

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113437.D
 Acq On : 30 Mar 2019 3:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 4/1/2019 5:46:42 PM

Quant Time: Mar 30 05:31:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120306	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	467031	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	227180	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	451662	20.00	ng	0.00
76) Chrysene-d12	13.85	240	410368	20.00	ng	0.00
87) Perylene-d12	15.25	264	367421	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	598689	81.37	ng	0.00
7) Phenol-d6	6.36	99	735190	78.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	662740	84.23	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	220114	78.44	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1228367	84.68	ng	0.00
79) Terphenyl-d14	12.80	244	1422606	76.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	135794	36.376	ng	97
3) Pyridine	3.02	79	366946	39.873	ng	96
4) n-Nitrosodimethylamine	2.95	42	147630	36.085	ng	89
6) Aniline	6.37	93	460130	40.594	ng	96
8) 2-Chlorophenol	6.49	128	343430	40.195	ng	100
9) Benzaldehyde	6.25	77	248575	39.798	ng	99
10) Phenol	6.37	94	418749	39.407	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	315667	38.754	ng	98
12) 1,3-Dichlorobenzene	6.65	146	366660	39.811	ng	99
13) 1,4-Dichlorobenzene	6.72	146	371073	41.729	ng	100
14) 1,2-Dichlorobenzene	6.88	146	341495	39.035	ng	96
15) Benzyl Alcohol	6.86	79	249419	40.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	497982	40.697	ng	93
17) 2-Methylphenol	6.97	107	263463	39.347	ng	98
18) Hexachloroethane	7.22	117	116564	36.495	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	222549	38.065	ng	97
20) 3+4-Methylphenols	7.13	107	336619	43.521	ng	96
22) Acetophenone	7.12	105	433618	40.712	ng	98
24) Nitrobenzene	7.29	77	347614	42.335	ng	99
25) Isophorone	7.53	82	611737	40.117	ng	97
26) 2-Nitrophenol	7.61	139	170213	39.218	ng	90
27) 2,4-Dimethylphenol	7.65	122	264040	42.292	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	403947	42.065	ng	99
29) 2,4-Dichlorophenol	7.86	162	286106	42.288	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	303842	41.625	ng	98
31) Naphthalene	8.01	128	953931	41.798	ng	99
32) Benzoic acid	7.76	122	98738m	19.647	ng	
33) 4-Chloroaniline	8.06	127	400526	45.005	ng	99
34) Hexachlorobutadiene	8.13	225	181678	41.876	ng	98
35) Caprolactam	8.43	113	92352	42.532	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	290311	42.662	ng	97
37) 2-Methylnaphthalene	8.70	142	626880	44.021	ng	98
38) 1-Methylnaphthalene	8.80	142	603272	44.043	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	300567	41.216	ng	99

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 SSTDC040

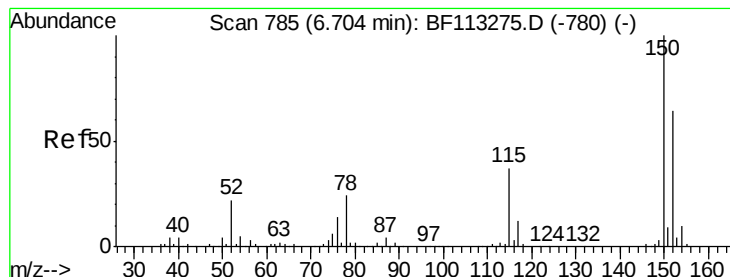
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	7149	2.316	nq	98
43) 2,4,6-Trichlorophenol	8.99	196	185330	39.027	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	199714	38.001	nq	97
46) 1,1'-Biphenyl	9.16	154	775658	40.880	nq	98
47) 2-Chloronaphthalene	9.19	162	584582	40.015	nq	100
48) 2-Nitroaniline	9.29	65	190044	41.453	nq	99
49) Acenaphthylene	9.60	152	985852	41.736	nq	100
50) Dimethylphthalate	9.46	163	695537	41.313	nq	100
51) 2,6-Dinitrotoluene	9.53	165	151242	39.820	nq	97
52) Acenaphthene	9.77	154	546306	41.068	nq	99
53) 3-Nitroaniline	9.70	138	187798	43.845	nq	97
54) 2,4-Dinitrophenol	9.82	184	9322	4.935	nq	# 87
55) Dibenzofuran	9.95	168	825518	41.280	nq	98
56) 4-Nitrophenol	9.87	139	104565	34.243	nq	92
57) 2,4-Dinitrotoluene	9.93	165	193216	40.003	nq	99
58) Fluorene	10.29	166	646486	41.614	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	166262	37.411	nq	99
60) Diethylphthalate	10.16	149	676297	40.948	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	315990	41.733	nq	97
62) 4-Nitroaniline	10.30	138	194729	44.157	nq	97
63) Azobenzene	10.43	77	638258	41.054	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	19992	8.091	nq	99
66) n-Nitrosodiphenylamine	10.40	169	577214	41.648	nq	98
67) 4-Bromophenyl-phenylether	10.76	248	208219	42.297	nq	95
68) Hexachlorobenzene	10.84	284	235741	41.256	nq	99
69) Atrazine	10.92	200	188318	43.049	nq	96
70) Pentachlorophenol	11.03	266	106054	35.624	nq	98
71) Phenanthrene	11.24	178	940592	41.935	nq	99
72) Anthracene	11.29	178	966939	42.442	nq	100
73) Carbazole	11.45	167	945721	43.503	nq	99
74) Di-n-butylphthalate	11.78	149	1087727	43.147	nq	100
75) Fluoranthene	12.42	202	1059181	41.772	nq	99
77) Benzidine	12.55	184	639094	40.668	nq	99
78) Pyrene	12.65	202	1099640	38.669	nq	99
80) Butylbenzylphthalate	13.27	149	478965	38.218	nq	97
81) Benzo(a)anthracene	13.84	228	972731	41.410	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	429486	45.576	nq	99
83) Chrysene	13.87	228	979804	41.066	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	620194	40.368	nq	99
85) Di-n-octyl phthalate	14.43	149	1140420	43.730	nq	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	812905	39.699	nq	98
88) Benzo(b)fluoranthene	14.86	252	974591	42.700	nq	99
89) Benzo(k)fluoranthene	14.88	252	810459	40.435	nq	99
90) Benzo(a)pyrene	15.19	252	814846	40.270	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	682707	39.021	nq	99
92) Benzo(g,h,i)perylene	17.02	276	653352	37.036	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



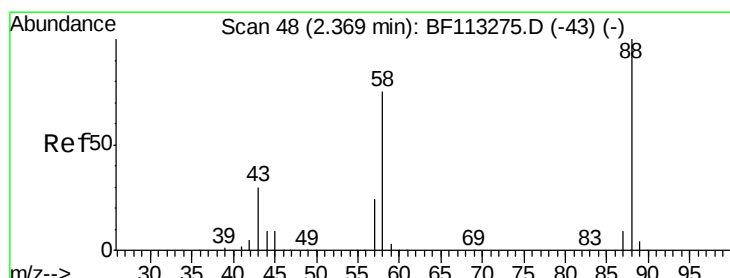
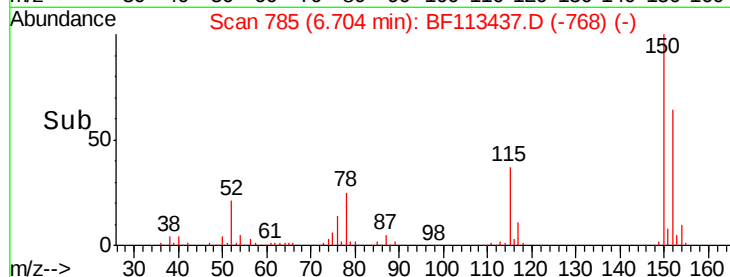
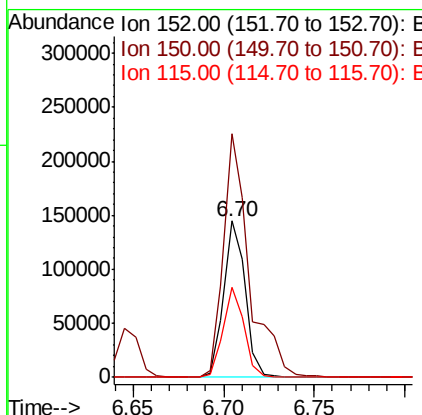
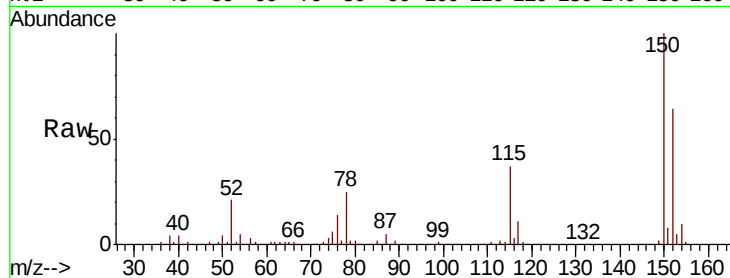
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	57.8	46.0	69.0

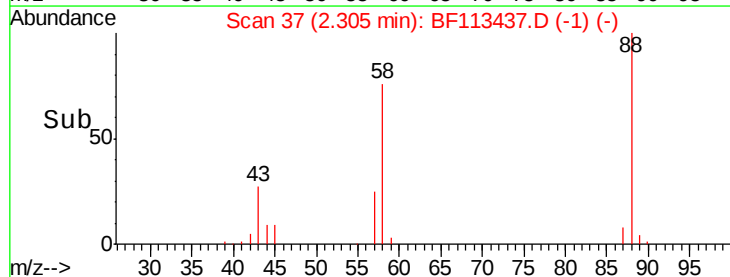
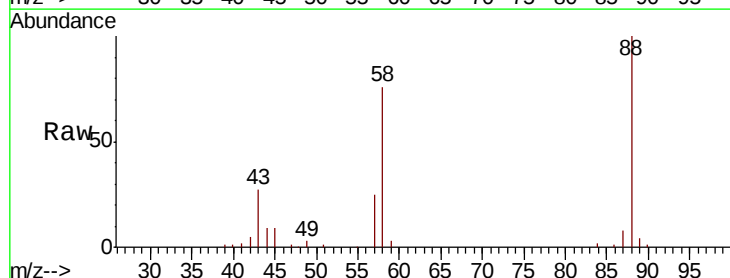
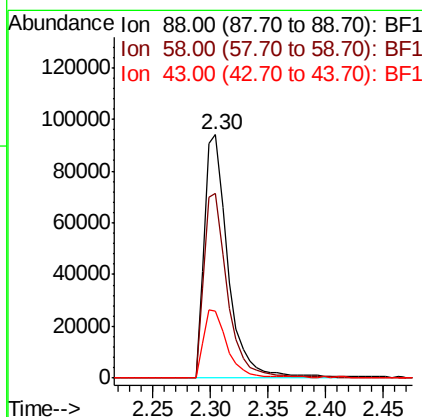
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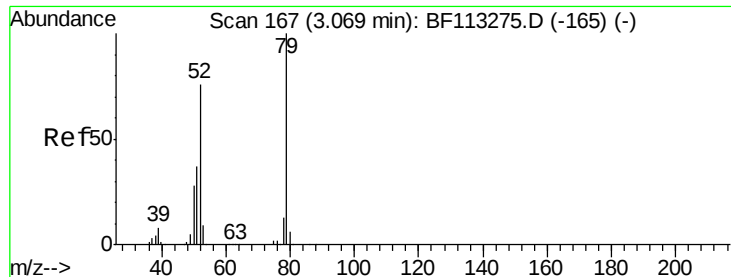
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#2
 1,4-Dioxane
 Concen: 36.376 ng
 RT: 2.30 min Scan# 37
 Delta R.T. -0.06 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	61.9	92.9
43	28.7	24.2	36.4





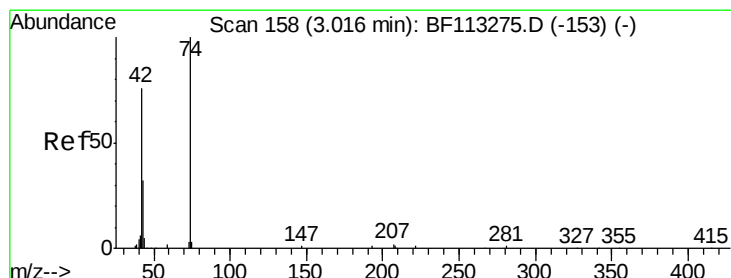
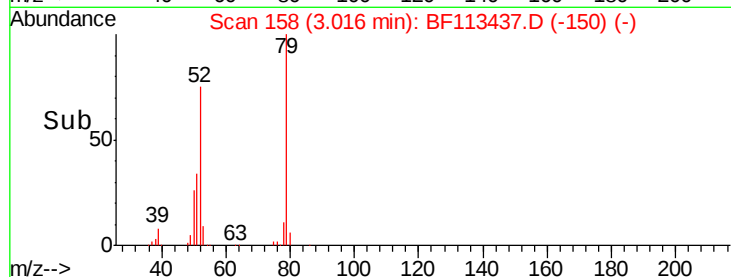
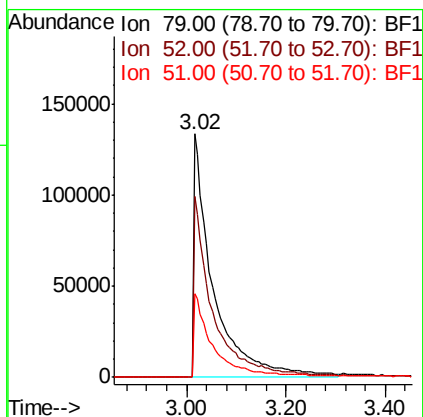
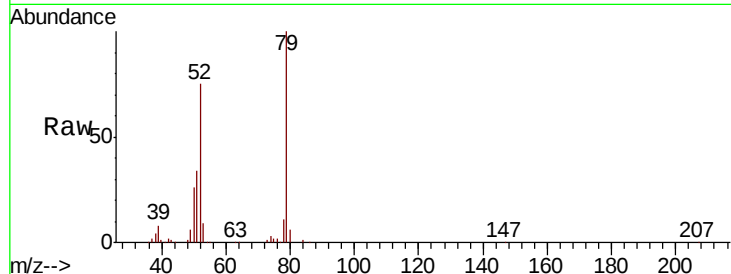
#3
 Pvridine
 Concen: 39.873 ng
 RT: 3.02 min Scan# 158
 Delta R.T. -0.05 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		366946		
52	74.5		61.0	91.4	
51	34.1		30.6	45.8	

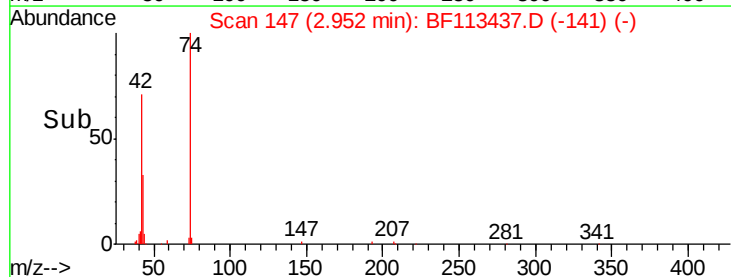
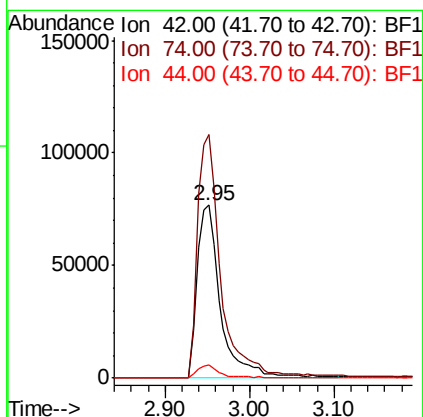
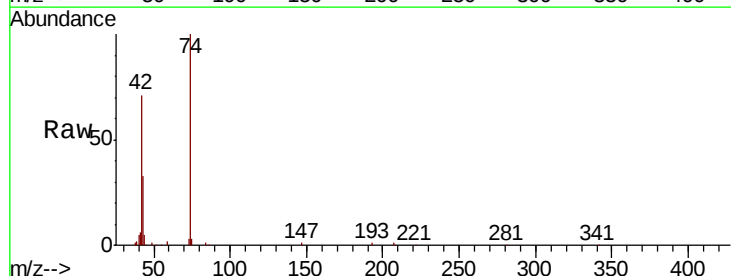
Manual Integrations
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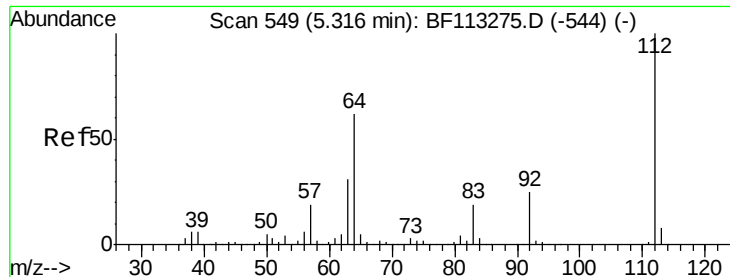
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#4
 n-Nitrosodimethylamine
 Concen: 36.085 ng
 RT: 2.95 min Scan# 147
 Delta R.T. -0.06 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		147630		
74	140.8		102.4	153.6	
44	7.4		5.5	8.3	





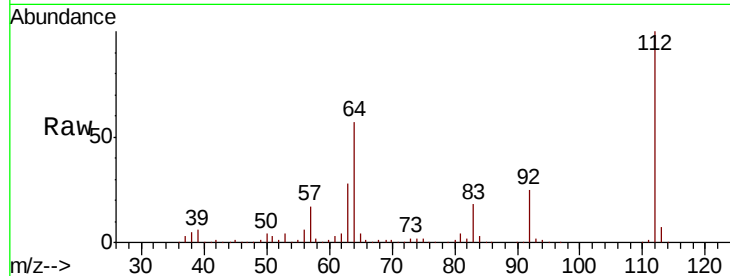
#5
2-Fluorophenol
Concen: 81.370 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

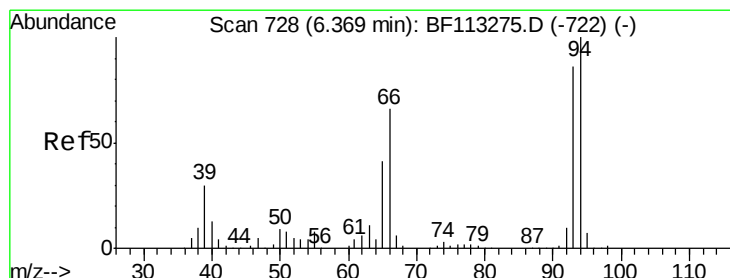
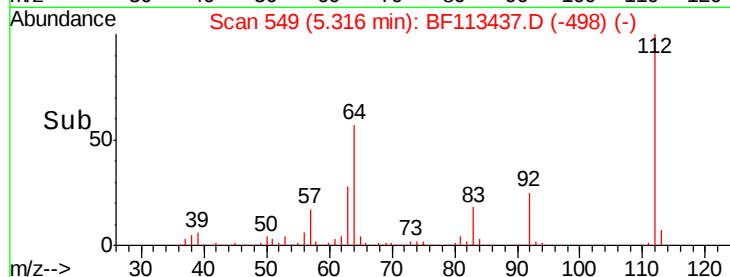
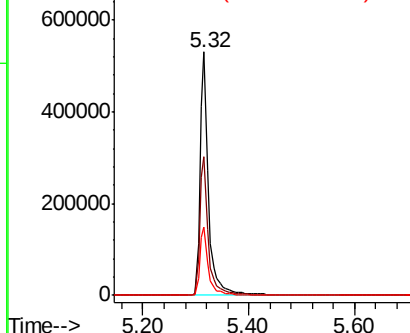
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.1	49.2	73.8
63	28.2	24.9	37.3

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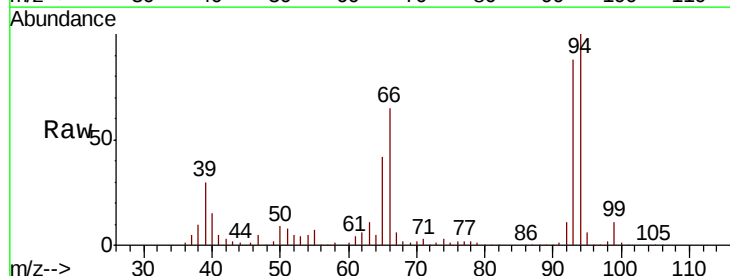


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

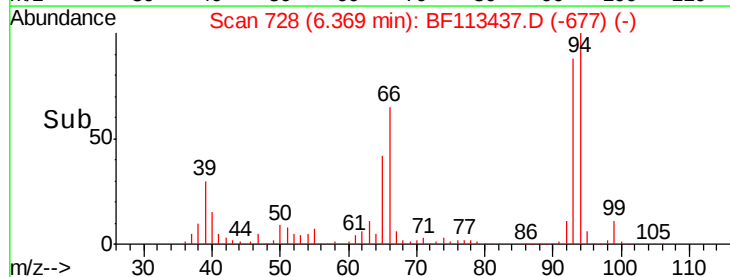
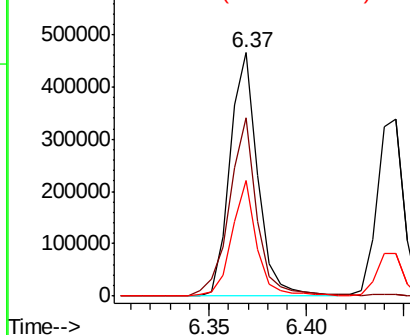


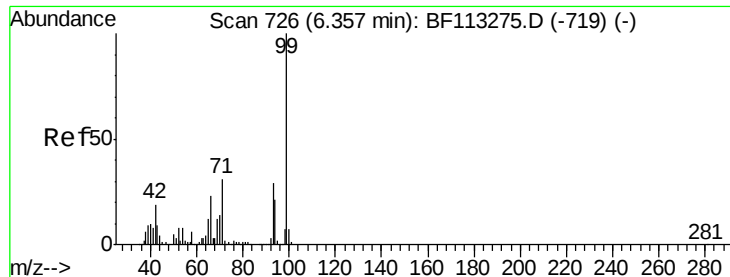
#6
Aniline
Concen: 40.594 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	73.5	62.1	93.1
65	47.4	38.7	58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.987 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

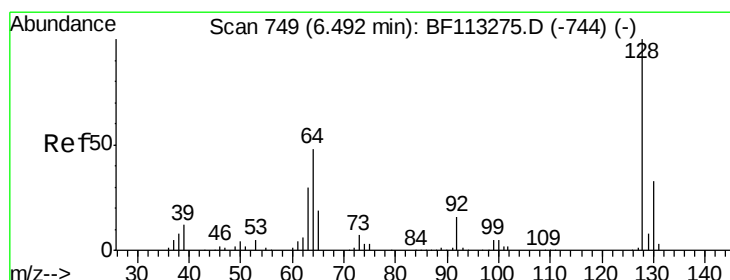
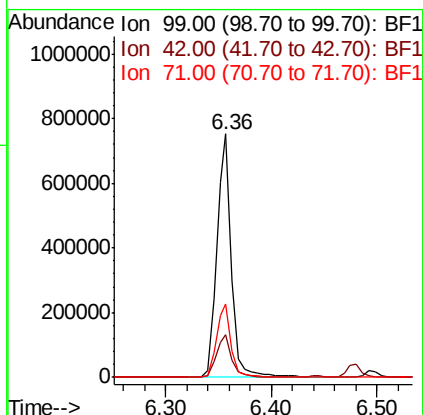
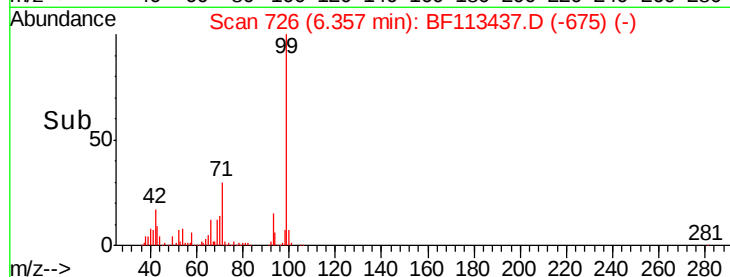
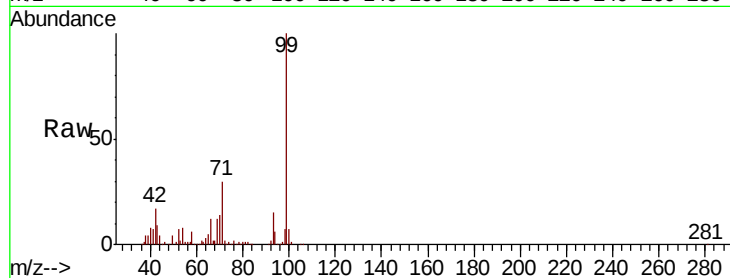
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	735190
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.8	22.2
71	30.2	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.195 ng

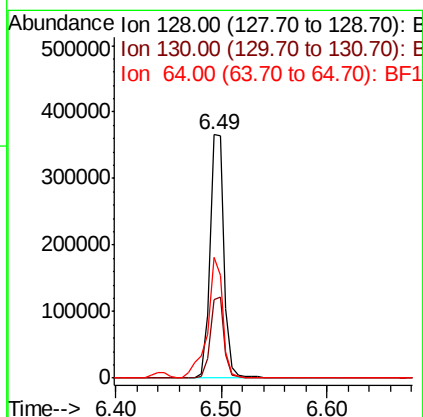
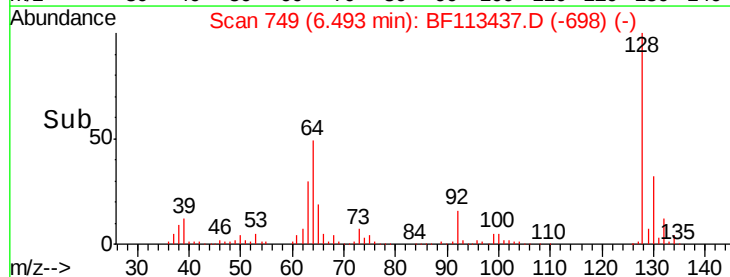
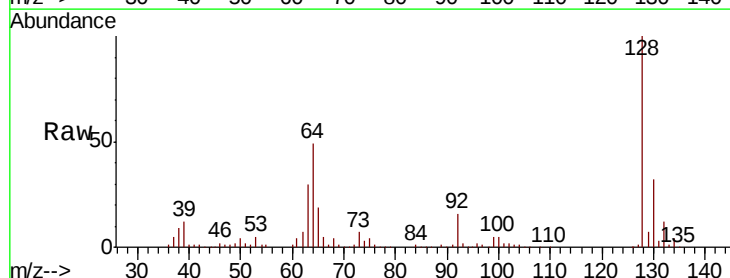
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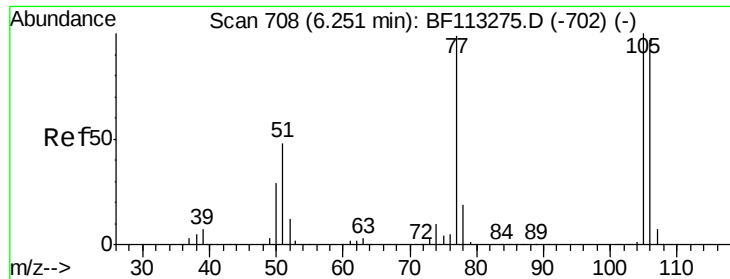
Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	128	Resp:	343430
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	49.3	29.4	69.4





#9

Benzaldehyde

Concen: 39.798 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

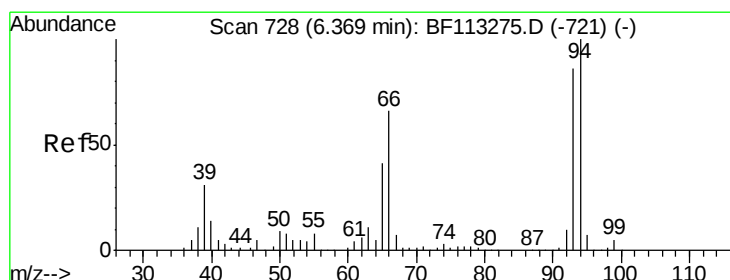
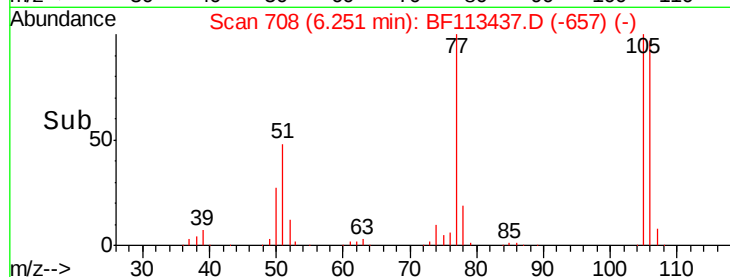
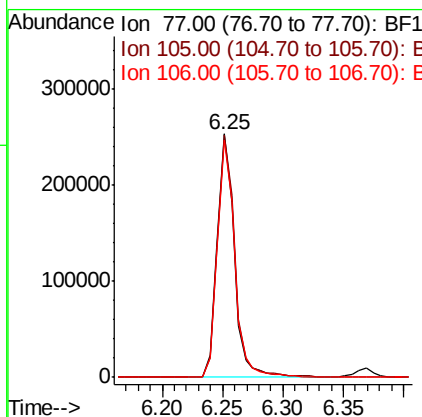
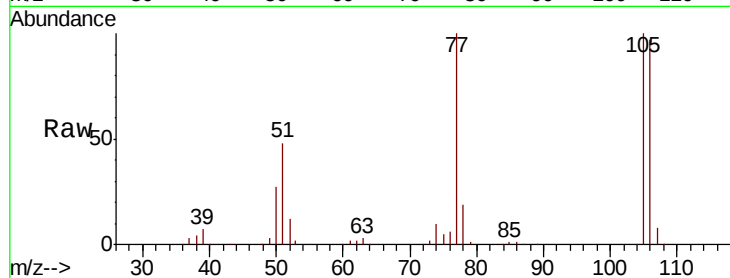
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	248575
Ion	Ratio	Lower	Upper
77	100		
105	99.5	80.9	120.9
106	97.4	77.8	117.8

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#10

Phenol

Concen: 39.407 ng

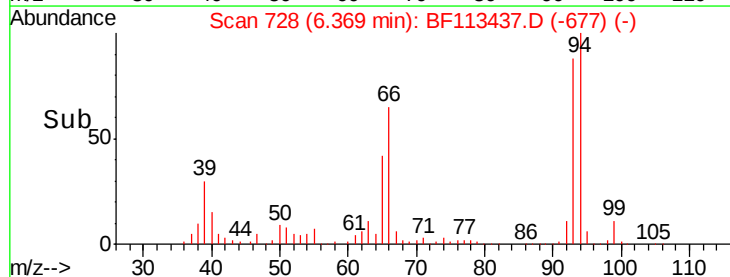
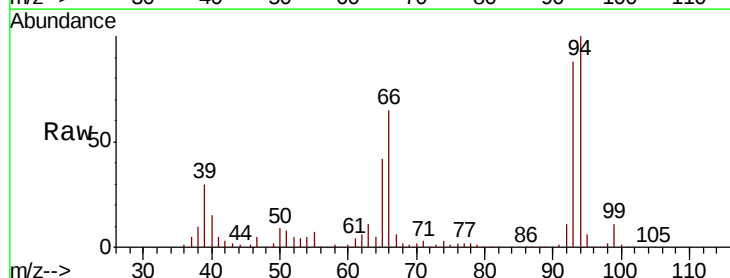
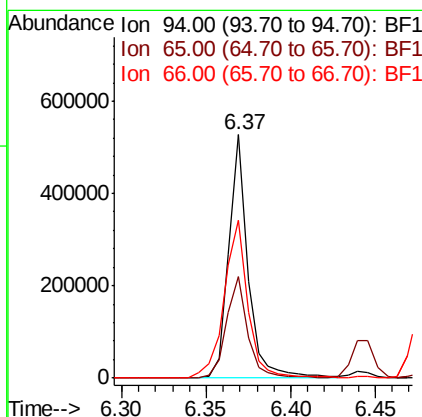
RT: 6.37 min Scan# 728

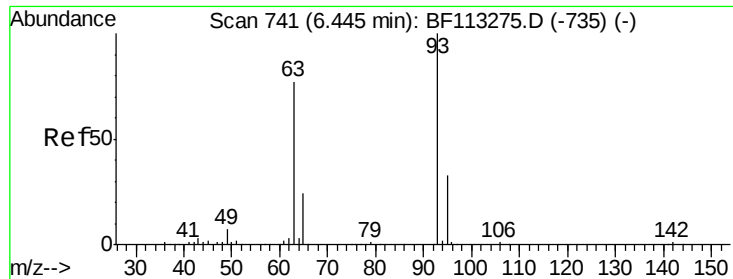
Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	94	Resp:	418749
Ion	Ratio	Lower	Upper
94	100		
65	41.8	21.4	61.4
66	64.9	46.4	86.4





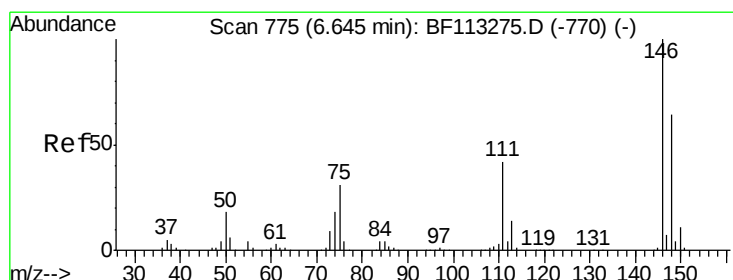
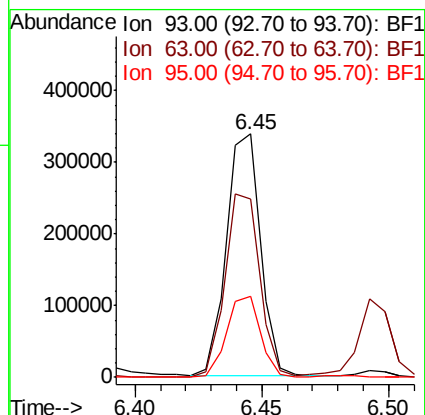
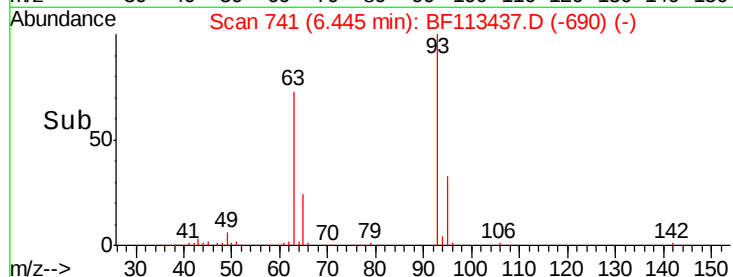
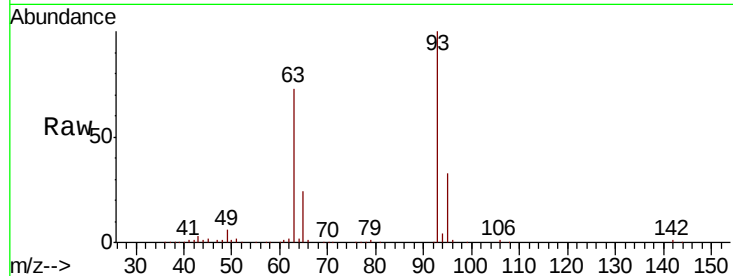
#11
bis(2-Chloroethyl)ether
Concen: 38.754 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	315667
Ion	Ratio	Lower	Upper
93	100		
63	73.4	56.1	96.1
95	33.2	12.8	52.8

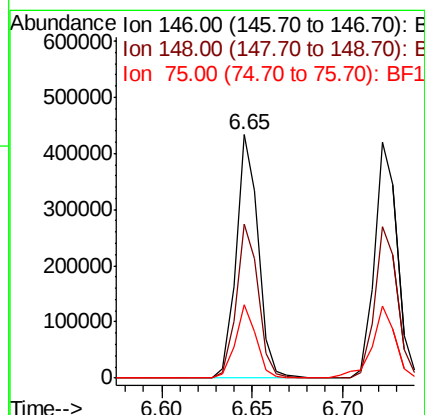
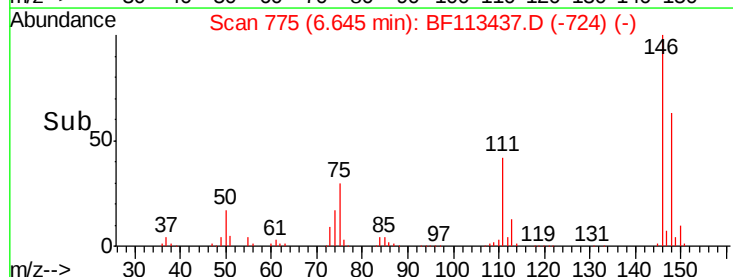
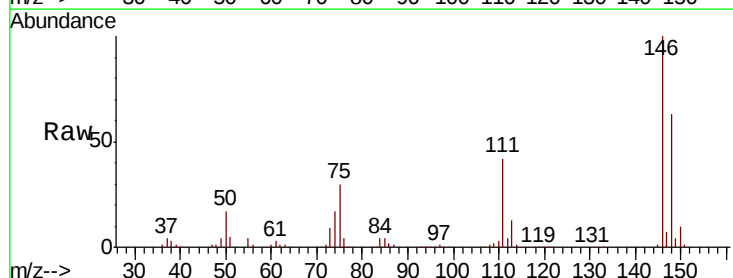
Manual Integrations
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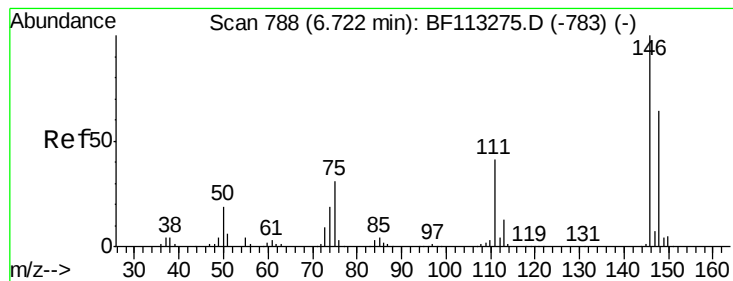
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4/1/2019 5:46:42 PM



#12
1,3-Dichlorobenzene
Concen: 39.811 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion:	146	Resp:	366660
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	30.1	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 41.729 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

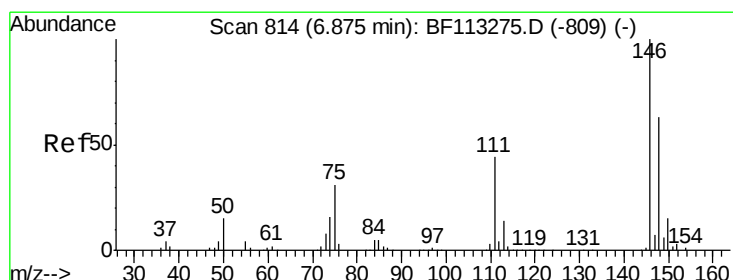
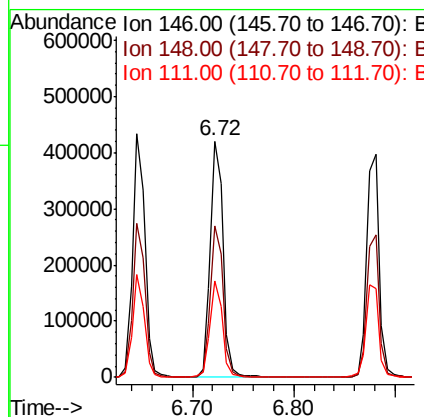
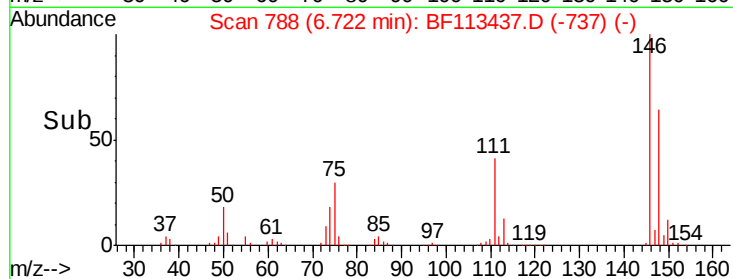
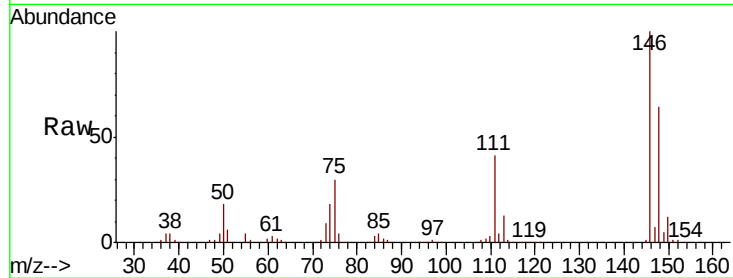
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	371073
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	40.6	32.8	49.2

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4/1/2019 5:46:42 PM



#14

1,2-Dichlorobenzene

Concen: 39.035 ng

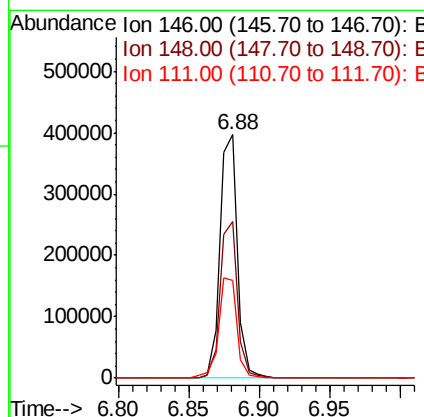
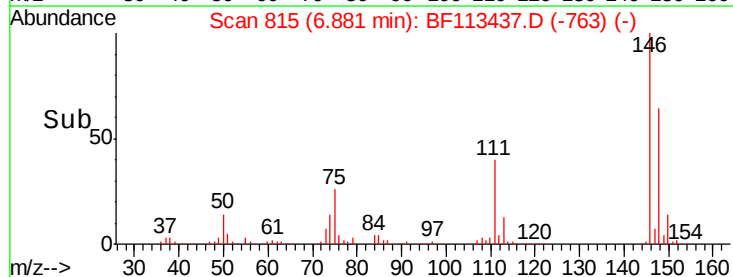
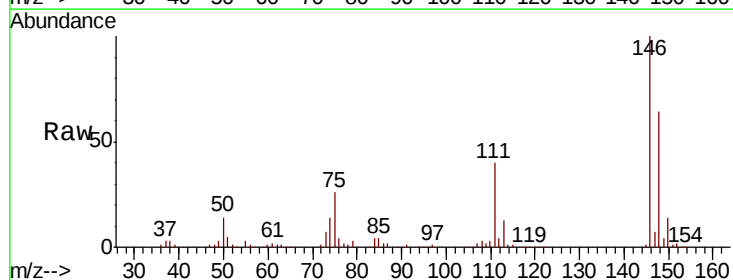
RT: 6.88 min Scan# 815

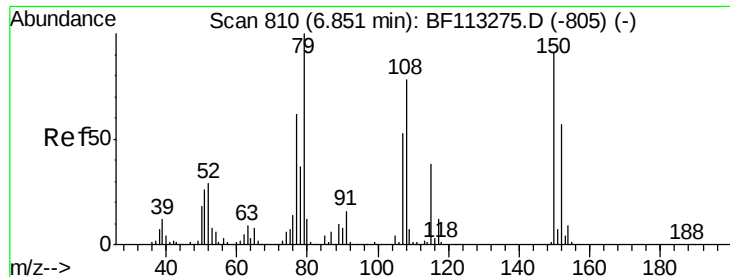
Delta R.T. 0.01 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	146	Resp:	341495
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.2	75.4
111	40.1	35.4	53.2





#15

Benzyl Alcohol

Concen: 40.619 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

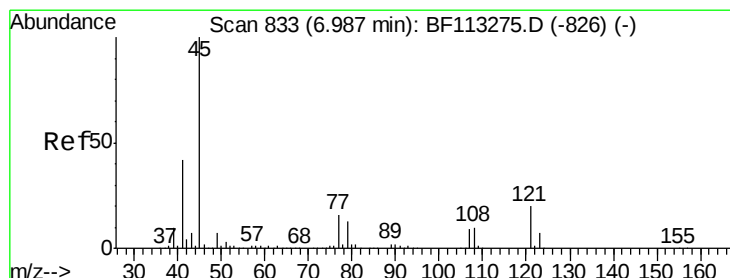
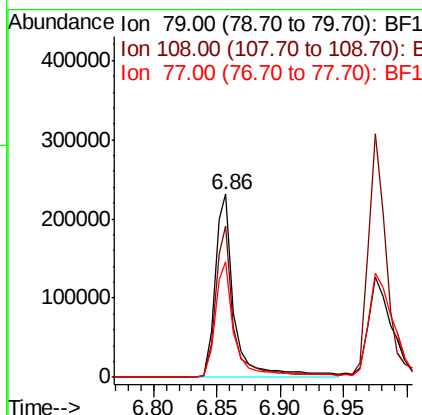
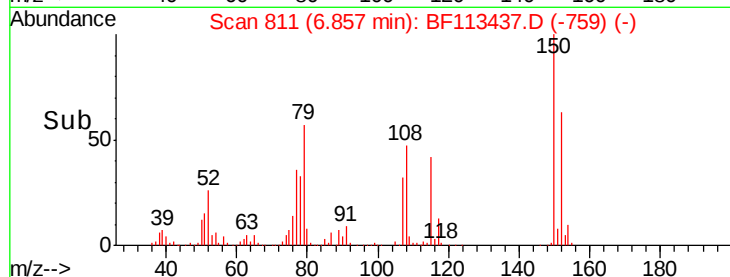
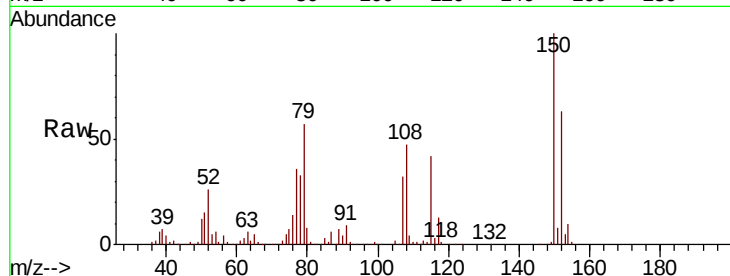
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	249419
Ion Ratio	Lower	Upper	
79	100		
108	82.7	62.0	93.0
77	63.4	49.9	74.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.697 ng

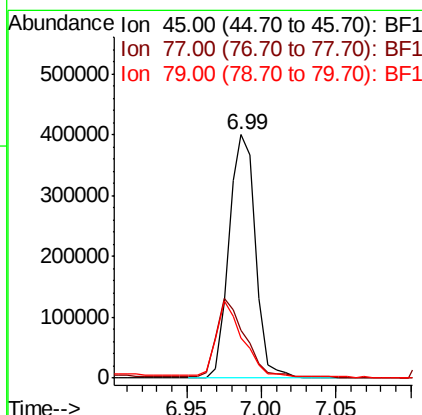
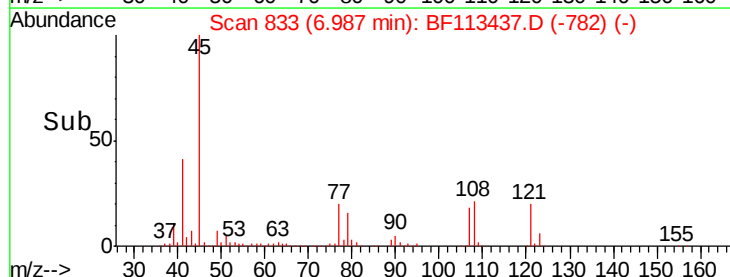
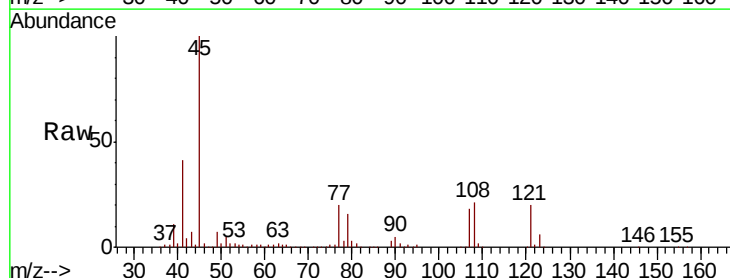
RT: 6.99 min Scan# 833

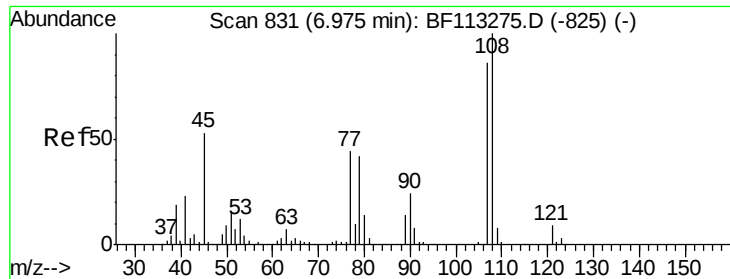
Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	45	Resp:	497982
Ion Ratio	Lower	Upper	
45	100		
77	19.6	0.0	36.6
79	16.5	0.0	34.0





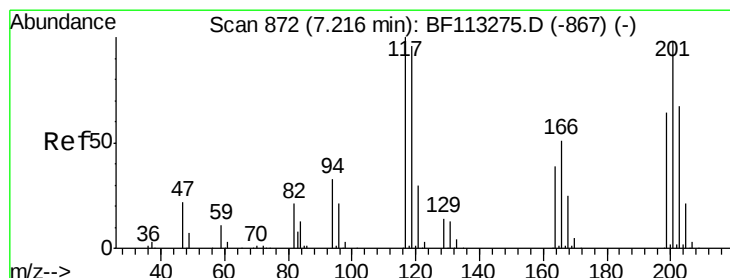
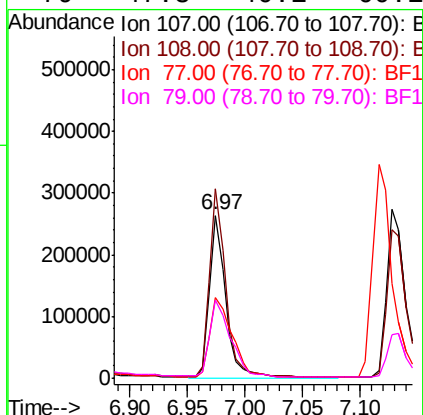
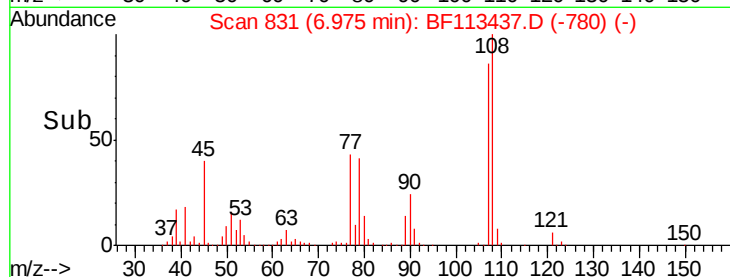
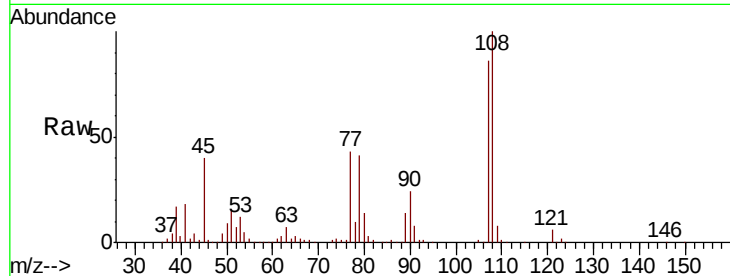
#17
2-Methylphenol
Concen: 39.347 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	93.4	140.0	
77	49.5	41.2	61.8	
79	47.8	40.1	60.1	

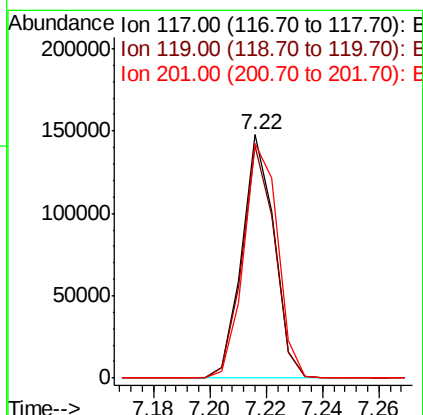
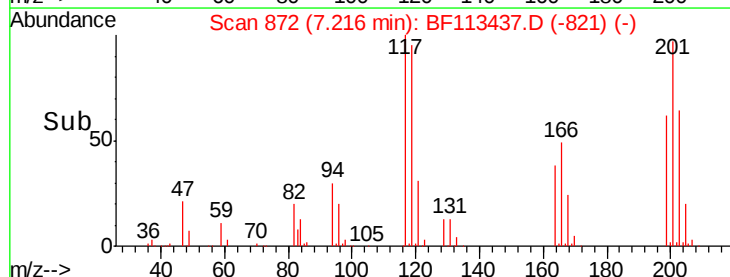
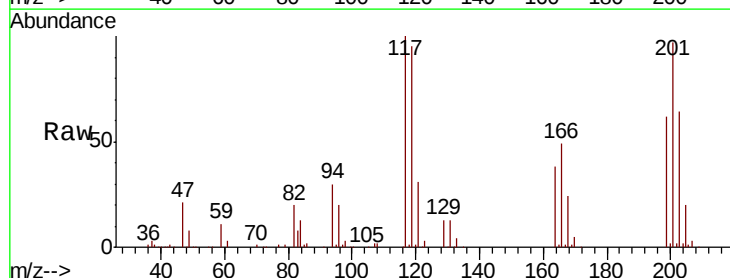
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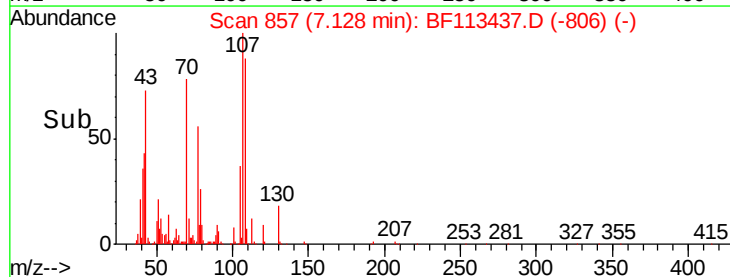
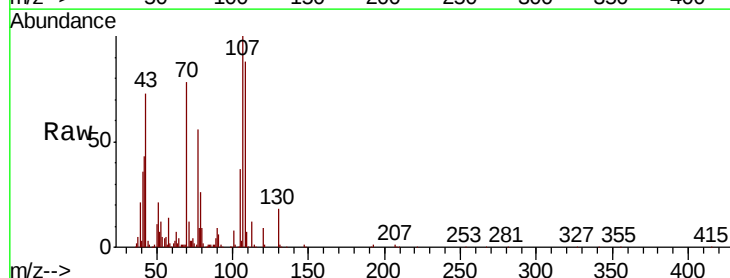
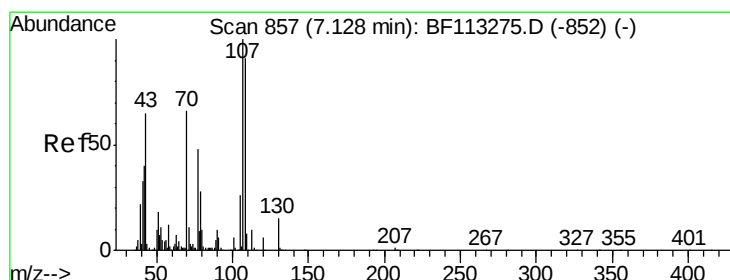
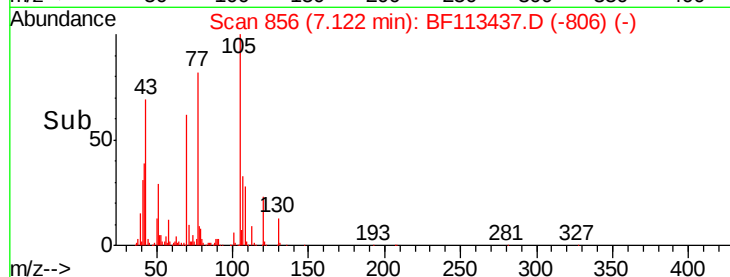
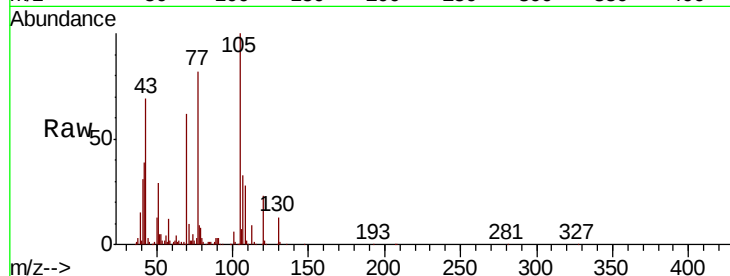
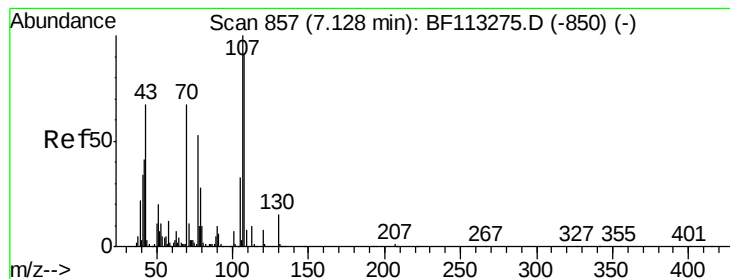
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4/1/2019 5:46:42 PM



#18
Hexachloroethane
Concen: 36.495 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.9	115.3	
201	96.5	78.7	118.1	





#19

n-Nitroso-di-n-propylamine

Concen: 38.065 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 222549

Ion Ratio Lower Upper

70 100

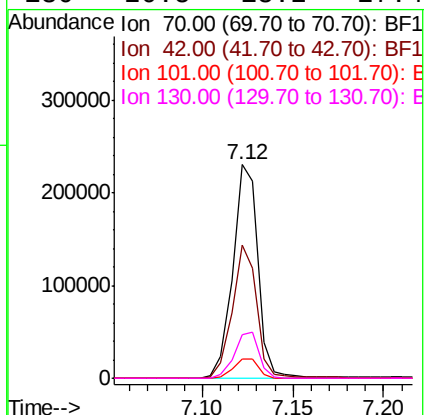
42 62.4 48.4 72.6

101 9.1 7.8 11.8

130 20.5 18.2 27.4

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4/1/2019 5:46:42 PM



#20

3+4-Methylphenols

Concen: 43.521 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:107 Resp: 336619

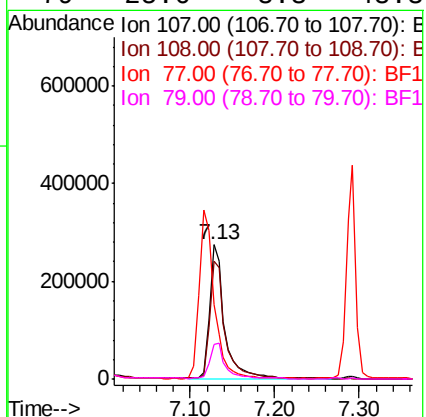
Ion Ratio Lower Upper

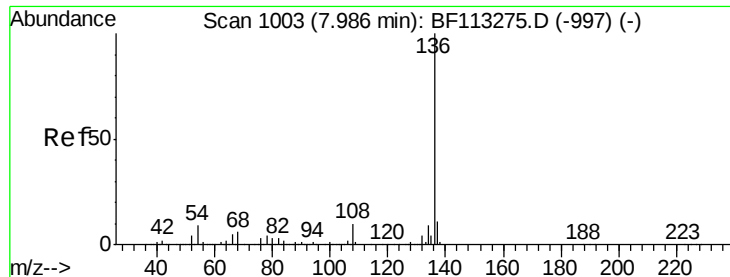
107 100

108 87.6 71.4 111.4

77 55.7 33.5 73.5

79 25.6 8.3 48.3





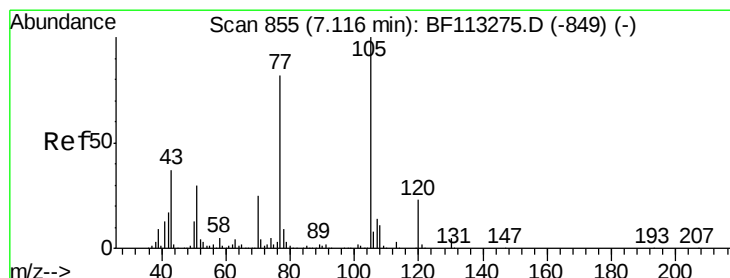
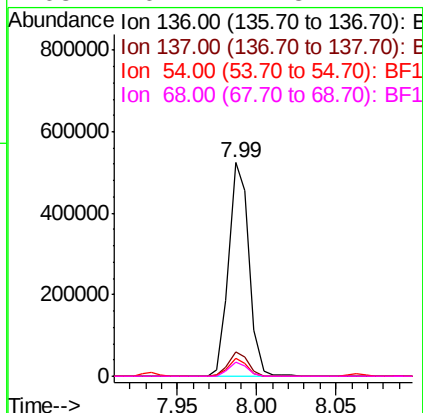
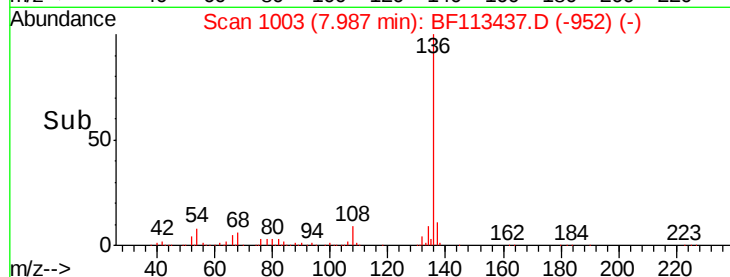
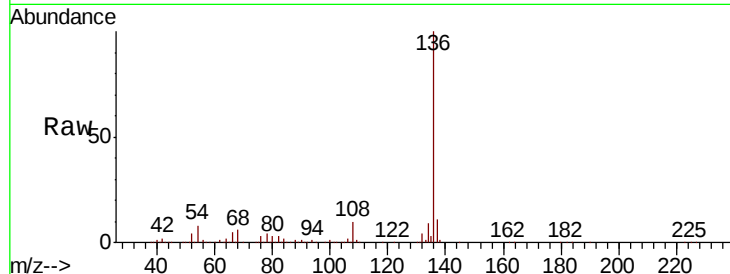
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	467031		
137	11.4	8.9	13.3	
54	8.3	7.0	10.6	
68	6.4	4.8	7.2	

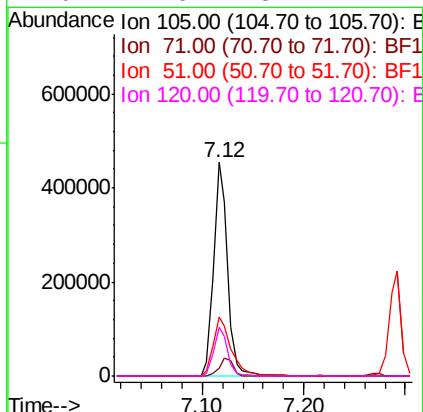
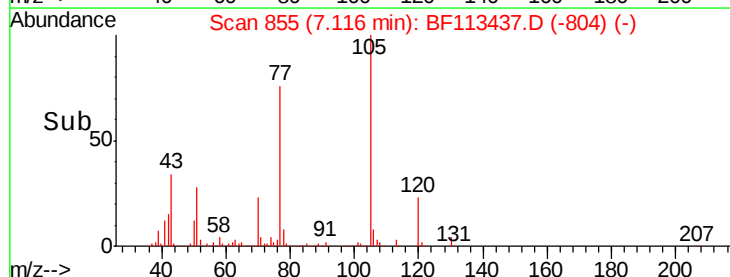
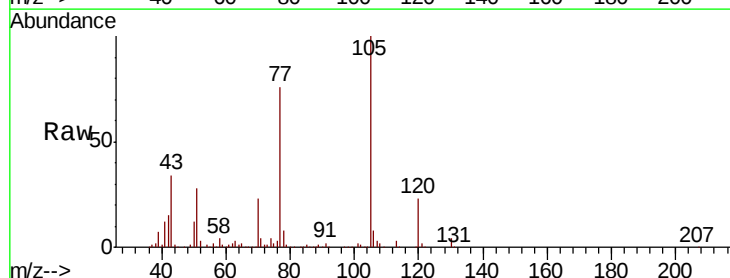
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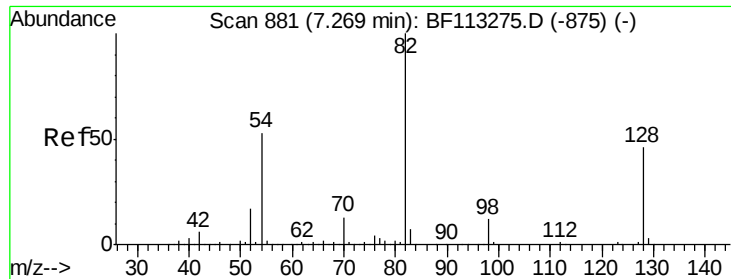
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4/1/2019 5:46:42 PM



#22
Acetophenone
Concen: 40.712 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	433618		
71	3.9	3.3	4.9	
51	27.7	24.2	36.2	
120	22.6	18.1	27.1	





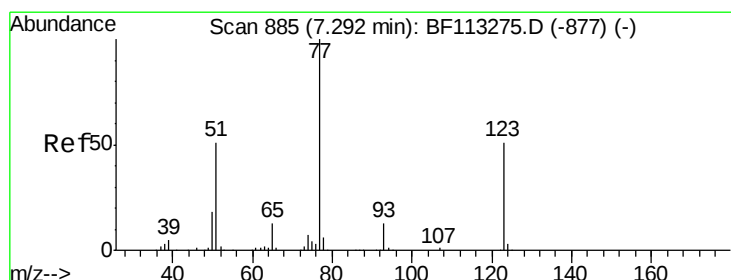
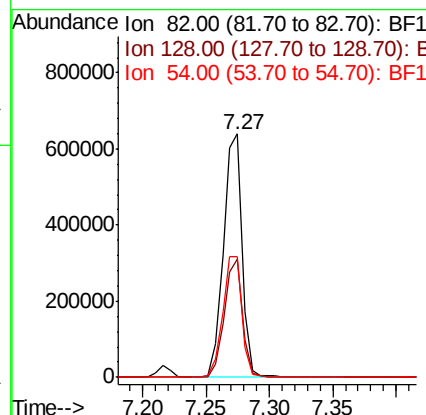
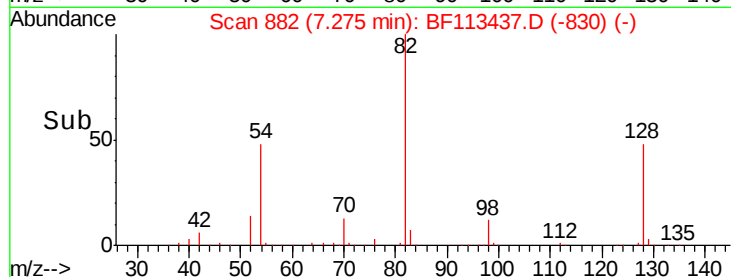
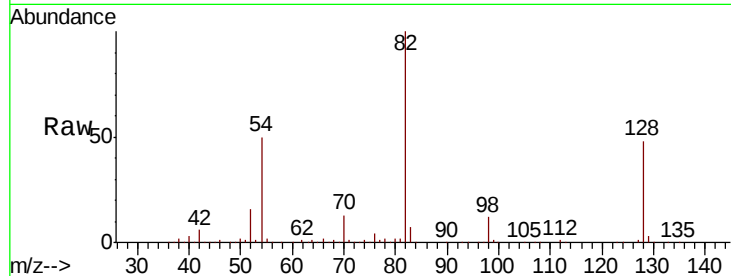
#23
Nitrobenzene-d5
Concen: 84.226 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.5	54.7
54	49.7	42.2	63.2

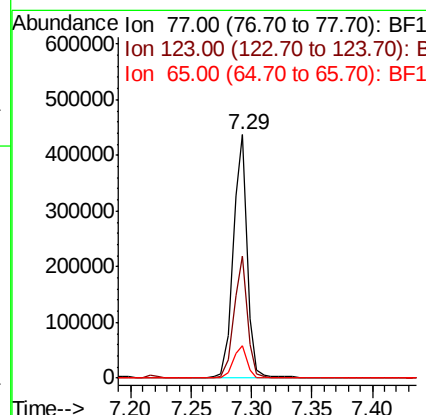
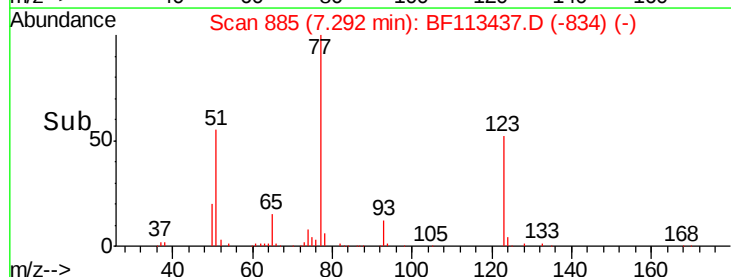
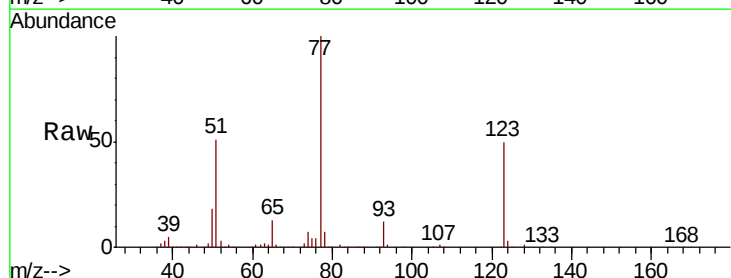
Manual Integrations
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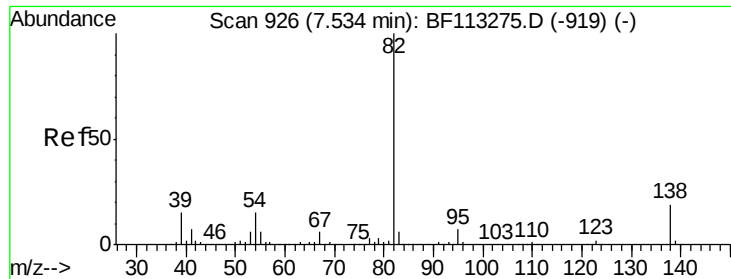
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#24
Nitrobenzene
Concen: 42.335 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.8	61.2
65	13.4	10.6	16.0





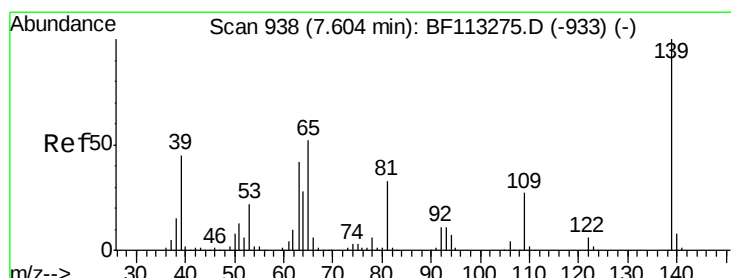
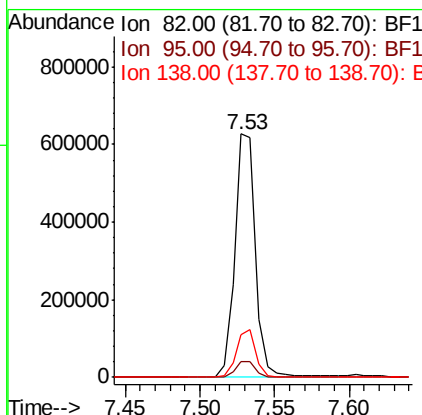
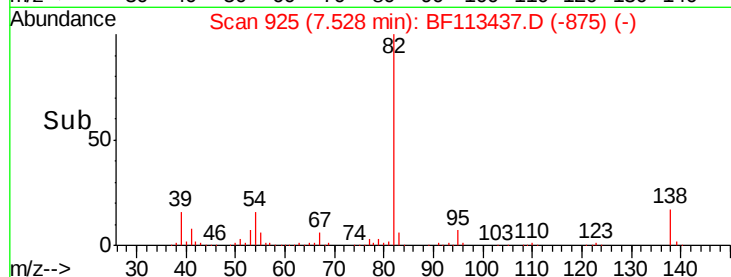
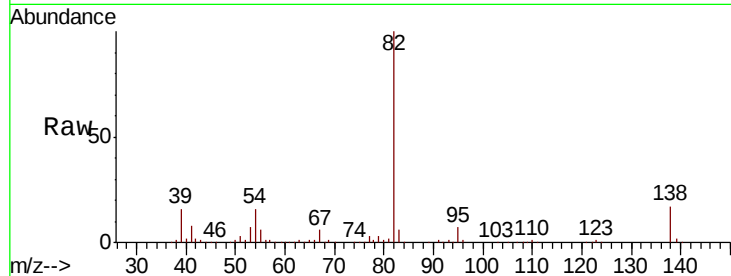
#25
Isophorone
Concen: 40.117 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	611737		
95	6.7	5.5	8.3	
138	17.3	15.2	22.8	

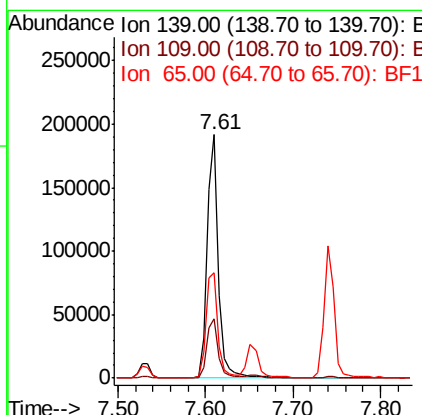
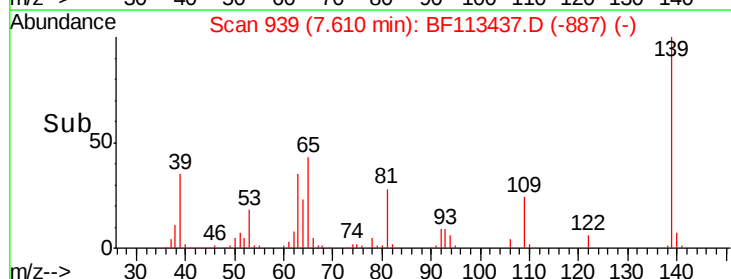
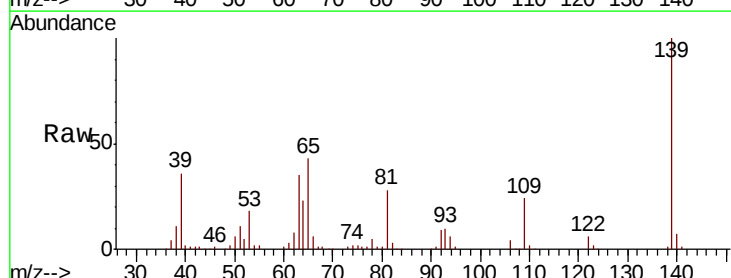
Manual Integrations
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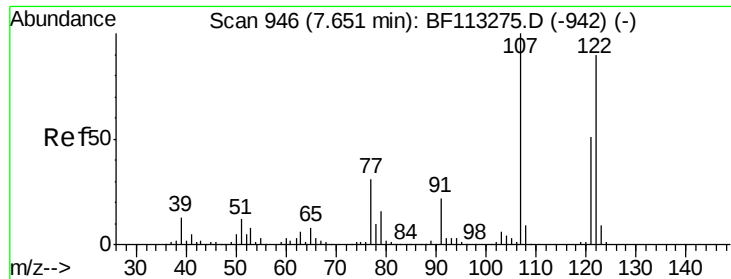
Sohil
4/1/2019 5:46:42 PM



#26
2-Nitrophenol
Concen: 39.218 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	170213		
109	24.4	21.7	32.5	
65	43.4	41.6	62.4	





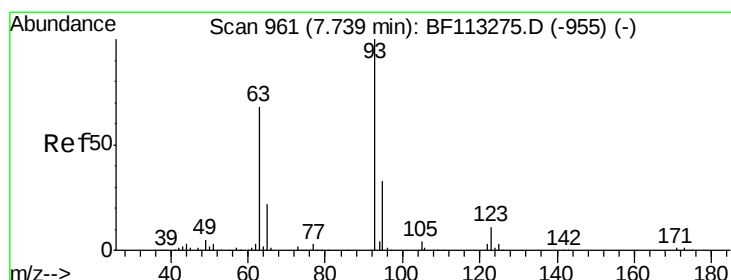
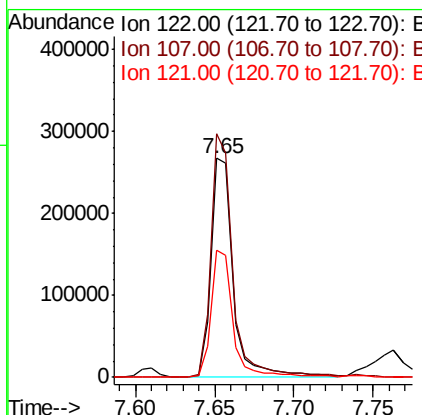
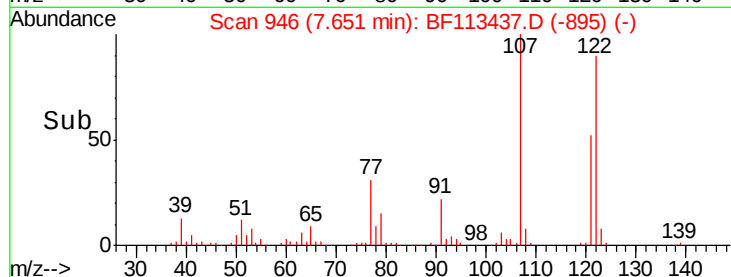
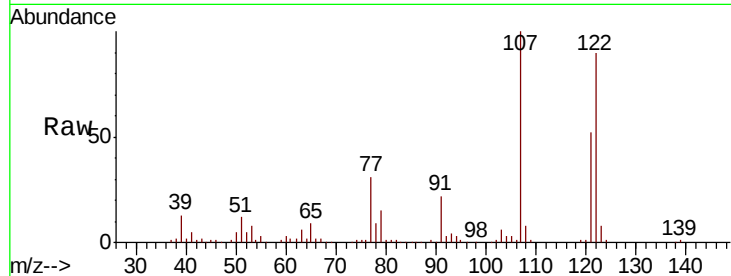
#27
2,4-Dimethylphenol
Concen: 42.292 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.8	133.2
121	57.9	45.5	68.3

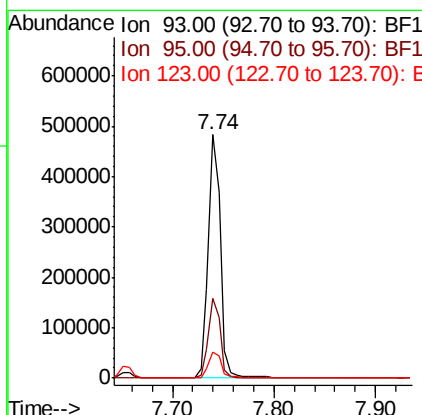
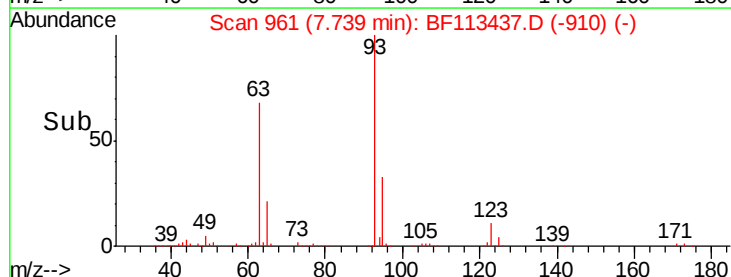
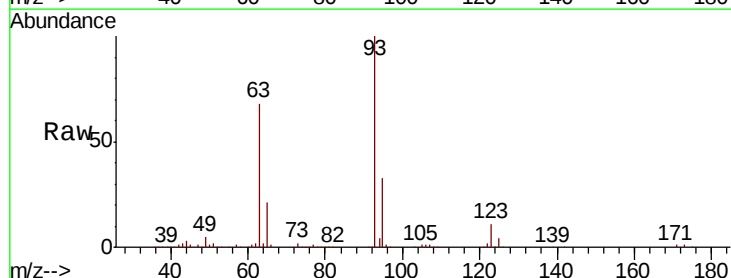
Manual Integrations
APPROVED

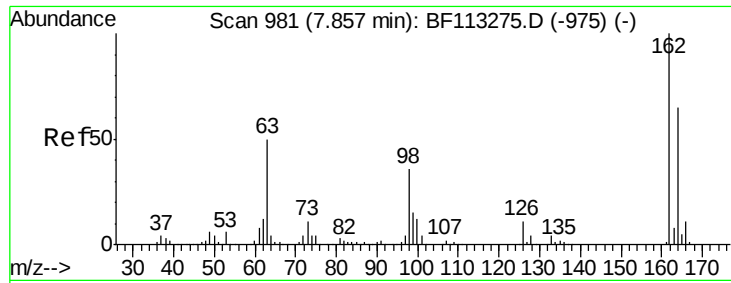
Sohil
4/1/2019 5:46:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.065 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	10.9	9.1	13.7





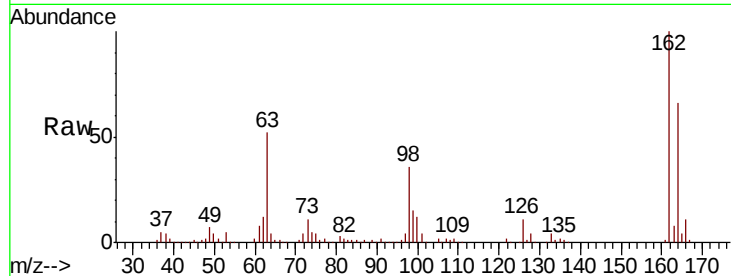
#29
2,4-Dichlorophenol
Concen: 42.288 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	44.6	84.6
98	35.7	15.6	55.6

Manual Integrations
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4/1/2019 5:46:42 PM

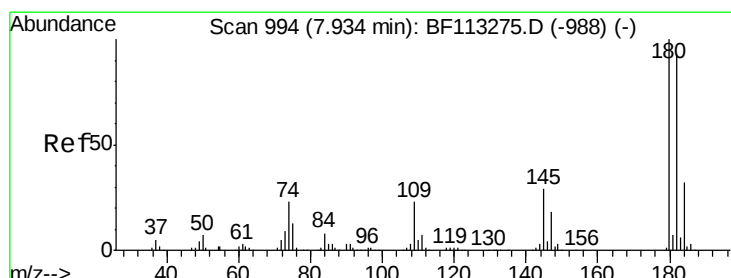
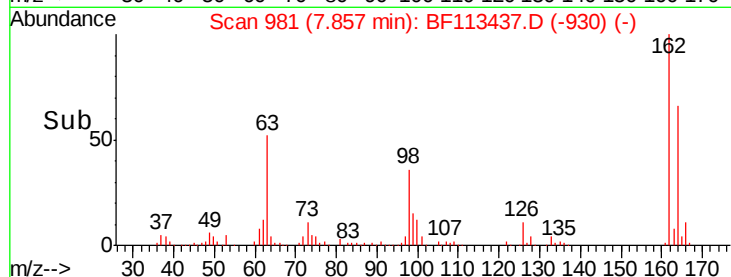
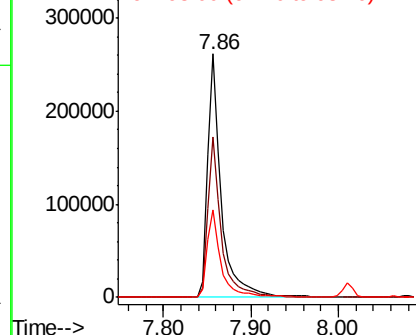


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.625 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

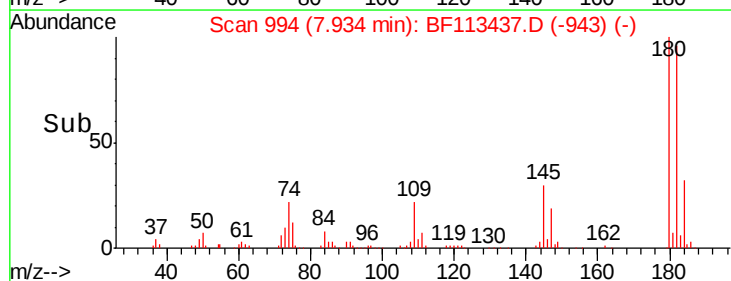
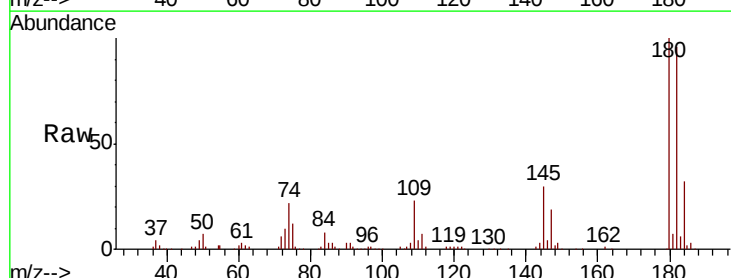
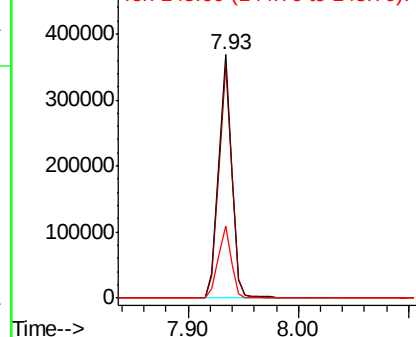
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	74.6	111.8
145	29.8	23.4	35.0

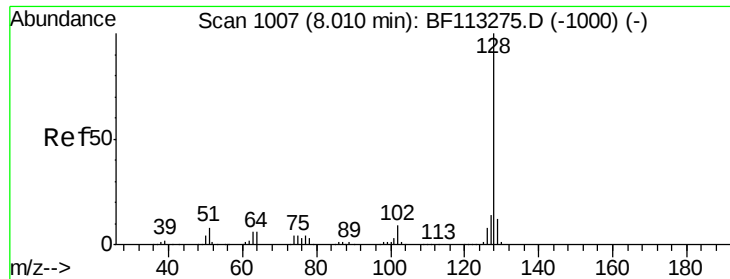
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





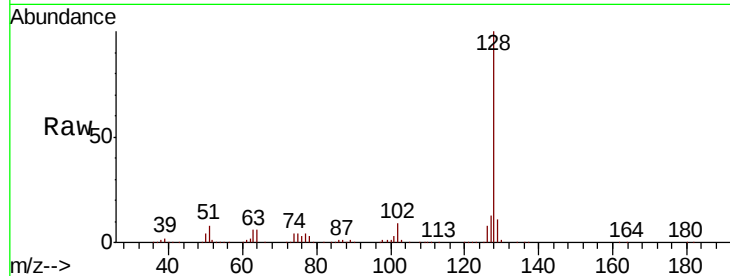
#31
Naphthalene
Concen: 41.798 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.1	10.9	16.3

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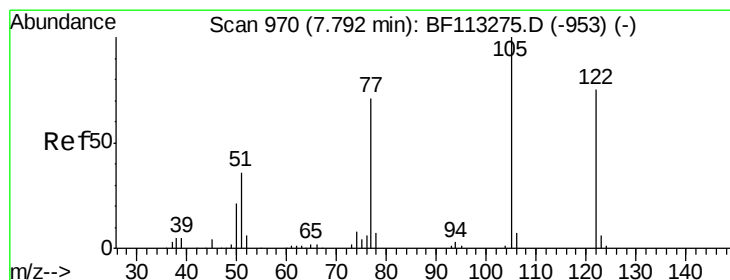
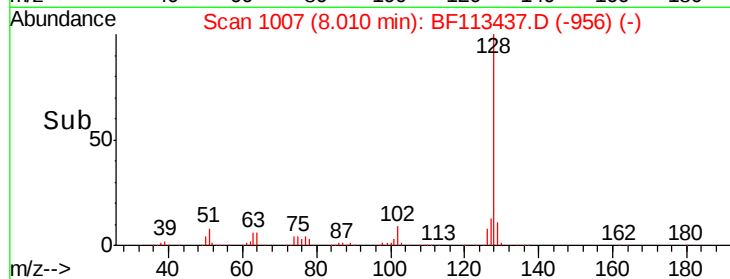
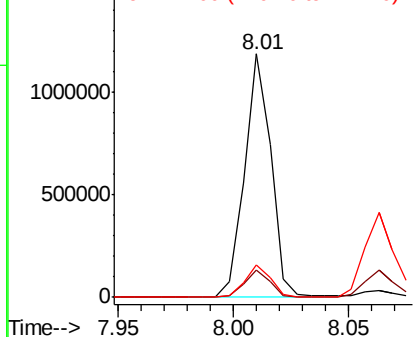


Abundance

Ion 128.00 (127.70 to 128.70): E

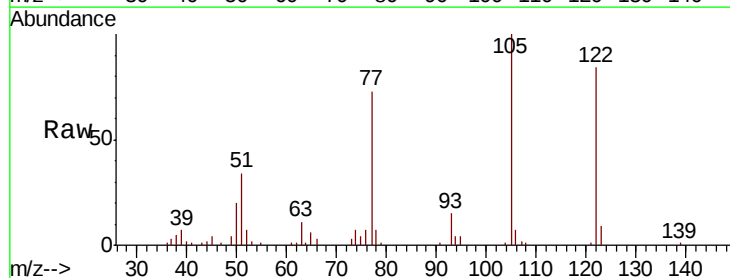
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 19.647 ng m
RT: 7.76 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	100.4	140.4
77	87.4	69.0	109.0

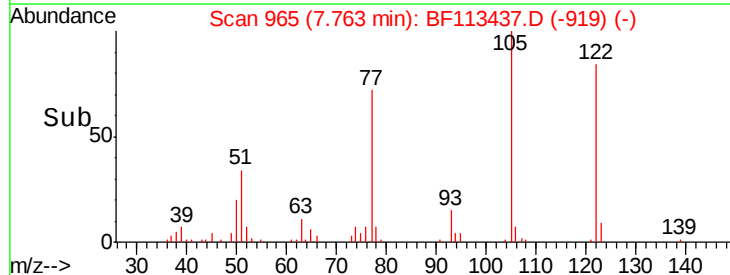
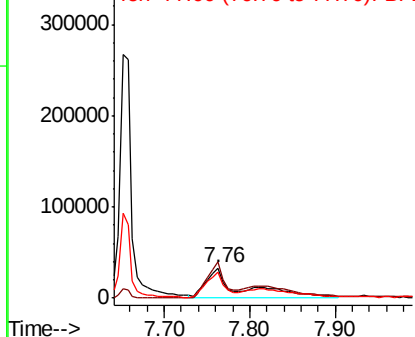


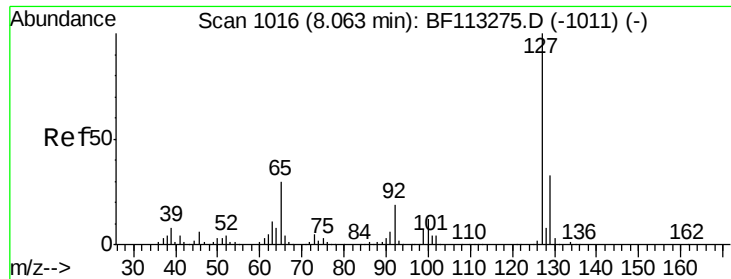
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





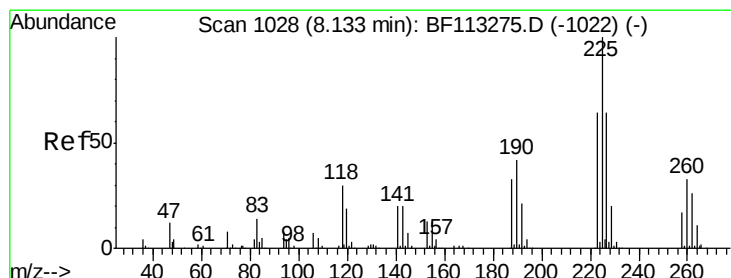
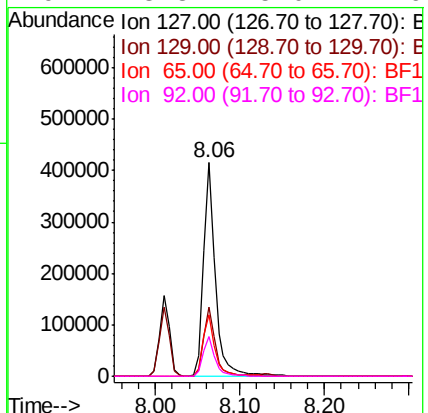
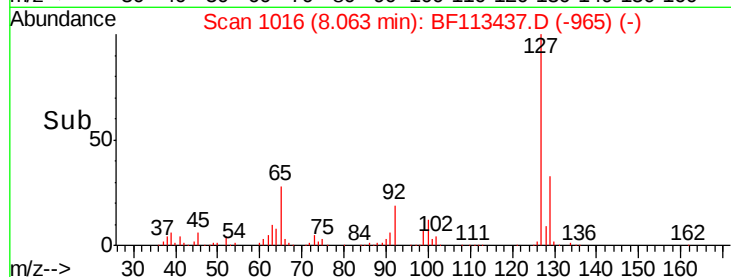
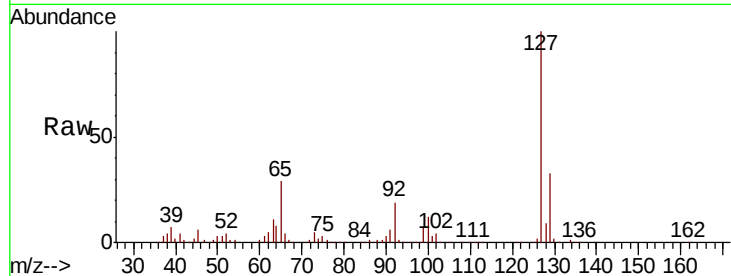
#33
4-Chloroaniline
Concen: 45.005 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	28.5	24.2	36.4		
92	18.8	15.0	22.6		

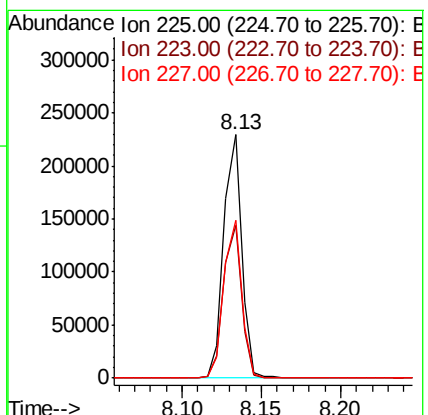
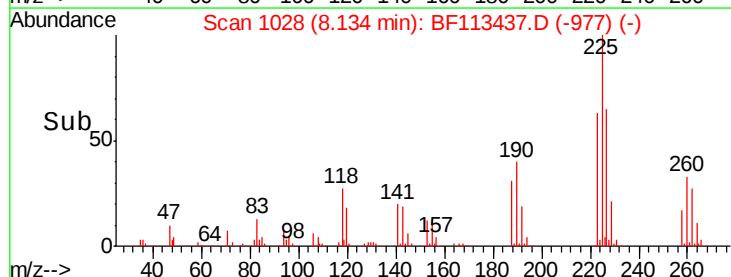
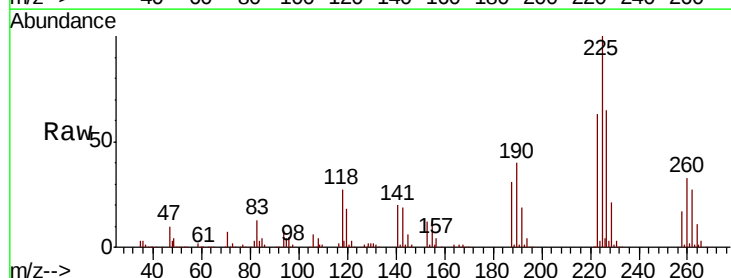
Manual Integrations
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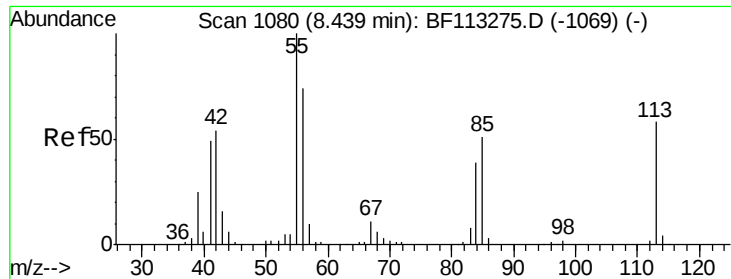
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4/1/2019 5:46:42 PM



#34
Hexachlorobutadiene
Concen: 41.876 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	51.4	77.2		
227	64.8	51.1	76.7		





#35

Caprolactam

Concen: 42.532 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

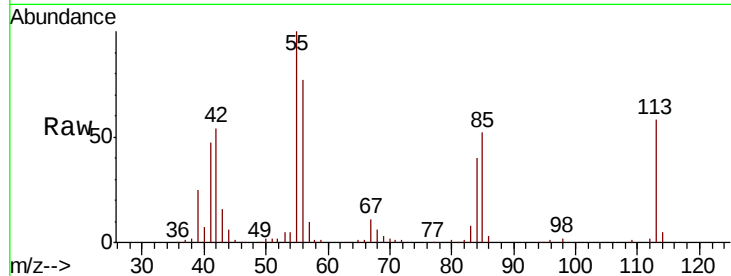
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.1	152.7	192.7
56	132.7	108.3	148.3

Manual Integrations
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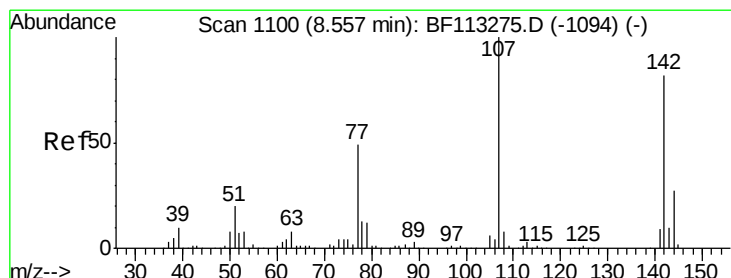
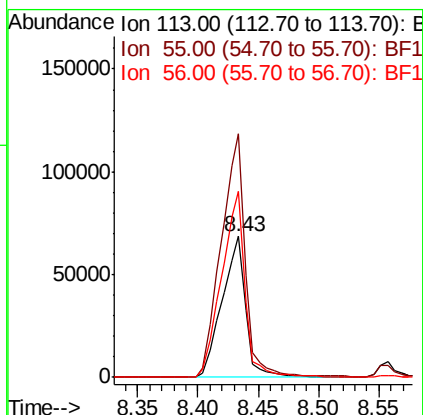
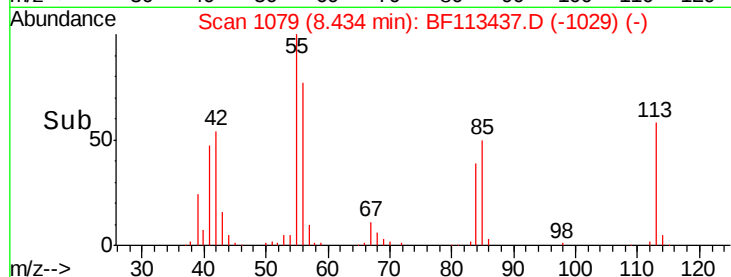
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4/1/2019 5:46:42 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.662 ng

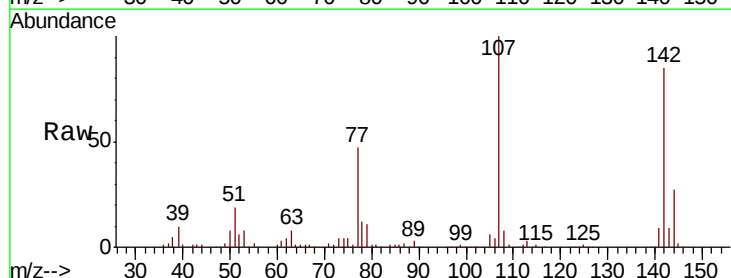
RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

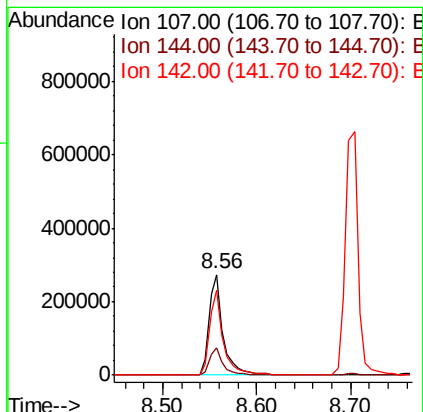
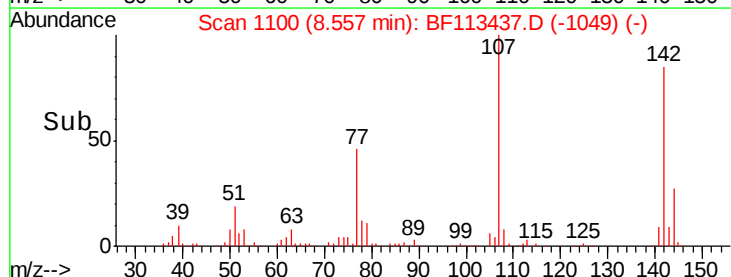
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.4	32.0
142	85.0	65.6	98.4

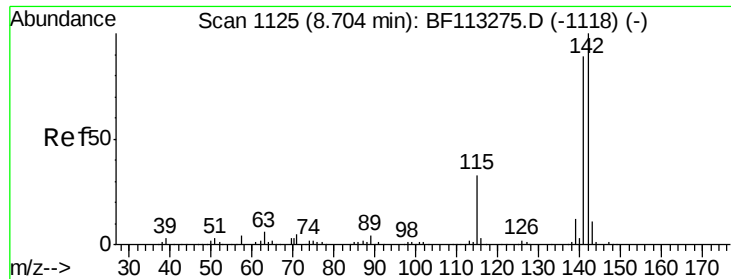


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





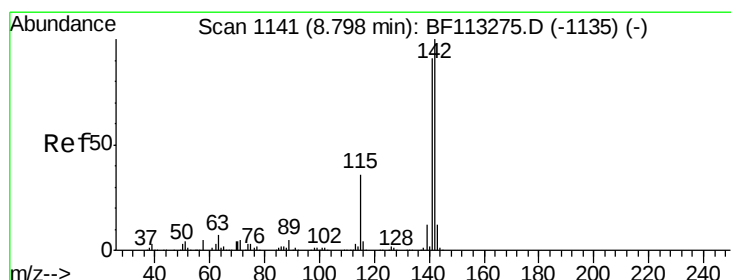
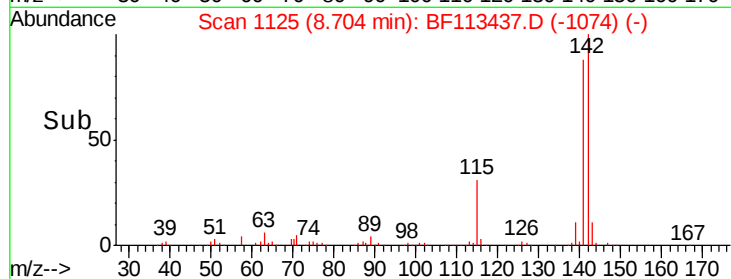
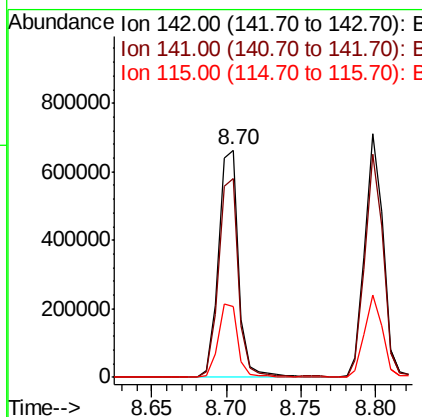
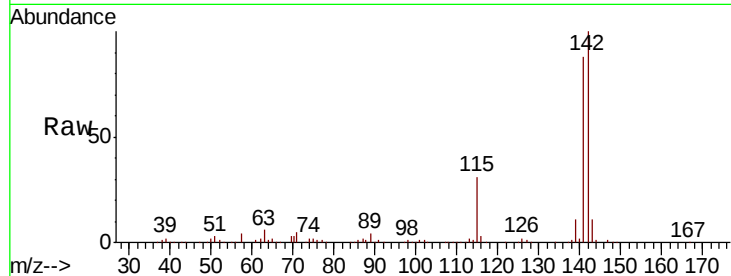
#37
2-Methylnaphthalene
Concen: 44.021 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	31.4	26.6	39.8

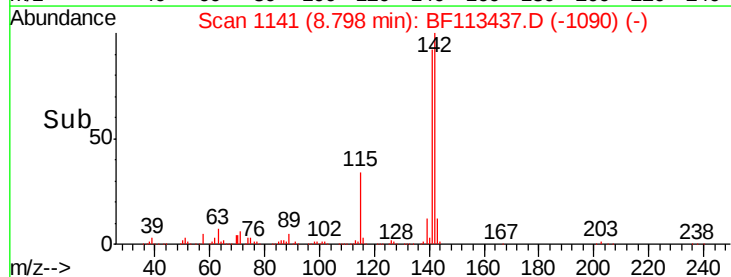
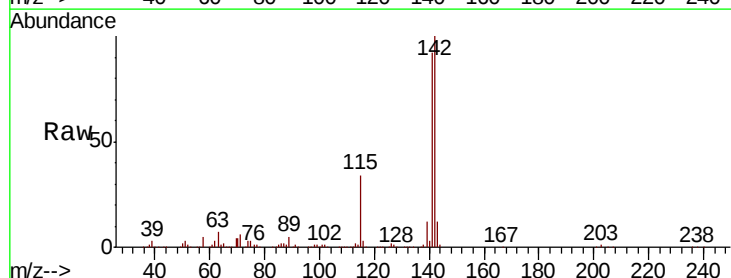
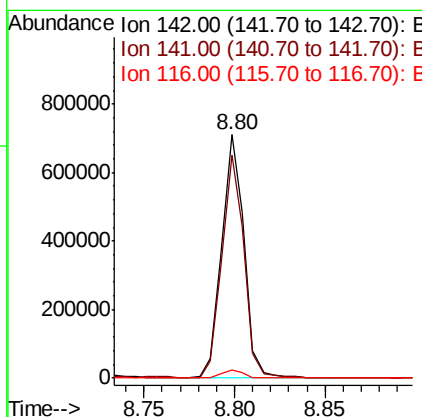
Manual Integrations
APPROVED

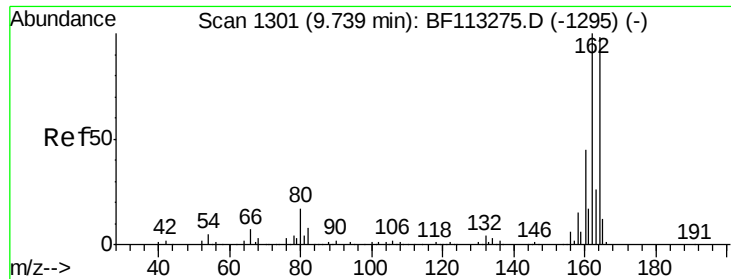
Sohil
4/1/2019 5:46:42 PM



#38
1-Methylnaphthalene
Concen: 44.043 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
116	3.4	3.0	4.4





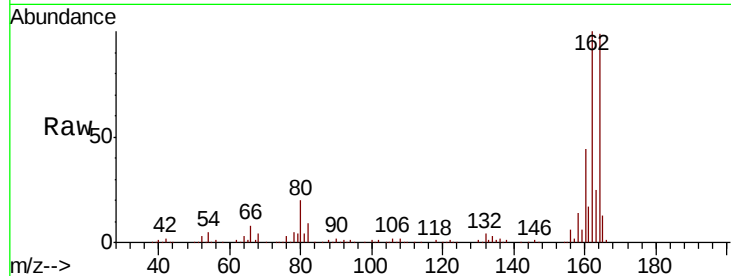
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

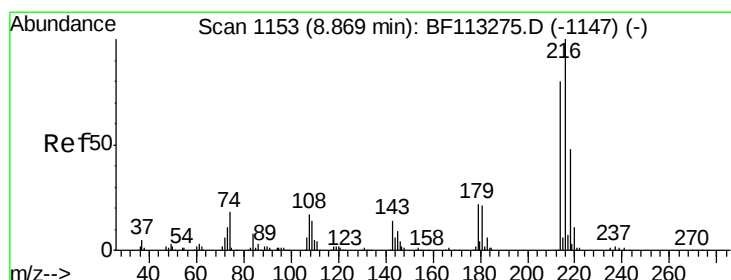
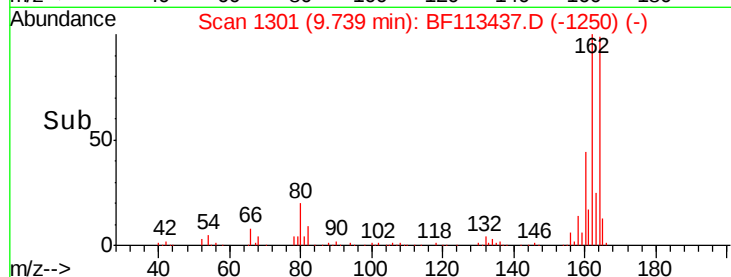
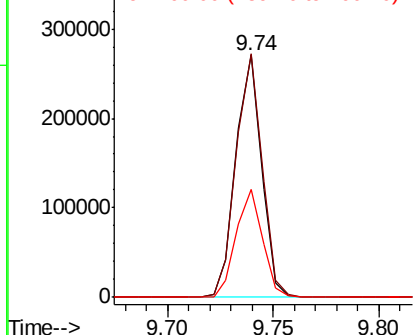
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	81.8	122.6	
160	44.4	36.4	54.6	

Manual Integrations
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4/1/2019 5:46:42 PM



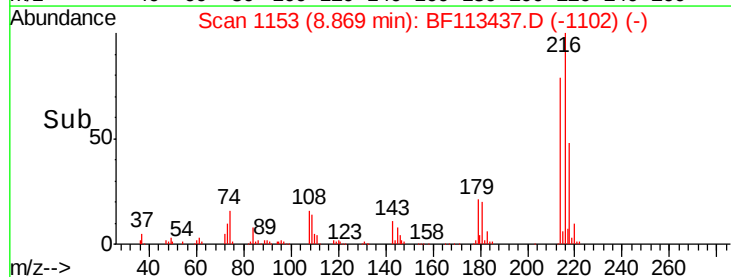
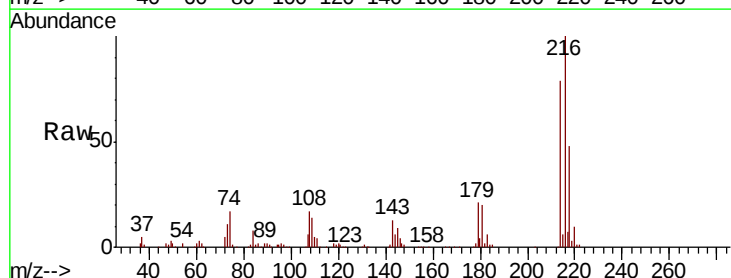
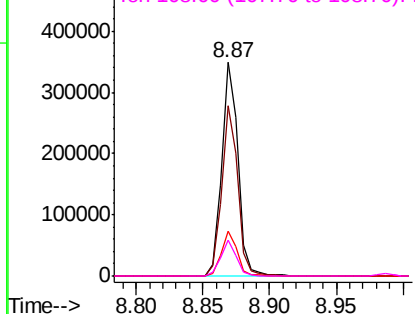
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

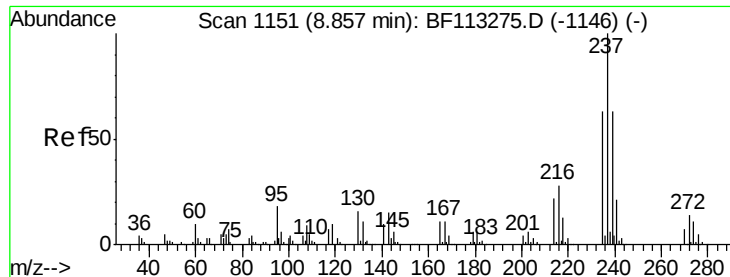


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.216 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.0	94.6	
179	20.3	16.8	25.2	
108	16.1	13.8	20.6	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.316 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

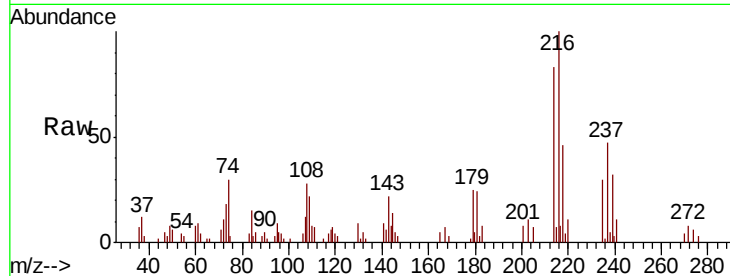
ClientSampleId :

SSTDCCC040

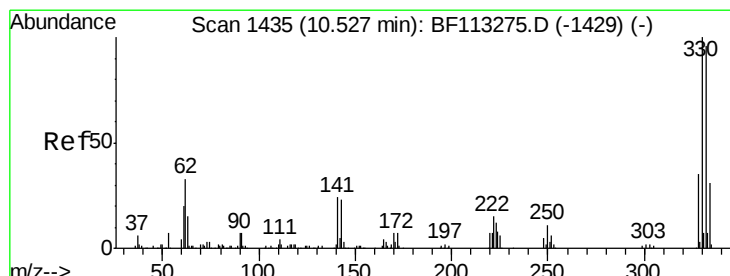
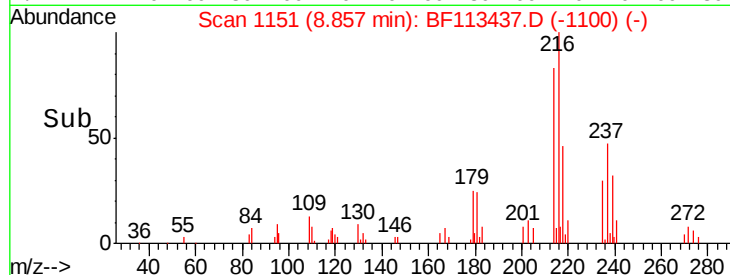
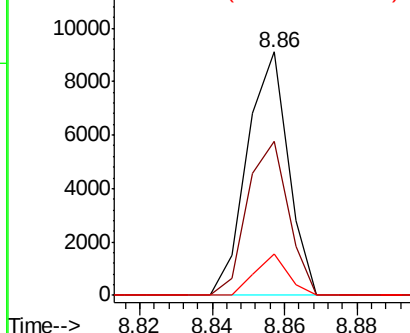
Tot Ion:	237	Resp:	7149
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.4	83.4
272	17.2	0.0	33.7

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4/1/2019 5:46:42 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.439 ng

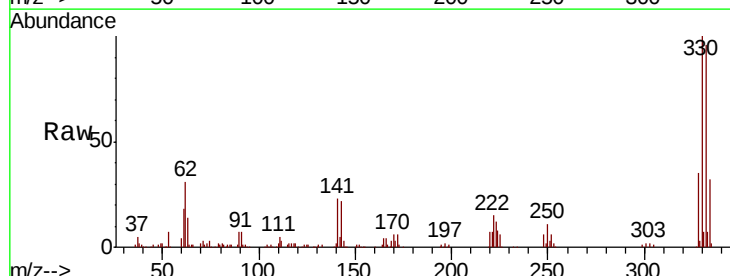
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

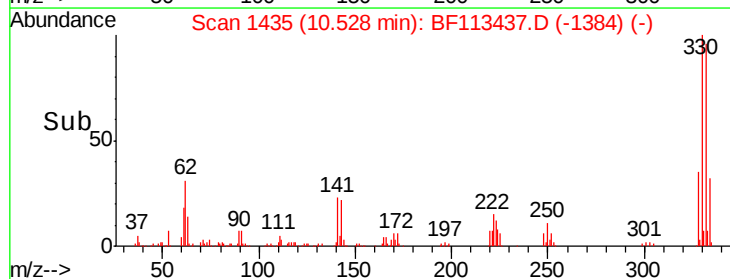
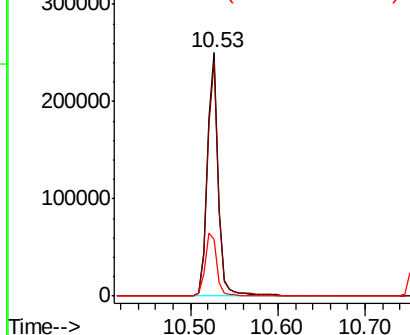
Lab File: BF113437.D

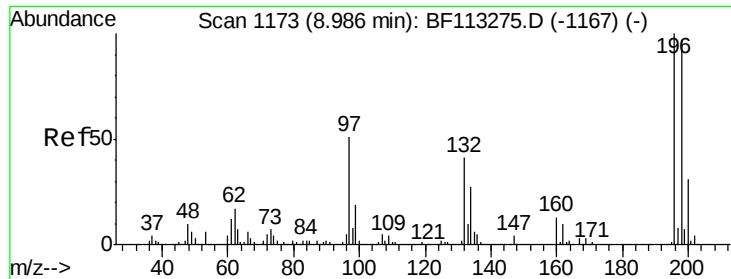
Acq: 30 Mar 2019 3:30

Tgt Ion:	330	Resp:	220114
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.8	116.6
141	27.3	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





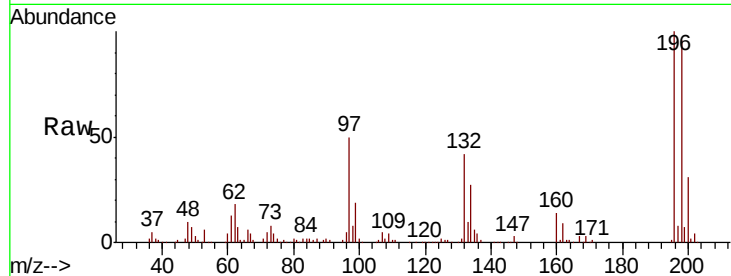
#43
 2,4,6-Trichlorophenol
 Concen: 39.027 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185330		
198	95.9	77.7	116.5	
200	30.8	24.9	37.3	

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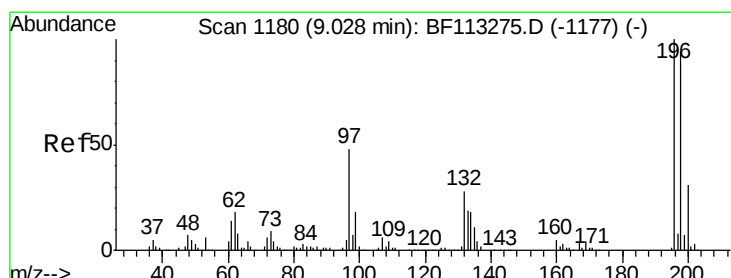
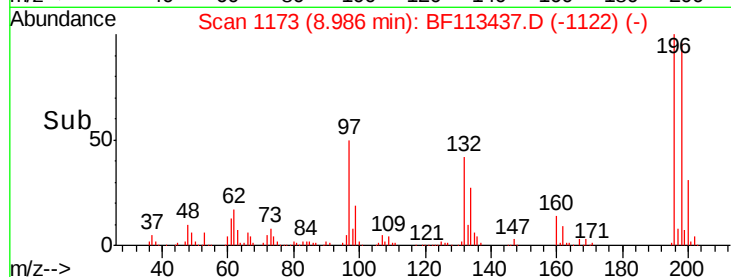
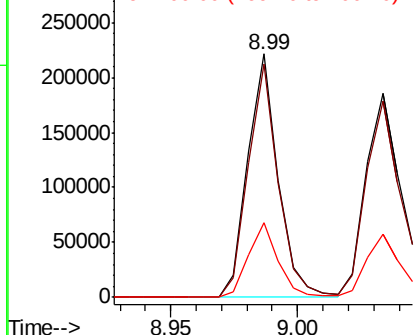


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.001 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199714		
198	96.5	75.4	113.2	
97	44.6	38.6	58.0	
132	27.7	22.9	34.3	

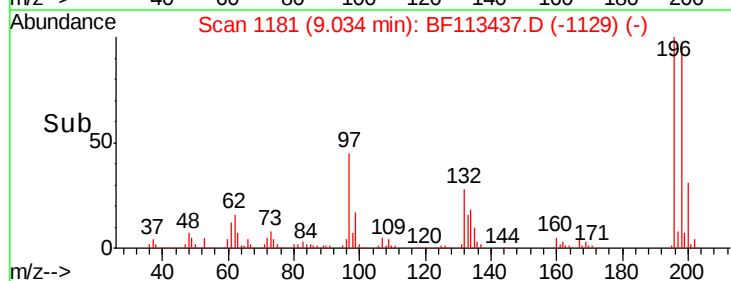
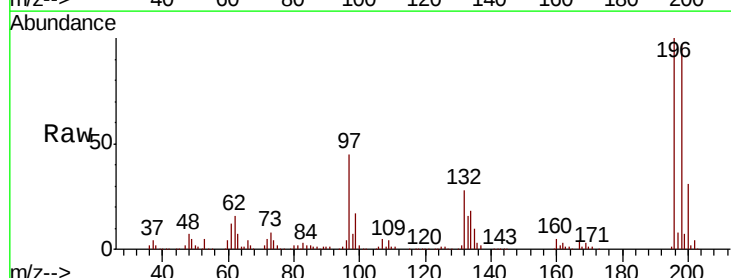
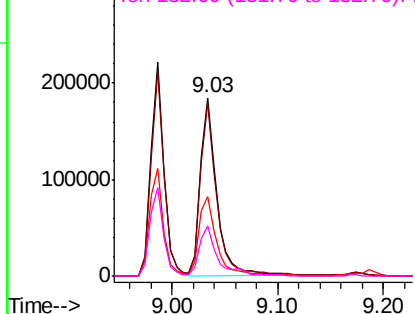
Abundance

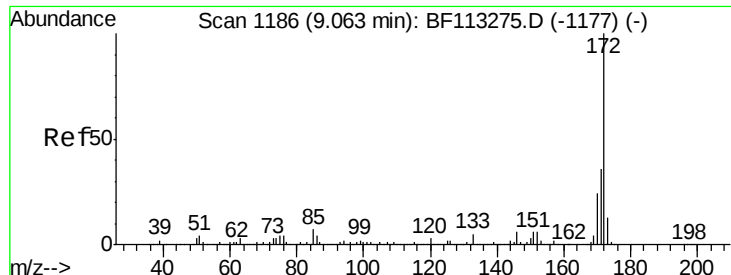
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





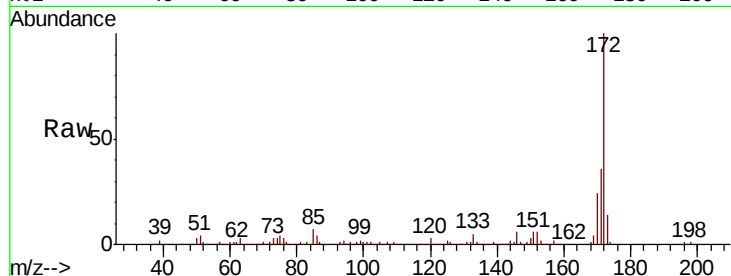
#45
2-Fluorobiphenyl
Concen: 84.681 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.2	19.5	29.3

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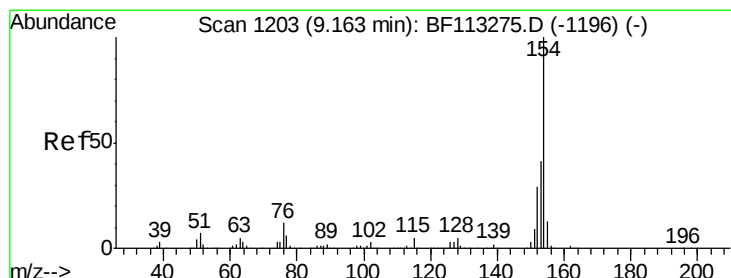
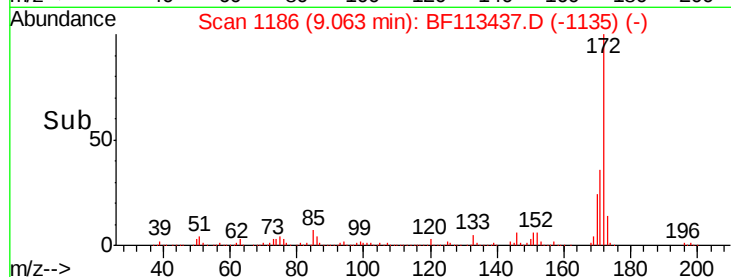
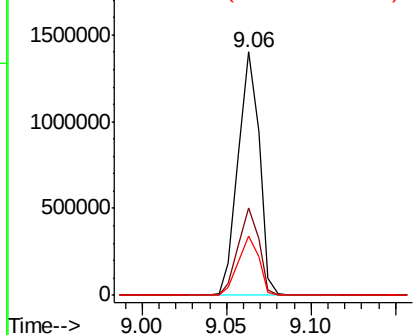


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.880 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

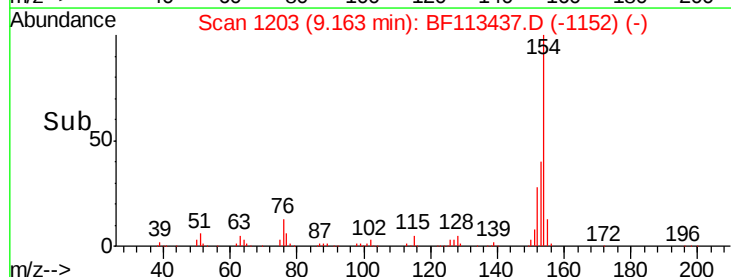
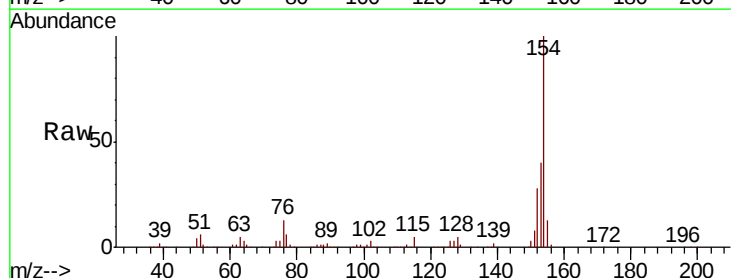
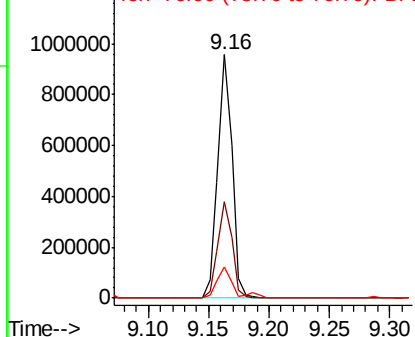
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.8	60.8
76	12.5	0.0	31.9

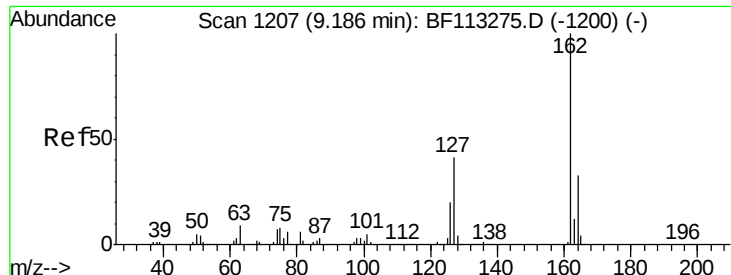
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





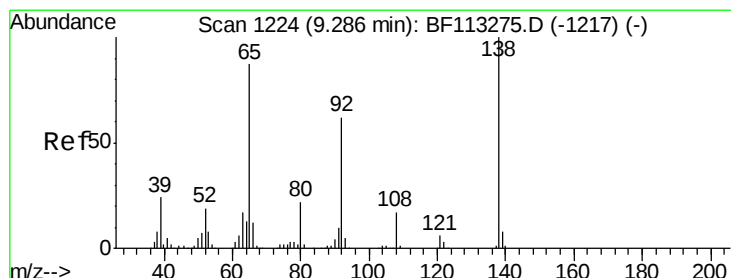
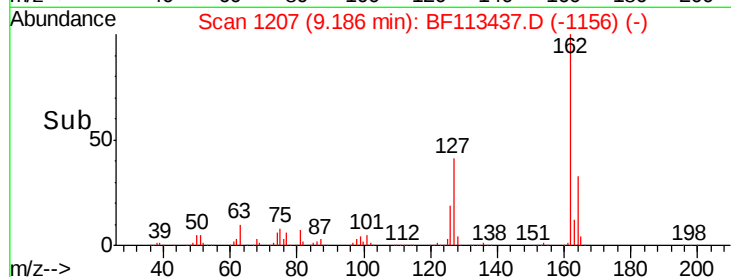
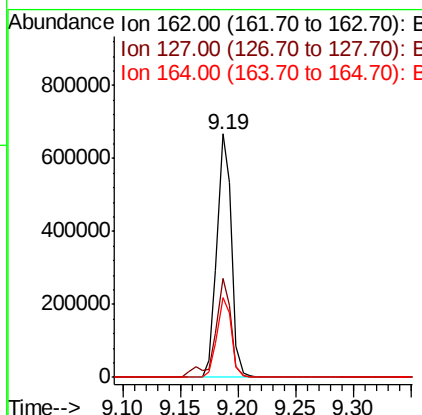
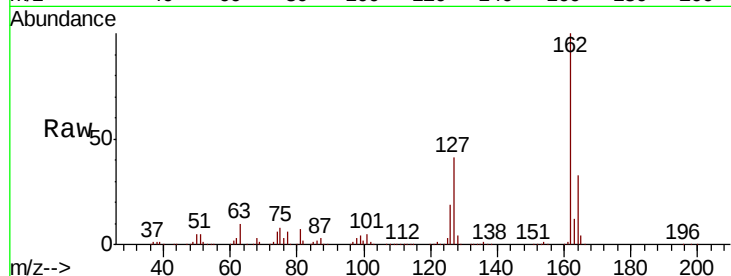
#47
2-Chloronaphthalene
Concen: 40.015 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	584582		
127	40.8		32.6	49.0
164	32.9		26.6	39.8

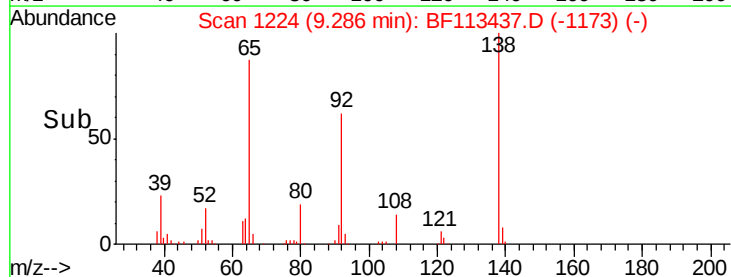
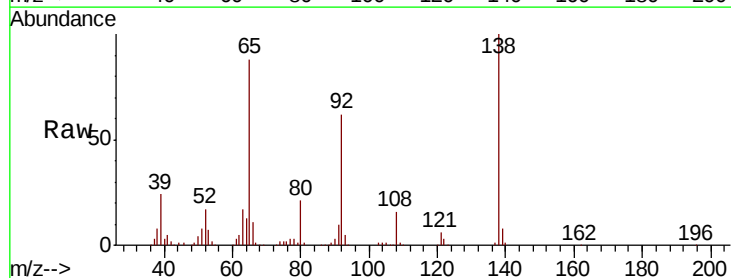
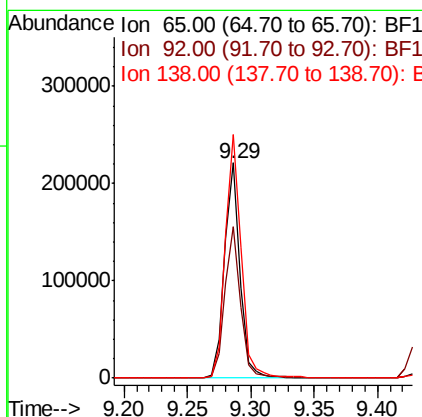
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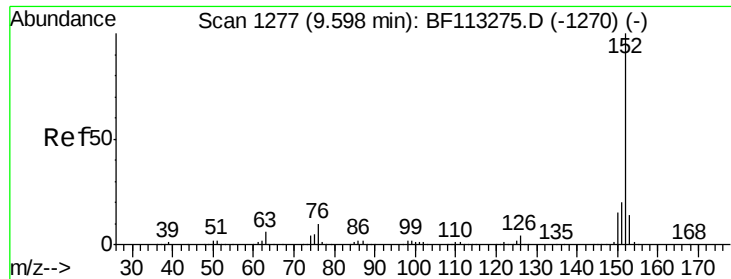
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4/1/2019 5:46:42 PM



#48
2-Nitroaniline
Concen: 41.453 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	190044		
92	70.7		56.8	85.2
138	113.3		92.3	138.5





#49

Acenaphthylene

Concen: 41.736 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

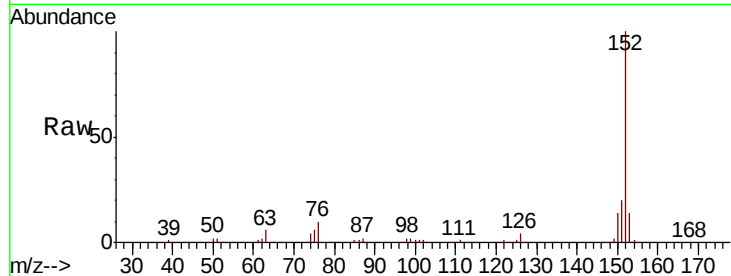
ClientSampleId :

SSTDCCC040

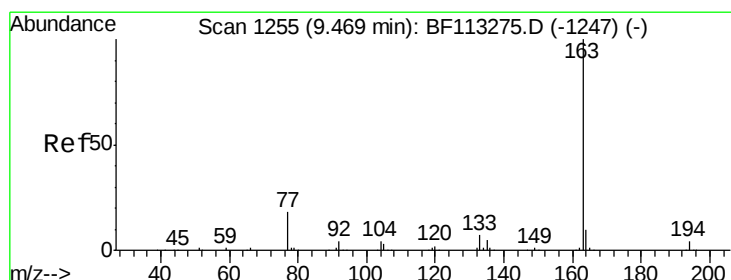
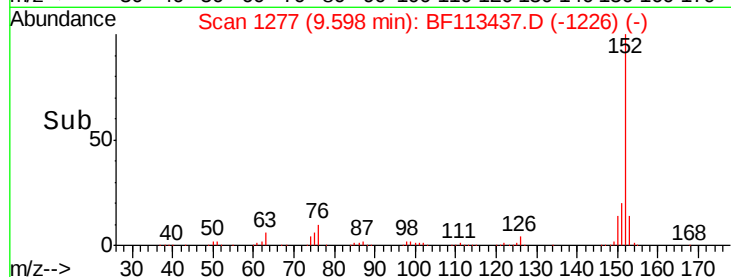
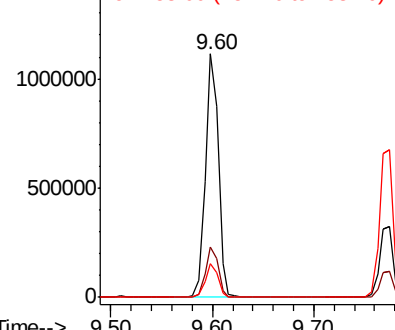
Tot Ion:	152	Resp:	985852
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.6	11.0	16.6

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4/1/2019 5:46:42 PM



Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.313 ng

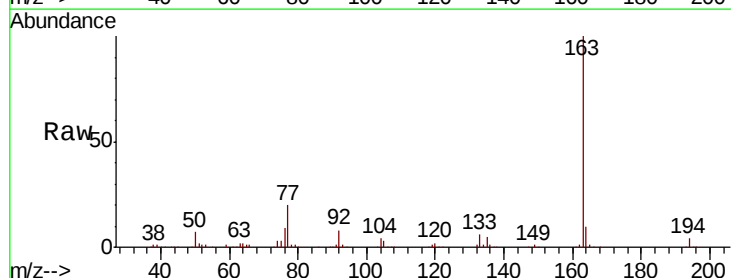
RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

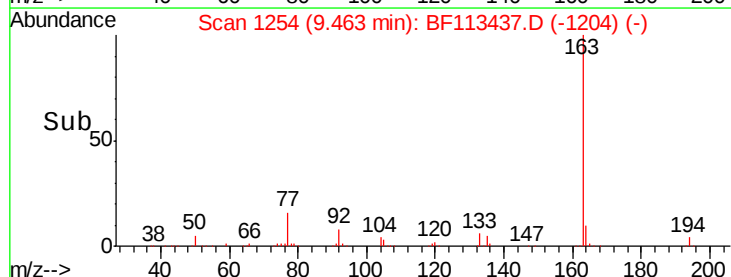
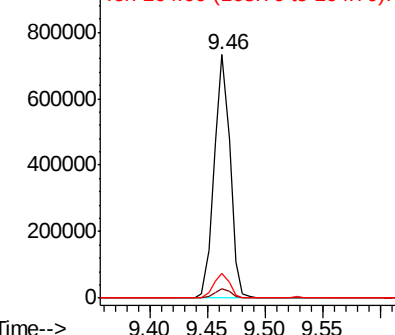
Lab File: BF113437.D

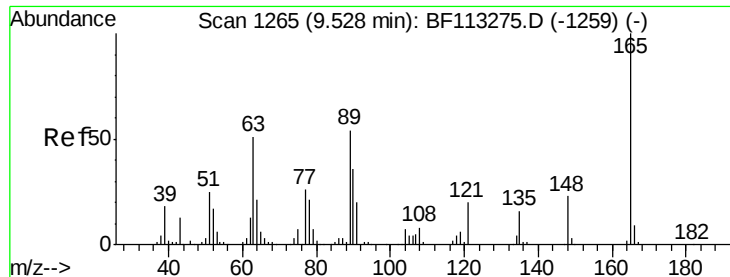
Acq: 30 Mar 2019 3:30

Tgt Ion:	163	Resp:	695537
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.820 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

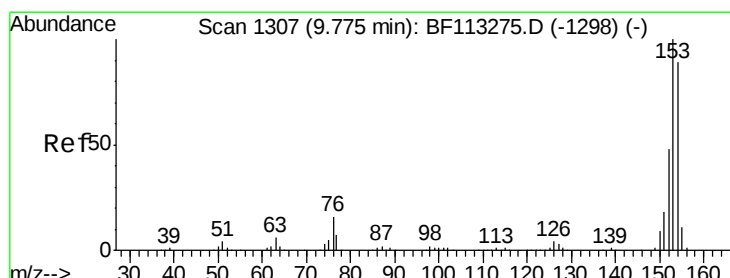
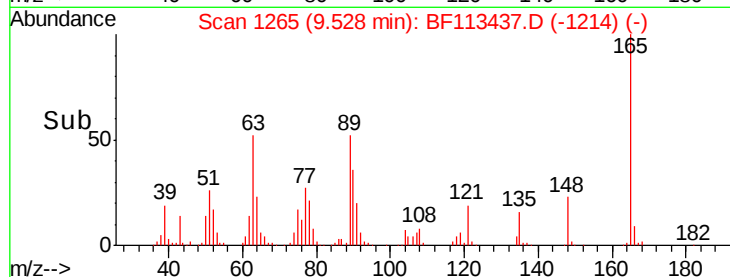
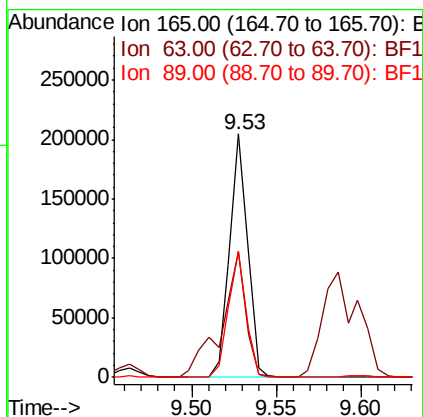
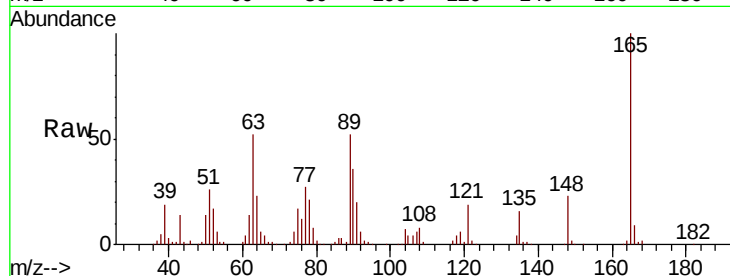
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	151242
Ion Ratio	Lower	Upper	
165	100		
63	51.9	43.4	65.0
89	51.7	43.1	64.7

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4/1/2019 5:46:42 PM



#52

Acenaphthene

Concen: 41.068 ng

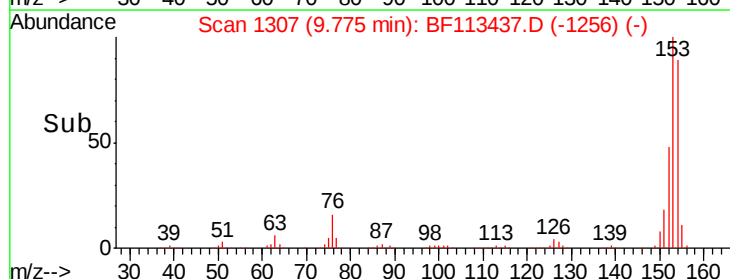
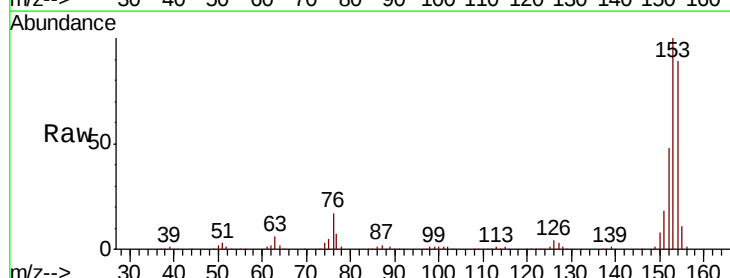
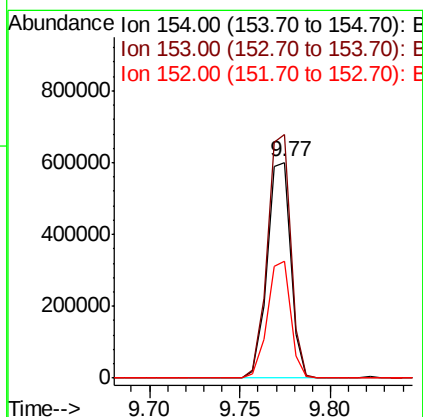
RT: 9.77 min Scan# 1307

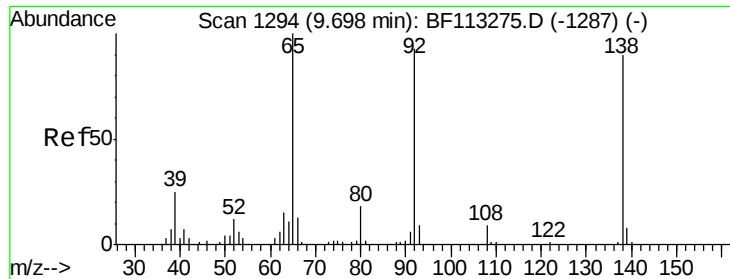
Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	154	Resp:	546306
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.5	134.3
152	53.9	43.3	64.9





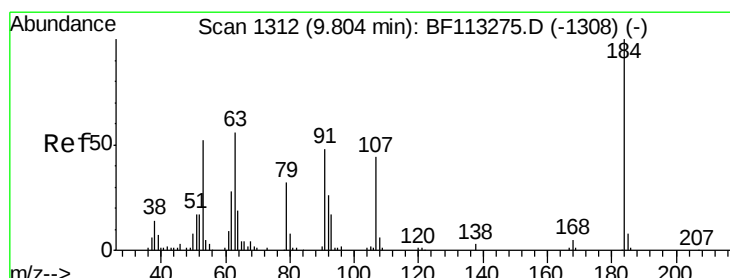
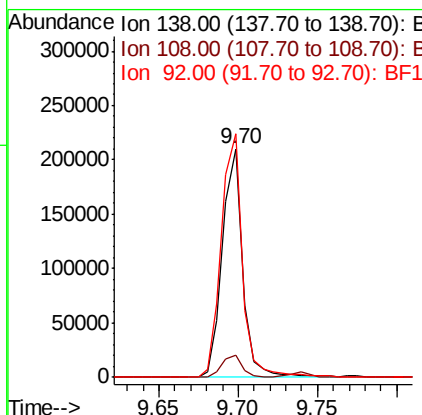
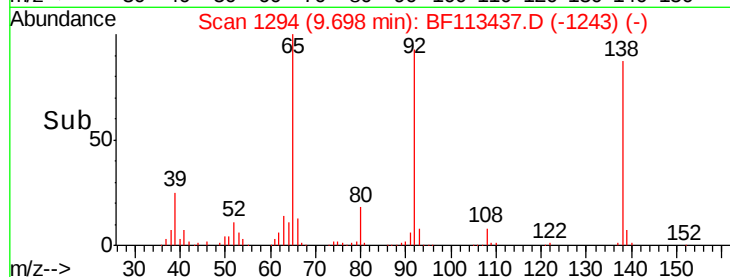
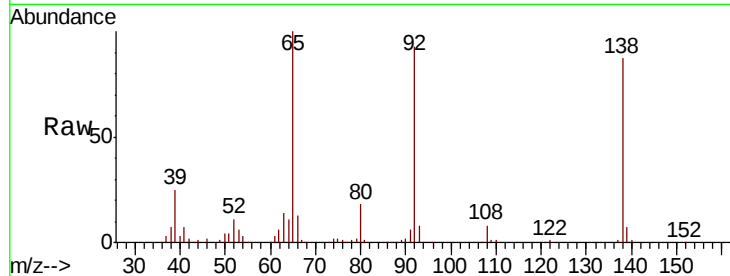
#53
3-Nitroaniline
Concen: 43.845 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	106.7	82.6	124.0

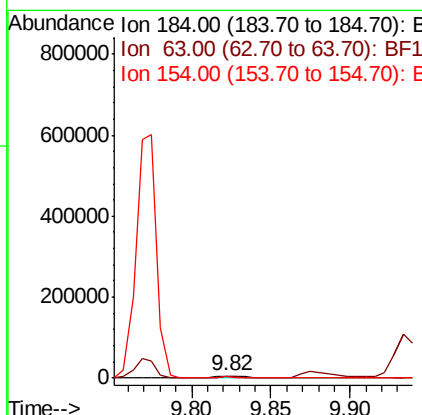
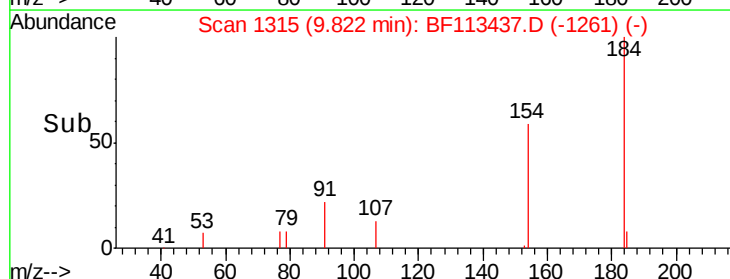
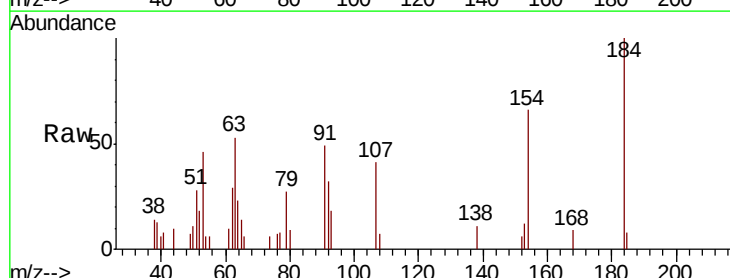
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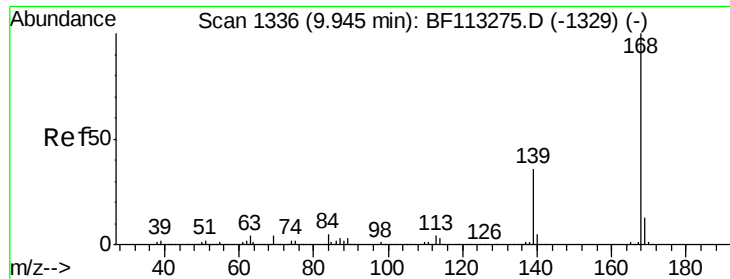
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4/1/2019 5:46:42 PM



#54
2,4-Dinitrophenol
Concen: 4.935 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.4	54.3	81.5#
154	65.9	48.4	72.6





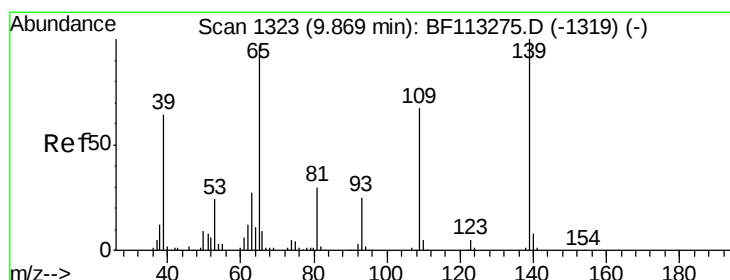
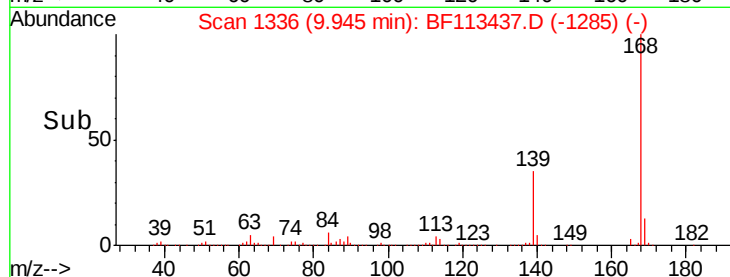
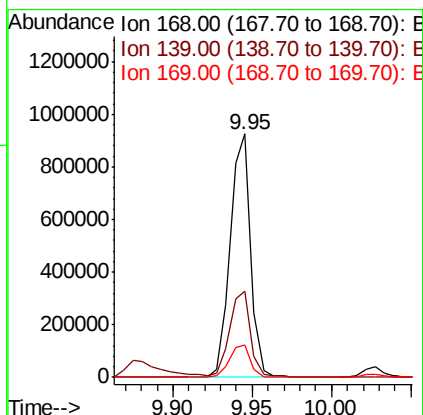
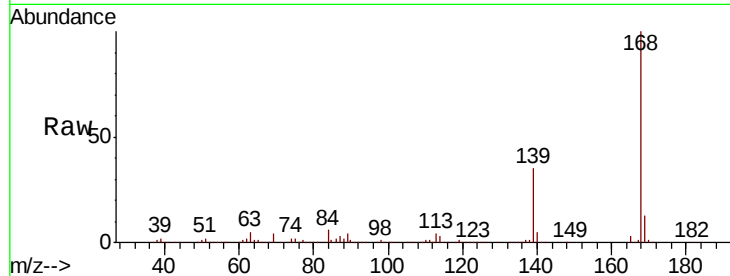
#55
Dibenzenofuran
Concen: 41.280 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.7	44.5
169	13.3	10.7	16.1

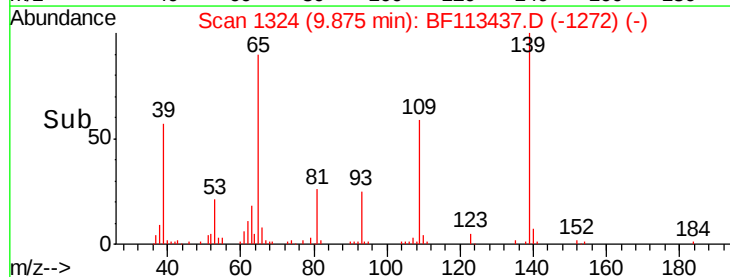
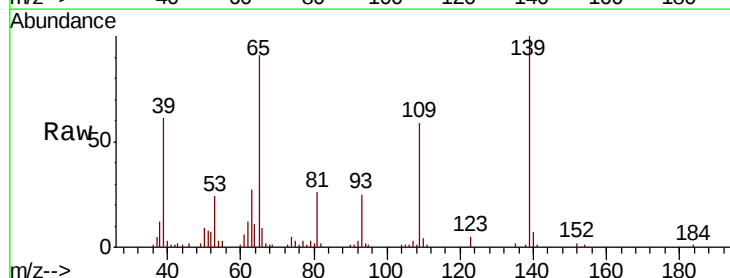
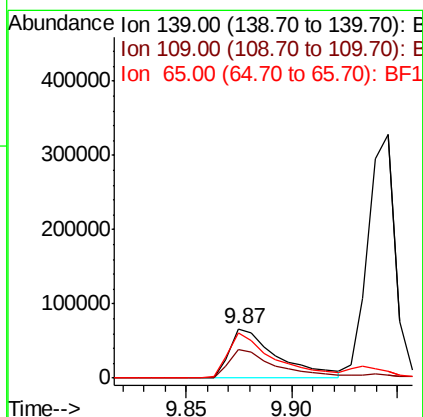
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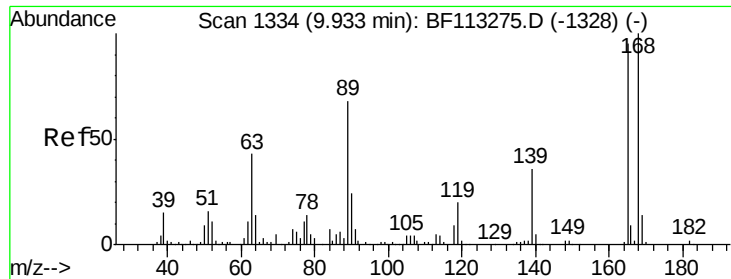
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#56
4-Nitrophenol
Concen: 34.243 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.7	46.9	86.9
65	91.2	77.2	117.2





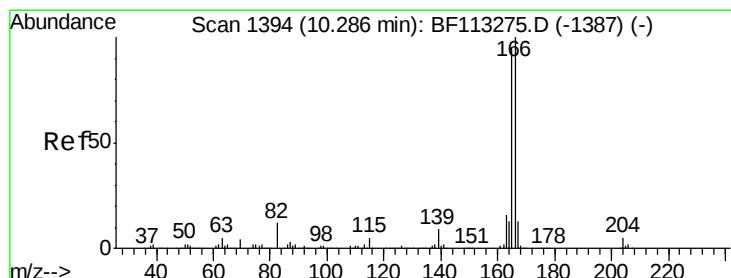
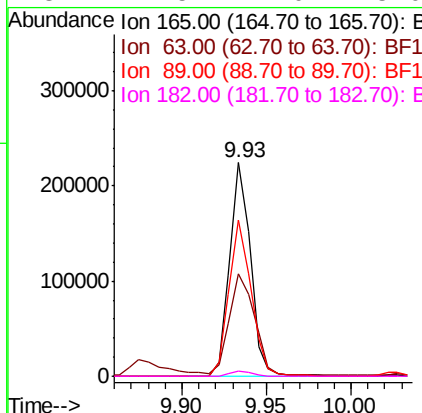
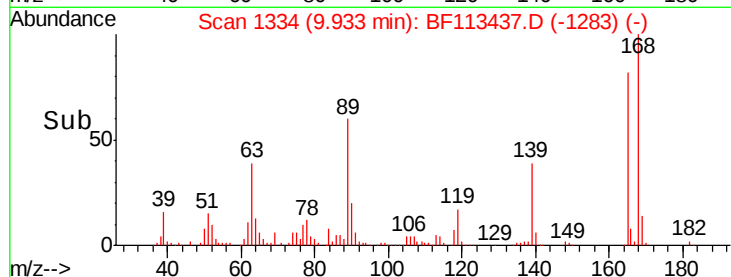
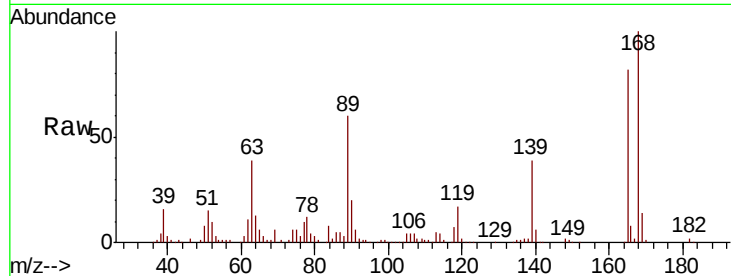
#57
2,4-Dinitrotoluene
Concen: 40.003 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193216		
63	47.7	37.5	56.3	
89	73.2	57.4	86.2	
182	2.5	2.0	3.0	

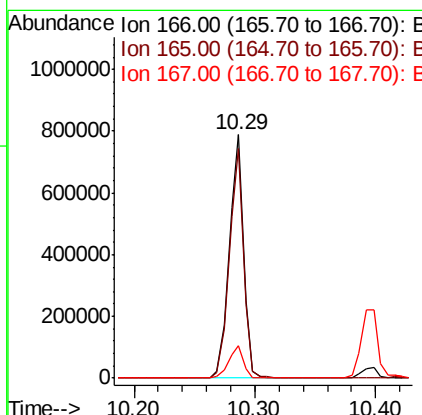
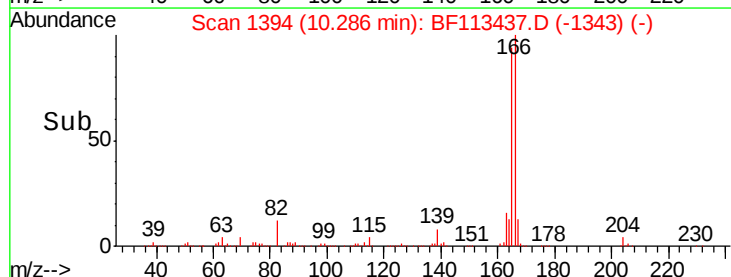
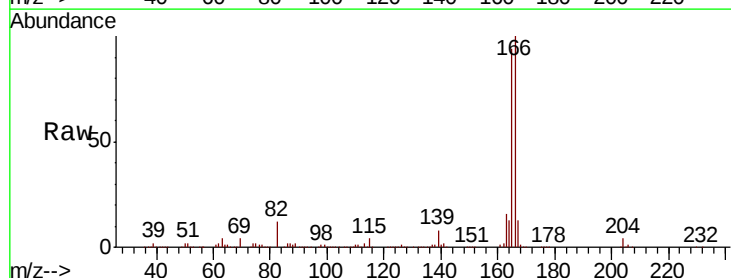
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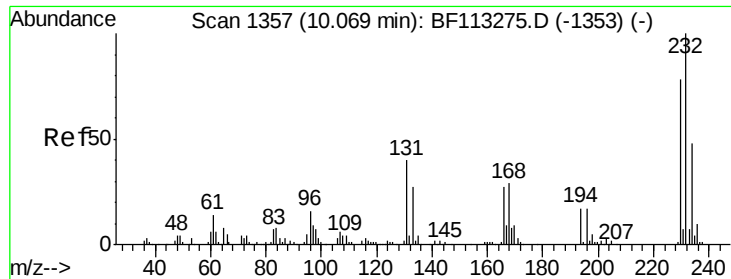
Sohil
4/1/2019 5:46:42 PM



#58
Fluorene
Concen: 41.614 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	646486		
165	94.1	76.2	114.2	
167	13.3	10.7	16.1	





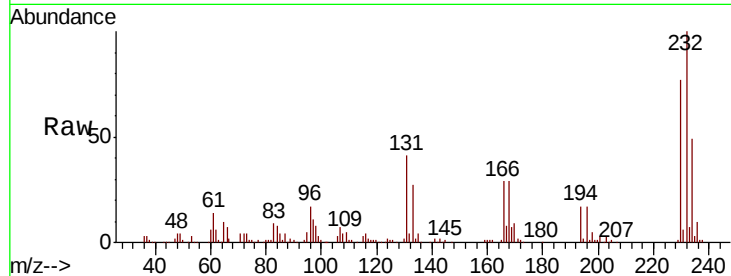
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.411 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166262		
131	40.7	33.2	49.8	
130	1.8	1.6	2.4	
166	27.0	21.0	31.6	

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4/1/2019 5:46:42 PM



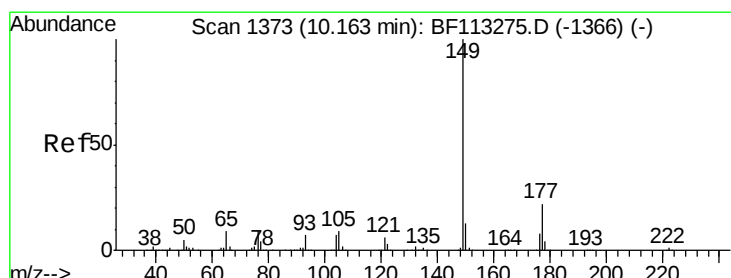
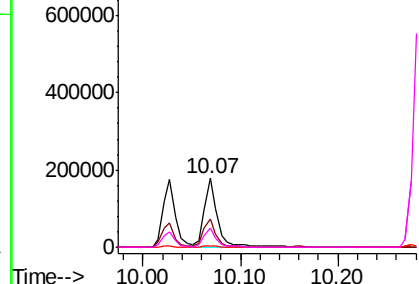
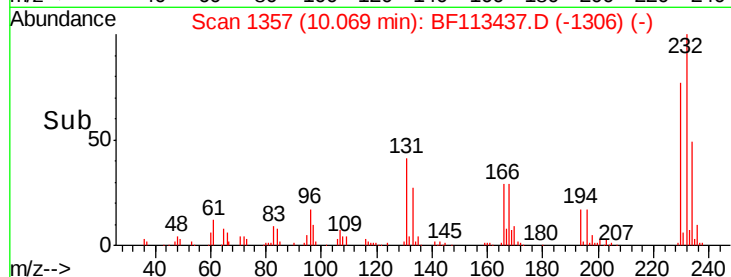
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

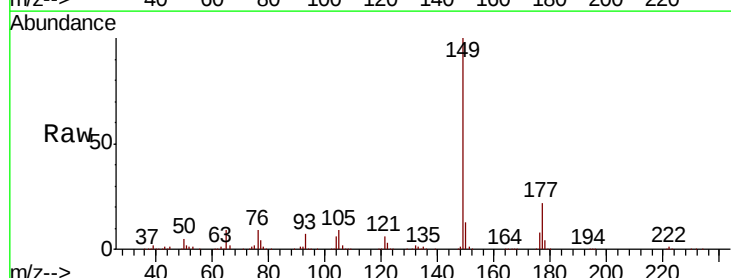
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.948 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	676297		
177	21.9	17.4	26.0	
150	12.9	10.0	15.0	

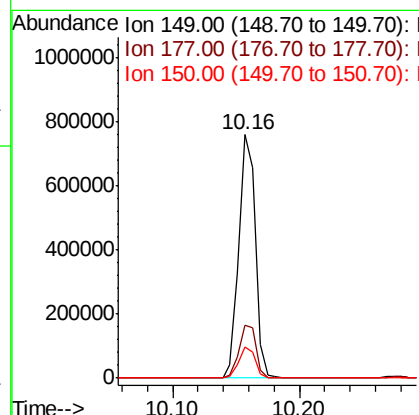
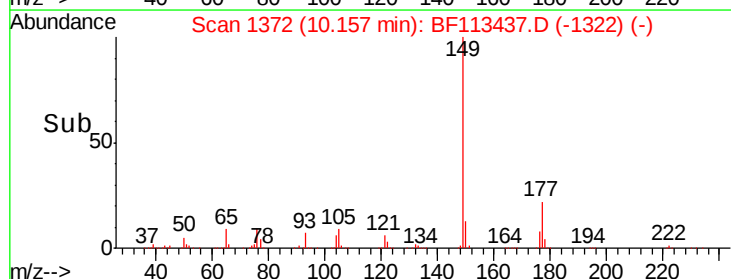


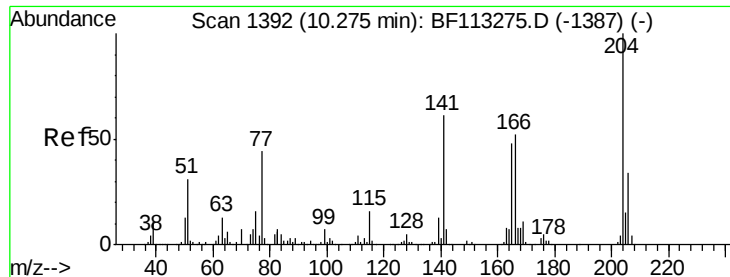
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





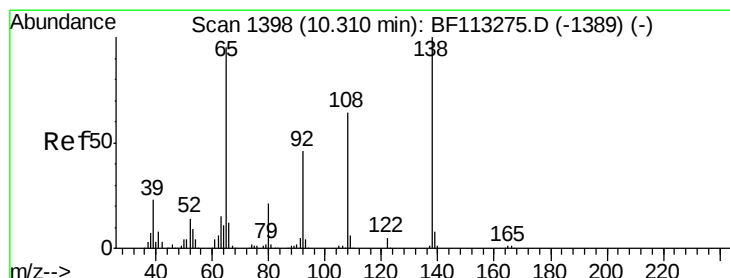
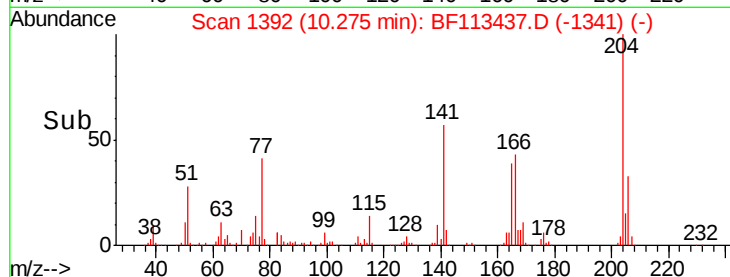
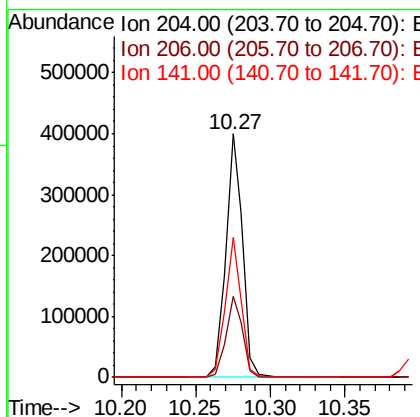
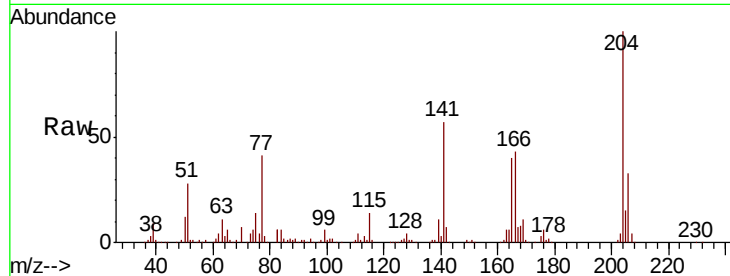
#61
4-Chlorophenyl-phenylether
Concen: 41.733 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.9	40.3
141	57.3	48.8	73.2

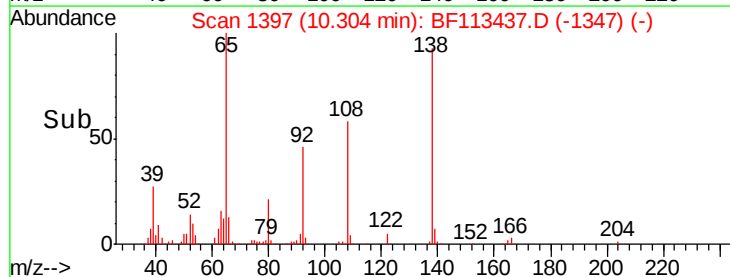
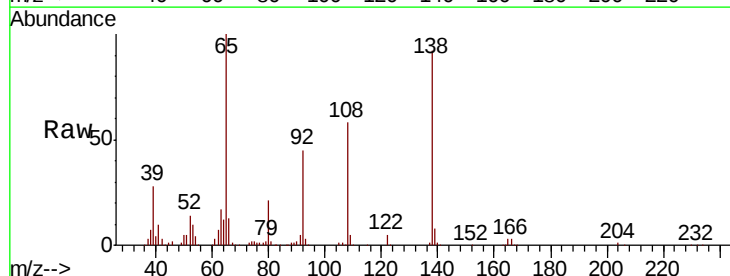
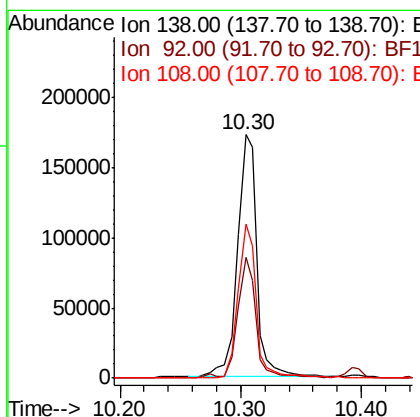
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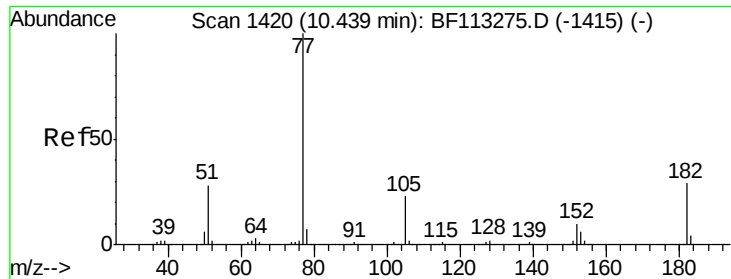
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4/1/2019 5:46:42 PM



#62
4-Nitroaniline
Concen: 44.157 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	25.8	65.8
108	63.0	44.0	84.0





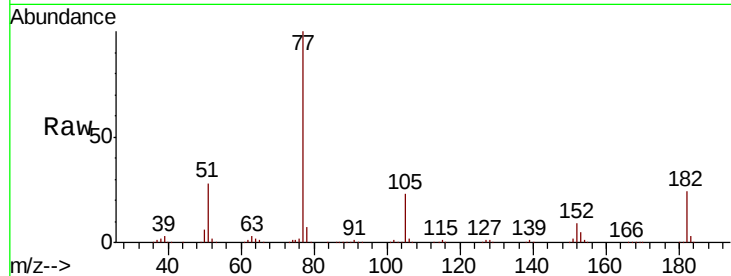
#63
Azobenzene
Concen: 41.054 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

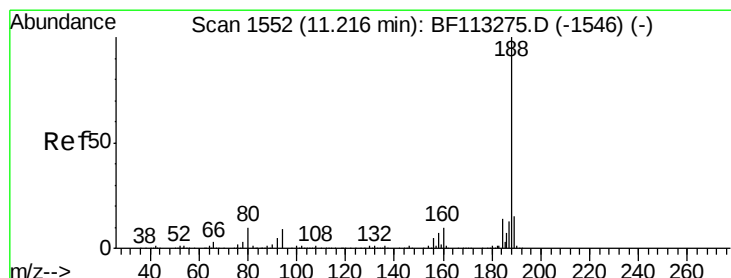
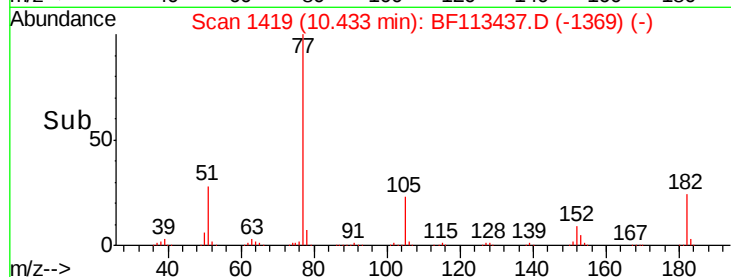
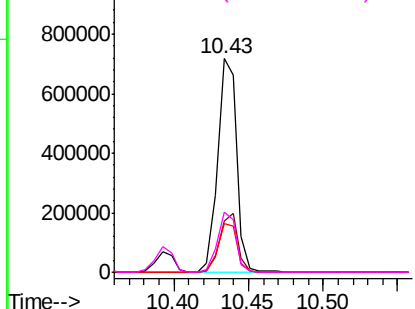
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	8.7	48.7	
105	22.7	2.9	42.9	
51	28.2	8.8	48.8	

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4/1/2019 5:46:42 PM



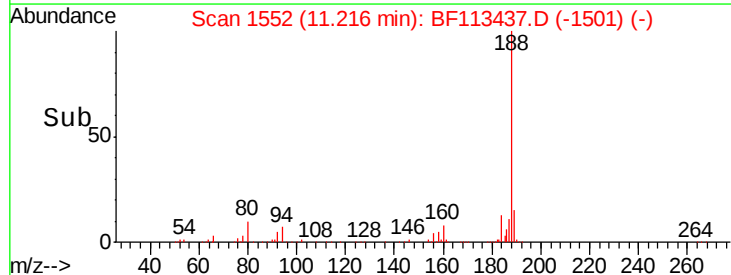
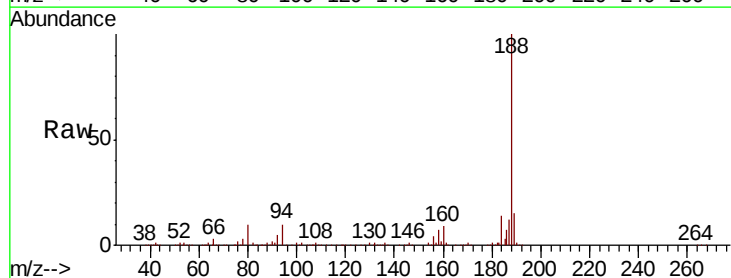
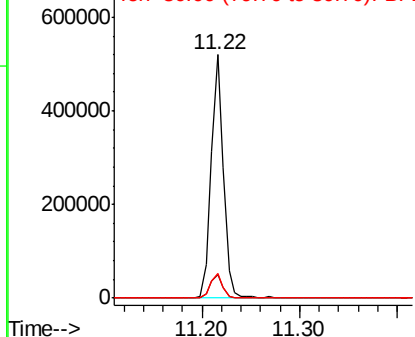
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

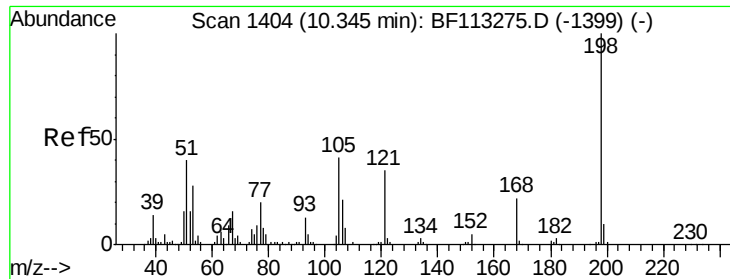


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	7.0	10.6	
80	10.0	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





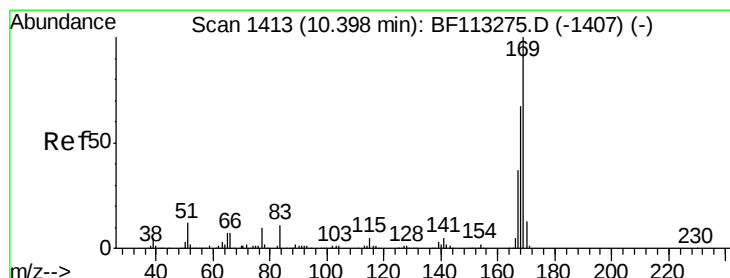
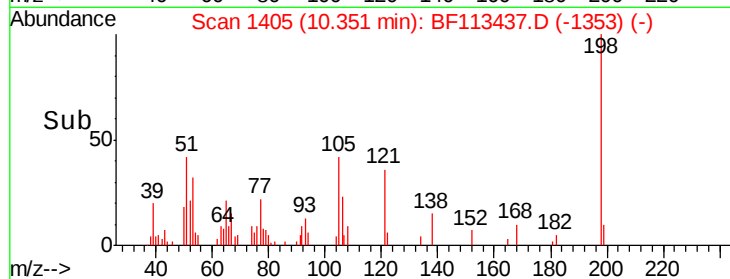
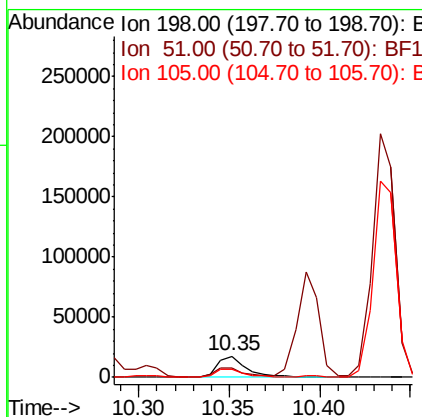
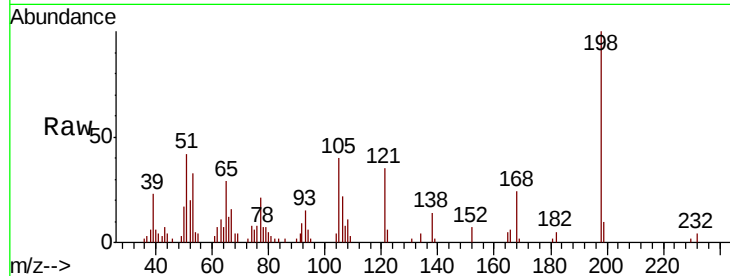
#65
4,6-Dinitro-2-methylphenol
Concen: 8.091 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	19992		
51	42.1		21.6	61.6
105	40.0		20.6	60.6

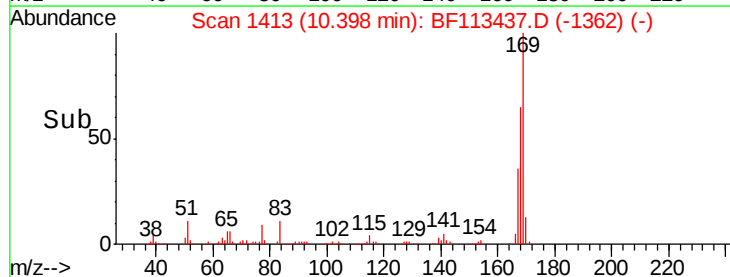
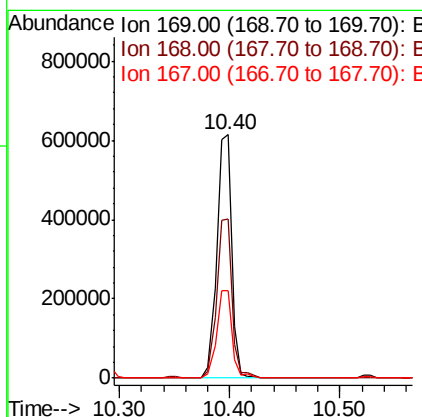
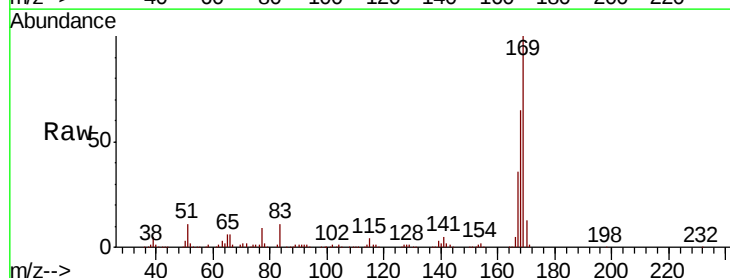
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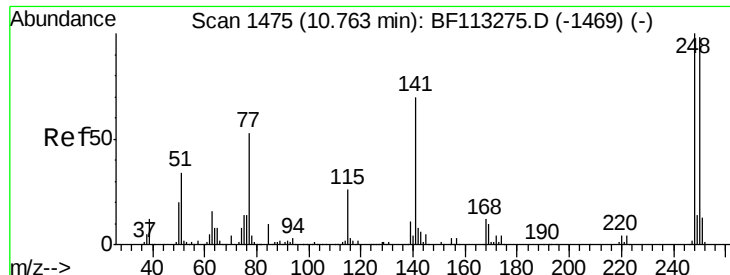
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4/1/2019 5:46:42 PM



#66
n-Nitrosodiphenylamine
Concen: 41.648 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	577214		
168	65.4		53.7	80.5
167	35.7		29.5	44.3





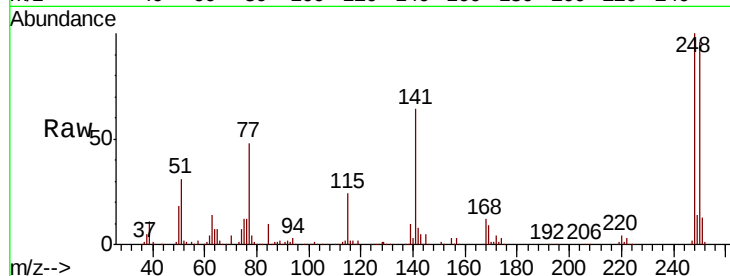
#67
4-Bromophenyl-phenylether
Concen: 42.297 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.3	117.5
141	63.7	56.2	84.4

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4/1/2019 5:46:42 PM

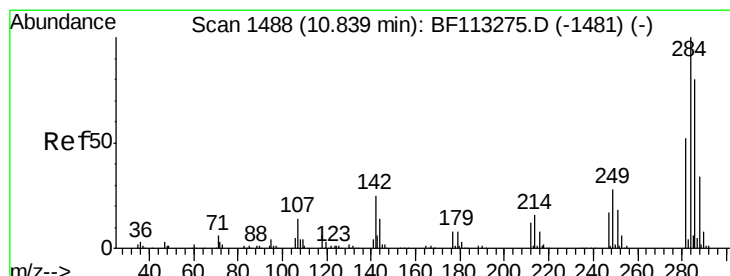
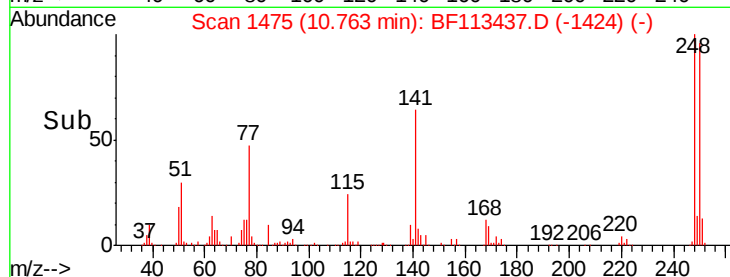
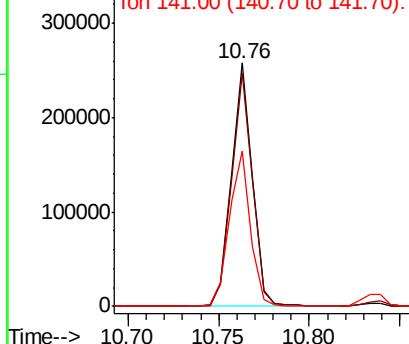


Abundance

Ion 248.00 (247.70 to 248.70): E

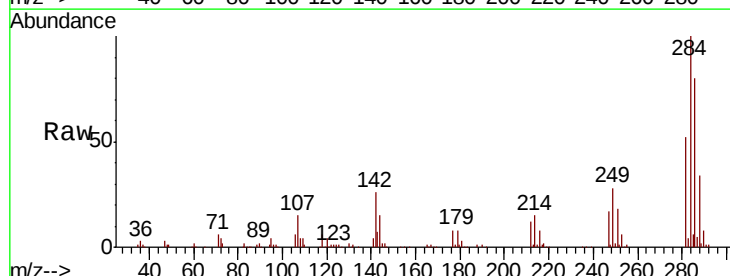
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.256 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.1	30.1
249	27.9	22.7	34.1

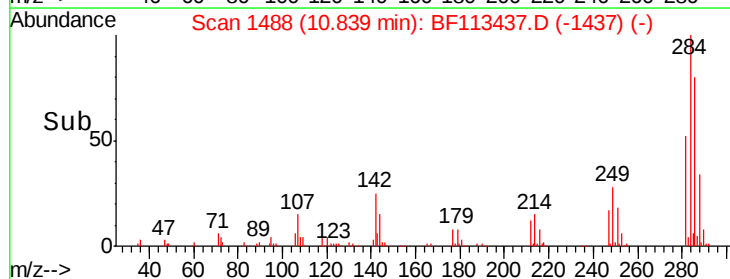
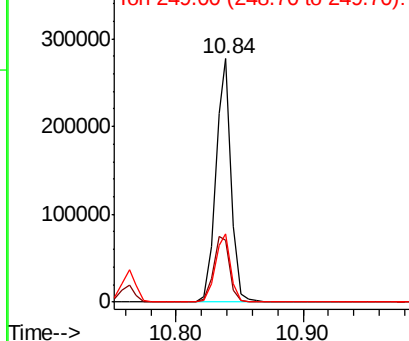


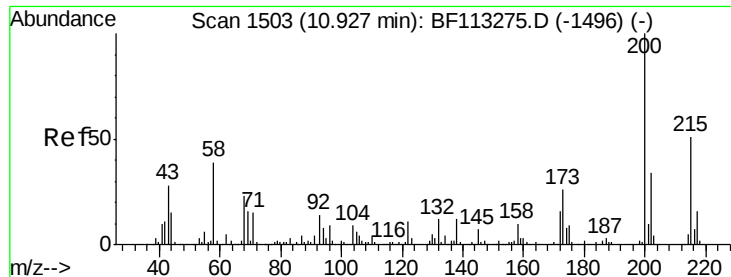
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





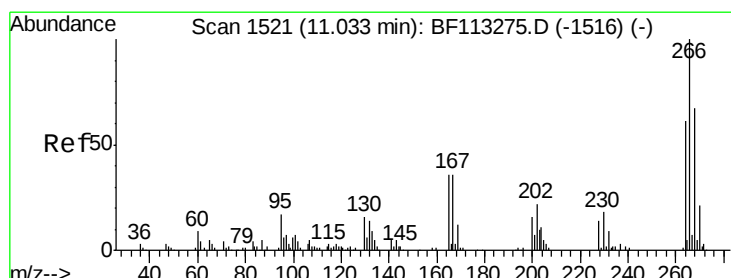
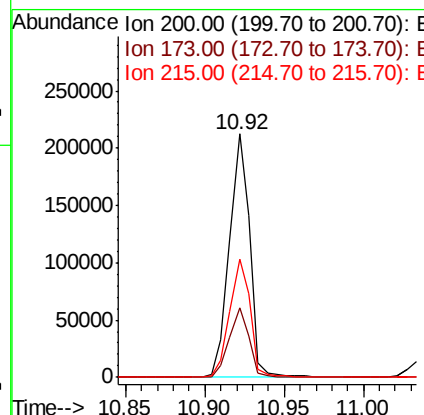
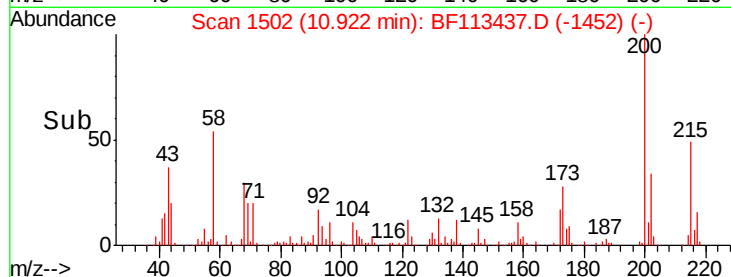
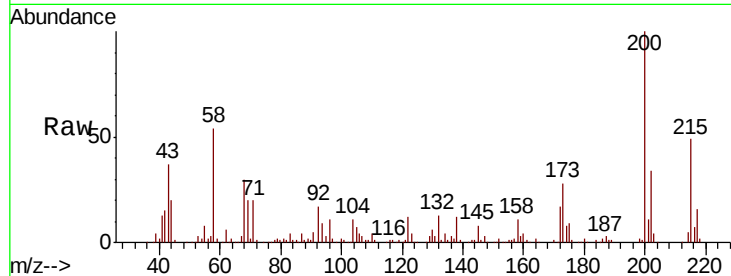
#69
Atrazine
Concen: 43.049 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	6.0	46.0
215	48.8	31.3	71.3

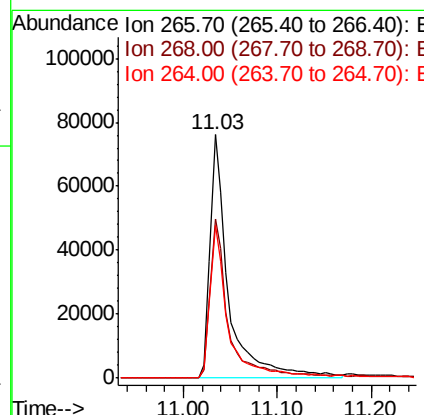
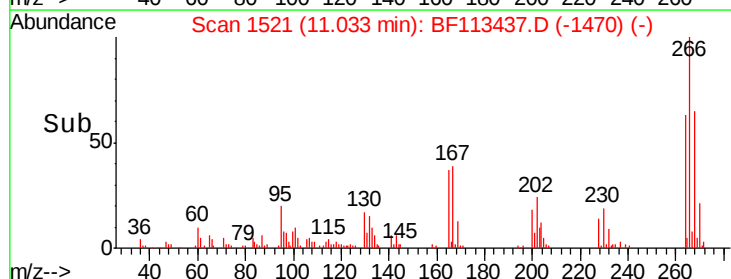
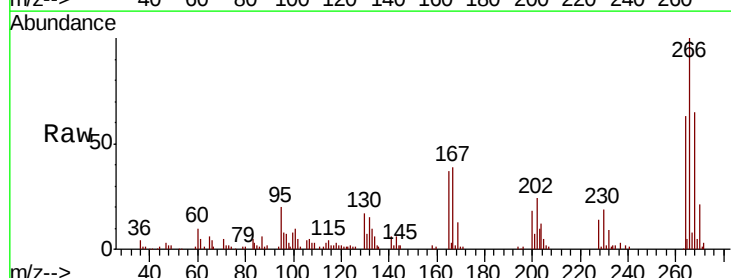
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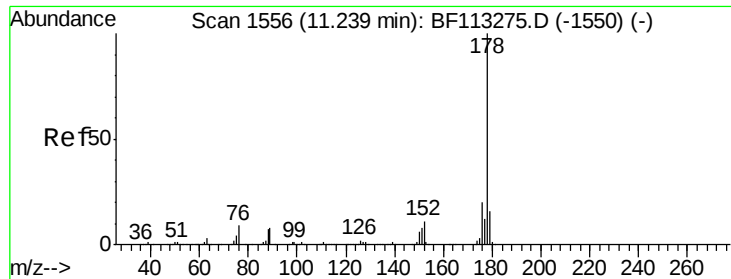
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4/1/2019 5:46:42 PM



#70
Pentachlorophenol
Concen: 35.624 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	53.8	80.6
264	62.8	49.2	73.8





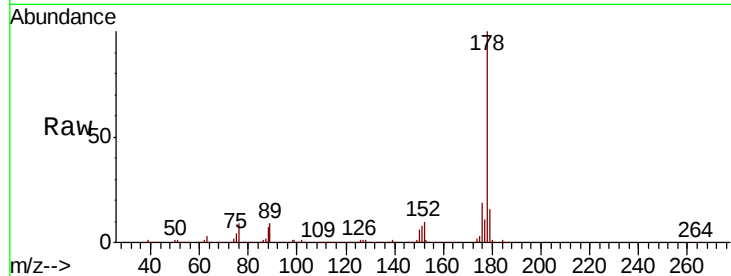
#71
Phenanthrene
Concen: 41.935 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

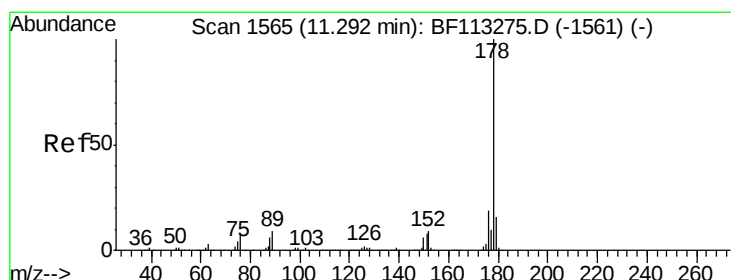
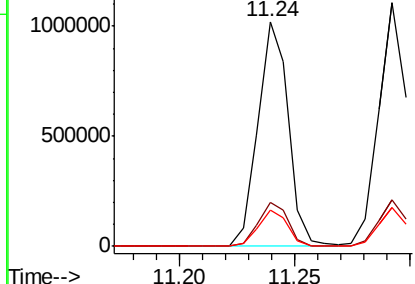
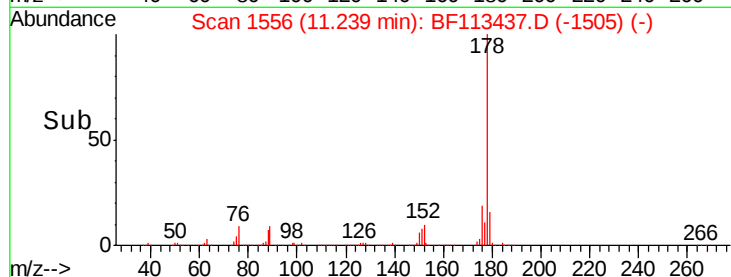
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	15.9	12.7	19.1

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4/1/2019 5:46:42 PM



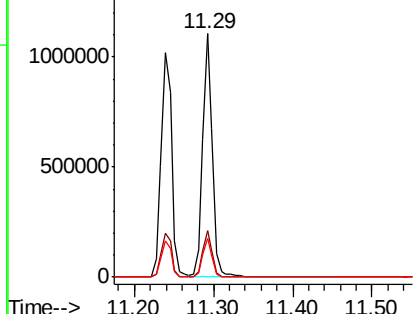
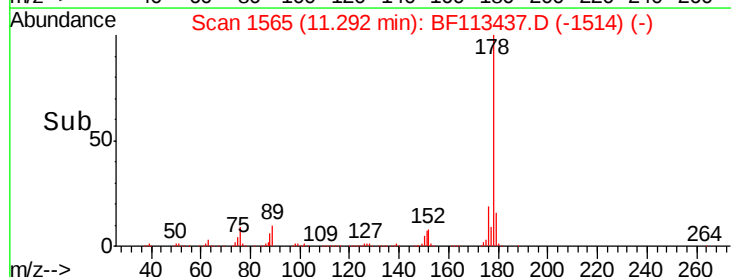
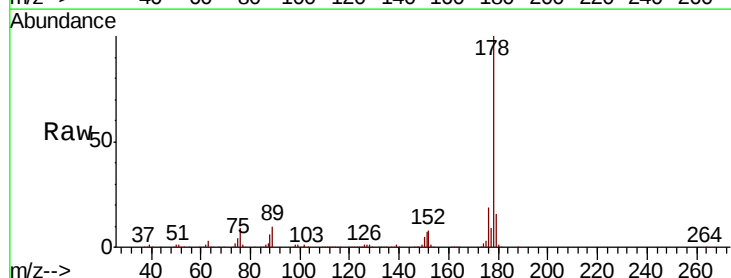
Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

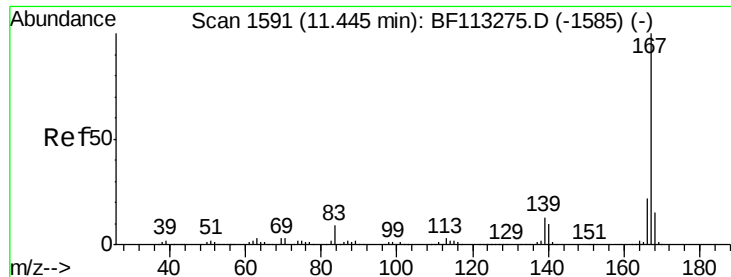


#72
Anthracene
Concen: 42.442 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





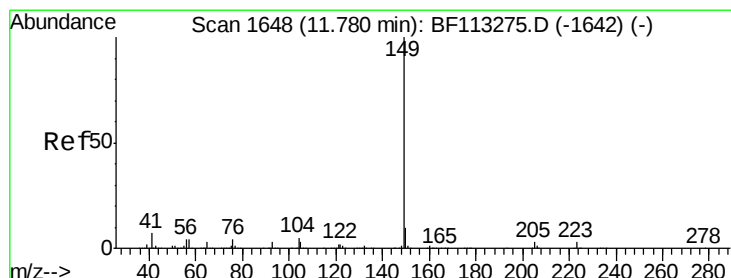
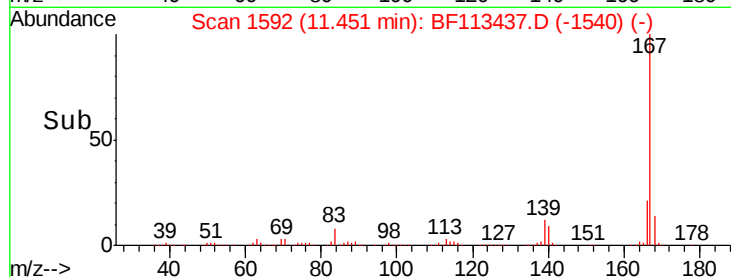
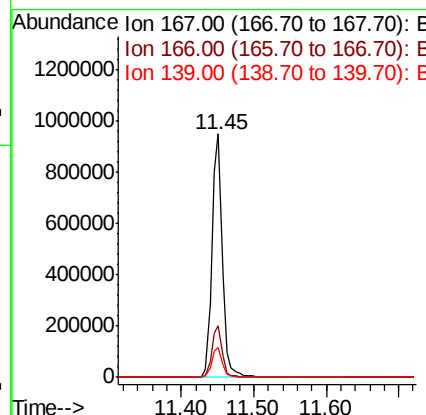
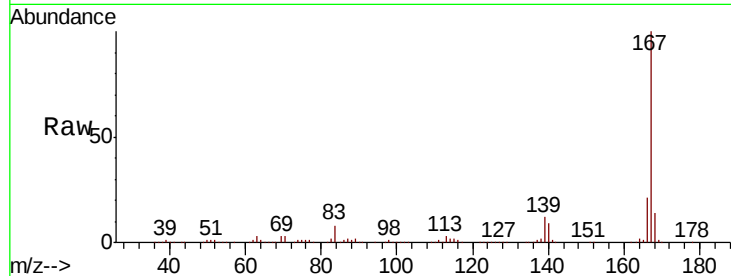
#73
 Carbazole
 Concen: 43.503 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.3	10.4	15.6

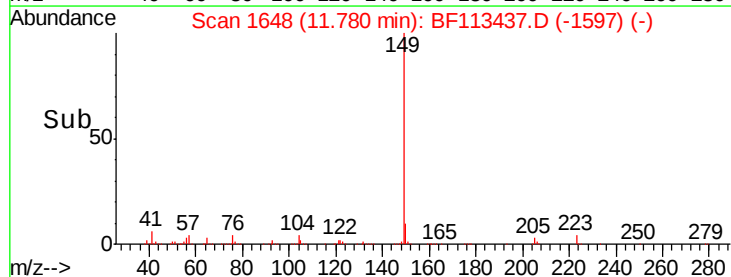
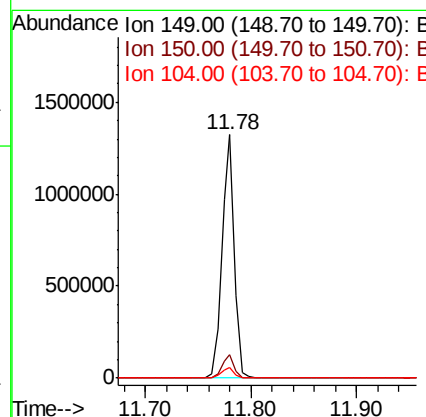
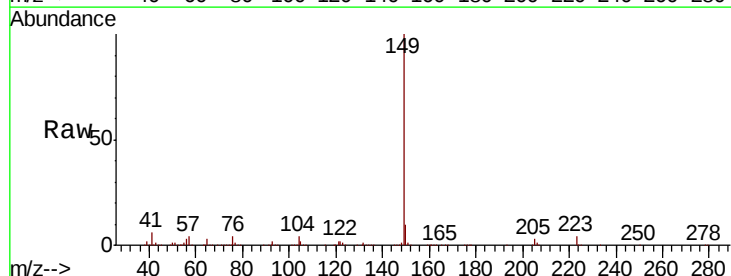
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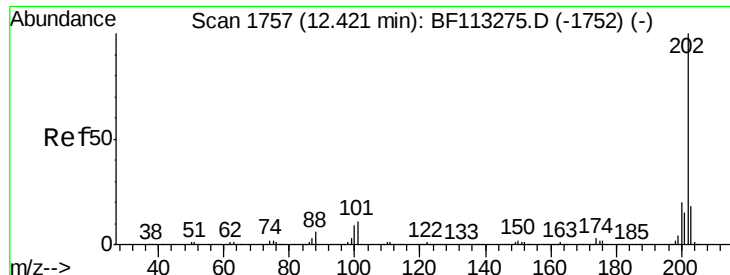
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 4/1/2019 5:46:42 PM



#74
 Di-n-butylphthalate
 Concen: 43.147 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113437.D
 Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.3	3.7	5.5





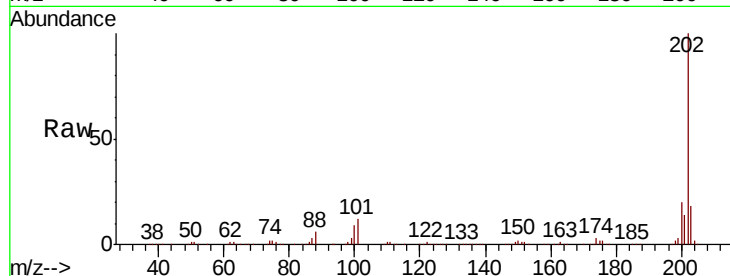
#75
Fluoranthene
Concen: 41.772 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

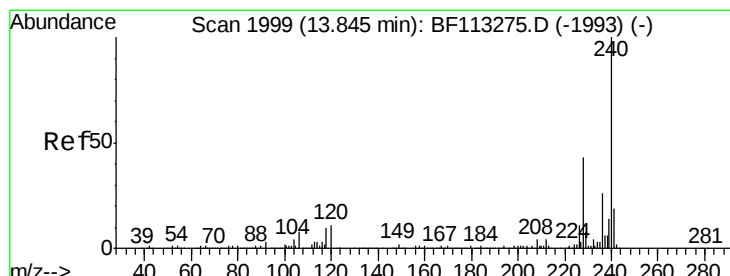
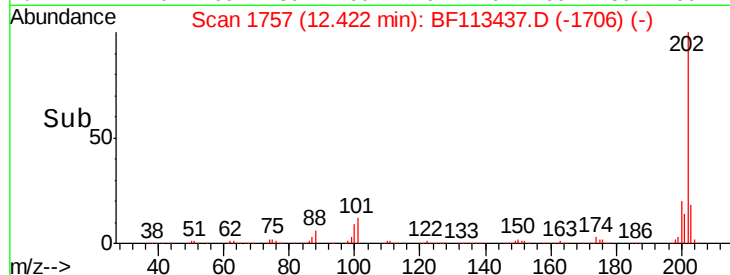
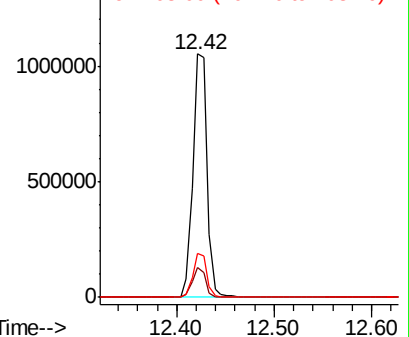
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1059181		
101	12.5		0.0	31.4
203	18.0		0.0	38.0

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4/1/2019 5:46:42 PM

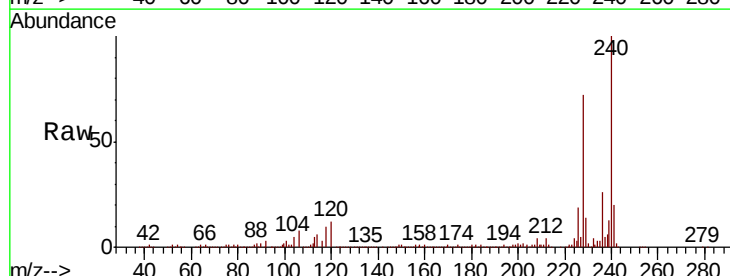


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

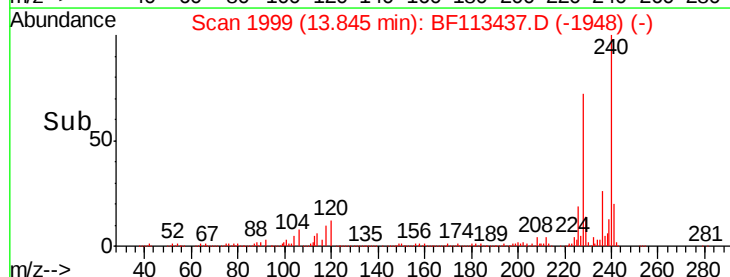
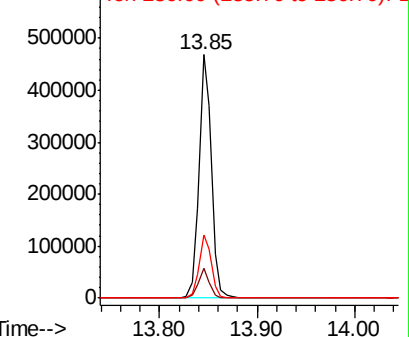


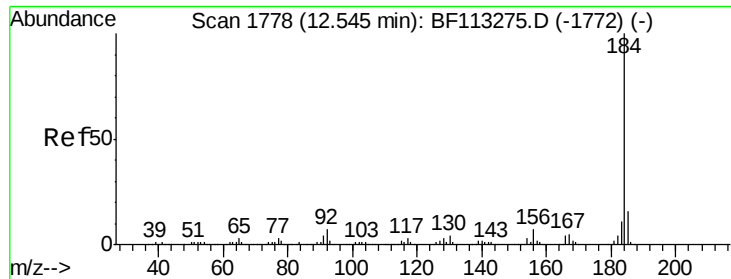
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	410368		
120	12.3		8.8	13.2
236	25.9		20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.668 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

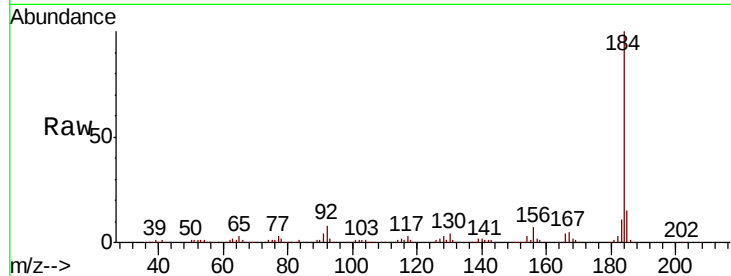
ClientSampleId :

SSTDCCC040

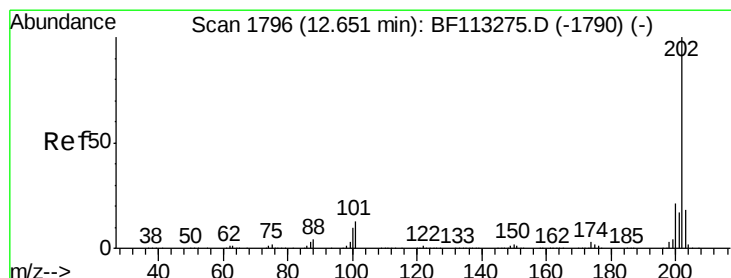
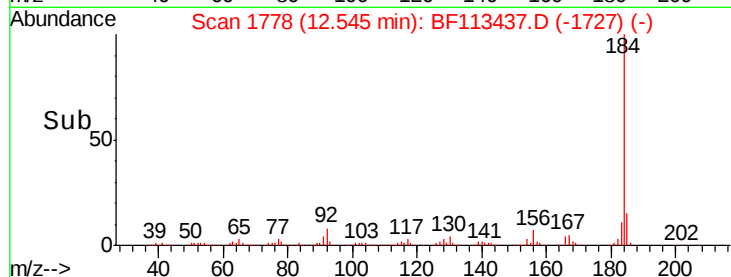
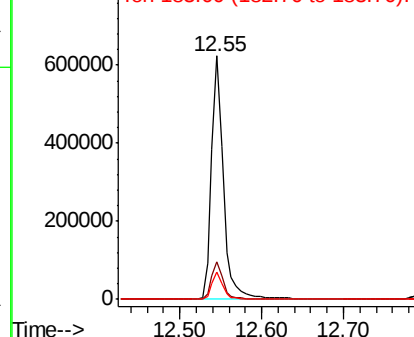
Tot Ion:184	Resp: 639094
Ion Ratio	Lower Upper
184 100	
185 15.4	13.0 19.6
183 11.1	9.0 13.4

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4/1/2019 5:46:42 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.669 ng

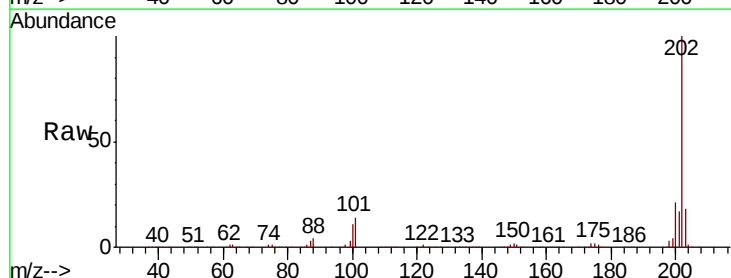
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

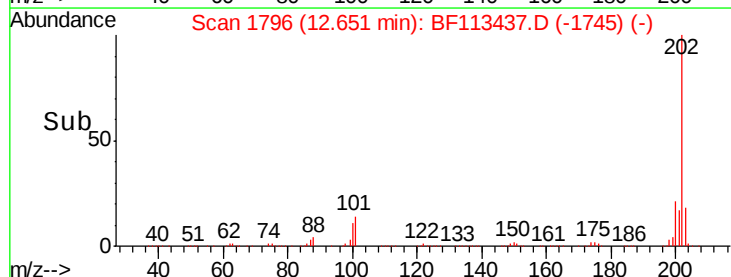
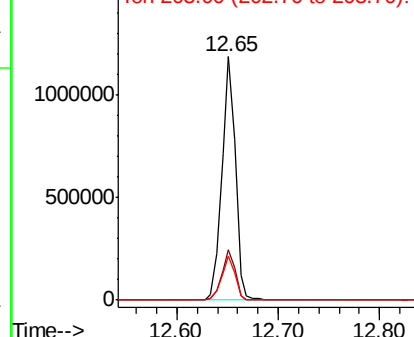
Lab File: BF113437.D

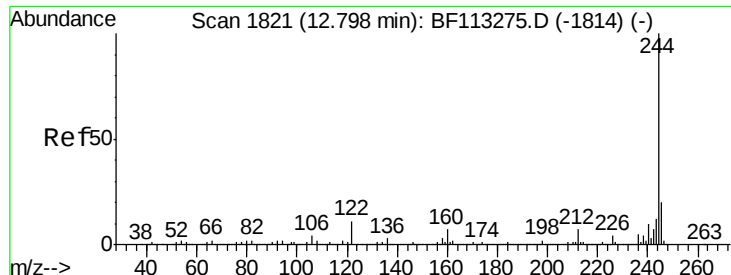
Acq: 30 Mar 2019 3:30

Tgt Ion:202	Resp: 1099640
Ion Ratio	Lower Upper
202 100	
200 20.5	16.8 25.2
203 18.1	14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





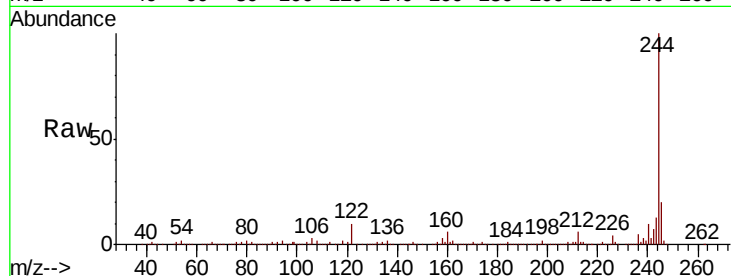
#79
Terphenyl-d14
Concen: 76.411 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

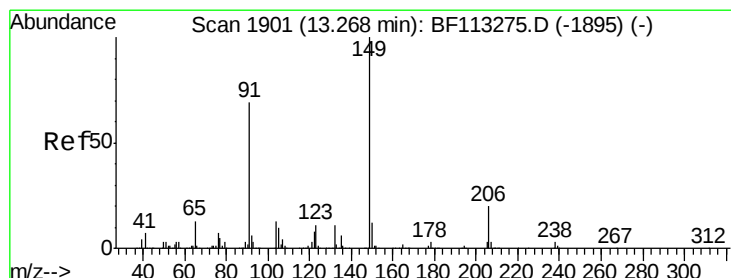
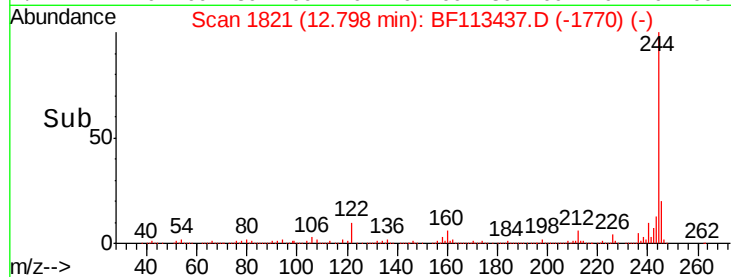
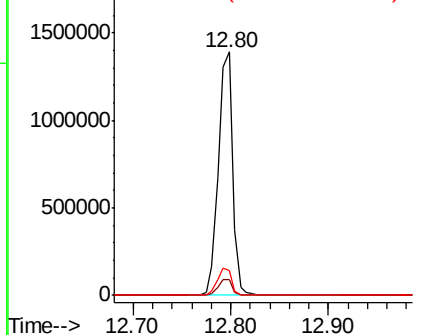
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.1	8.6	13.0

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4/1/2019 5:46:42 PM

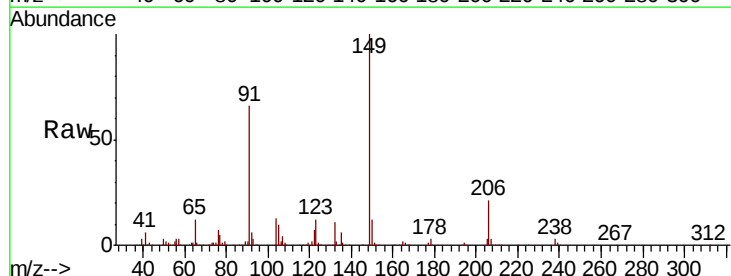


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

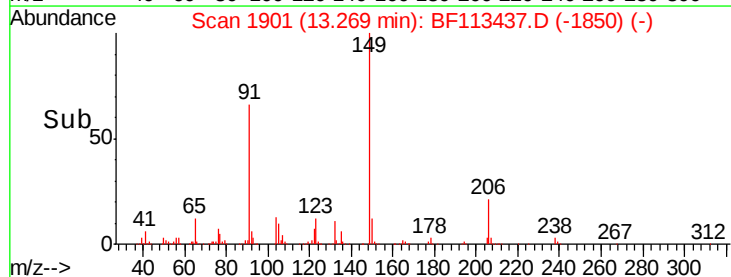
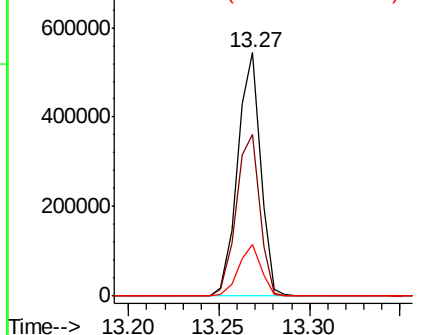


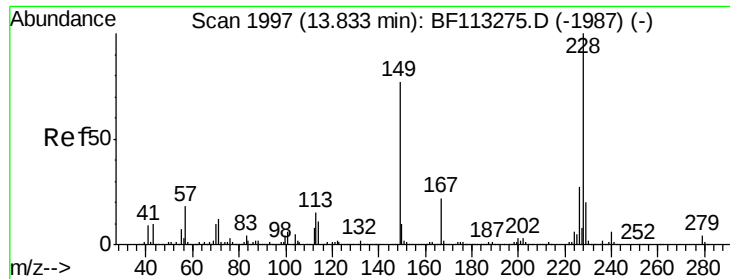
#80
Butylbenzylphthalate
Concen: 38.218 ng
RT: 13.27 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	55.2	82.8
206	21.2	16.1	24.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.410 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Instrument :

BNA_F

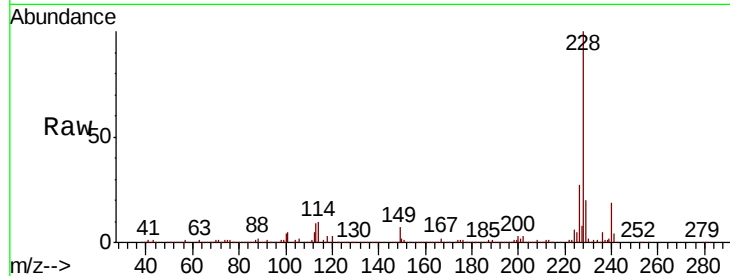
ClientSampleId :

SSTDCCC040

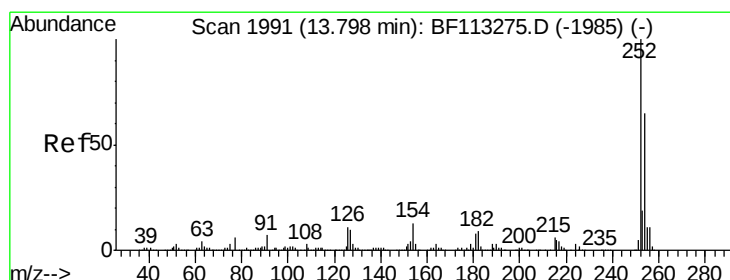
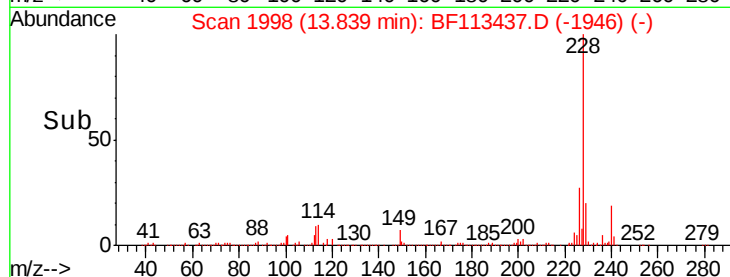
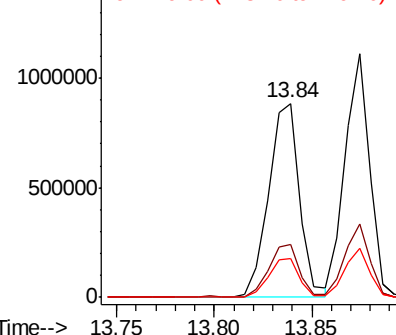
Tot Ion:	228	Resp:	972731
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.0	16.2	24.4

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4/1/2019 5:46:42 PM



Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.576 ng

RT: 13.80 min Scan# 1991

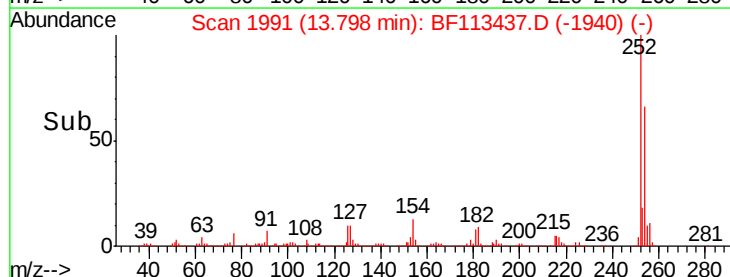
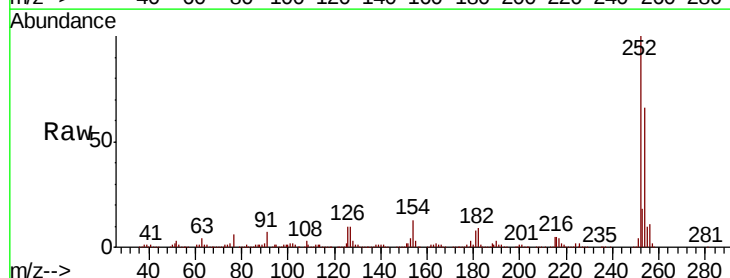
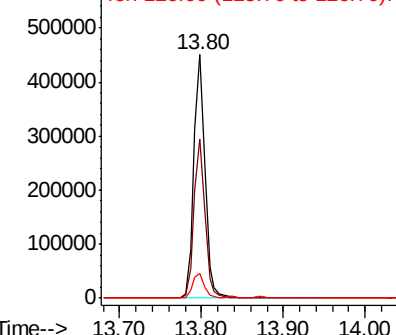
Delta R.T. 0.00 min

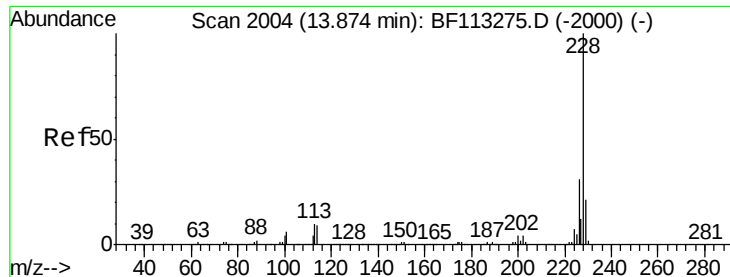
Lab File: BF113437.D

Acq: 30 Mar 2019 3:30

Tgt Ion:	252	Resp:	429486
Ion Ratio	Lower	Upper	
252	100		
254	65.6	52.2	78.2
126	10.3	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





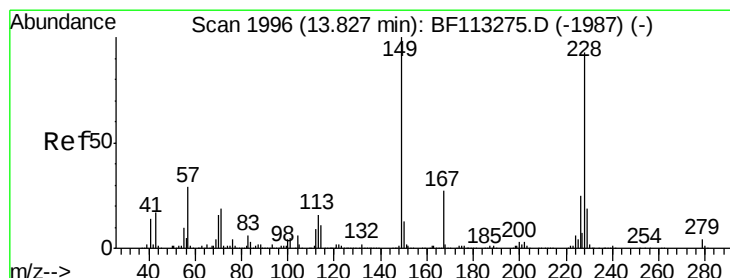
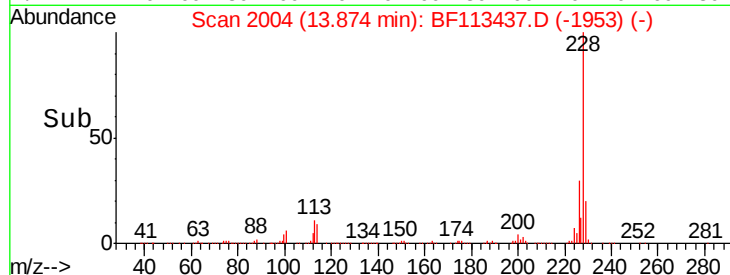
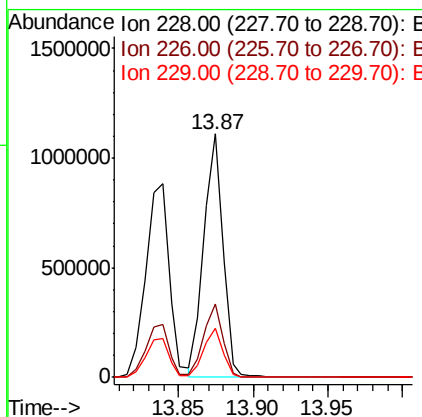
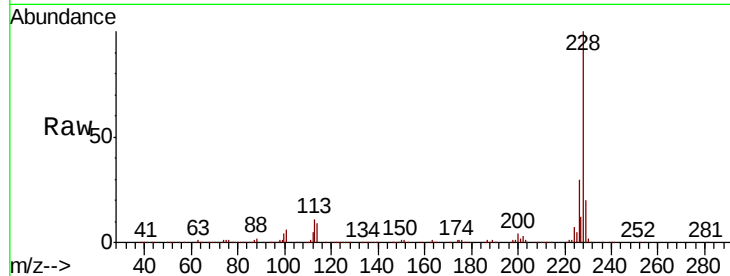
#83
Chrysene
Concen: 41.066 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.9	16.3	24.5

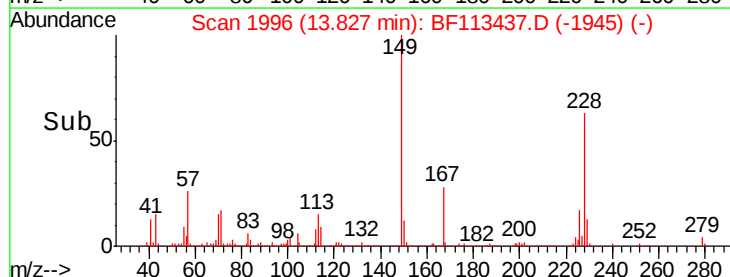
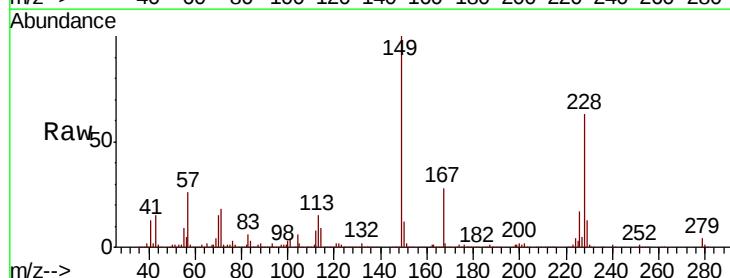
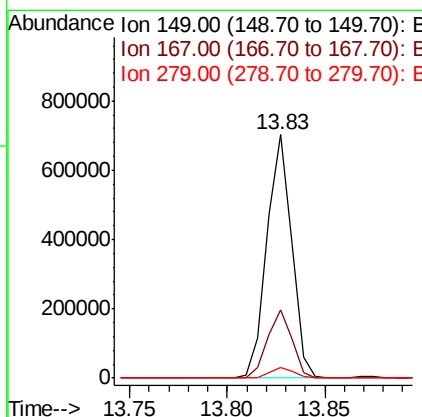
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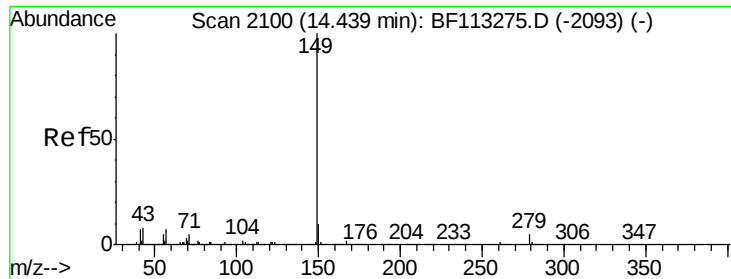
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4/1/2019 5:46:42 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.368 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	4.3	2.9	4.3





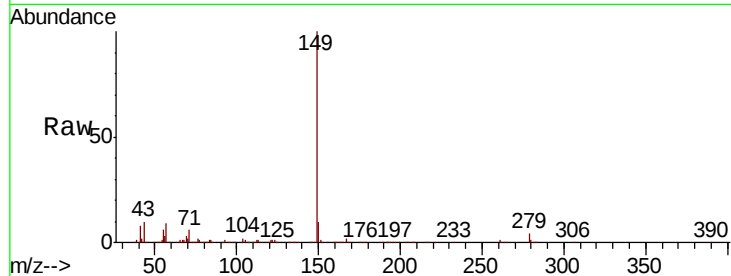
#85
Di-n-octyl phthalate
Concen: 43.730 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

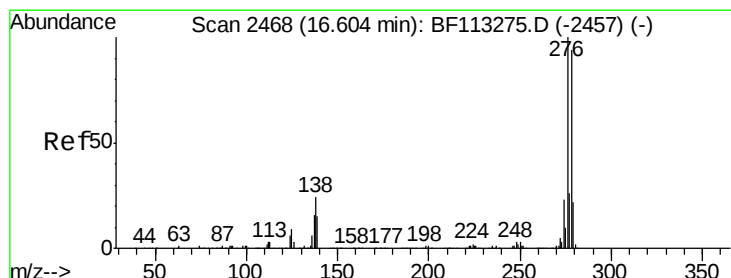
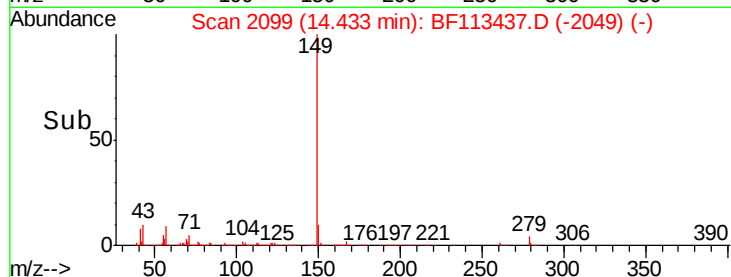
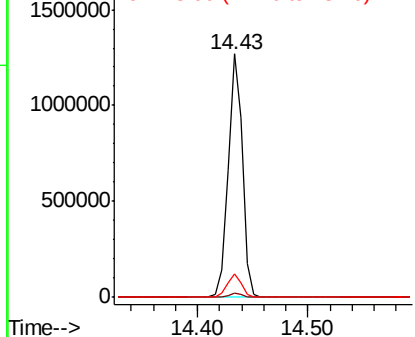
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

Manual Integrations
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4/1/2019 5:46:42 PM

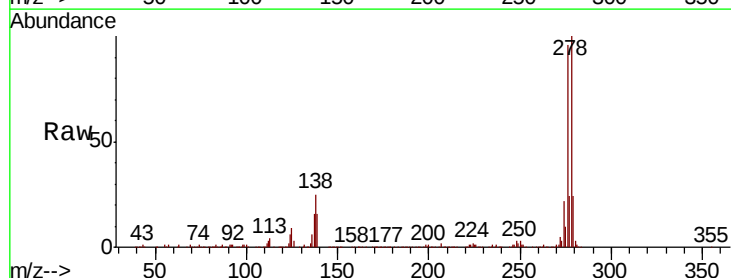


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

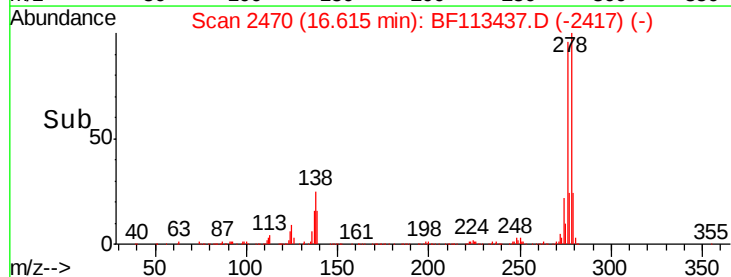
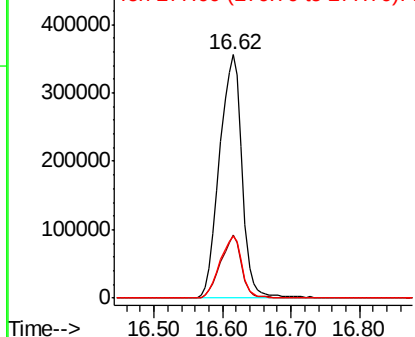


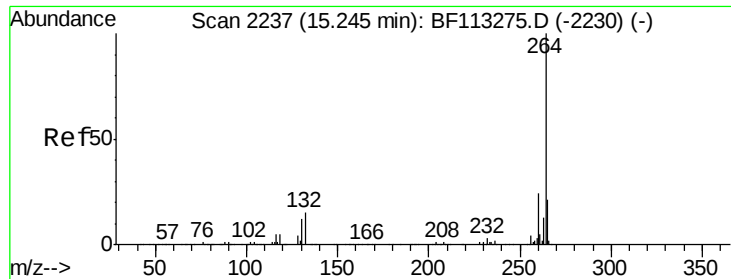
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.699 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.1	27.1
277	25.1	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





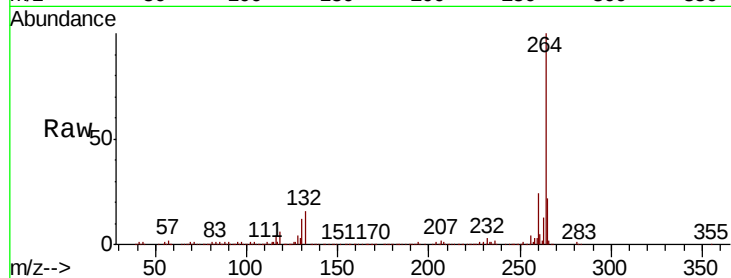
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.0	17.1	25.7

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4/1/2019 5:46:42 PM

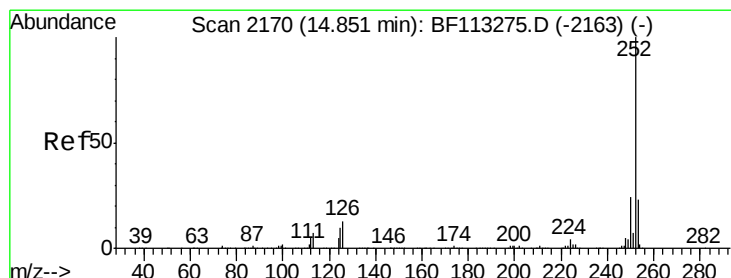
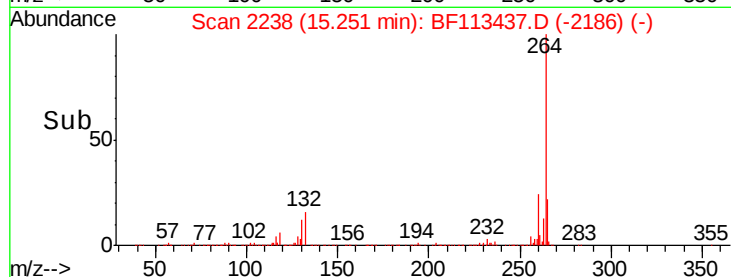
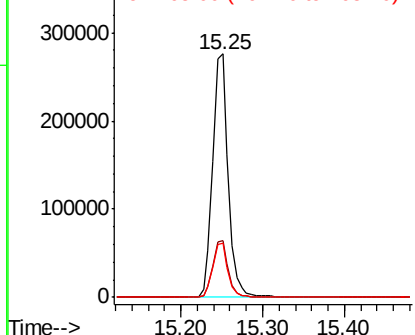


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.700 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

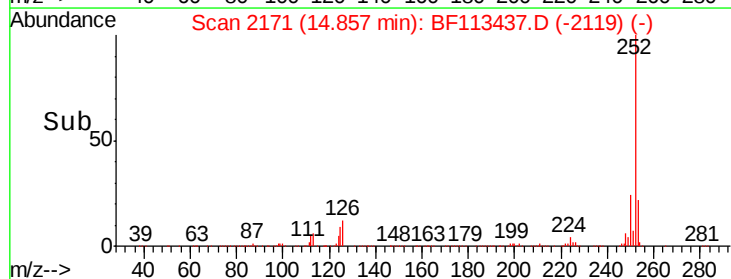
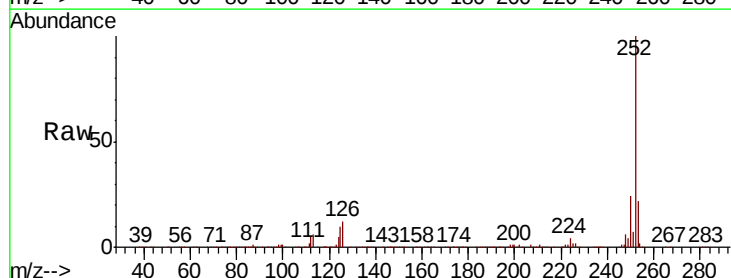
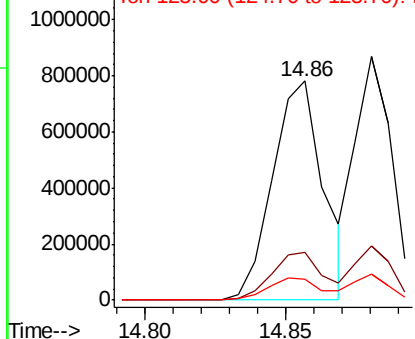
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.6	7.6	11.4

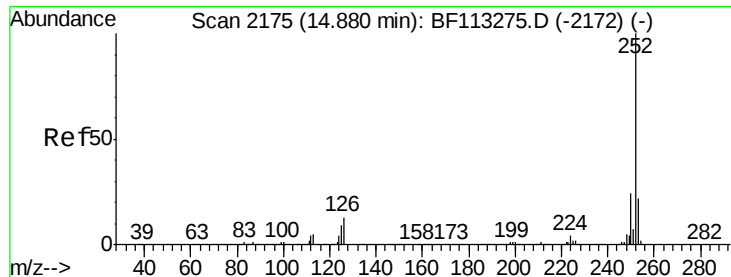
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





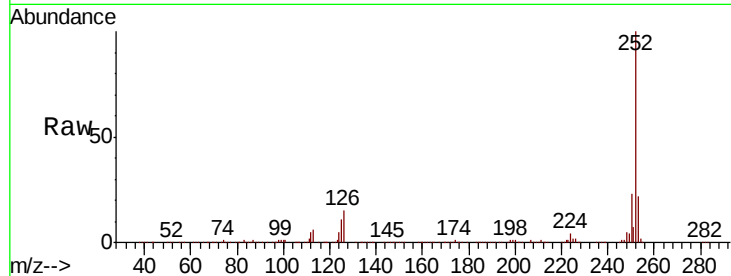
#89
Benzo(k)fluoranthene
Concen: 40.435 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.6	7.3	10.9

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4/1/2019 5:46:42 PM

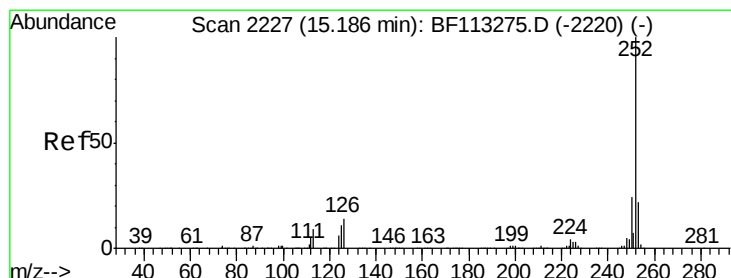
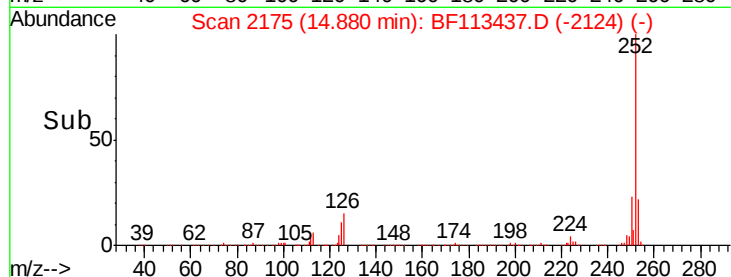
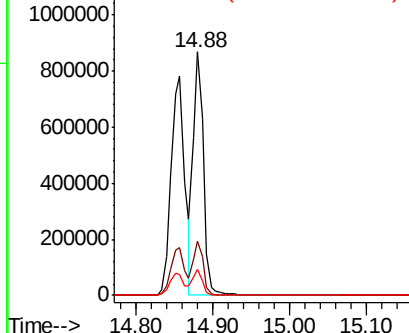


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.270 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

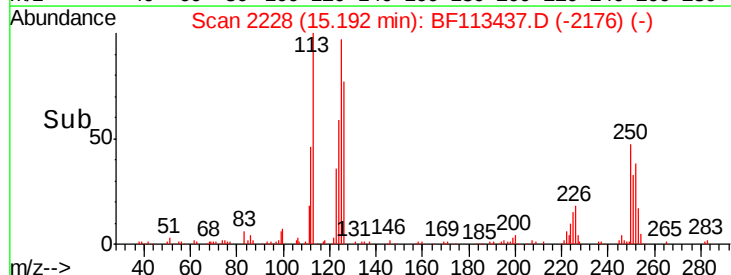
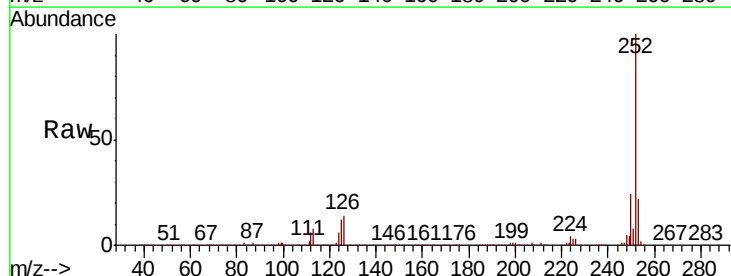
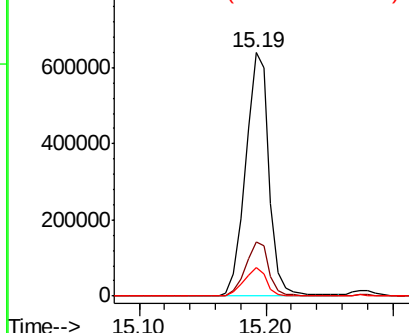
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.6	8.8	13.2

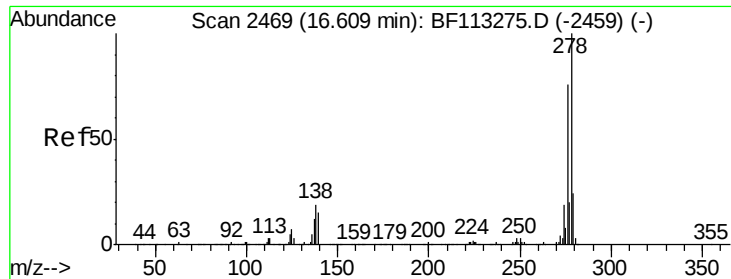
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





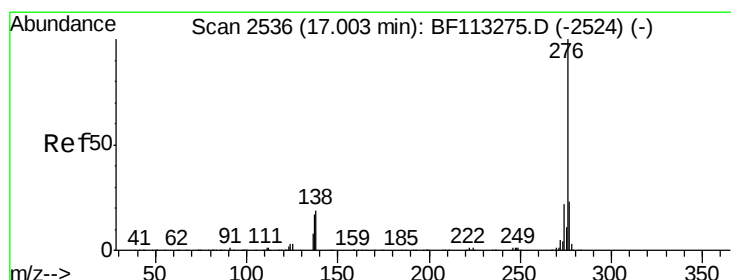
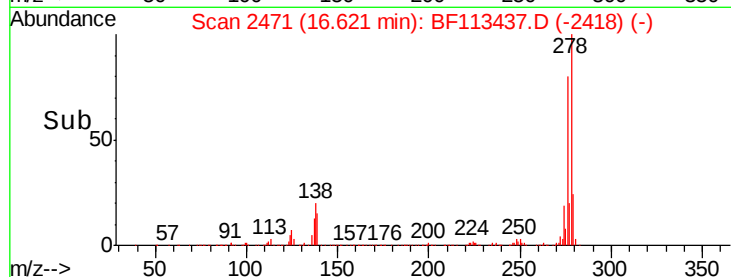
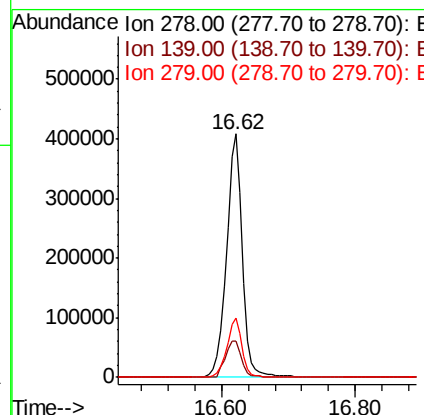
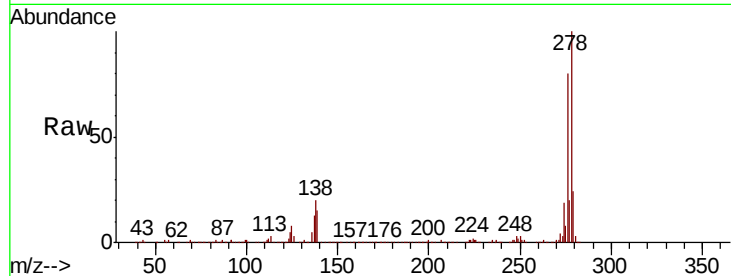
#91
Dibenzo(a,h)anthracene
Concen: 39.021 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	24.3	19.0	28.6

Manual Integrations
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4/1/2019 5:46:42 PM



#92
Benzo(g,h,i)perylene
Concen: 37.036 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF113437.D
Acq: 30 Mar 2019 3:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.3	15.6	23.4

