

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113370.D
 Acq On : 28 Mar 2019 13:07
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:47:17 PM

Quant Time: Mar 28 16:40:59 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	194940	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	774238	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	376696	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	759732	20.00	ng	0.00
76) Chrysene-d12	13.84	240	602452	20.00	ng	0.00
87) Perylene-d12	15.24	264	554480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	874911	73.39	ng	0.00
7) Phenol-d6	6.35	99	1085734	71.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	1011589	77.55	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	345276	74.20	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1760437	70.17	ng	0.00
79) Terphenyl-d14	12.79	244	1979337	72.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	211775	35.011	ng	98
3) Pyridine	3.06	79	553289	37.104	ng	96
4) n-Nitrosodimethylamine	3.01	42	236397	35.660	ng	88
6) Aniline	6.37	93	679420	36.992	ng	97
8) 2-Chlorophenol	6.49	128	509499	36.801	ng	98
9) Benzaldehyde	6.25	77	368558	36.416	ng	99
10) Phenol	6.37	94	617965	35.890	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	484323	36.695	ng	98
12) 1,3-Dichlorobenzene	6.65	146	540284	36.204	ng	98
13) 1,4-Dichlorobenzene	6.72	146	547235	37.978	ng	99
14) 1,2-Dichlorobenzene	6.87	146	497810	35.117	ng	98
15) Benzyl Alcohol	6.85	79	366671	36.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	749281	37.790	ng	99
17) 2-Methylphenol	6.97	107	405712	37.393	ng	99
18) Hexachloroethane	7.22	117	197804	38.220	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	330596	34.897	ng	97
20) 3+4-Methylphenols	7.13	107	483998	37.607	ng	98
22) Acetophenone	7.12	105	648164	36.709	ng	99
24) Nitrobenzene	7.29	77	528386	38.818	ng	95
25) Isophorone	7.53	82	961436	38.032	ng	97
26) 2-Nitrophenol	7.60	139	284159	39.494	ng	96
27) 2,4-Dimethylphenol	7.65	122	396261	38.286	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	616729	38.741	ng	99
29) 2,4-Dichlorophenol	7.85	162	433322	38.634	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	459392	37.963	ng	99
31) Naphthalene	8.01	128	1416174	37.430	ng	100
32) Benzoic acid	7.80	122	313040m	37.574	ng	
33) 4-Chloroaniline	8.06	127	603911	40.933	ng	98
34) Hexachlorobutadiene	8.13	225	275662	38.328	ng	99
35) Caprolactam	8.45	113	148927	41.372	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	447863	39.700	ng	96
37) 2-Methylnaphthalene	8.70	142	933828	39.556	ng	99
38) 1-Methylnaphthalene	8.80	142	895835	39.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	446165	36.898	ng	99

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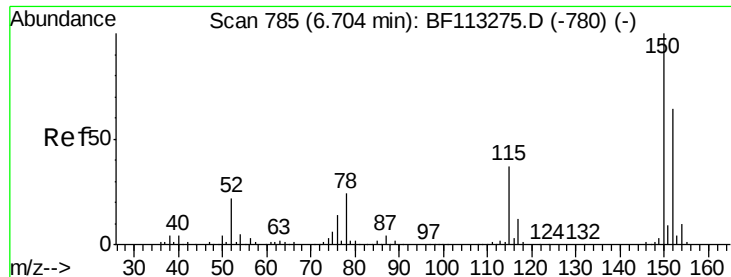
Manual Integrations
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 3/29/2019 4:47:17 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	224126	43.790	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	289134	36.719	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	317941	36.485	nq	98
46) 1,1'-Biphenyl	9.16	154	1150131	36.557	nq	99
47) 2-Chloronaphthalene	9.19	162	887164	36.624	nq	99
48) 2-Nitroaniline	9.29	65	286117	37.638	nq	97
49) Acenaphthylene	9.60	152	1460833	37.297	nq	99
50) Dimethylphthalate	9.46	163	1056414	37.842	nq	99
51) 2,6-Dinitrotoluene	9.53	165	238673	37.898	nq	96
52) Acenaphthene	9.77	154	820198	37.185	nq	100
53) 3-Nitroaniline	9.70	138	276342	38.910	nq	97
54) 2,4-Dinitrophenol	9.81	184	123084	39.295	nq	# 84
55) Dibenzofuran	9.94	168	1233223	37.191	nq	99
56) 4-Nitrophenol	9.87	139	176363	34.831	nq	88
57) 2,4-Dinitrotoluene	9.93	165	302876	37.817	nq	98
58) Fluorene	10.29	166	947887	36.797	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	289991	39.352	nq	99
60) Diethylphthalate	10.16	149	1003477	36.642	nq	98
61) 4-Chlorophenyl-phenylether	10.27	204	462141	36.810	nq	95
62) 4-Nitroaniline	10.31	138	288826	39.499	nq	97
63) Azobenzene	10.43	77	972638	37.730	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	145507	35.011	nq	100
66) n-Nitrosodiphenylamine	10.40	169	863260	37.030	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	312884	37.786	nq	96
68) Hexachlorobenzene	10.83	284	360414	37.498	nq	# 93
69) Atrazine	10.92	200	285629	38.817	nq	96
70) Pentachlorophenol	11.03	266	179530	35.851	nq	99
71) Phenanthrene	11.24	178	1388541	36.804	nq	99
72) Anthracene	11.29	178	1444888	37.704	nq	100
73) Carbazole	11.45	167	1408674	38.523	nq	99
74) Di-n-butylphthalate	11.78	149	1582980	37.330	nq	100
75) Fluoranthene	12.42	202	1542607	36.168	nq	99
77) Benzidine	12.55	184	836314	36.250	nq	99
78) Pyrene	12.65	202	1566896	37.532	nq	100
80) Butylbenzylphthalate	13.26	149	688795	37.437	nq	97
81) Benzo(a)anthracene	13.83	228	1276722	37.022	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	548828	39.671	nq	100
83) Chrysene	13.87	228	1334993	38.113	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	818601	36.294	nq	# 98
85) Di-n-octyl phthalate	14.43	149	1487086	38.842	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1111585	36.977	nq	98
88) Benzo(b)fluoranthene	14.85	252	1307702	37.966	nq	99
89) Benzo(k)fluoranthene	14.87	252	1081635	35.759	nq	98
90) Benzo(a)pyrene	15.19	252	1107857	36.280	nq	100
91) Dibenzo(a,h)anthracene	16.61	278	912270	34.551	nq	99
92) Benzo(g,h,i)perylene	17.00	276	911668	34.245	nq	98

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



#1

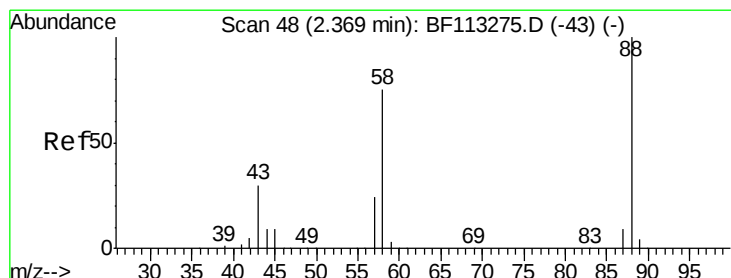
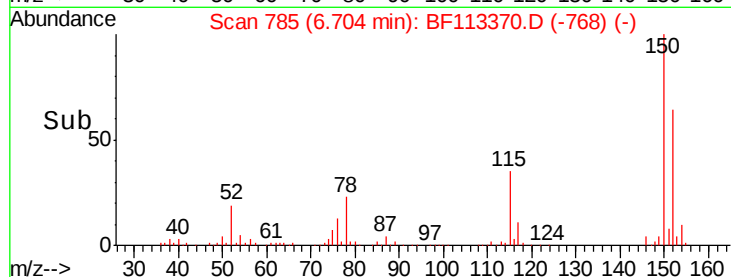
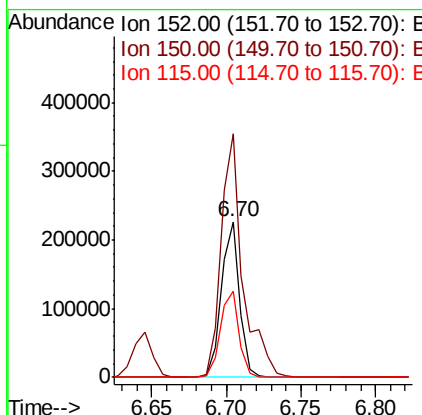
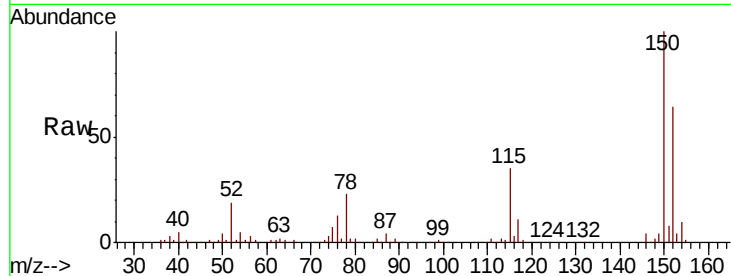
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	55.3	46.0	69.0

Manual Integrations
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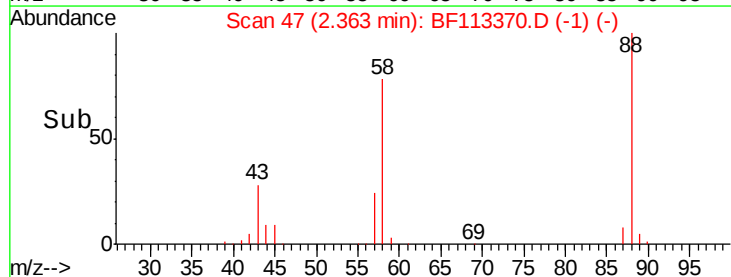
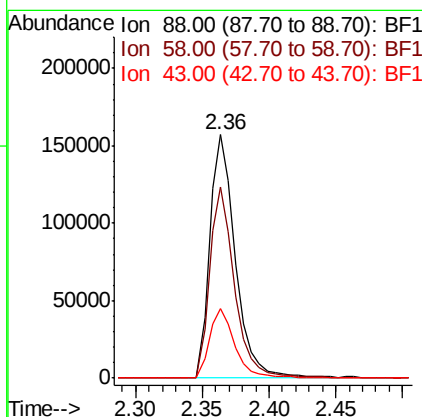
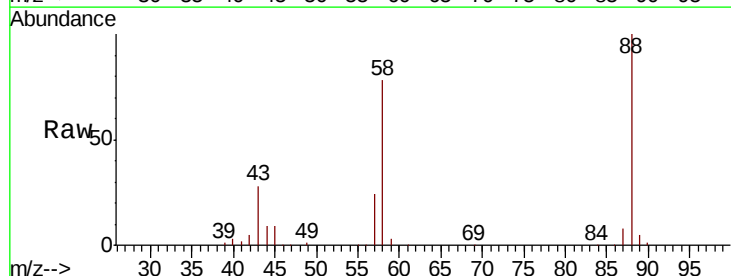
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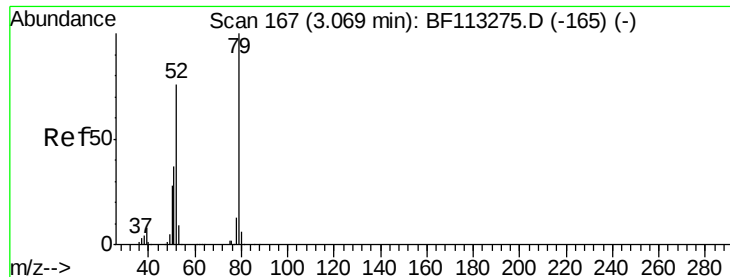


#2

1,4-Dioxane
Concen: 35.011 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.9	92.9
43	28.3	24.2	36.4





#3

Pvridine

Concen: 37.104 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

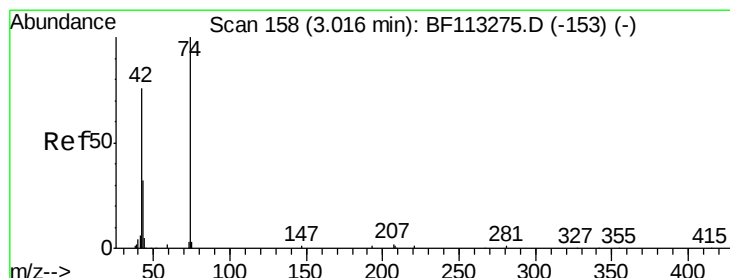
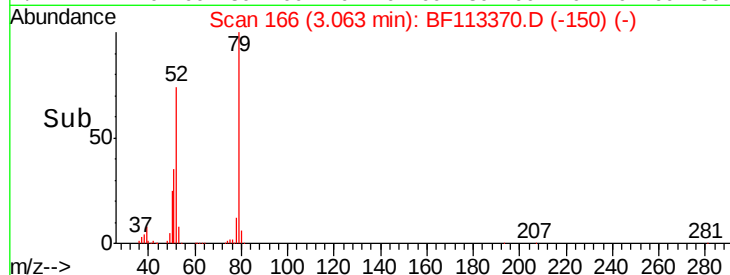
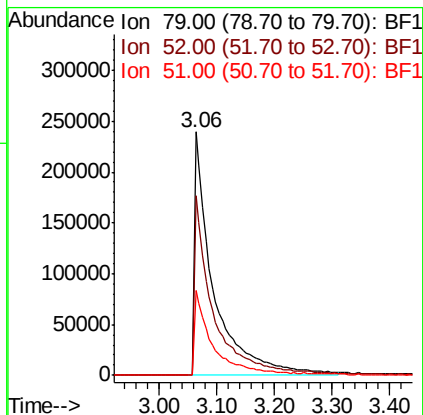
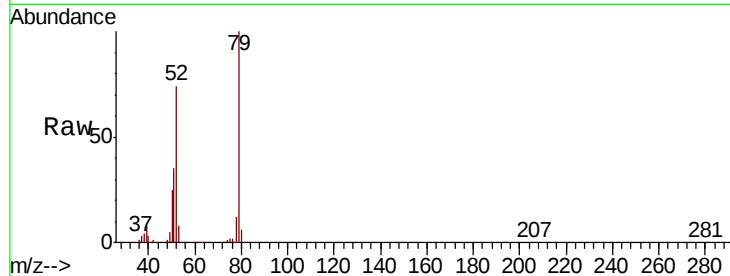
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	553289
Ion	Ratio	Lower	Upper
79	100		
52	73.5	61.0	91.4
51	34.9	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.660 ng

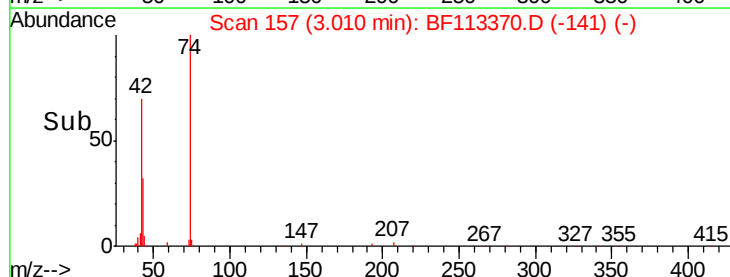
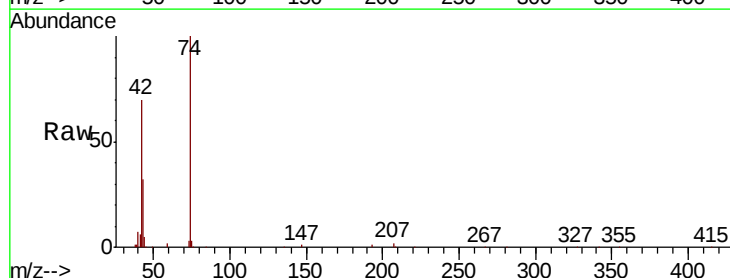
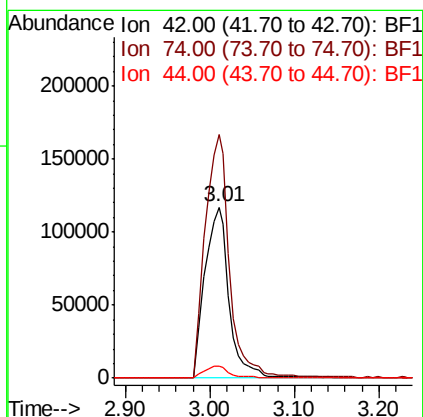
RT: 3.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	42	Resp:	236397
Ion	Ratio	Lower	Upper
42	100		
74	142.3	102.4	153.6
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 73.386 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

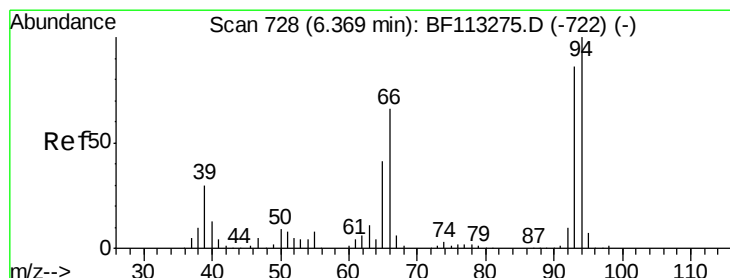
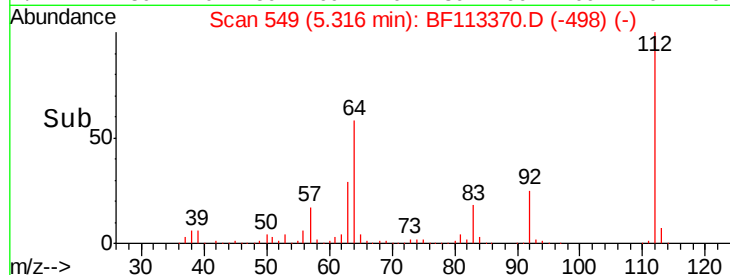
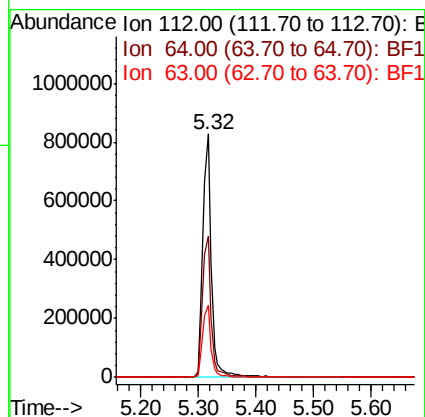
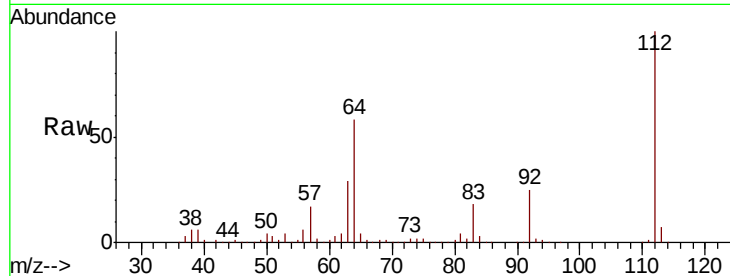
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	874911
Ion Ratio	Lower	Upper	
112	100		
64	58.1	49.2	73.8
63	29.4	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 36.992 ng

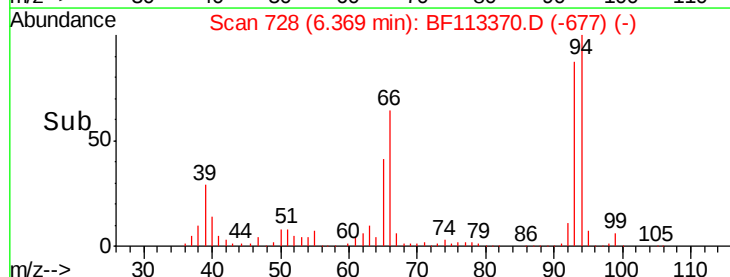
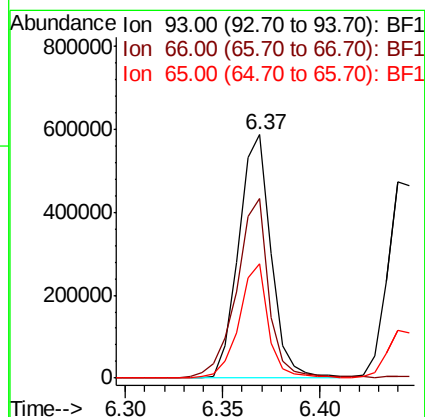
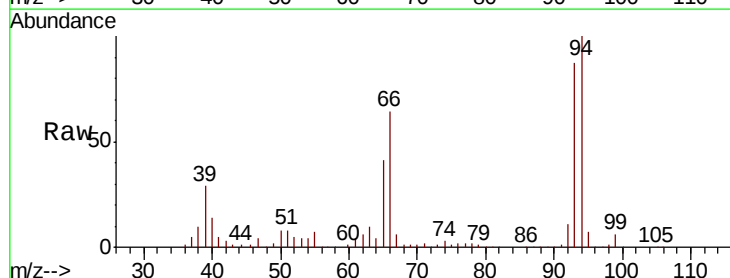
RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	93	Resp:	679420
Ion Ratio	Lower	Upper	
93	100		
66	74.0	62.1	93.1
65	47.0	38.7	58.1





#7

Phenol-d6

Concen: 71.989 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1085734

Ion Ratio Lower Upper

99 100

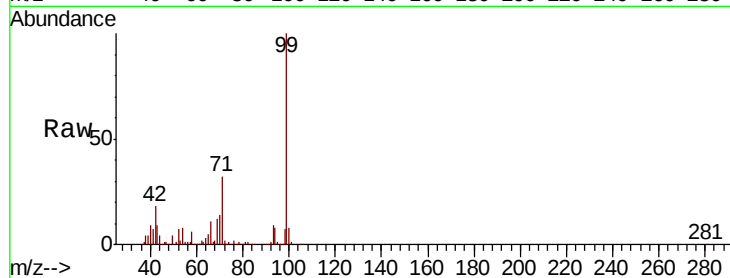
42 18.0 14.8 22.2

71 31.5 24.9 37.3

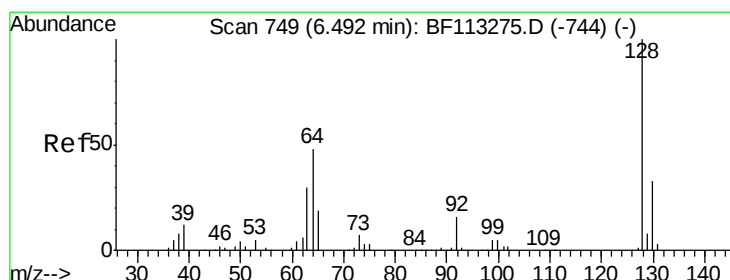
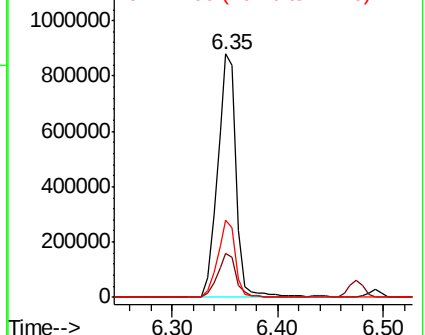
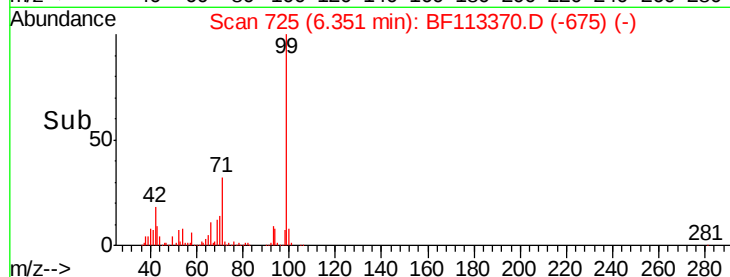
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.801 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

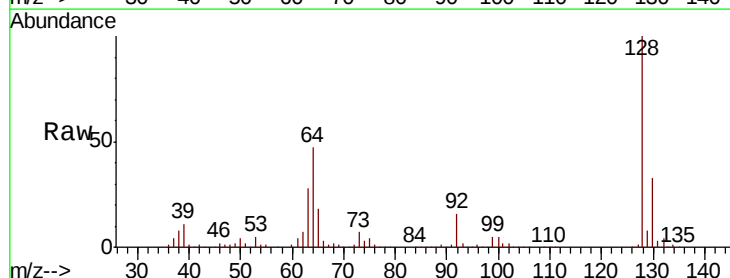
Tgt Ion: 128 Resp: 509499

Ion Ratio Lower Upper

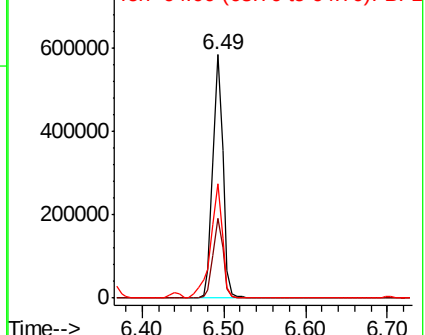
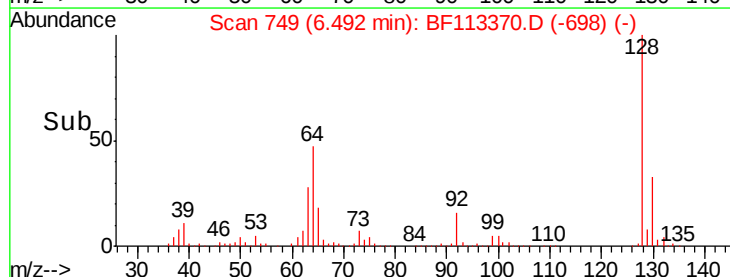
128 100

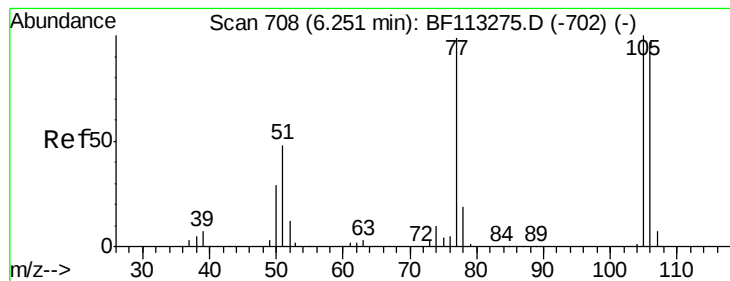
130 32.6 12.6 52.6

64 46.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.416 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

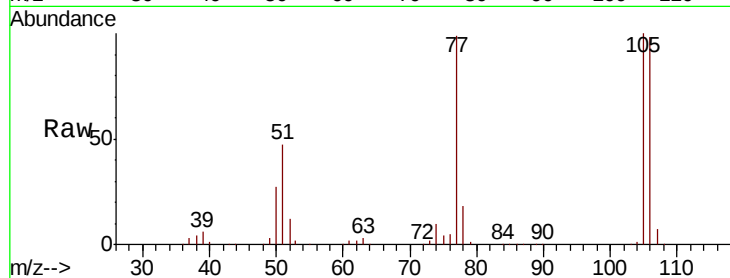
ClientSampleId :

SSTDCCC040

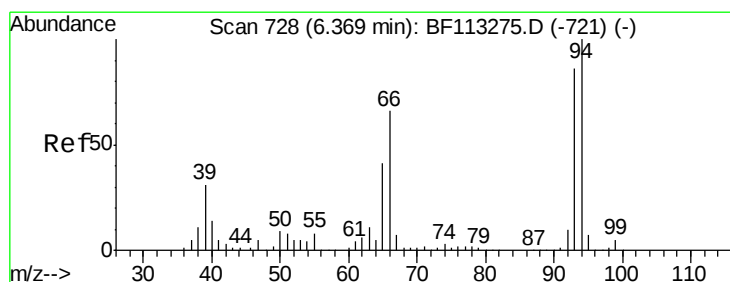
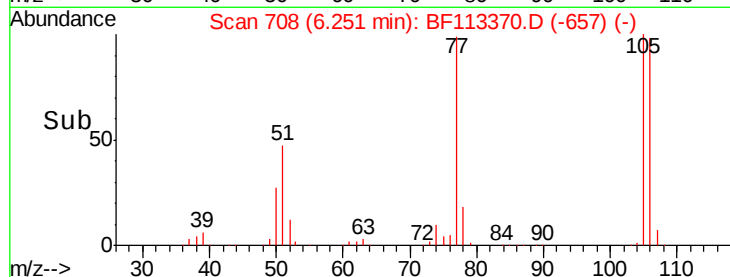
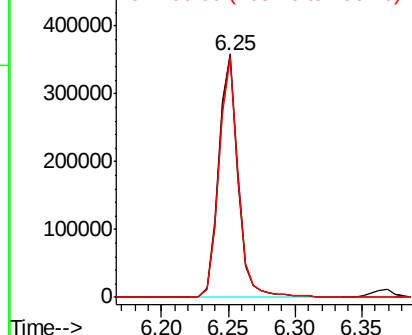
Tot Ion:	77	Resp:	368558
Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.9	120.9
106	98.5	77.8	117.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.890 ng

RT: 6.37 min Scan# 728

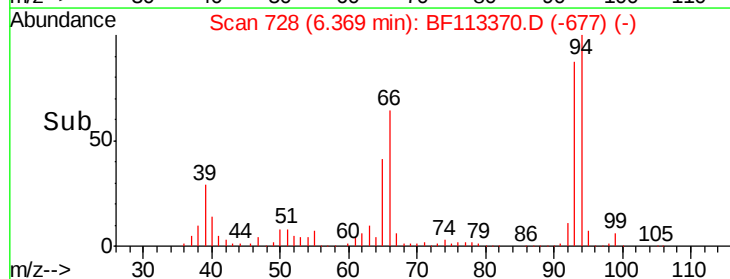
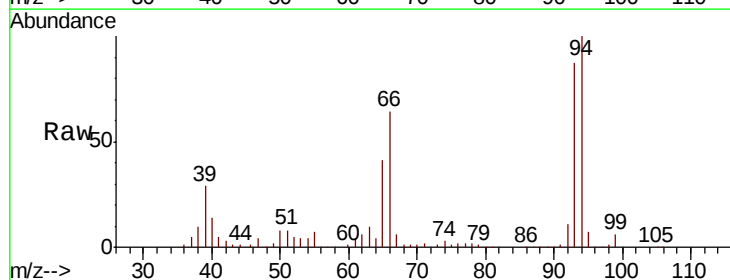
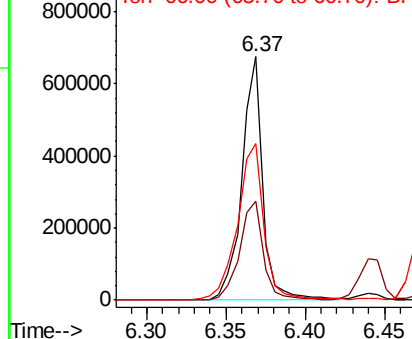
Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	94	Resp:	617965
Ion	Ratio	Lower	Upper
94	100		
65	40.8	21.4	61.4
66	64.3	46.4	86.4

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





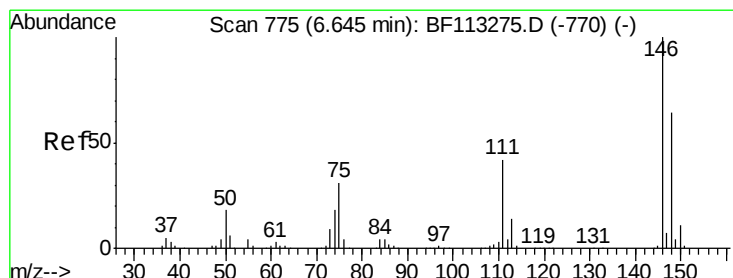
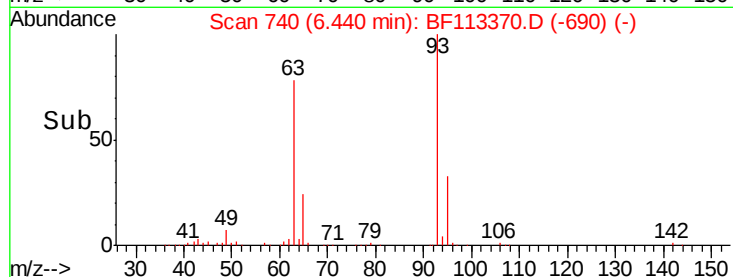
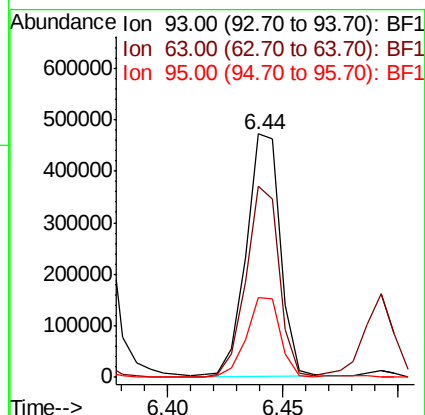
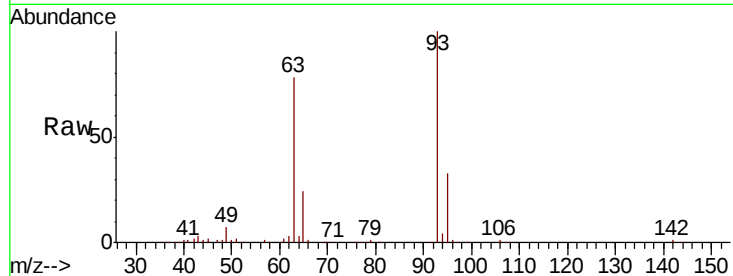
#11
bis(2-Chloroethyl)ether
Concen: 36.695 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		484323		
63	78.5	56.1		96.1	
95	33.0	12.8		52.8	

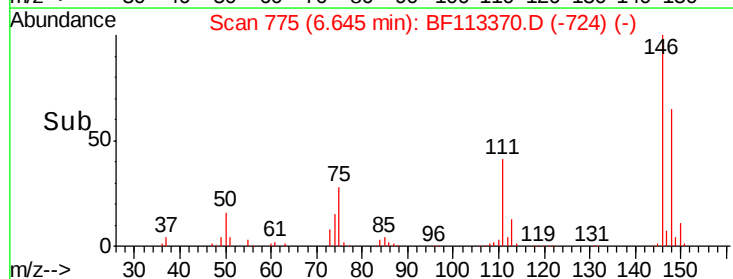
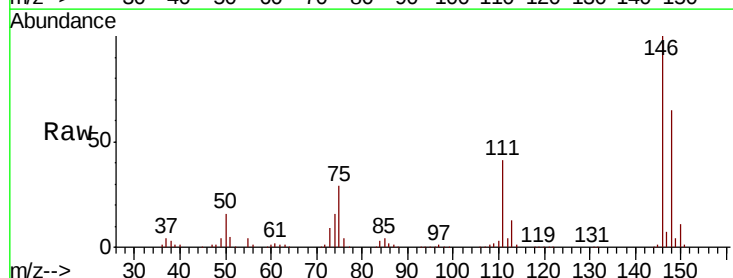
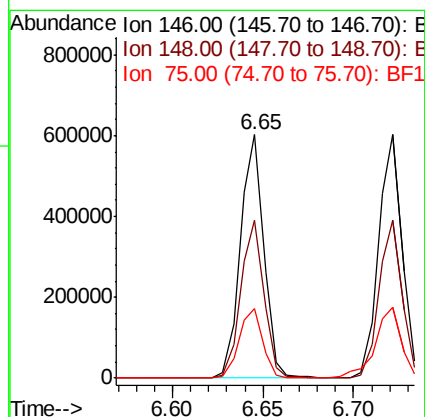
Manual Integrations
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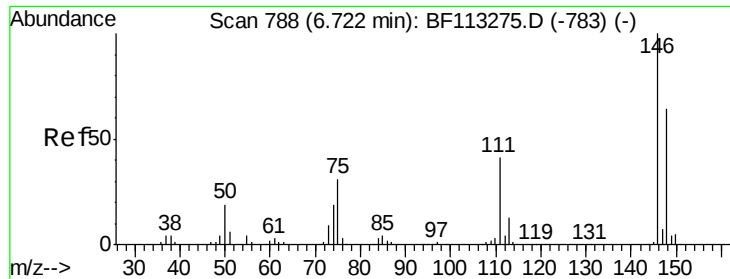
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.204 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		540284		
148	64.7	51.4		77.0	
75	28.5	24.8		37.2	





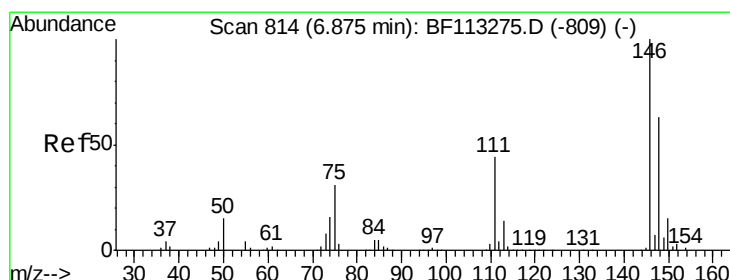
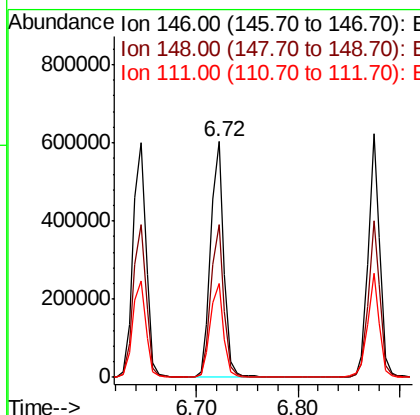
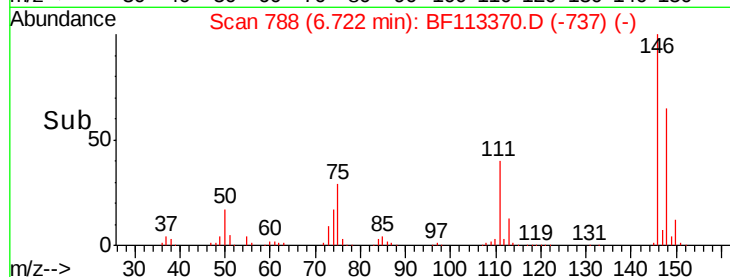
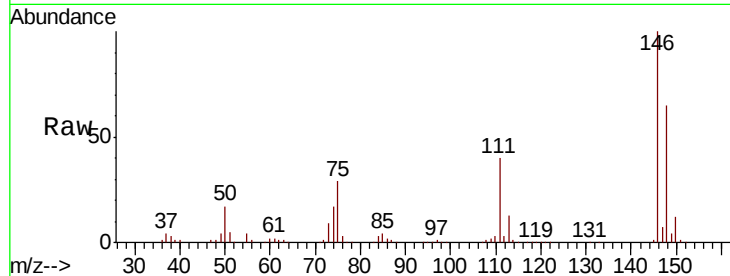
#13
 1,4-Dichlorobenzene
 Concen: 37.978 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	39.9	32.8	49.2

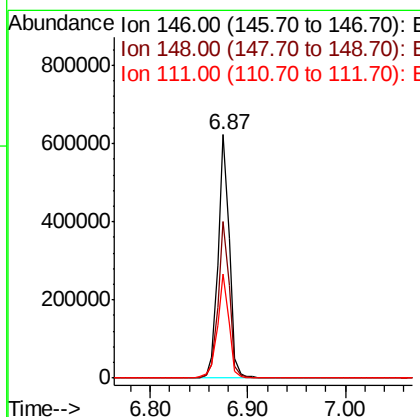
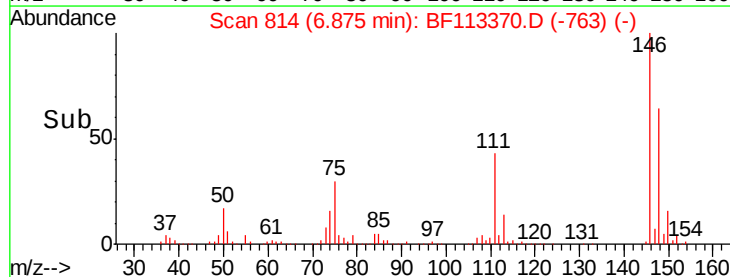
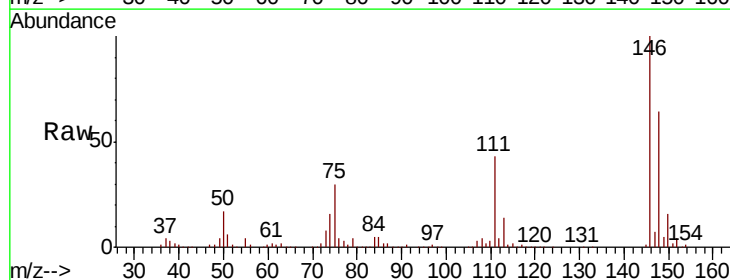
Manual Integrations
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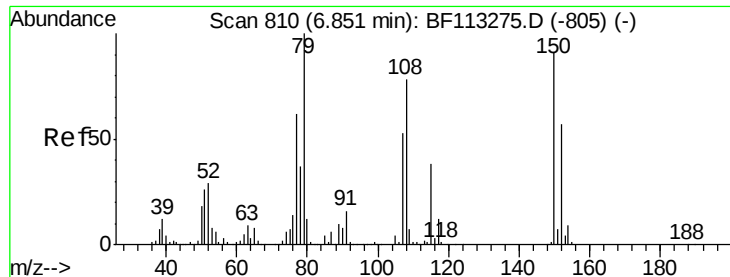
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.117 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
111	42.9	35.4	53.2





#15

Benzyl Alcohol

Concen: 36.852 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

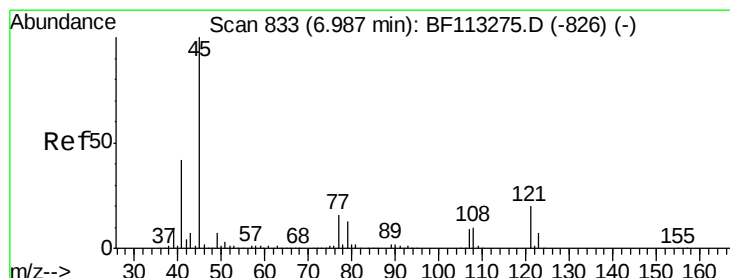
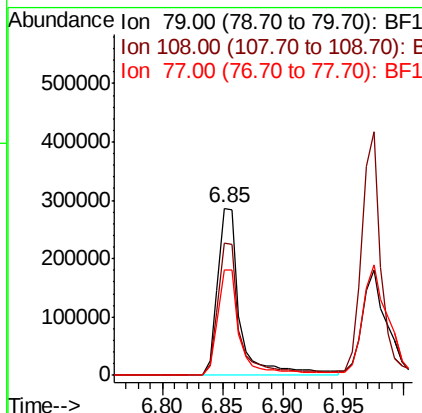
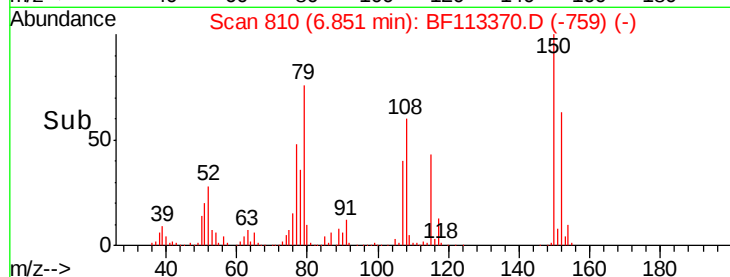
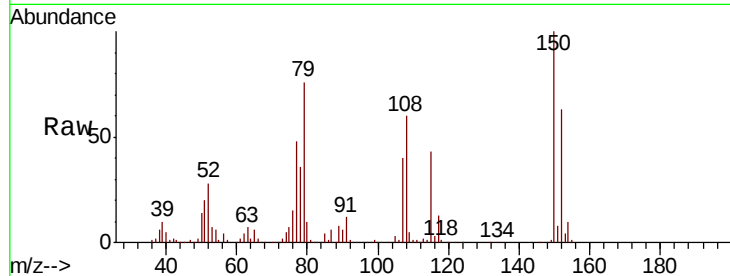
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	366671
Ion	Ratio	Lower	Upper
79	100		
108	79.4	62.0	93.0
77	62.9	49.9	74.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.790 ng

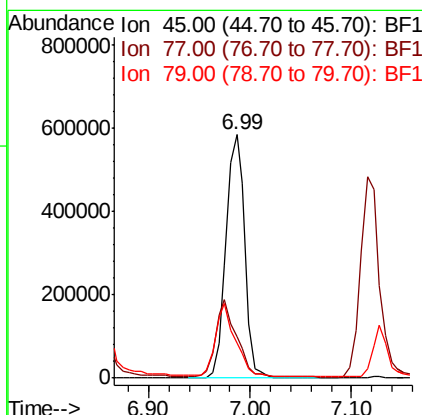
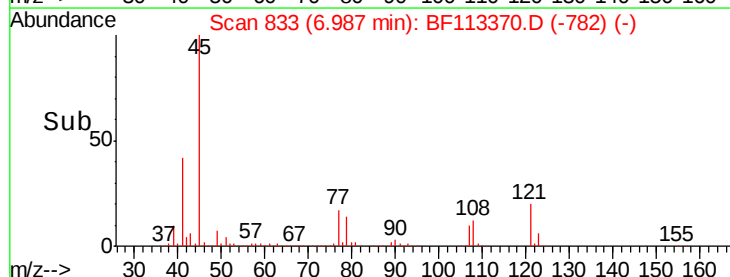
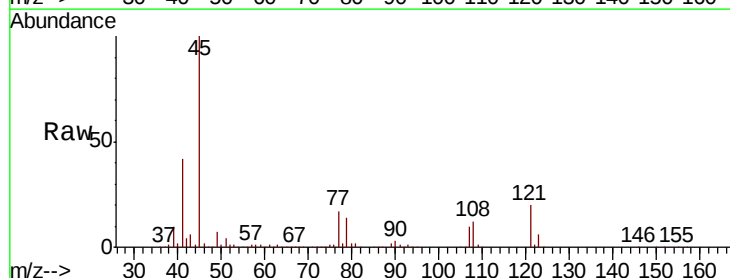
RT: 6.99 min Scan# 833

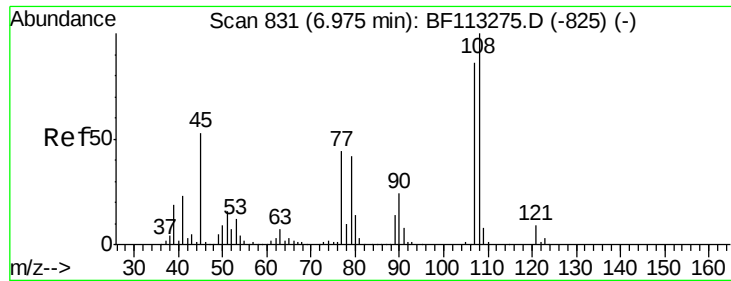
Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	45	Resp:	749281
Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.6
79	14.3	0.0	34.0





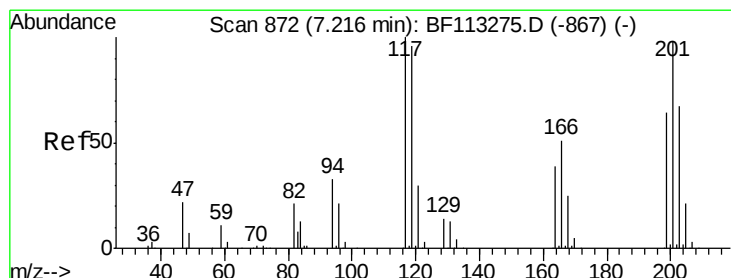
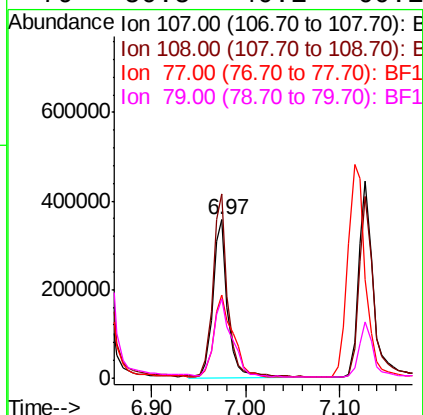
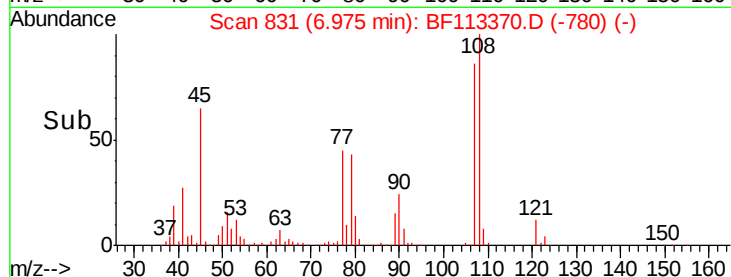
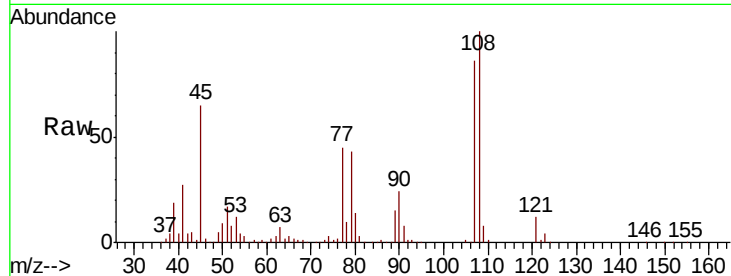
#17
2-Methylphenol
Concen: 37.393 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	53.0	41.2	61.8
79	50.5	40.1	60.1

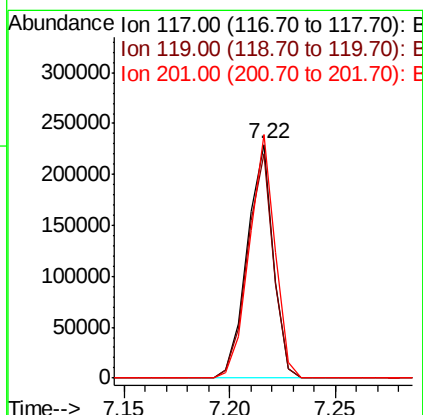
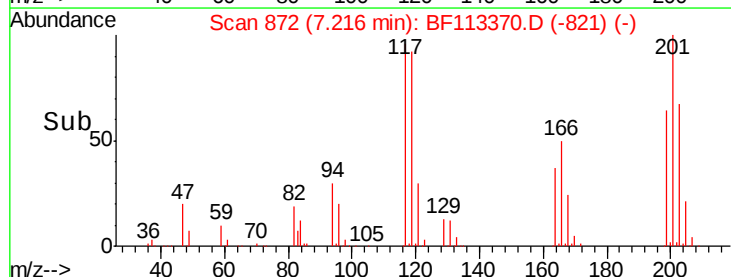
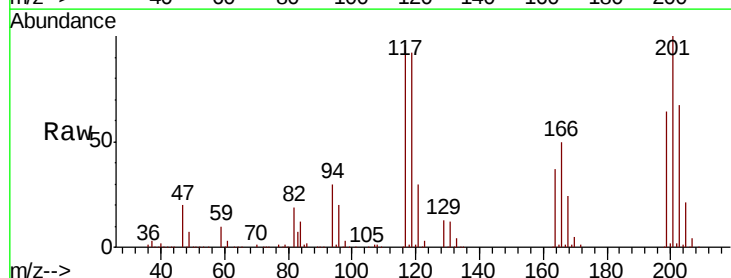
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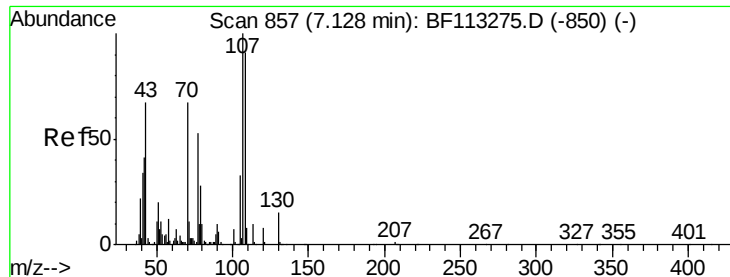
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#18
Hexachloroethane
Concen: 38.220 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
201	104.3	78.7	118.1





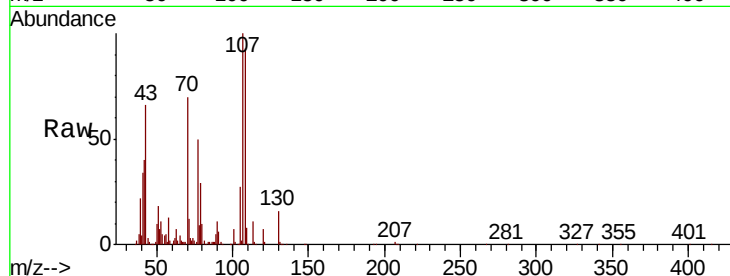
#19
n-Nitroso-di-n-propylamine
Concen: 34.897 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

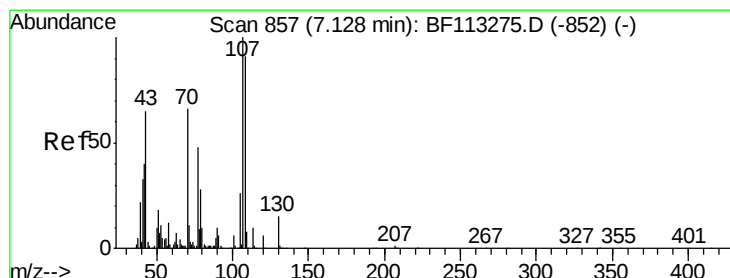
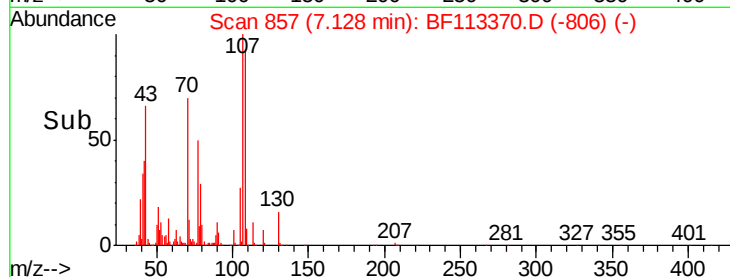
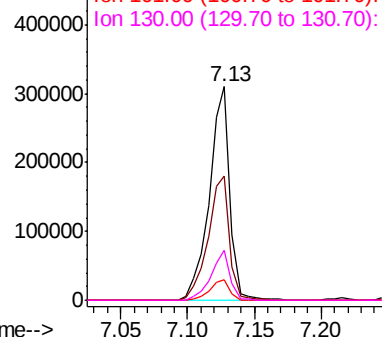
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	48.4	72.6
101	9.4	7.8	11.8
130	23.2	18.2	27.4

Manual Integrations
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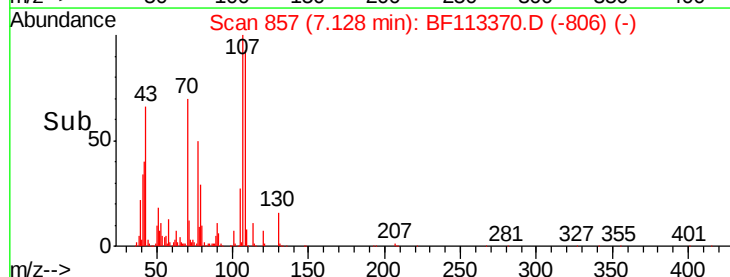
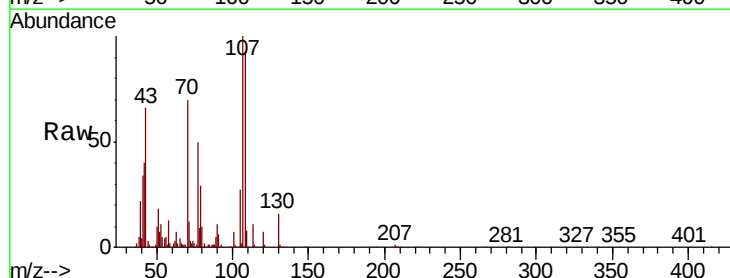
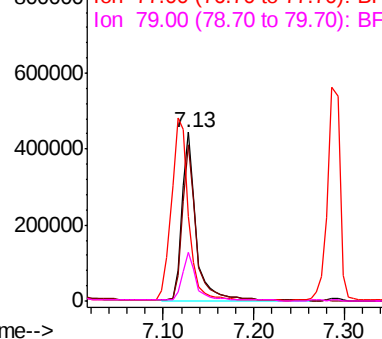
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

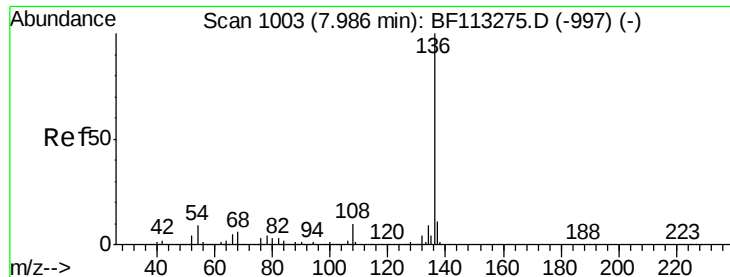


#20
3+4-Methylphenols
Concen: 37.607 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.4	111.4
77	50.3	33.5	73.5
79	28.8	8.3	48.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





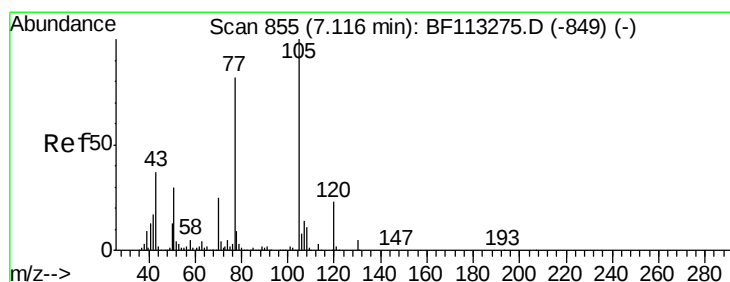
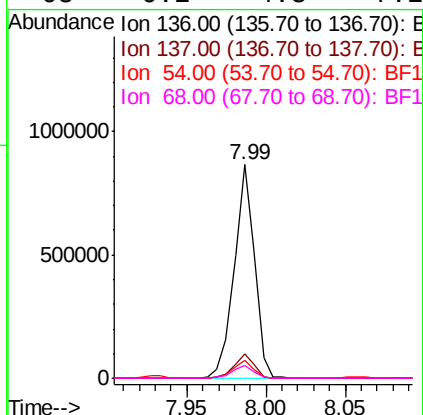
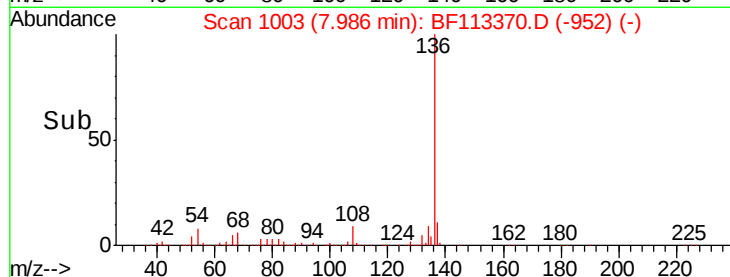
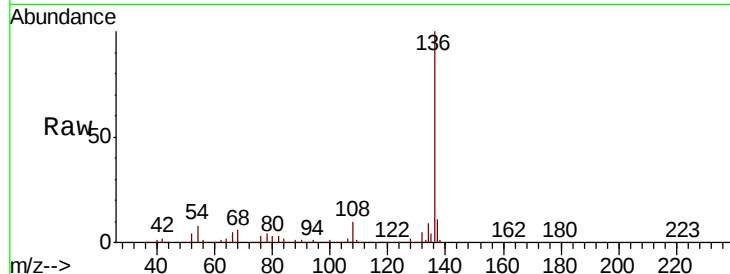
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	774238		
137	11.2	8.9	13.3	
54	8.2	7.0	10.6	
68	6.2	4.8	7.2	

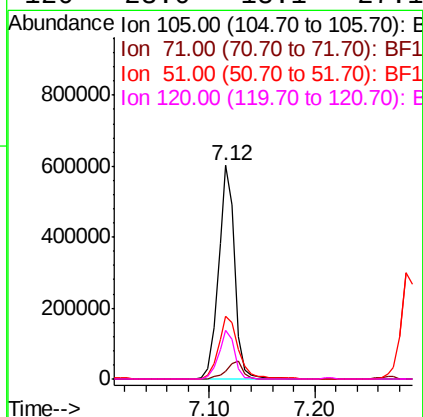
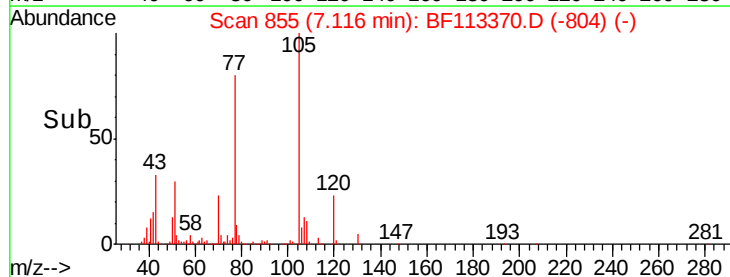
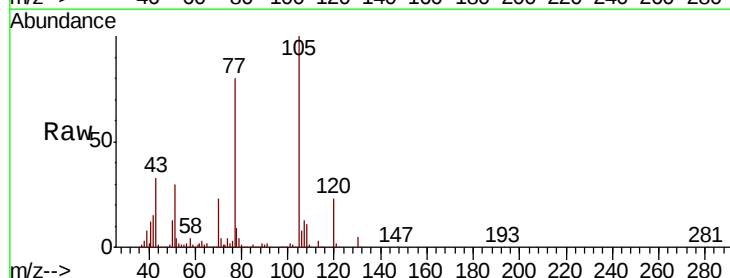
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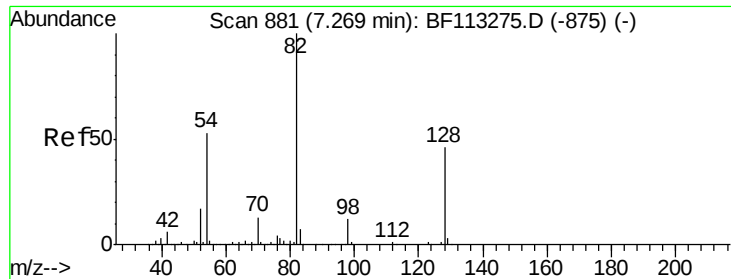
Sohil
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#22
Acetophenone
Concen: 36.709 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	648164		
71	3.7	3.3	4.9	
51	29.6	24.2	36.2	
120	23.0	18.1	27.1	





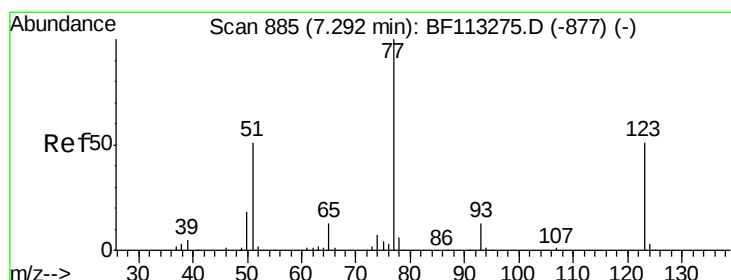
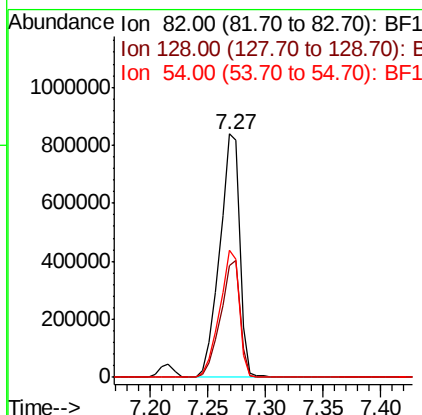
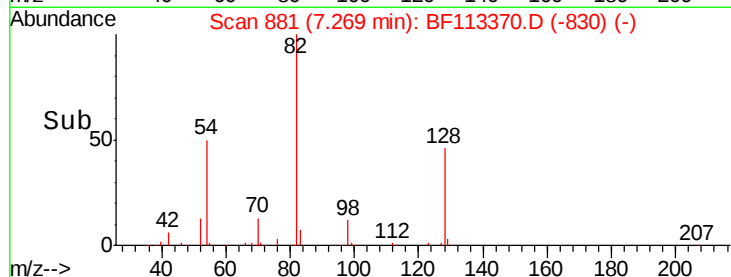
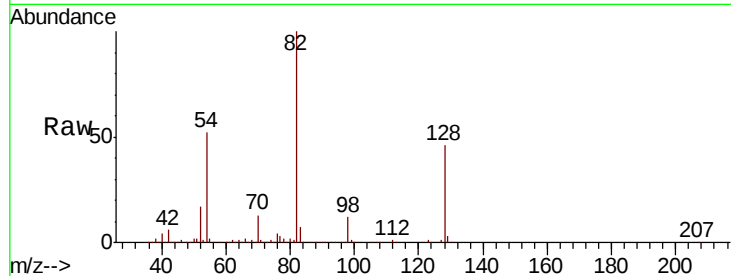
#23
Nitrobenzene-d5
Concen: 77.550 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1011589
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 52.0 42.2 63.2

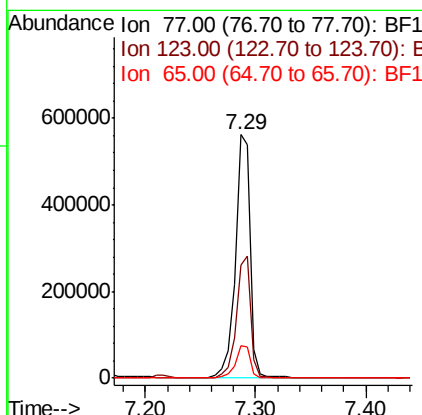
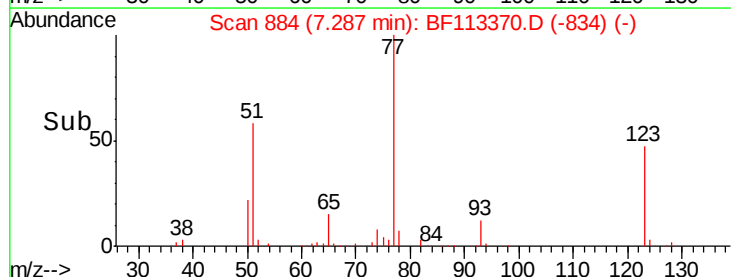
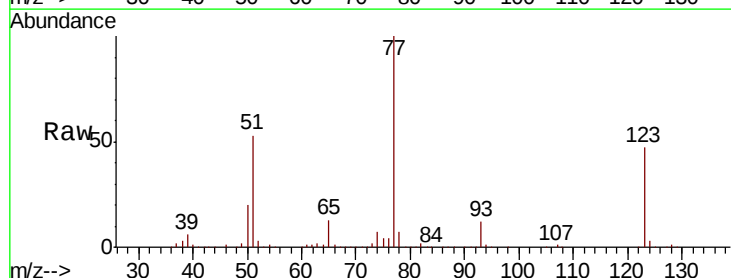
Manual Integrations
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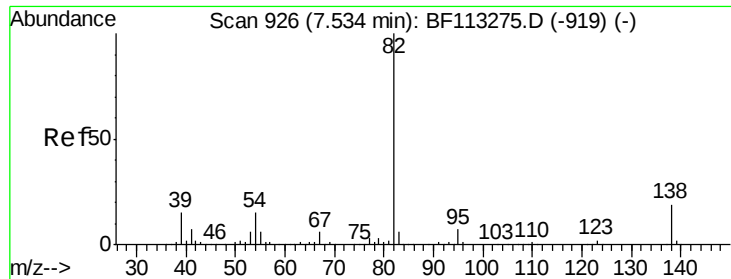
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#24
Nitrobenzene
Concen: 38.818 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion: 77 Resp: 528386
Ion Ratio Lower Upper
77 100
123 46.5 40.8 61.2
65 13.4 10.6 16.0





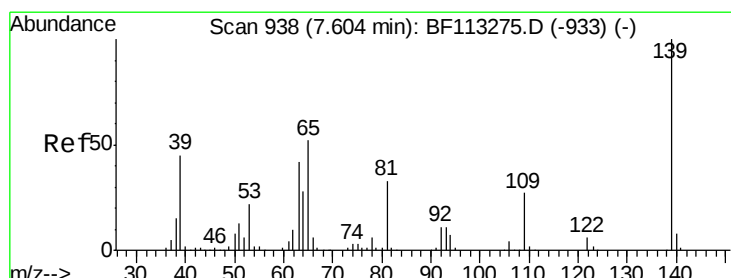
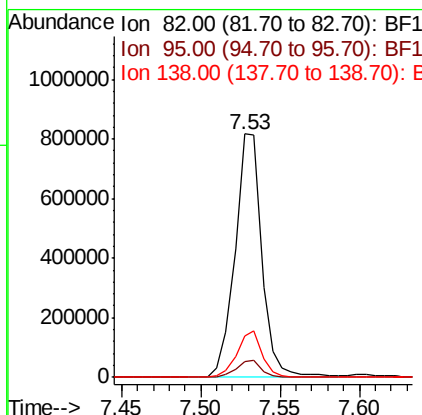
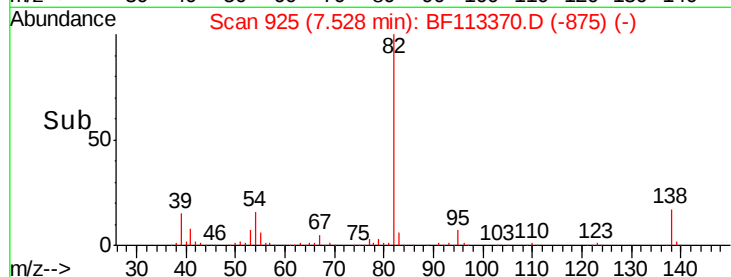
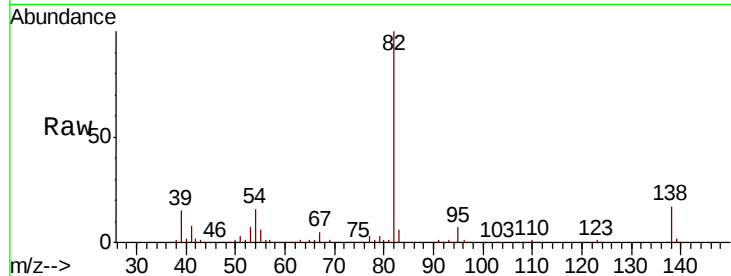
#25
Isophorone
Concen: 38.032 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	82	Resp	961436
Ion Ratio	100	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.0	15.2	22.8

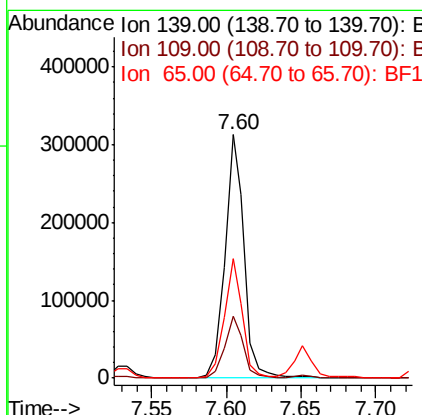
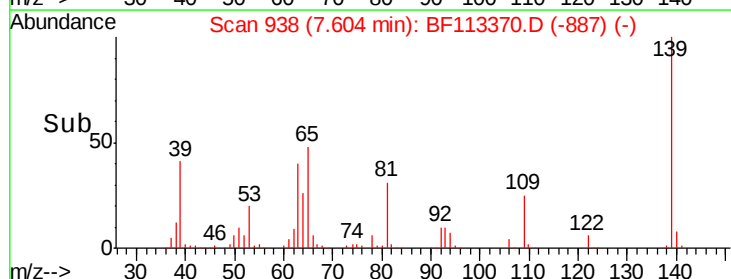
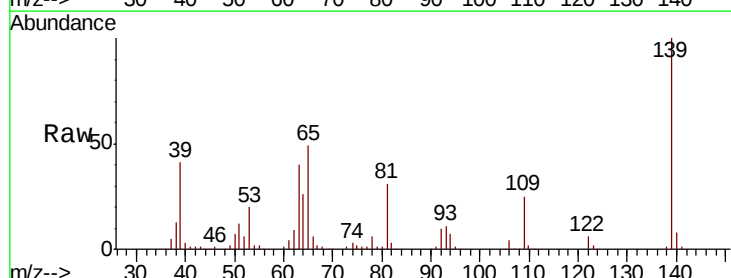
Manual Integrations
APPROVED

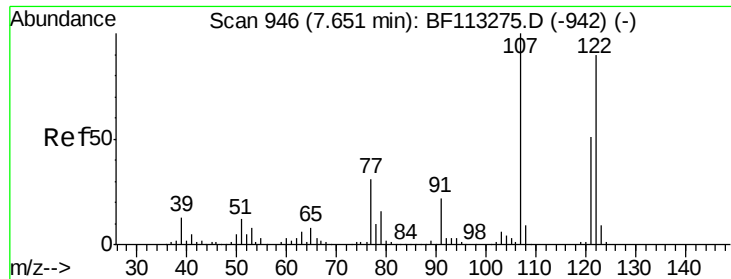
Sohil
3/29/2019 4:47:17 PM



#26
2-Nitrophenol
Concen: 39.494 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	139	Resp	284159
Ion Ratio	100	Lower	Upper
139	100		
109	25.4	21.7	32.5
65	48.9	41.6	62.4





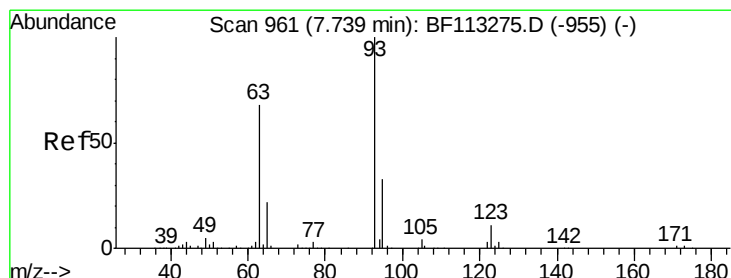
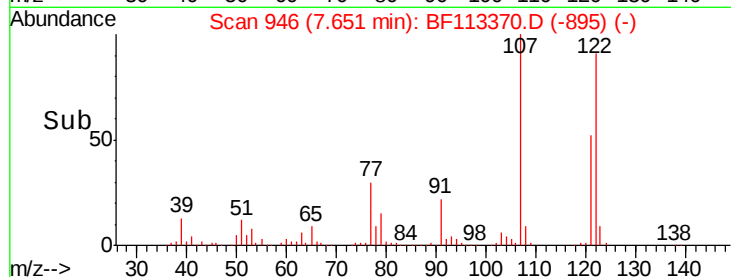
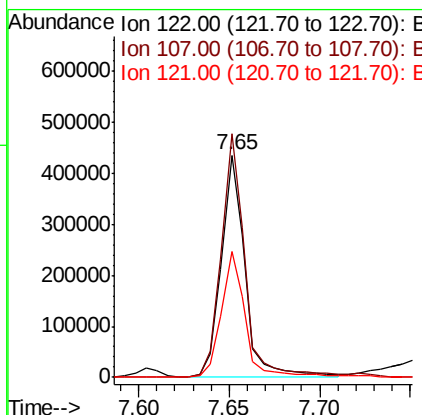
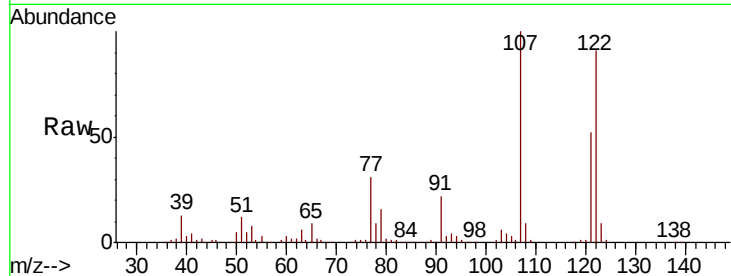
#27
2,4-Dimethylphenol
Concen: 38.286 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396261		
107	109.6	88.8	133.2	
121	56.8	45.5	68.3	

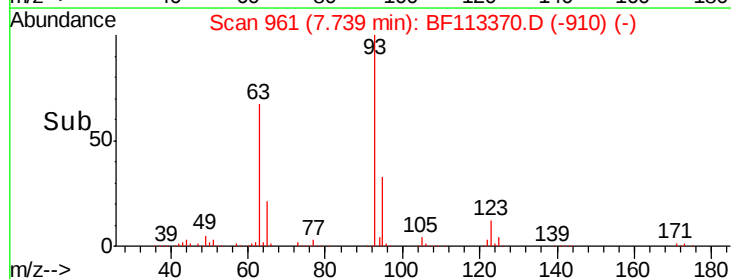
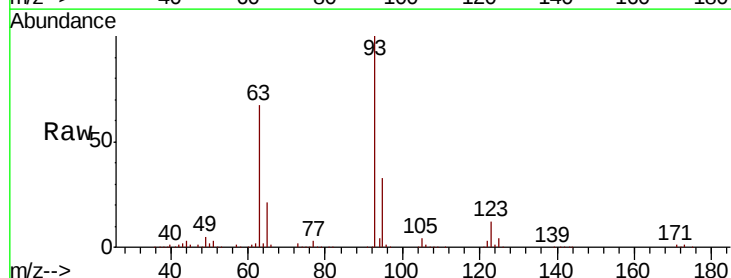
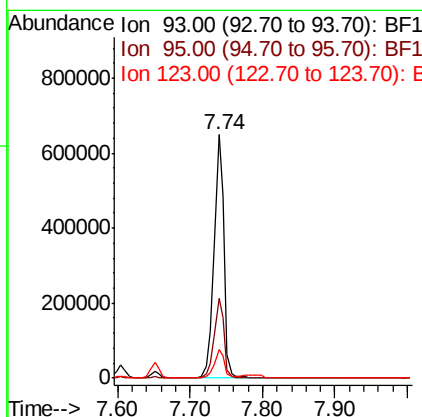
Manual Integrations
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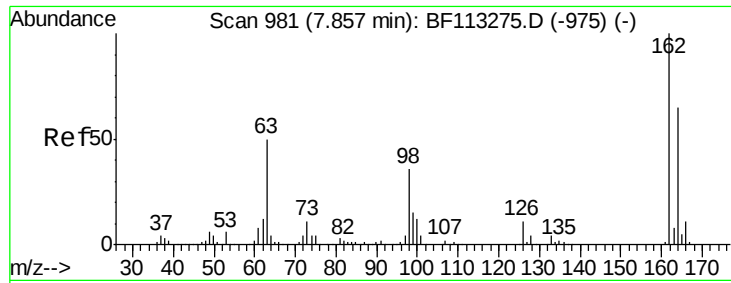
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.741 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	616729		
95	32.8	26.0	39.0	
123	11.7	9.1	13.7	





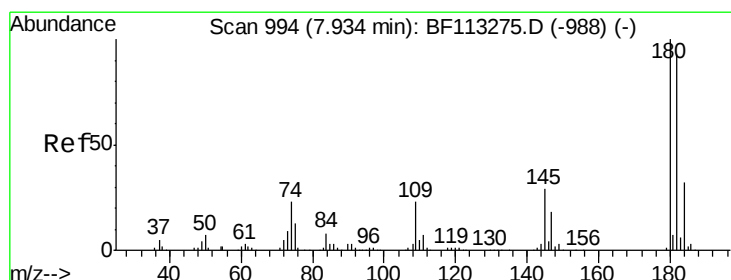
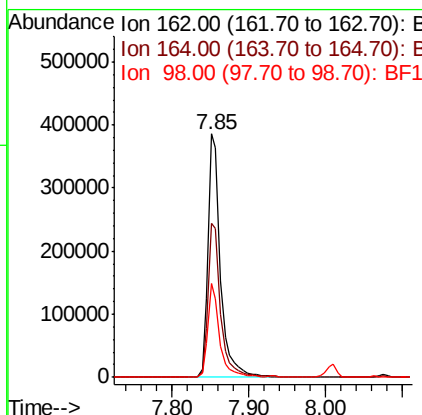
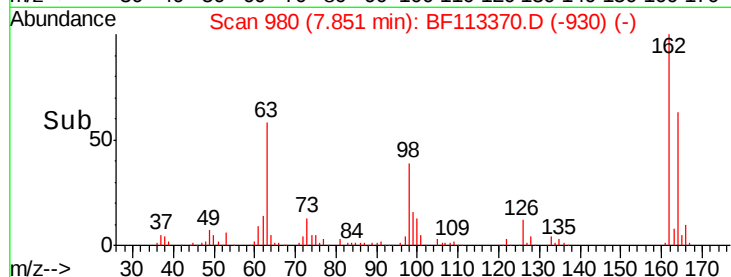
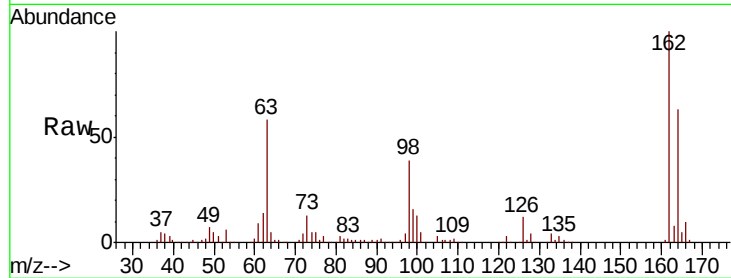
#29
2,4-Dichlorophenol
Concen: 38.634 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	433322
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.6	84.6
98	38.7	15.6	55.6

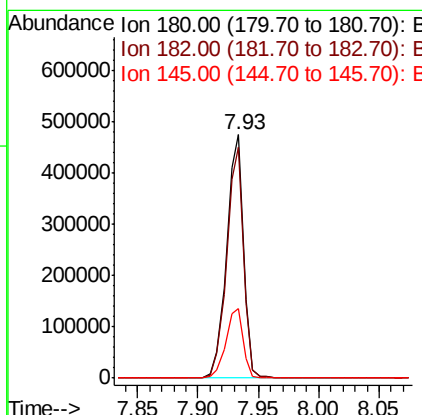
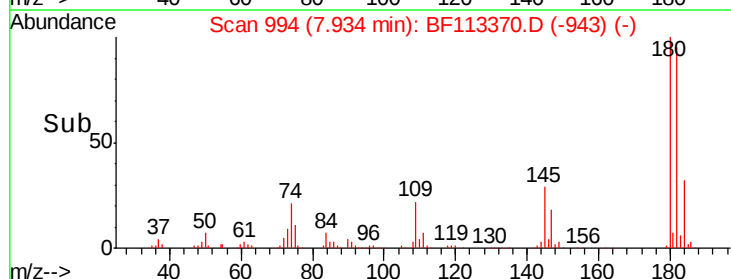
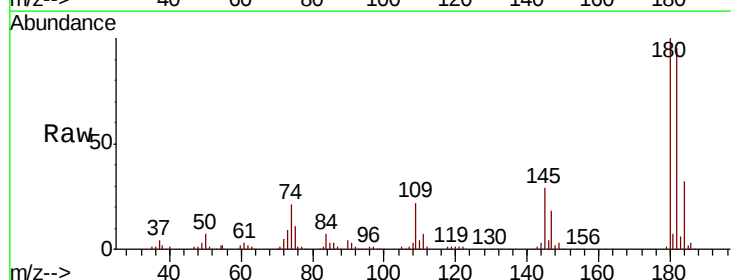
Manual Integrations
APPROVED

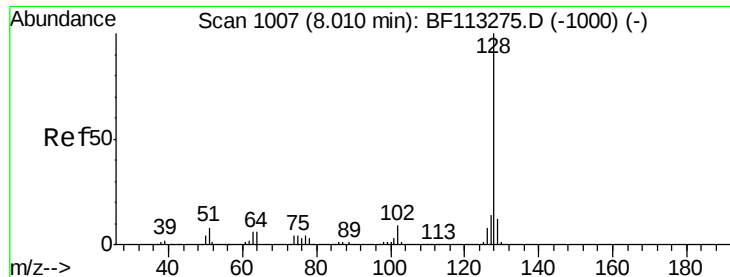
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#30
1,2,4-Trichlorobenzene
Concen: 37.963 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:	180	Resp:	459392
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.6	111.8
145	28.8	23.4	35.0





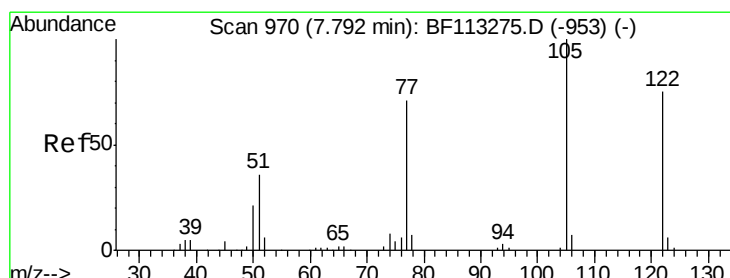
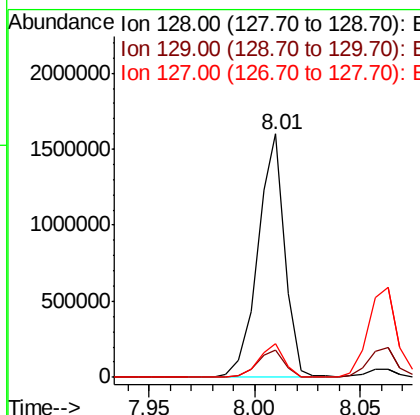
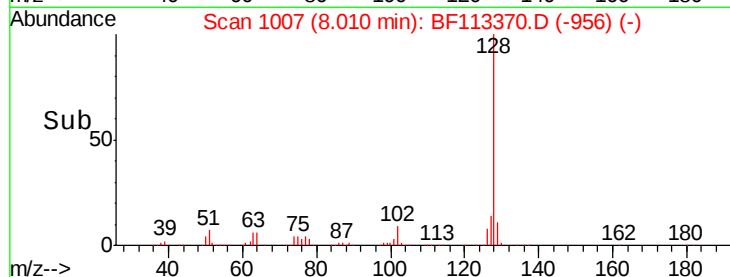
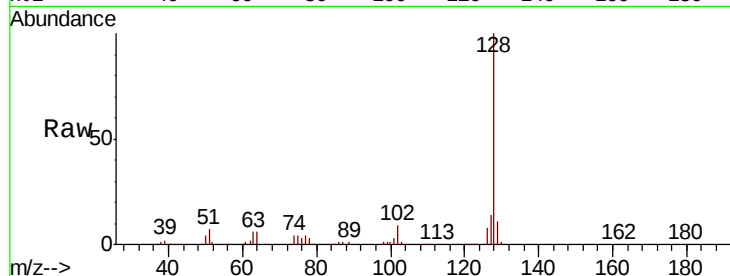
#31
Naphthalene
Concen: 37.430 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1416174
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 10.9 16.3

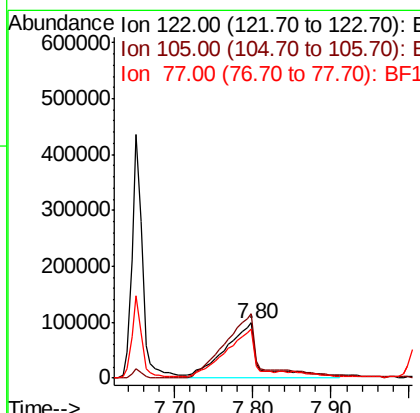
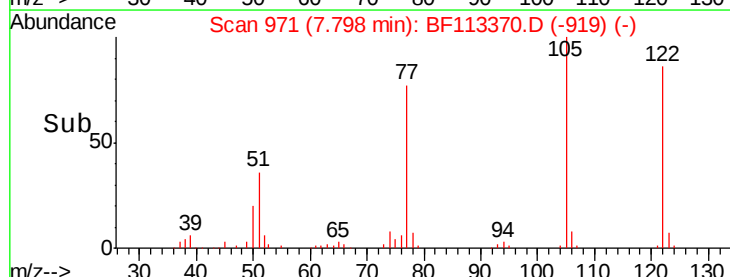
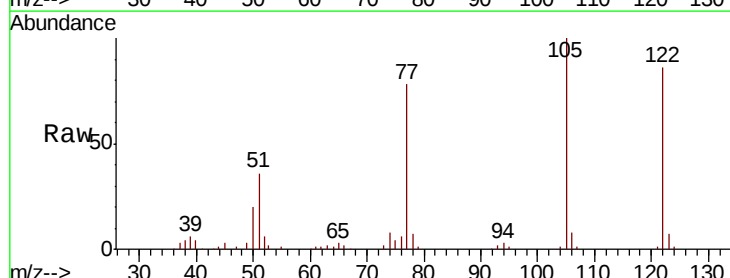
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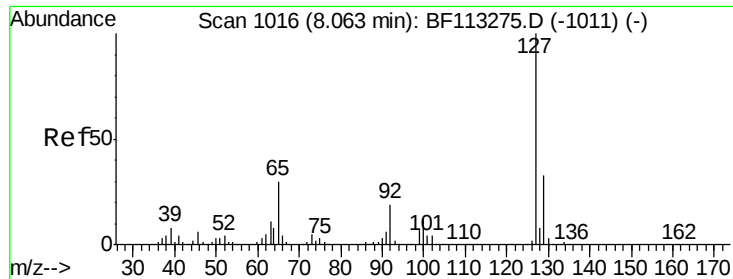
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#32
Benzoic acid
Concen: 37.574 ng m
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:122 Resp: 313040
Ion Ratio Lower Upper
122 100
105 116.4 100.4 140.4
77 90.3 69.0 109.0





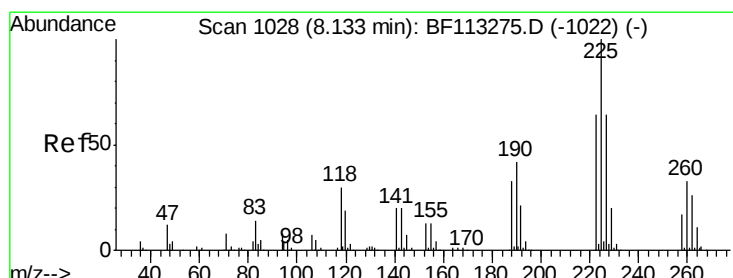
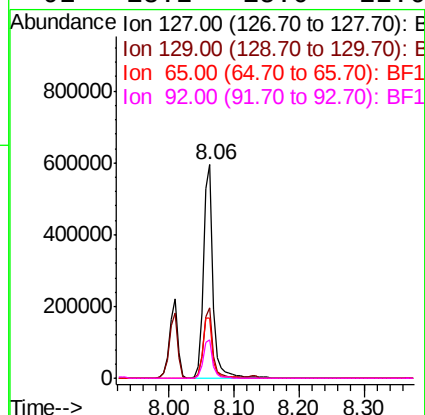
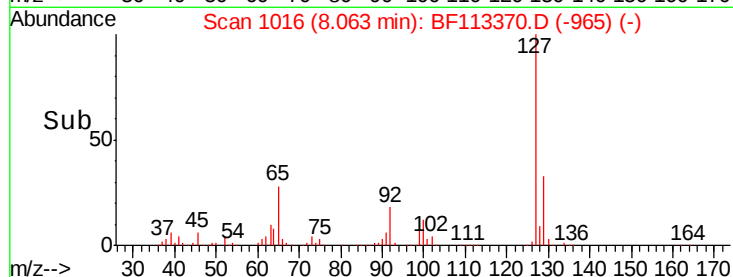
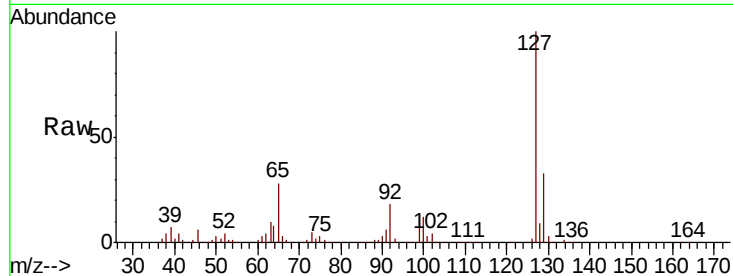
#33
4-Chloroaniline
Concen: 40.933 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	28.1	24.2	36.4		
92	18.2	15.0	22.6		

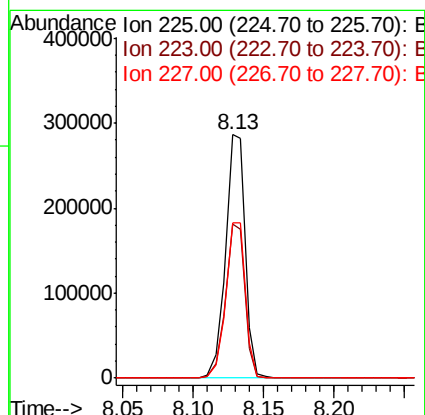
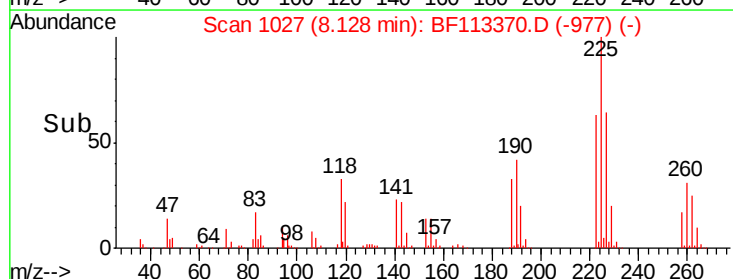
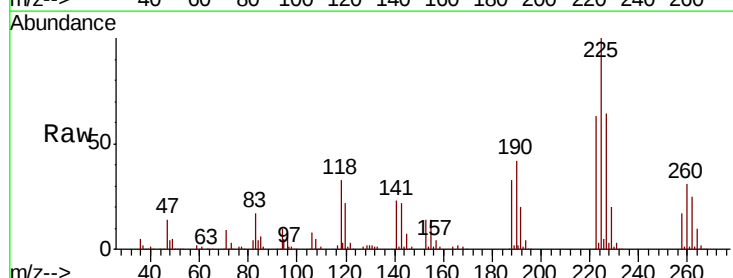
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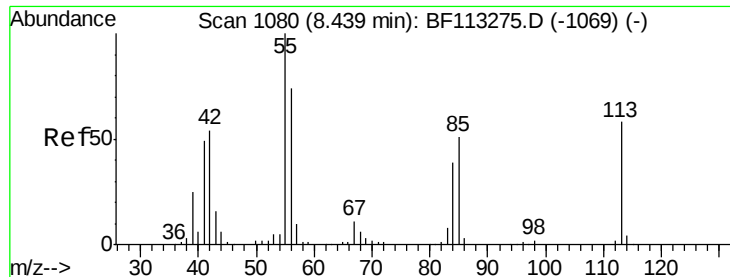
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#34
Hexachlorobutadiene
Concen: 38.328 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.4	77.2		
227	63.7	51.1	76.7		





#35

Caprolactam

Concen: 41.372 ng

RT: 8.45 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

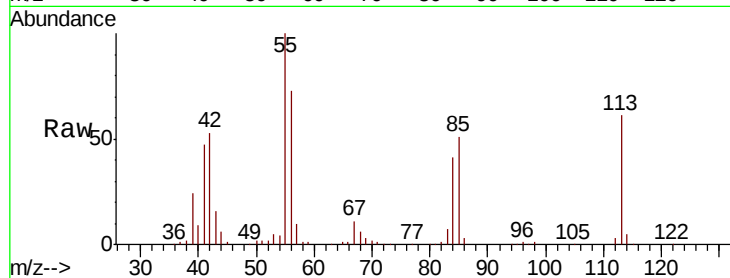
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.8	152.7	192.7
56	120.9	108.3	148.3

Manual Integrations
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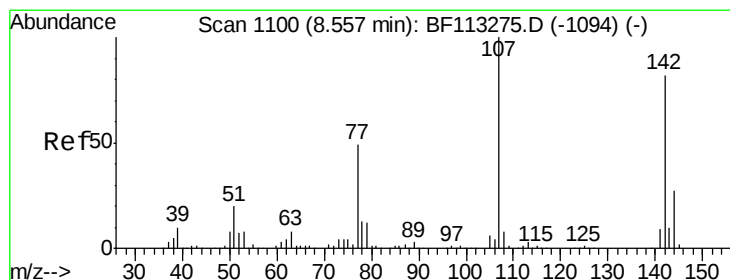
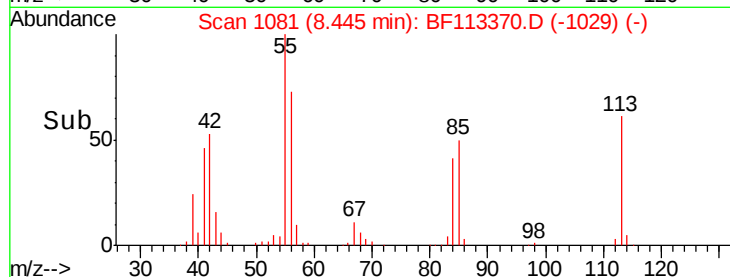
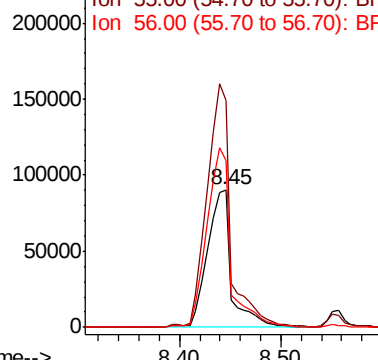
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.700 ng

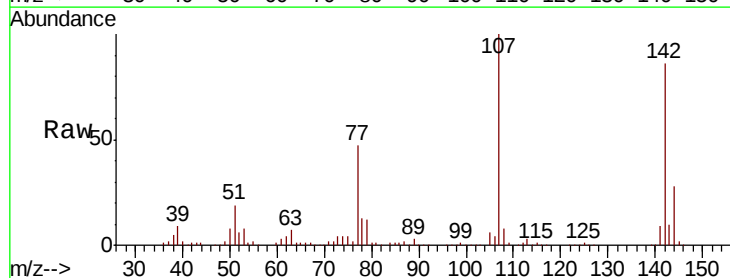
RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

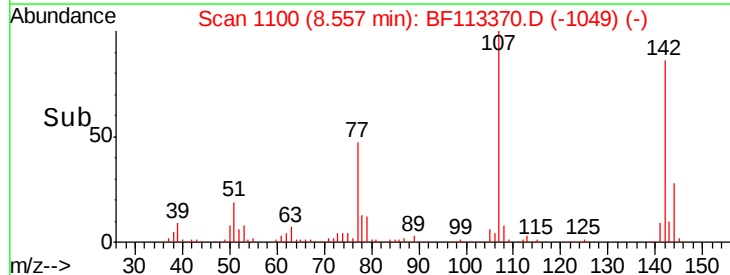
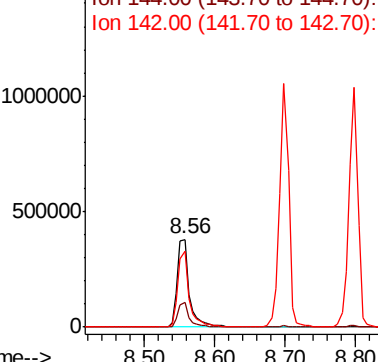
Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.4	32.0
142	85.9	65.6	98.4

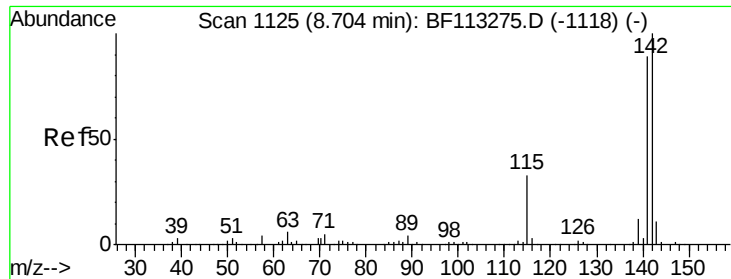


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





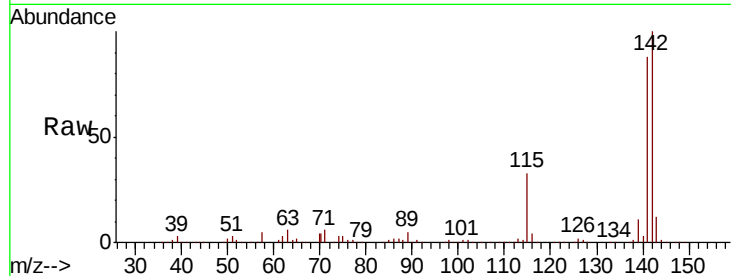
#37
2-Methylnaphthalene
Concen: 39.556 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	33.4	26.6	39.8

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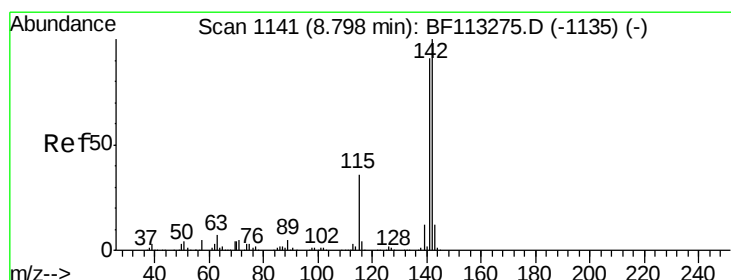
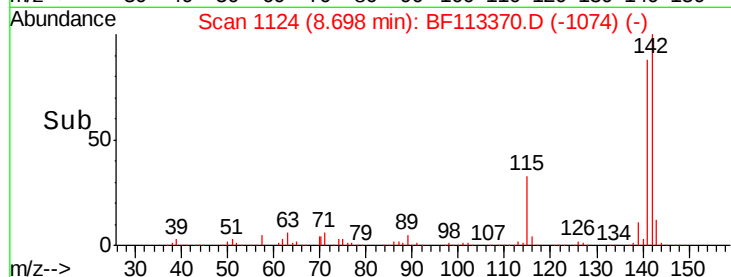
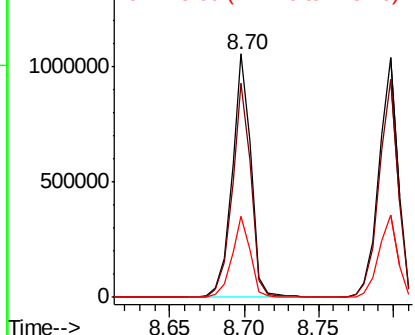


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.451 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

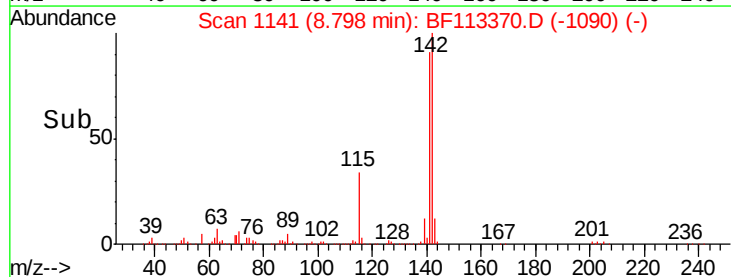
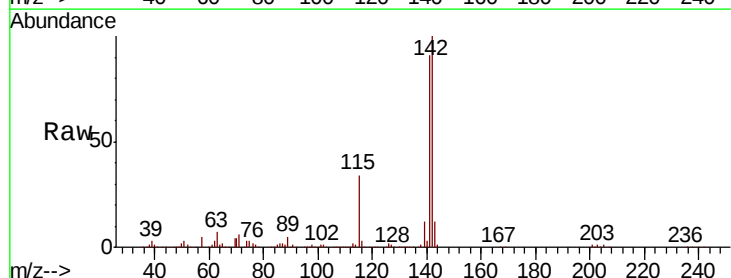
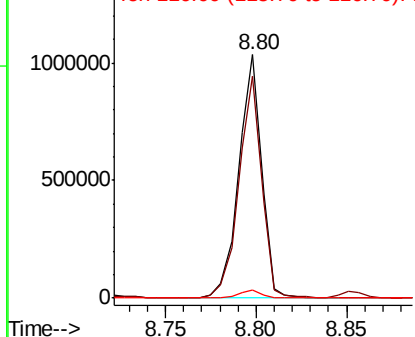
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	3.5	3.0	4.4

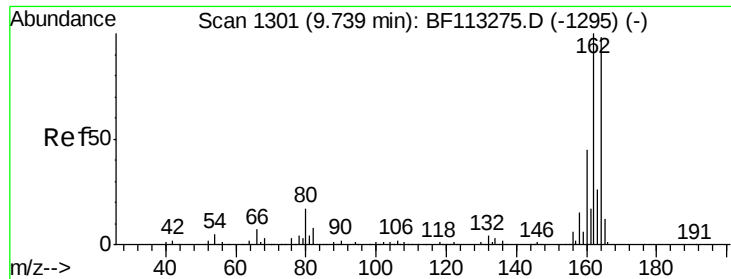
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





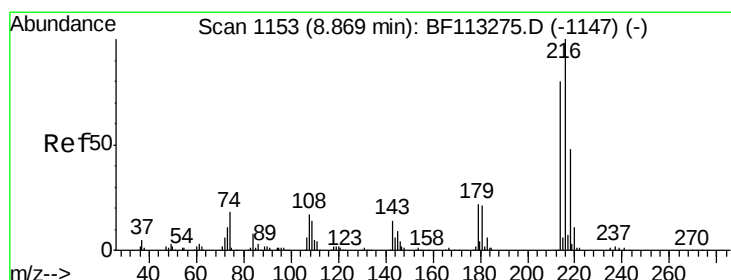
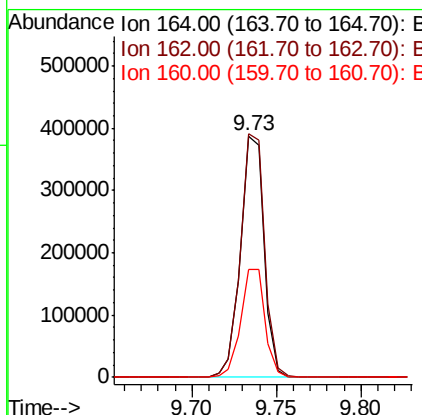
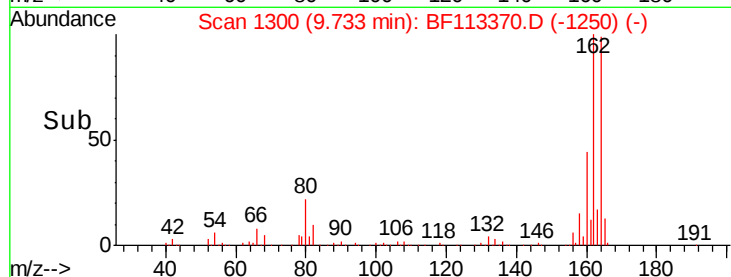
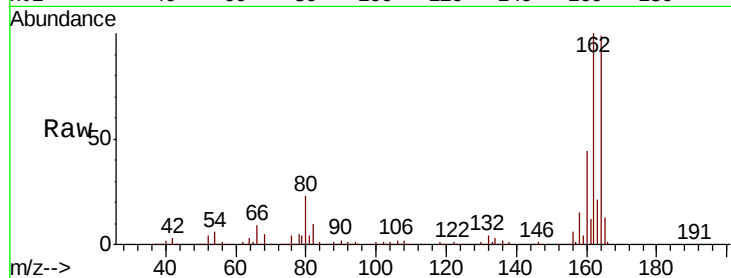
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	44.6	36.4	54.6

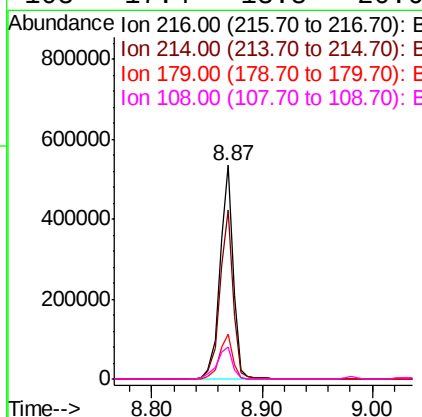
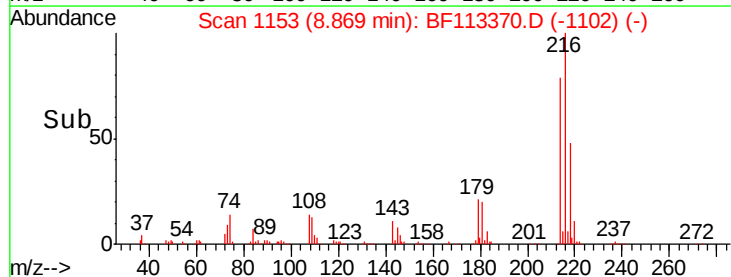
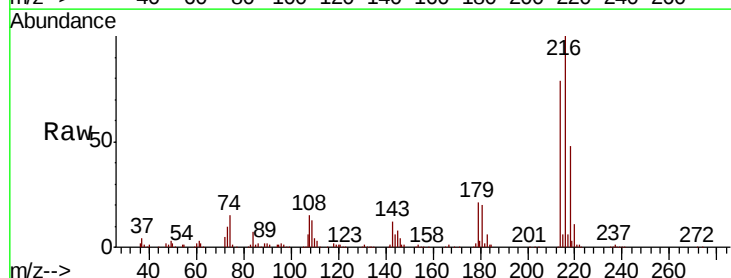
Manual Integrations
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.898 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.7	16.8	25.2
108	17.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 43.790 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

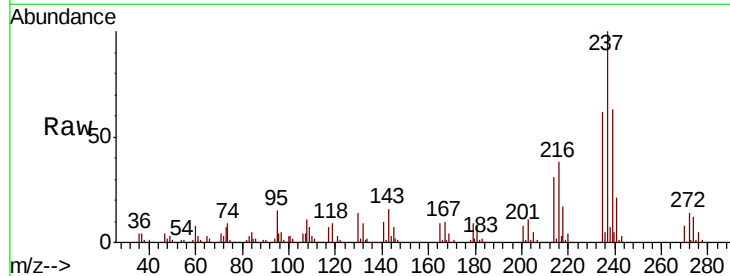
ClientSampleId :

SSTDCCC040

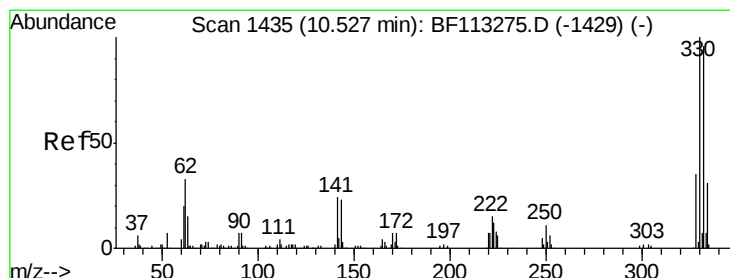
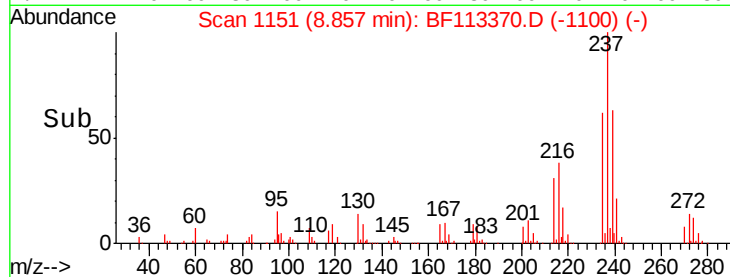
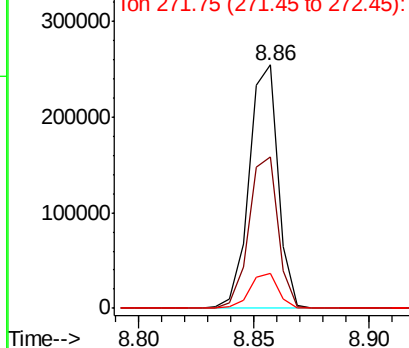
Tot Ion:	237	Resp:	224126
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.4	83.4
272	14.4	0.0	33.7

Manual Integrations
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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: 74.204 ng

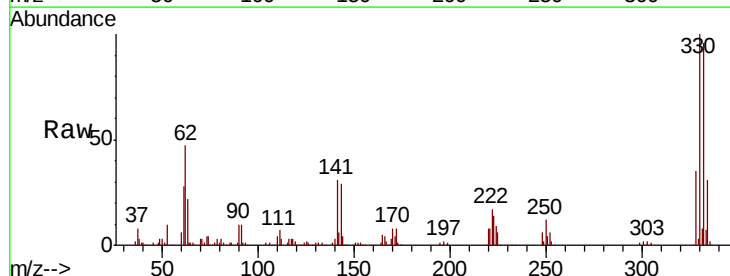
RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

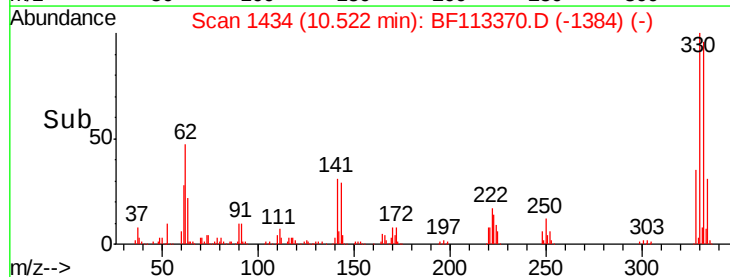
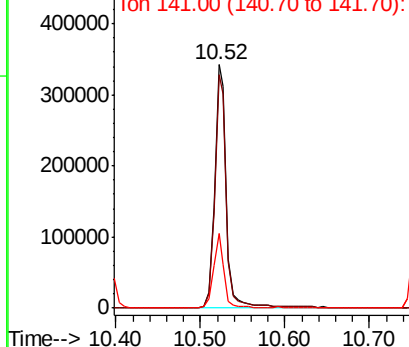
Lab File: BF113370.D

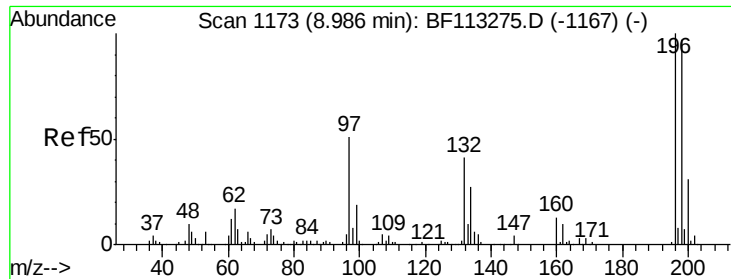
Acq: 28 Mar 2019 13:07

Tgt Ion:	330	Resp:	345276
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.8	116.6
141	27.1	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





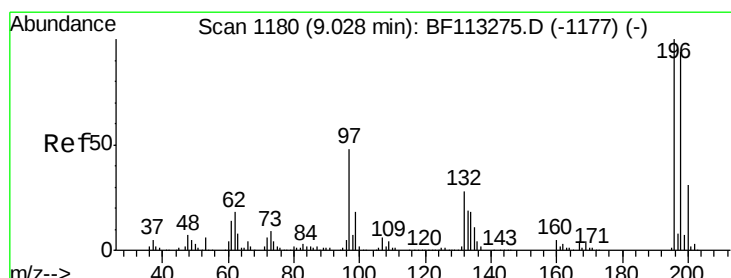
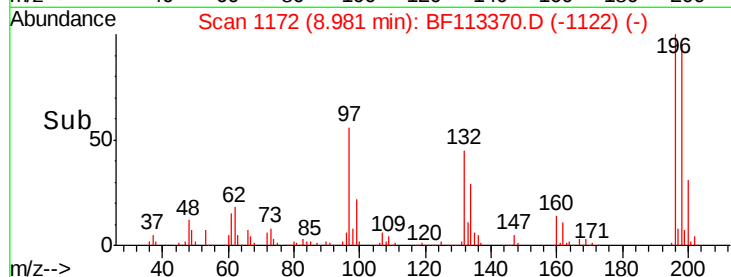
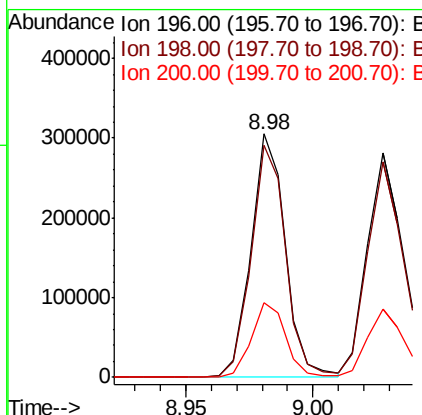
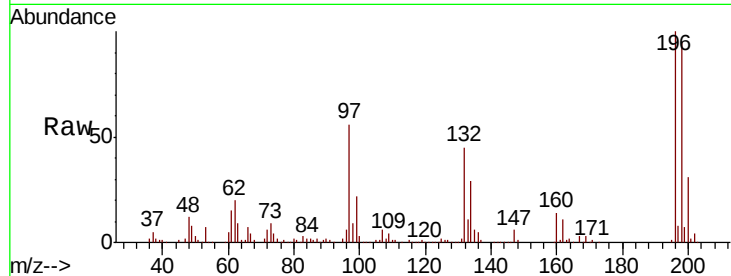
#43
 2,4,6-Trichlorophenol
 Concen: 36.719 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289134		
198	95.3	77.7	116.5	
200	30.6	24.9	37.3	

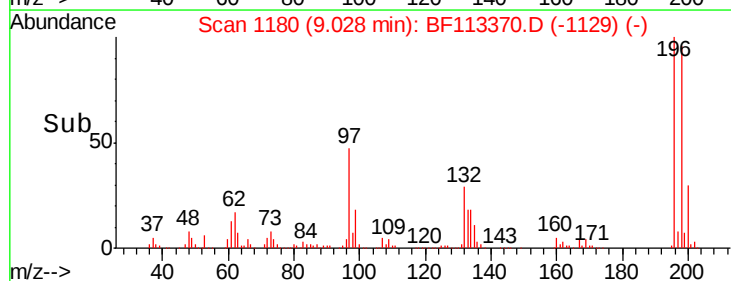
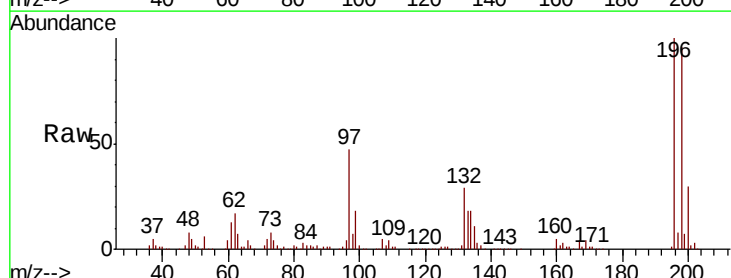
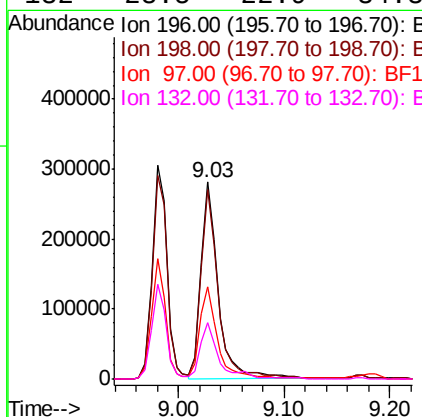
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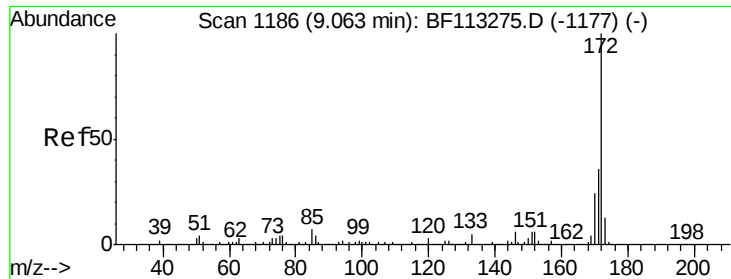
Sohil
 3/29/2019 4:47:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.485 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317941		
198	96.1	75.4	113.2	
97	46.7	38.6	58.0	
132	28.5	22.9	34.3	





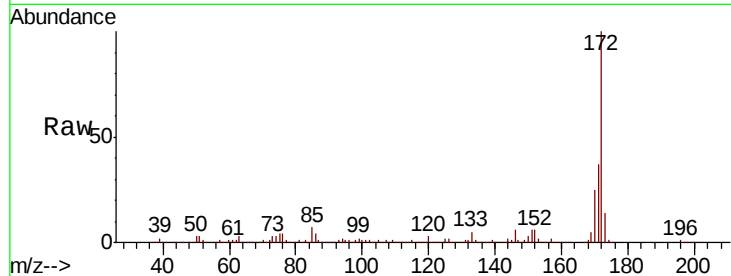
#45
2-Fluorobiphenyl
Concen: 70.172 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

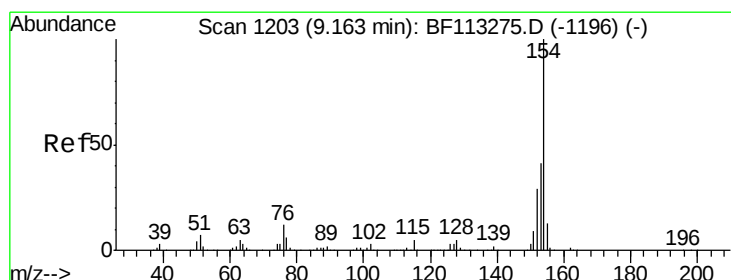
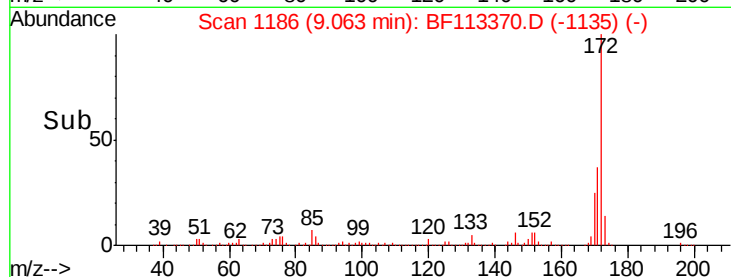
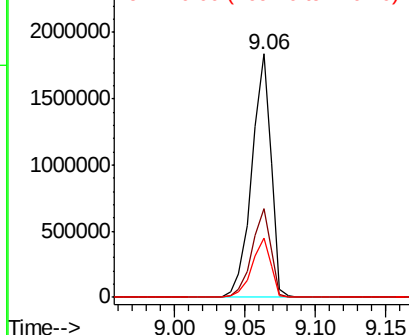
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	19.5	29.3

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3/29/2019 4:47:17 PM

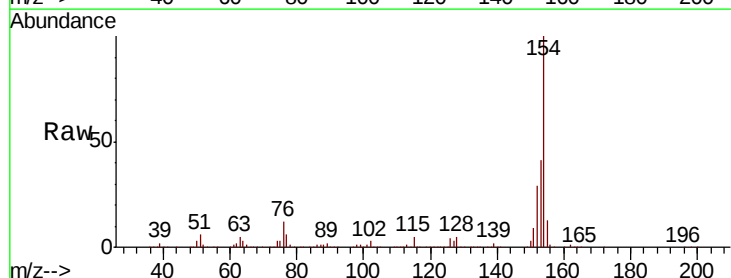


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

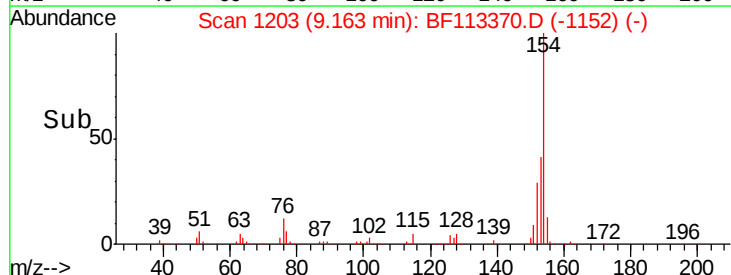
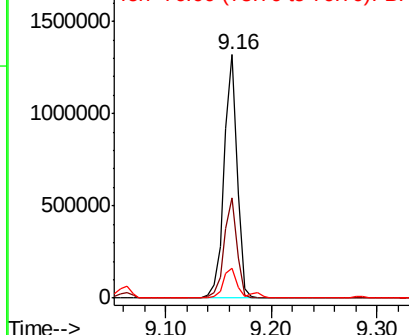


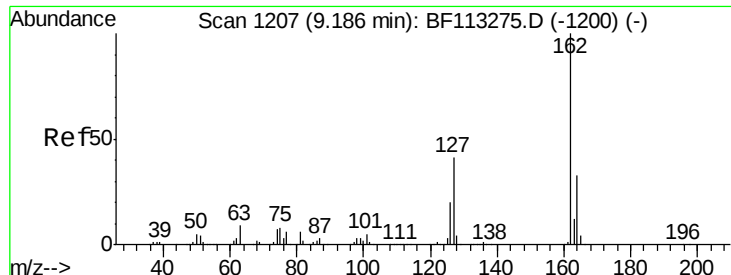
#46
1,1'-Biphenyl
Concen: 36.557 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	12.4	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





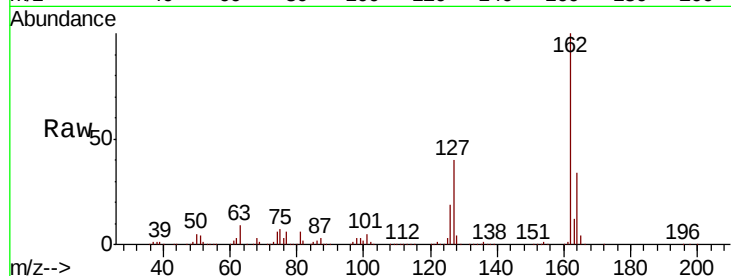
#47
 2-Chloronaphthalene
 Concen: 36.624 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

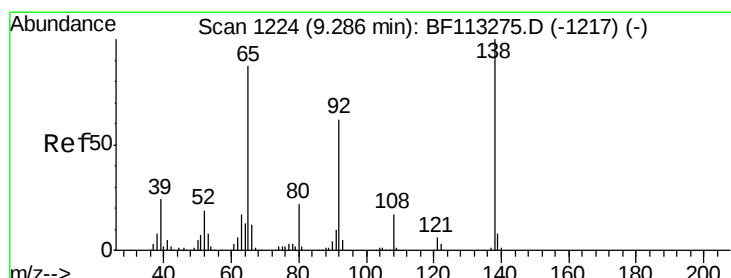
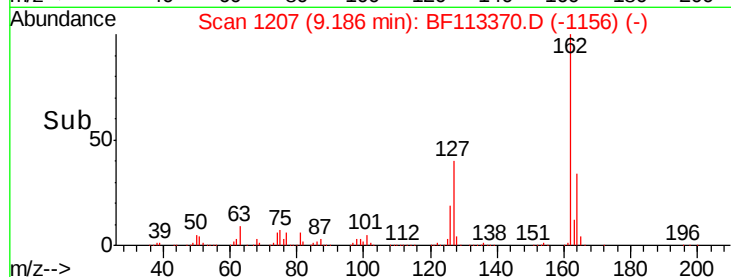
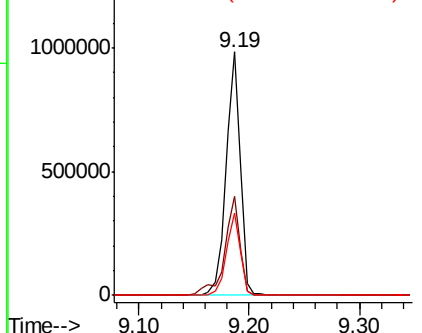
Tot Ion:	162	Resp:	887164
Ion Ratio	Lower	Upper	
162	100		
127	40.4	32.6	49.0
164	33.8	26.6	39.8

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 3/29/2019 4:47:17 PM



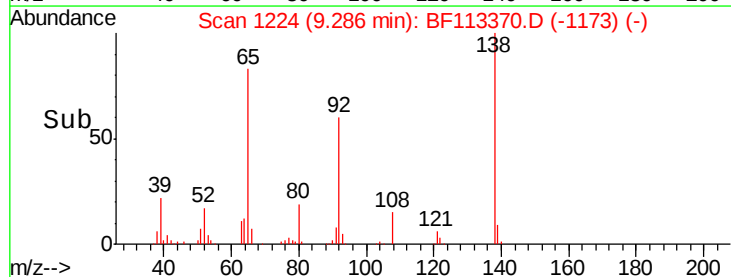
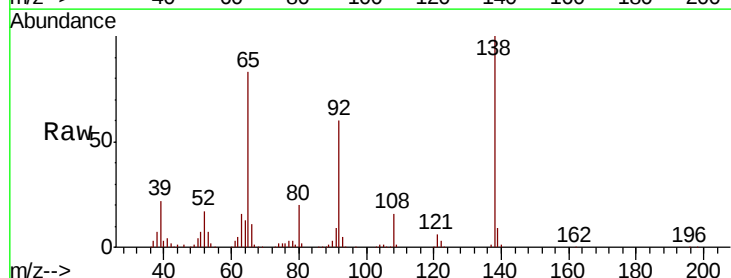
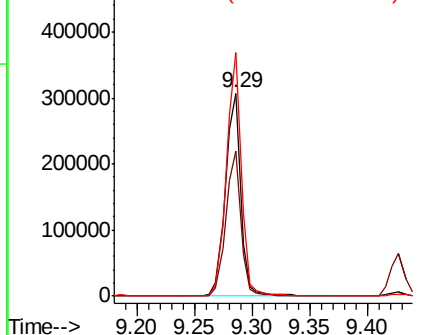
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

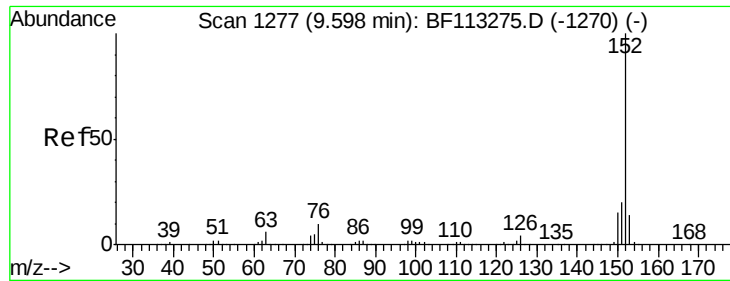


#48
 2-Nitroaniline
 Concen: 37.638 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion:	65	Resp:	286117
Ion Ratio	Lower	Upper	
65	100		
92	71.6	56.8	85.2
138	120.0	92.3	138.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.297 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1460833

Ion Ratio Lower Upper

152 100

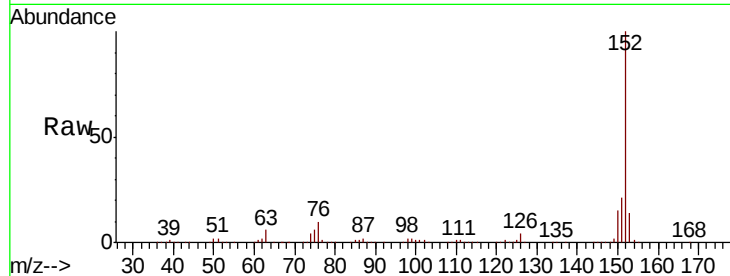
151 21.1 16.2 24.4

153 13.9 11.0 16.6

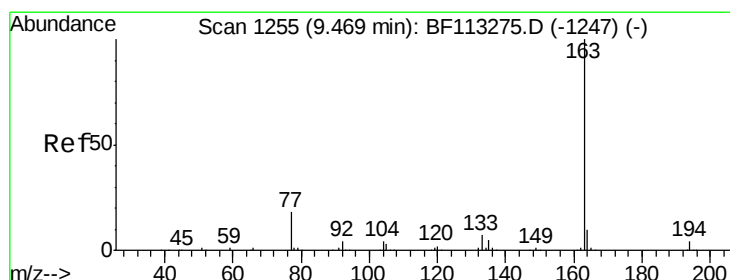
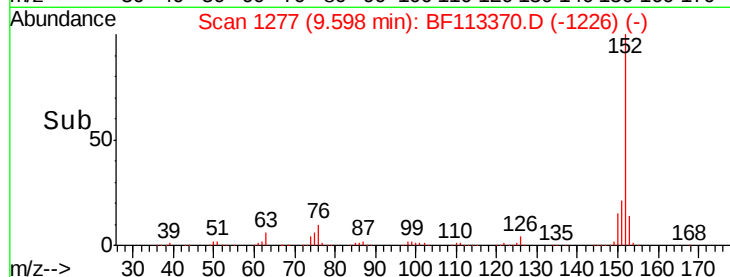
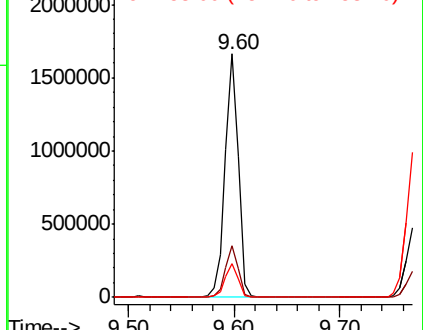
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3/29/2019 4:47:17 PM



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



#50

Dimethylphthalate

Concen: 37.842 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

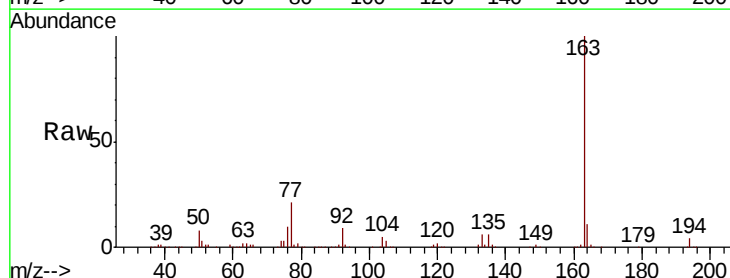
Tgt Ion:163 Resp: 1056414

Ion Ratio Lower Upper

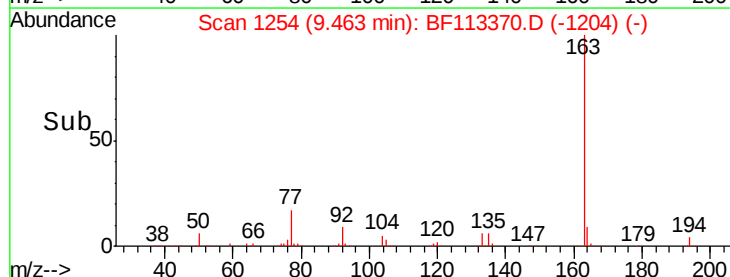
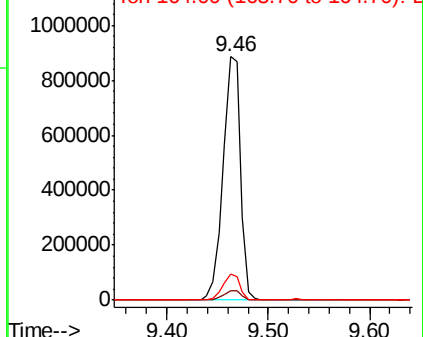
163 100

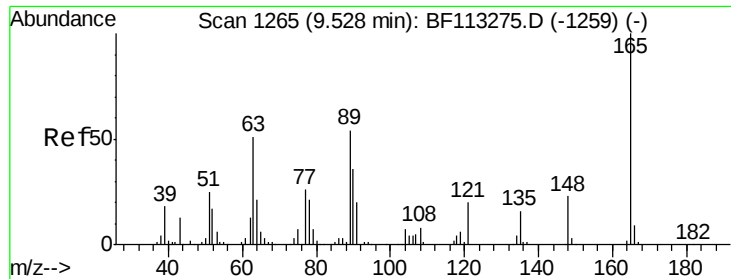
194 3.8 3.0 4.6

164 10.6 8.1 12.1



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





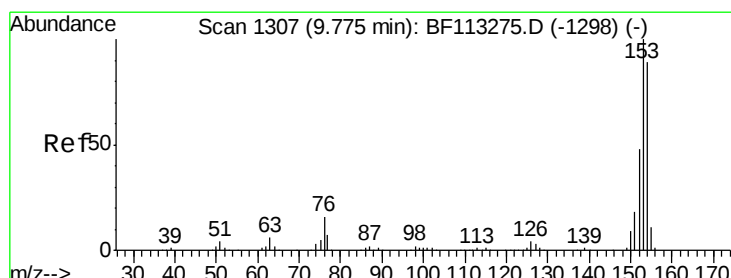
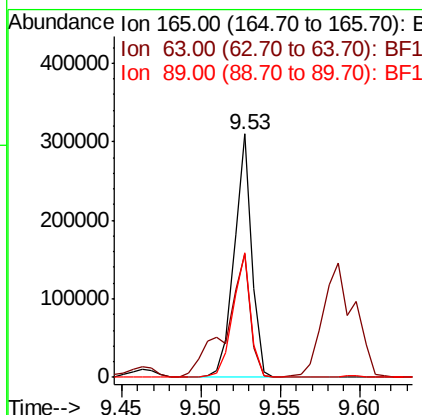
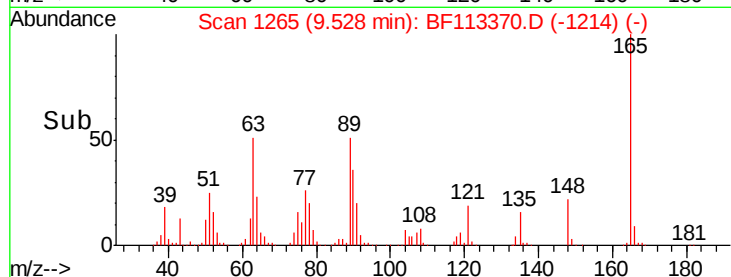
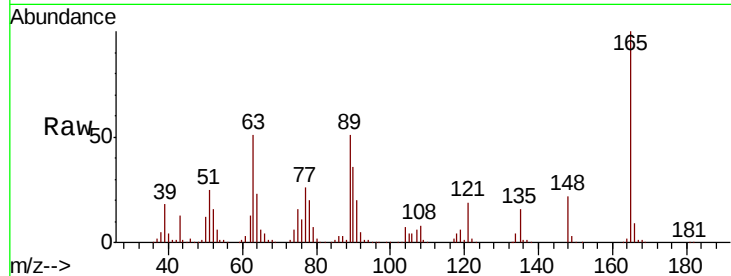
#51
2,6-Dinitrotoluene
Concen: 37.898 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.7	43.4	65.0
89	51.4	43.1	64.7

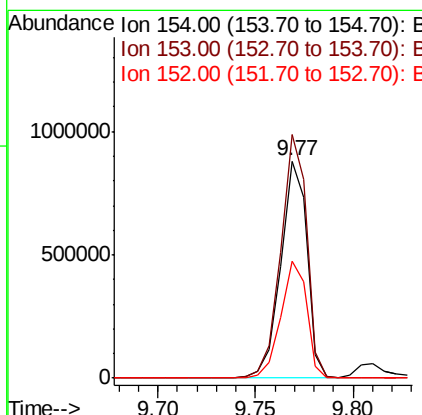
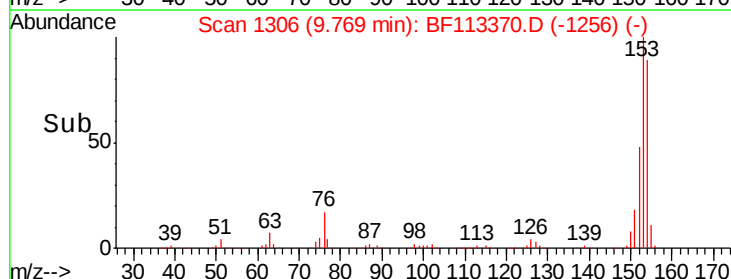
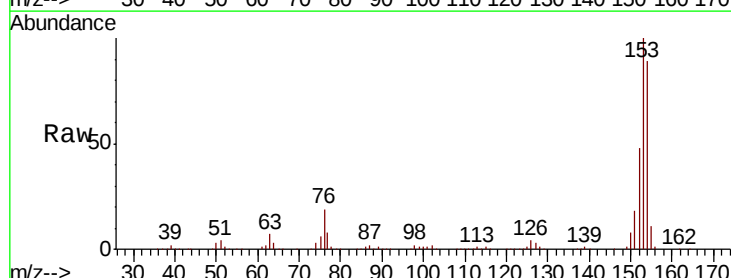
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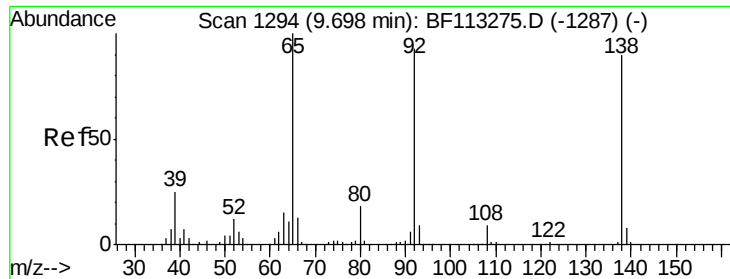
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3/29/2019 4:47:17 PM



#52
Acenaphthene
Concen: 37.185 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.1	89.5	134.3
152	53.9	43.3	64.9





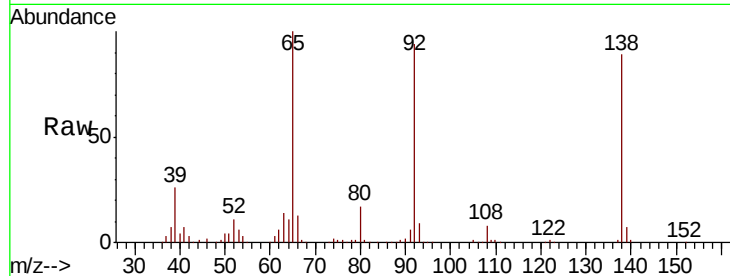
#53
3-Nitroaniline
Concen: 38.910 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.6
92	106.2	82.6	124.0

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3/29/2019 4:47:17 PM

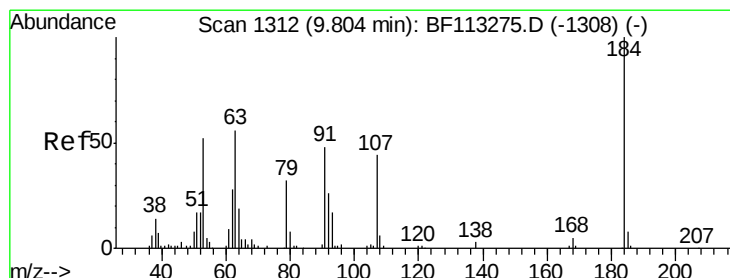
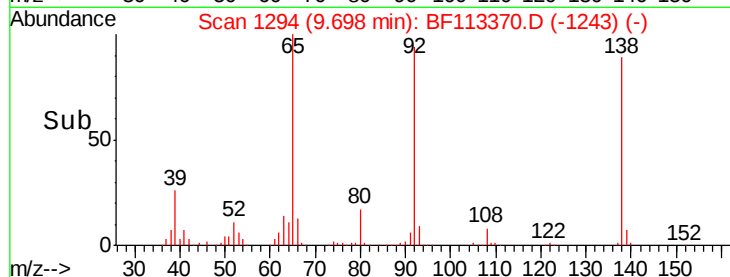
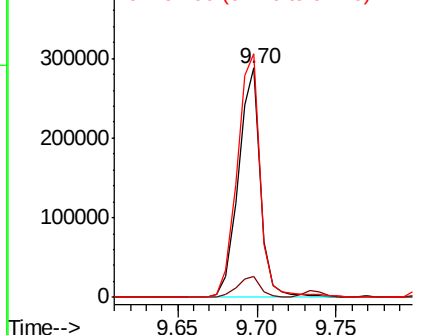


Abundance

Ion 138.00 (137.70 to 138.70): E

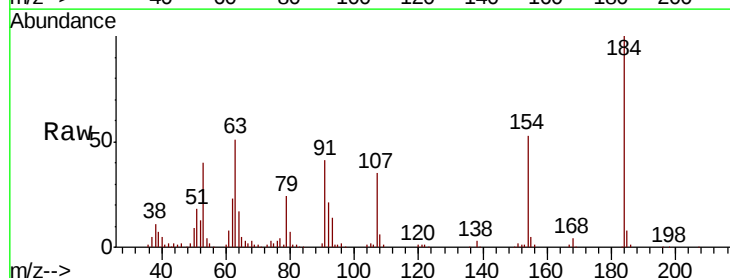
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 39.295 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.0	54.3	81.5#
154	52.6	48.4	72.6

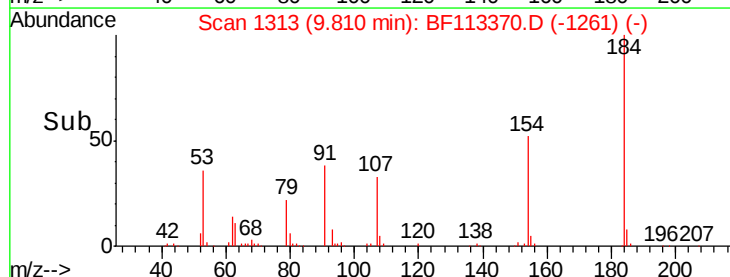
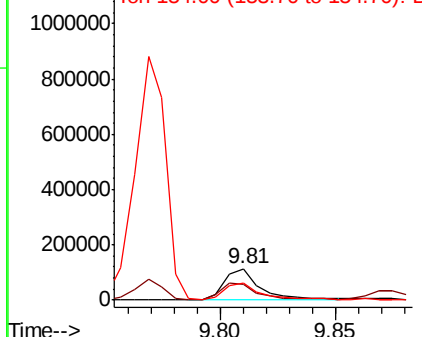


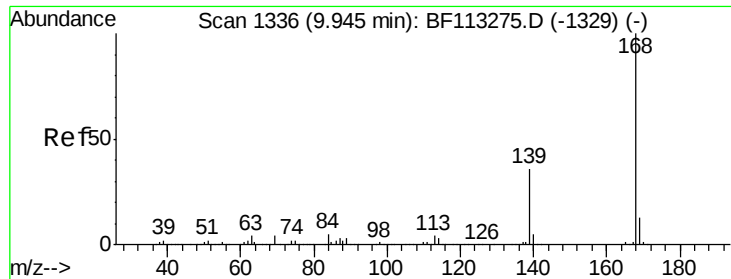
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





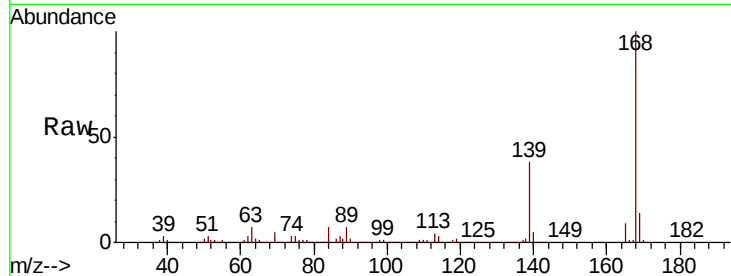
#55
Dibenzofuran
Concen: 37.191 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.7	44.5
169	13.9	10.7	16.1

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3/29/2019 4:47:17 PM

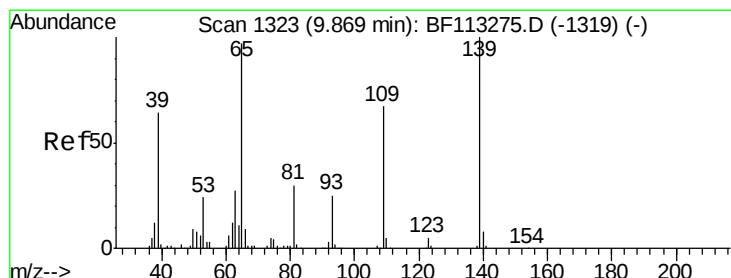
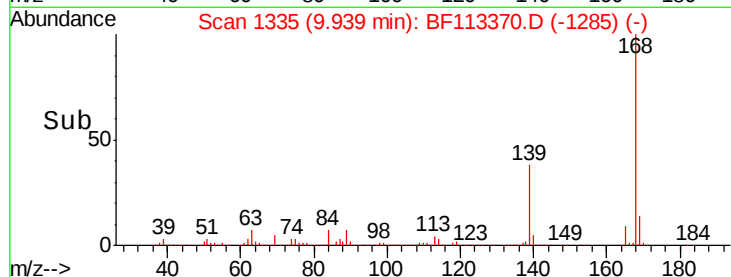
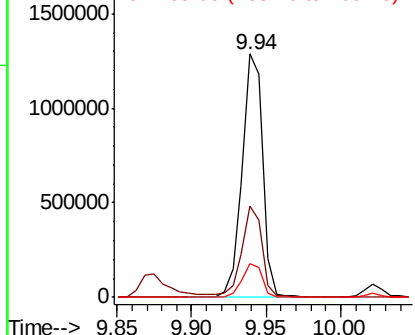


Abundance

Ion 168.00 (167.70 to 168.70): E

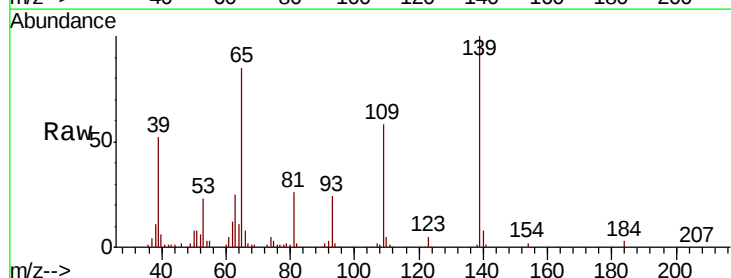
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 34.831 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.5	46.9	86.9
65	85.0	77.2	117.2

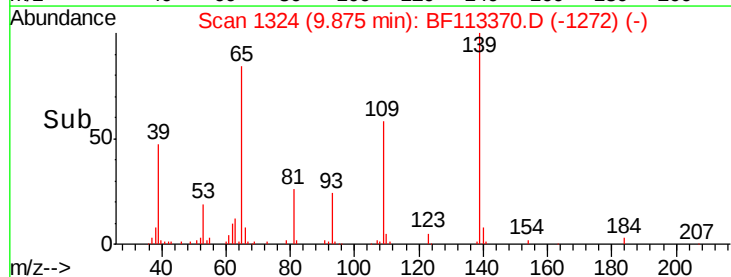
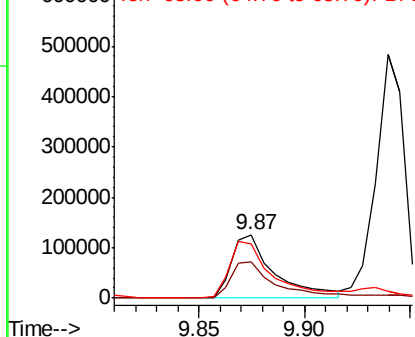


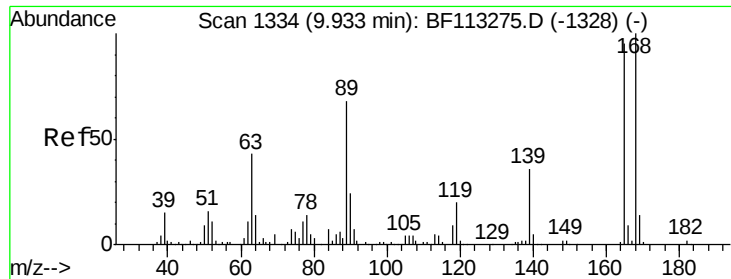
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





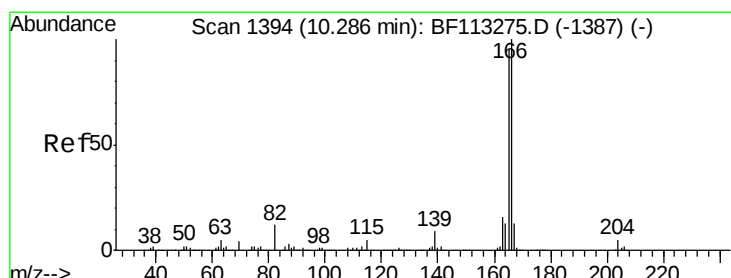
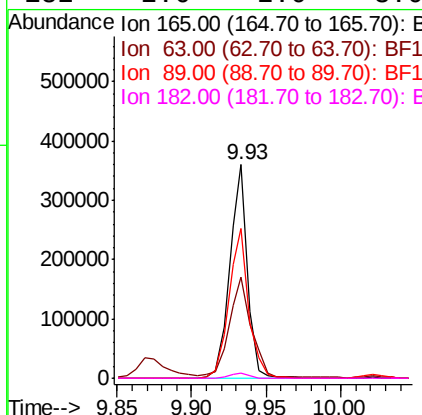
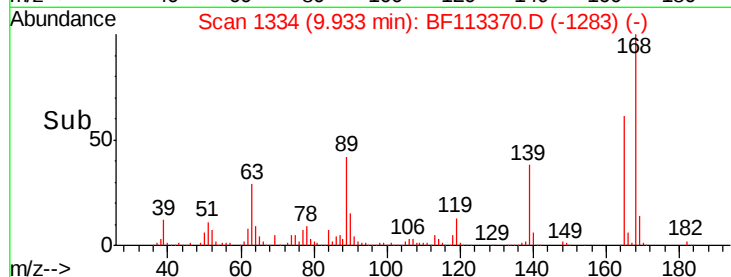
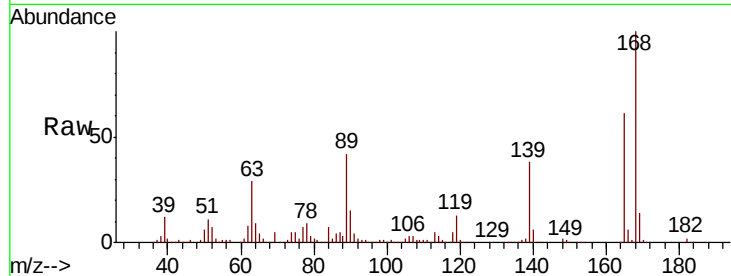
#57
 2,4-Dinitrotoluene
 Concen: 37.817 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.5	56.3
89	69.9	57.4	86.2
182	2.6	2.0	3.0

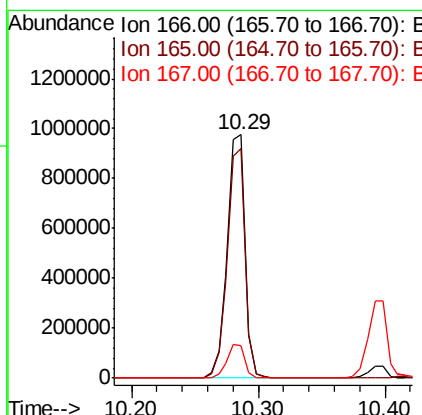
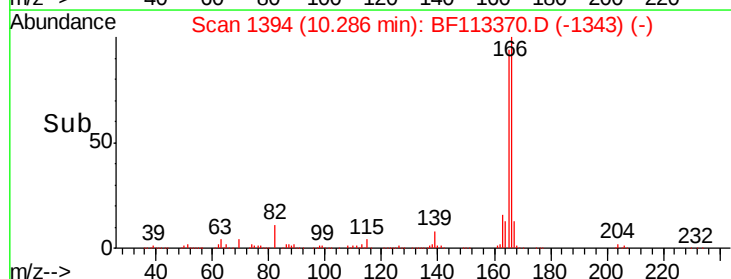
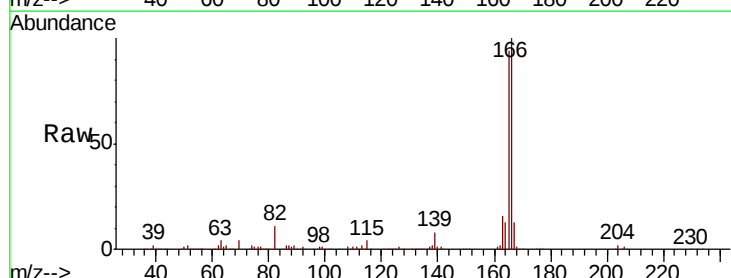
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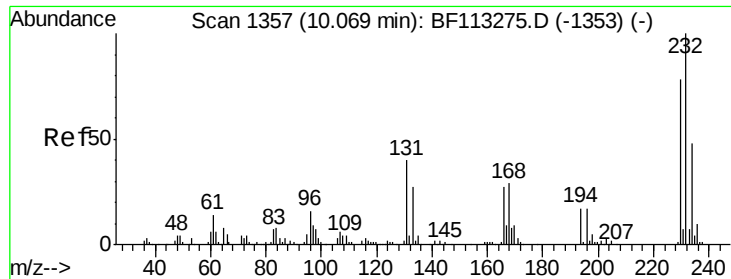
Sohil
 3/29/2019 4:47:17 PM



#58
 Fluorene
 Concen: 36.797 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.2	114.2
167	13.3	10.7	16.1





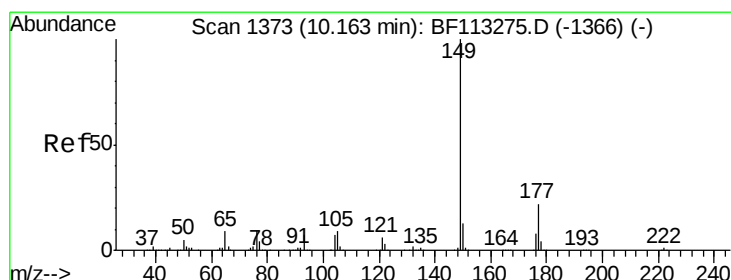
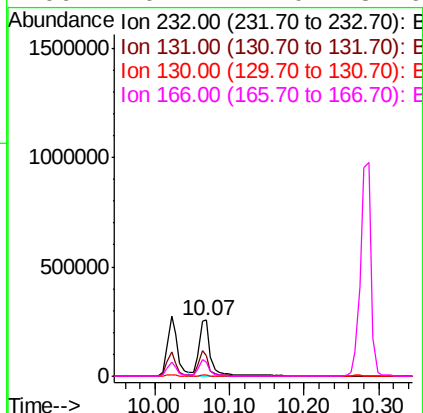
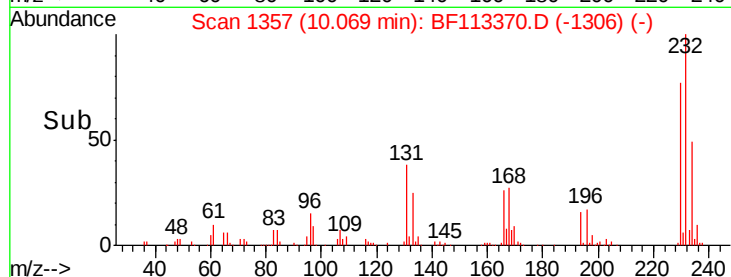
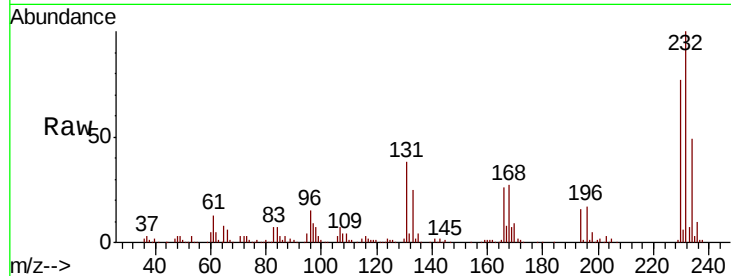
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.352 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		289991		
131	40.7	33.2	49.8		
130	1.8	1.6	2.4		
166	26.1	21.0	31.6		

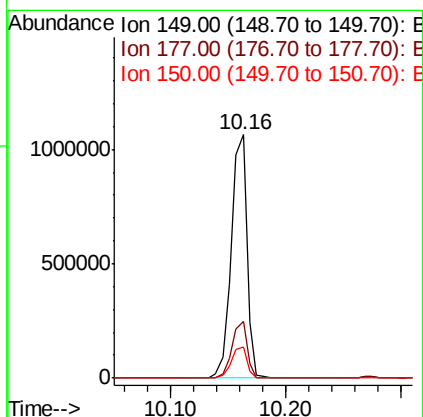
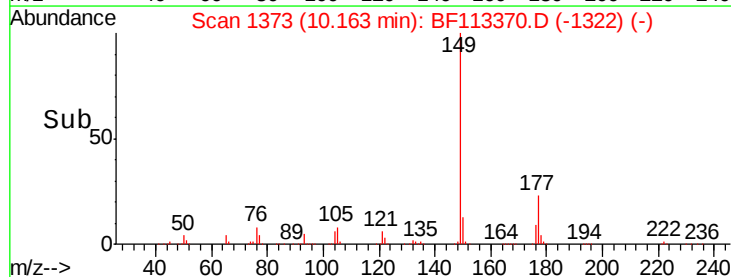
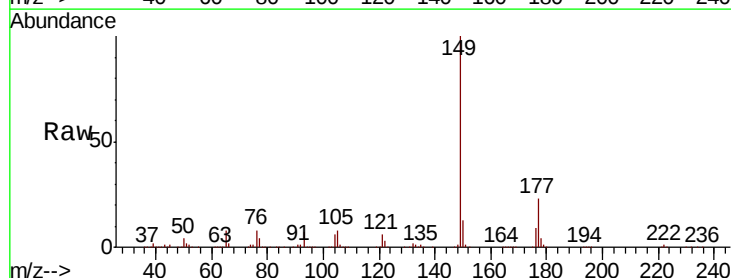
Manual Integrations
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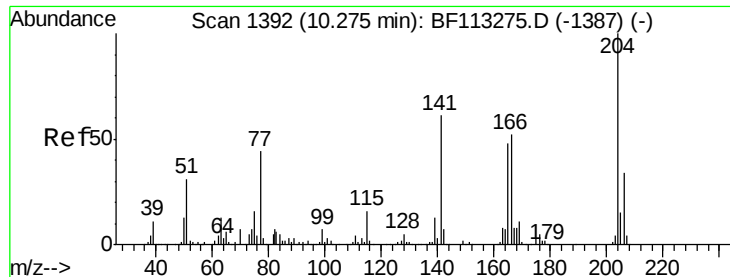
Sohil
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#60
Diethylphthalate
Concen: 36.642 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1003477		
177	23.1	17.4	26.0		
150	12.6	10.0	15.0		





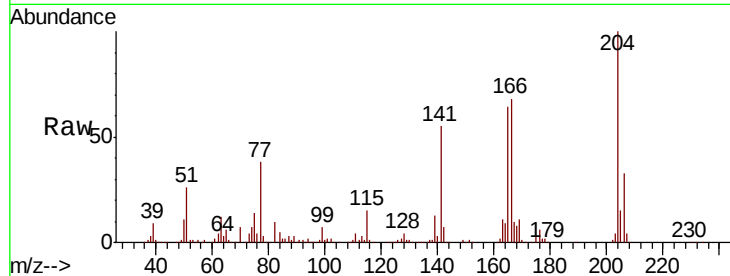
#61
4-Chlorophenyl-phenylether
Concen: 36.810 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	55.5	48.8	73.2

Manual Integrations
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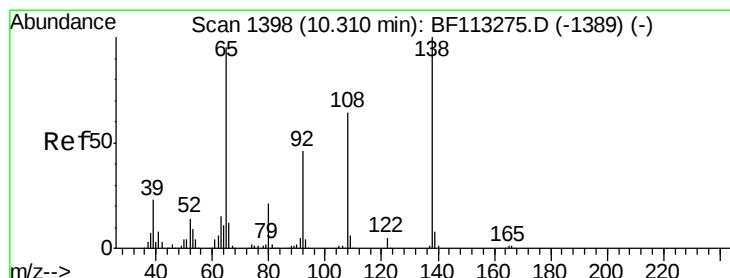
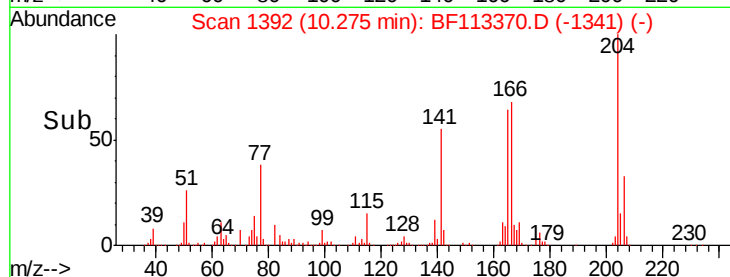
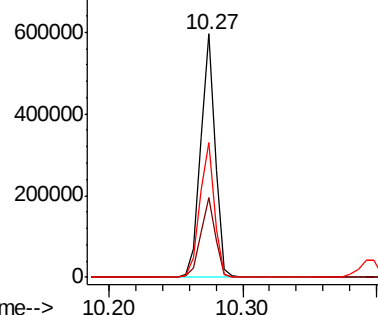


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.499 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

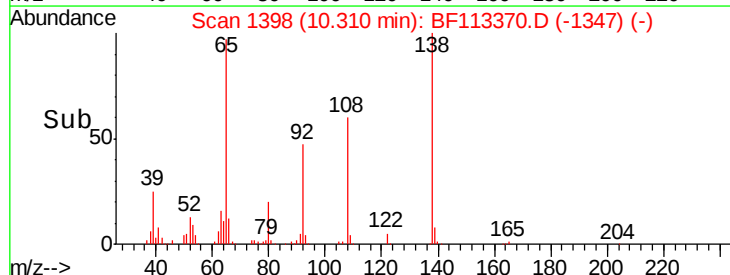
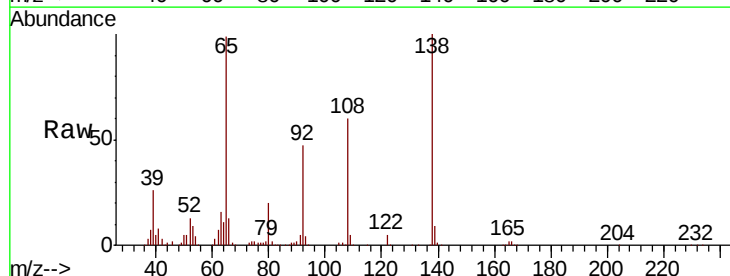
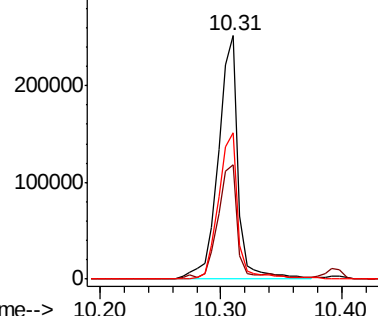
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	25.8	65.8
108	60.4	44.0	84.0

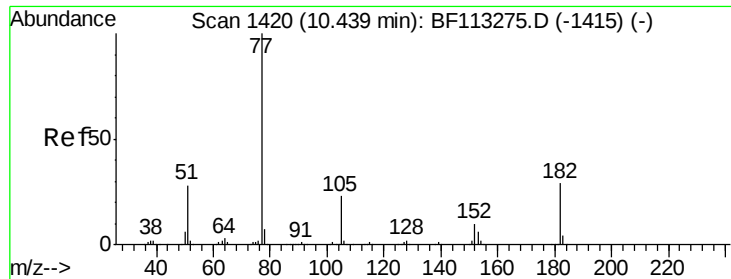
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





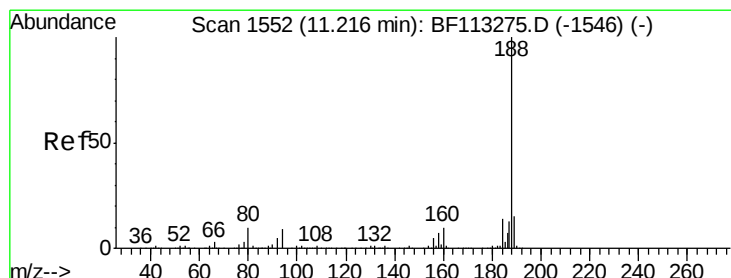
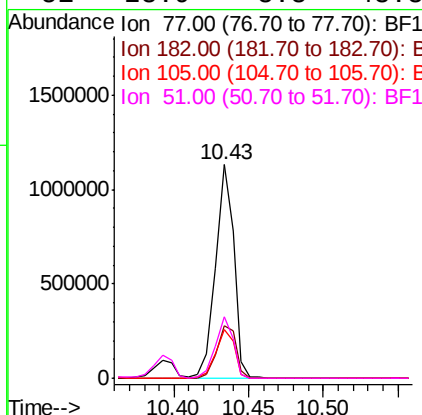
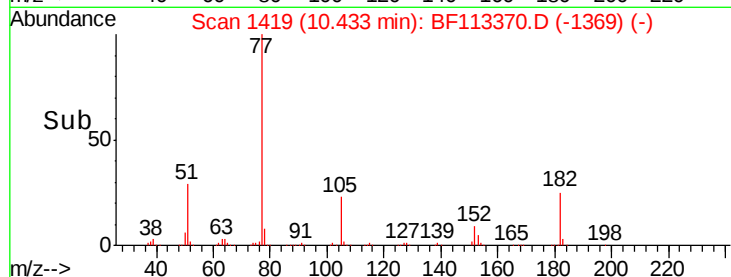
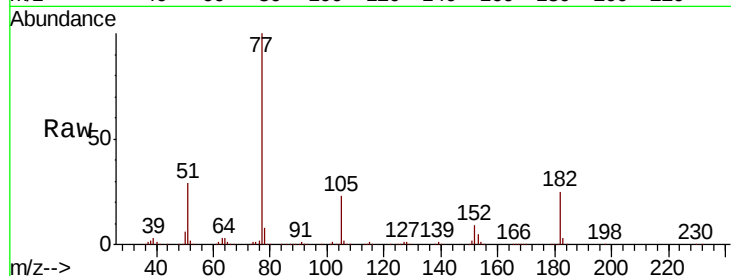
#63
Azobenzene
Concen: 37.730 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	8.7	48.7
105	22.8	2.9	42.9
51	28.9	8.8	48.8

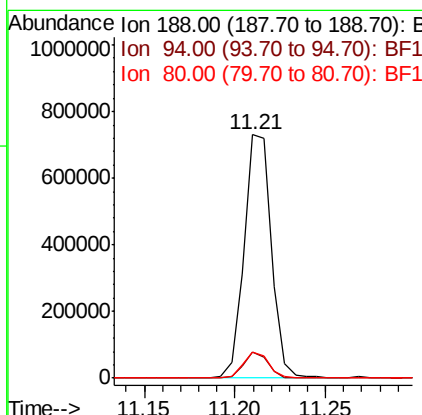
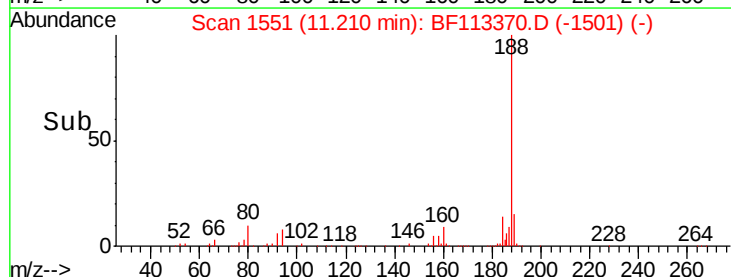
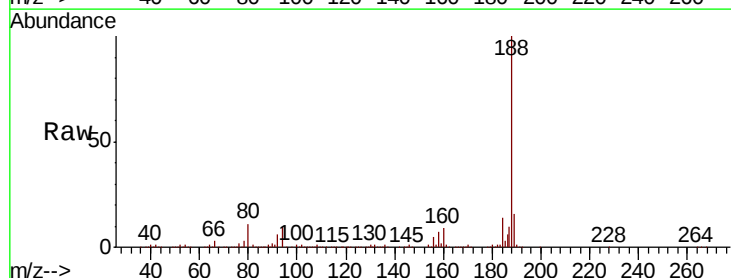
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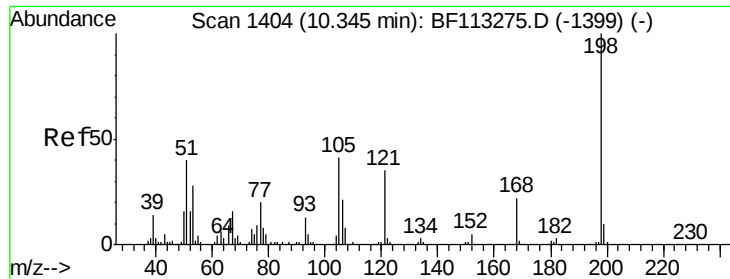
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3/29/2019 4:47:17 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.0	10.6
80	10.8	7.7	11.5





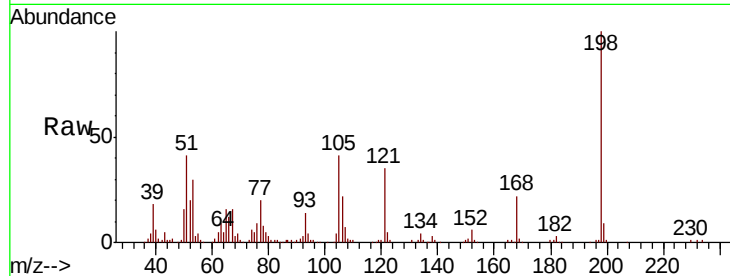
#65
4,6-Dinitro-2-methylphenol
Concen: 35.011 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.4	21.6	61.6
105	40.7	20.6	60.6

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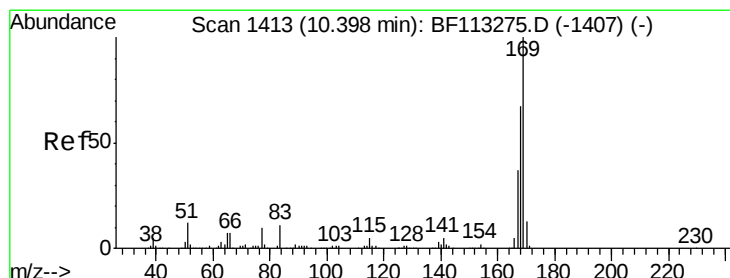
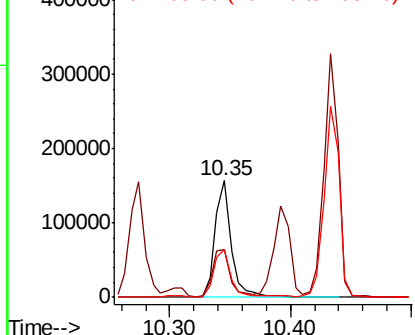
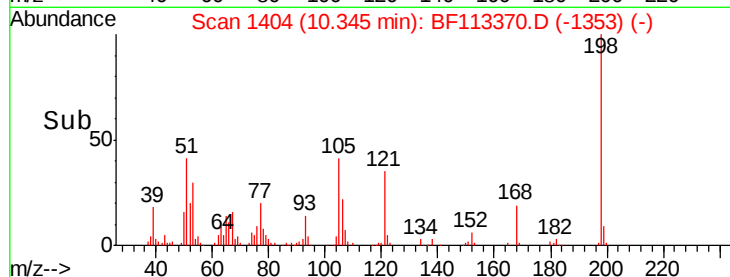


Abundance

Ion 198.00 (197.70 to 198.70): E

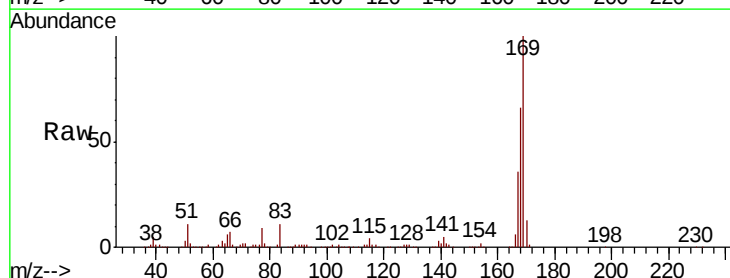
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 37.030 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.7	80.5
167	36.3	29.5	44.3

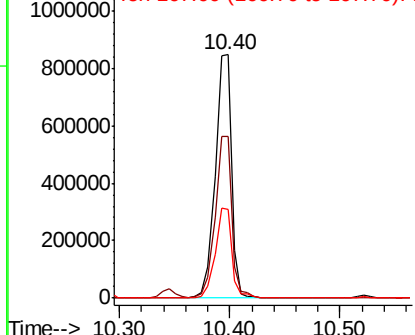
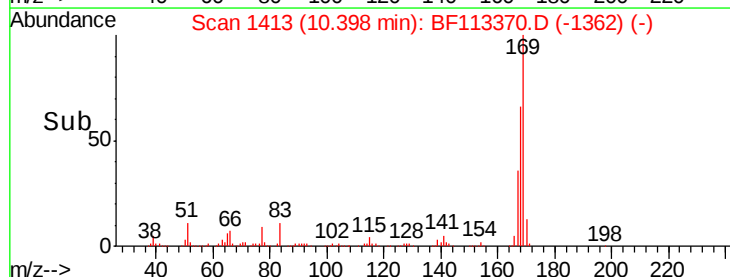


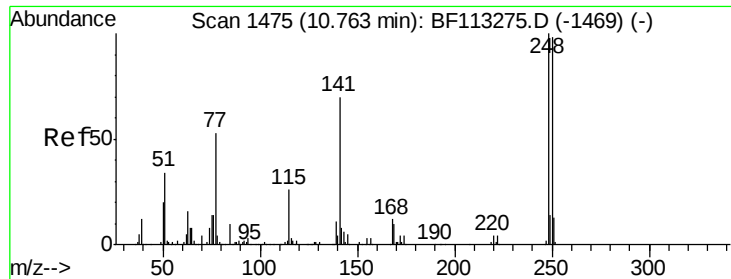
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





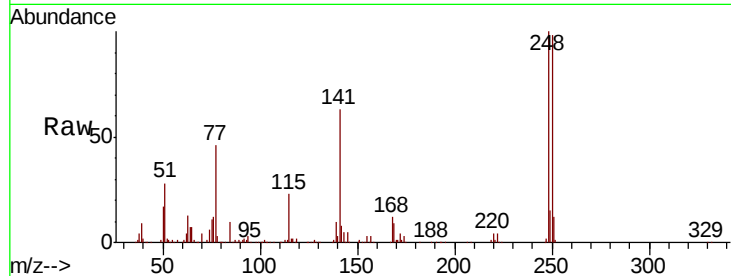
#67
4-Bromophenyl-phenylether
Concen: 37.786 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	63.0	56.2	84.4

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3/29/2019 4:47:17 PM

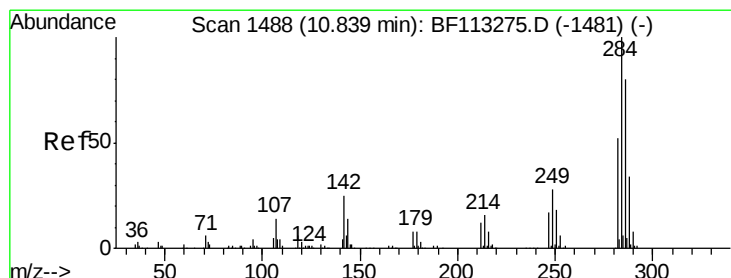
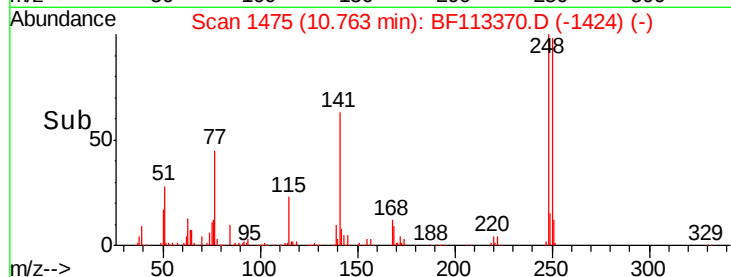
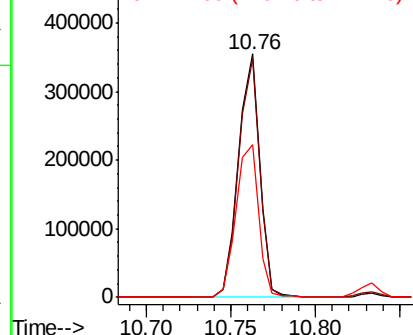


Abundance

Ion 248.00 (247.70 to 248.70): E

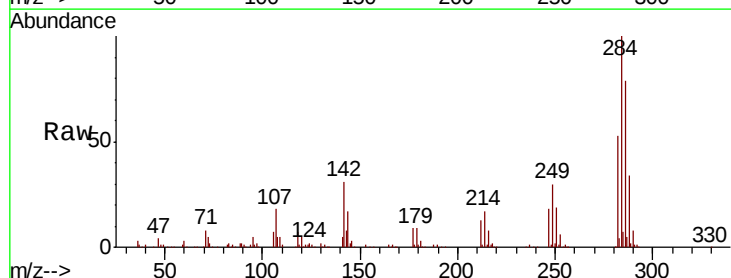
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.498 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	20.1	30.1#
249	29.8	22.7	34.1

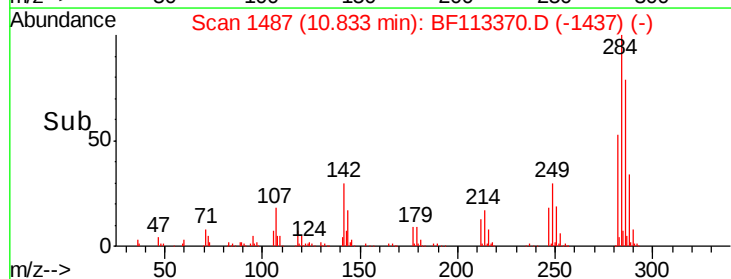
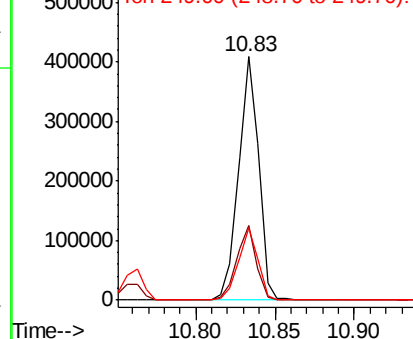


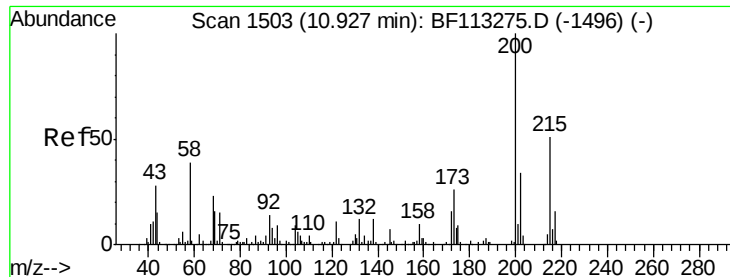
Abundance

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





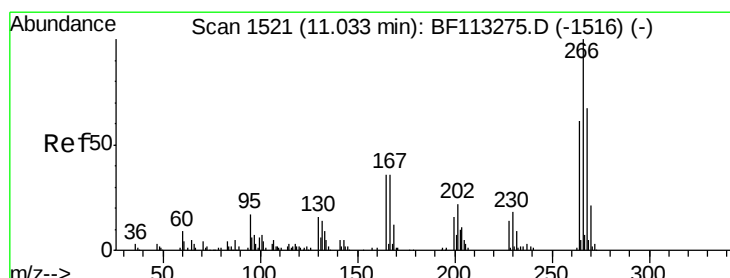
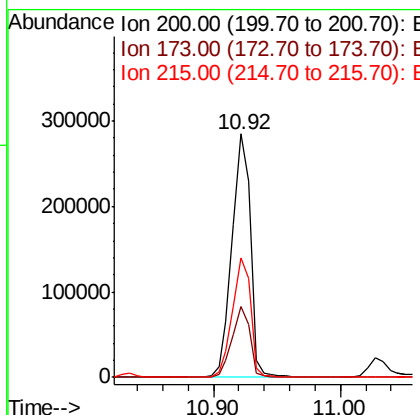
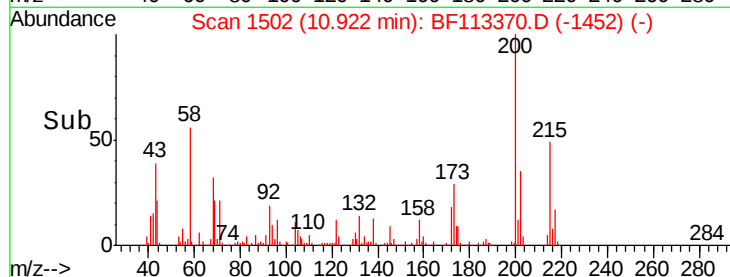
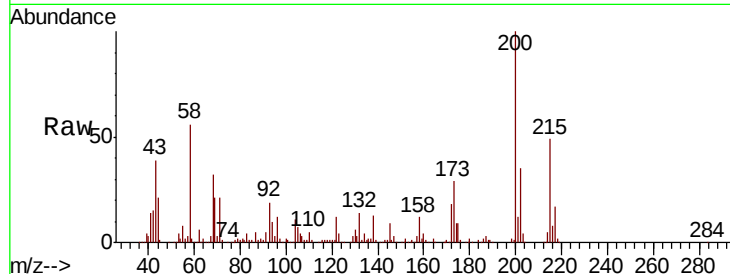
#69
Atrazine
Concen: 38.817 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	285629		
173	29.3	6.0	46.0	
215	49.3	31.3	71.3	

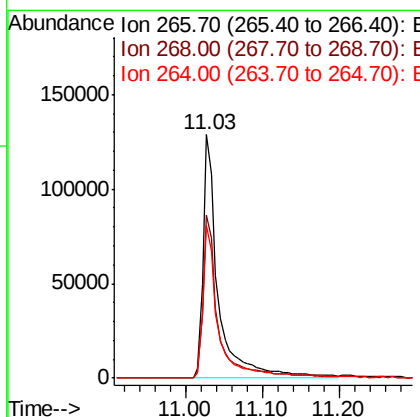
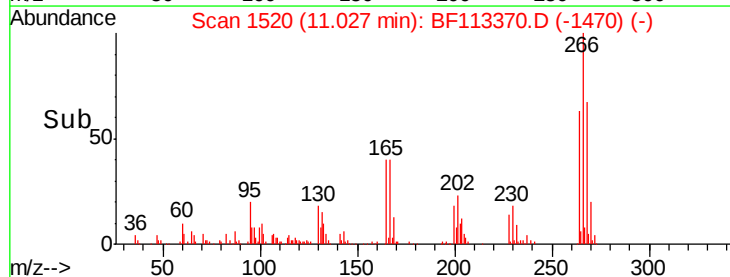
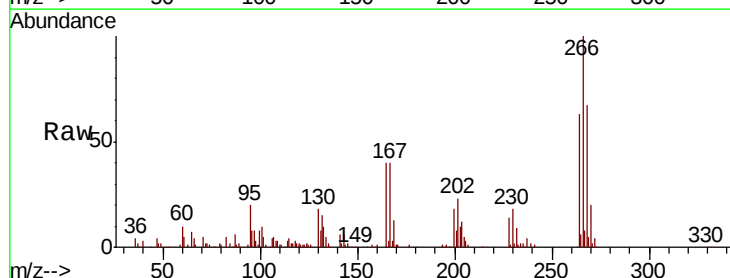
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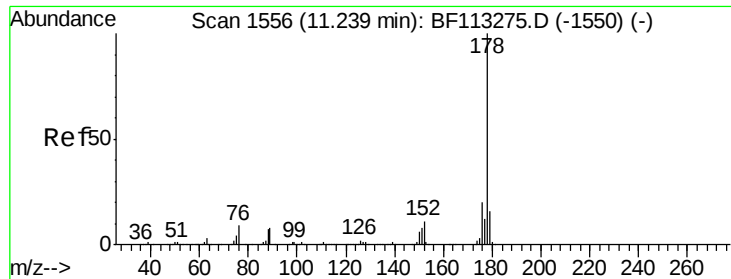
Sohil
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#70
Pentachlorophenol
Concen: 35.851 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179530		
268	66.9	53.8	80.6	
264	62.9	49.2	73.8	





#71

Phenanthrene

Concen: 36.804 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1388541

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

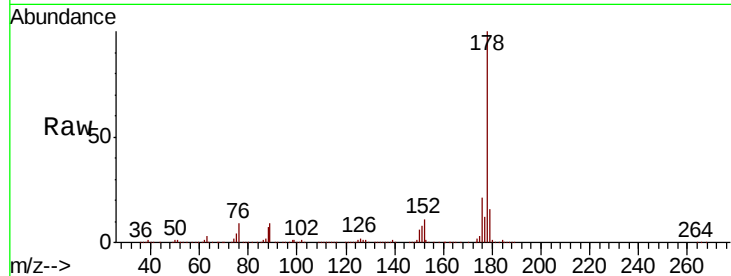
179 16.1 12.7 19.1

Manual Integrations

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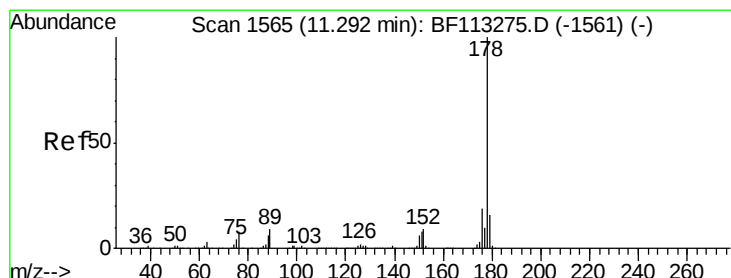
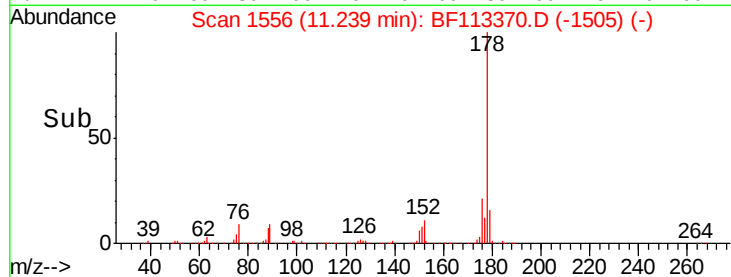
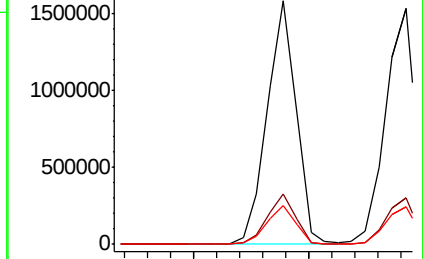
3/29/2019 4:47:17 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.704 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:178 Resp: 1444888

Ion Ratio Lower Upper

178 100

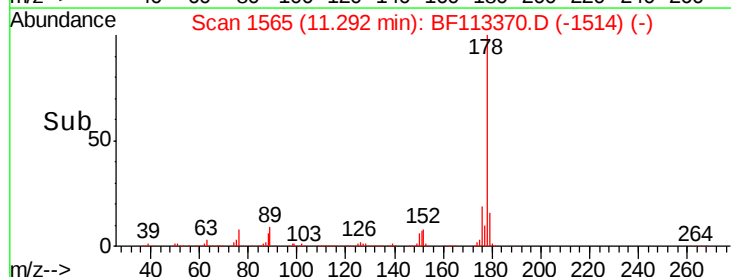
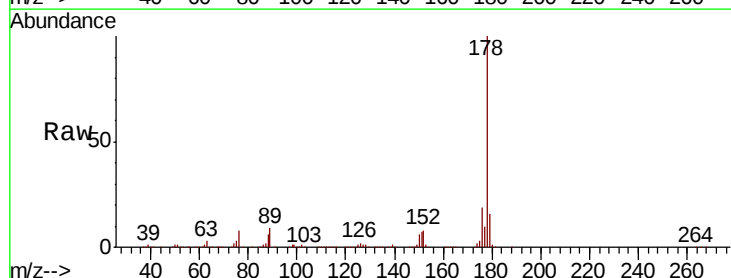
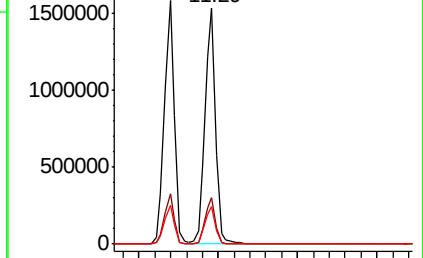
176 19.5 15.4 23.2

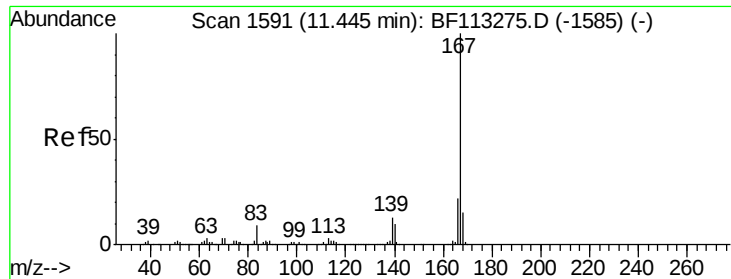
179 16.1 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.523 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1408674

Ion Ratio Lower Upper

167 100

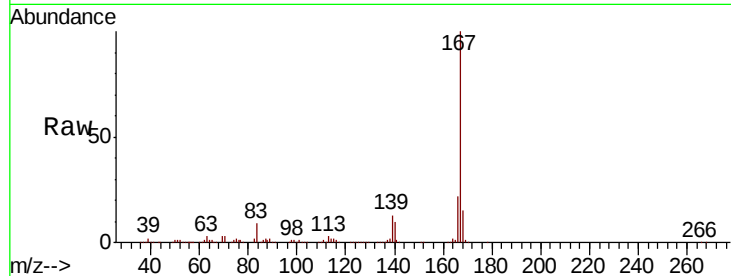
166 22.0 17.4 26.0

139 12.7 10.4 15.6

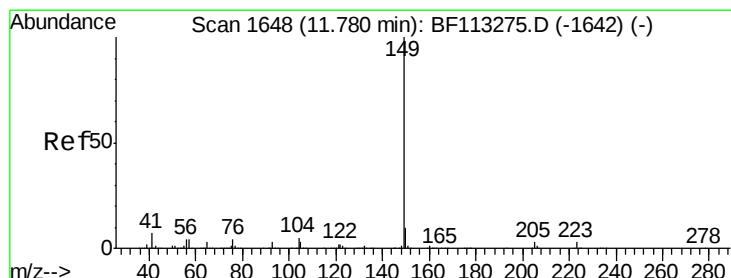
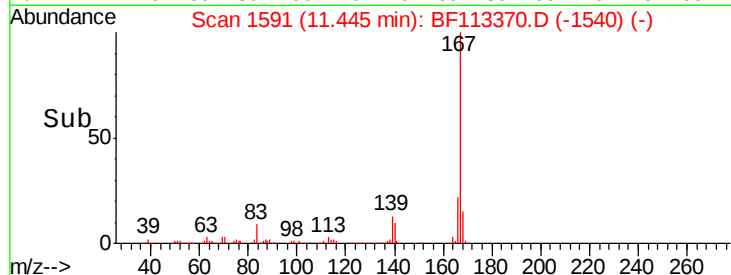
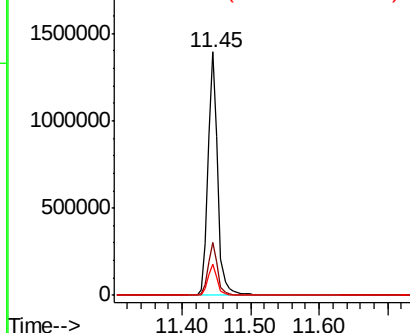
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.330 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

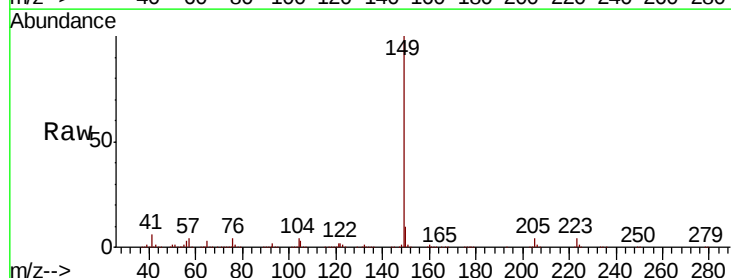
Tgt Ion:149 Resp: 1582980

Ion Ratio Lower Upper

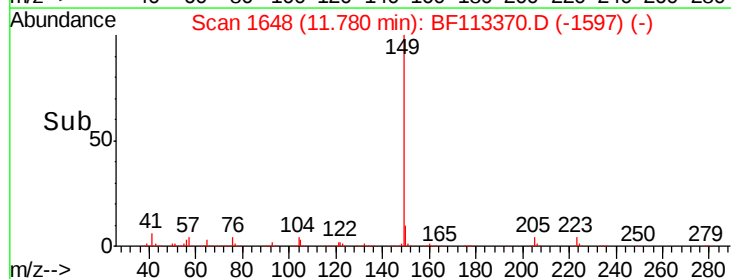
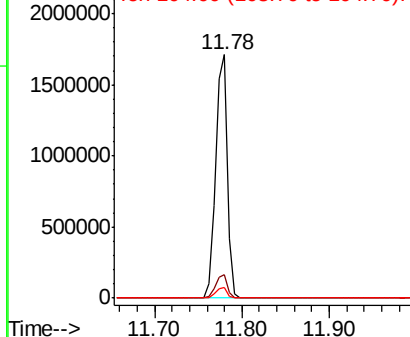
149 100

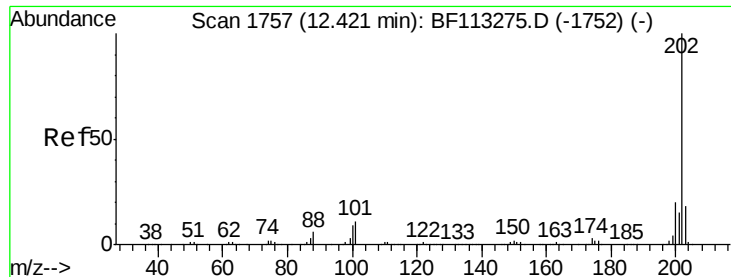
150 9.6 7.7 11.5

104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





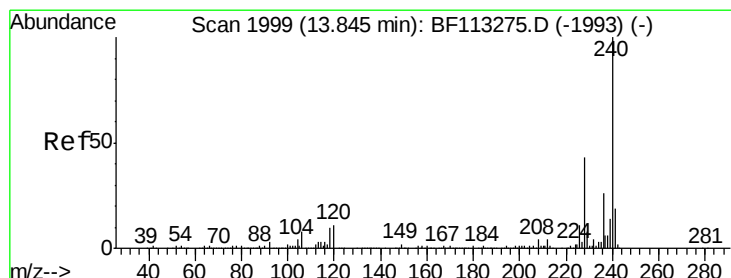
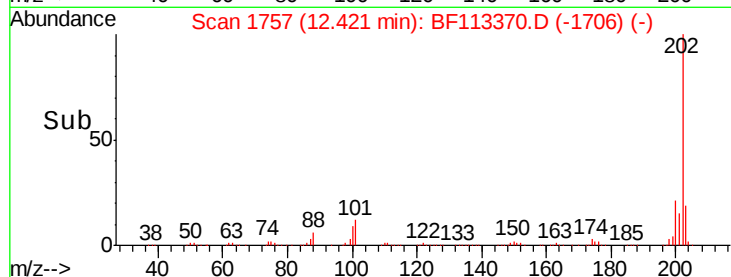
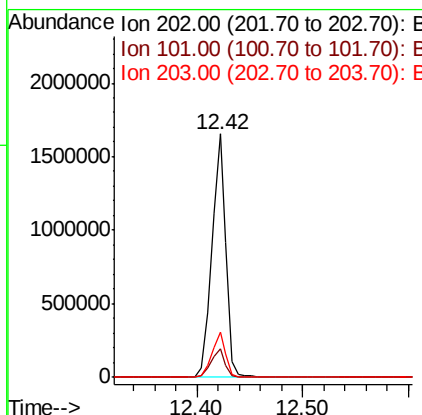
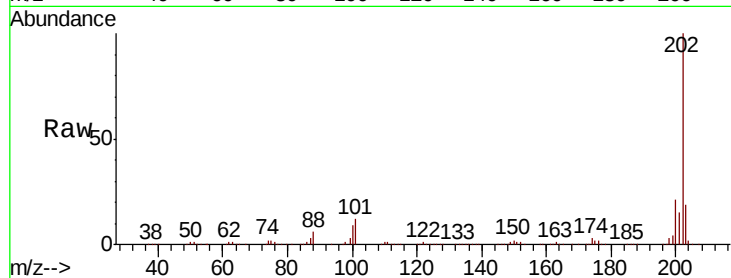
#75
 Fluoranthene
 Concen: 36.168 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.7	0.0	38.0

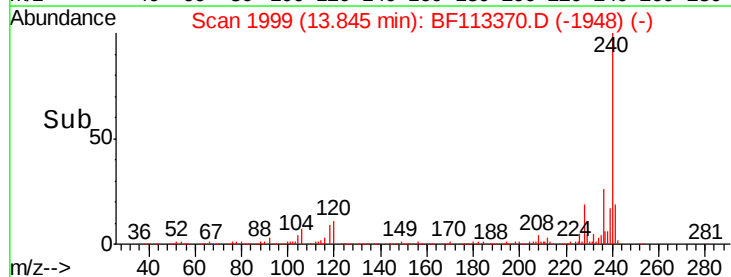
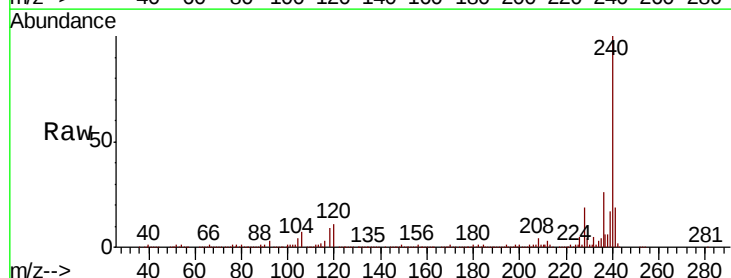
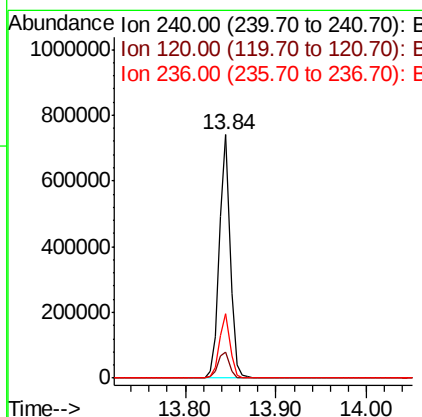
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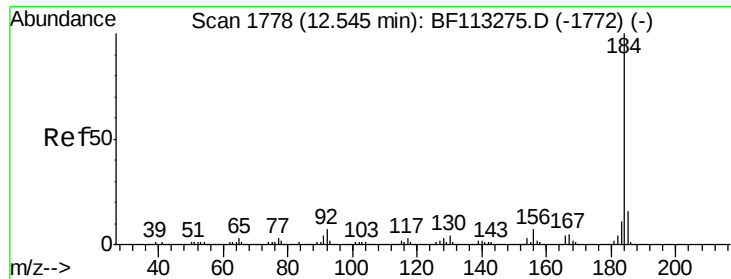
Sohil
 3/29/2019 4:47:17 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.5	20.9	31.3





#77

Benzidine

Concen: 36.250 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

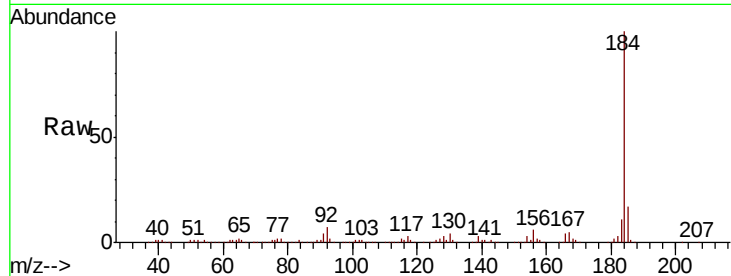
ClientSampled :

SSTDCCC040

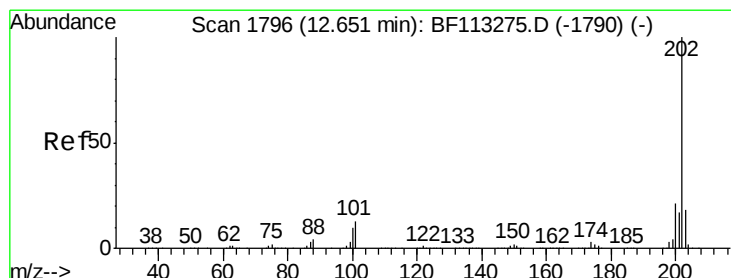
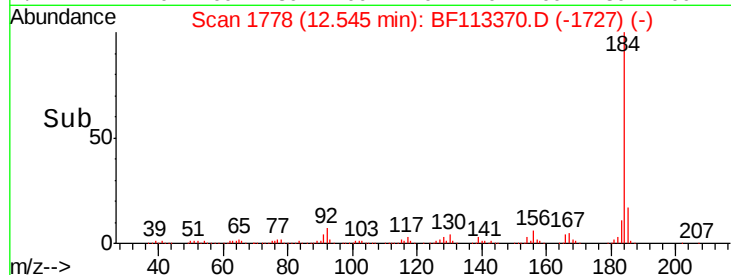
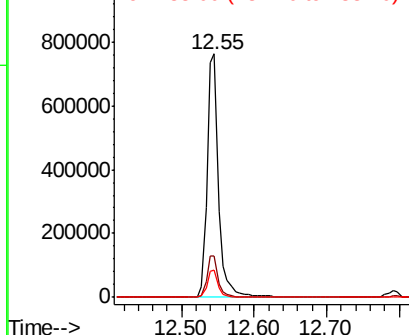
Tot Ion:	184	Resp:	836314
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.0	19.6
183	11.0	9.0	13.4

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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: 37.532 ng

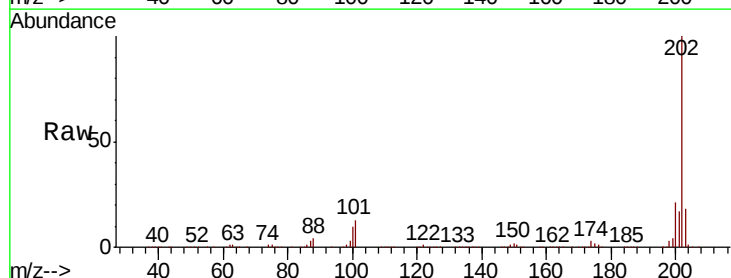
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

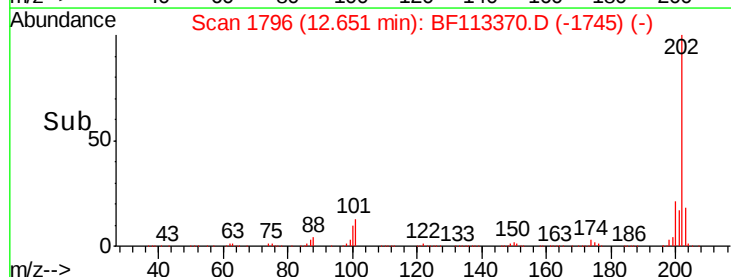
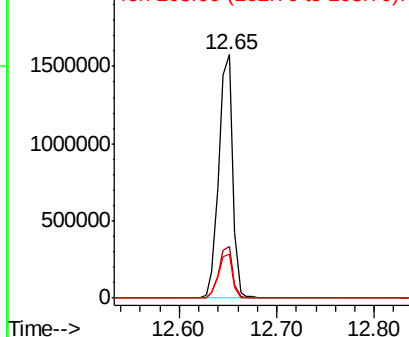
Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	202	Resp:	1566896
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	18.0	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





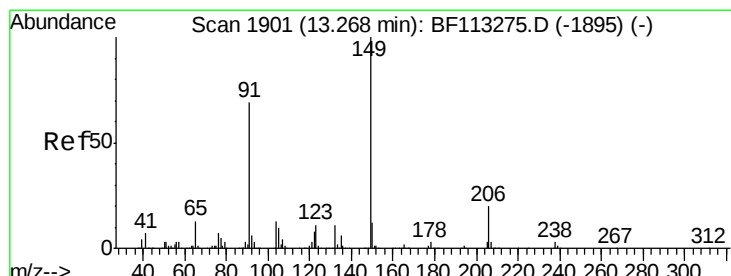
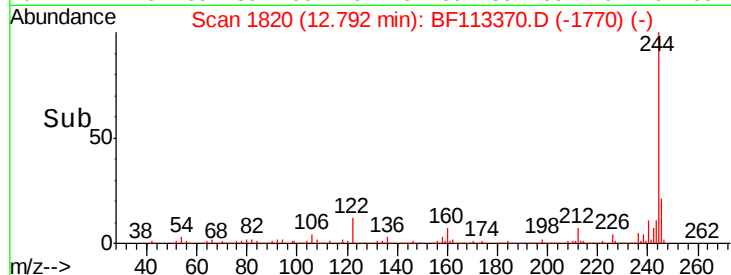
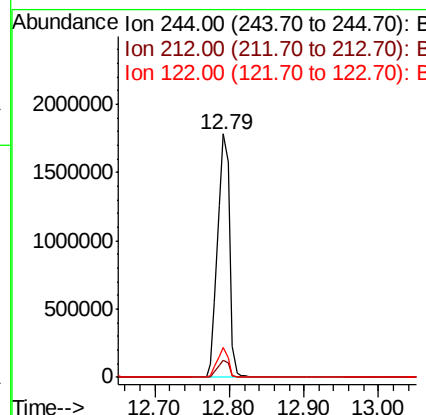
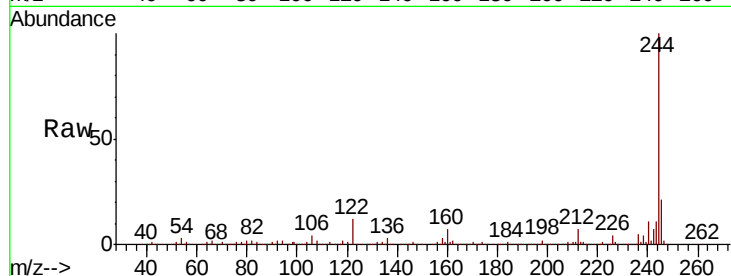
#79
 Terphenyl-d14
 Concen: 72.417 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1979337
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.0 8.6 13.0

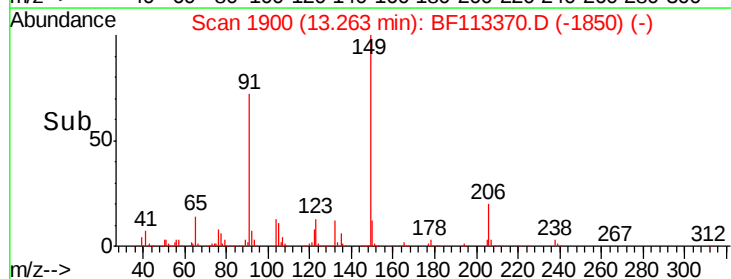
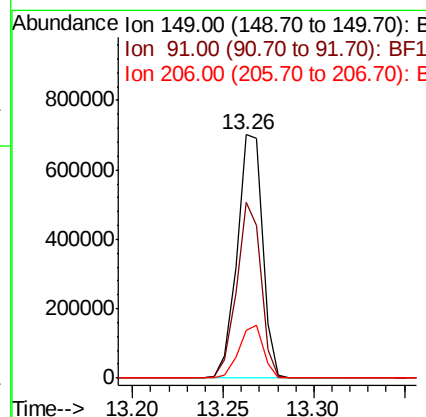
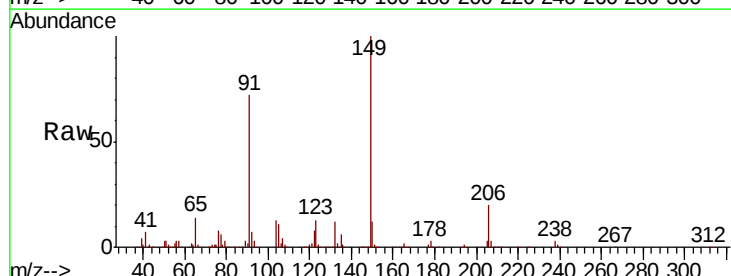
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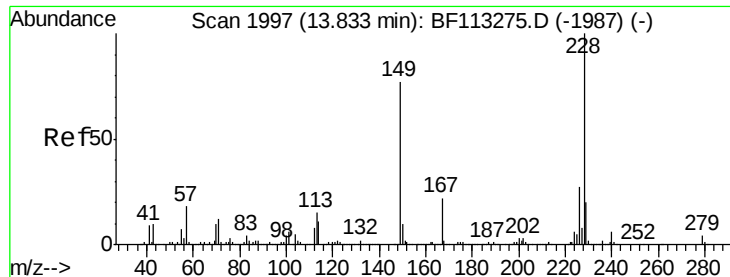
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#80
 Butylbenzylphthalate
 Concen: 37.437 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion:149 Resp: 688795
 Ion Ratio Lower Upper
 149 100
 91 72.2 55.2 82.8
 206 19.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 37.022 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1276722

Ion Ratio Lower Upper

228 100

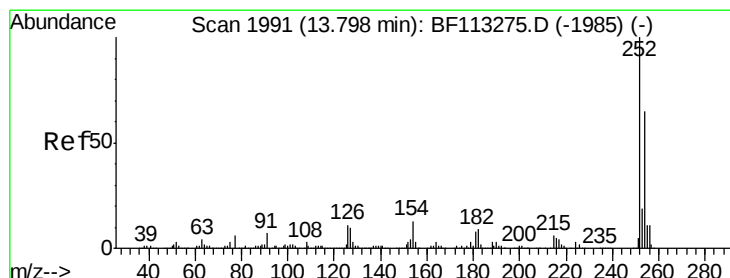
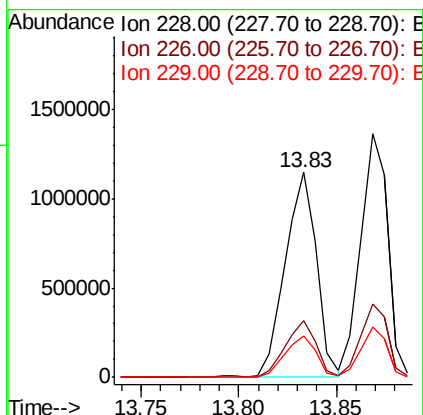
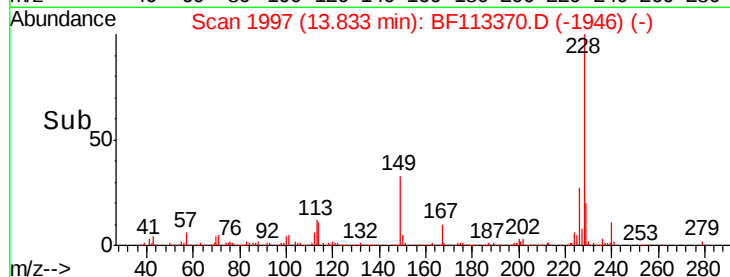
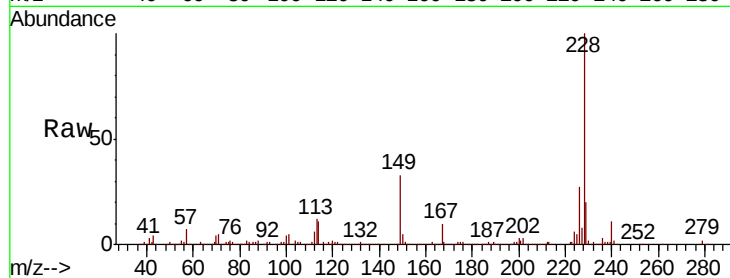
226 27.4 21.8 32.8

229 20.4 16.2 24.4

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#82

3,3'-Dichlorobenzidine

Concen: 39.671 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

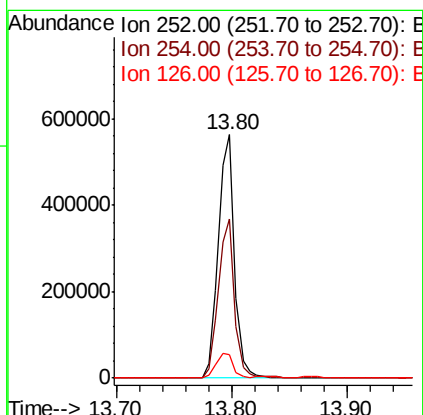
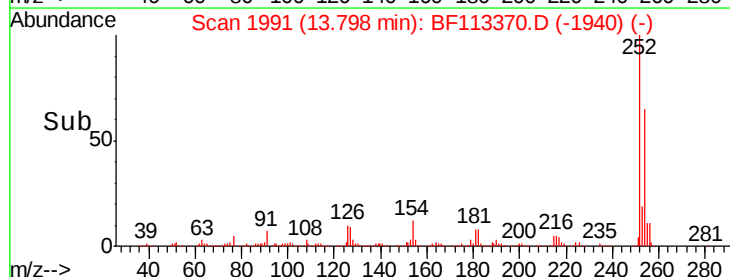
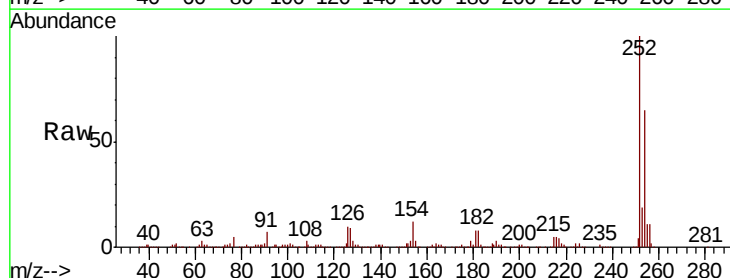
Tgt Ion:252 Resp: 548828

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

126 9.5 8.5 12.7





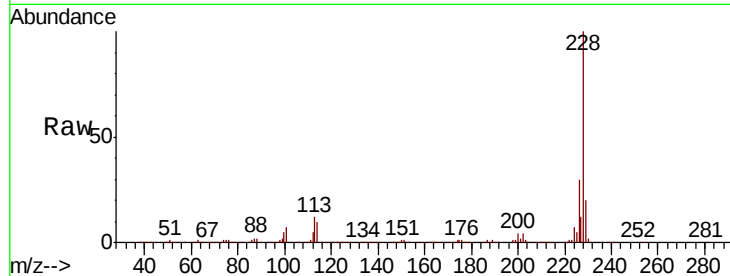
#83
Chrysene
Concen: 38.113 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

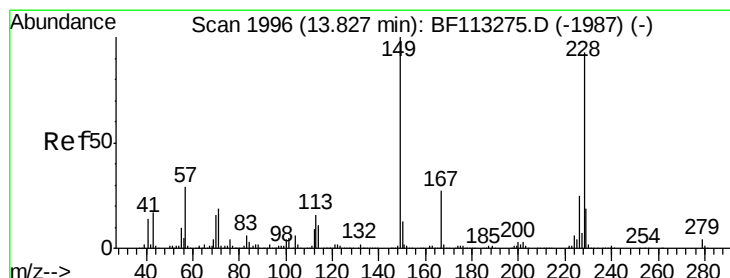
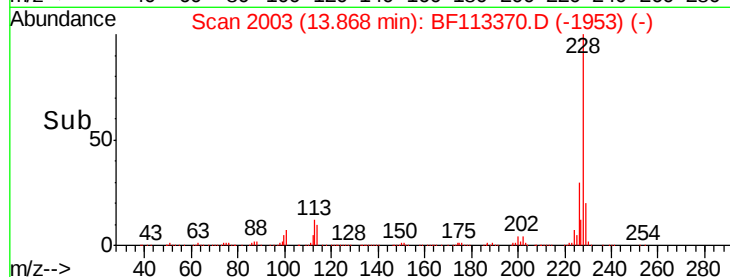
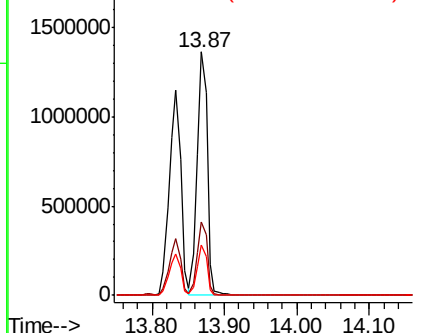
Tot Ion: 228 Resp: 1334993
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.4 16.3 24.5

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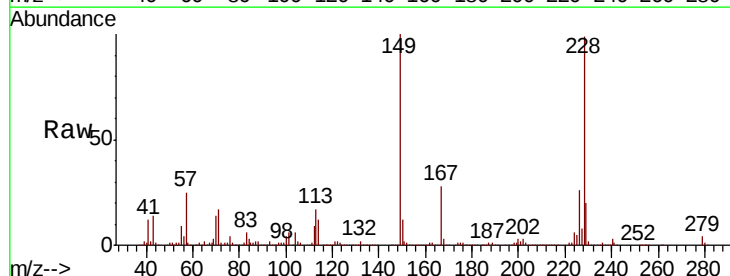


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

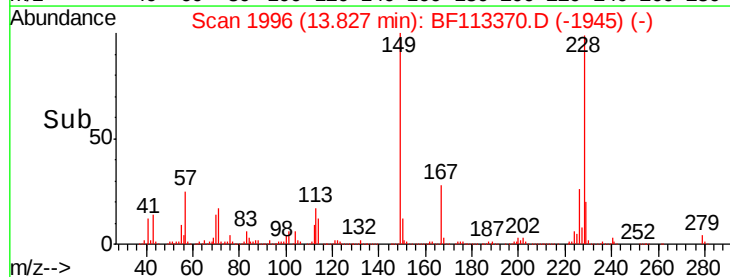
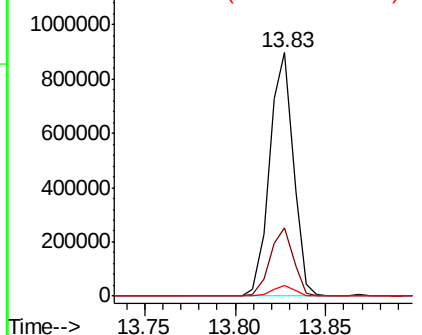


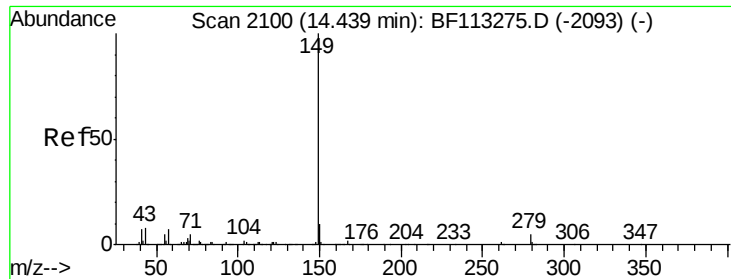
#84
Bis(2-ethylhexyl)phthalate
Concen: 36.294 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion: 149 Resp: 818601
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





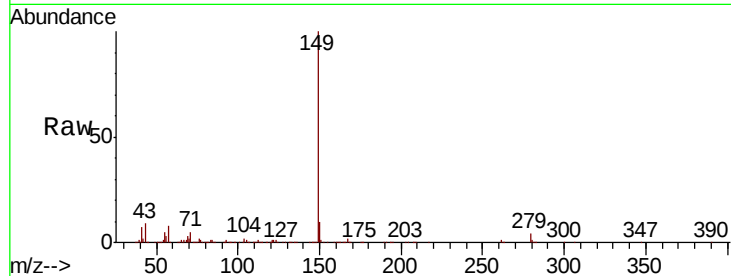
#85
Di-n-octyl phthalate
Concen: 38.842 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.7	11.5

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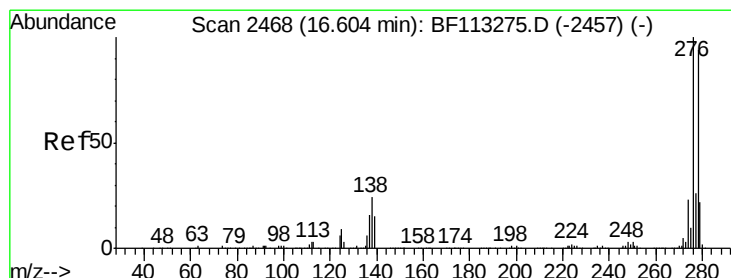
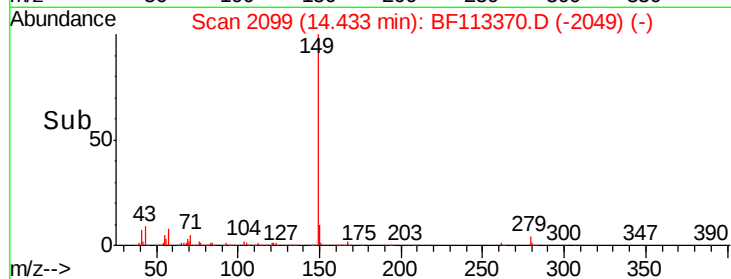
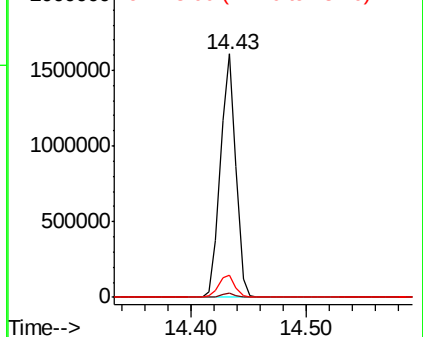


Abundance

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: 36.977 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

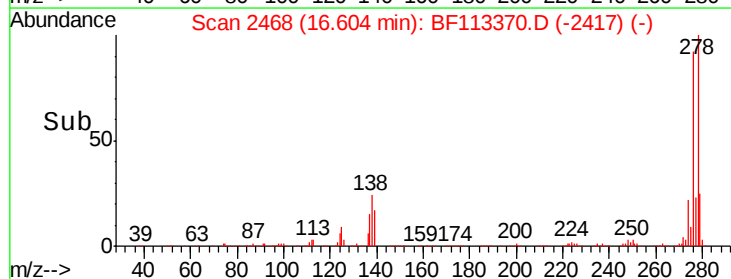
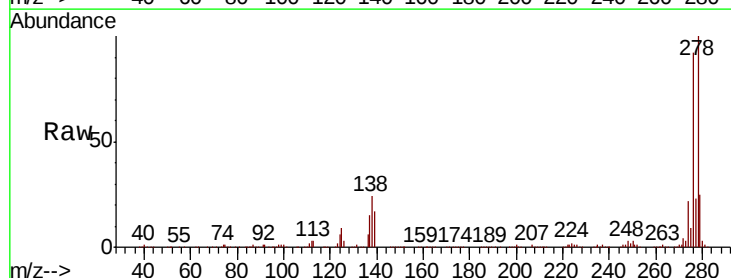
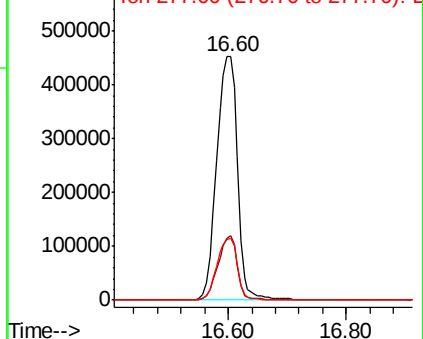
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.1	27.1
277	25.0	20.2	30.4

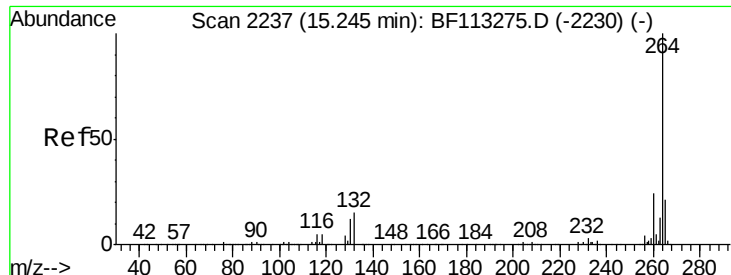
Abundance

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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

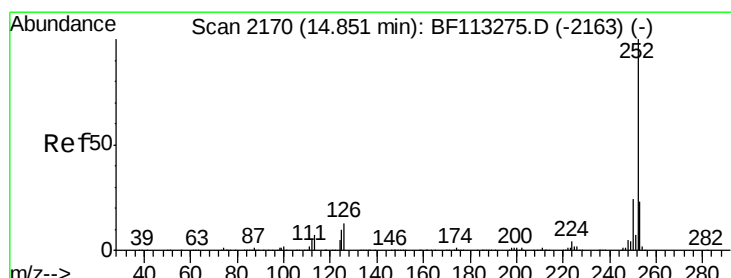
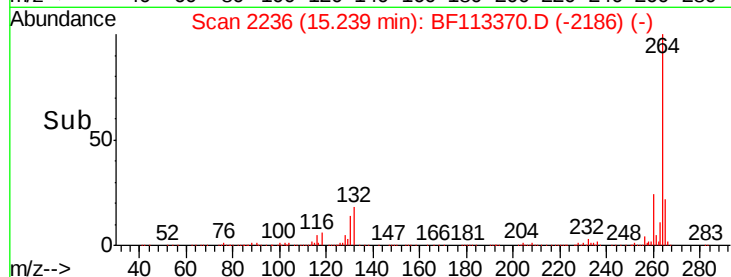
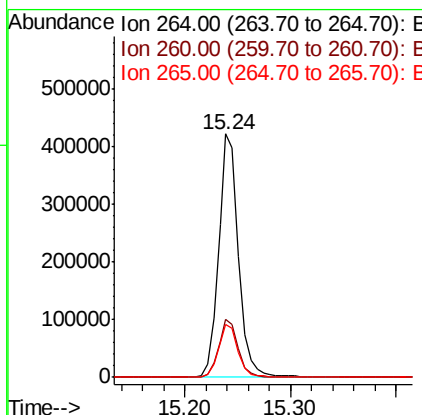
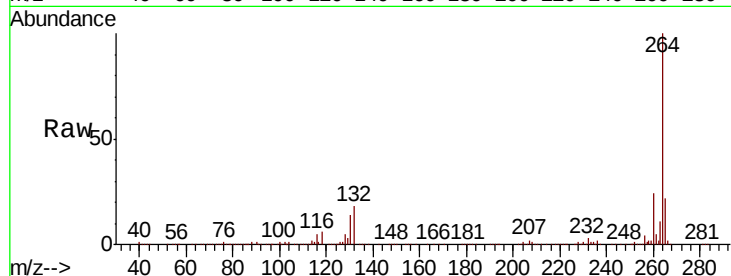
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	554480
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.1	28.7
265	21.9	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 37.966 ng

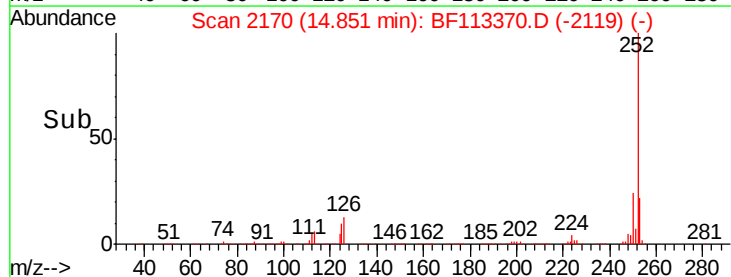
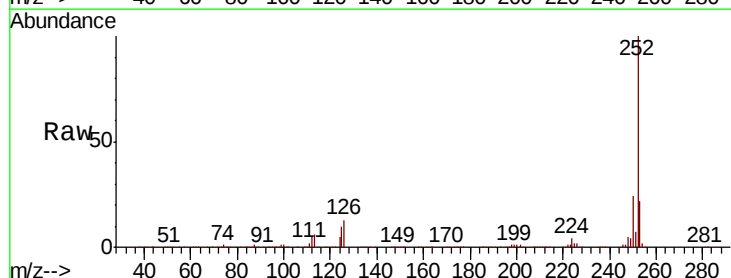
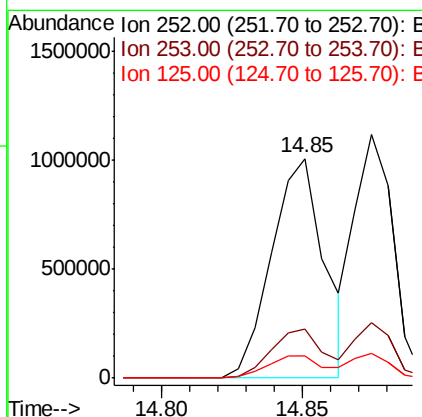
RT: 14.85 min Scan# 2170

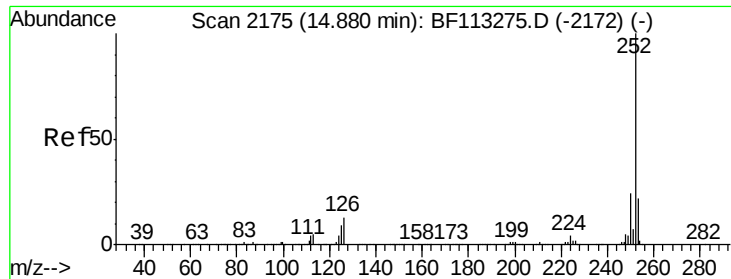
Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	252	Resp:	1307702
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	9.9	7.6	11.4





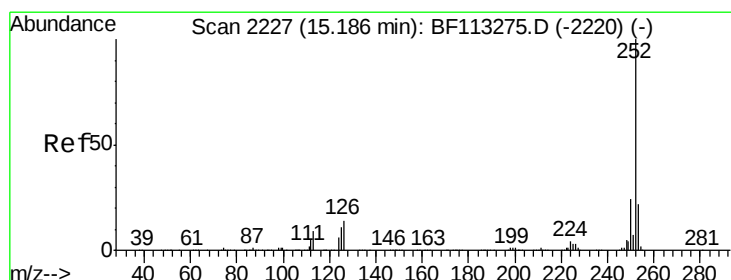
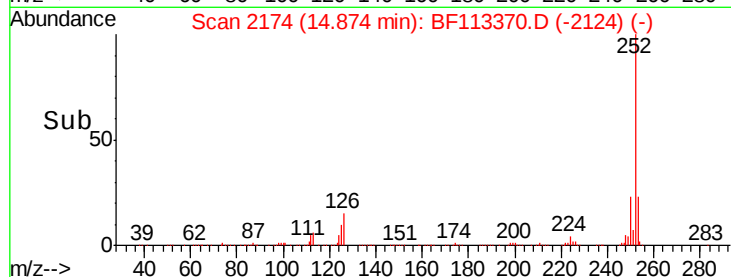
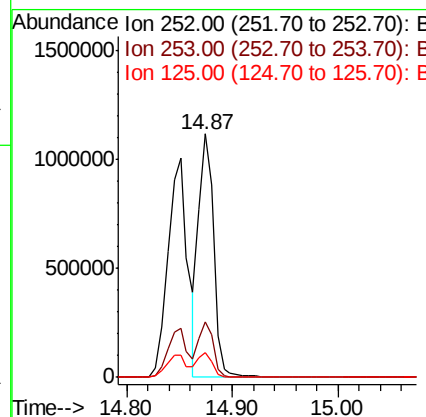
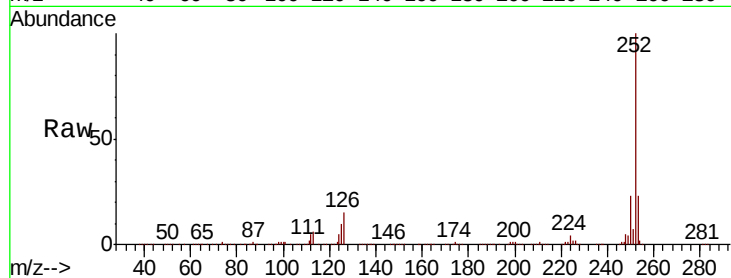
#89
Benzo(k)fluoranthene
Concen: 35.759 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.2	7.3	10.9

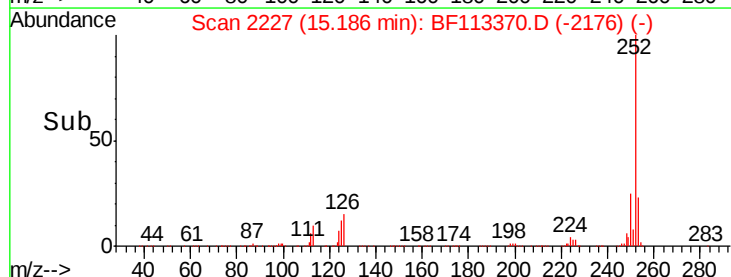
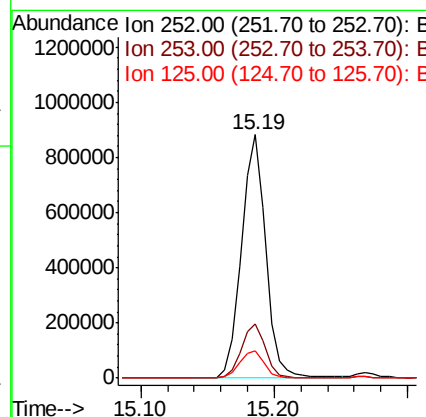
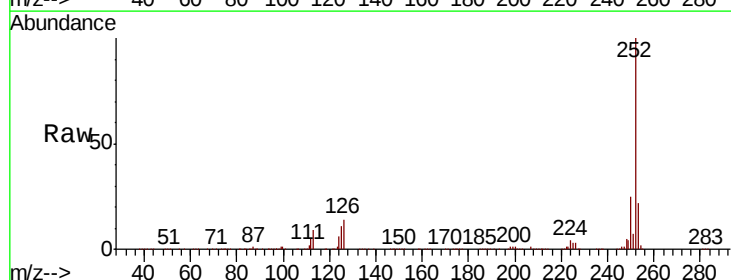
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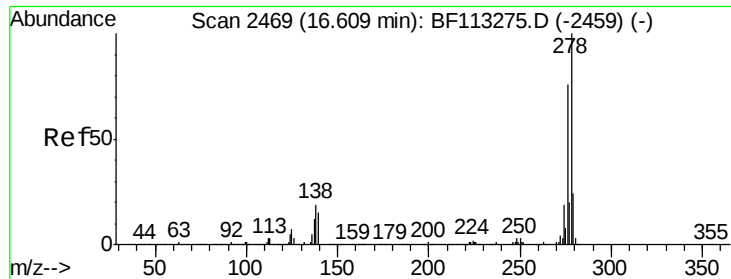
Sohil
3/29/2019 4:47:17 PM



#90
Benzo(a)pyrene
Concen: 36.280 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.1	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 34.551 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

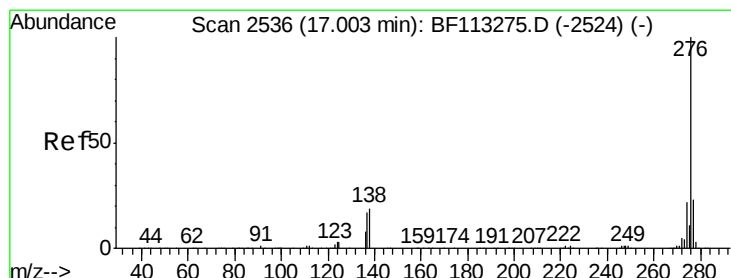
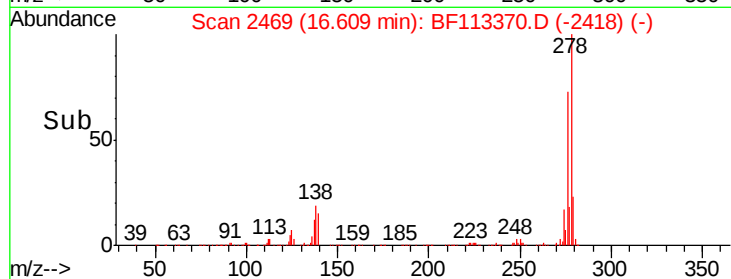
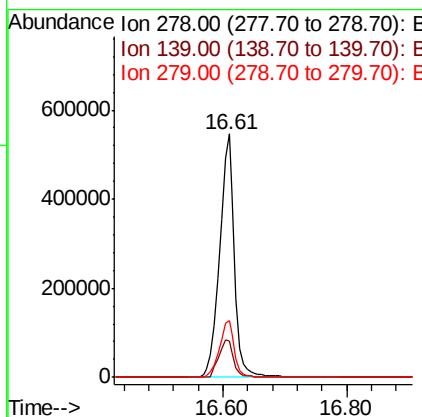
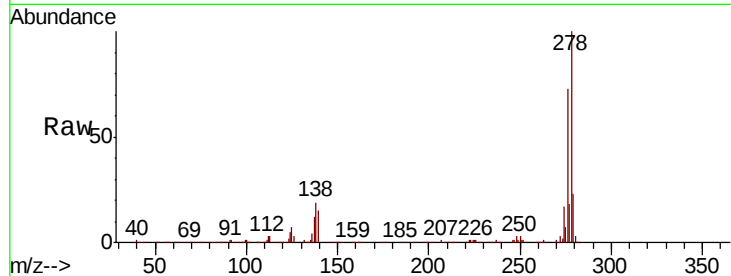
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	912270
Ion Ratio		Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/29/2019 4:47:17 PM



#92

Benzo(g,h,i)perylene

Concen: 34.245 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:	276	Resp:	911668
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.3	15.6	23.4

