

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113407.D
 Acq On : 29 Mar 2019 11:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 4/1/2019 5:46:23 PM

Quant Time: Mar 29 13:06:03 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	197252	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	788955	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	393678	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	789122	20.00	ng	0.00
76) Chrysene-d12	13.85	240	585092	20.00	ng	0.00
87) Perylene-d12	15.24	264	469804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	869360	72.07	ng	0.00
7) Phenol-d6	6.36	99	1082393	70.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	1018720	76.64	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	357229	73.46	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1846003	70.48	ng	0.00
79) Terphenyl-d14	12.80	244	2029279	76.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	207844	33.958	ng	98
3) Pyridine	3.06	79	566166	37.522	ng	97
4) n-Nitrosodimethylamine	3.01	42	228322	34.038	ng	89
6) Aniline	6.37	93	671196	36.116	ng	97
8) 2-Chlorophenol	6.49	128	510323	36.429	ng	99
9) Benzaldehyde	6.25	77	371087	36.236	ng	99
10) Phenol	6.37	94	609245	34.969	ng	98
11) bis(2-Chloroethyl)ether	6.45	93	492335	36.865	ng	99
12) 1,3-Dichlorobenzene	6.65	146	545842	36.147	ng	98
13) 1,4-Dichlorobenzene	6.72	146	550913	37.785	ng	100
14) 1,2-Dichlorobenzene	6.87	146	500551	34.896	ng	99
15) Benzyl Alcohol	6.86	79	373974	37.145	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	766949	38.228	ng	97
17) 2-Methylphenol	6.97	107	406488	37.026	ng	99
18) Hexachloroethane	7.22	117	200986	38.380	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	339522	35.419	ng	98
20) 3+4-Methylphenols	7.13	107	480695	36.746	ng	96
22) Acetophenone	7.12	105	658147	36.579	ng	98
24) Nitrobenzene	7.29	77	529035	38.140	ng	100
25) Isophorone	7.53	82	989049	38.395	ng	99
26) 2-Nitrophenol	7.60	139	291440	39.750	ng	97
27) 2,4-Dimethylphenol	7.65	122	410517	38.924	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	635289	39.162	ng	99
29) 2,4-Dichlorophenol	7.86	162	445122	38.946	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	469155	38.047	ng	98
31) Naphthalene	8.01	128	1443313	37.436	ng	100
32) Benzoic acid	7.80	122	309837m	36.496	ng	
33) 4-Chloroaniline	8.06	127	617516	41.074	ng	98
34) Hexachlorobutadiene	8.13	225	286143	39.043	ng	98
35) Caprolactam	8.45	113	148442	40.468	ng	96
36) 4-Chloro-3-methylphenol	8.56	107	452740	39.384	ng	98
37) 2-Methylnaphthalene	8.70	142	955788	39.731	ng	99
38) 1-Methylnaphthalene	8.80	142	923904	39.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	464855	36.785	ng	99

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 BNA_F
 ClientSampleID :
 SSTDC040

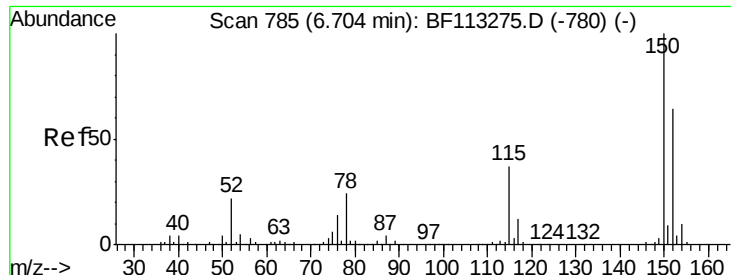
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	219427	41.023	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	300917	36.567	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	333701	36.642	ng	99
46) 1,1'-Biphenyl	9.16	154	1190150	36.197	ng	99
47) 2-Chloronaphthalene	9.19	162	917802	36.254	ng	99
48) 2-Nitroaniline	9.29	65	291570	36.701	ng	98
49) Acenaphthylene	9.60	152	1499567	36.634	ng	99
50) Dimethylphthalate	9.47	163	1102822	37.801	ng	100
51) 2,6-Dinitrotoluene	9.53	165	249863	37.963	ng #	84
52) Acenaphthene	9.77	154	837626	36.337	ng	99
53) 3-Nitroaniline	9.70	138	262840	35.412	ng	92
54) 2,4-Dinitrophenol	9.81	184	135875	41.507	ng	96
55) Dibenzofuran	9.95	168	1253080	36.159	ng	99
56) 4-Nitrophenol	9.87	139	172139	32.530	ng	94
57) 2,4-Dinitrotoluene	9.93	165	306061	36.567	ng	95
58) Fluorene	10.29	166	966838	35.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	297807	38.669	ng	97
60) Diethylphthalate	10.16	149	1061682	37.096	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	489649	37.318	ng	97
62) 4-Nitroaniline	10.31	138	290510	38.015	ng	98
63) Azobenzene	10.43	77	1021519	37.917	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	148869	34.486	ng	95
66) n-Nitrosodiphenylamine	10.40	169	883085	36.469	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	330512	38.428	ng	97
68) Hexachlorobenzene	10.84	284	379262	37.990	ng	99
69) Atrazine	10.93	200	297869	38.973	ng	97
70) Pentachlorophenol	11.03	266	195731	37.631	ng	99
71) Phenanthrene	11.24	178	1433200	36.572	ng	100
72) Anthracene	11.29	178	1468867	36.902	ng	99
73) Carbazole	11.45	167	1428600	37.612	ng	99
74) Di-n-butylphthalate	11.78	149	1698829	38.570	ng	100
75) Fluoranthene	12.43	202	1573620	35.521	ng	99
77) Benzidine	12.55	184	525898	23.471	ng	99
78) Pyrene	12.65	202	1585911	39.115	ng	99
80) Butylbenzylphthalate	13.27	149	707746	39.608	ng	98
81) Benzo(a)anthracene	13.84	228	1216682	36.328	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	531586	39.565	ng	99
83) Chrysene	13.87	228	1280363	37.637	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	866970	39.579	ng	98
85) Di-n-octyl phthalate	14.43	149	1466989	39.454	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	1004171	34.395	ng	98
88) Benzo(b)fluoranthene	14.85	252	1076559	36.889	ng	99
89) Benzo(k)fluoranthene	14.88	252	1012167	39.493	ng	99
90) Benzo(a)pyrene	15.19	252	948919	36.676	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	835672	37.355	ng	100
92) Benzo(g,h,i)perylene	17.01	276	836101	37.067	ng	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: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

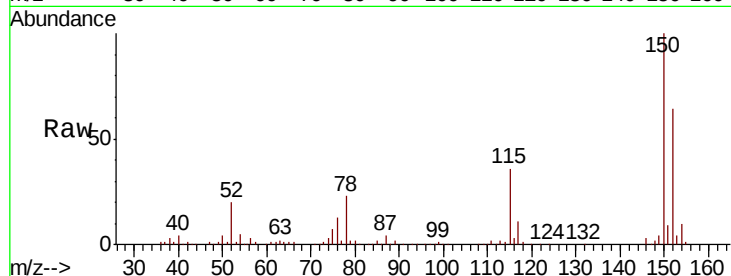
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.7	187.1
115	56.5	46.0	69.0

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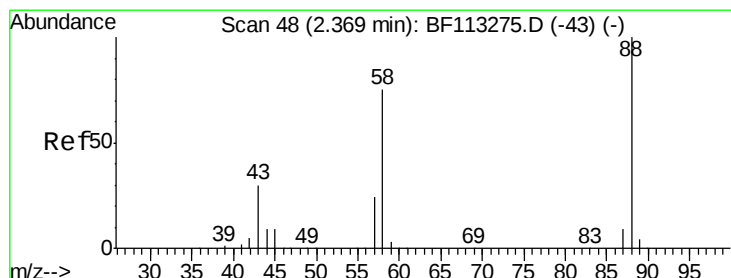
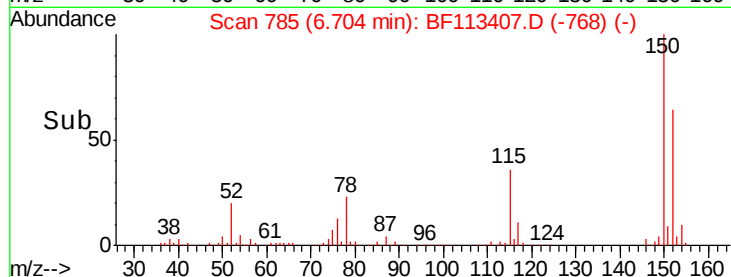
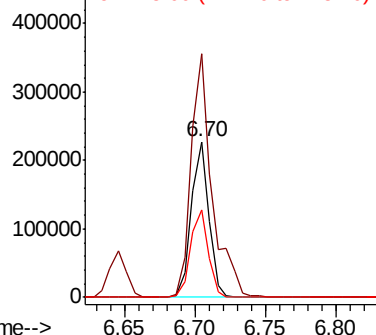


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.958 ng

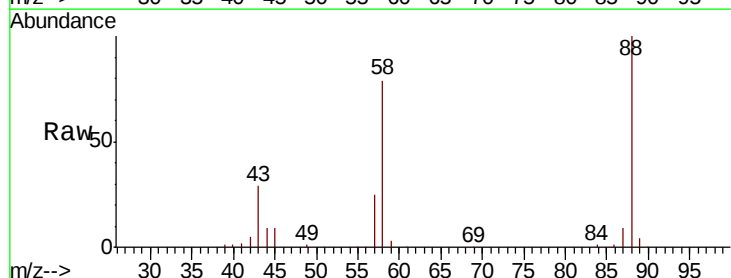
RT: 2.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.9	92.9
43	29.0	24.2	36.4

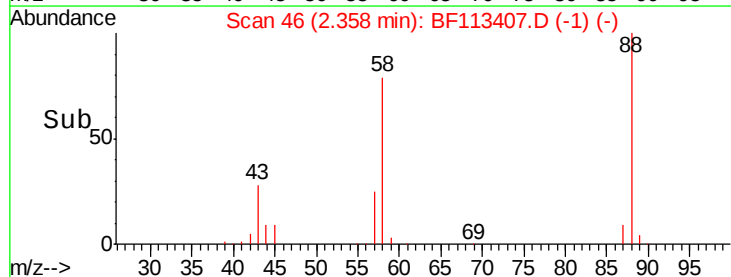
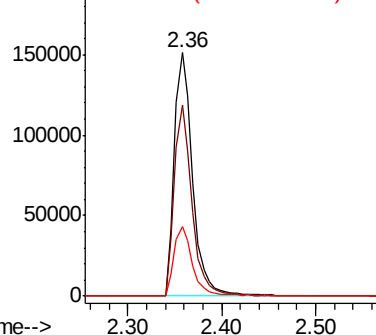


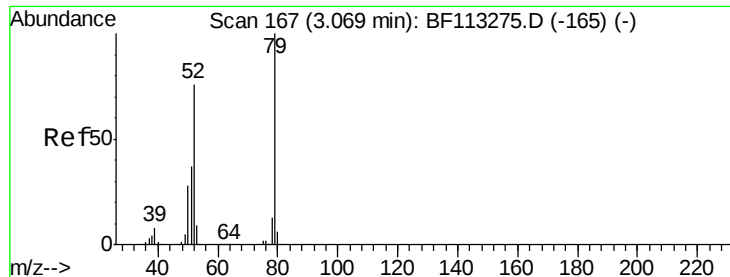
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 37.522 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

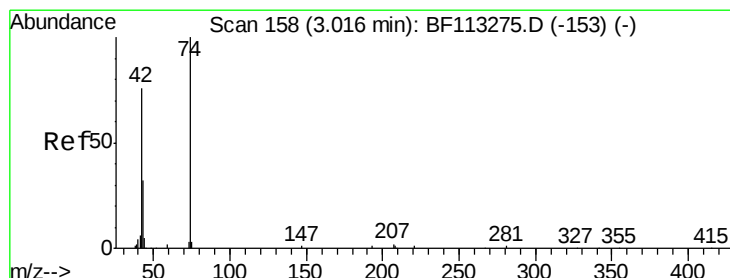
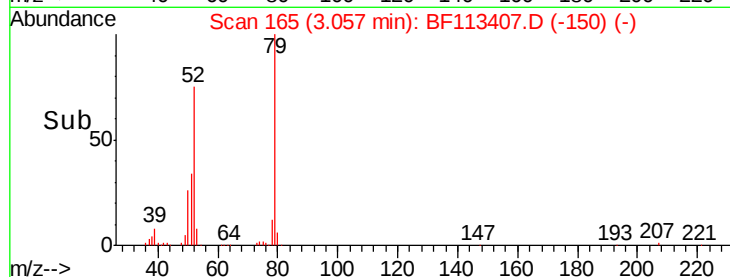
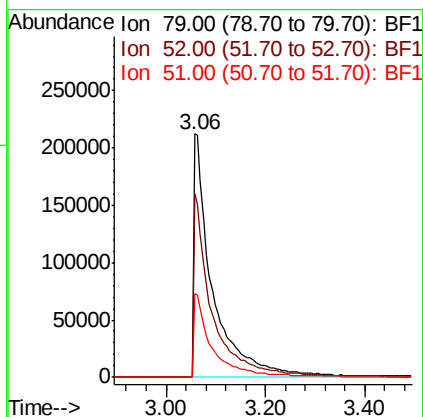
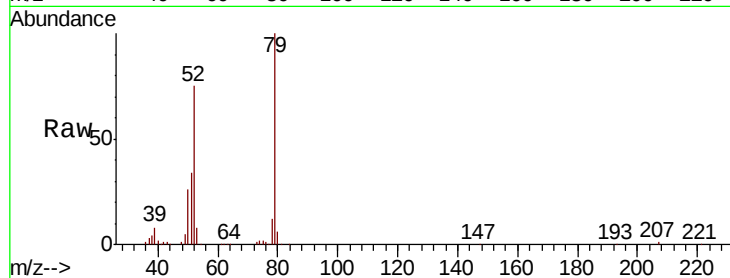
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	566166
Ion	Ratio	Lower	Upper
79	100		
52	75.4	61.0	91.4
51	34.5	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 34.038 ng

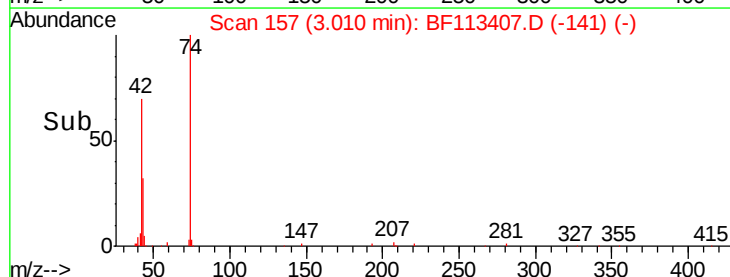
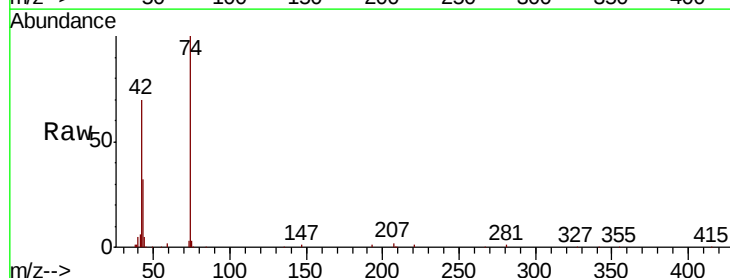
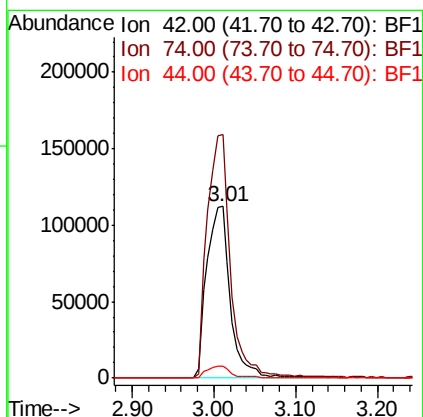
RT: 3.01 min Scan# 157

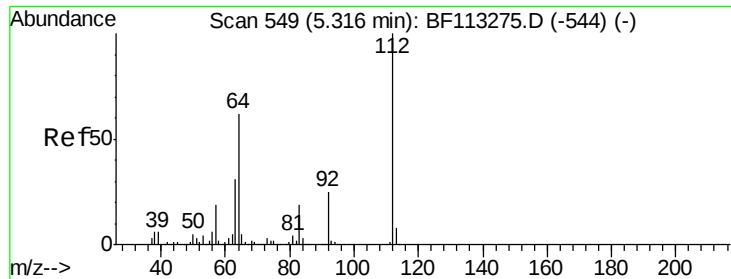
Delta R.T. -0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	42	Resp:	228322
Ion	Ratio	Lower	Upper
42	100		
74	141.9	102.4	153.6
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 72.066 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

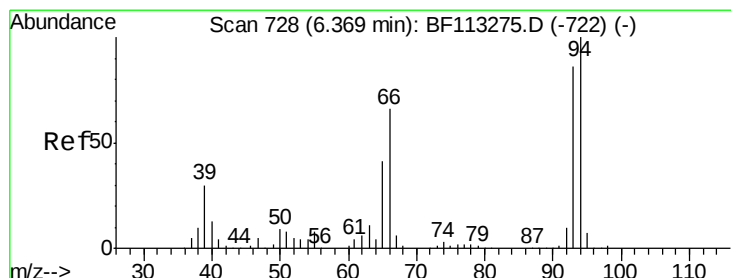
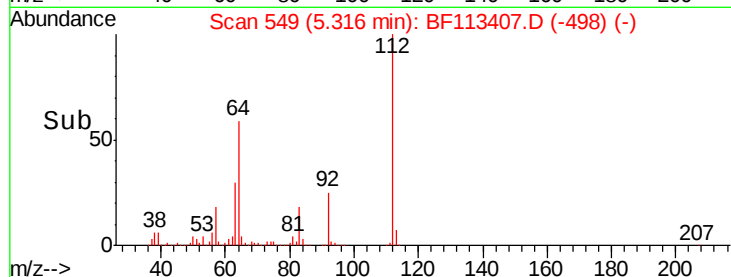
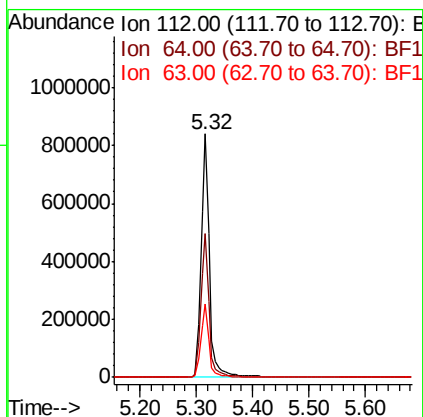
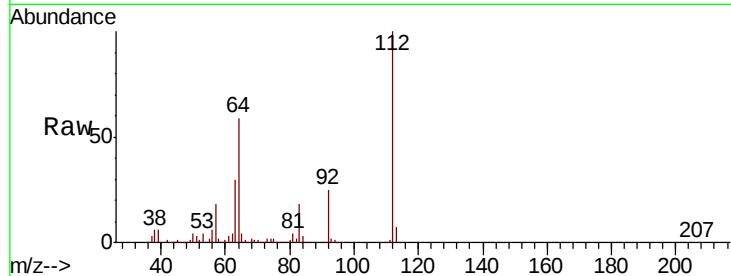
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	869360
Ion Ratio	Lower	Upper	
112	100		
64	59.3	49.2	73.8
63	29.9	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 36.116 ng

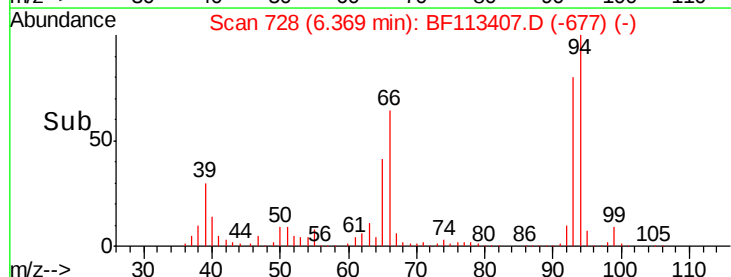
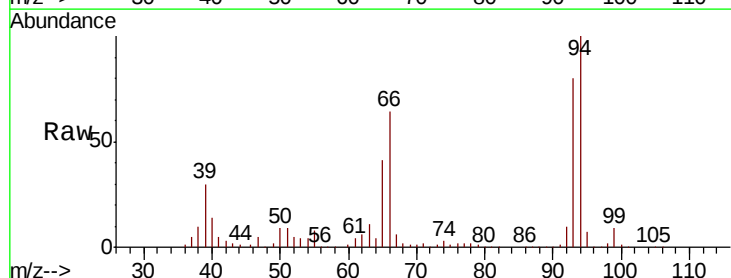
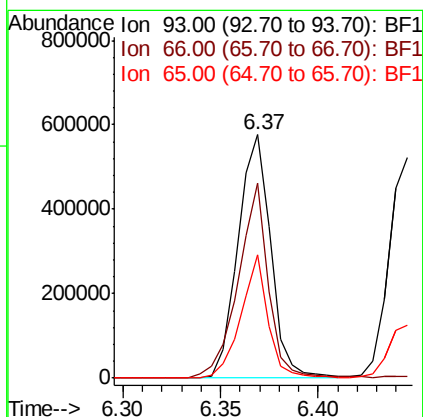
RT: 6.37 min Scan# 728

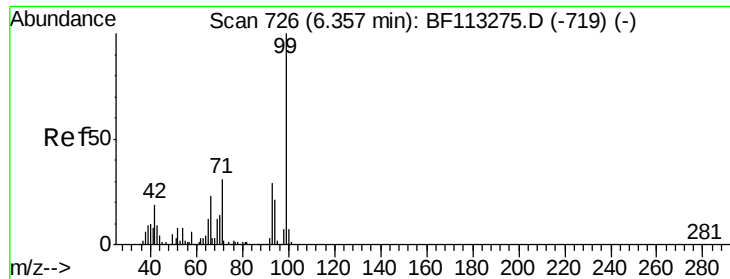
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	93	Resp:	671196
Ion Ratio	Lower	Upper	
93	100		
66	80.0	62.1	93.1
65	50.7	38.7	58.1





#7

Phenol-d6

Concen: 70.926 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1082393

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

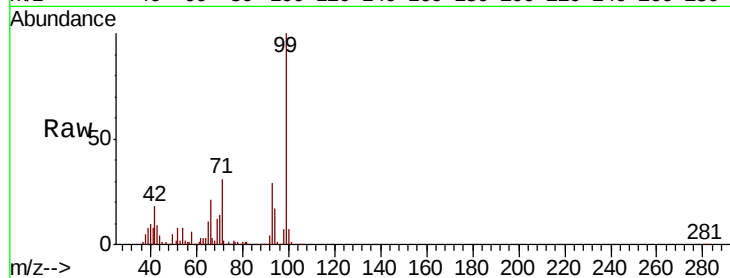
71 31.1 24.9 37.3

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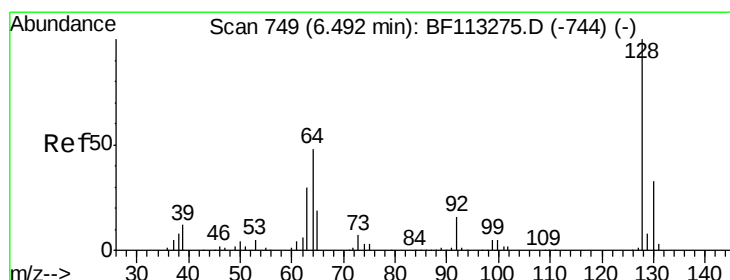
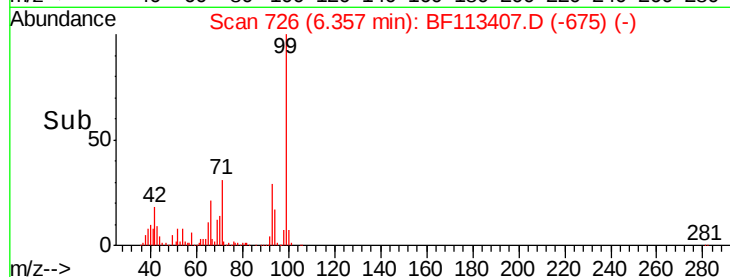
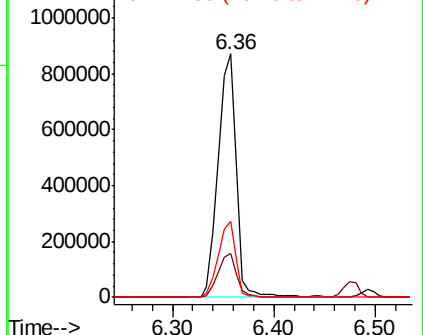
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.429 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

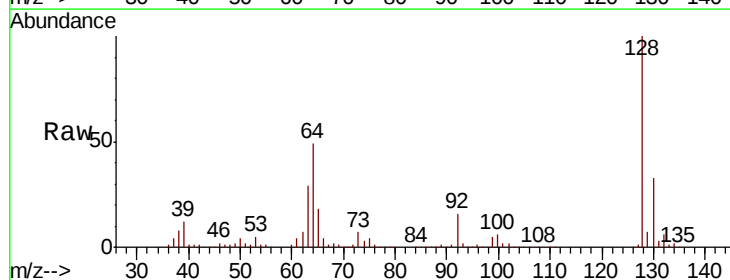
Tgt Ion: 128 Resp: 510323

Ion Ratio Lower Upper

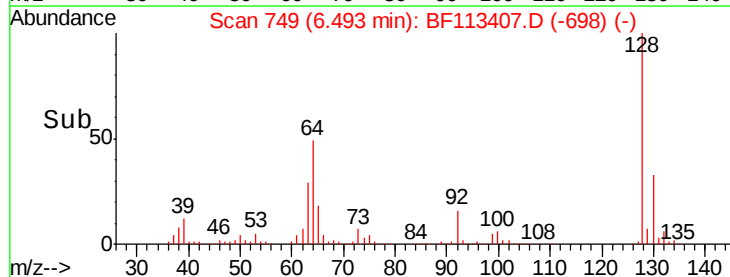
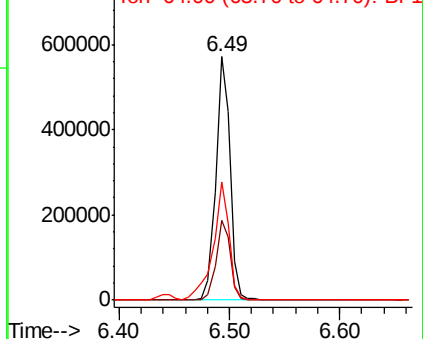
128 100

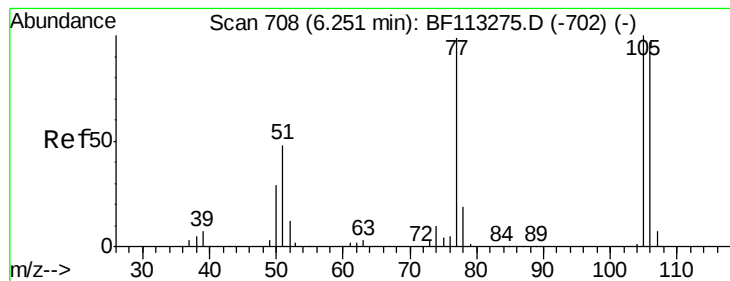
130 32.6 12.6 52.6

64 48.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 36.236 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

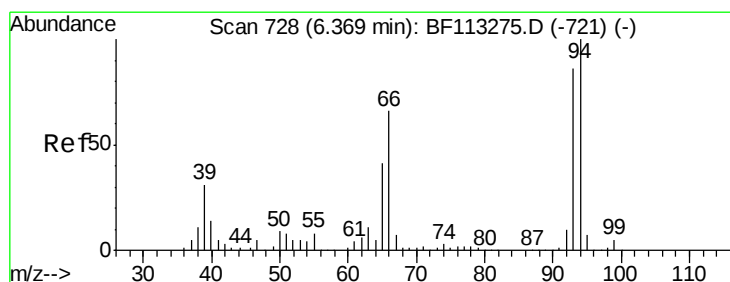
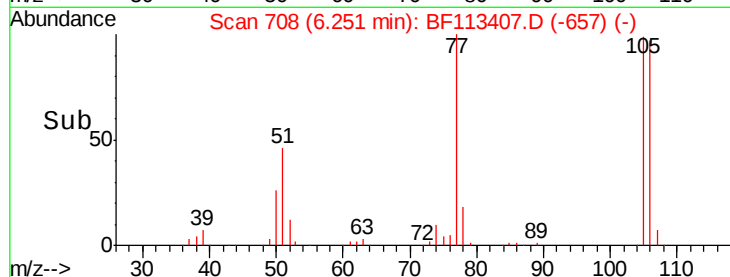
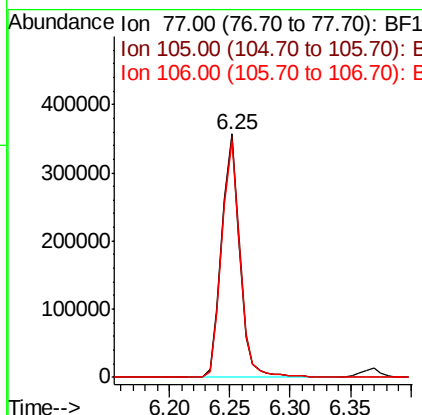
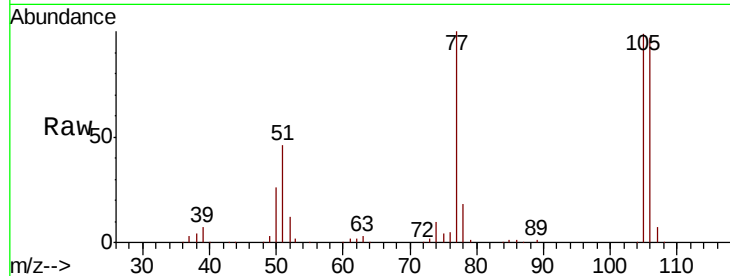
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	371087
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.9	120.9
106	96.8	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 34.969 ng

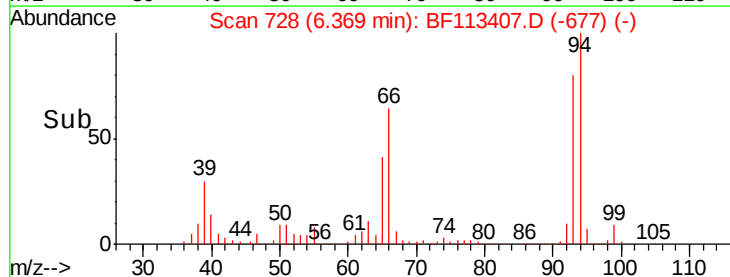
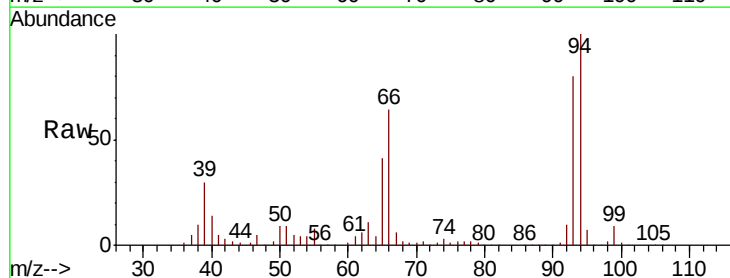
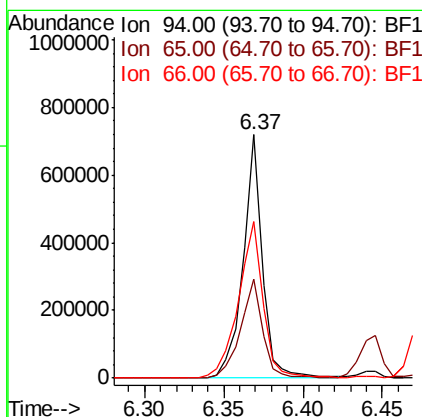
RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	94	Resp:	609245
Ion	Ratio	Lower	Upper
94	100		
65	40.6	21.4	61.4
66	64.1	46.4	86.4





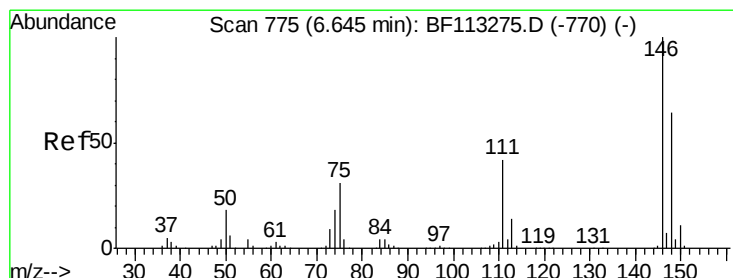
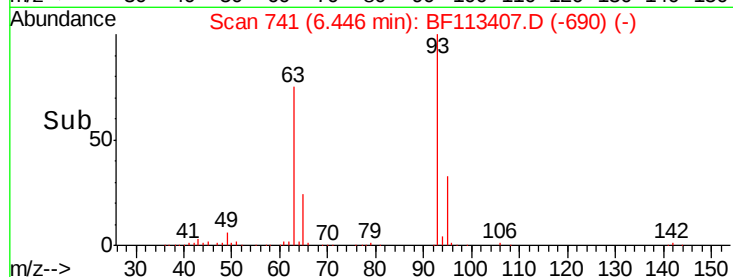
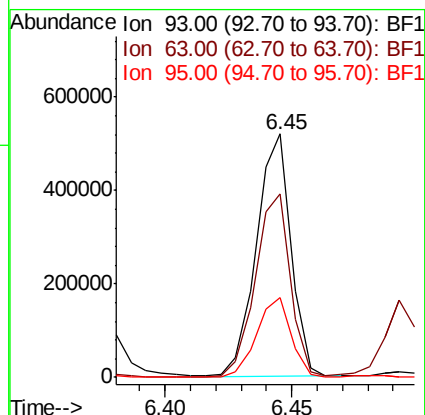
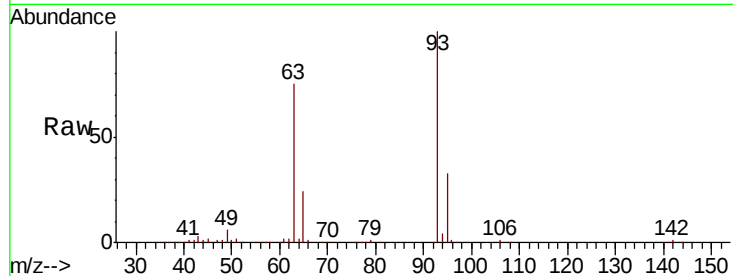
#11
bis(2-Chloroethyl)ether
Concen: 36.865 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.1	56.1	96.1
95	33.0	12.8	52.8

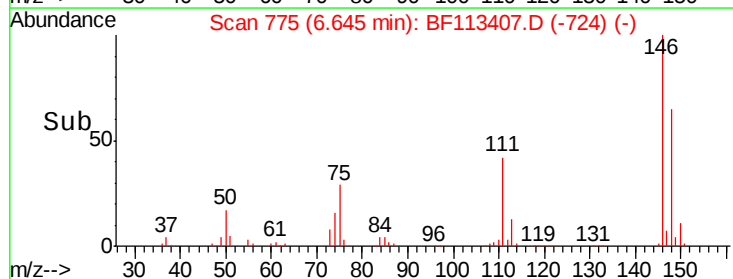
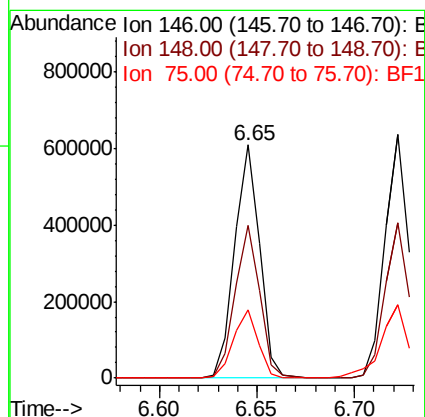
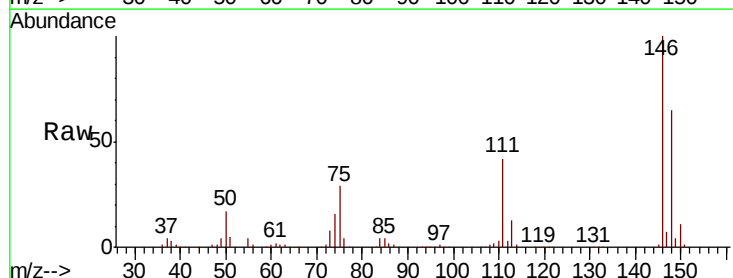
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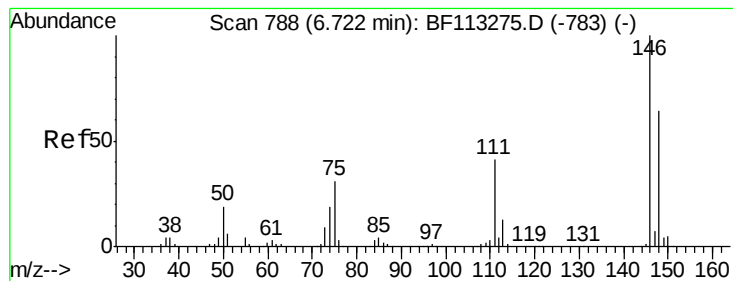
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4/1/2019 5:46:23 PM



#12
1,3-Dichlorobenzene
Concen: 36.147 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
75	29.4	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 37.785 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

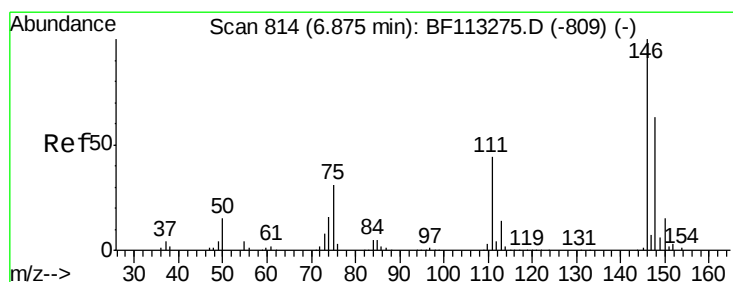
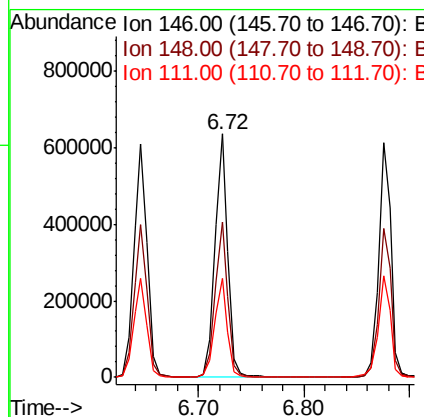
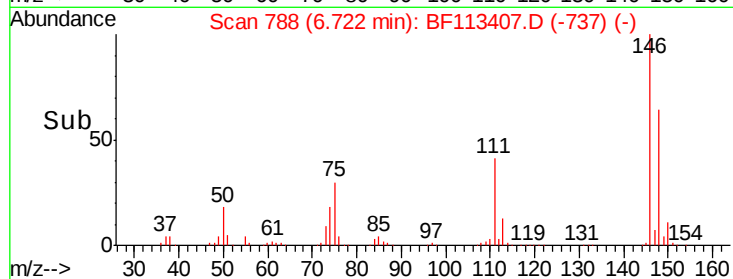
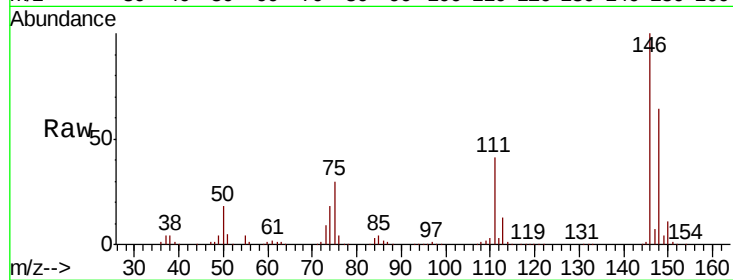
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	550913
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	40.6	32.8	49.2

Manual Integrations
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4/1/2019 5:46:23 PM



#14

1,2-Dichlorobenzene

Concen: 34.896 ng

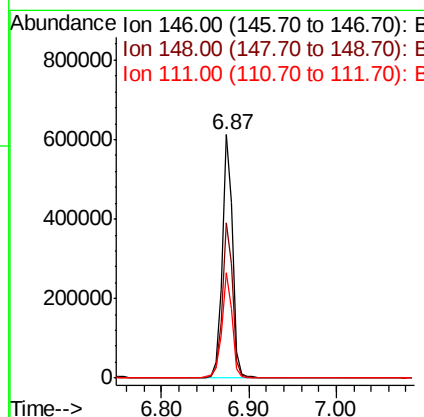
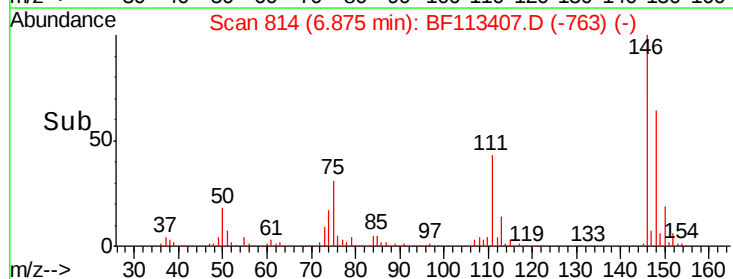
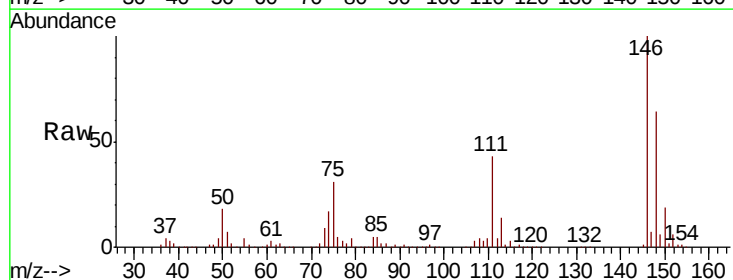
RT: 6.87 min Scan# 814

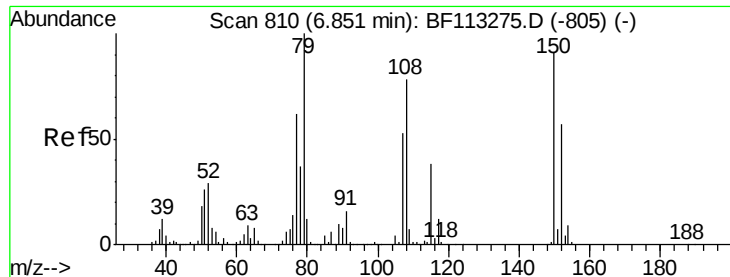
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	146	Resp:	500551
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.4
111	43.2	35.4	53.2





#15

Benzyl Alcohol

Concen: 37.145 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

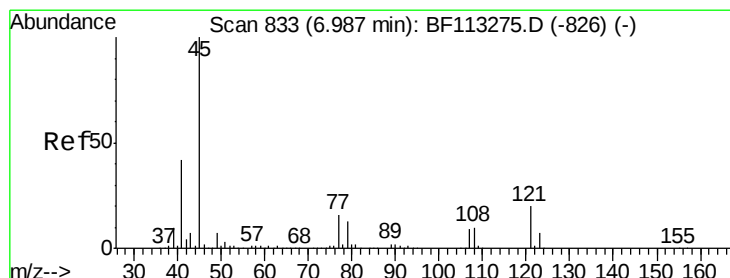
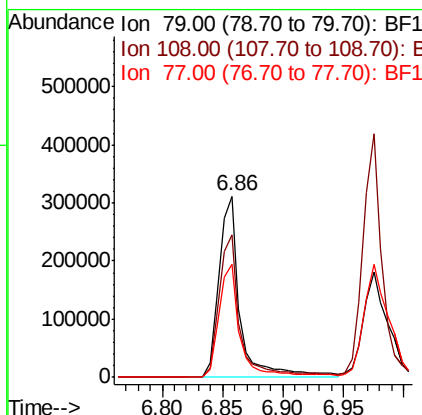
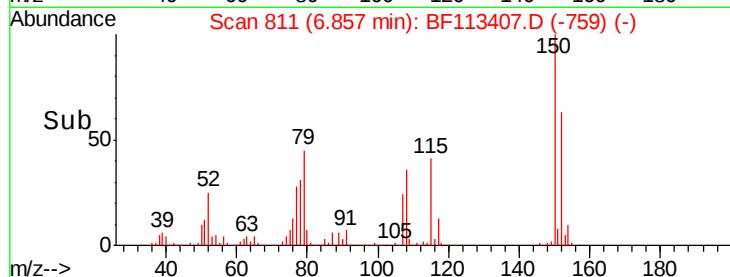
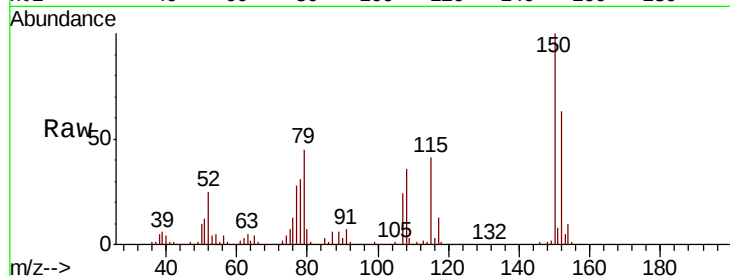
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	373974
Ion Ratio	Lower	Upper	
79	100		
108	78.7	62.0	93.0
77	62.3	49.9	74.9

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4/1/2019 5:46:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.228 ng

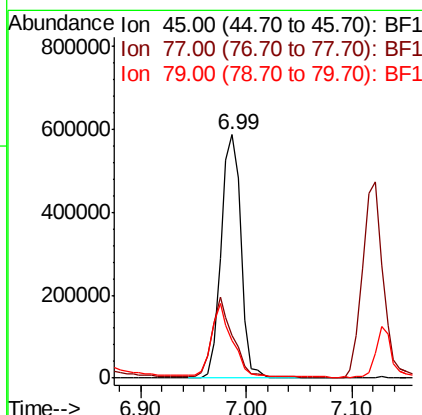
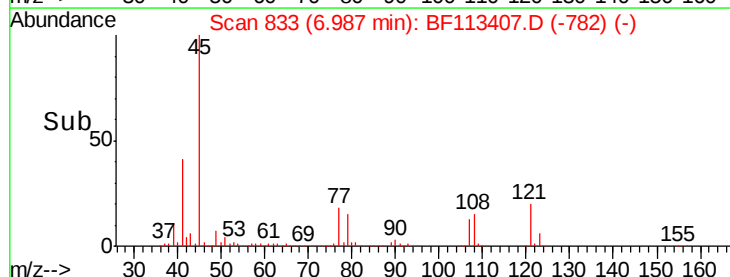
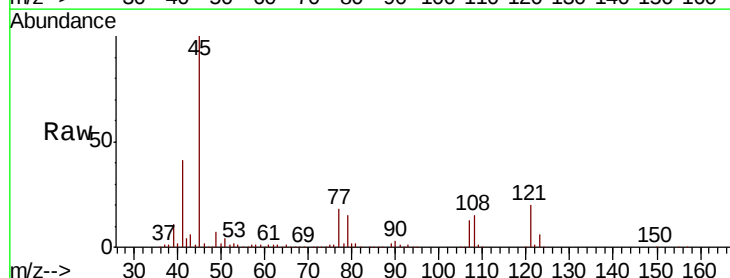
RT: 6.99 min Scan# 833

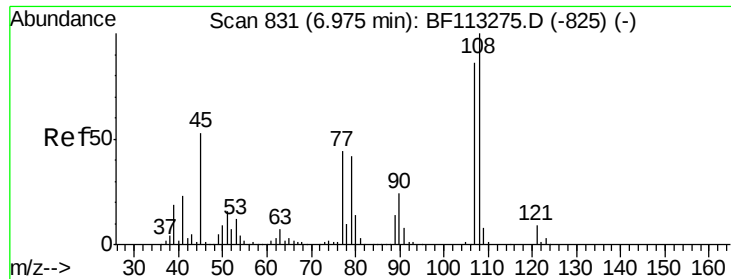
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	45	Resp:	766949
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	36.6
79	15.4	0.0	34.0





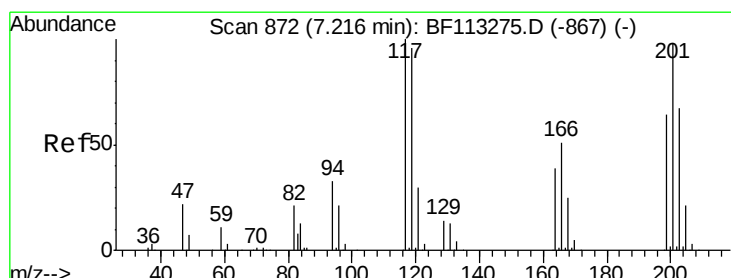
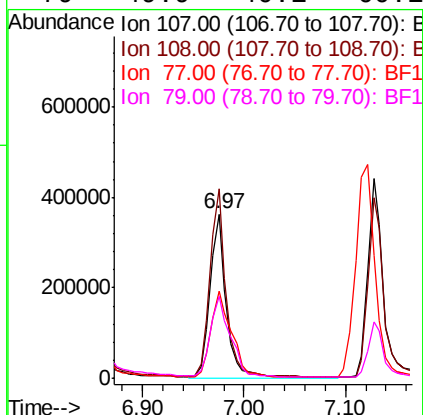
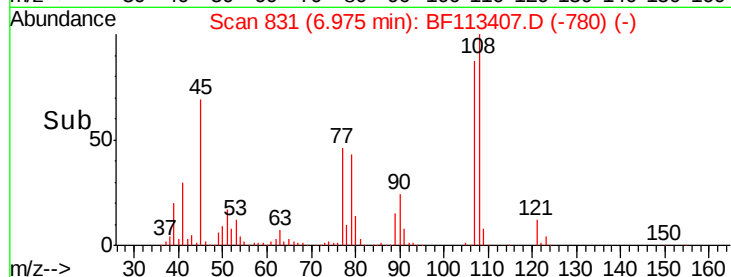
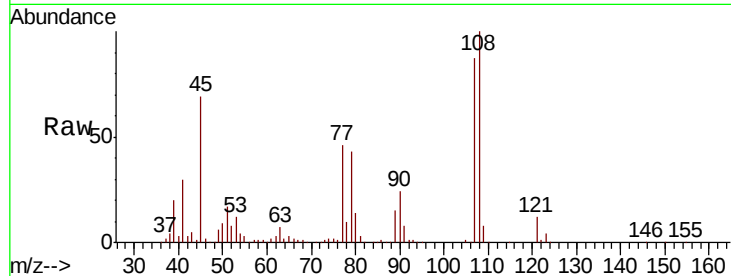
#17
2-Methylphenol
Concen: 37.026 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	406488
Ion Ratio	Lower	Upper	
107	100		
108	115.2	93.4	140.0
77	53.4	41.2	61.8
79	49.9	40.1	60.1

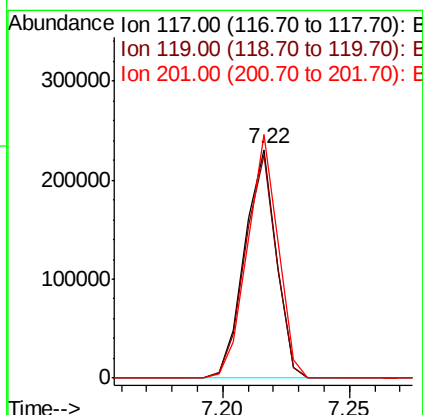
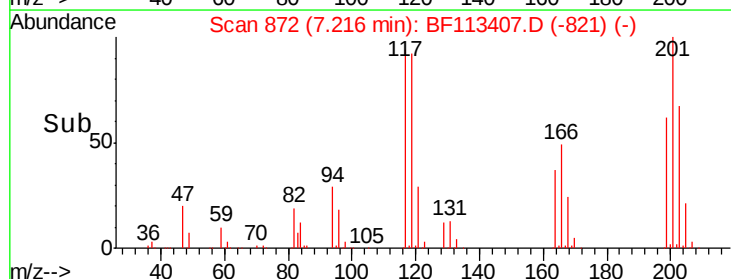
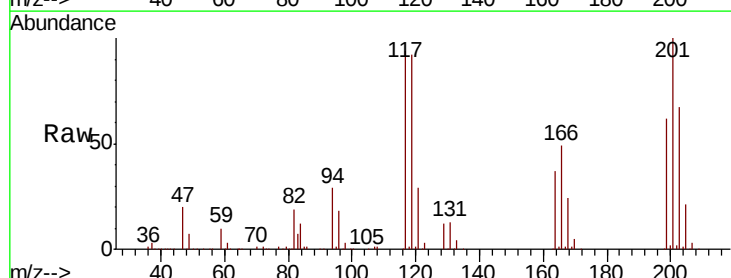
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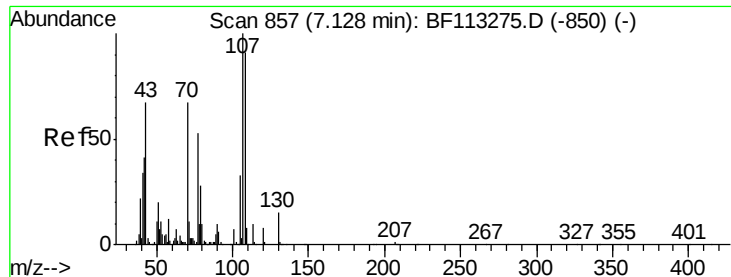
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4/1/2019 5:46:23 PM



#18
Hexachloroethane
Concen: 38.380 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion:	117	Resp:	200986
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.9	115.3
201	106.4	78.7	118.1





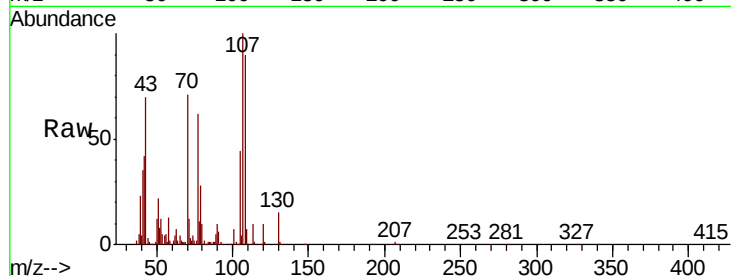
#19
n-Nitroso-di-n-propylamine
Concen: 35.419 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.0	48.4	72.6
101	9.4	7.8	11.8
130	21.8	18.2	27.4

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4/1/2019 5:46:23 PM



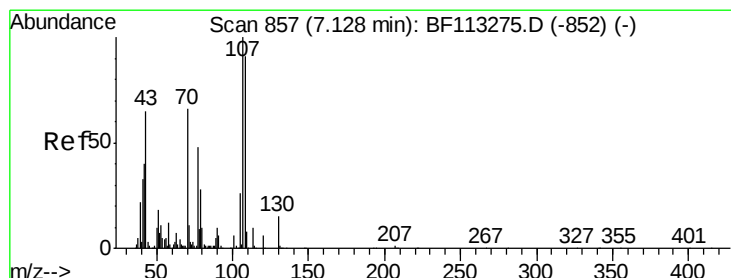
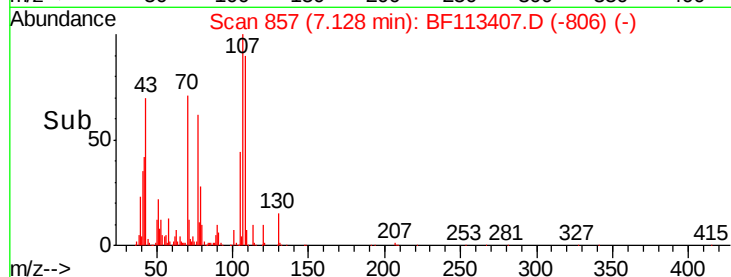
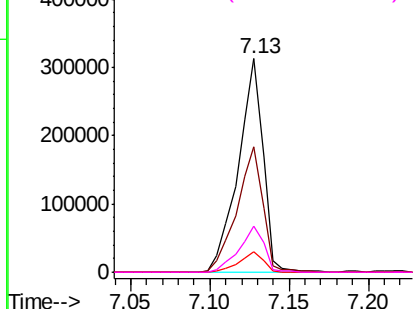
Abundance

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: 36.746 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	61.6	33.5	73.5
79	28.1	8.3	48.3

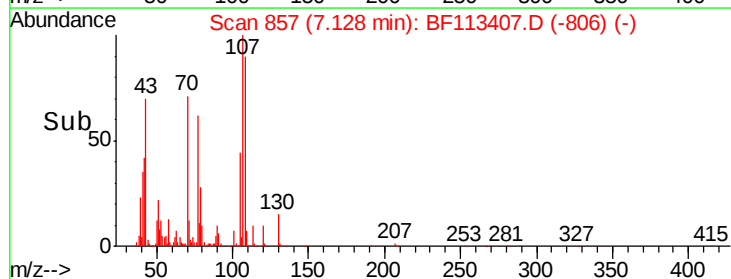
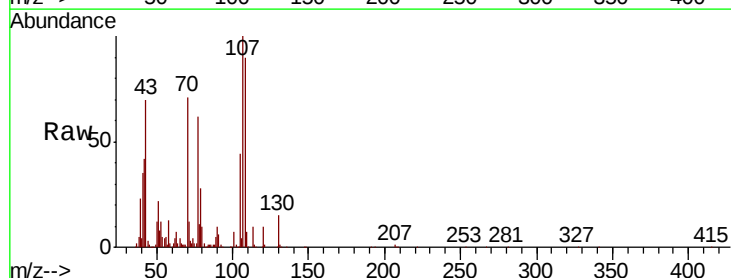
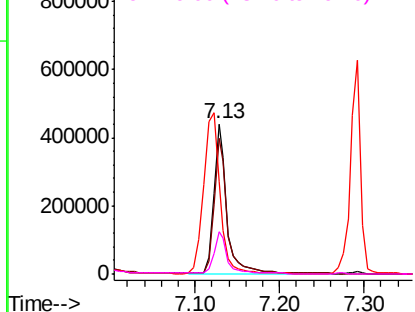
Abundance

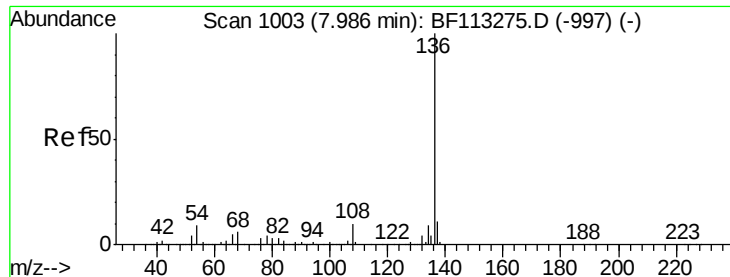
Ion 107.00 (106.70 to 107.70): E

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: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

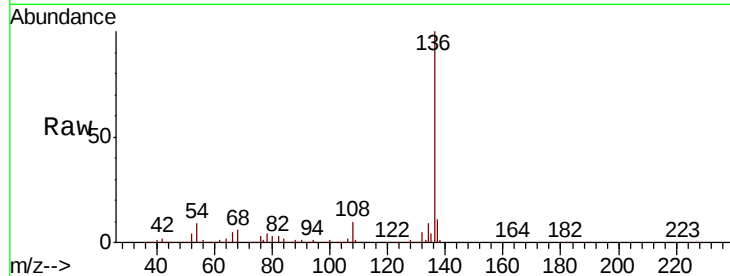
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	788955		
137	11.0	8.9	13.3	
54	8.5	7.0	10.6	
68	6.3	4.8	7.2	

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4/1/2019 5:46:23 PM



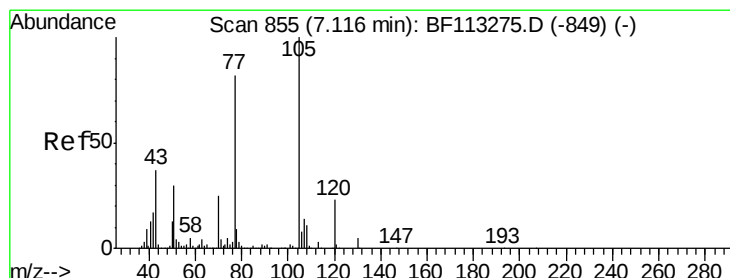
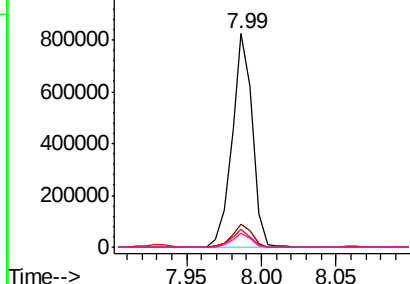
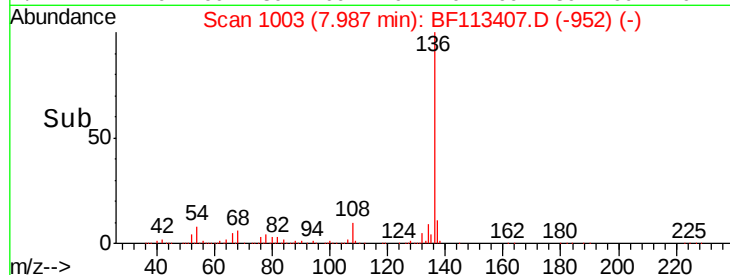
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.579 ng

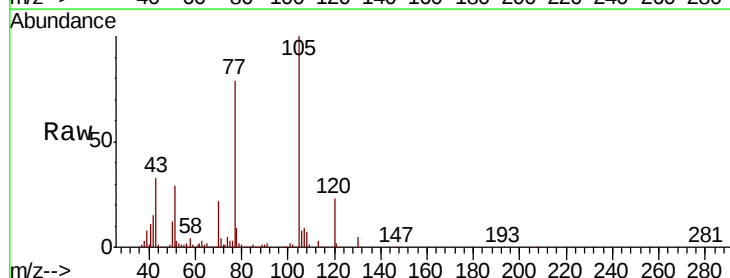
RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	658147		
71	3.7	3.3	4.9	
51	29.0	24.2	36.2	
120	23.2	18.1	27.1	



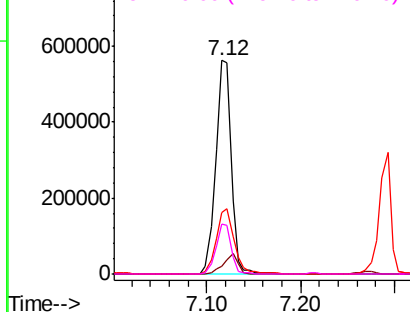
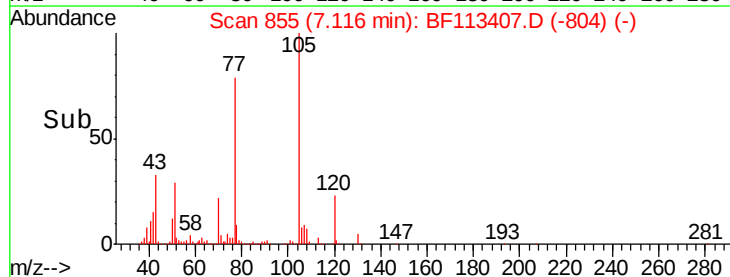
Abundance

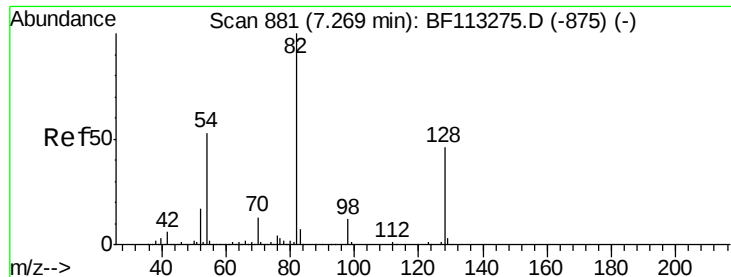
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





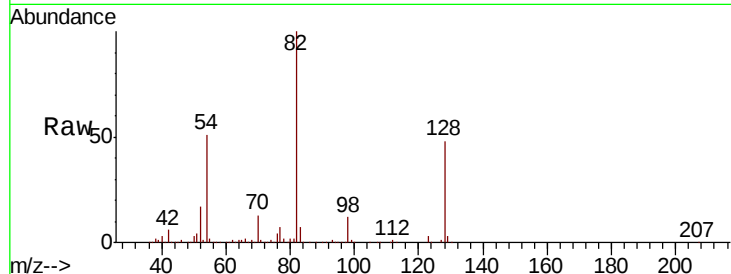
#23
 Nitrobenzene-d5
 Concen: 76.640 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

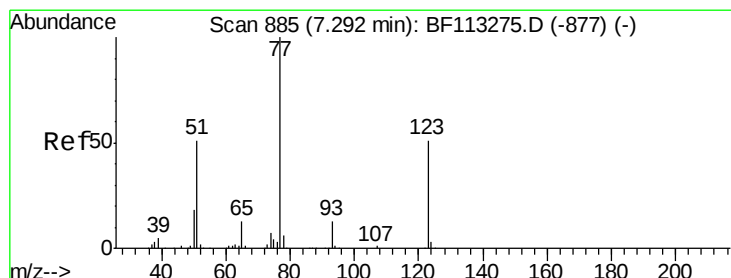
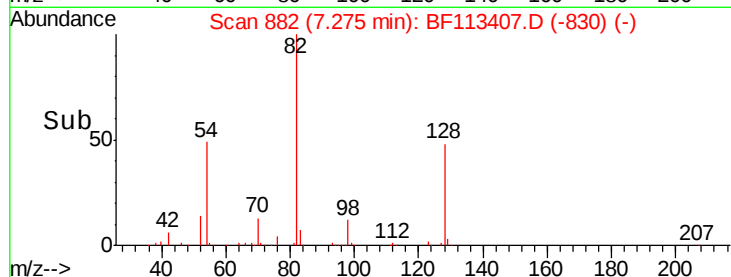
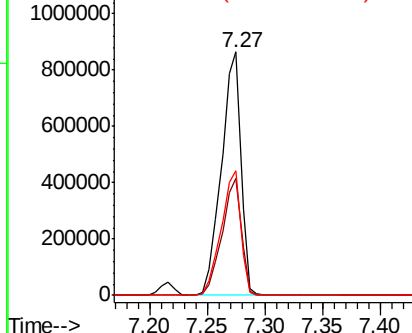
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.5	54.7
54	51.1	42.2	63.2

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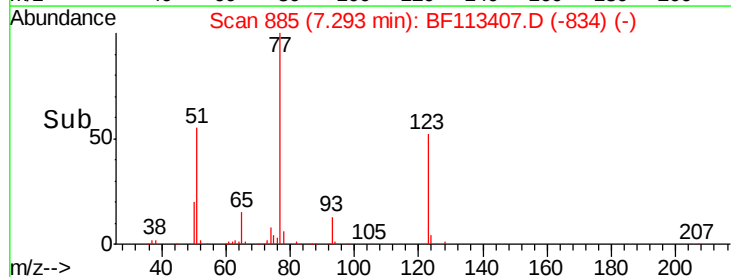
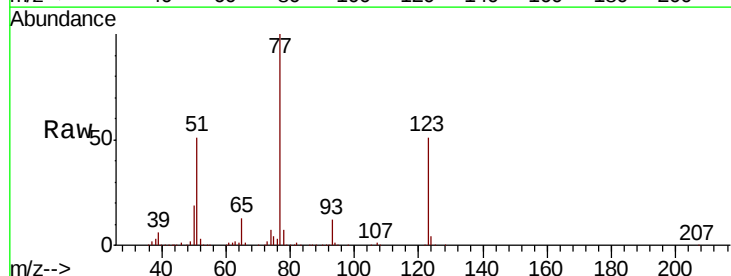
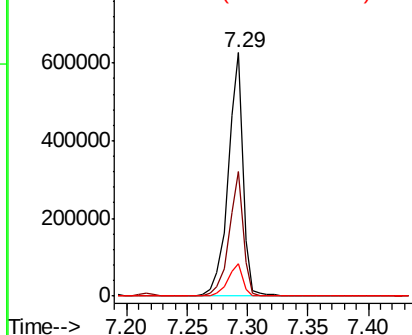
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

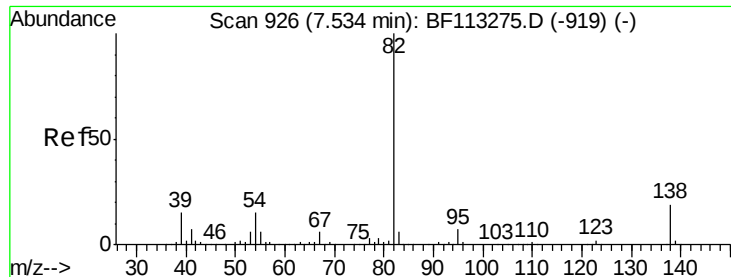


#24
 Nitrobenzene
 Concen: 38.140 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	40.8	61.2
65	13.5	10.6	16.0

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.395 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

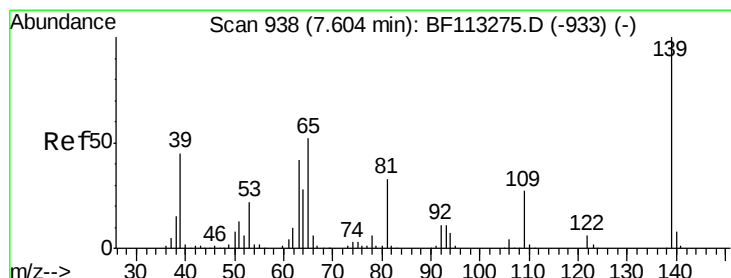
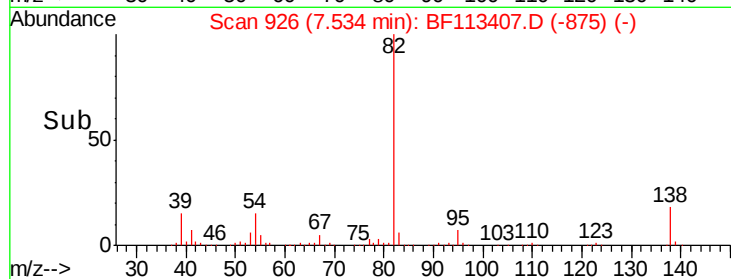
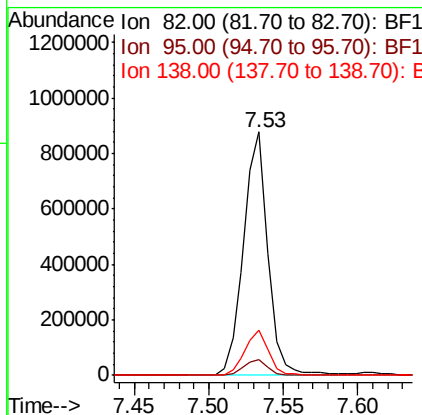
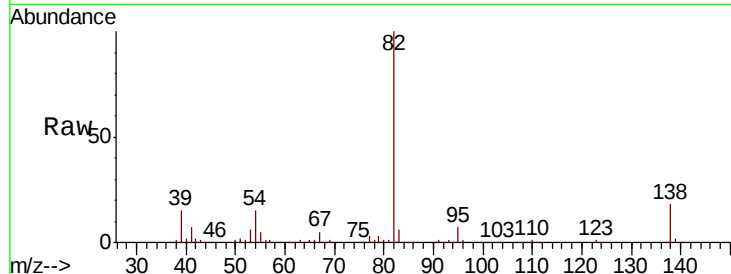
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	989049
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.4	15.2	22.8

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4/1/2019 5:46:23 PM



#26

2-Nitrophenol

Concen: 39.750 ng

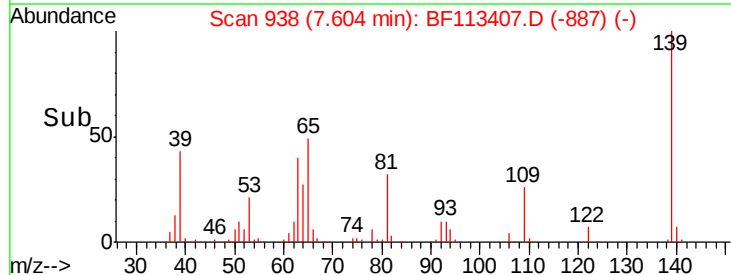
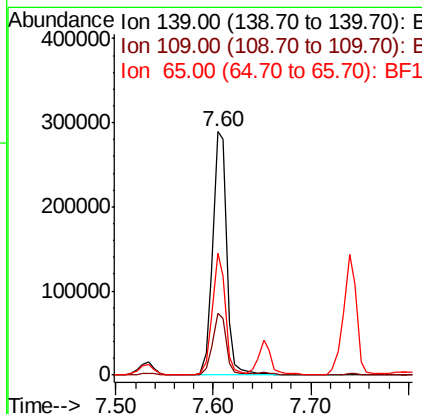
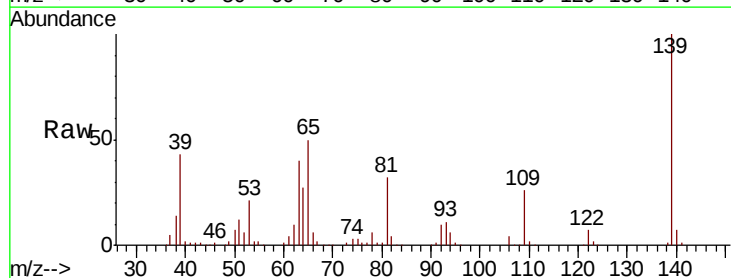
RT: 7.60 min Scan# 938

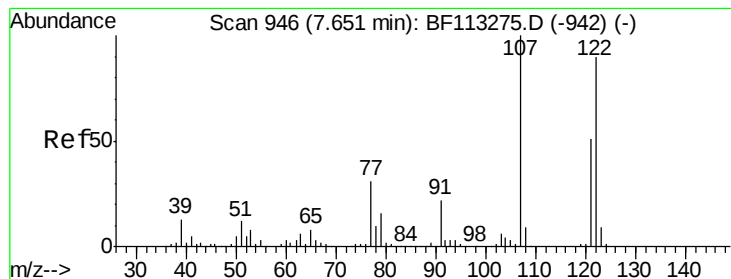
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	139	Resp:	291440
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.7	32.5
65	50.0	41.6	62.4





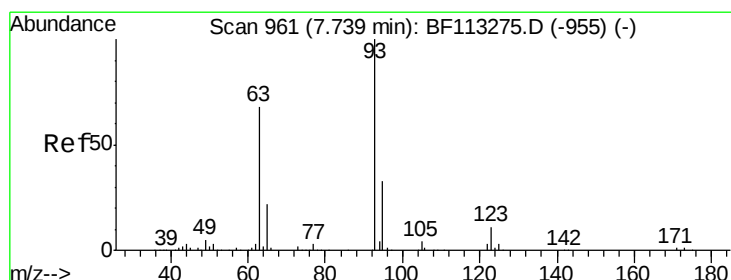
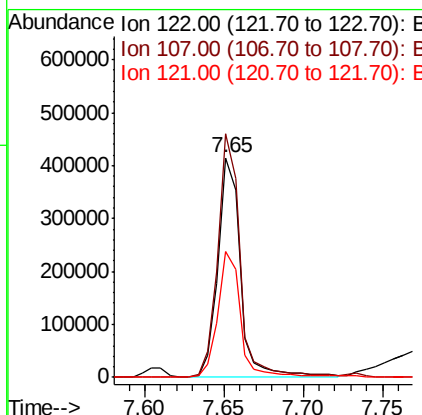
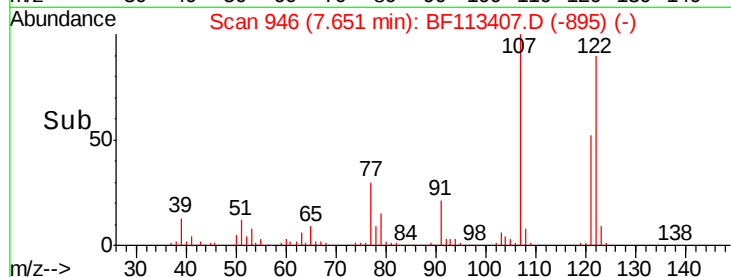
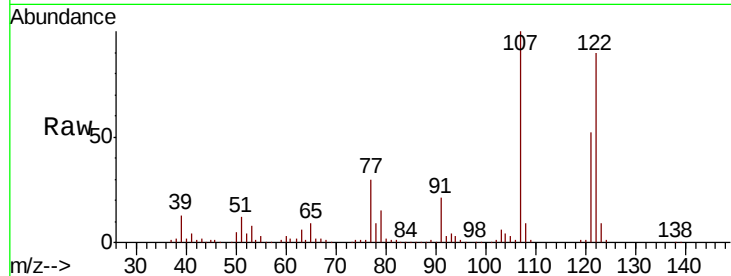
#27
 2,4-Dimethylphenol
 Concen: 38.924 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	410517		
107	110.8	88.8	133.2	
121	57.5	45.5	68.3	

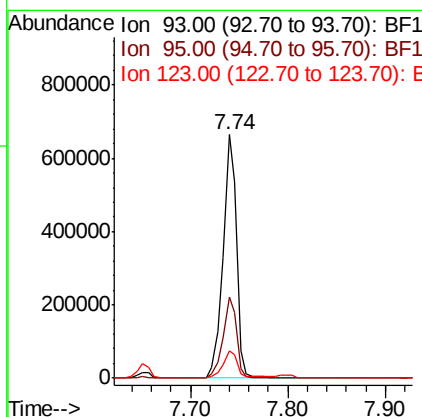
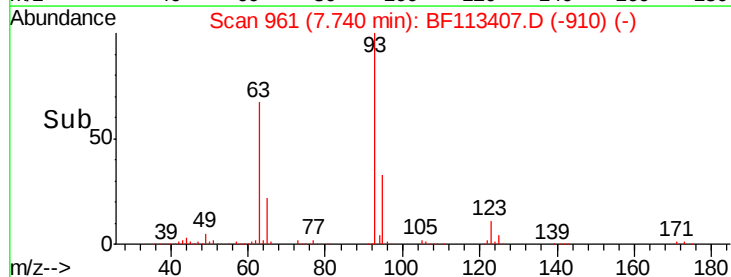
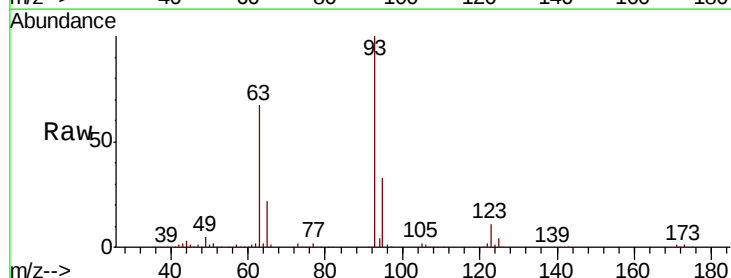
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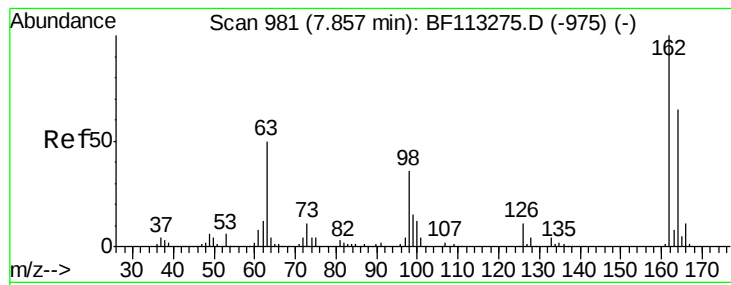
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.162 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635289		
95	33.2	26.0	39.0	
123	11.3	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 38.946 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

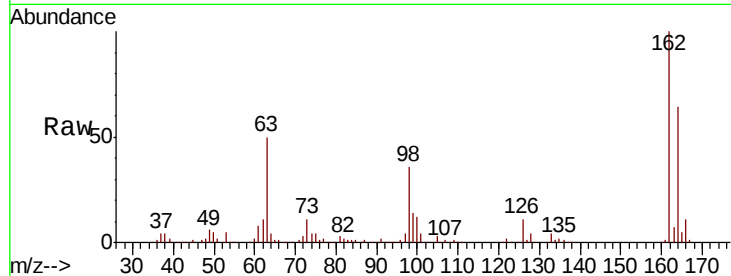
ClientSampled :

SSTDCCC040

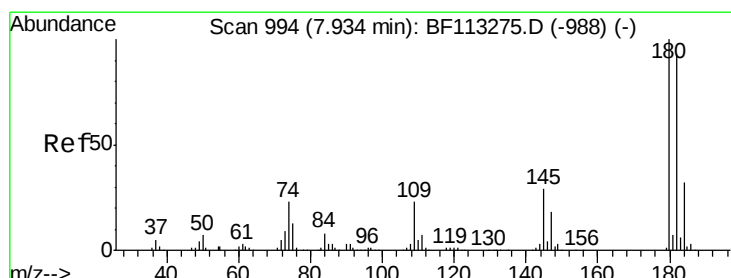
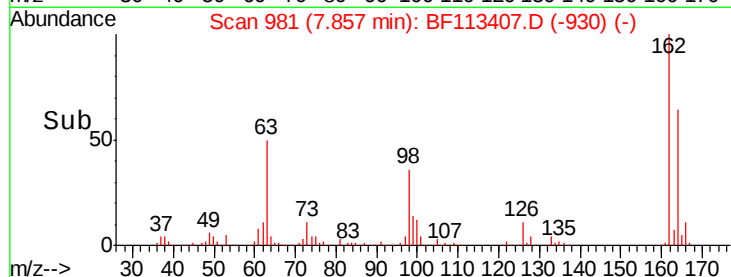
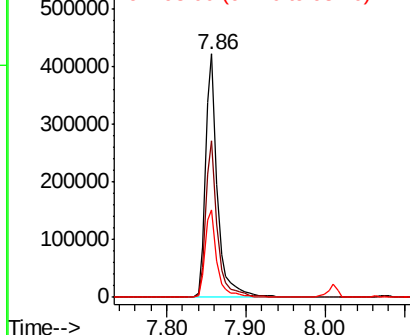
Tgt Ion:	162	Resp:	445122
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.6	84.6
98	35.7	15.6	55.6

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4/1/2019 5:46:23 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.047 ng

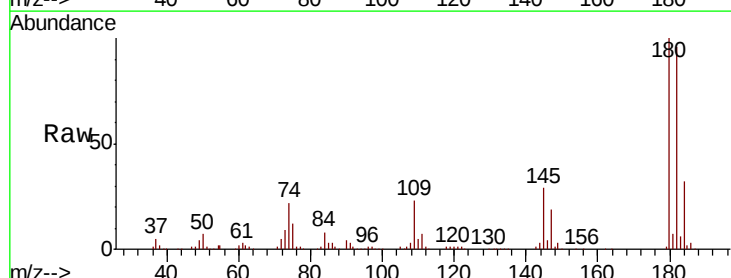
RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

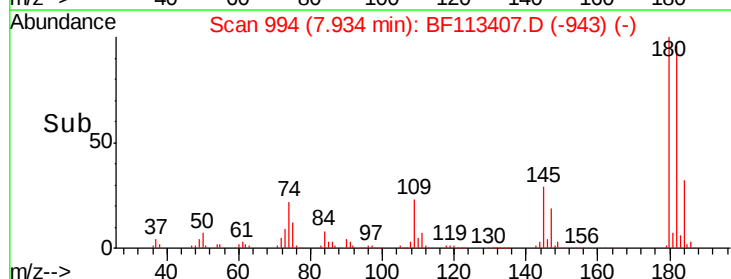
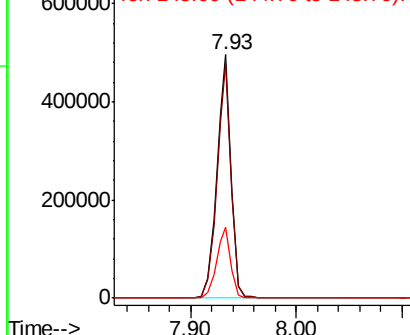
Lab File: BF113407.D

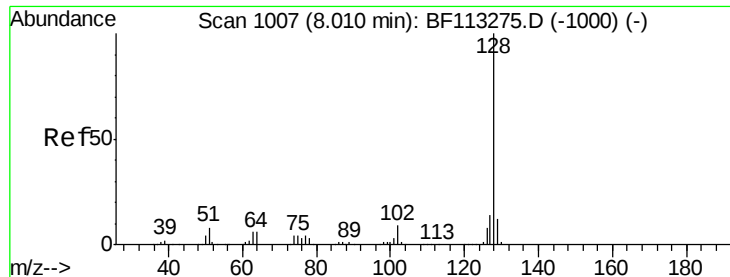
Acq: 29 Mar 2019 11:09

Tgt Ion:	180	Resp:	469155
Ion Ratio	Lower	Upper	
180	100		
182	96.2	74.6	111.8
145	29.2	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





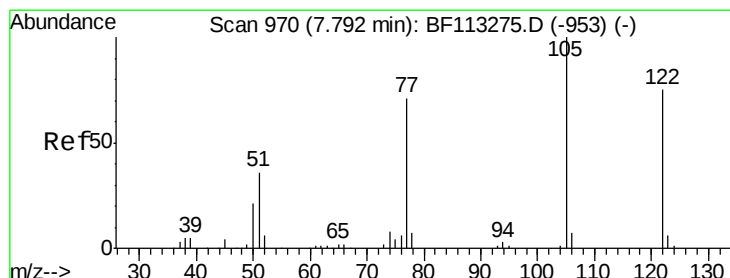
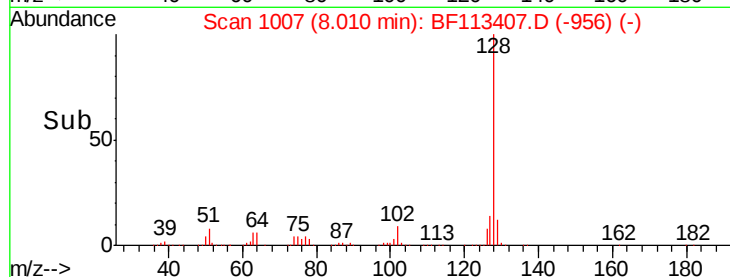
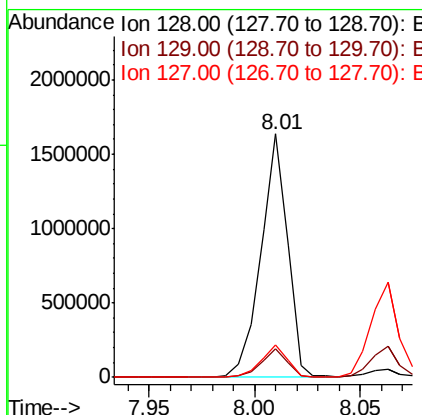
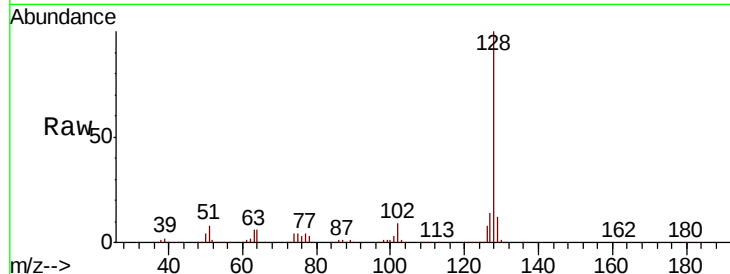
#31
Naphthalene
Concen: 37.436 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	10.9	16.3

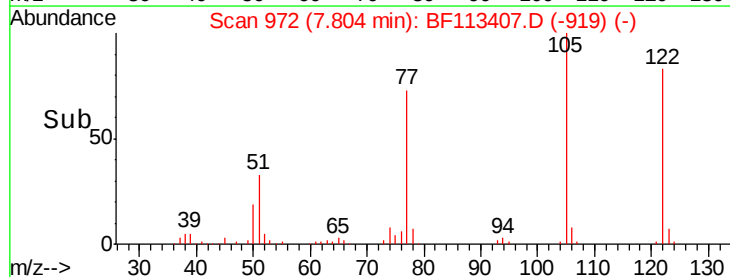
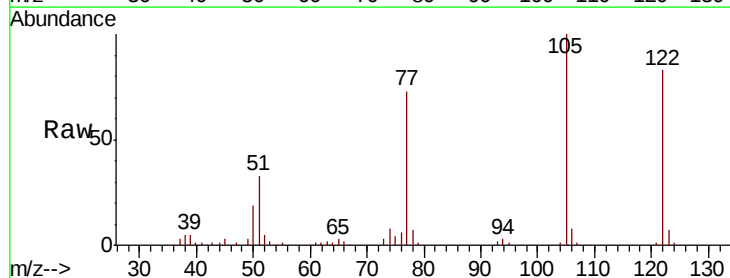
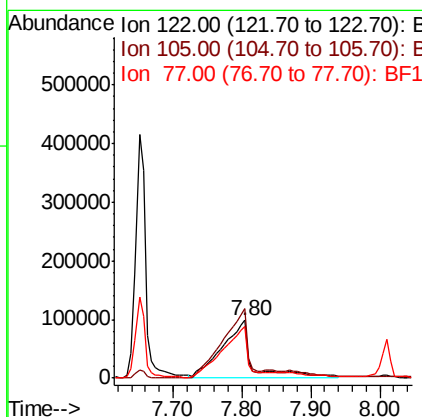
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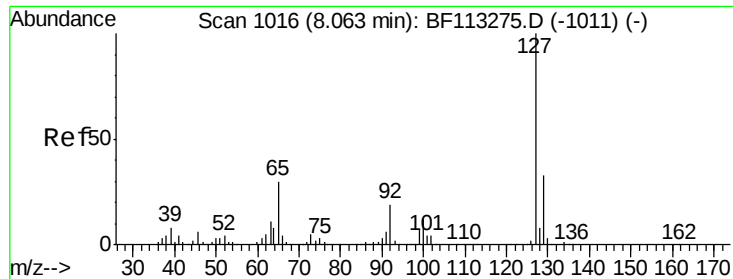
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4/1/2019 5:46:23 PM



#32
Benzoic acid
Concen: 36.496 ng m
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	100.4	140.4
77	88.5	69.0	109.0





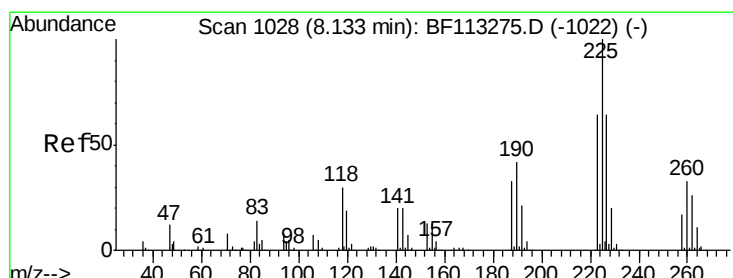
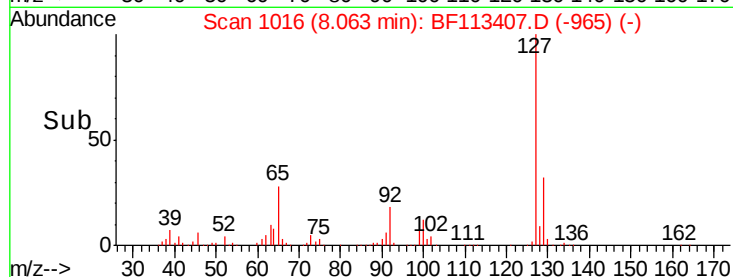
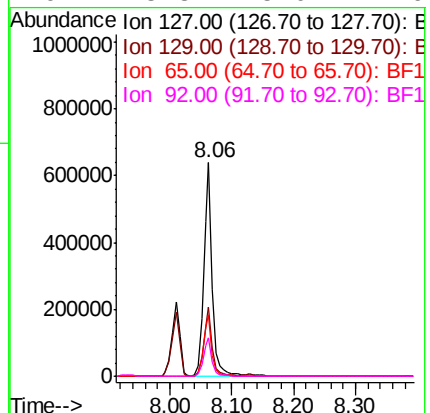
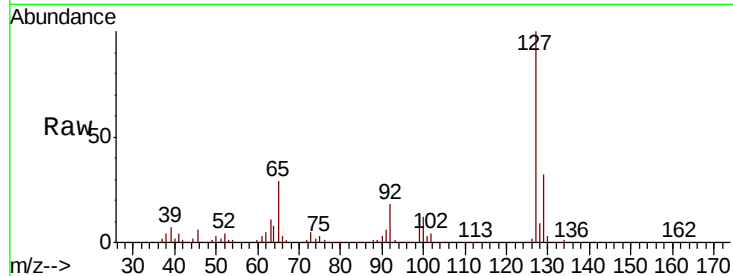
#33
4-Chloroaniline
Concen: 41.074 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	617516		
129	32.4	26.3	39.5	
65	28.9	24.2	36.4	
92	18.3	15.0	22.6	

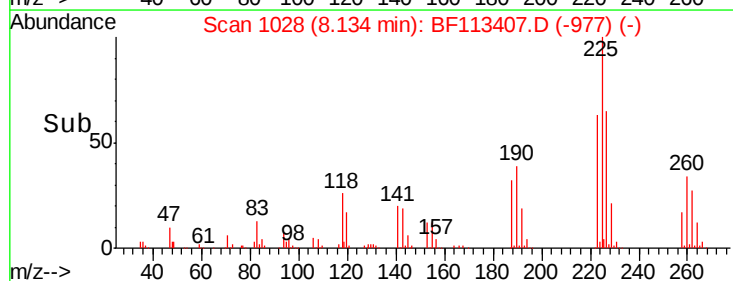
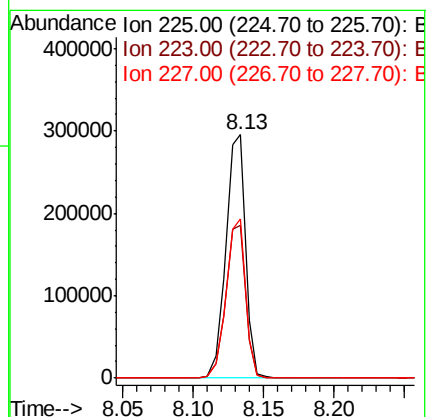
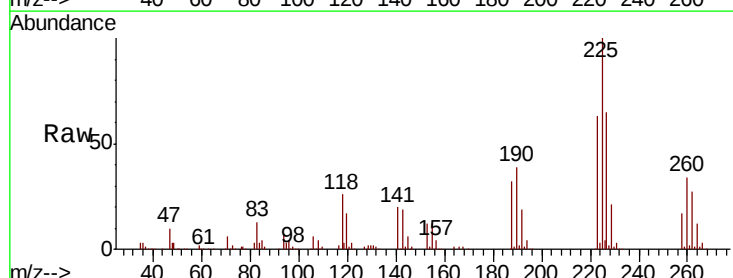
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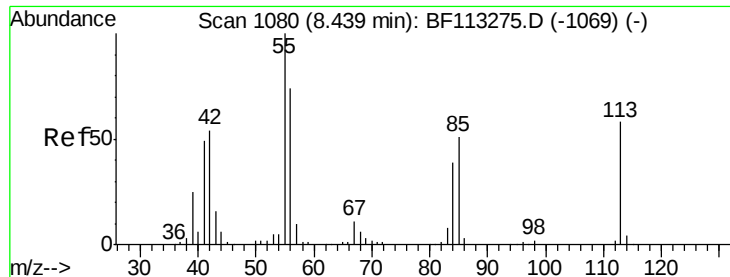
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4/1/2019 5:46:23 PM



#34
Hexachlorobutadiene
Concen: 39.043 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	286143		
223	62.9	51.4	77.2	
227	65.4	51.1	76.7	





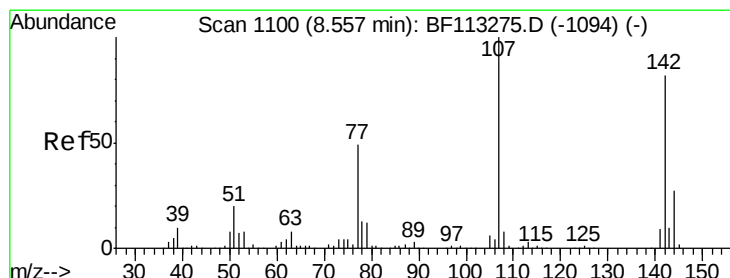
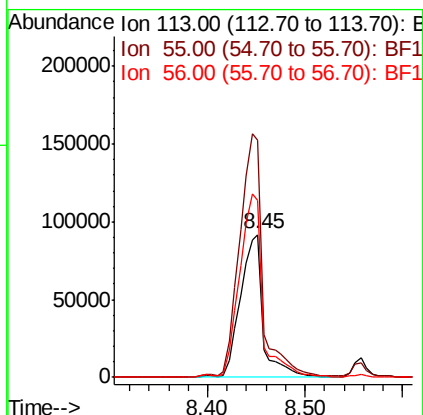
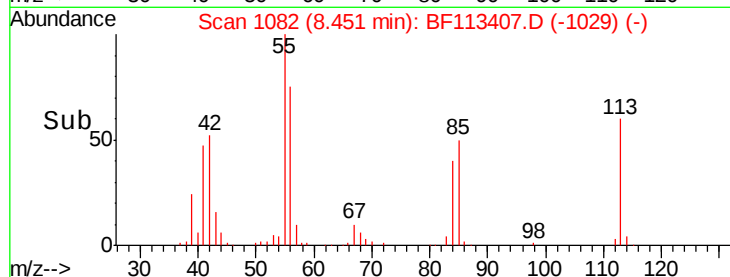
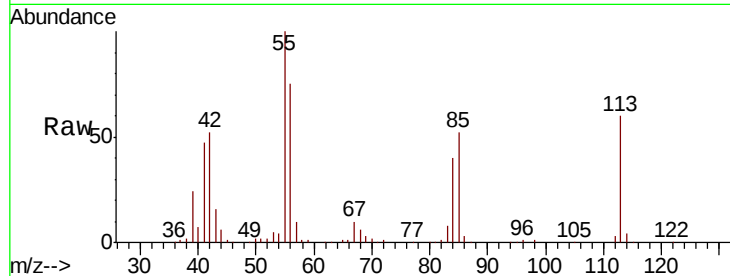
#35
 Caprolactam
 Concen: 40.468 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 148442
 Ion Ratio Lower Upper
 113 100
 55 166.4 152.7 192.7
 56 124.3 108.3 148.3

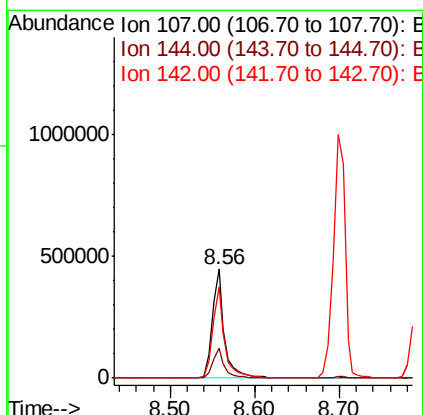
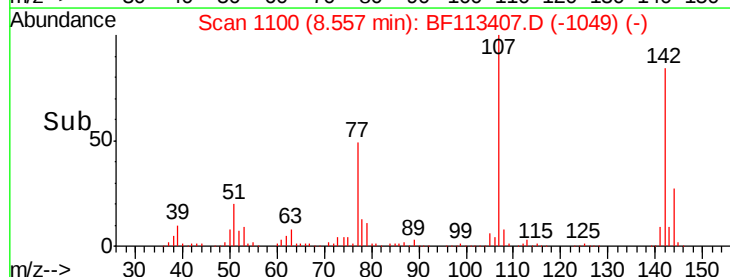
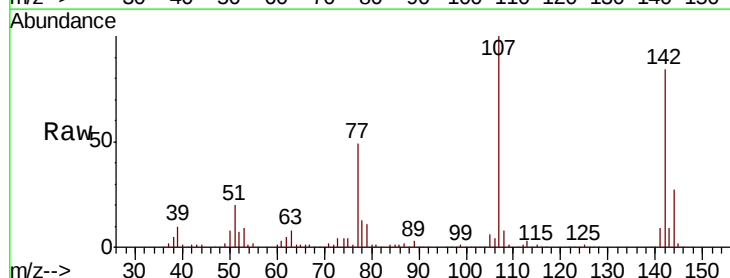
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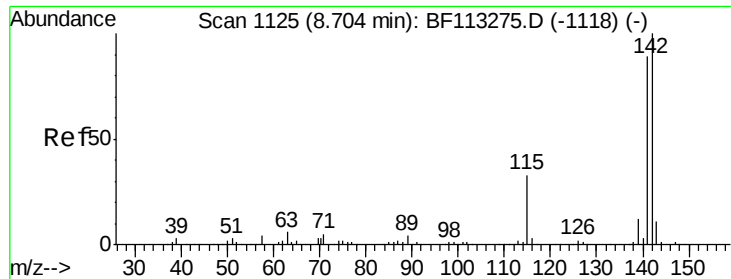
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 4/1/2019 5:46:23 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.384 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion:107 Resp: 452740
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.4 32.0
 142 83.7 65.6 98.4





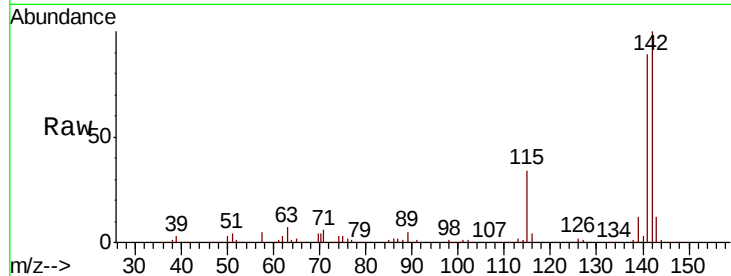
#37
2-Methylnaphthalene
Concen: 39.731 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	33.9	26.6	39.8

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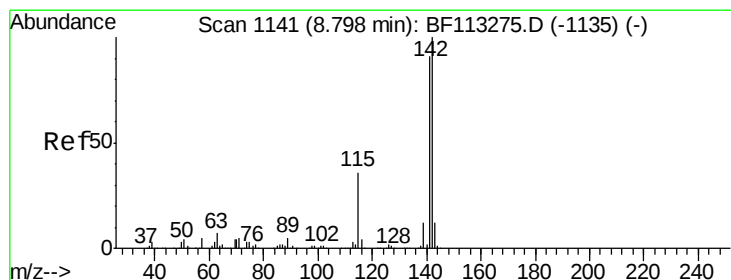
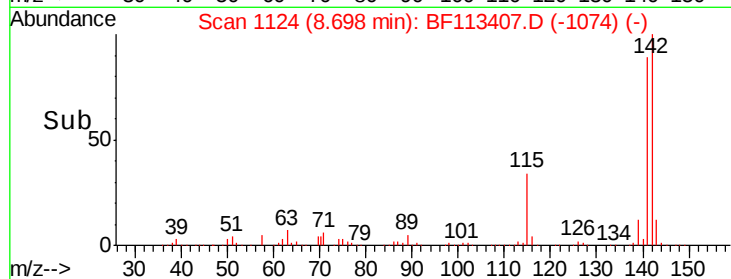
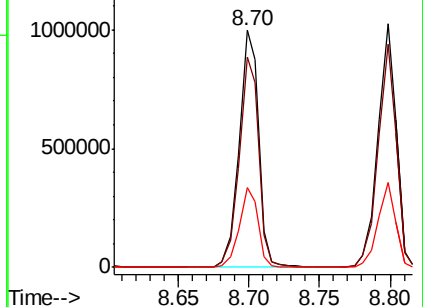


Abundance

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: 39.928 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

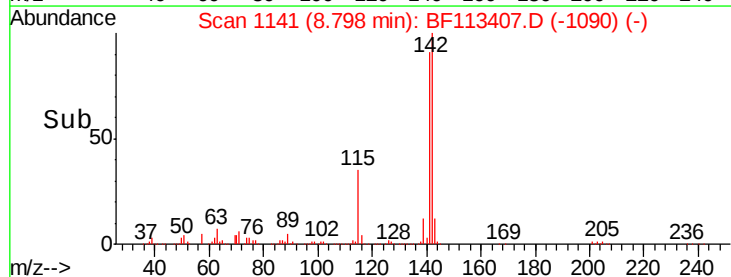
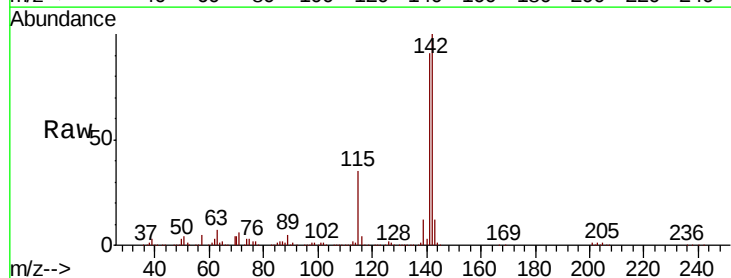
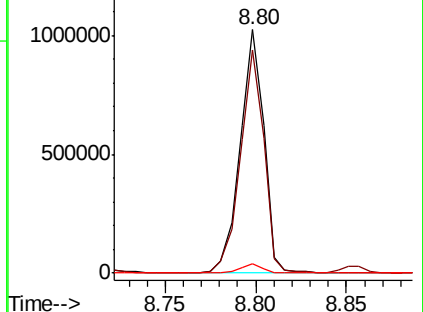
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
116	3.7	3.0	4.4

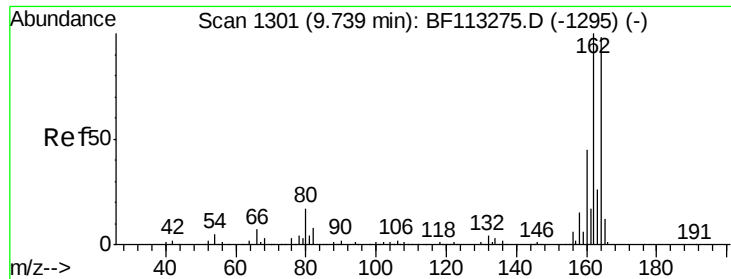
Abundance

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





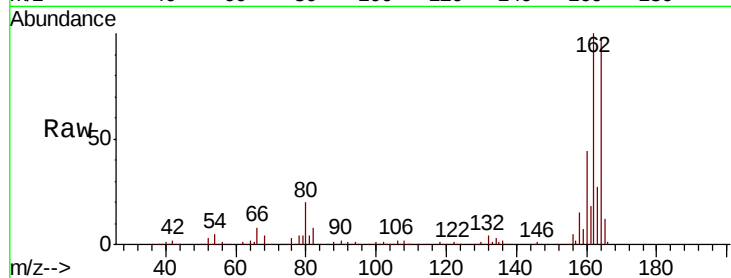
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	393678		
162	101.9	81.8	122.6	
160	45.2	36.4	54.6	

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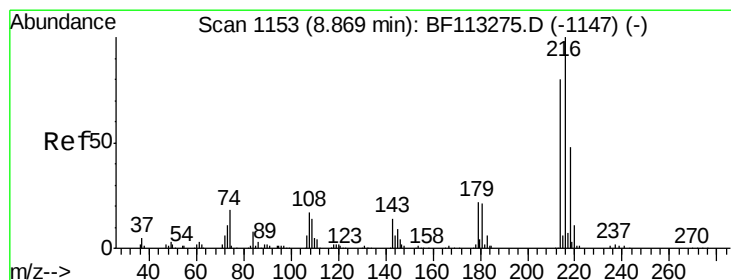
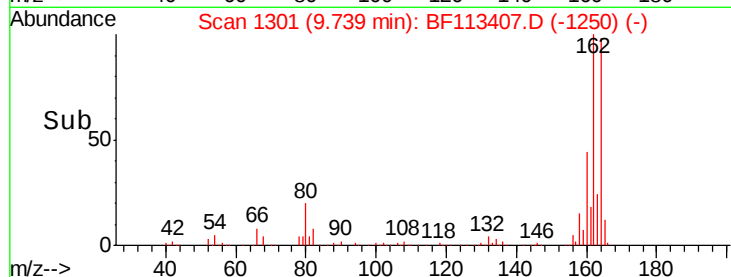
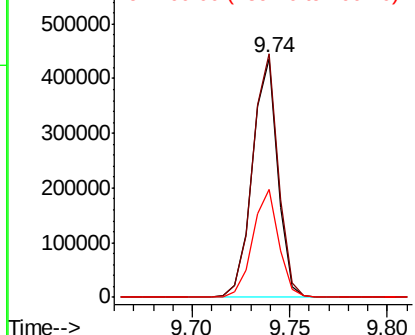


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.785 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	464855		
214	79.4	63.0	94.6	
179	20.5	16.8	25.2	
108	17.4	13.8	20.6	

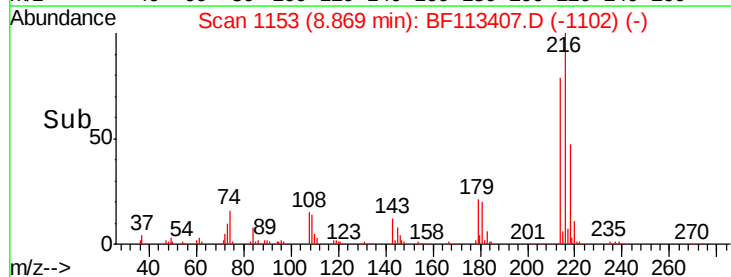
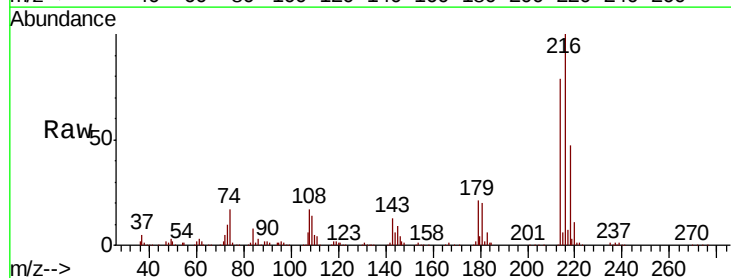
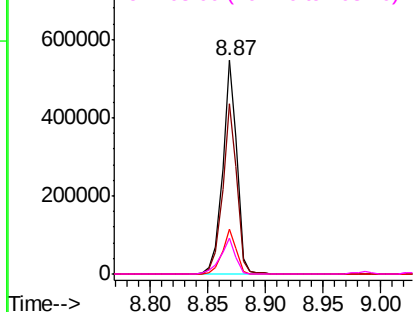
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.023 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

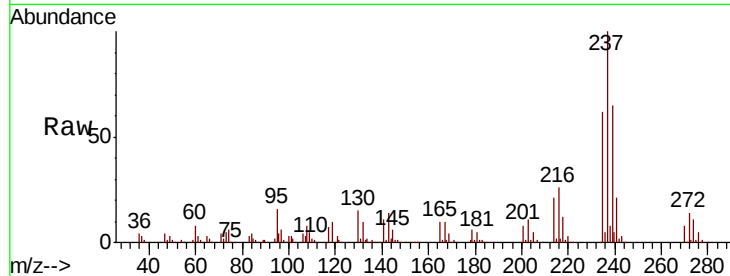
ClientSampleId :

SSTDCCC040

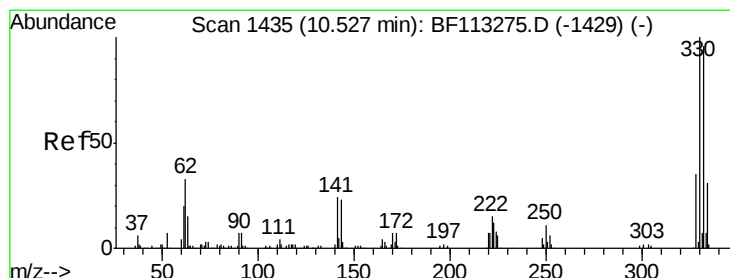
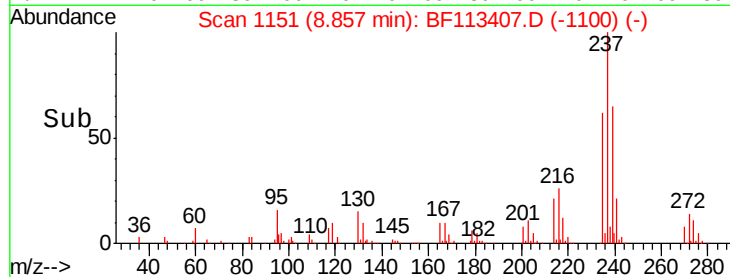
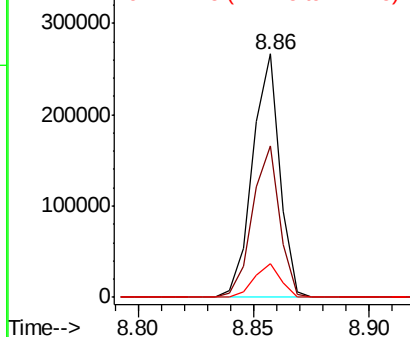
Tgt Ion:	237	Resp:	219427
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.4	83.4
272	14.1	0.0	33.7

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: 73.461 ng

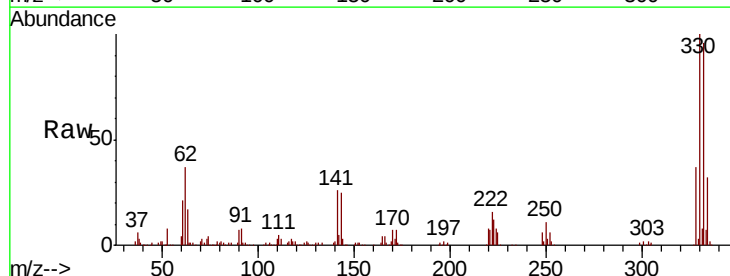
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

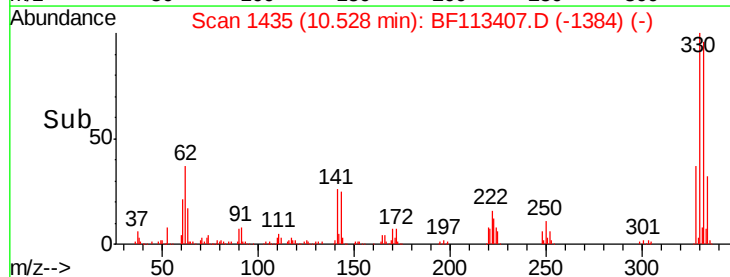
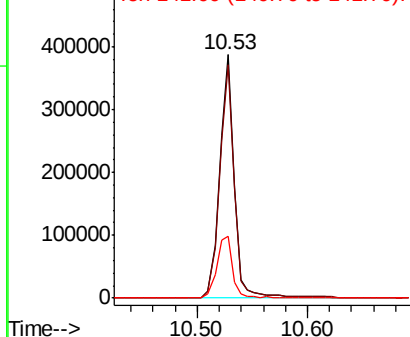
Lab File: BF113407.D

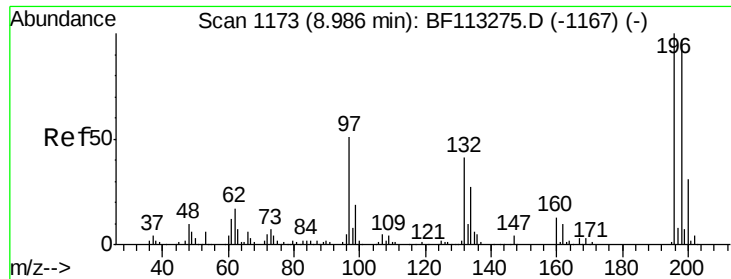
Acq: 29 Mar 2019 11:09

Tgt Ion:	330	Resp:	357229
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.8	116.6
141	27.8	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





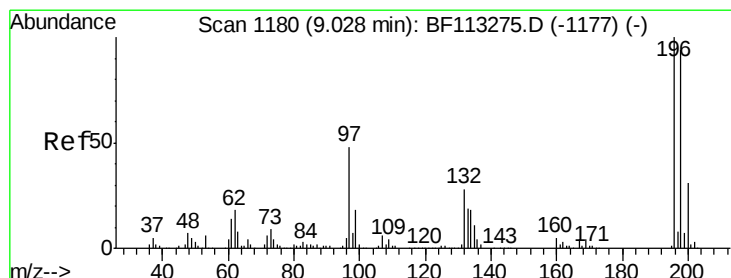
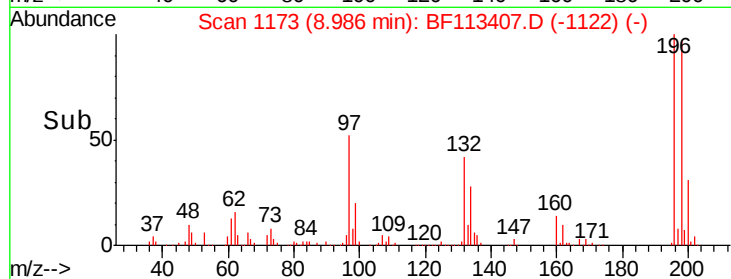
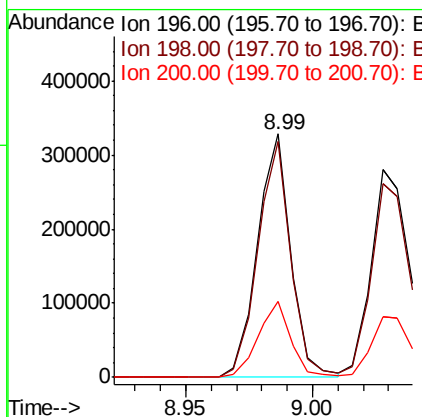
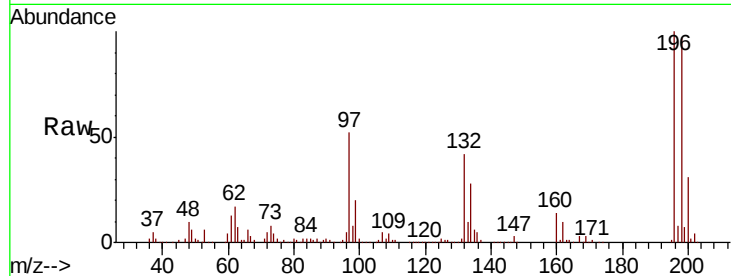
#43
 2,4,6-Trichlorophenol
 Concen: 36.567 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300917		
198	97.0	77.7	116.5	
200	30.9	24.9	37.3	

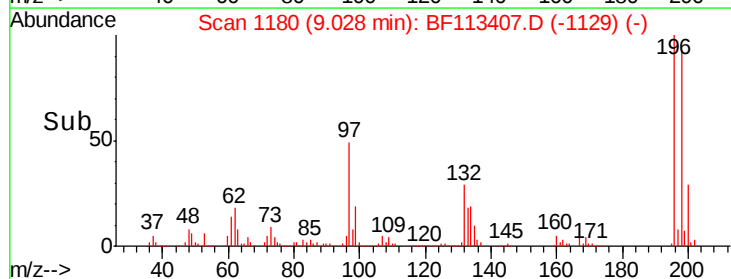
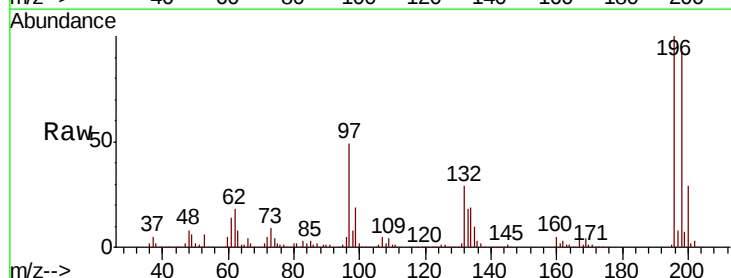
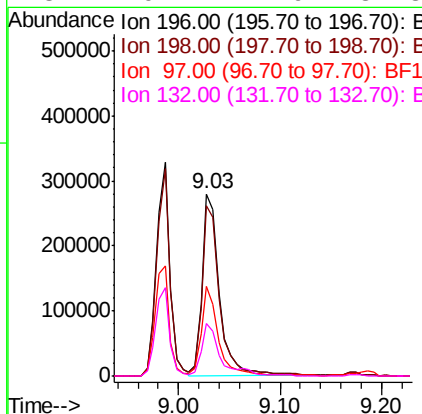
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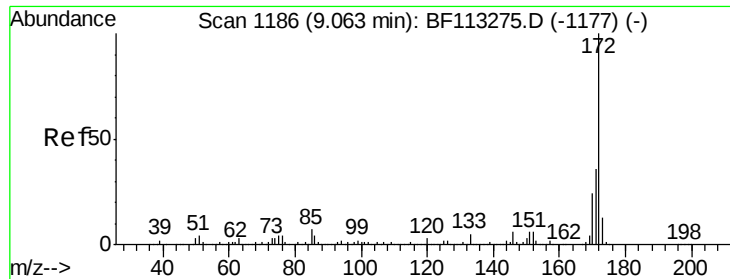
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#44
 2,4,5-Trichlorophenol
 Concen: 36.642 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	333701		
198	93.3	75.4	113.2	
97	49.3	38.6	58.0	
132	29.1	22.9	34.3	





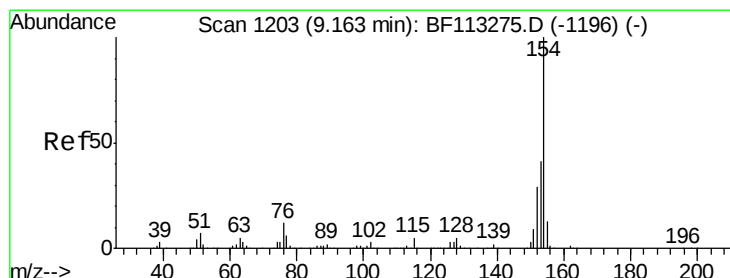
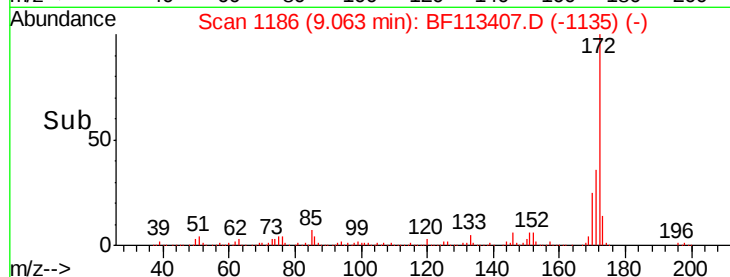
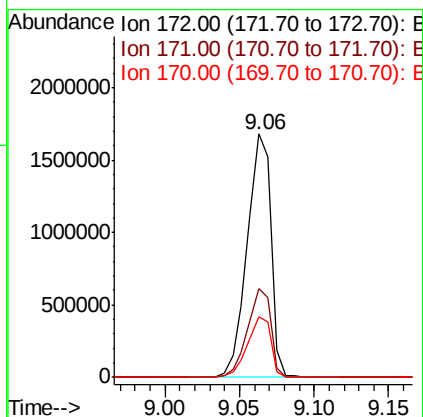
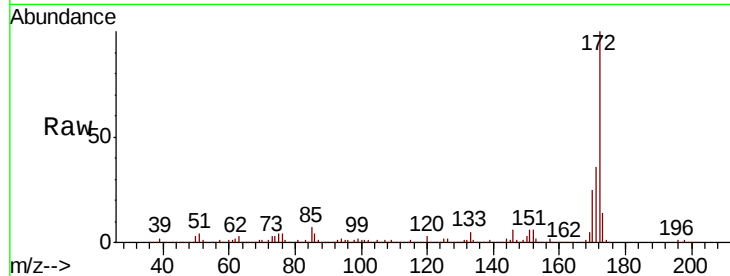
#45
2-Fluorobiphenyl
Concen: 70.483 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1846003
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.8 19.5 29.3

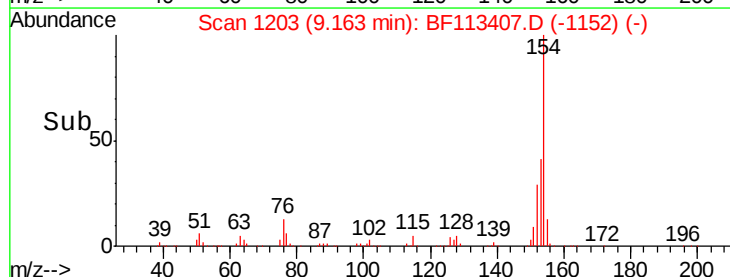
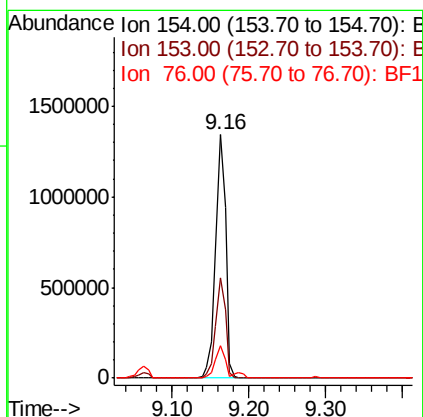
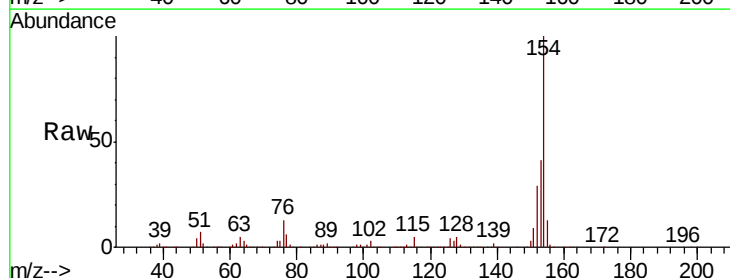
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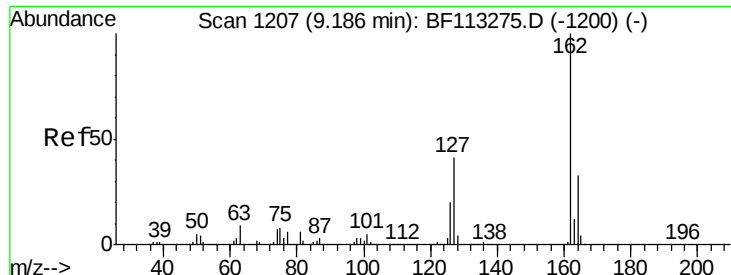
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4/1/2019 5:46:23 PM



#46
1,1'-Biphenyl
Concen: 36.197 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion:154 Resp: 1190150
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 13.3 0.0 31.9





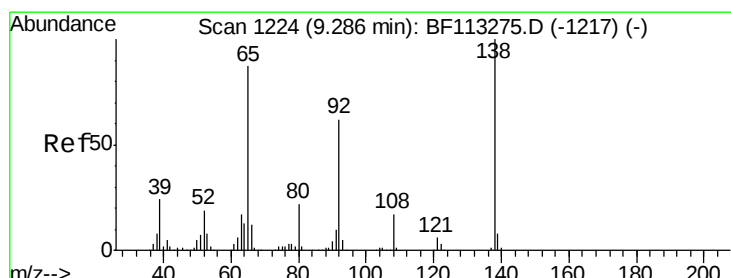
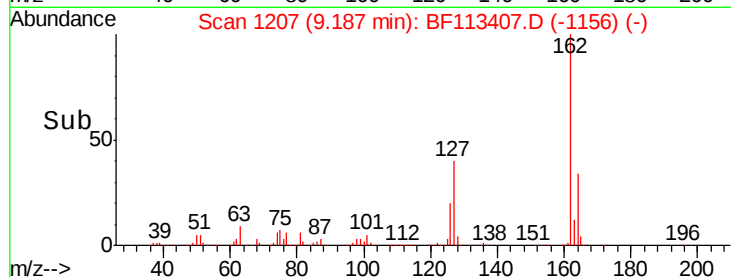
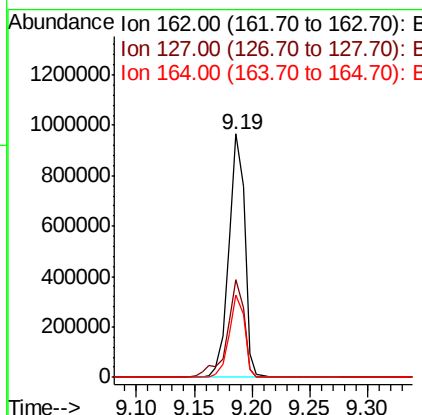
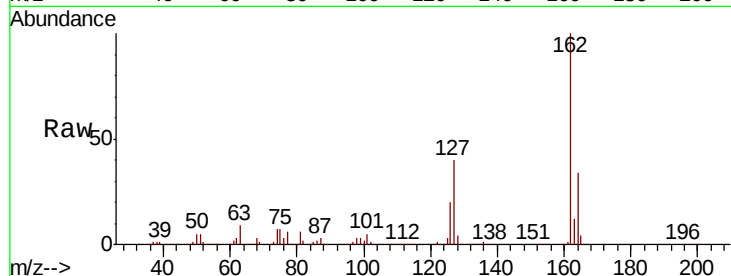
#47
 2-Chloronaphthalene
 Concen: 36.254 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	917802		
127	40.3	32.6	49.0	
164	33.6	26.6	39.8	

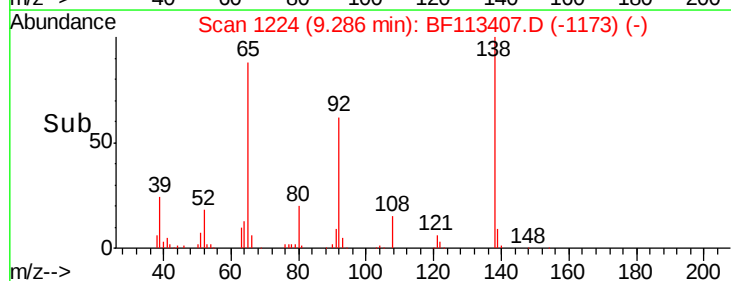
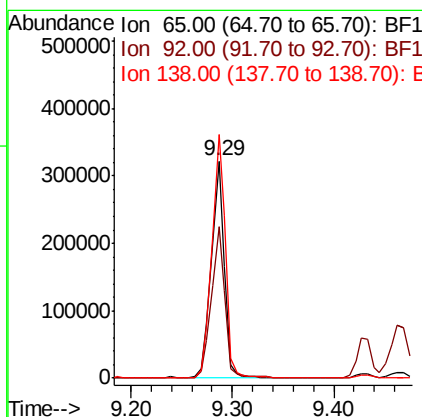
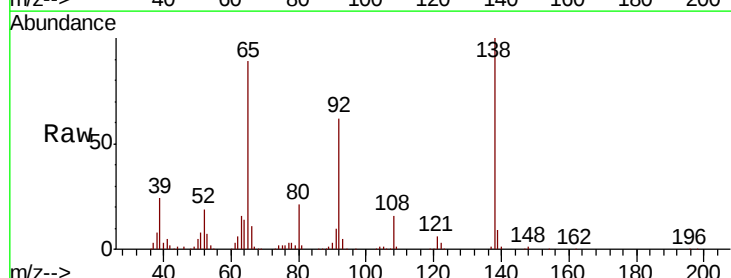
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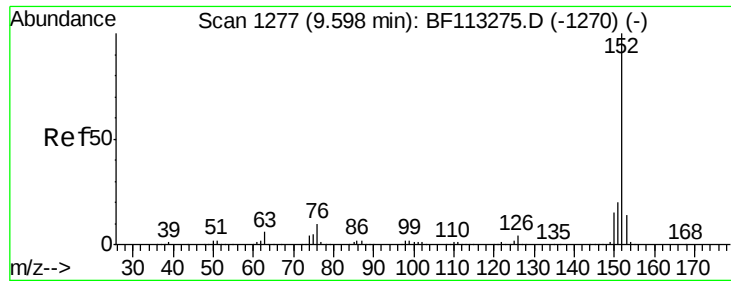
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 4/1/2019 5:46:23 PM



#48
 2-Nitroaniline
 Concen: 36.701 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	291570		
92	69.9	56.8	85.2	
138	112.1	92.3	138.5	





#49

Acenaphthylene

Concen: 36.634 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

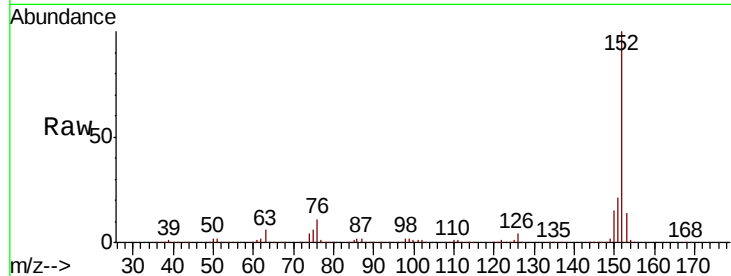
ClientSampleId :

SSTDCCC040

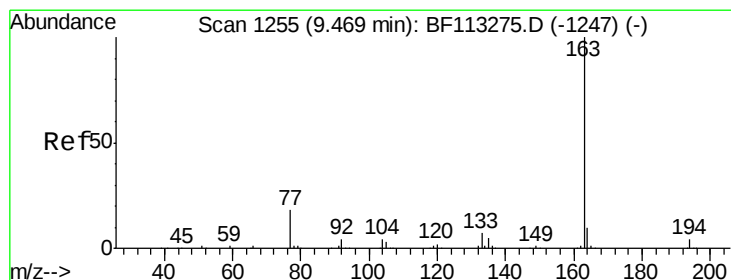
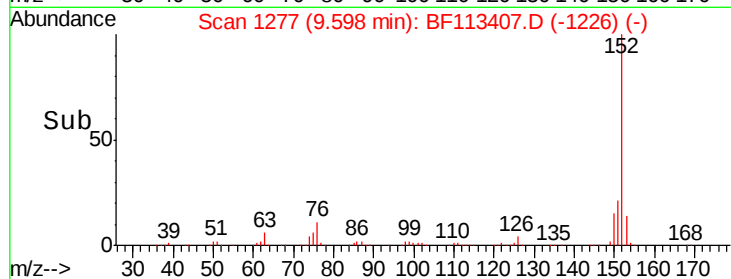
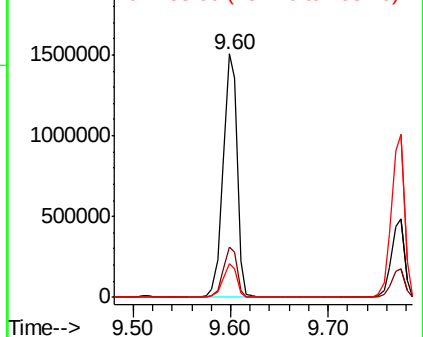
Tgt Ion:	152	Resp:	1499567
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	14.0	11.0	16.6

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4/1/2019 5:46:23 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: 37.801 ng

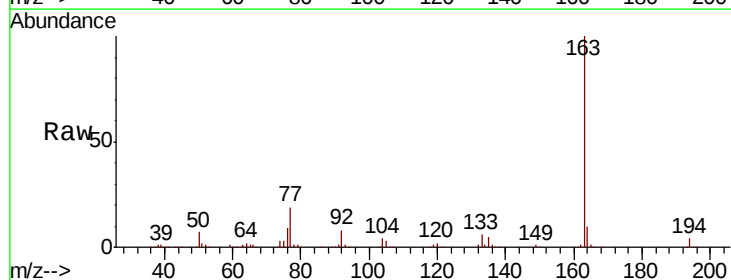
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

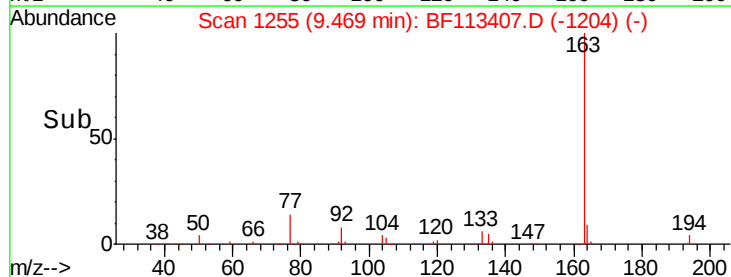
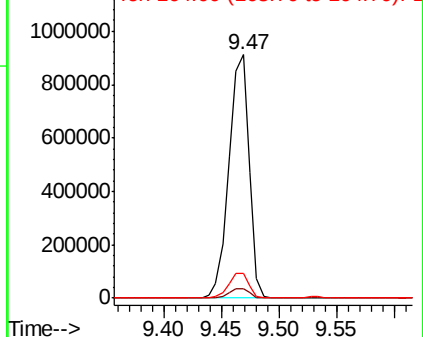
Lab File: BF113407.D

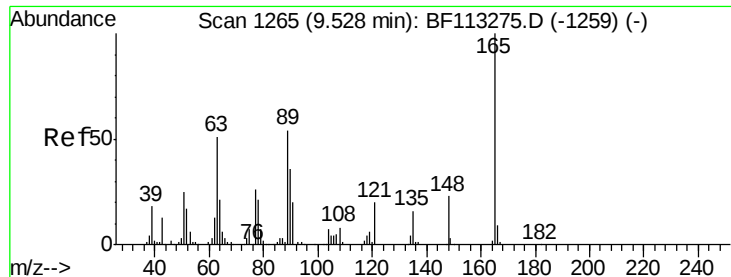
Acq: 29 Mar 2019 11:09

Tgt Ion:	163	Resp:	1102822
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	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





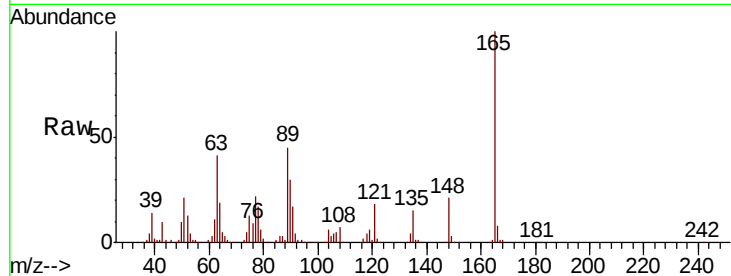
#51
2,6-Dinitrotoluene
Concen: 37.963 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

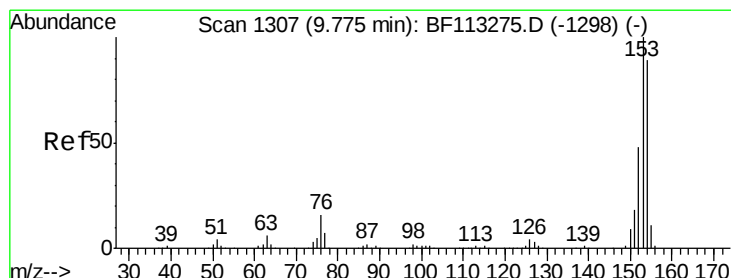
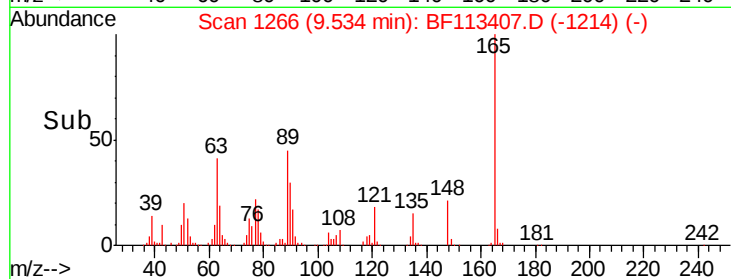
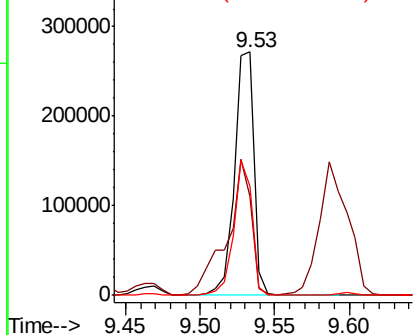
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249863		
63	40.9		43.4	65.0#
89	44.8		43.1	64.7

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4/1/2019 5:46:23 PM



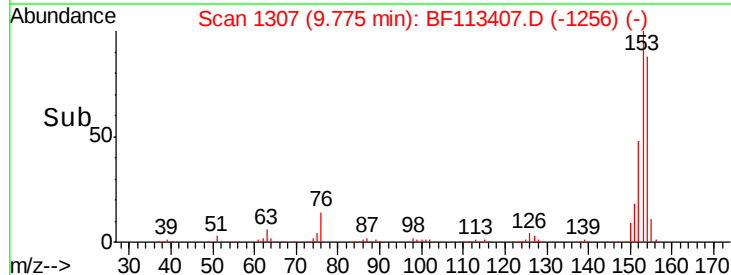
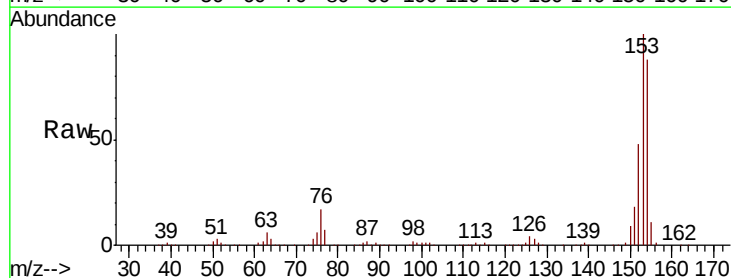
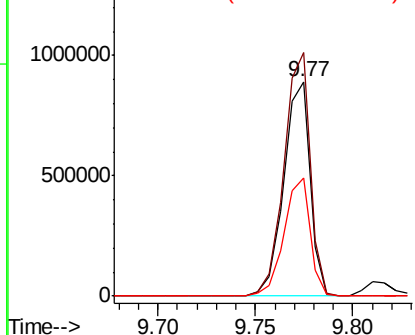
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

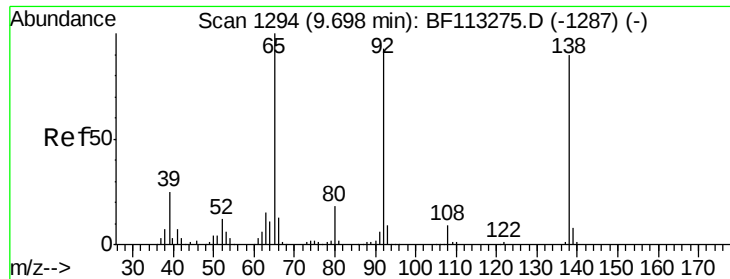


#52
Acenaphthene
Concen: 36.337 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	837626		
153	113.5		89.5	134.3
152	54.8		43.3	64.9

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





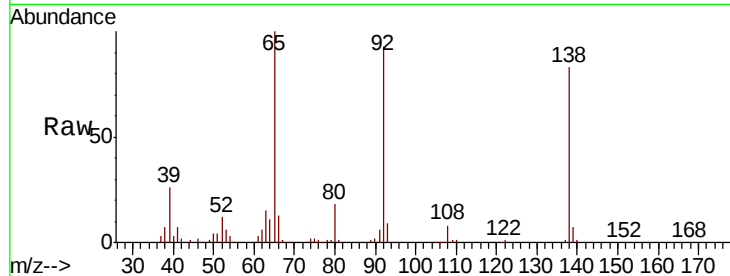
#53
3-Nitroaniline
Concen: 35.412 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

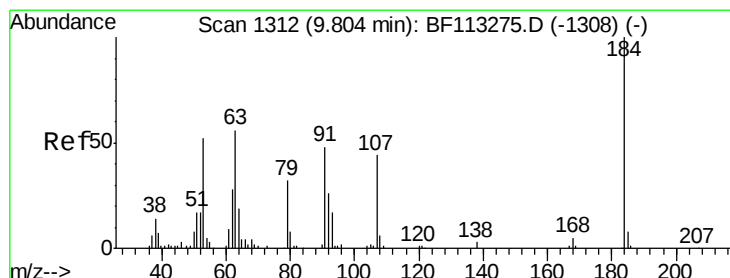
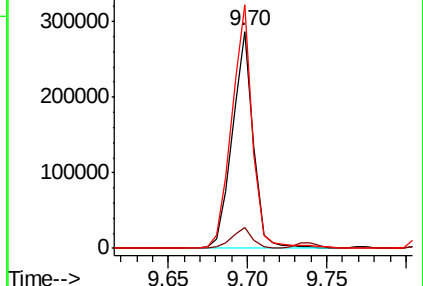
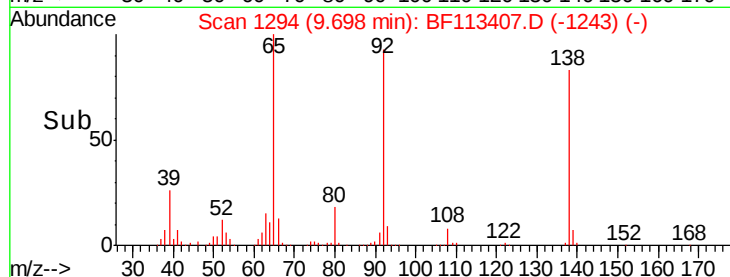
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	112.0	82.6	124.0

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4/1/2019 5:46:23 PM

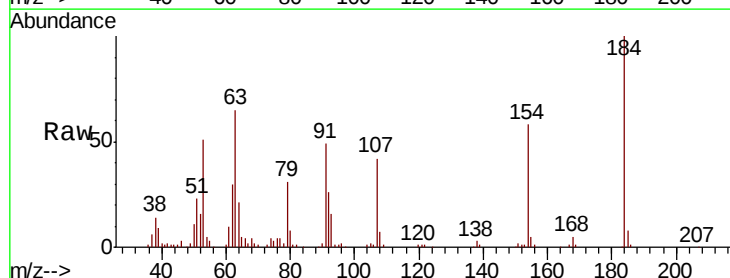


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

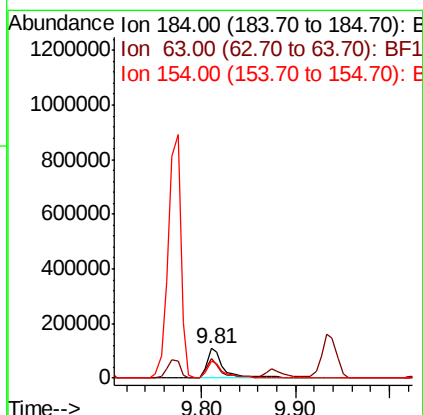
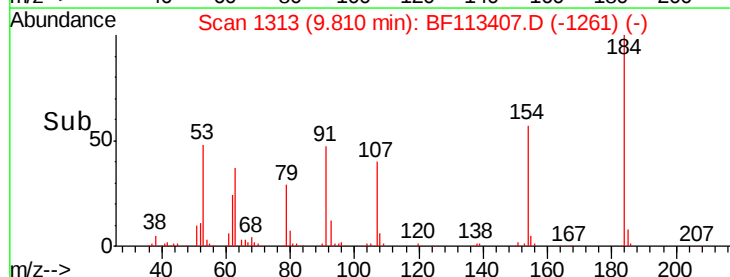


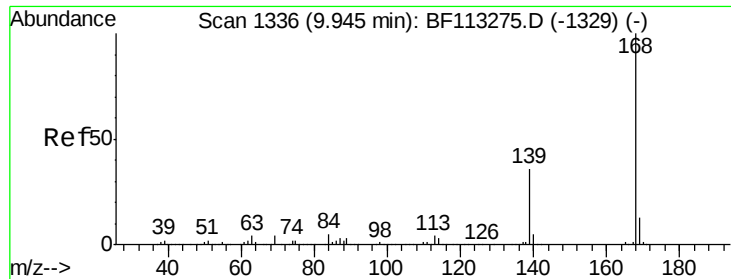
#54
2,4-Dinitrophenol
Concen: 41.507 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	54.3	81.5
154	57.7	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





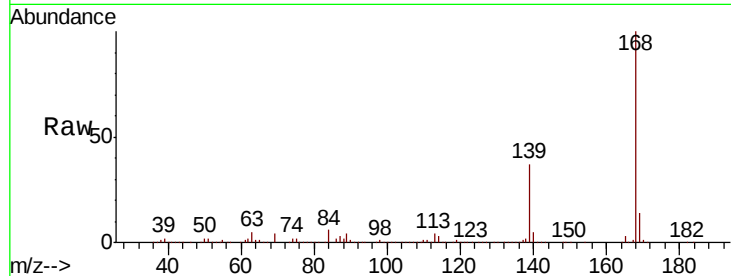
#55
Dibenzenofuran
Concen: 36.159 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

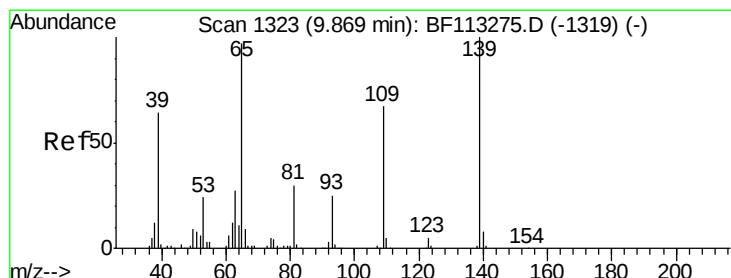
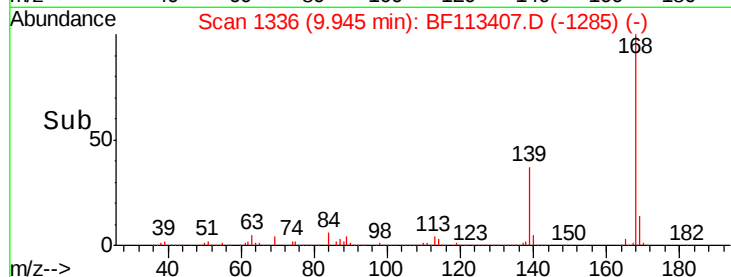
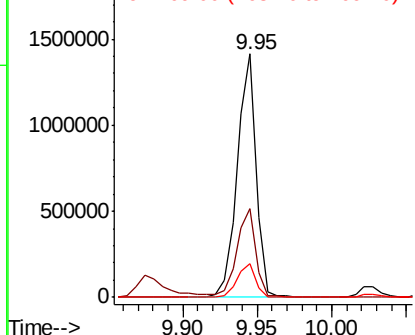
Tgt Ion:168 Resp: 1253080
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.6 10.7 16.1

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4/1/2019 5:46:23 PM

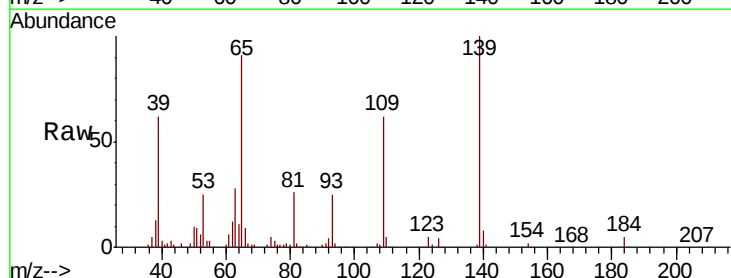


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

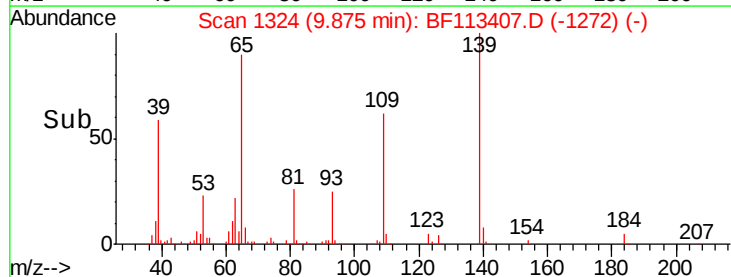
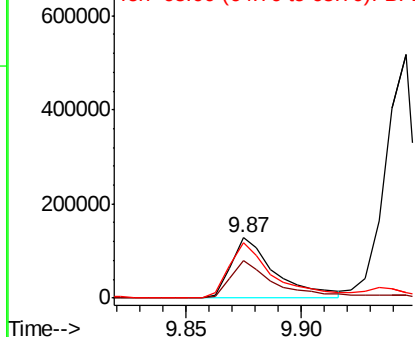


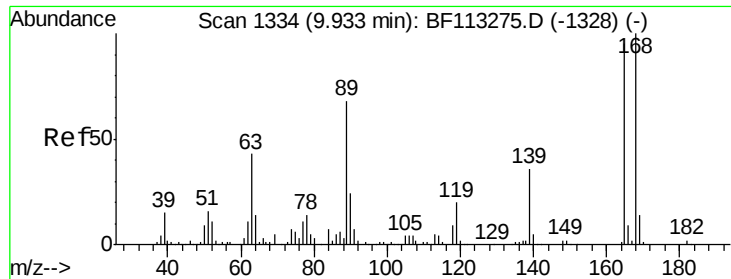
#56
4-Nitrophenol
Concen: 32.530 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion:139 Resp: 172139
Ion Ratio Lower Upper
139 100
109 61.7 46.9 86.9
65 91.0 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





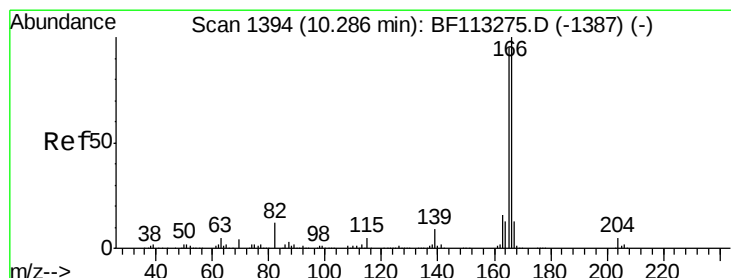
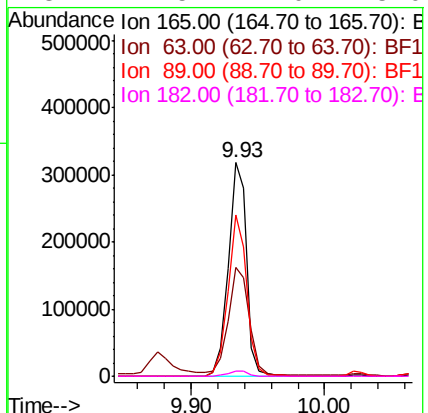
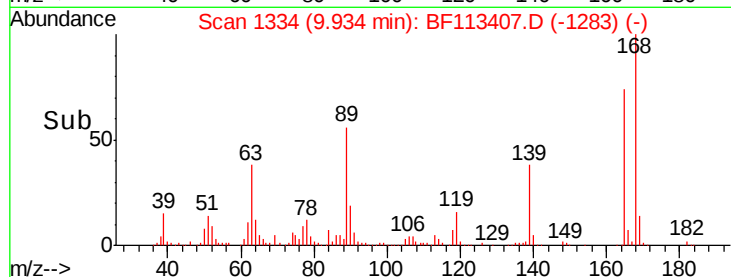
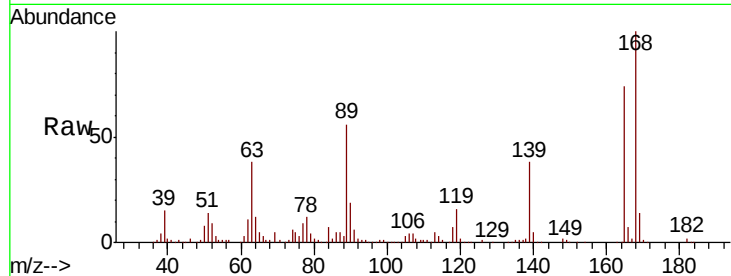
#57
 2,4-Dinitrotoluene
 Concen: 36.567 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	306061		
63	51.1	37.5	56.3	
89	75.4	57.4	86.2	
182	2.5	2.0	3.0	

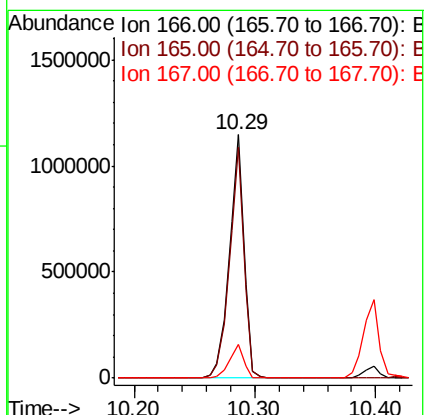
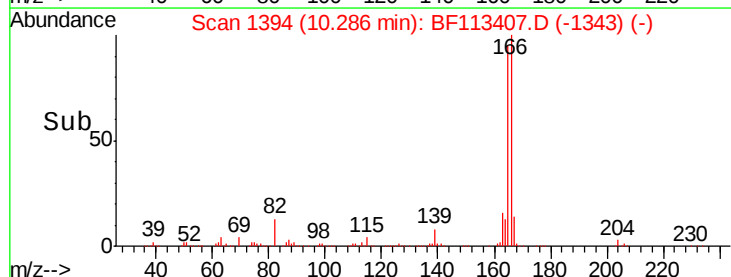
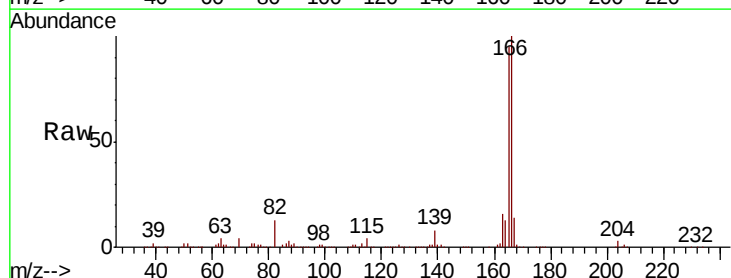
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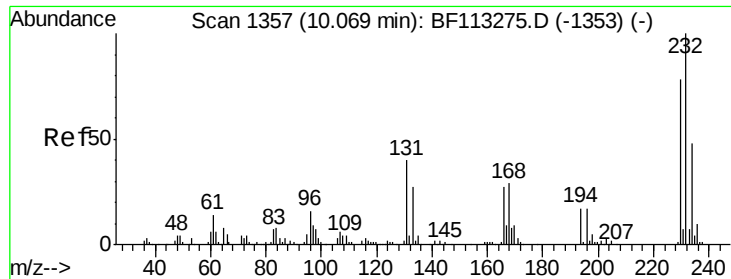
Sohil
 4/1/2019 5:46:23 PM



#58
 Fluorene
 Concen: 35.914 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	966838		
165	94.7	76.2	114.2	
167	13.8	10.7	16.1	





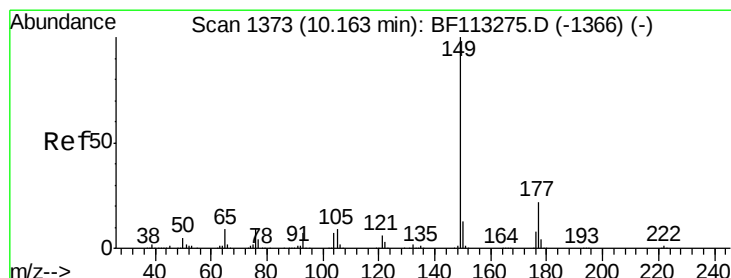
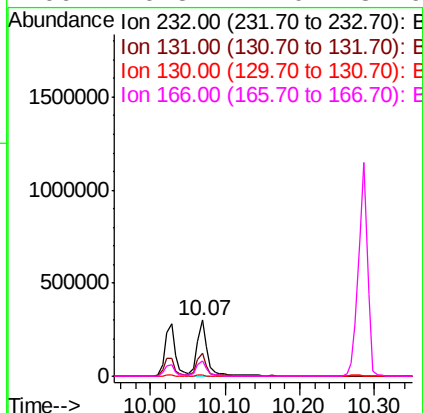
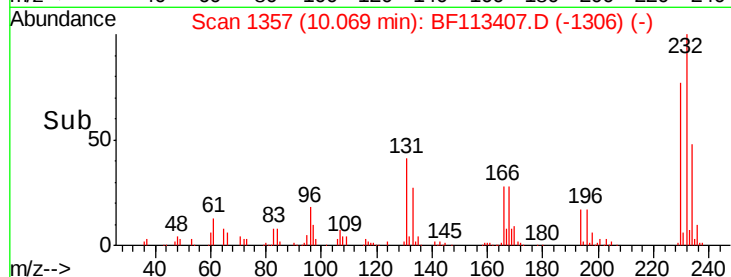
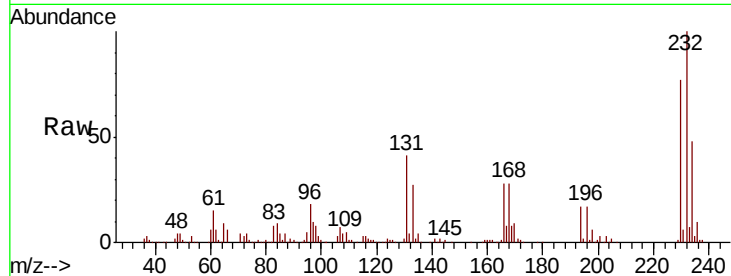
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.669 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	297807		
131	38.7	33.2	49.8	
130	1.7	1.6	2.4	
166	26.8	21.0	31.6	

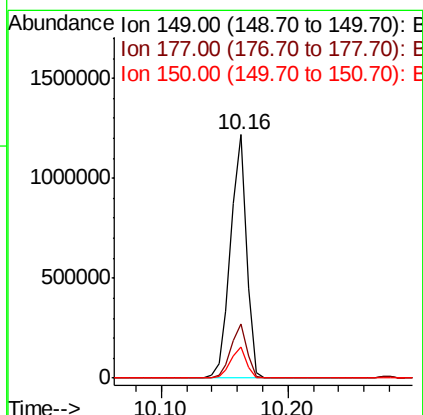
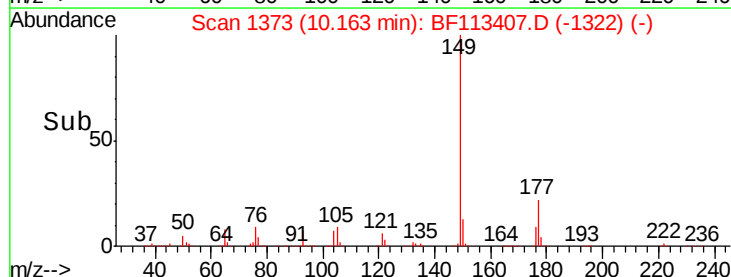
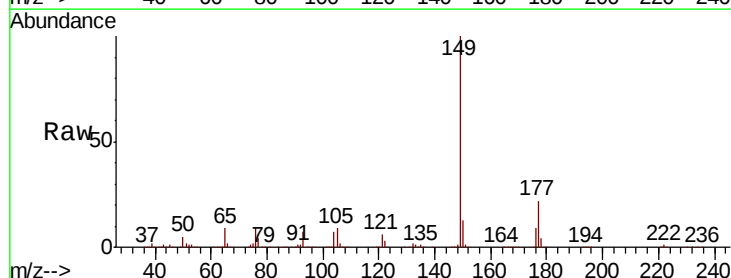
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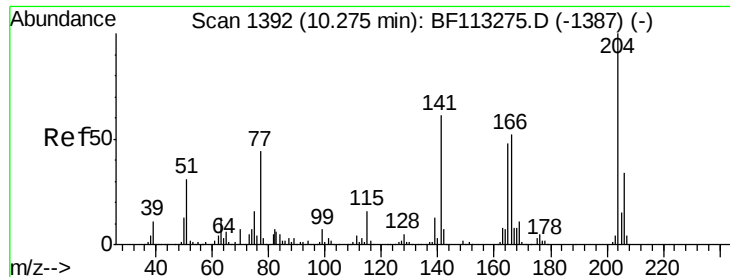
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#60
 Diethylphthalate
 Concen: 37.096 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1061682		
177	22.5	17.4	26.0	
150	12.7	10.0	15.0	





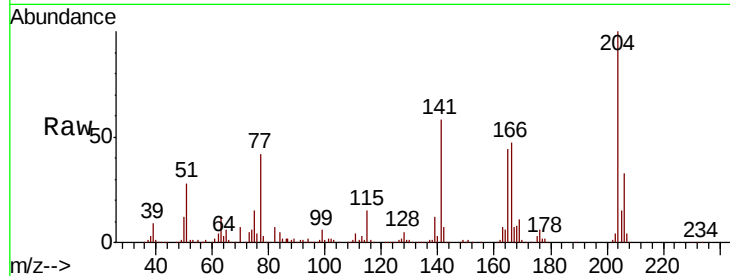
#61
 4-Chlorophenyl-phenylether
 Concen: 37.318 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	489649		
206	32.9	26.9	40.3	
141	57.5	48.8	73.2	

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 4/1/2019 5:46:23 PM

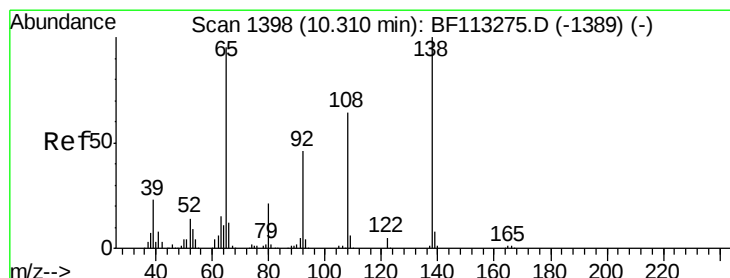
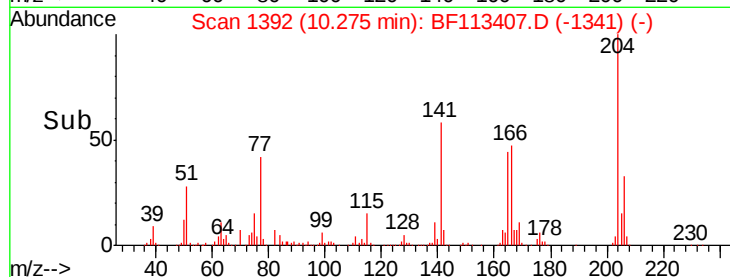
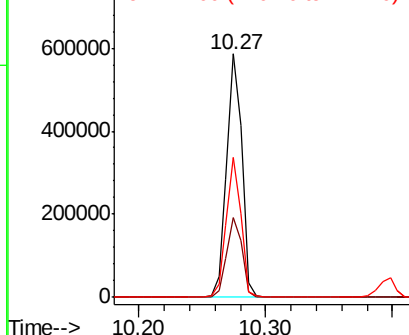


Abundance

Ion 204.00 (203.70 to 204.70): E

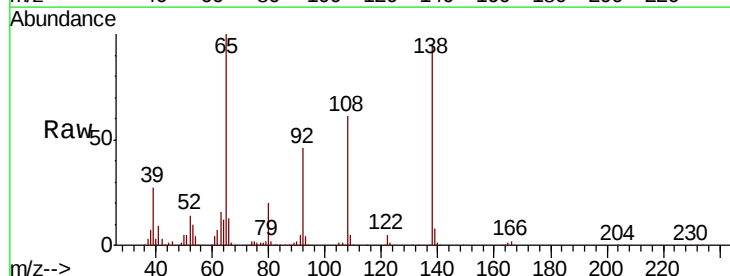
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.015 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	290510		
92	48.1	25.8	65.8	
108	63.9	44.0	84.0	

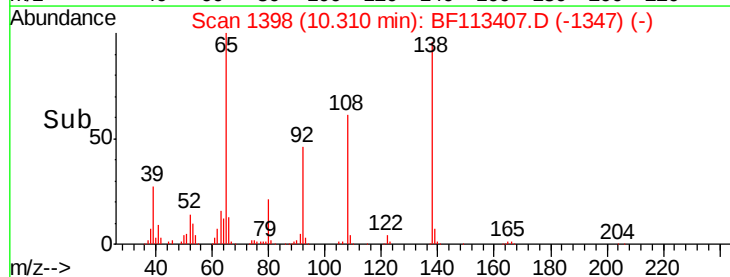
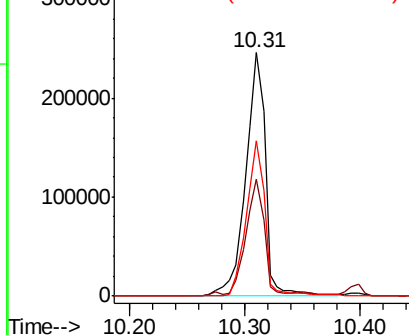


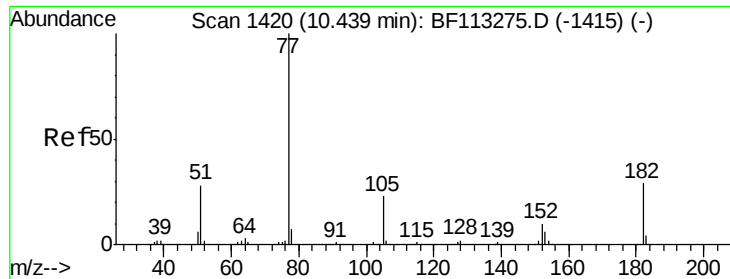
Abundance

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





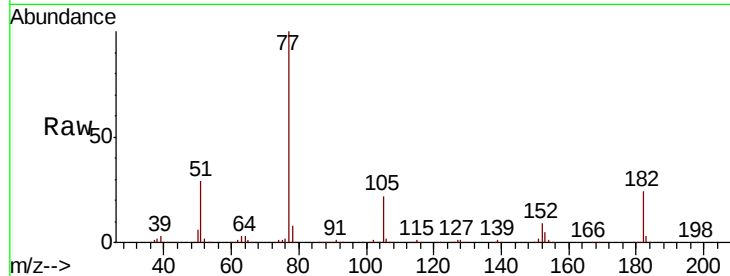
#63
Azobenzene
Concen: 37.917 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

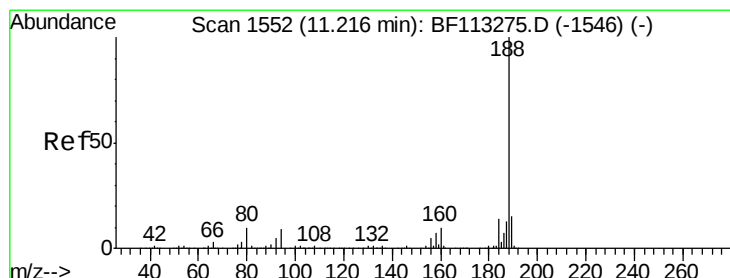
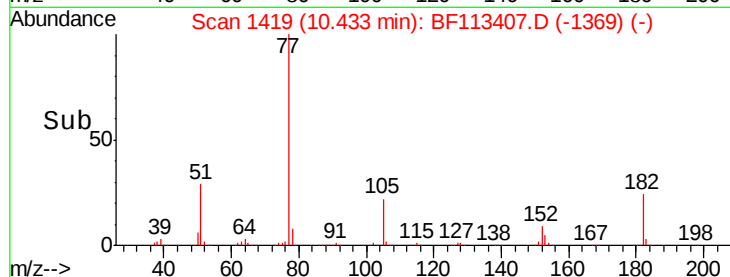
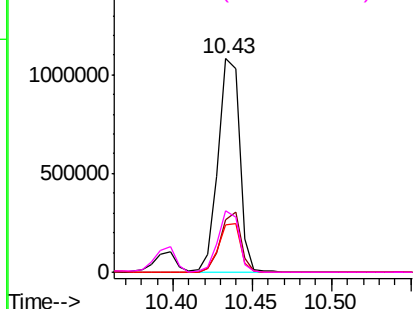
Tgt Ion: 77 Resp: 1021519
Ion Ratio Lower Upper
77 100
182 24.3 8.7 48.7
105 22.5 2.9 42.9
51 28.8 8.8 48.8

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4/1/2019 5:46:23 PM



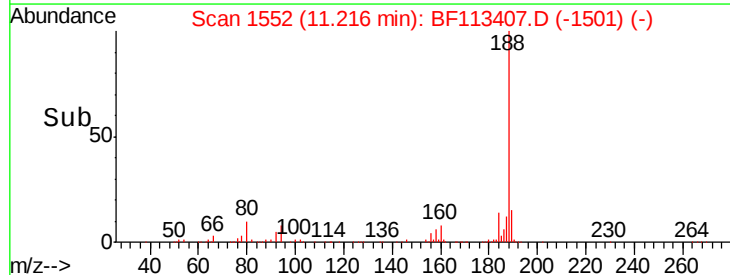
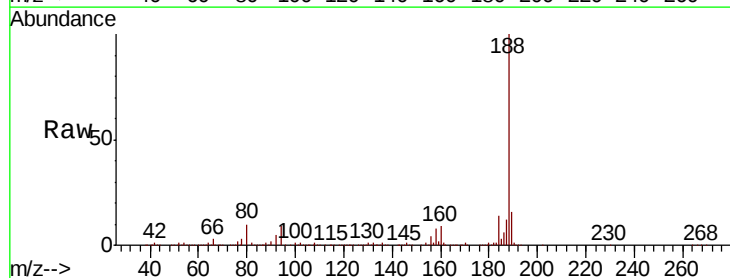
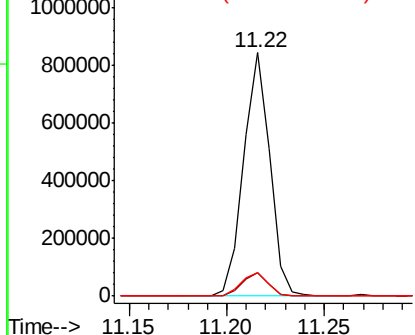
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion: 188 Resp: 789122
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.7 11.5

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





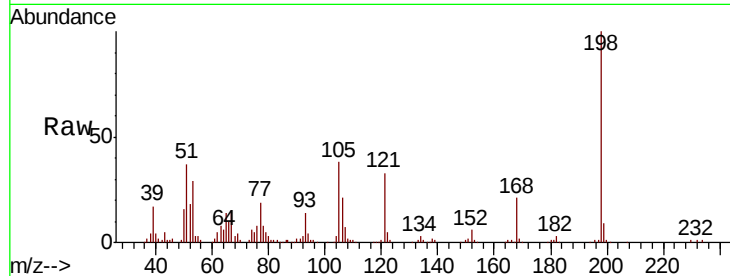
#65
4,6-Dinitro-2-methylphenol
Concen: 34.486 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.4	21.6	61.6
105	38.5	20.6	60.6

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4/1/2019 5:46:23 PM

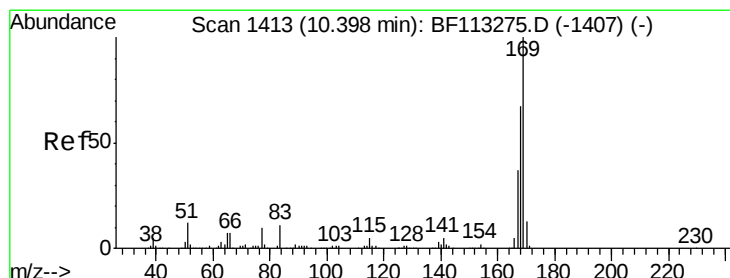
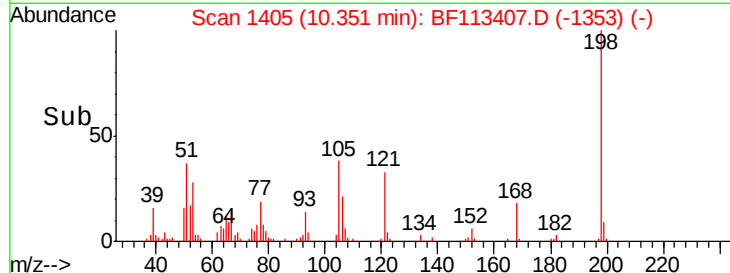
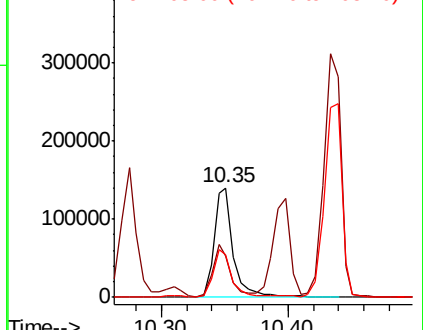


Abundance

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: 36.469 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

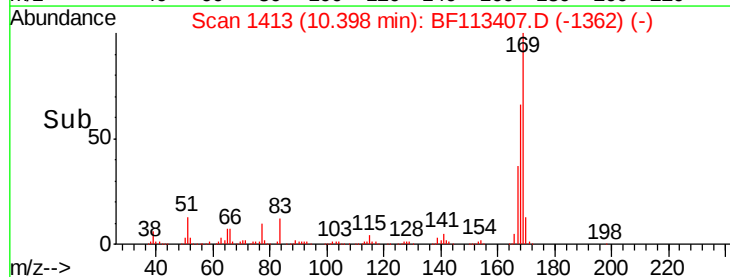
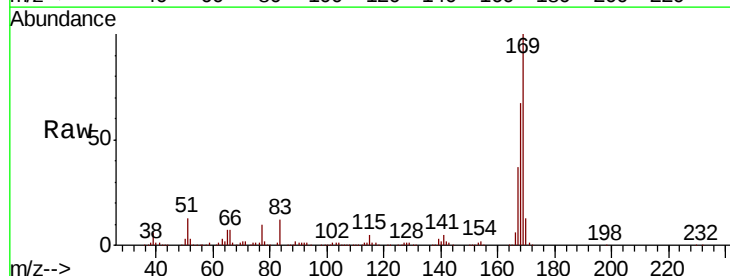
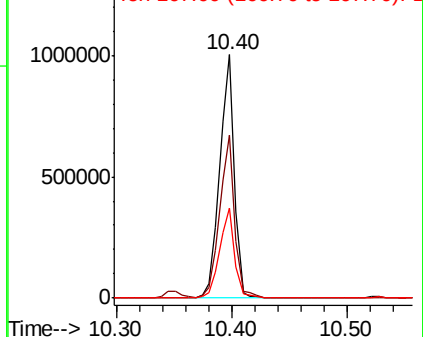
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	36.9	29.5	44.3

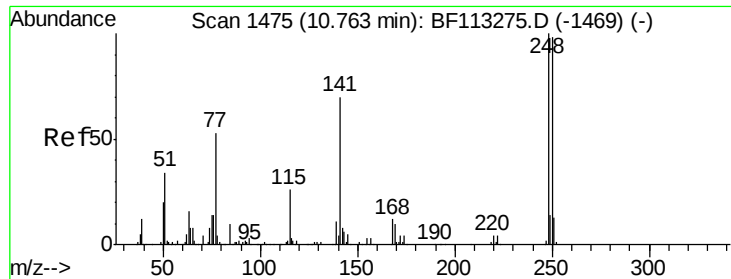
Abundance

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





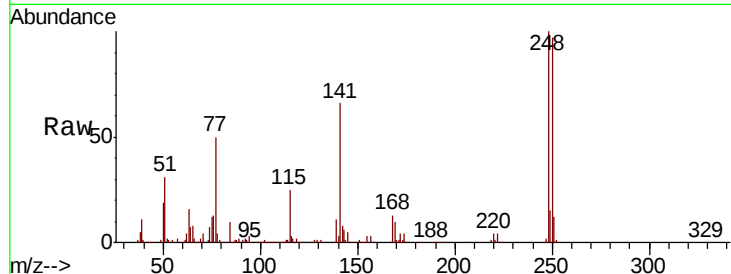
#67
4-Bromophenyl-phenylether
Concen: 38.428 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.3	117.5
141	65.8	56.2	84.4

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4/1/2019 5:46:23 PM

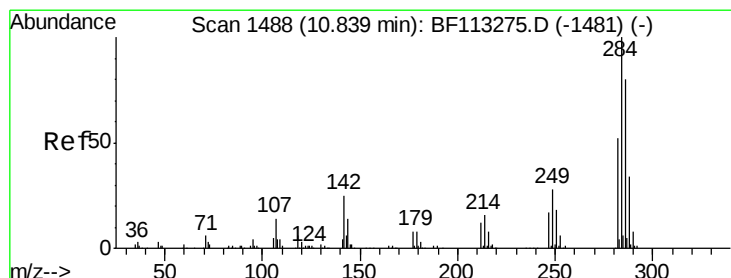
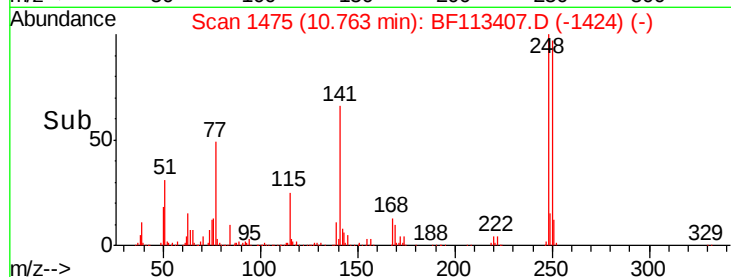
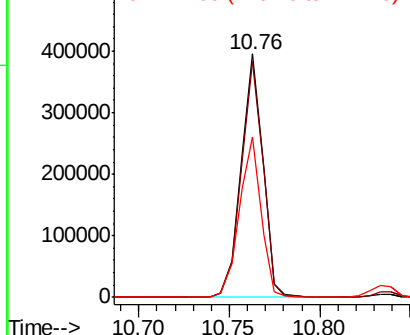


Abundance

Ion 248.00 (247.70 to 248.70): E

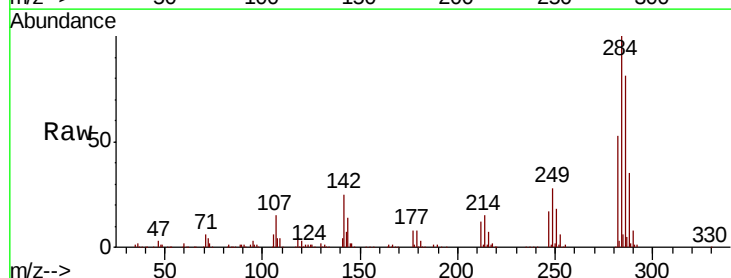
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.990 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.1	30.1
249	27.8	22.7	34.1

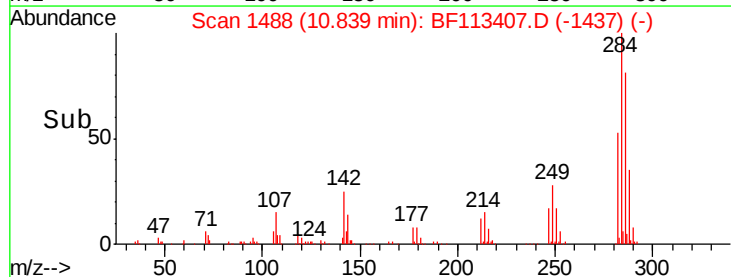
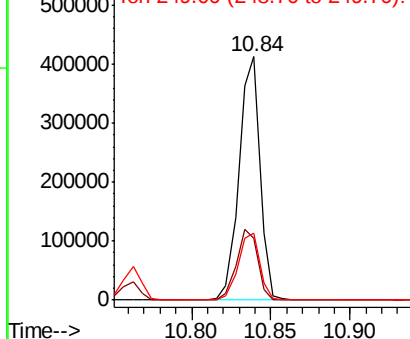


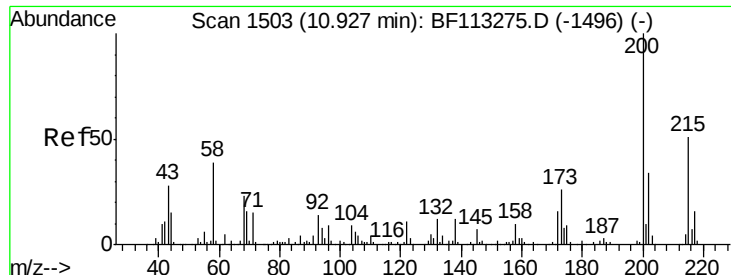
Abundance

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





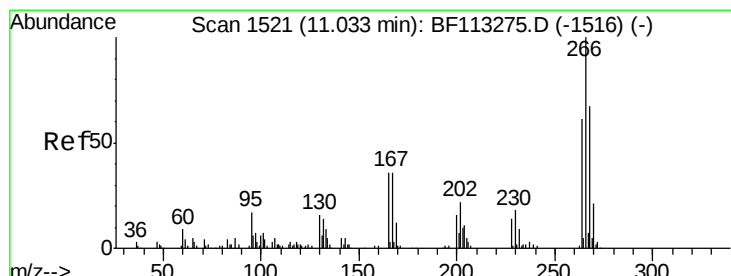
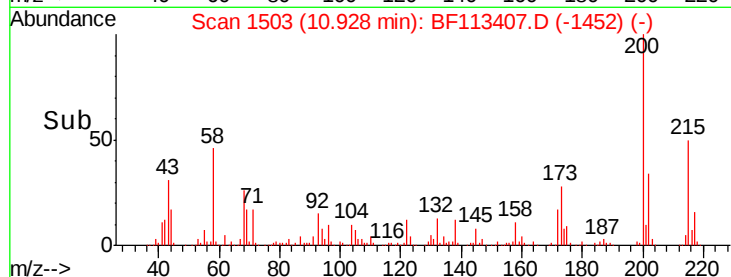
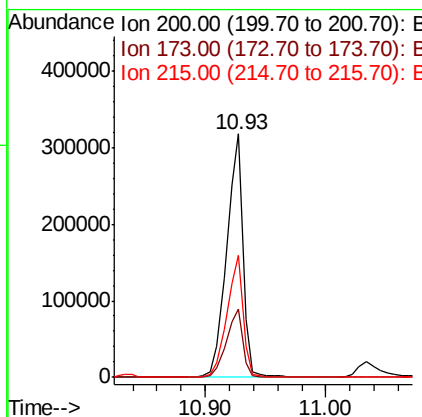
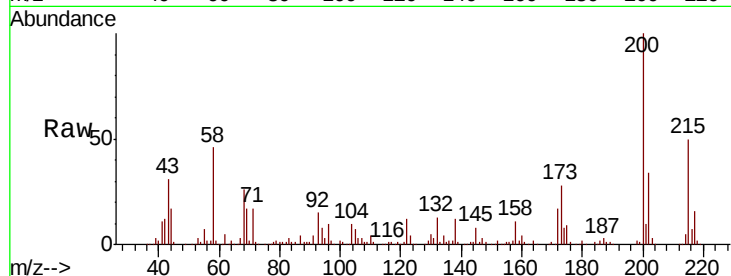
#69
Atrazine
Concen: 38.973 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	297869		
173	27.9	6.0	46.0	
215	49.9	31.3	71.3	

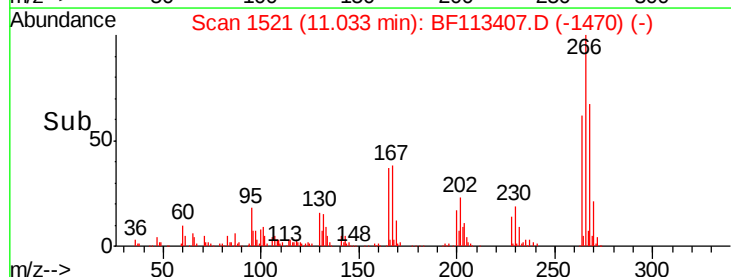
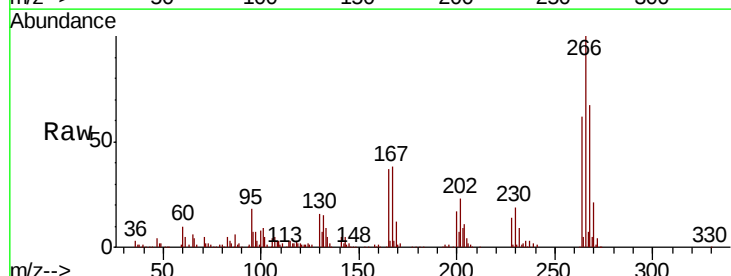
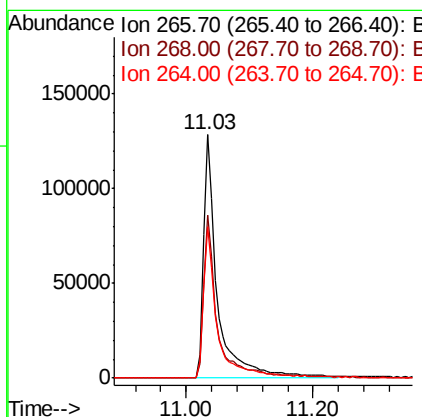
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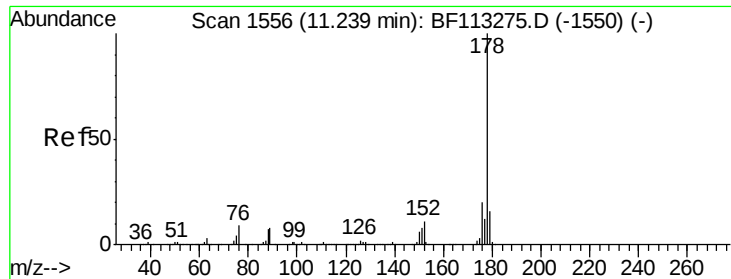
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4/1/2019 5:46:23 PM



#70
Pentachlorophenol
Concen: 37.631 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	195731		
268	66.8	53.8	80.6	
264	62.0	49.2	73.8	





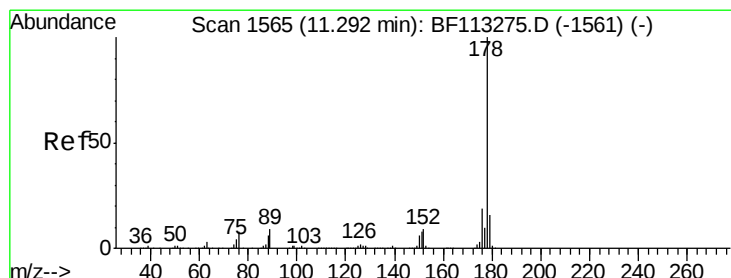
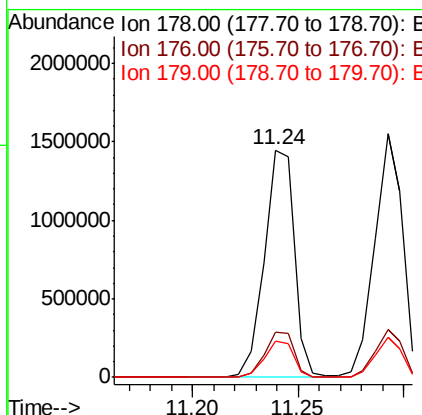
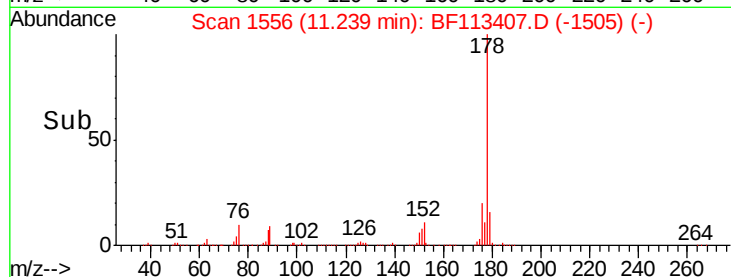
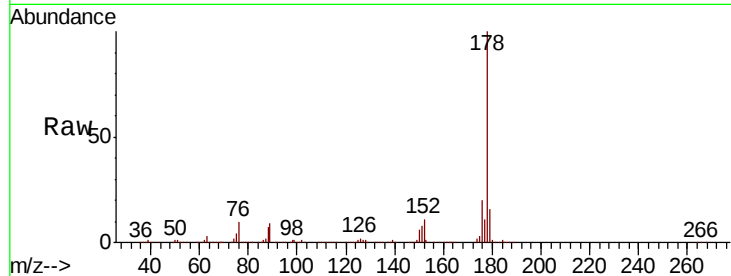
#71
Phenanthrene
Concen: 36.572 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1433200
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.1 12.7 19.1

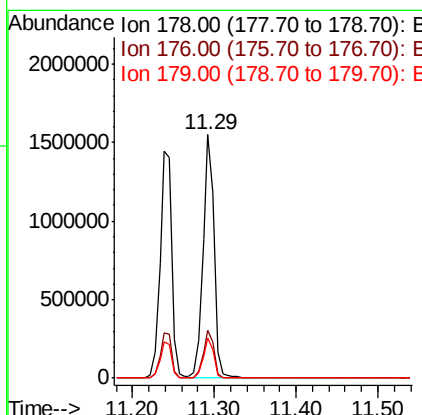
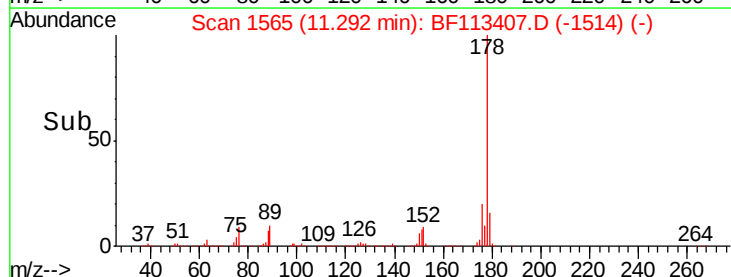
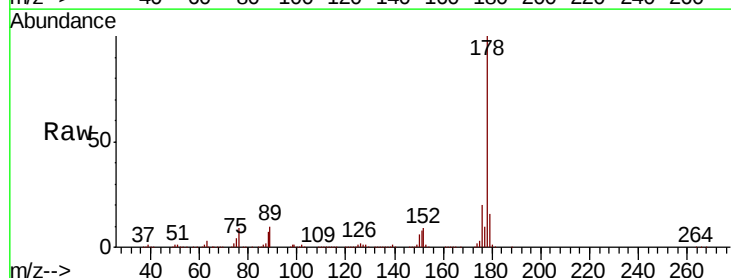
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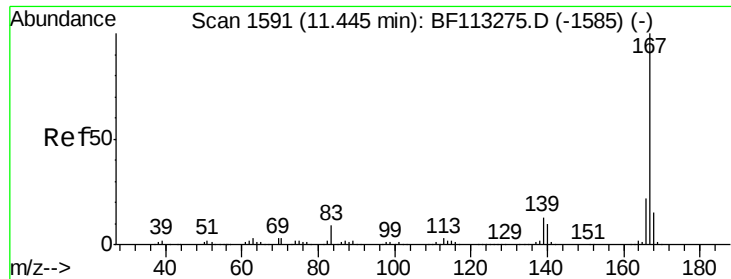
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4/1/2019 5:46:23 PM



#72
Anthracene
Concen: 36.902 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion:178 Resp: 1468867
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.5 12.8 19.2





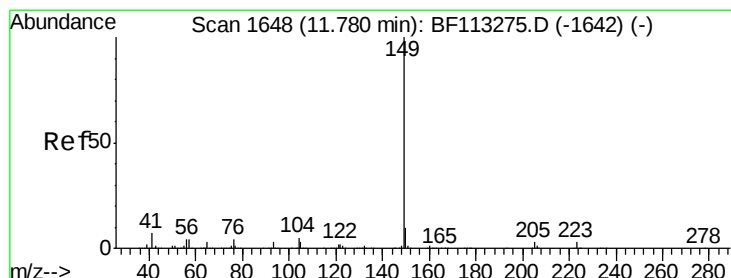
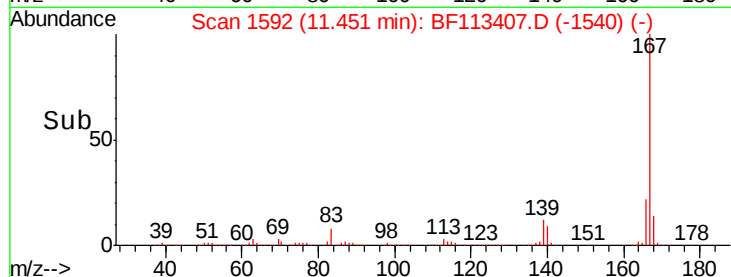
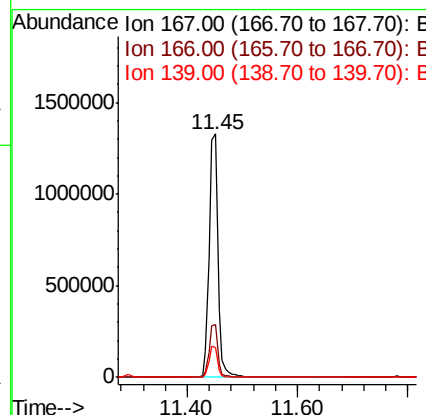
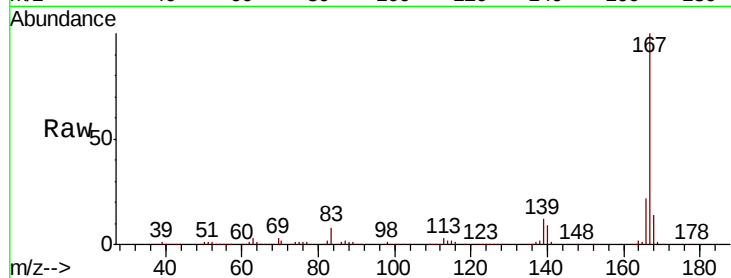
#73
 Carbazole
 Concen: 37.612 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1428600
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.4 10.4 15.6

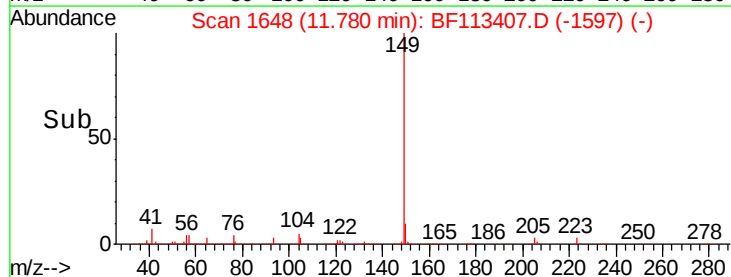
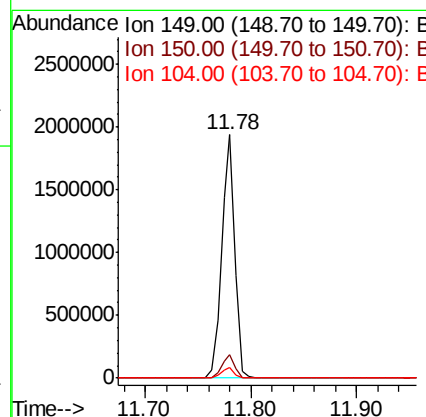
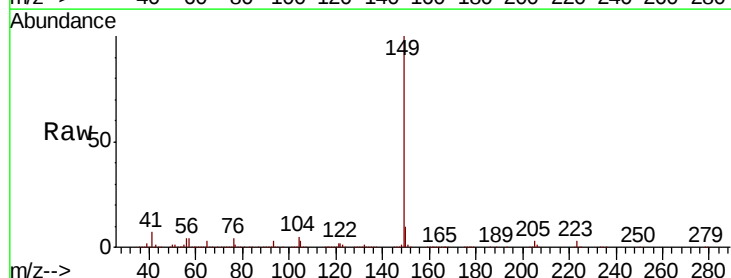
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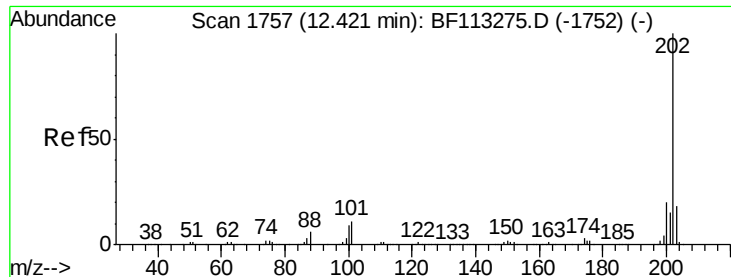
Sohil
 4/1/2019 5:46:23 PM



#74
 Di-n-butylphthalate
 Concen: 38.570 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion:149 Resp: 1698829
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.5 3.7 5.5





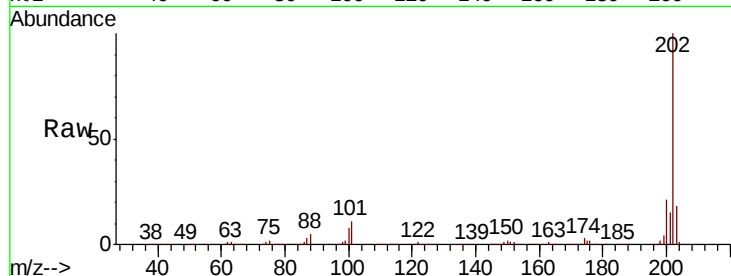
#75
Fluoranthene
Concen: 35.521 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

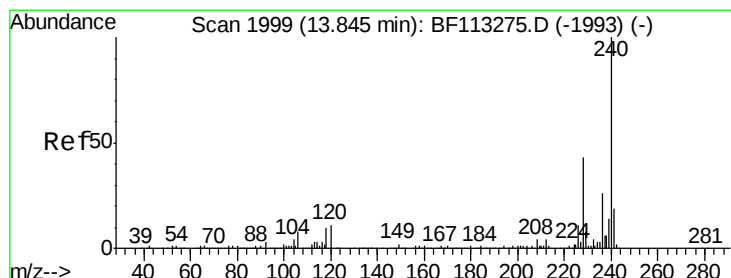
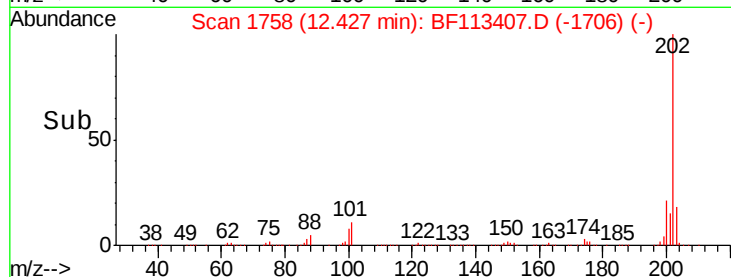
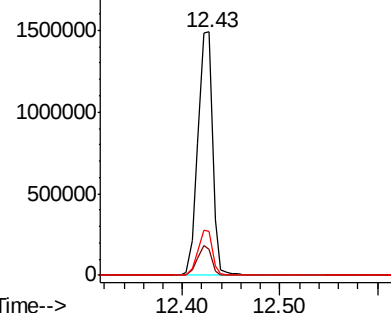
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	18.1	0.0	38.0

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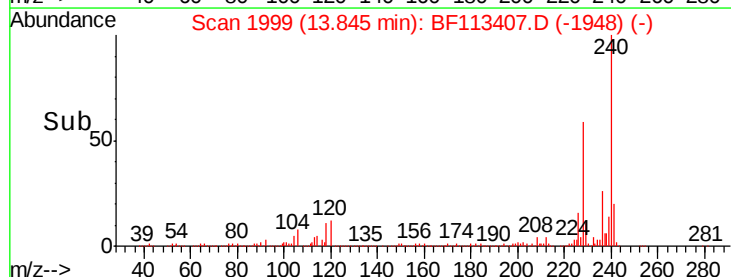
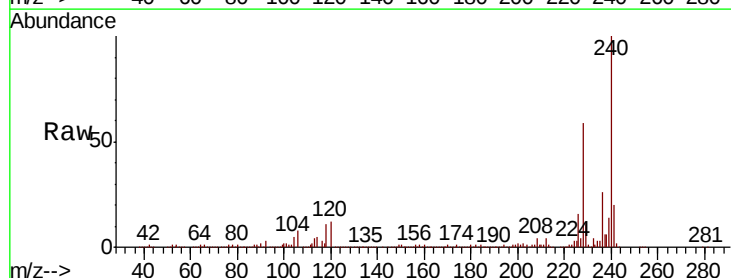
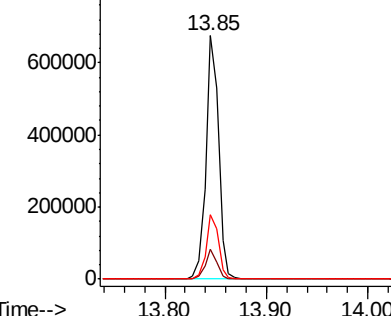
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

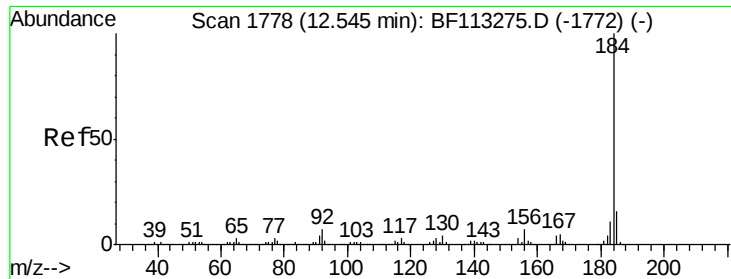


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.8	13.2
236	26.3	20.9	31.3

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





#77

Benzidine

Concen: 23.471 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

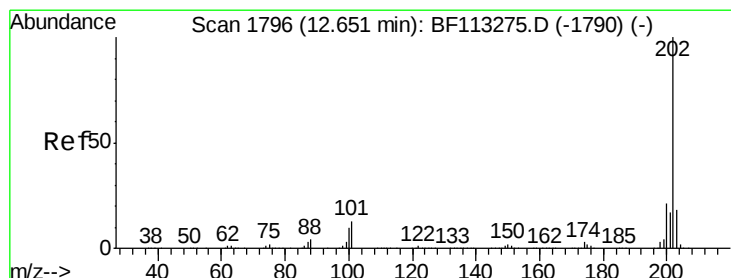
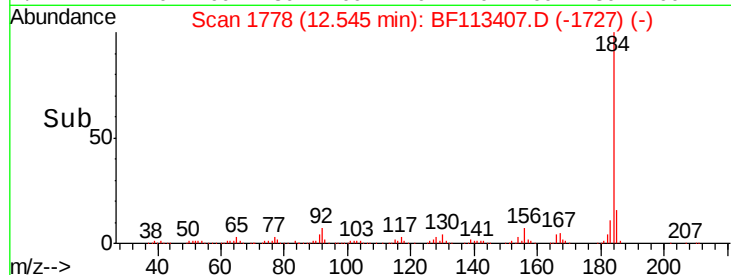
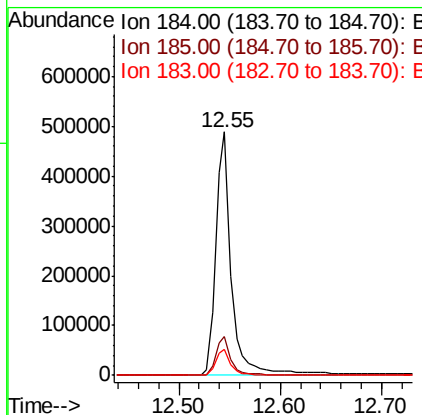
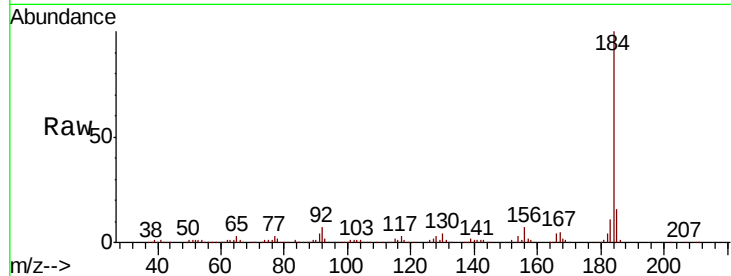
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	525898
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.0	19.6
183	10.7	9.0	13.4

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4/1/2019 5:46:23 PM



#78

Pyrene

Concen: 39.115 ng

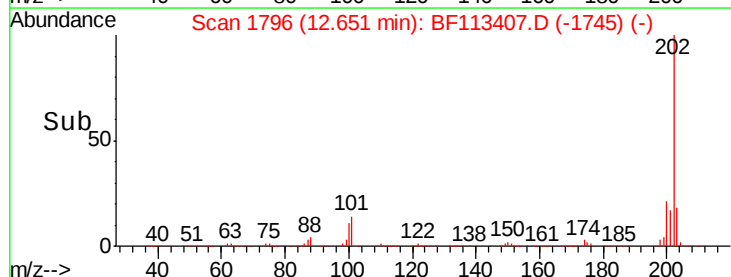
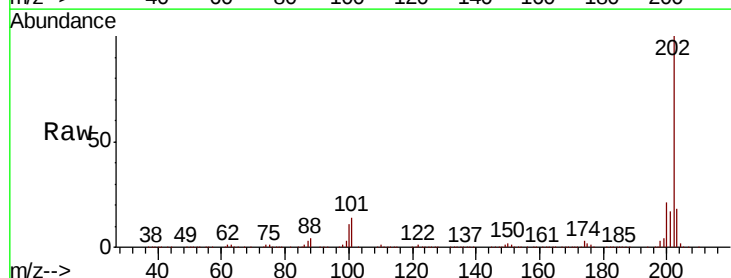
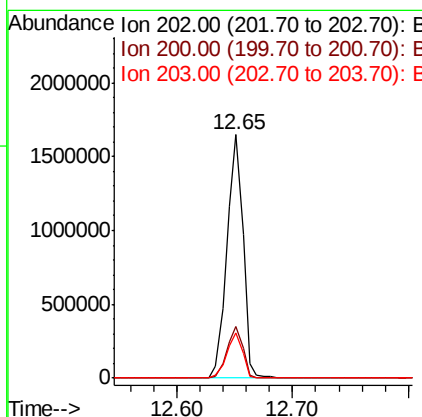
RT: 12.65 min Scan# 1796

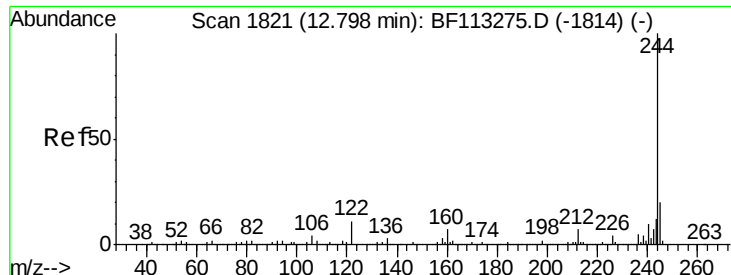
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	202	Resp:	1585911
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	18.4	14.4	21.6





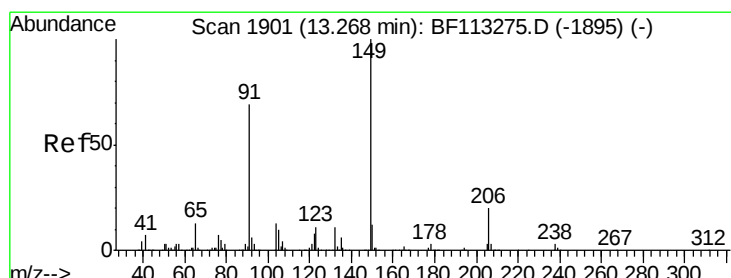
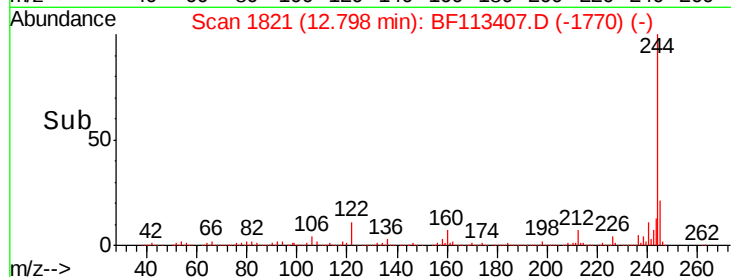
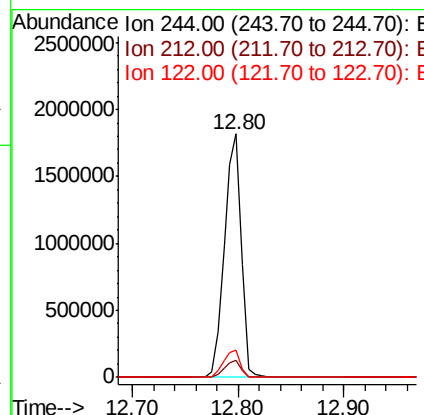
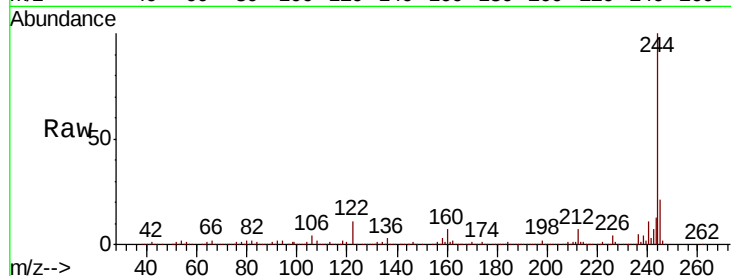
#79
 Terphenyl-d14
 Concen: 76.447 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.3	8.6	13.0

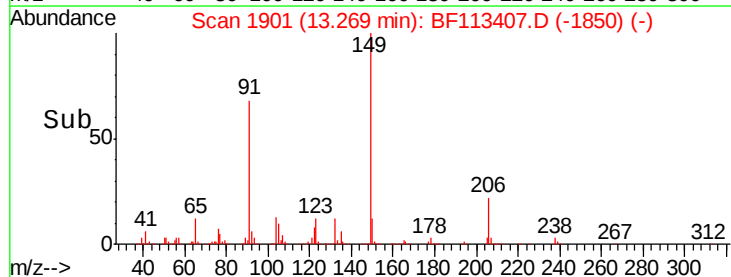
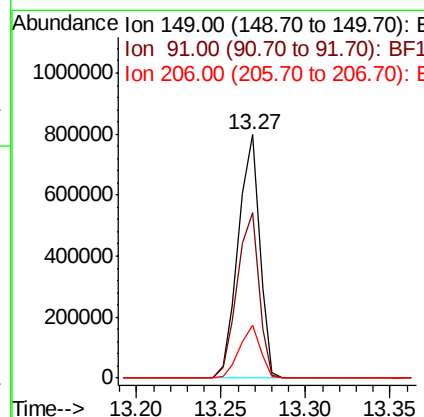
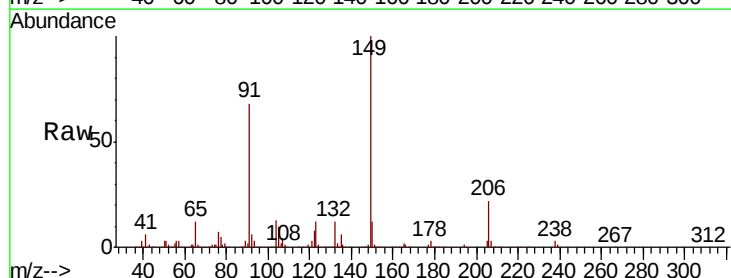
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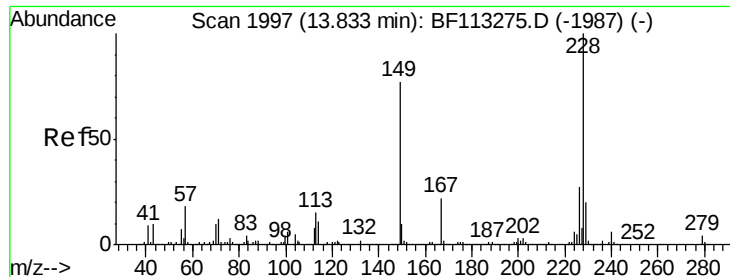
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 4/1/2019 5:46:23 PM



#80
 Butylbenzylphthalate
 Concen: 39.608 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113407.D
 Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	55.2	82.8
206	21.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 36.328 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

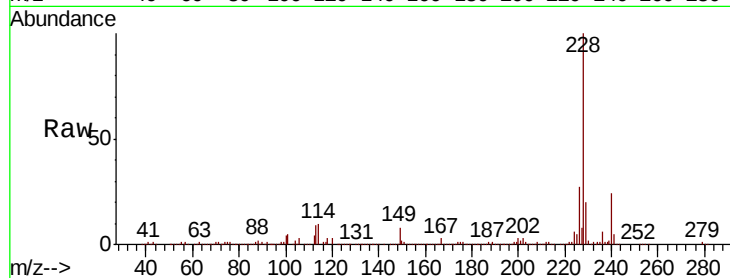
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1216682
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.1	16.2	24.4

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4/1/2019 5:46:23 PM

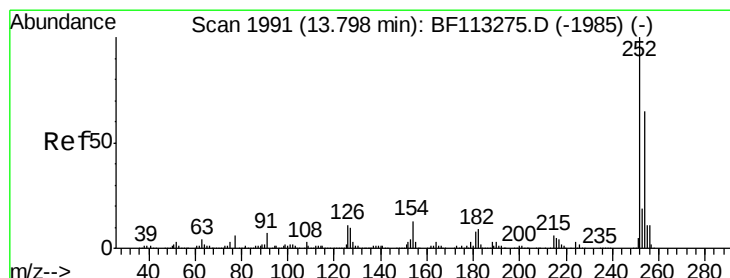
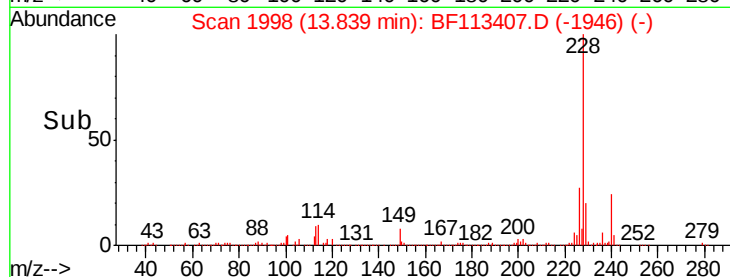
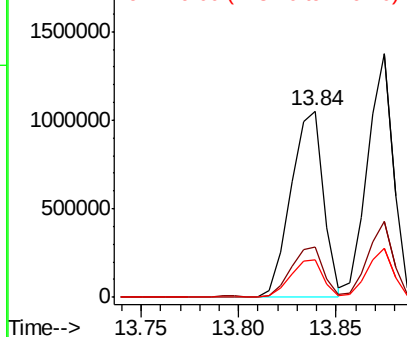


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.565 ng

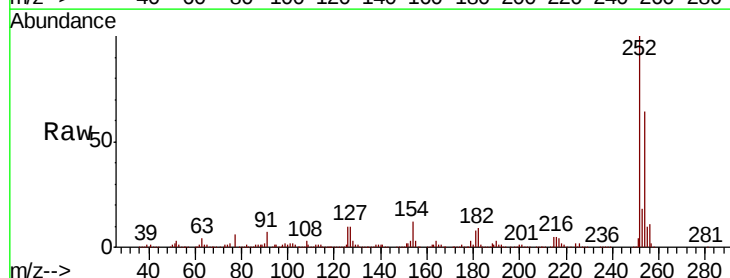
RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	252	Resp:	531586
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.2	78.2
126	10.2	8.5	12.7

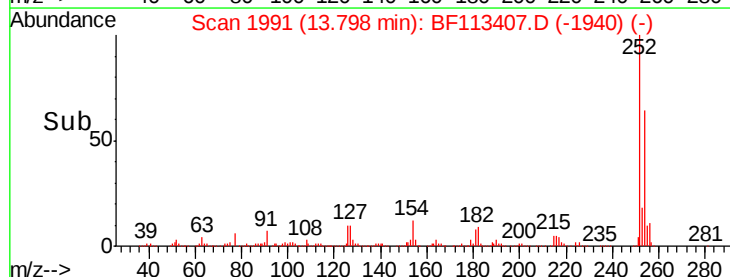
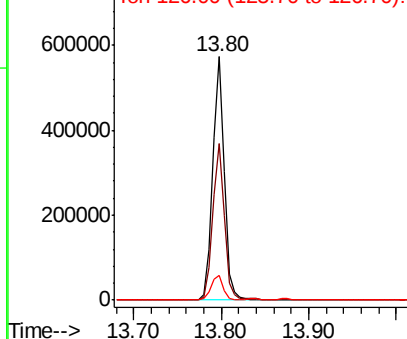


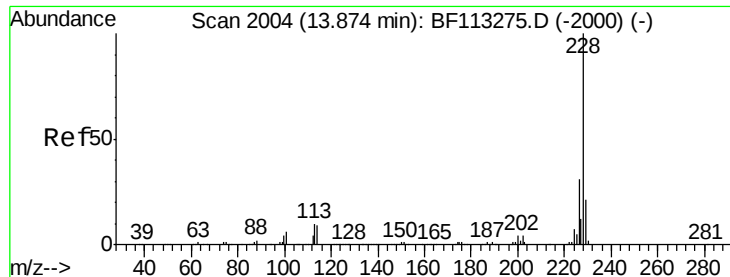
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





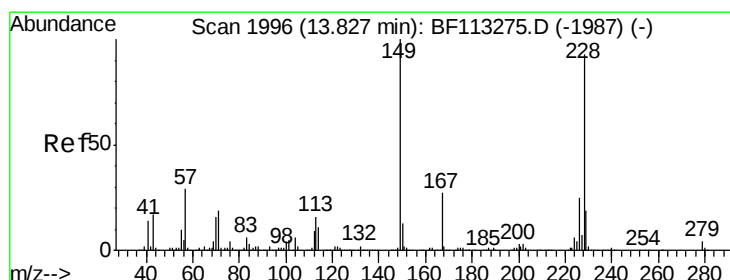
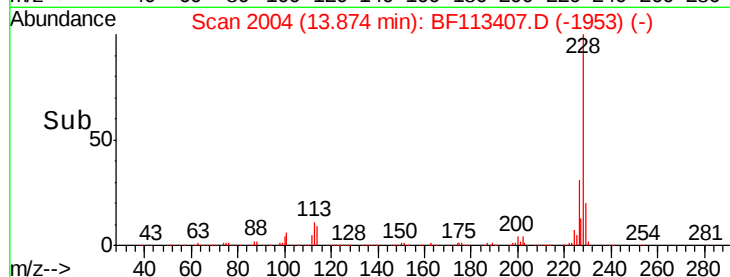
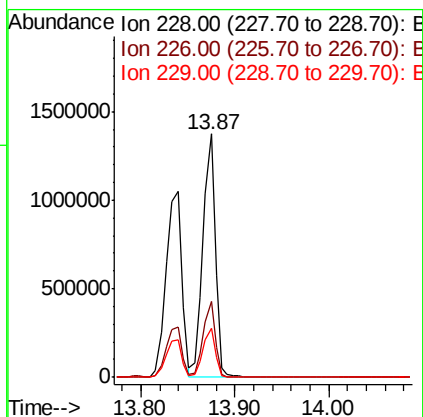
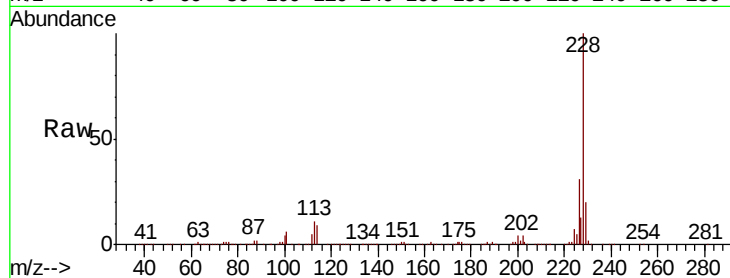
#83
Chrysene
Concen: 37.637 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 228 Resp: 1280363
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.3 16.3 24.5

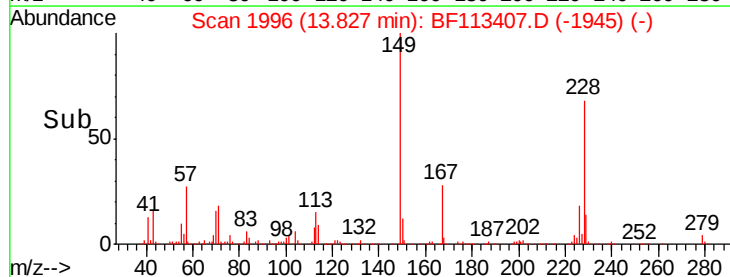
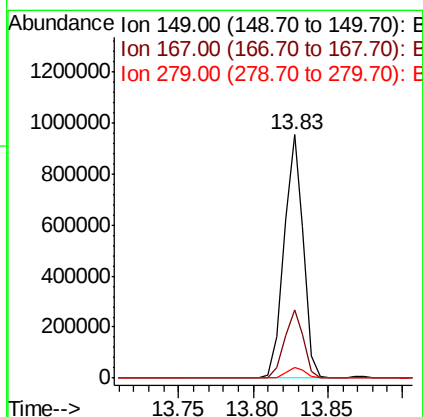
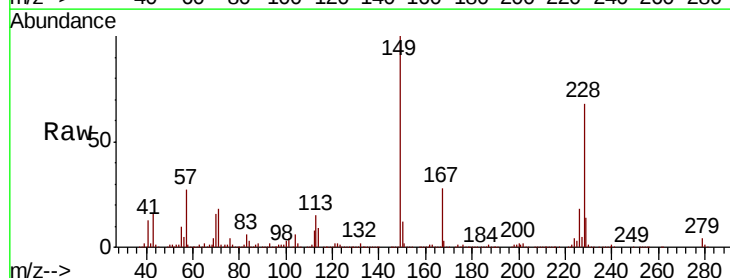
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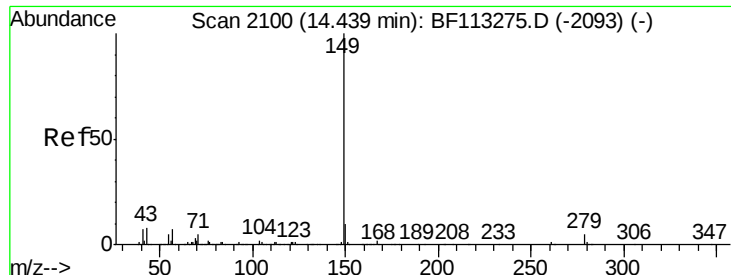
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4/1/2019 5:46:23 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.579 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion: 149 Resp: 866970
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 4.2 2.9 4.3





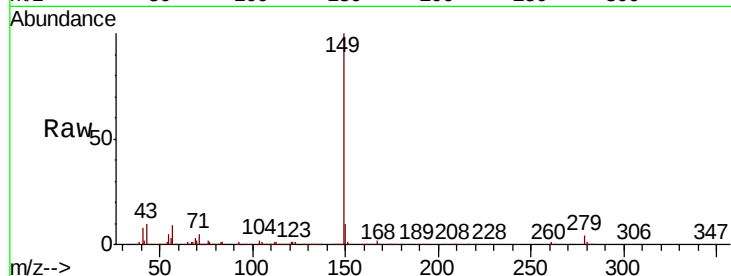
#85
Di-n-octyl phthalate
Concen: 39.454 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

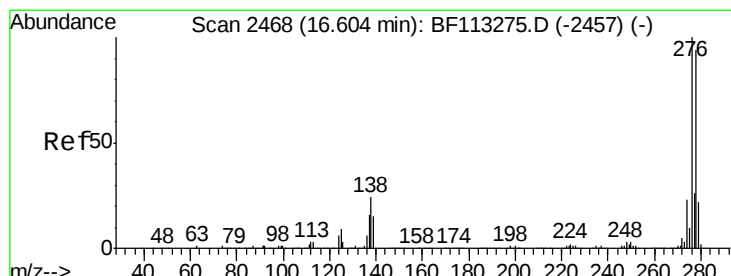
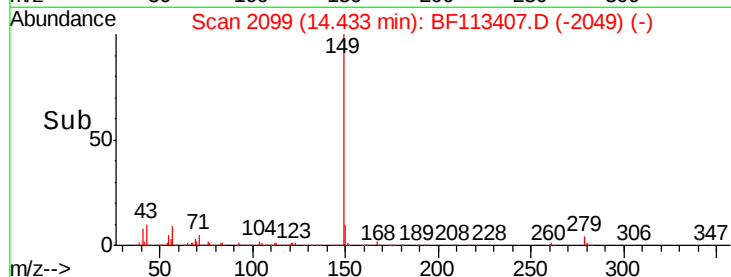
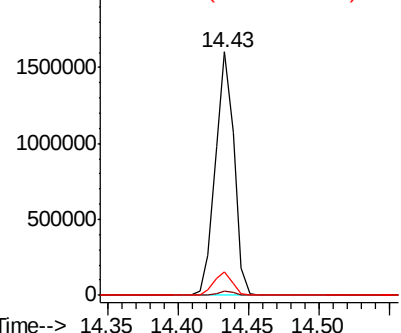
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

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4/1/2019 5:46:23 PM



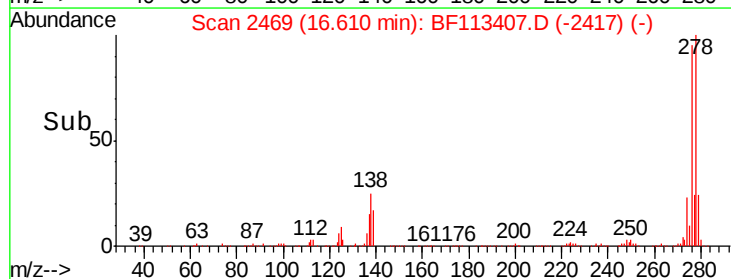
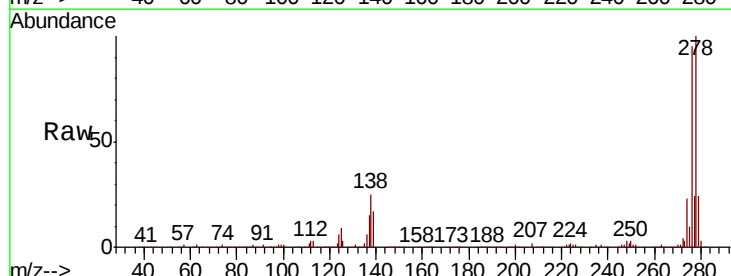
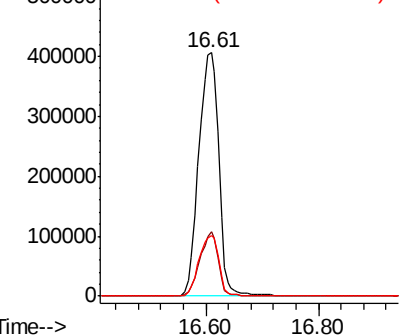
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

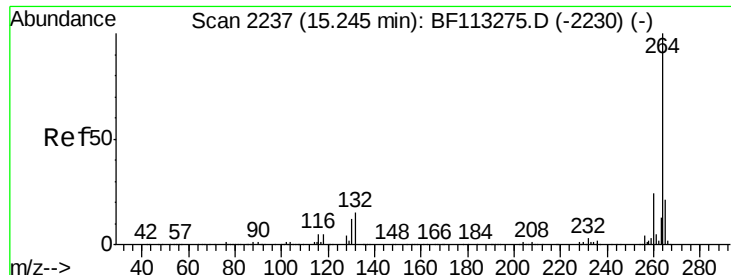


#86
Indeno(1,2,3-cd)pyrene
Concen: 34.395 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.1	27.1
277	24.9	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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

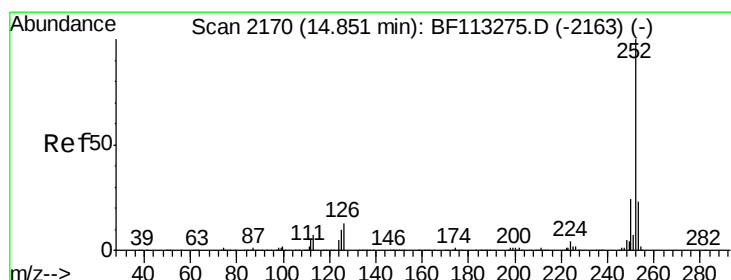
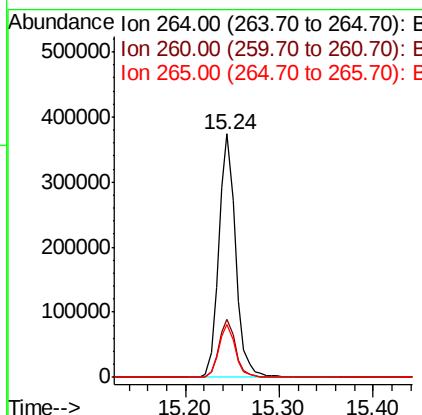
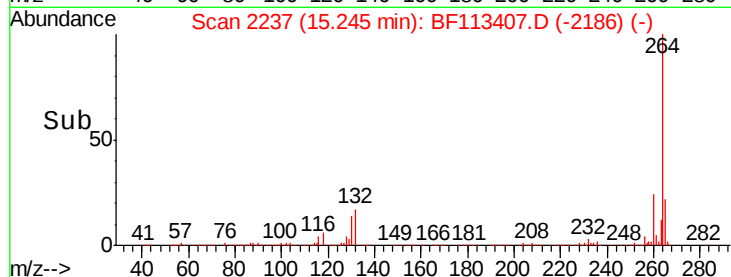
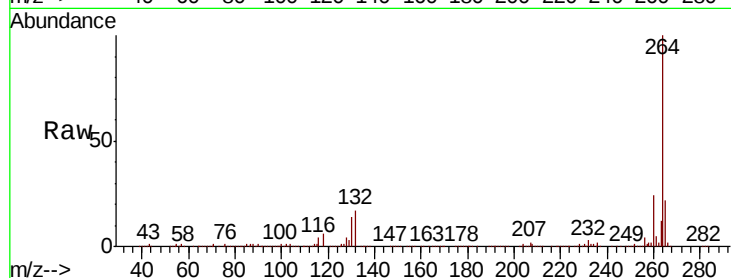
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.8	17.1	25.7

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4/1/2019 5:46:23 PM



#88

Benzo(b)fluoranthene

Concen: 36.889 ng

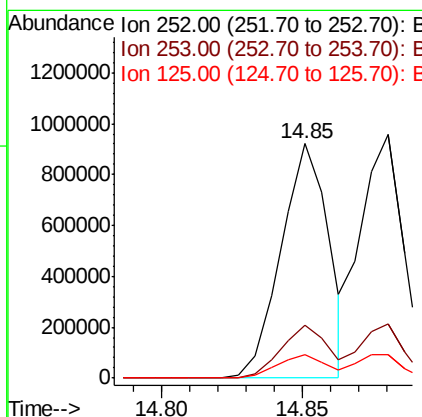
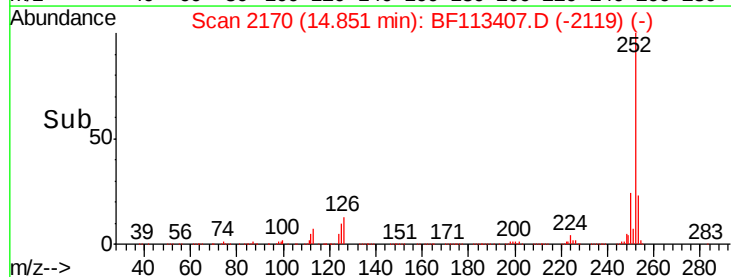
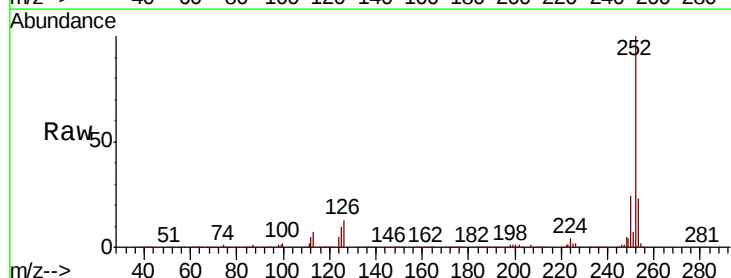
RT: 14.85 min Scan# 2170

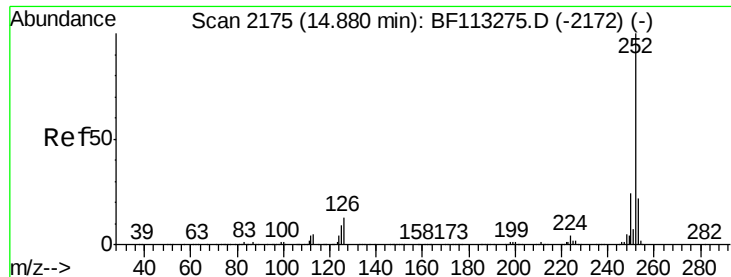
Delta R.T. 0.00 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.1	7.6	11.4





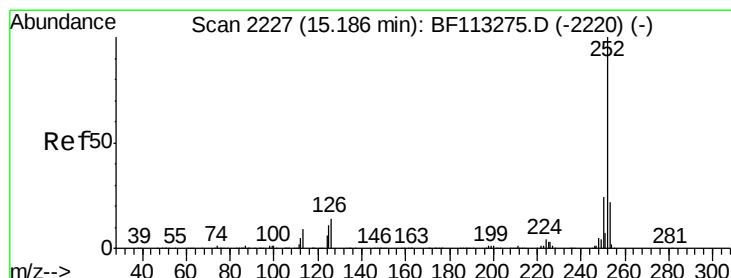
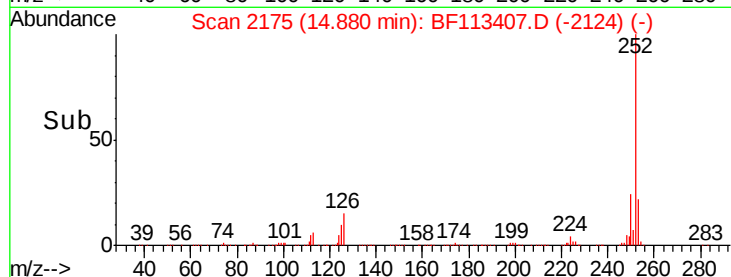
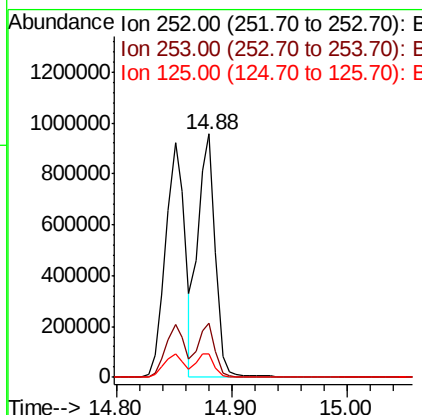
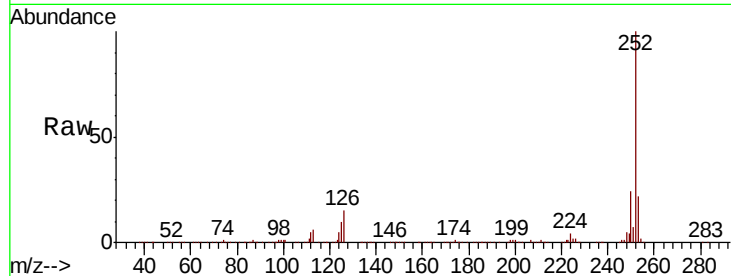
#89
Benzo(k)fluoranthene
Concen: 39.493 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.8	7.3	10.9

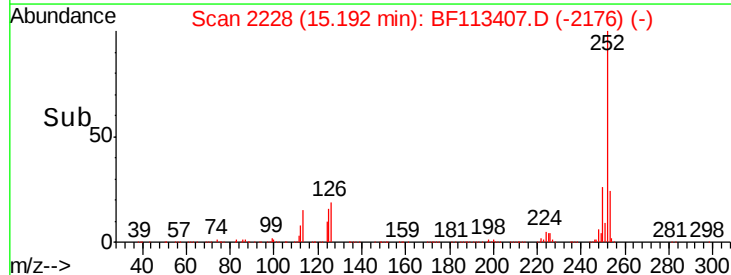
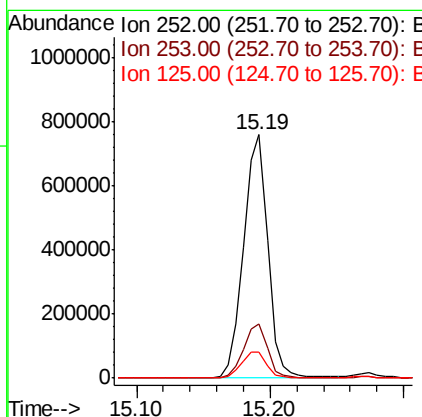
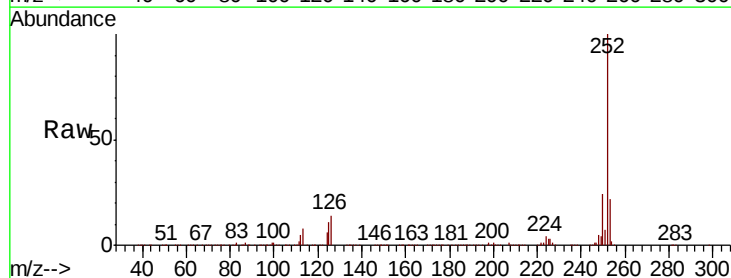
Manual Integrations
APPROVED

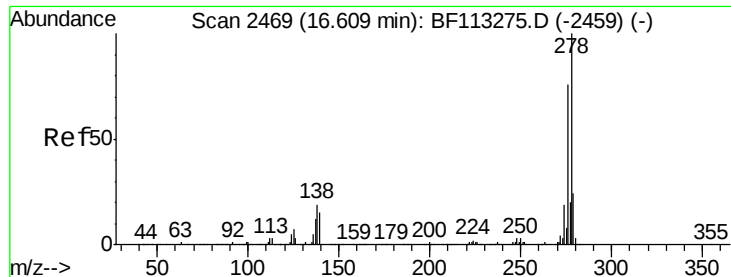
Sohil
4/1/2019 5:46:23 PM



#90
Benzo(a)pyrene
Concen: 36.676 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113407.D
Acq: 29 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.5	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 37.355 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Instrument :

BNA_F

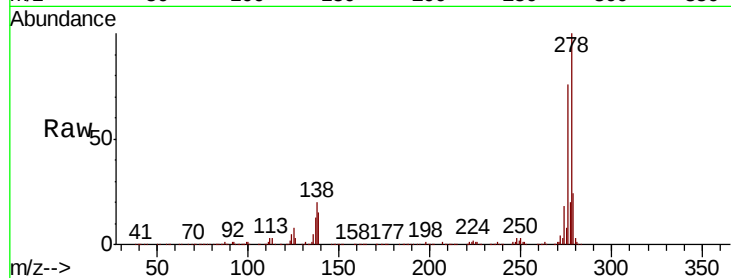
ClientSampleId :

SSTDCCC040

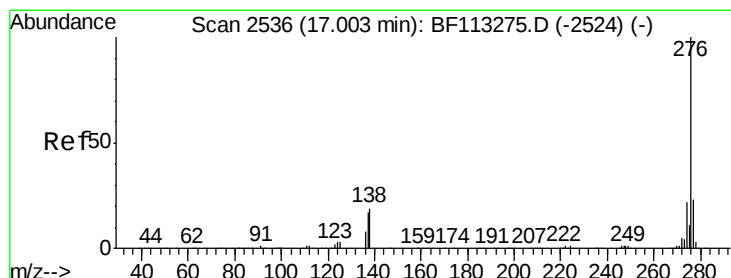
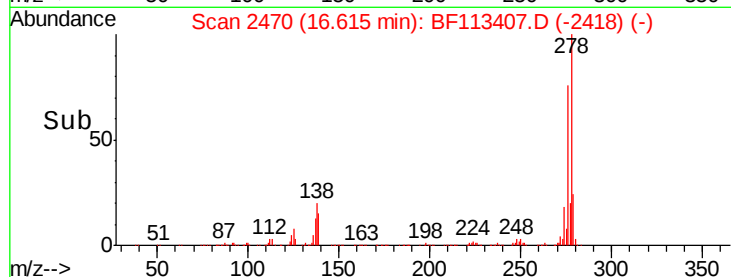
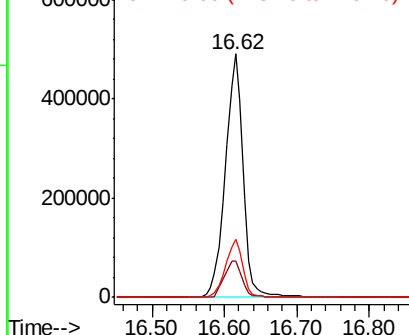
Tgt Ion:	278	Resp:	835672
Ion Ratio	Lower	Upper	
278	100		
139	14.7	12.0	18.0
279	23.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/1/2019 5:46:23 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.067 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113407.D

Acq: 29 Mar 2019 11:09

Tgt Ion:	276	Resp:	836101
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	20.9	15.6	23.4

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

