

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112746.D
 Acq On : 28 Feb 2019 4:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 05:02:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	144904	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	525542	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	228183	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	476195	20.00	ng	0.00
76) Chrysene-d12	13.88	240	319747	20.00	ng	0.00
87) Perylene-d12	15.29	264	243796	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	795743	85.42	ng	0.00
7) Phenol-d6	6.37	99	937097	80.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	755784	86.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	229496	94.74	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1273802	97.78	ng	0.00
79) Terphenyl-d14	12.83	244	1518457	92.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	190817	40.865	ng	98
3) Pyridine	3.12	79	520109	41.634	ng	99
4) n-Nitrosodimethylamine	3.03	42	221301	40.496	ng	100
6) Aniline	6.40	93	631222	39.189	ng	99
8) 2-Chlorophenol	6.53	128	414653	39.987	ng	97
9) Benzaldehyde	6.29	77	334322	39.652	ng	96
10) Phenol	6.39	94	551062	40.356	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	408273	38.954	ng	96
12) 1,3-Dichlorobenzene	6.69	146	439973	41.073	ng	98
13) 1,4-Dichlorobenzene	6.76	146	437271	40.704	ng	99
14) 1,2-Dichlorobenzene	6.92	146	402238	40.845	ng	98
15) Benzyl Alcohol	6.88	79	334656	37.505	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	646760	36.977	ng	99
17) 2-Methylphenol	7.00	107	312021	37.091	ng	99
18) Hexachloroethane	7.26	117	113677	27.625	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	269377	36.348	ng	97
20) 3+4-Methylphenols	7.15	107	374389	39.420	ng	# 87
22) Acetophenone	7.15	105	538843	43.849	ng	98
24) Nitrobenzene	7.32	77	406707	41.606	ng	99
25) Isophorone	7.56	82	730215	38.593	ng	100
26) 2-Nitrophenol	7.64	139	92538	22.741	ng	97
27) 2,4-Dimethylphenol	7.68	122	300109	39.643	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	477366	40.353	ng	99
29) 2,4-Dichlorophenol	7.88	162	296759	40.423	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	325260	41.234	ng	99
31) Naphthalene	8.05	128	1062630	40.726	ng	99
32) Benzoic acid	7.79	122	48111	9.067	ng	93
33) 4-Chloroaniline	8.09	127	443306	40.114	ng	98
34) Hexachlorobutadiene	8.17	225	192087	43.178	ng	99
35) Caprolactam	8.45	113	97772	37.813	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	306078	37.673	ng	95
37) 2-Methylnaphthalene	8.74	142	664533	39.438	ng	99
38) 1-Methylnaphthalene	8.84	142	632297	38.738	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	300335	45.136	ng	97

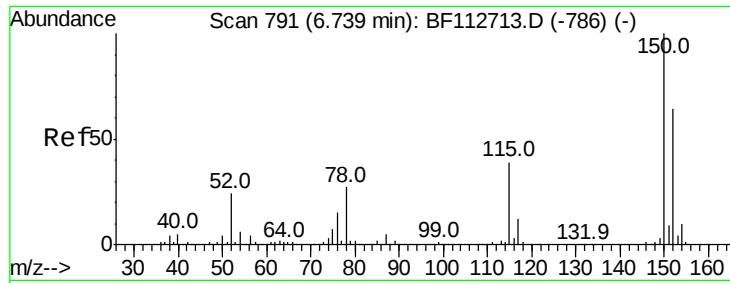
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	10080	2.766	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	193355	42.222	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	209064	42.236	ng	99
46) 1,1'-Biphenyl	9.20	154	818908	43.999	ng	99
47) 2-Chloronaphthalene	9.22	162	611888	42.104	ng	99
48) 2-Nitroaniline	9.31	65	218059	49.364	ng	96
49) Acenaphthylene	9.63	152	1019868	41.338	ng	99
50) Dimethylphthalate	9.50	163	692515	41.160	ng	99
51) 2,6-Dinitrotoluene	9.56	165	117062	33.411	ng #	78
52) Acenaphthene	9.81	154	570435	39.537	ng	99
53) 3-Nitroaniline	9.72	138	217948	51.051	ng	98
54) 2,4-Dinitrophenol	9.82	184	568	6.818	ng #	1
55) Dibenzofuran	9.98	168	868390	41.412	ng	96
56) 4-Nitrophenol	9.87	139	133893	38.589	ng	98
57) 2,4-Dinitrotoluene	9.96	165	134822	30.957	ng #	84
58) Fluorene	10.32	166	638726	42.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	180903	43.866	ng	98
60) Diethylphthalate	10.20	149	717088	40.354	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	306267	44.229	ng	95
62) 4-Nitroaniline	10.33	138	221269	56.088	ng	98
63) Azobenzene	10.47	77	697424	38.318	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	849	5.005	ng #	70
66) n-Nitrosodiphenylamine	10.43	169	594461	38.925	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	201662	40.206	ng	93
68) Hexachlorobenzene	10.87	284	237758	42.051	ng #	89
69) Atrazine	10.96	200	165928	35.475	ng	98
70) Pentachlorophenol	11.06	266	123397	37.080	ng	97
71) Phenanthrene	11.27	178	1022418	43.154	ng	99
72) Anthracene	11.33	178	1035642	41.758	ng	99
73) Carbazole	11.48	167	1007385	41.638	ng	99
74) Di-n-butylphthalate	11.82	149	1188285	40.962	ng	99
75) Fluoranthene	12.46	202	1162313	45.790	ng	99
77) Benzidine	12.58	184	822041	49.553	ng	99
78) Pyrene	12.69	202	1191645	44.208	ng	99
80) Butylbenzylphthalate	13.31	149	545907	45.881	ng	97
81) Benzo(a)anthracene	13.87	228	860880	38.847	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	382570	45.646	ng	99
83) Chrysene	13.90	228	839531	38.676	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	685563	49.123	ng	98
85) Di-n-octyl phthalate	14.48	149	1111448	46.379	ng	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	656156	35.457	ng	96
88) Benzo(b)fluoranthene	14.89	252	630360	39.974	ng	98
89) Benzo(k)fluoranthene	14.92	252	599177	41.948	ng	97
90) Benzo(a)pyrene	15.23	252	562709	40.343	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	544852	45.777	ng	100
92) Benzo(g,h,i)perylene	17.06	276	534333	44.708	ng	98

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

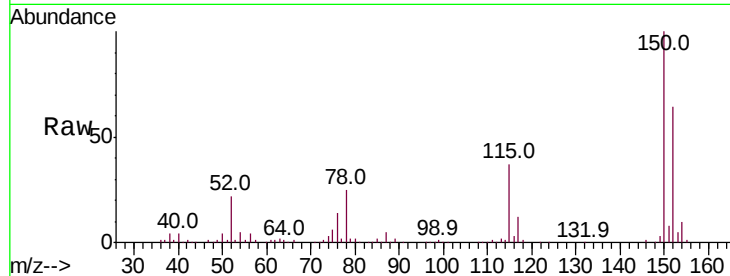


#1

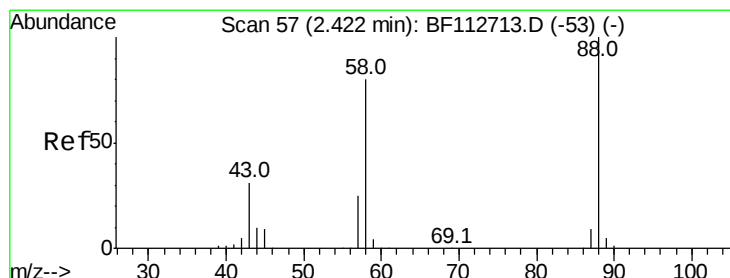
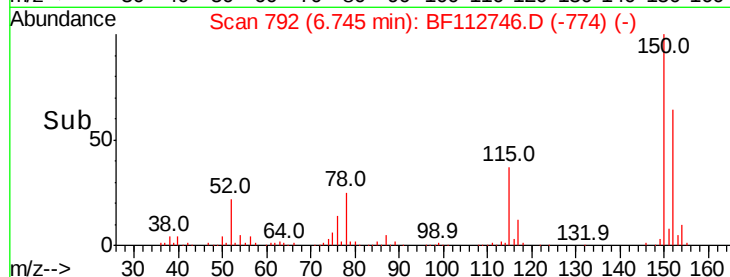
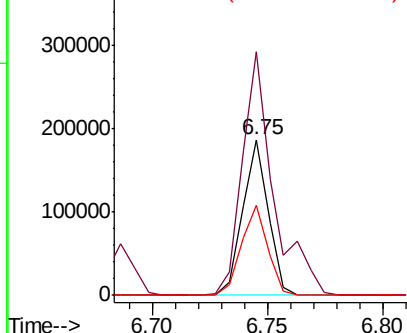
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 144904
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 58.1 48.2 72.4



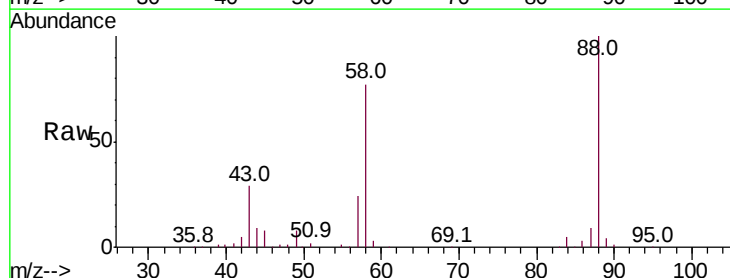
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



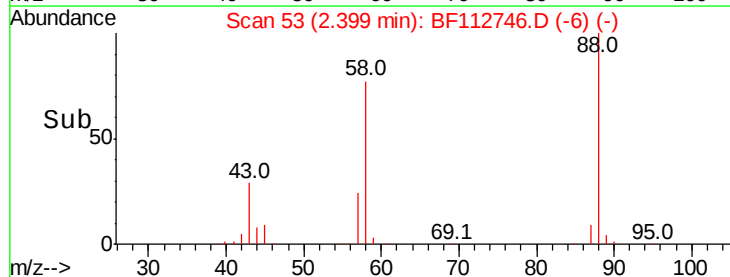
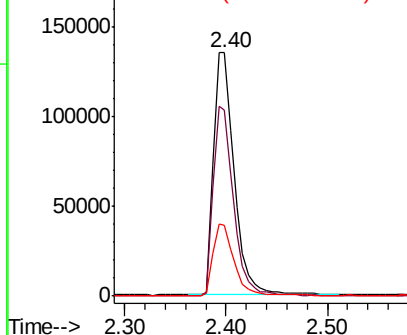
#2

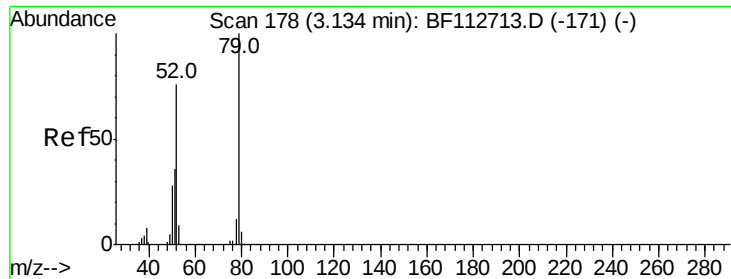
1,4-Dioxane
Concen: 40.865 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion: 88 Resp: 190817
Ion Ratio Lower Upper
88 100
58 76.7 63.1 94.7
43 29.3 24.3 36.5



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

Pvridine

Concen: 41.634 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.02 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

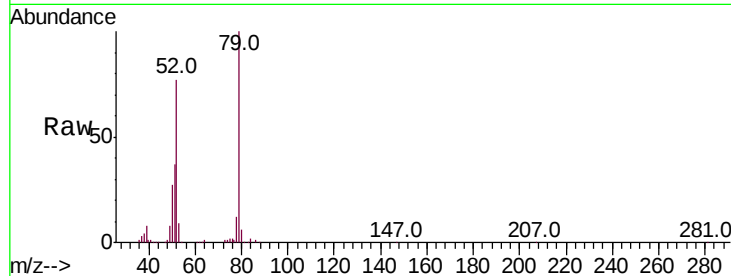
Tot Ion: 79 Resp: 520109

Ion Ratio Lower Upper

79 100

52 76.7 60.5 90.7

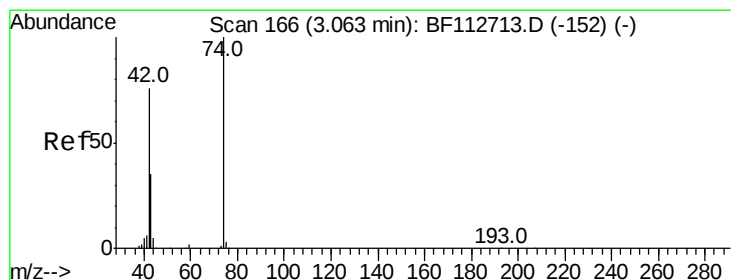
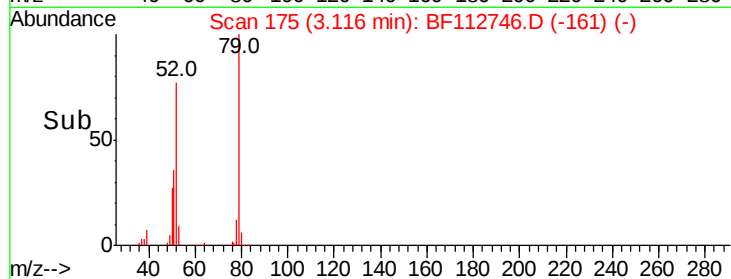
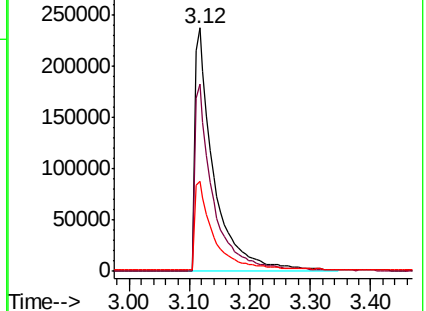
51 37.1 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.496 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

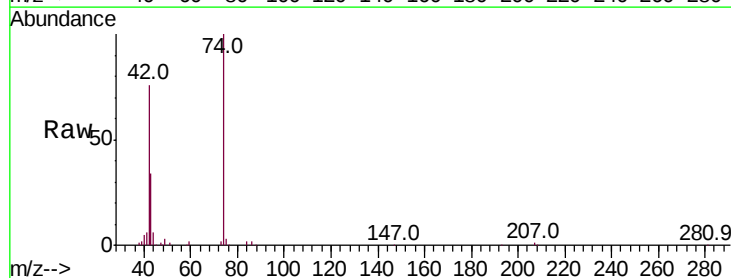
Tgt Ion: 42 Resp: 221301

Ion Ratio Lower Upper

42 100

74 131.9 105.8 158.8

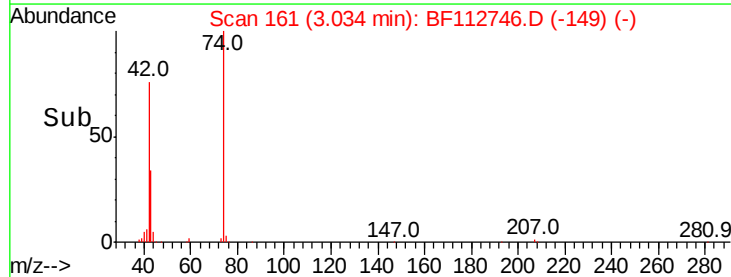
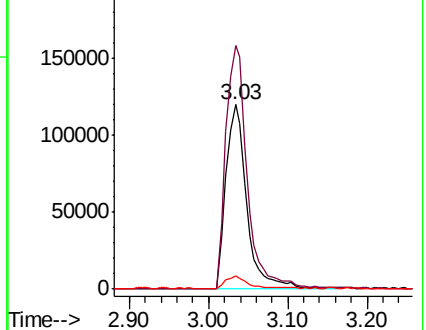
44 7.3 6.2 9.2

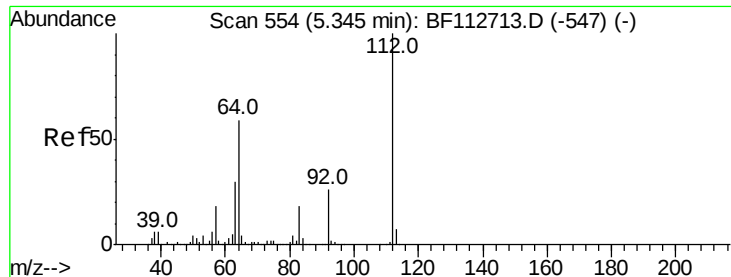


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.423 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

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ClientSampleId :

SSTDCCC040

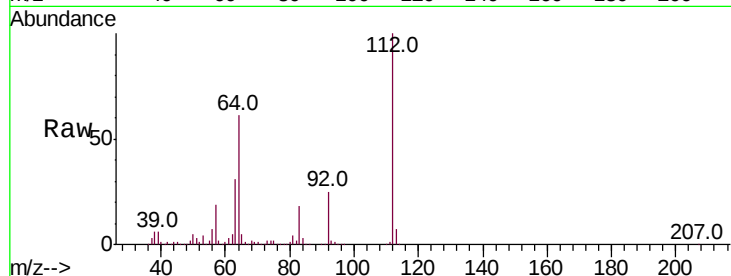
Tot Ion:112 Resp: 795743

Ion Ratio Lower Upper

112 100

64 61.4 47.6 71.4

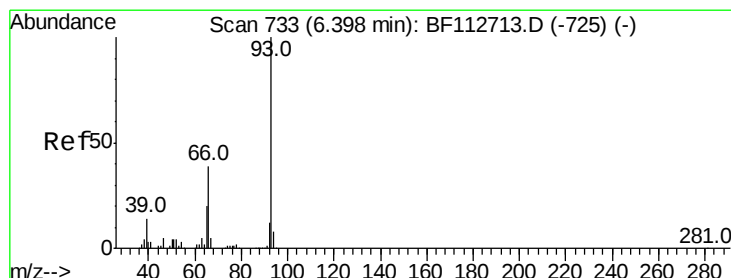
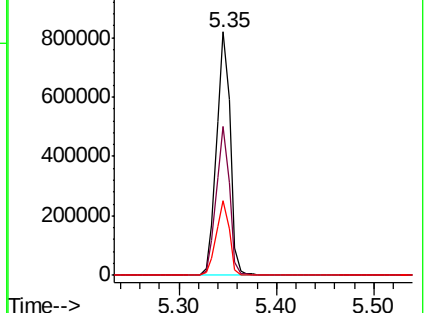
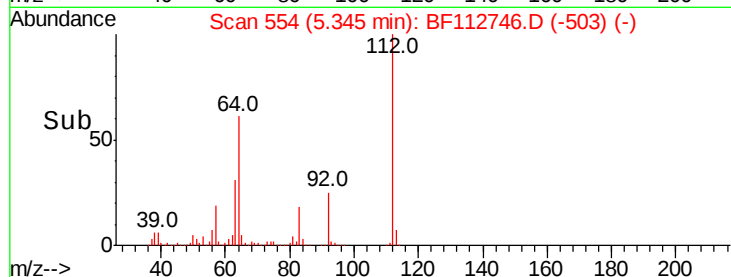
63 30.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.189 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

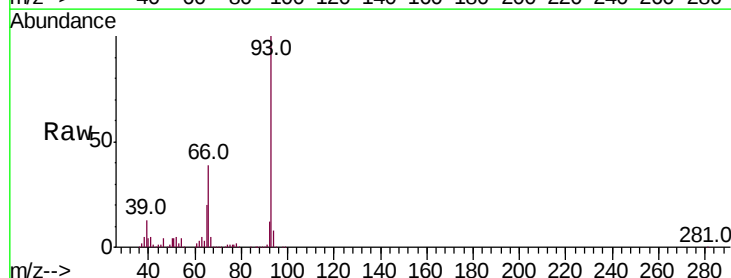
Tgt Ion: 93 Resp: 631222

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

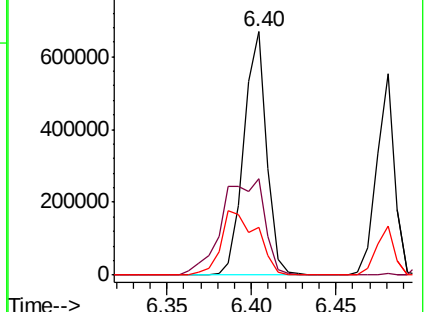
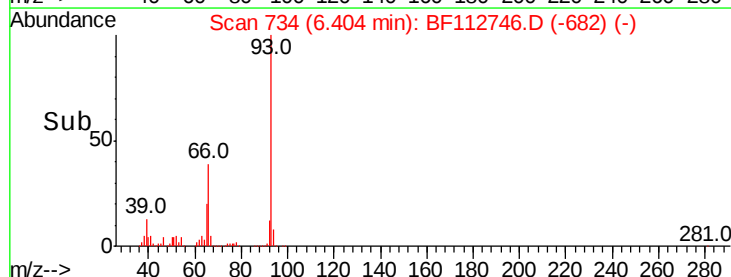
65 19.8 16.2 24.4

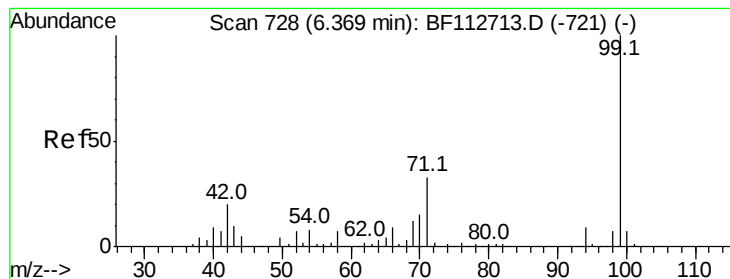


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.083 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

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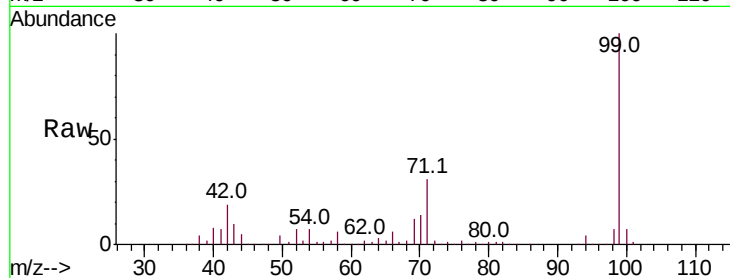
Tot Ion: 99 Resp: 937097

Ion Ratio Lower Upper

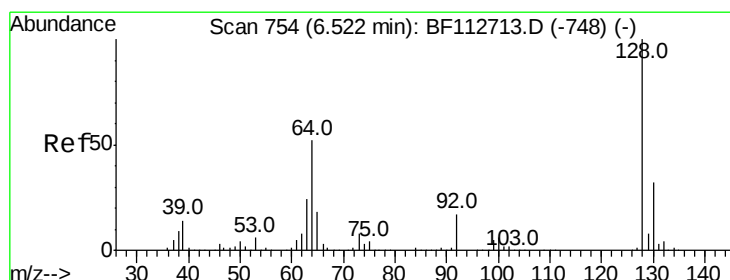
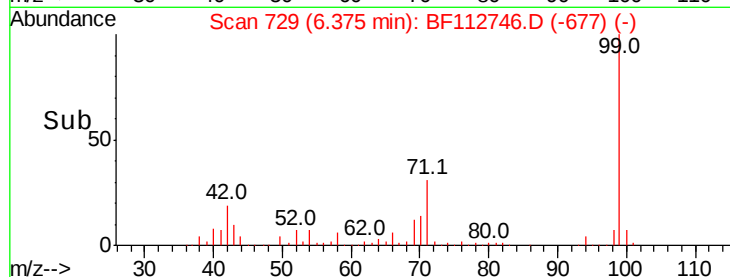
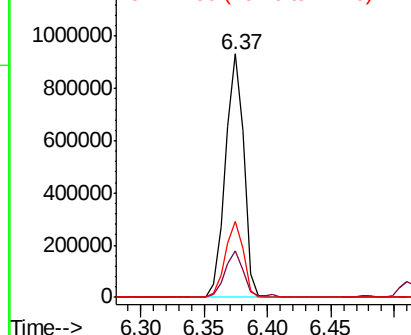
99 100

42 18.9 16.3 24.5

71 31.3 26.2 39.4



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: 39.987 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

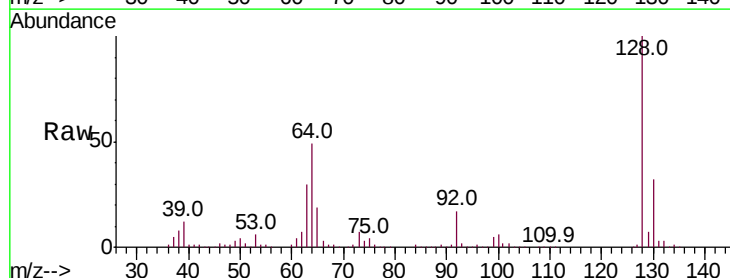
Tgt Ion: 128 Resp: 414653

Ion Ratio Lower Upper

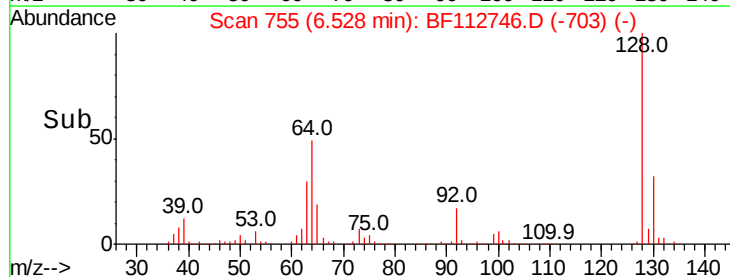
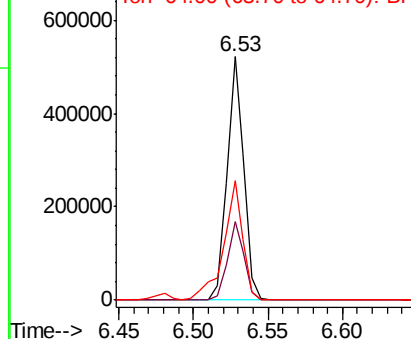
128 100

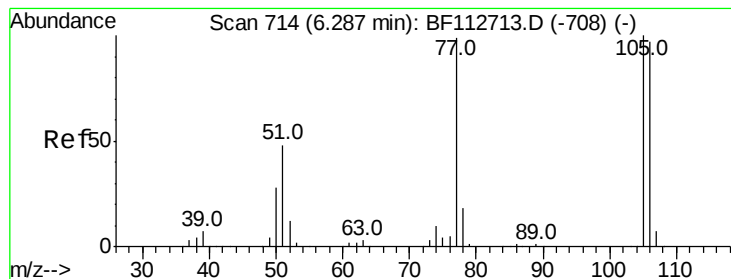
130 32.5 12.4 52.4

64 49.2 32.2 72.2



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: 39.652 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

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SSTDCCC040

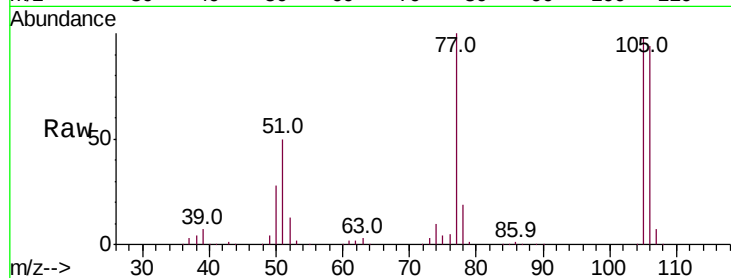
Tot Ion: 77 Resp: 334322

Ion Ratio Lower Upper

77 100

105 98.4 81.4 121.4

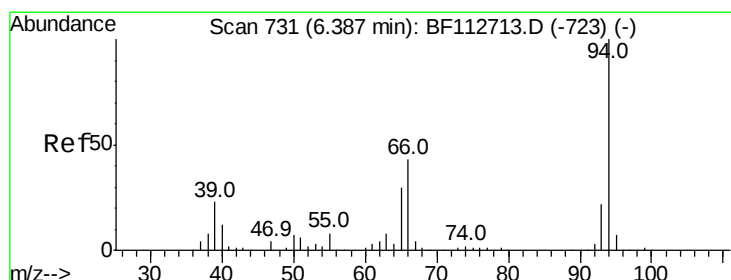
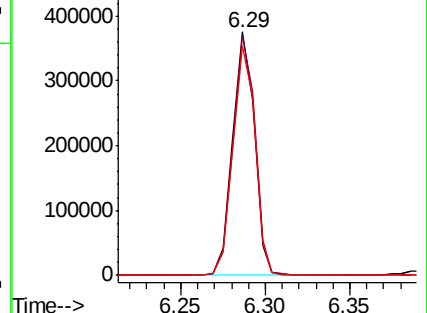
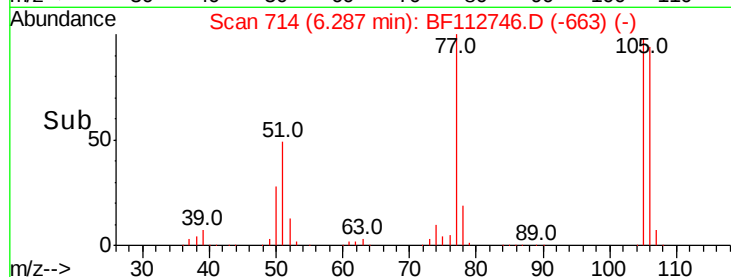
106 94.2 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.356 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

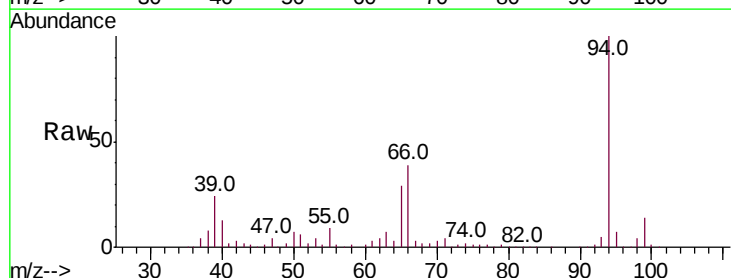
Tgt Ion: 94 Resp: 551062

Ion Ratio Lower Upper

94 100

65 28.6 10.5 50.5

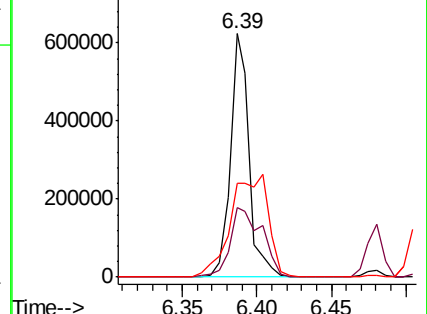
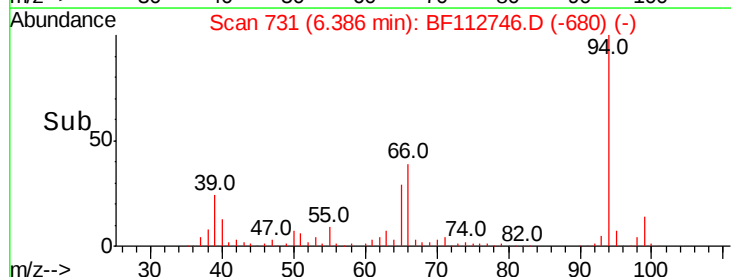
66 38.8 22.6 62.6

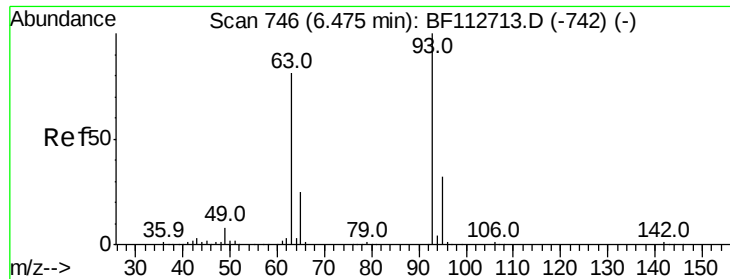


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

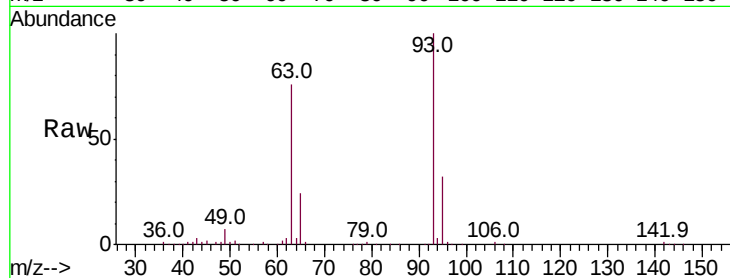




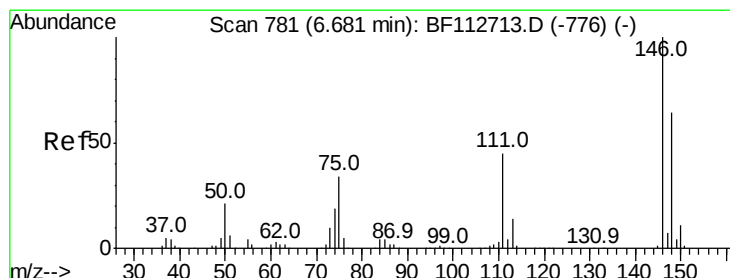
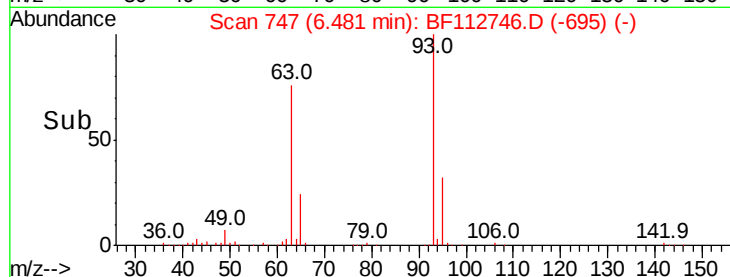
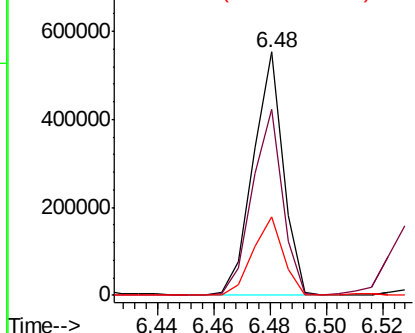
#11
bis(2-Chloroethyl)ether
Concen: 38.954 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 408273
Ion Ratio Lower Upper
93 100
63 76.2 60.5 100.5
95 32.4 12.1 52.1

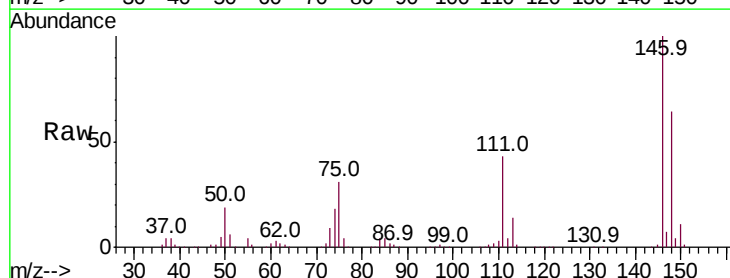


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

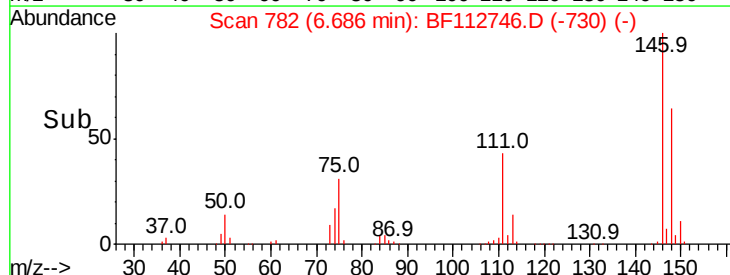
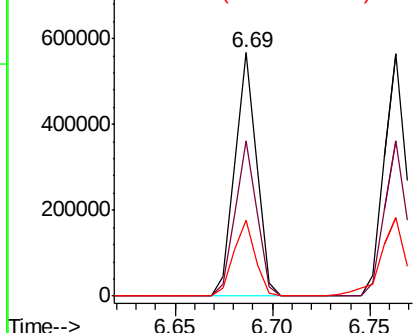


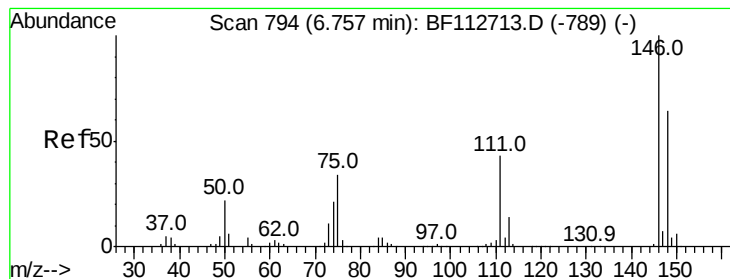
#12
1,3-Dichlorobenzene
Concen: 41.073 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion: 146 Resp: 439973
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 31.1 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.704 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

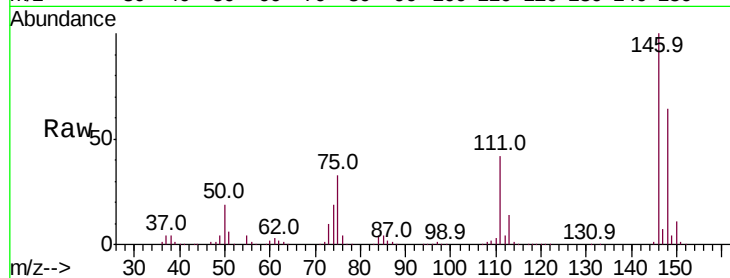
Tot Ion:146 Resp: 437271

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

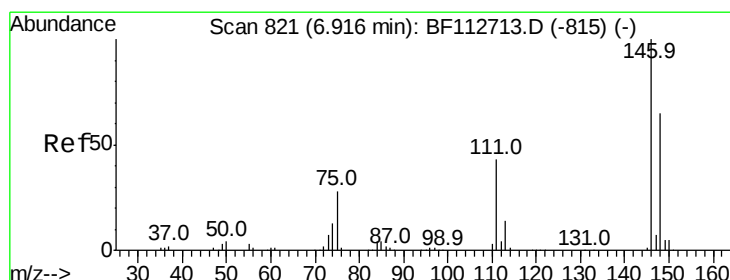
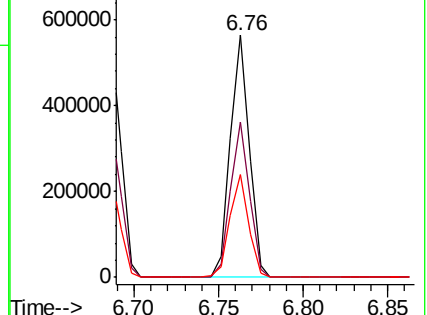
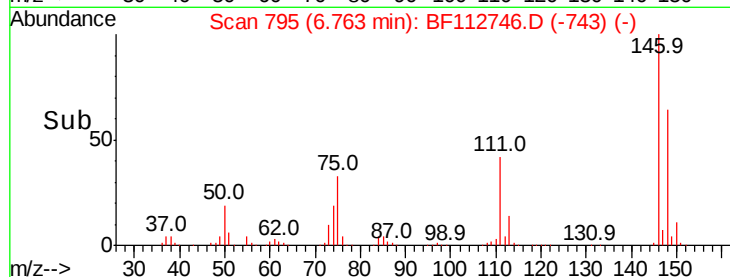
111 42.3 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.845 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

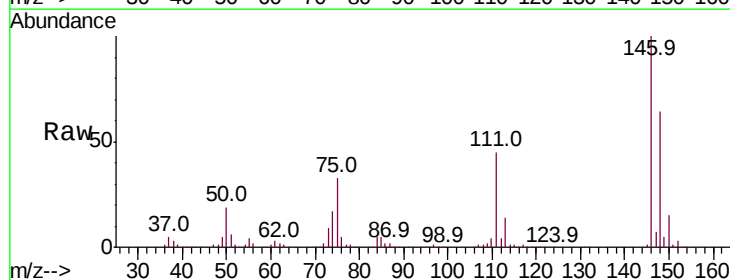
Tgt Ion:146 Resp: 402238

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

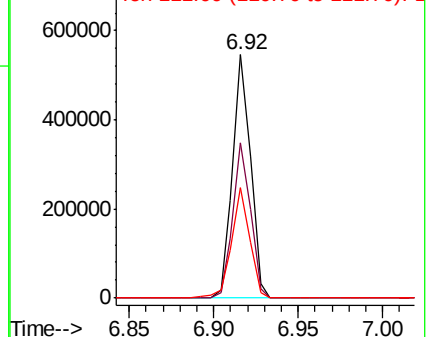
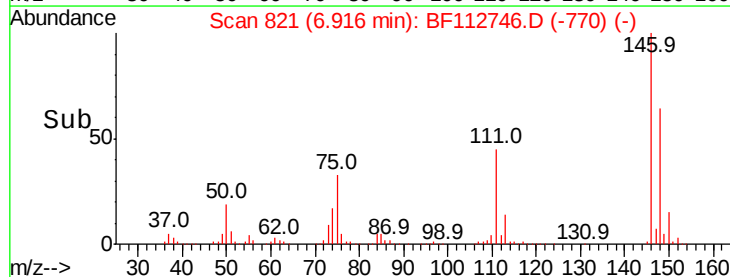
111 45.3 34.8 52.2

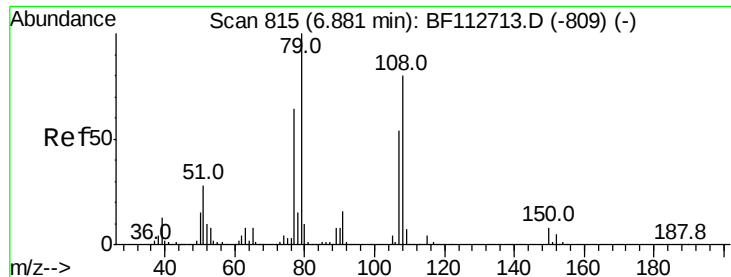


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.505 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

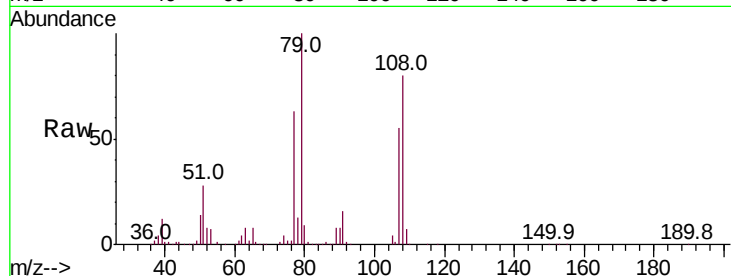
Tot Ion: 79 Resp: 334656

Ion Ratio Lower Upper

79 100

108 80.0 64.2 96.4

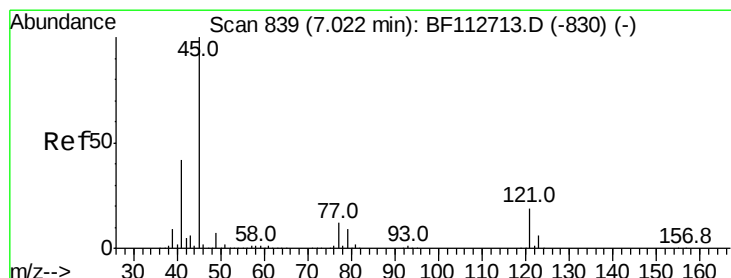
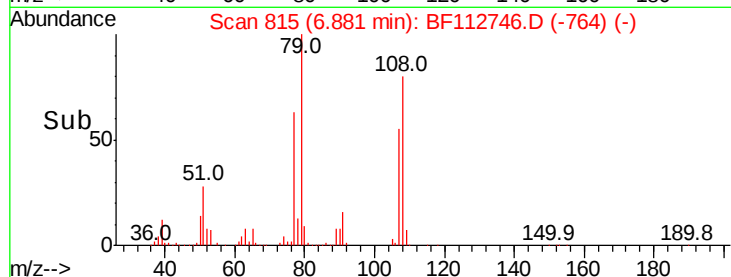
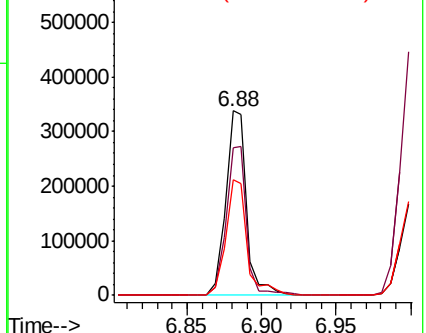
77 62.7 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.977 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

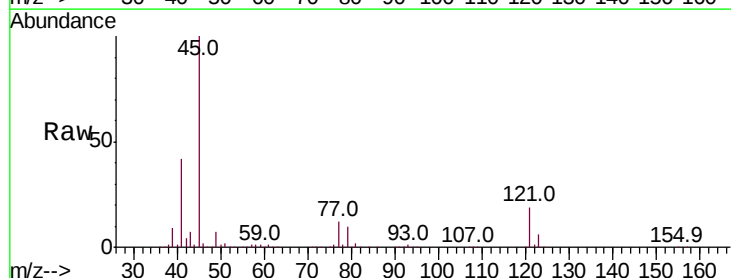
Tgt Ion: 45 Resp: 646760

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.1

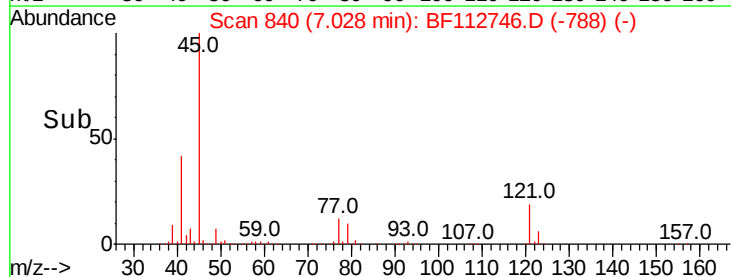
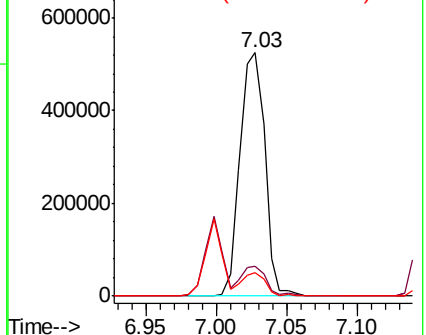
79 9.7 0.0 29.4

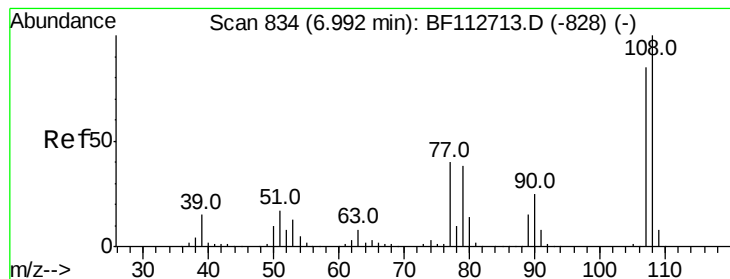


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.091 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 312021

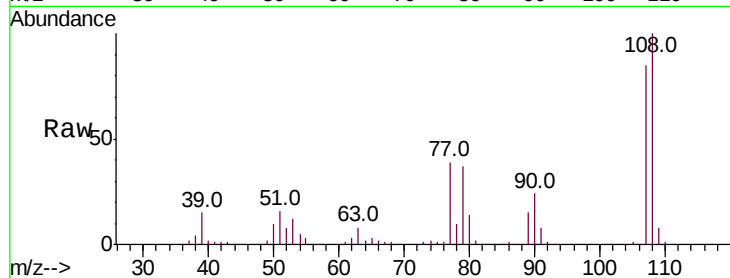
Ion Ratio Lower Upper

107 100

108 117.6 94.6 142.0

77 45.7 37.8 56.8

79 44.1 36.2 54.2

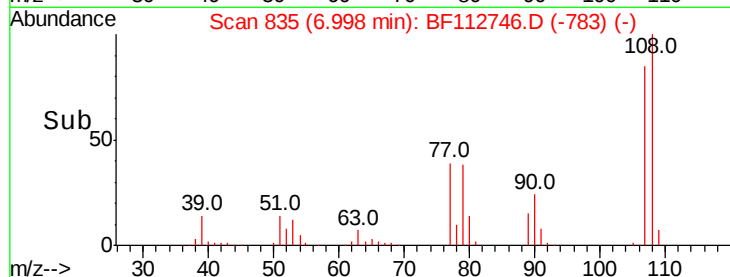


Abundance Ion 107.00 (106.70 to 107.70): E

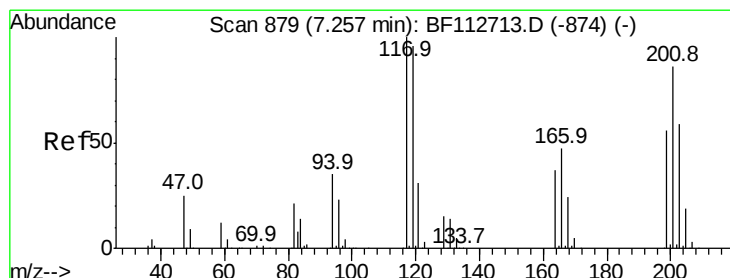
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 27.625 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

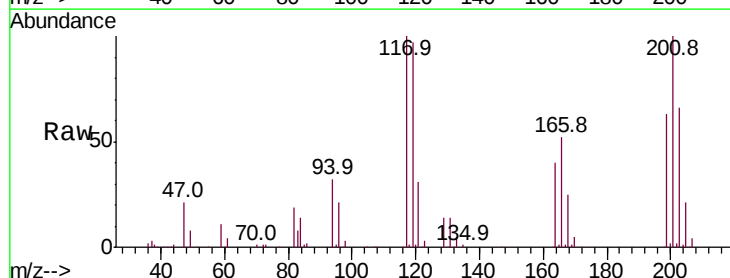
Tgt Ion:117 Resp: 113677

Ion Ratio Lower Upper

117 100

119 96.9 76.6 115.0

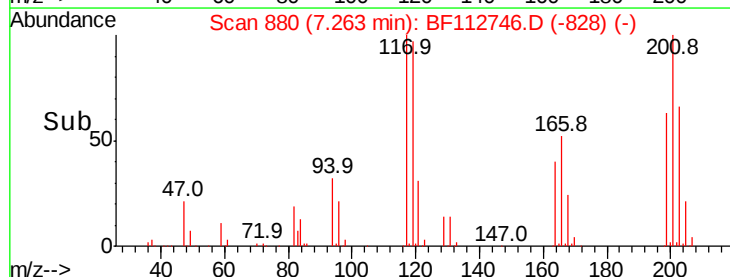
201 99.7 68.9 103.3



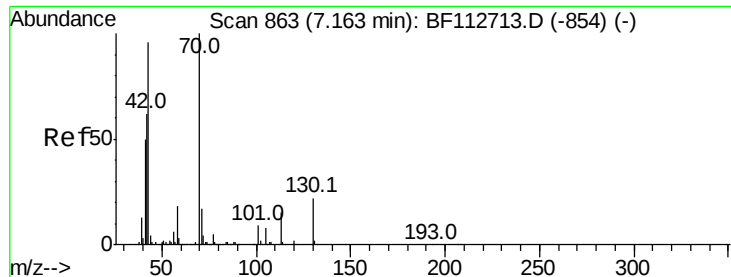
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 36.348 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 269377

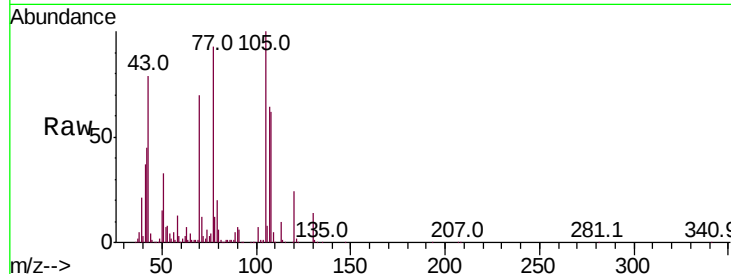
Ion Ratio Lower Upper

70 100

42 64.7 49.9 74.9

101 9.4 7.4 11.2

130 20.5 17.4 26.2

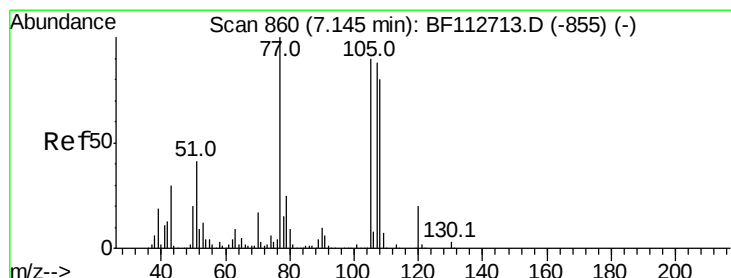
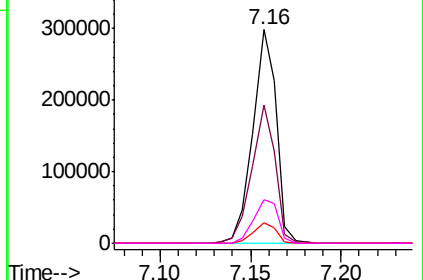
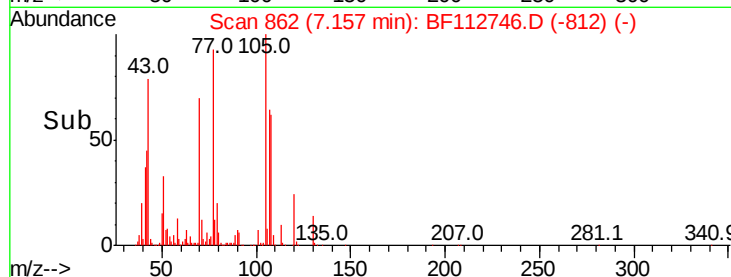


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 39.420 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion: 107 Resp: 374389

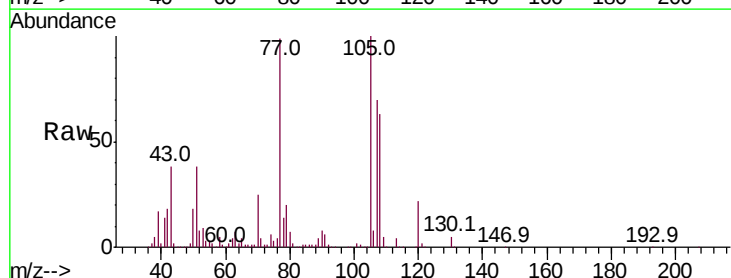
Ion Ratio Lower Upper

107 100

108 89.7 71.4 111.4

77 140.7 94.1 134.1#

79 28.3 8.6 48.6

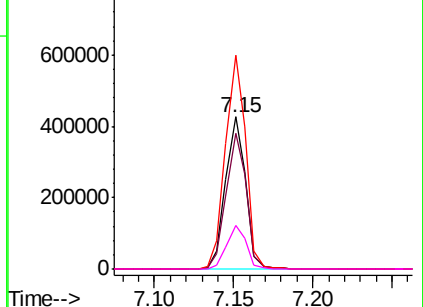
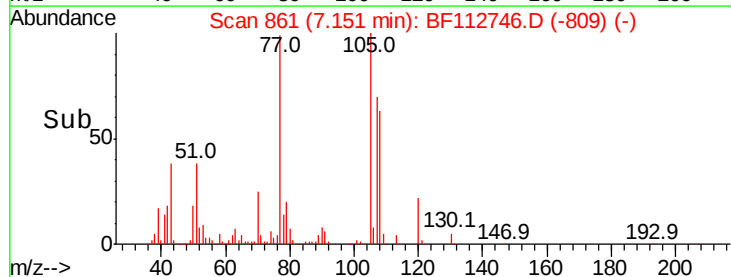


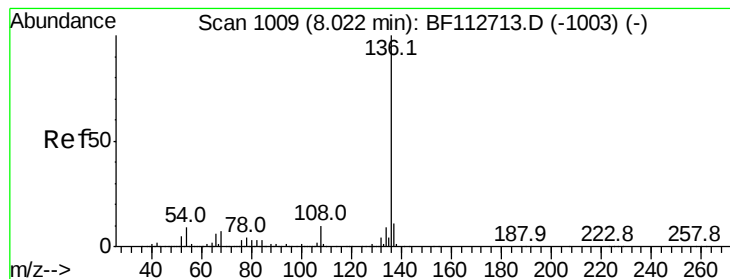
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 525542

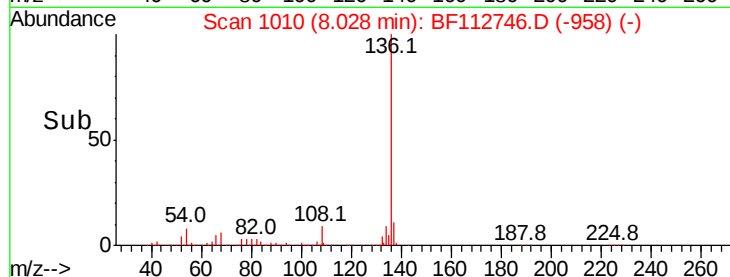
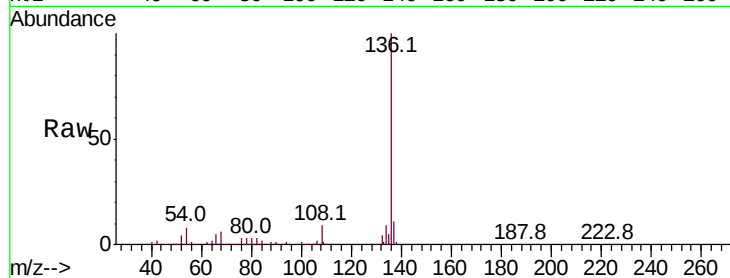
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.0 7.3 10.9

68 6.1 5.4 8.2

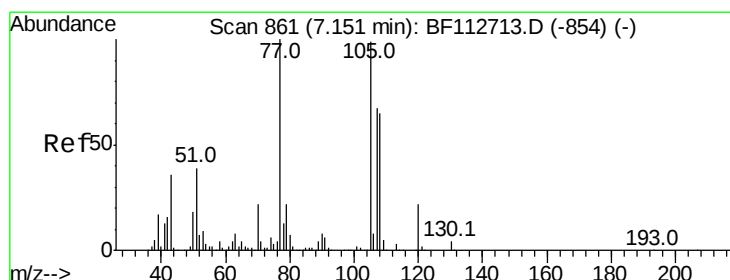
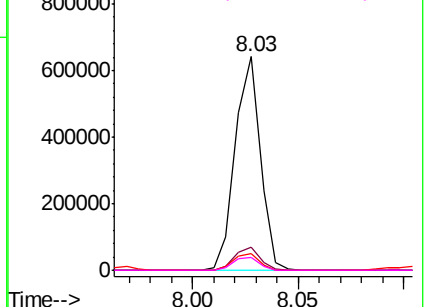


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.849 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:105 Resp: 538843

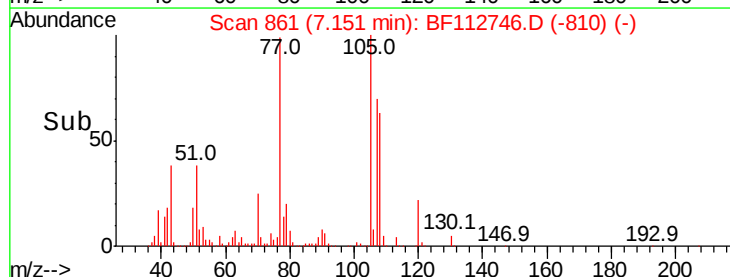
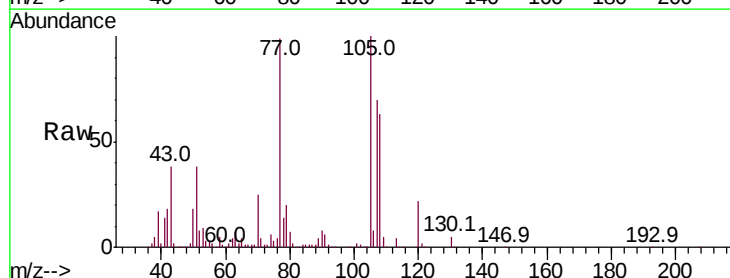
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 37.9 31.5 47.3

120 22.0 18.1 27.1

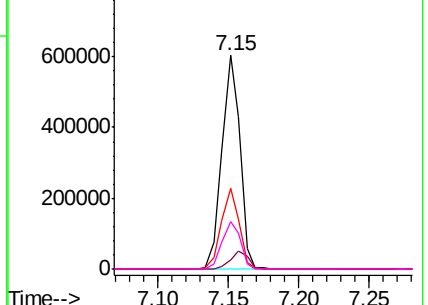


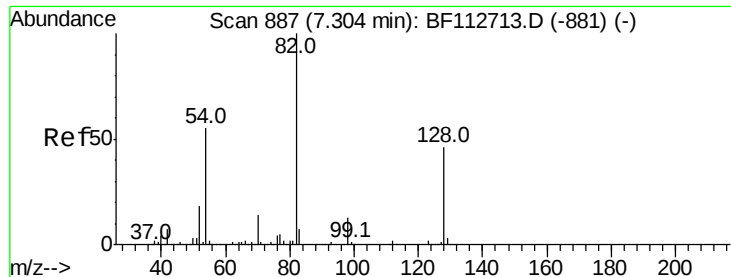
Abundance Ion 105.00 (104.70 to 105.70): E

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

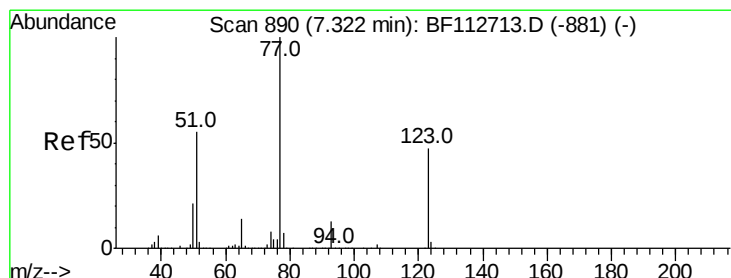
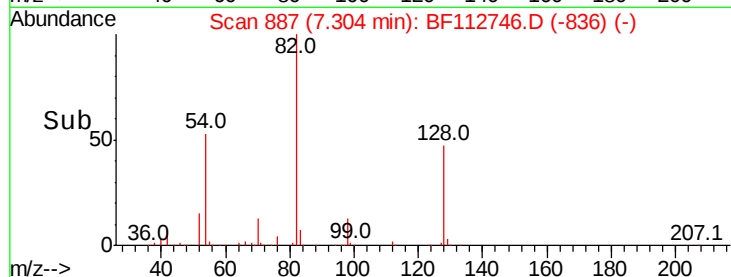
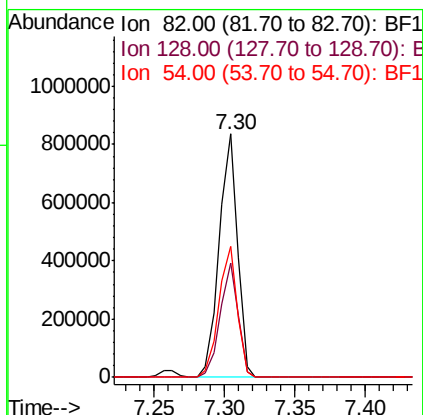
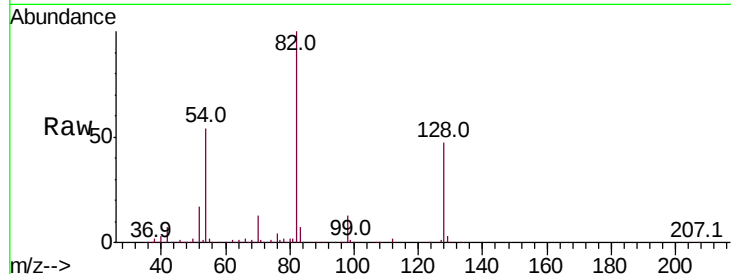




#23
 Nitrobenzene-d5
 Concen: 86.053 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

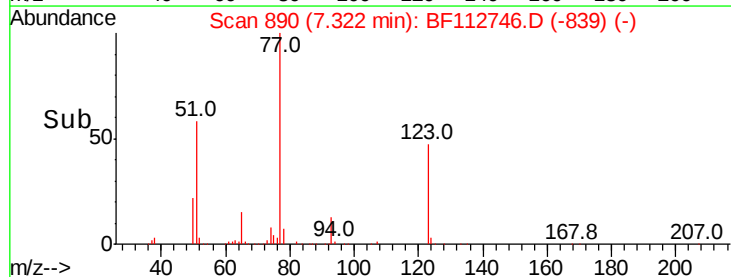
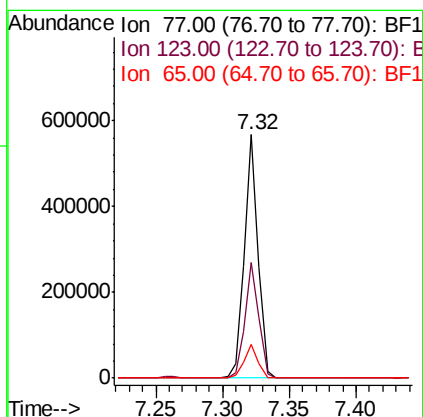
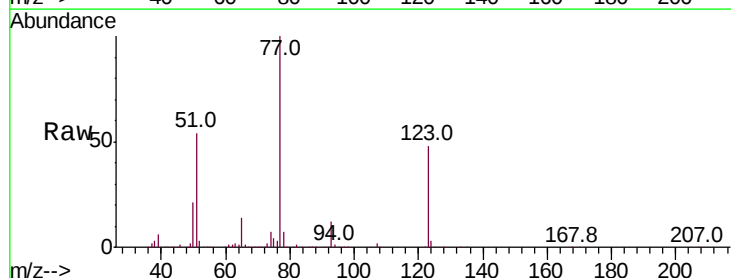
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

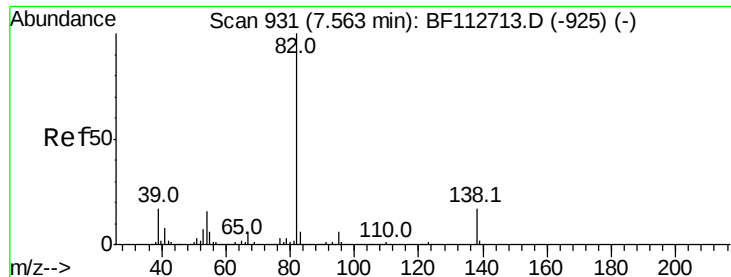
Tot Ion: 82 Resp: 755784
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 54.0 43.7 65.5



#24
 Nitrobenzene
 Concen: 41.606 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion: 77 Resp: 406707
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.8 56.6
 65 13.7 11.1 16.7





#25

Isophorone

Concen: 38.593 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

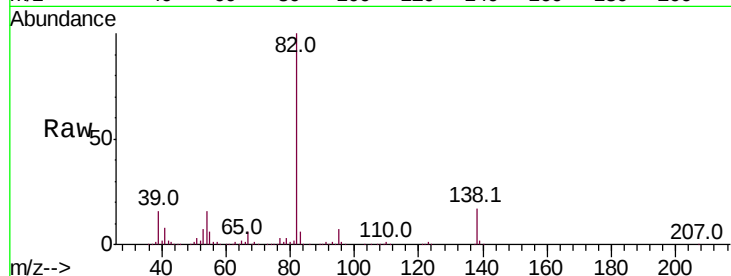
Tot Ion: 82 Resp: 730215

Ion Ratio Lower Upper

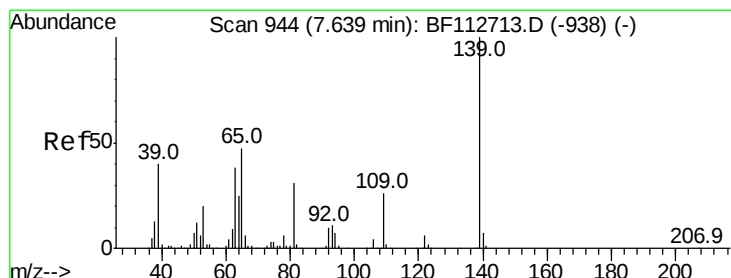
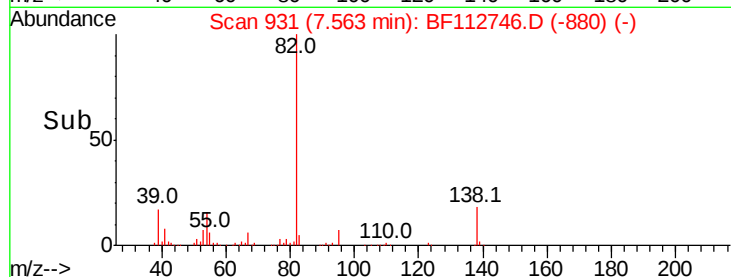
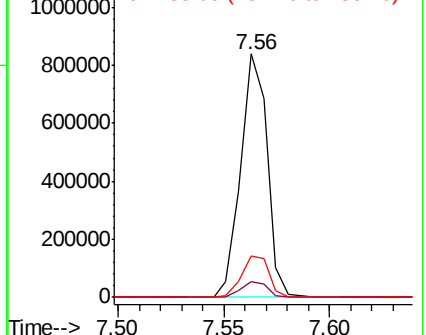
82 100

95 6.7 5.2 7.8

138 17.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 22.741 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

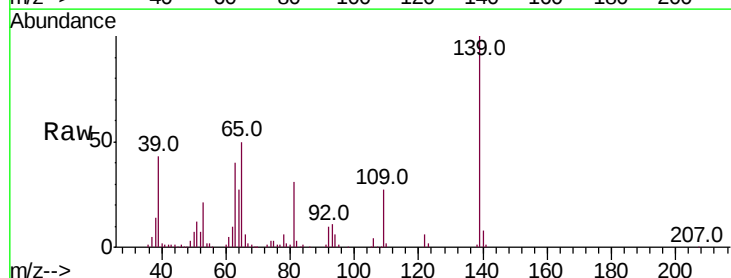
Tgt Ion: 139 Resp: 92538

Ion Ratio Lower Upper

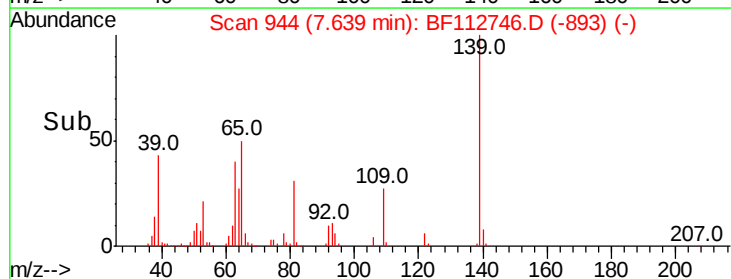
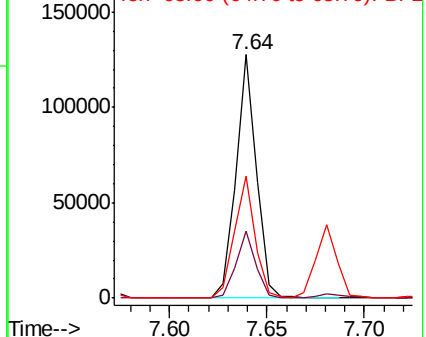
139 100

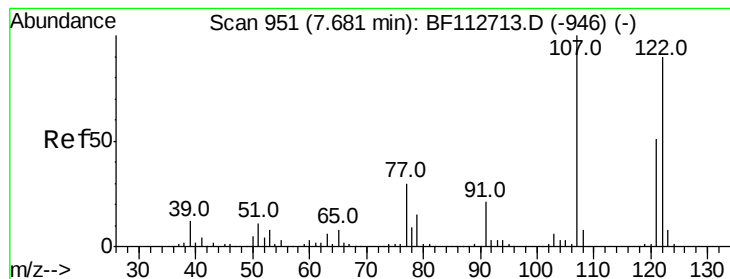
109 27.3 20.6 31.0

65 49.9 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.643 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

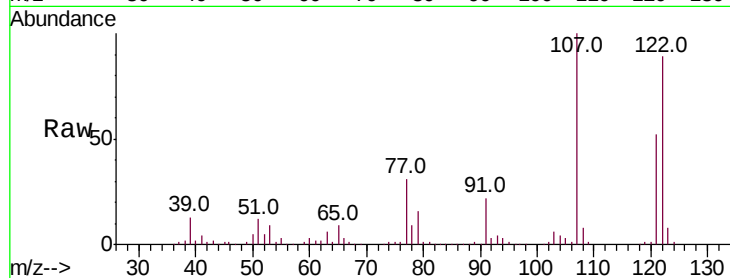
Tot Ion:122 Resp: 300109

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.0

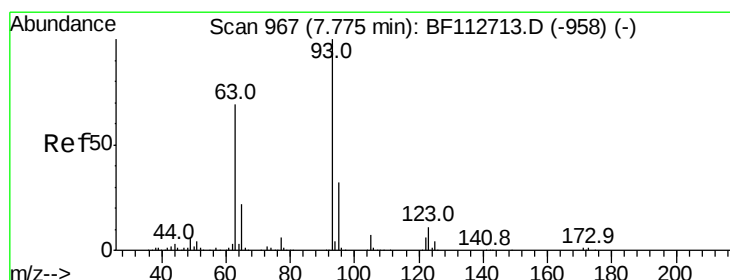
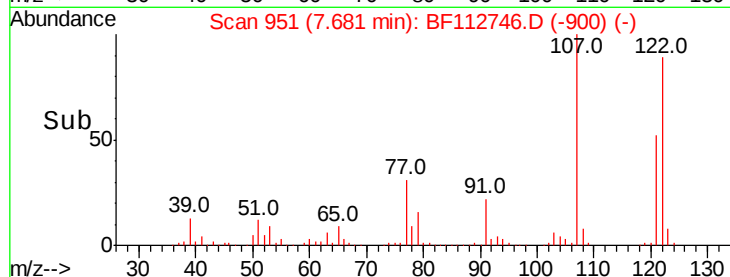
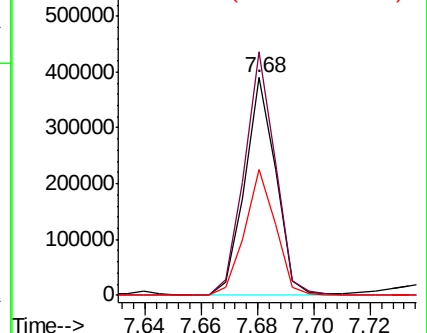
121 57.6 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.353 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

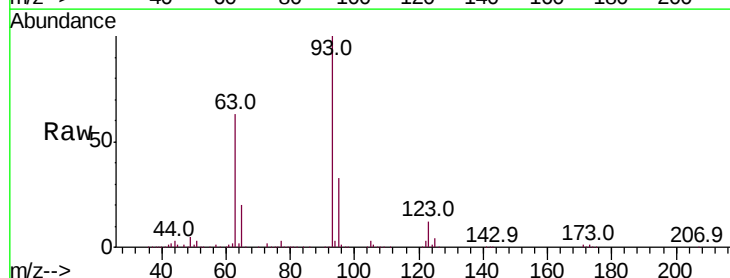
Tgt Ion: 93 Resp: 477366

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

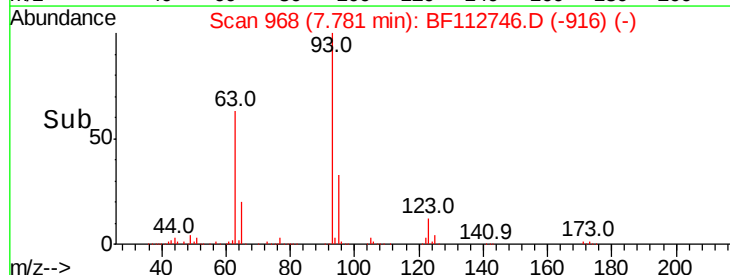
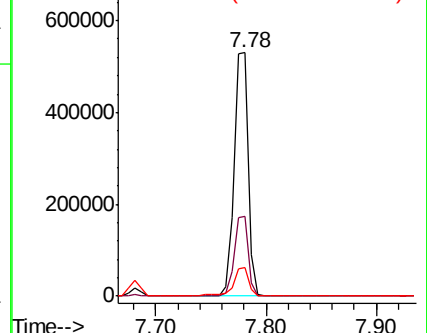
123 11.9 9.3 13.9

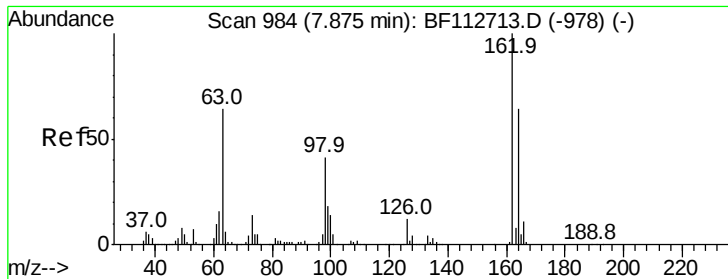


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

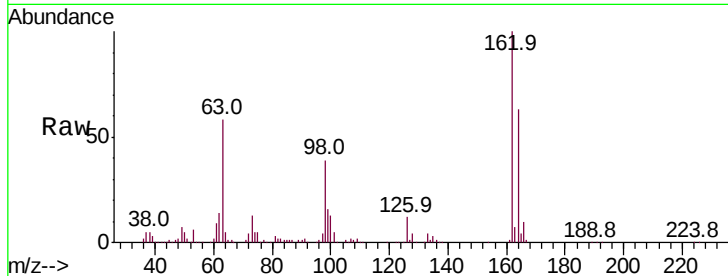




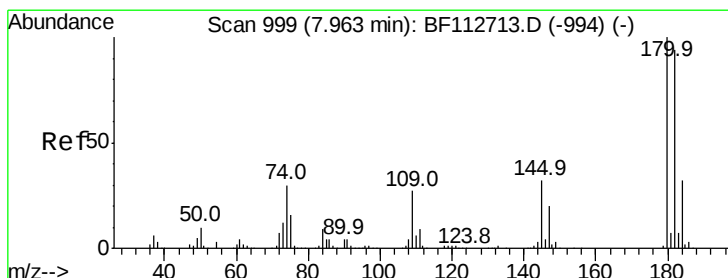
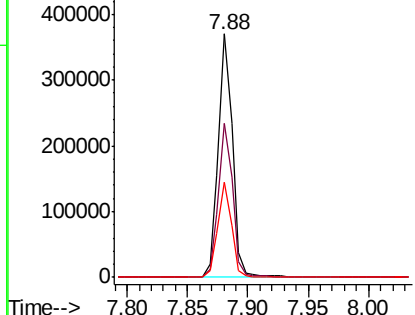
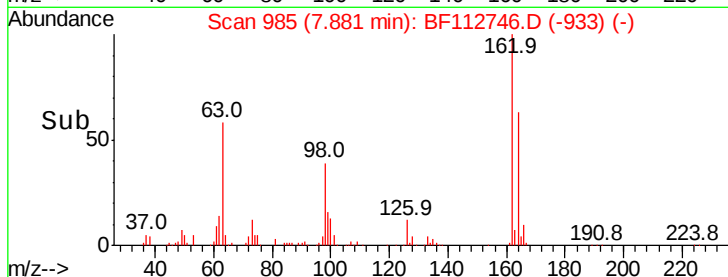
#29
2,4-Dichlorophenol
Concen: 40.423 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.0	84.0
98	39.1	20.7	60.7

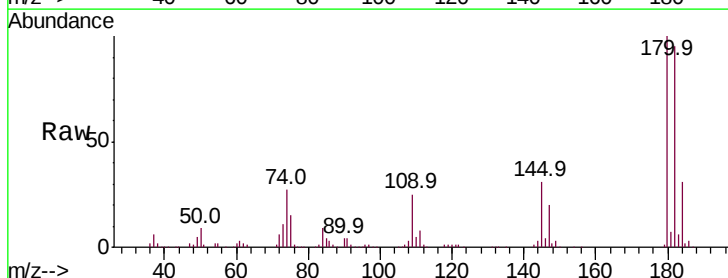


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

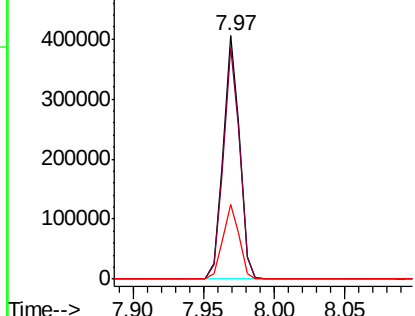
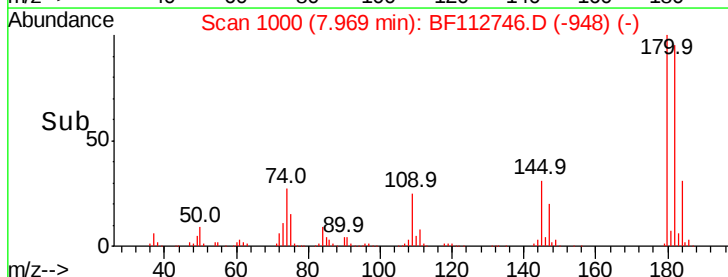


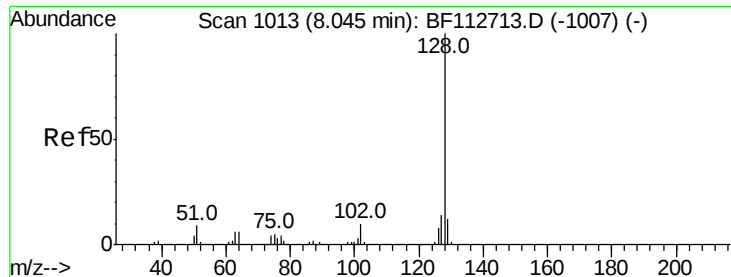
#30
1,2,4-Trichlorobenzene
Concen: 41.234 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.2	112.8
145	30.6	25.4	38.0



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

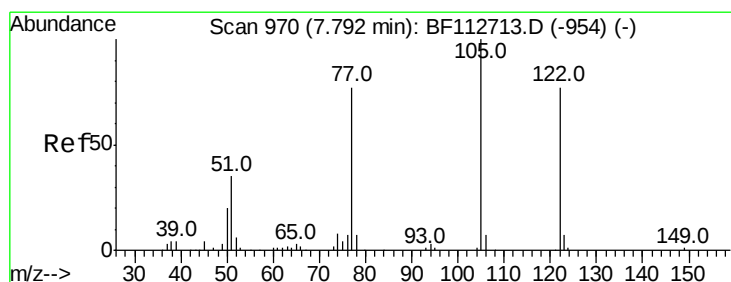
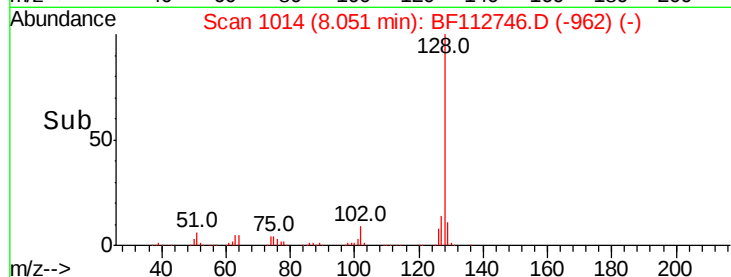
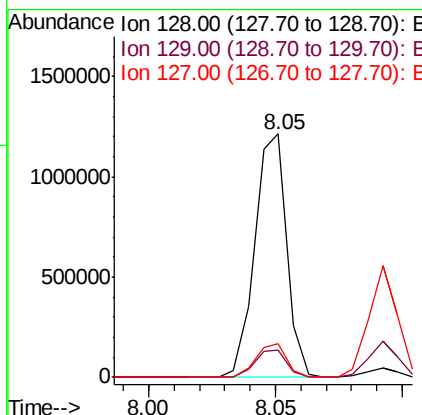
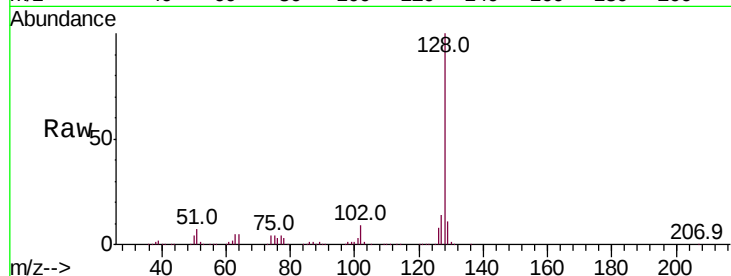




#31
Naphthalene
Concen: 40.726 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

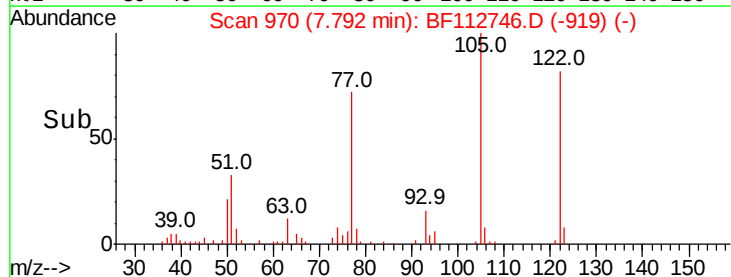
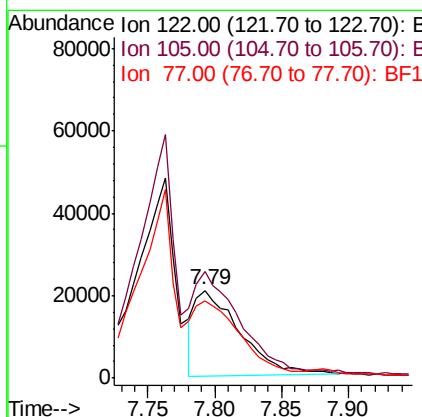
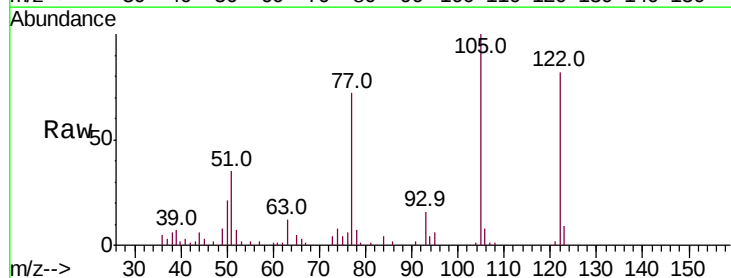
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

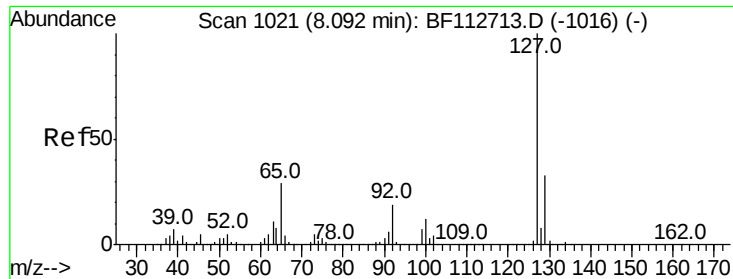
Tot Ion:128 Resp: 1062630
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 9.067 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:122 Resp: 48111
Ion Ratio Lower Upper
122 100
105 122.3 106.8 146.8
77 88.7 79.4 119.4

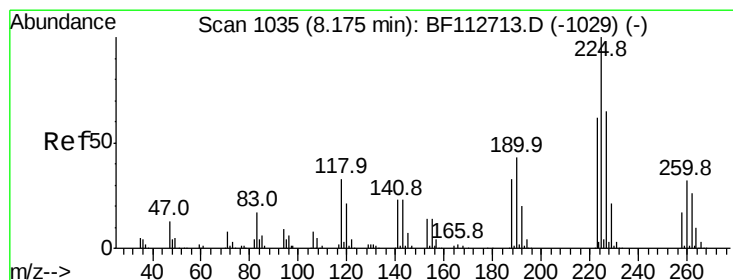
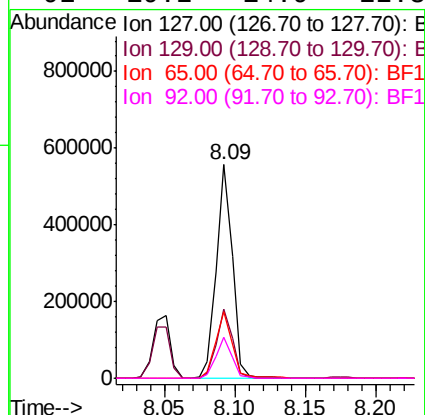
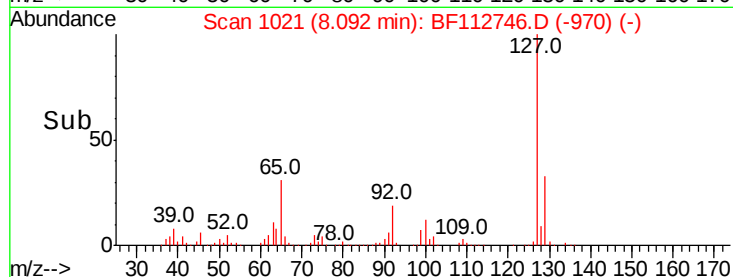
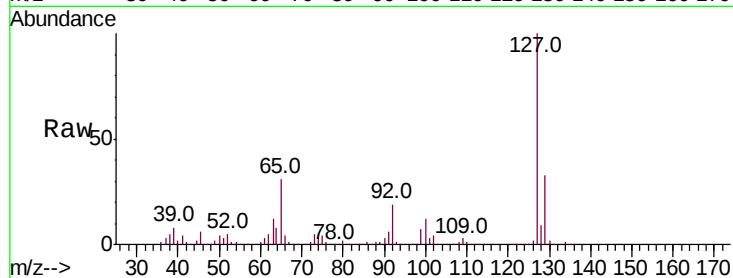




#33
4-Chloroaniline
Concen: 40.114 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

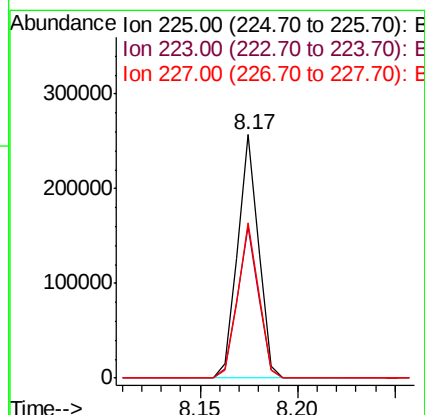
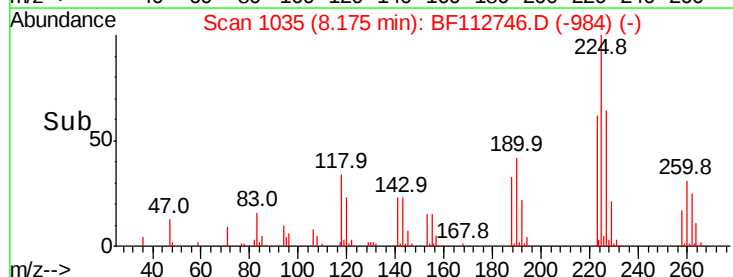
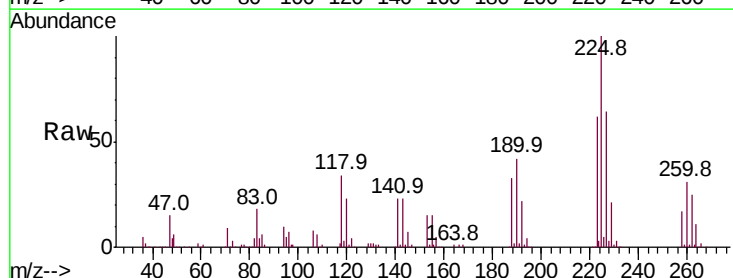
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

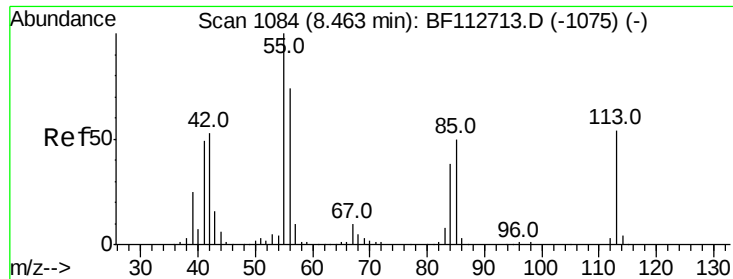
Tot Ion:	127	Resp:	443306
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	31.3	23.1	34.7
92	19.2	14.9	22.3



#34
Hexachlorobutadiene
Concen: 43.178 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:	225	Resp:	192087
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.8	52.1	78.1

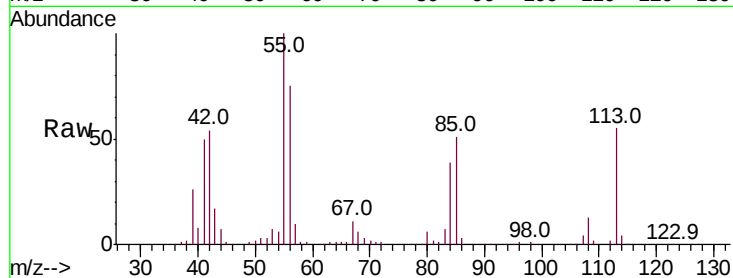




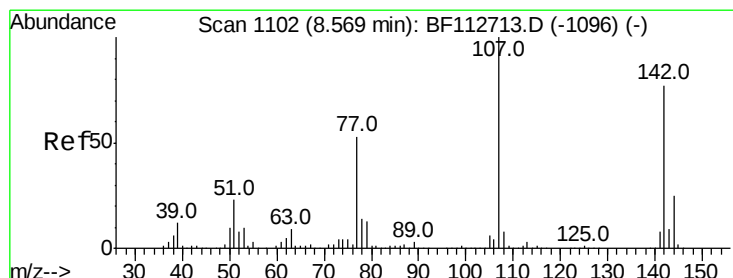
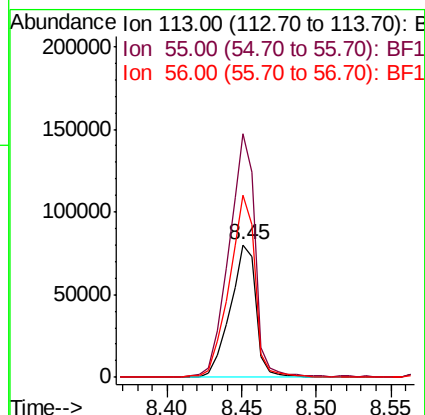
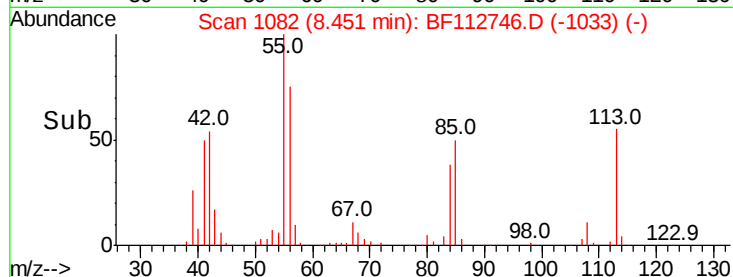
#35
Caprolactam
Concen: 37.813 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 97772
Ion Ratio Lower Upper
113 100
55 183.5 163.5 203.5
56 136.9 115.3 155.3

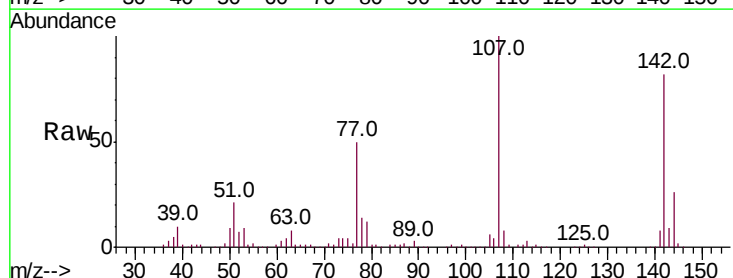


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

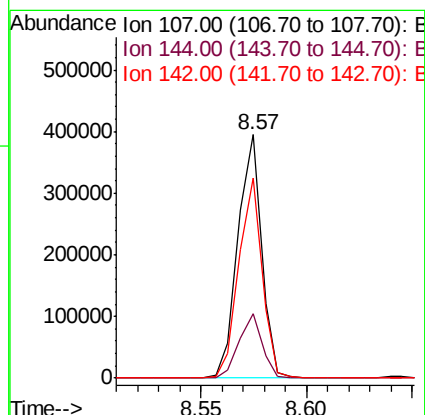
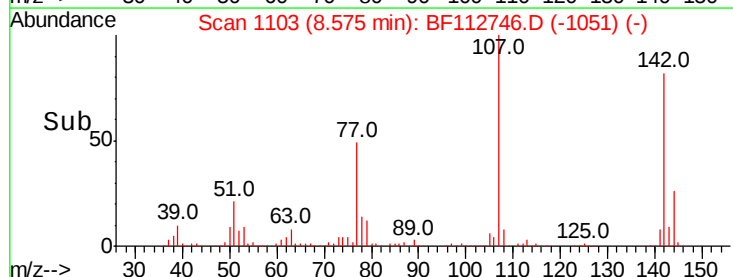


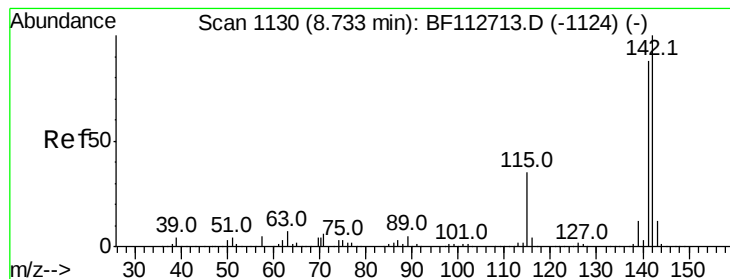
#36
4-Chloro-3-methylphenol
Concen: 37.673 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:107 Resp: 306078
Ion Ratio Lower Upper
107 100
144 26.4 20.1 30.1
142 82.1 61.9 92.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.438 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

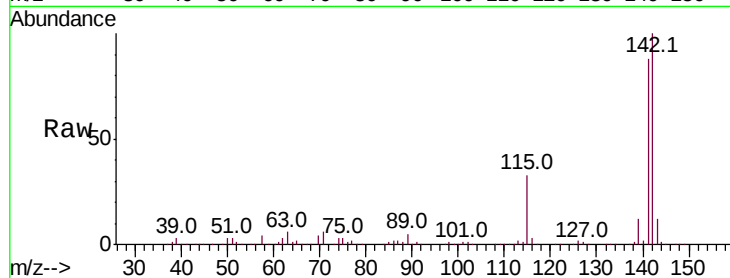
Tot Ion:142 Resp: 664533

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

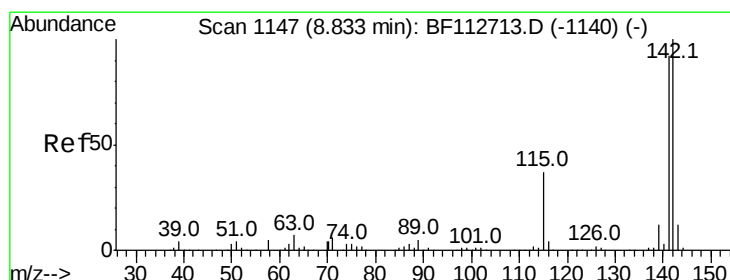
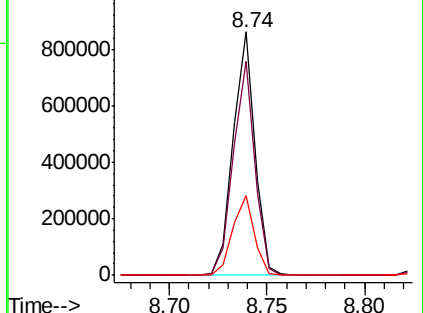
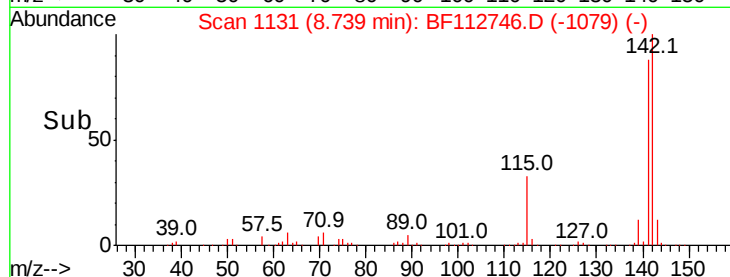
115 33.0 27.8 41.6



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: 38.738 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

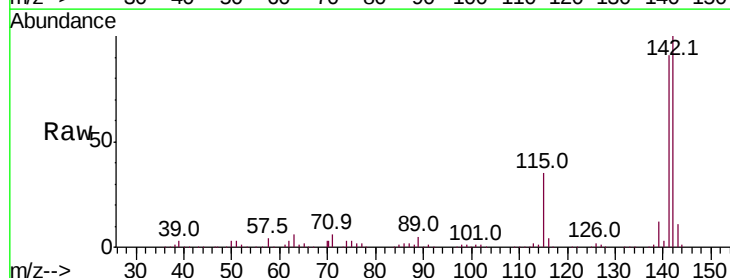
Tgt Ion:142 Resp: 632297

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

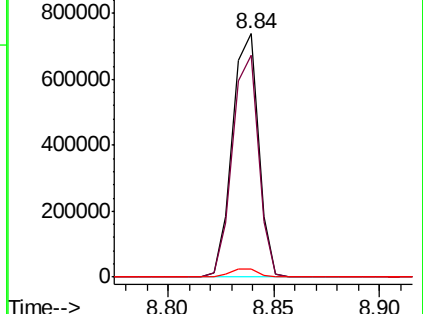
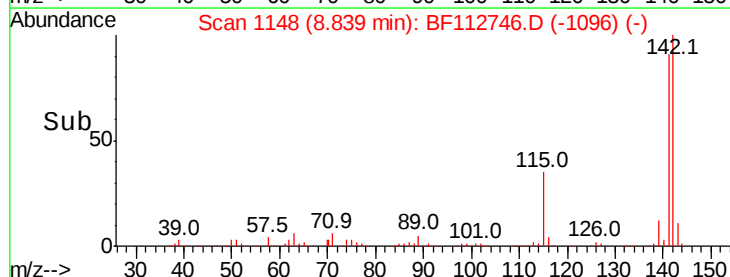
116 3.5 3.1 4.7

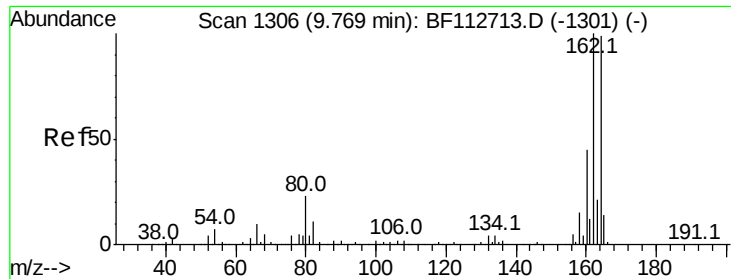


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

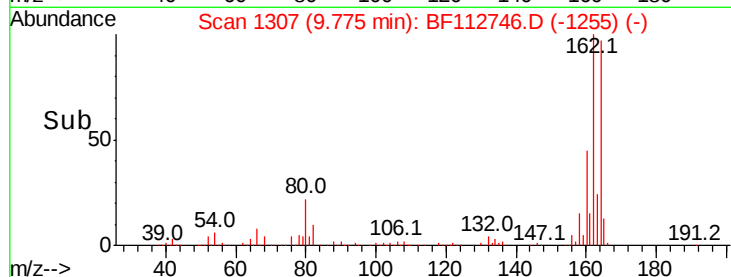
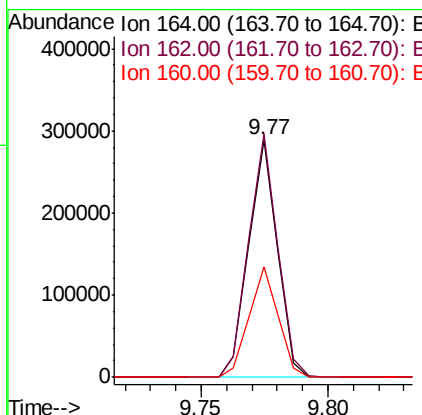
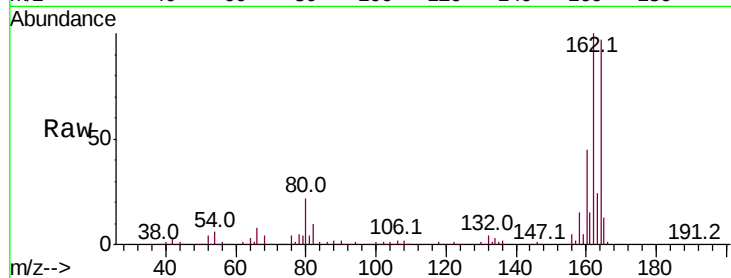




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

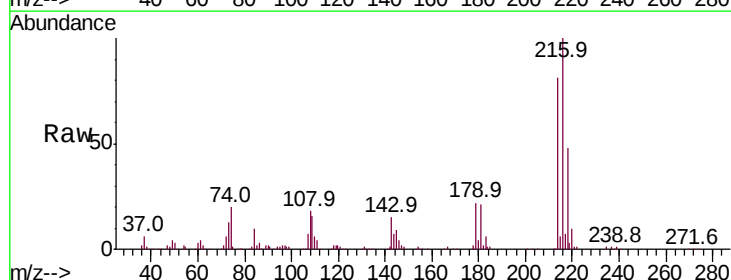
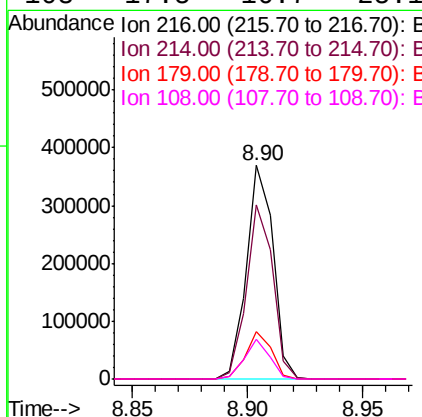
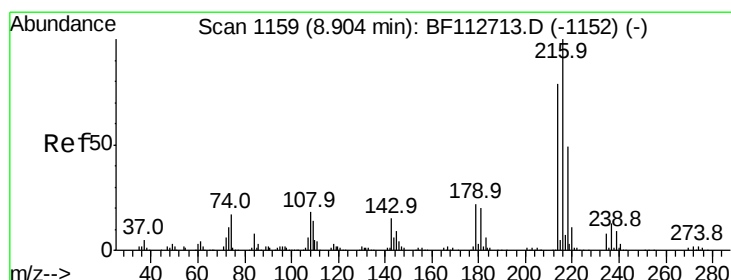
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

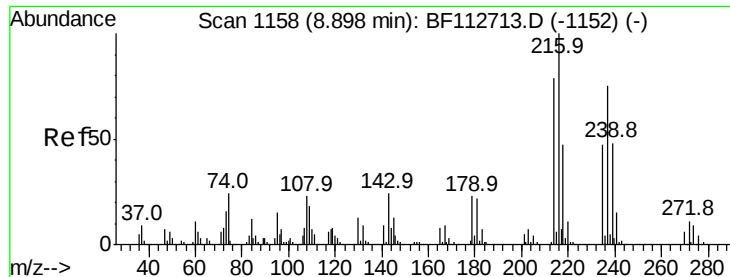
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.5	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.136 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.2	94.8
179	21.5	17.5	26.3
108	17.5	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 2.766 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

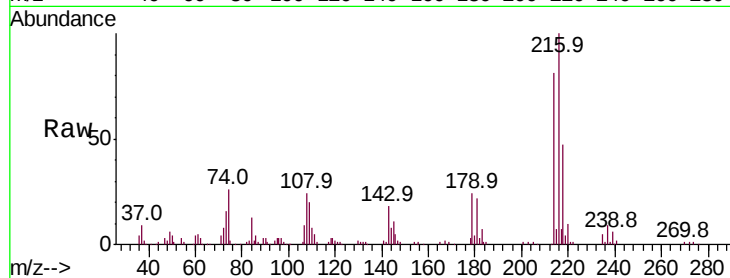
Tot Ion:237 Resp: 10080

Ion Ratio Lower Upper

237 100

235 59.5 42.2 82.2

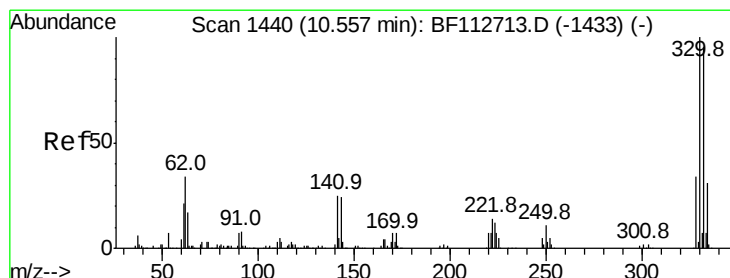
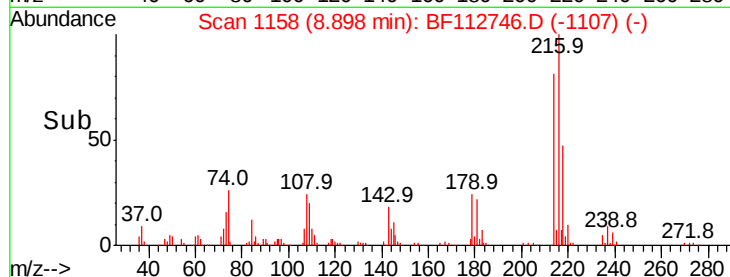
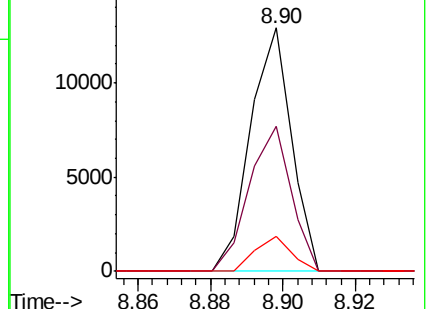
272 14.2 0.0 34.0



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: 94.737 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

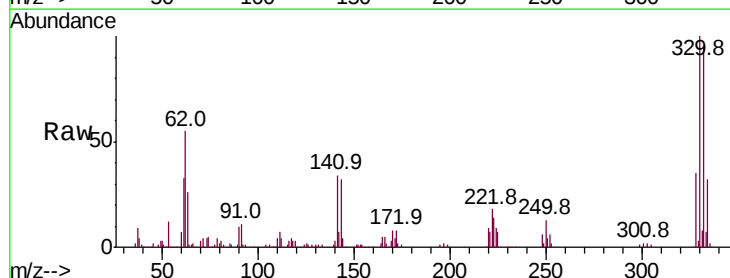
Tgt Ion:330 Resp: 229496

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

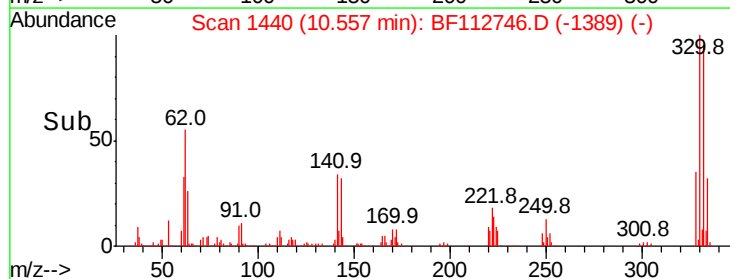
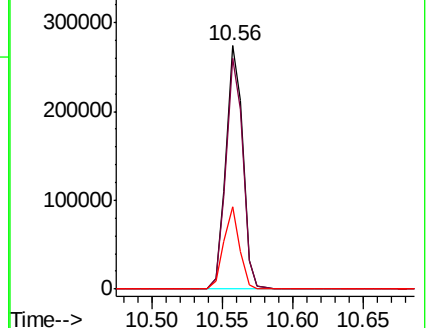
141 31.4 27.0 40.6

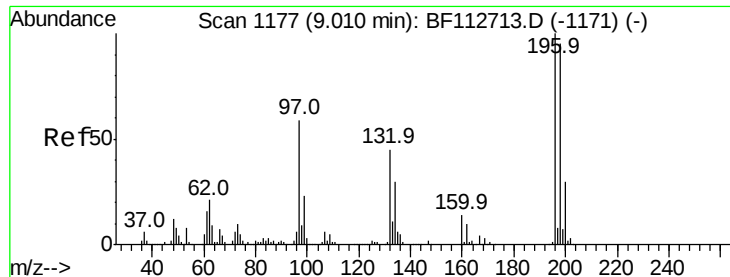


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

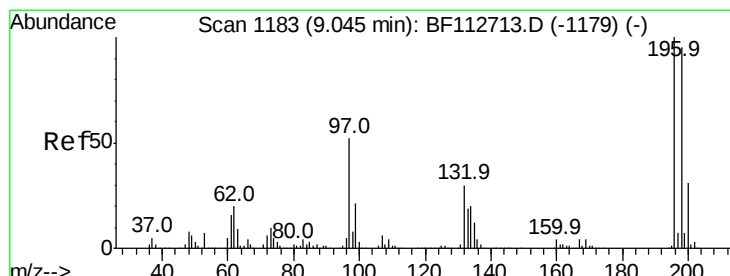
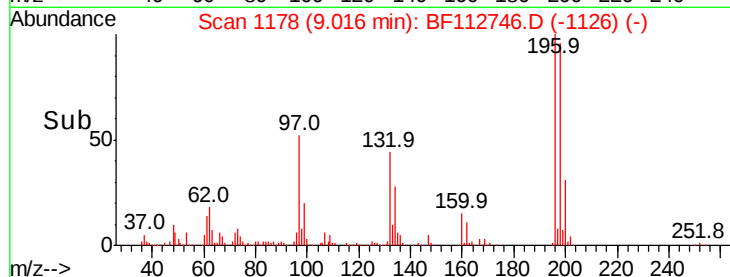
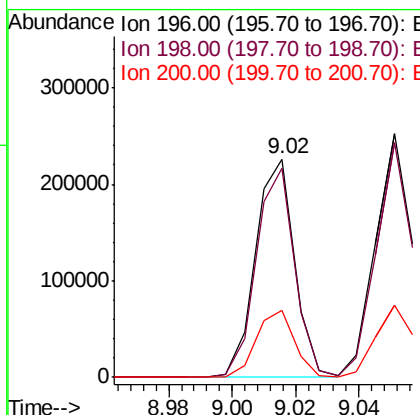
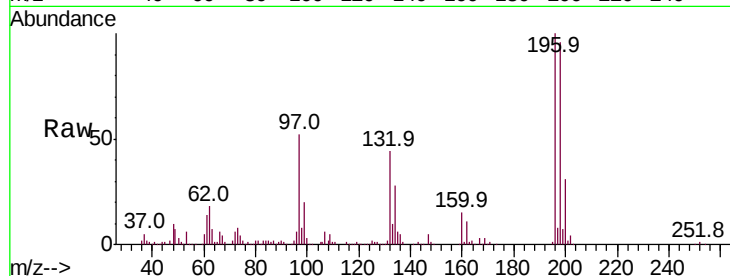




#43
 2,4,6-Trichlorophenol
 Concen: 42.222 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

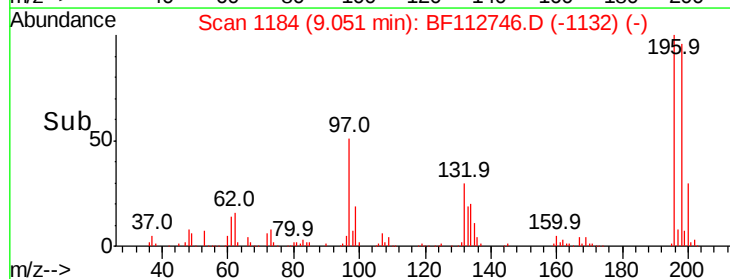
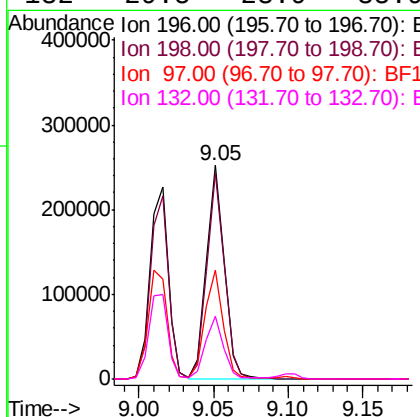
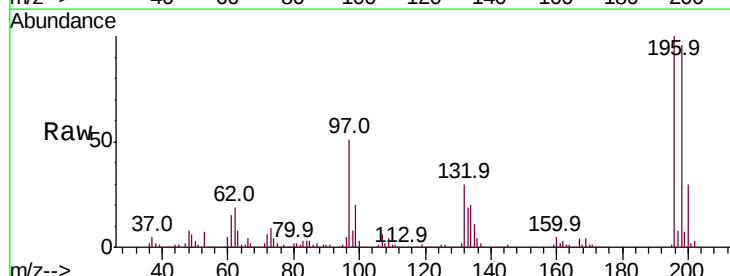
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

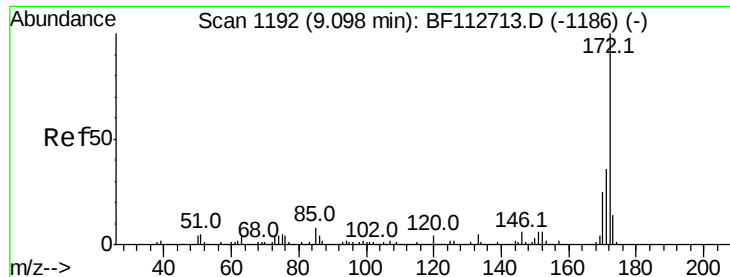
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.8
200	30.7	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.236 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.2
97	51.1	41.5	62.3
132	29.5	23.9	35.9

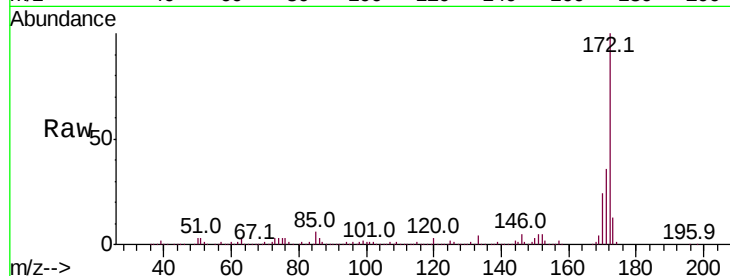




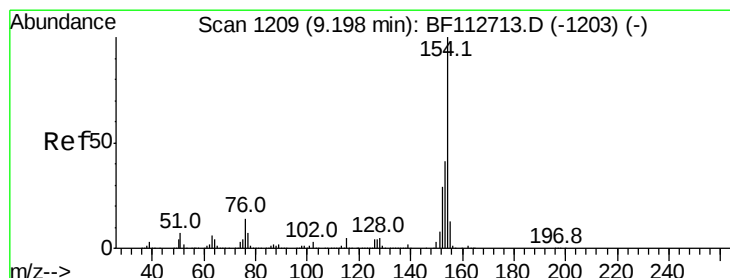
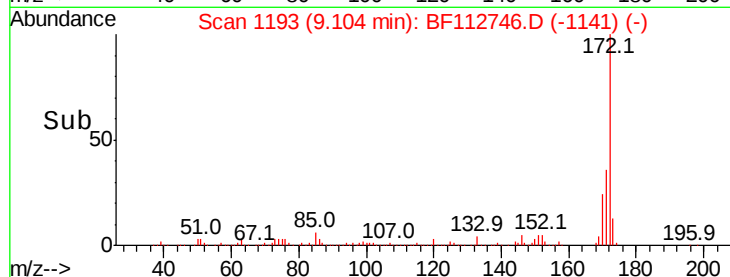
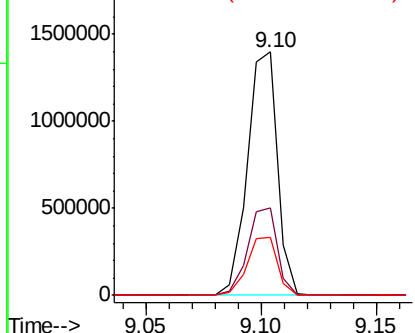
#45
2-Fluorobiphenyl
Concen: 97.784 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1273802
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.0 20.0 30.0

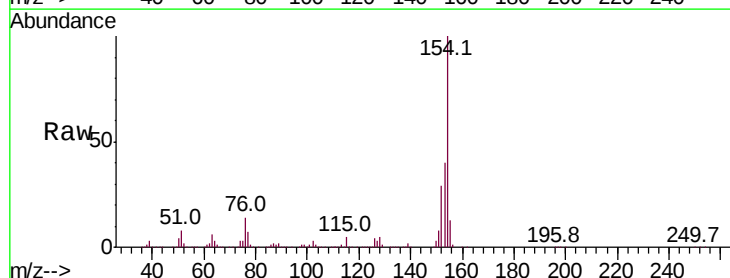


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

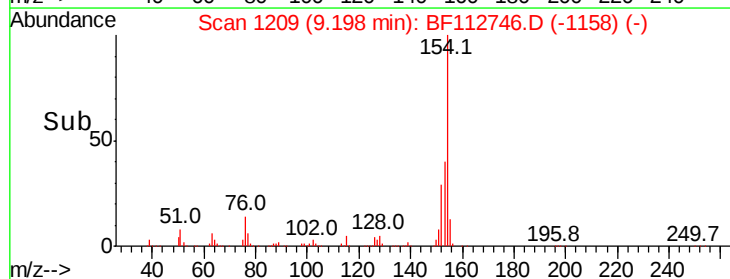
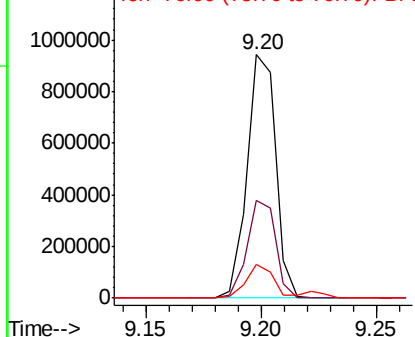


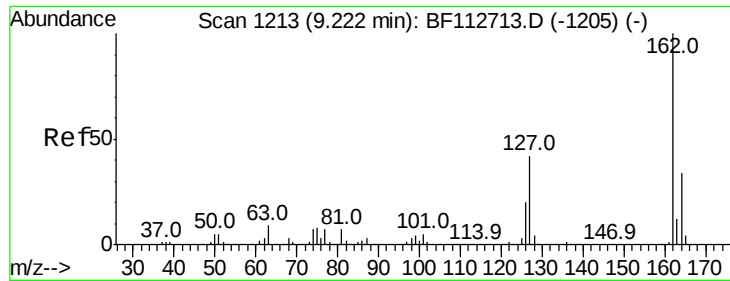
#46
1,1'-Biphenyl
Concen: 43.999 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:154 Resp: 818908
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 13.9 0.0 33.8



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

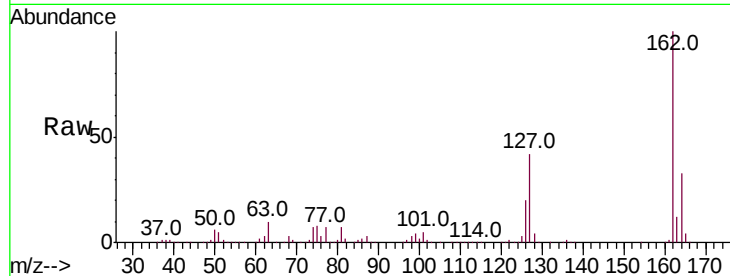




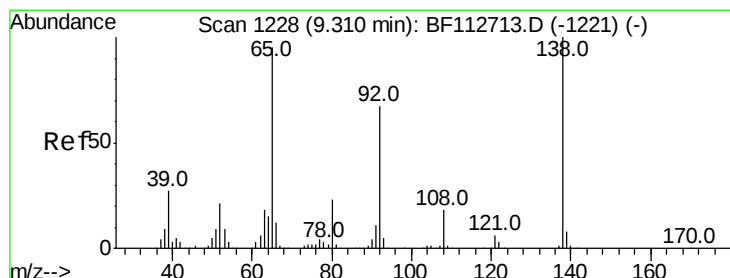
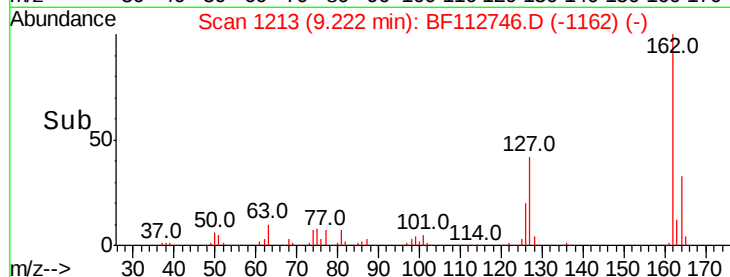
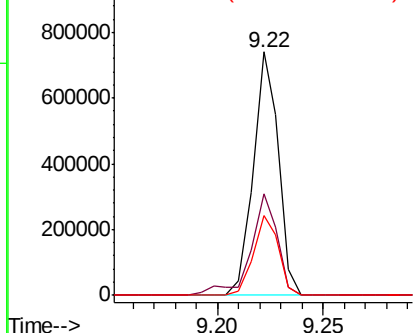
#47
 2-Chloronaphthalene
 Concen: 42.104 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 611888
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.4 50.2
 164 33.0 26.9 40.3

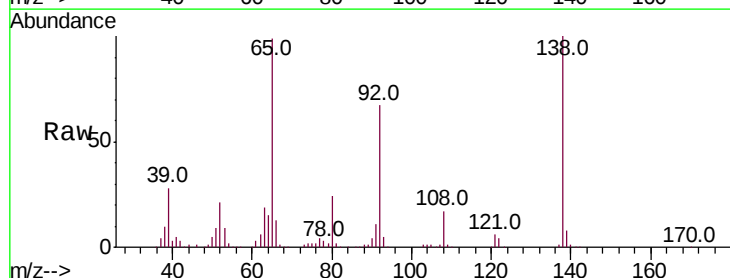


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

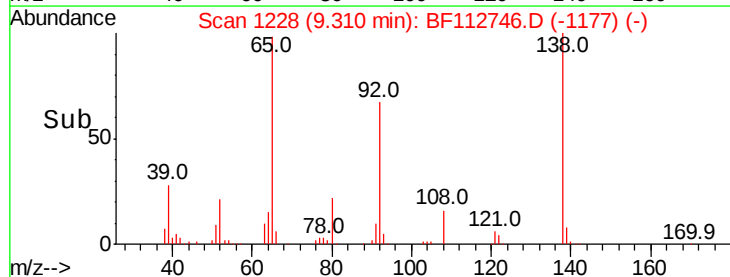
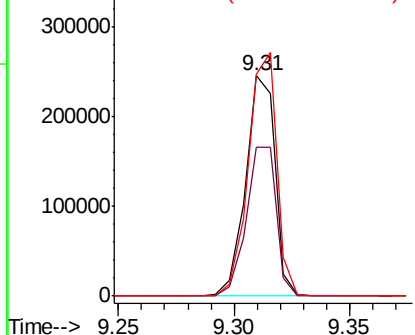


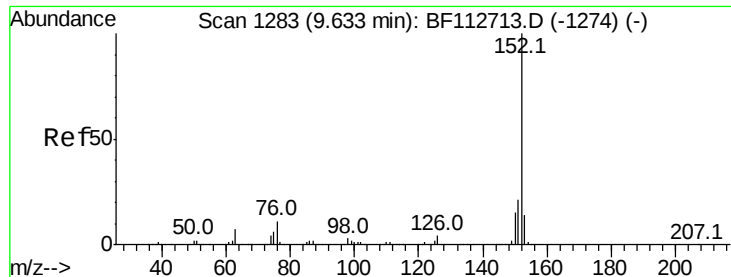
#48
 2-Nitroaniline
 Concen: 49.364 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion: 65 Resp: 218059
 Ion Ratio Lower Upper
 65 100
 92 67.9 56.4 84.6
 138 101.0 84.6 126.8



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





#49

Acenaphthylene

Concen: 41.338 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

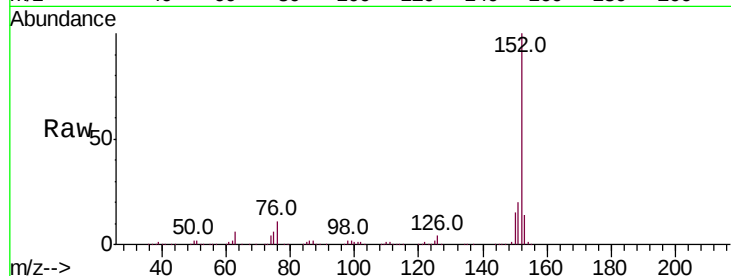
Tot Ion:152 Resp: 1019868

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

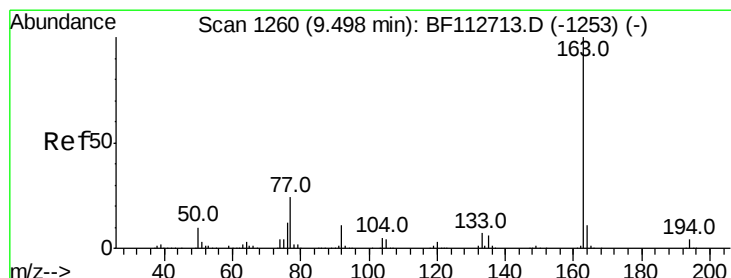
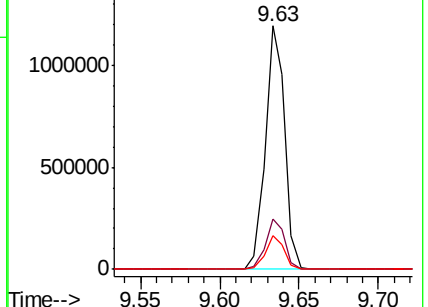
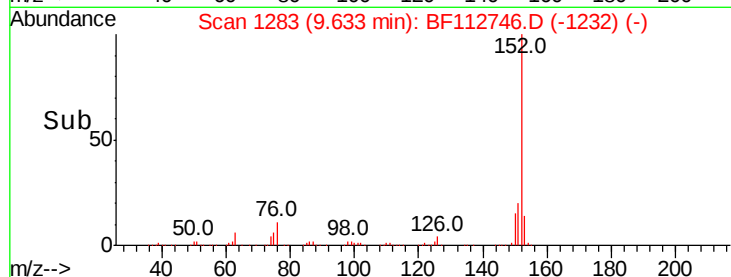
153 13.9 11.0 16.6



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: 41.160 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

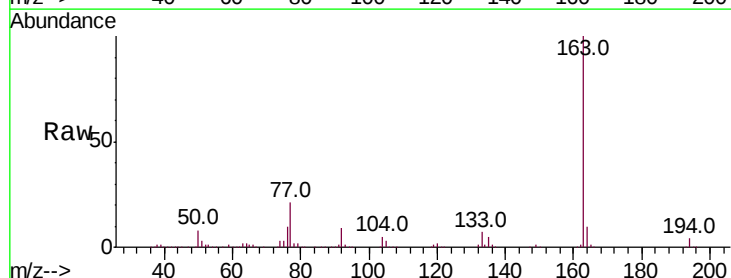
Tgt Ion:163 Resp: 692515

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

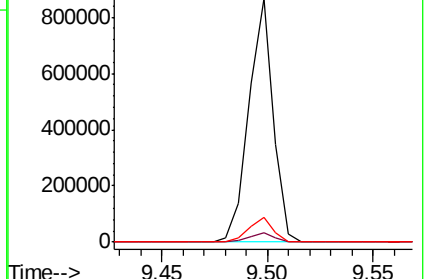
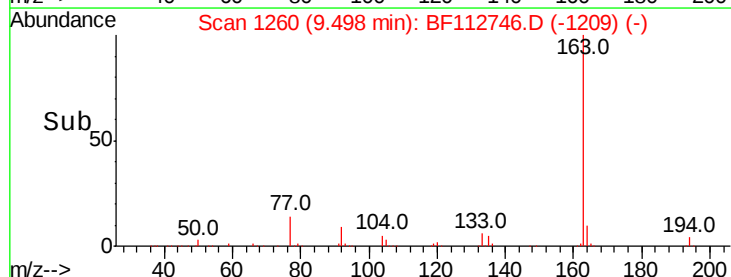
164 10.0 8.4 12.6

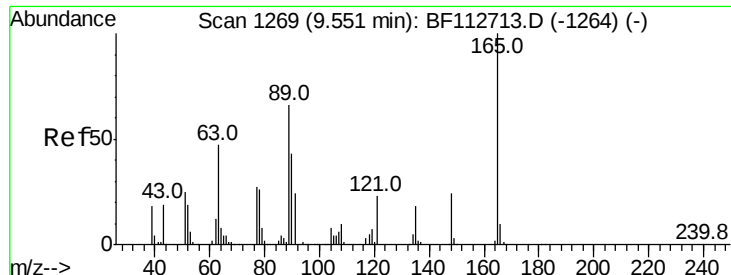


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 33.411 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

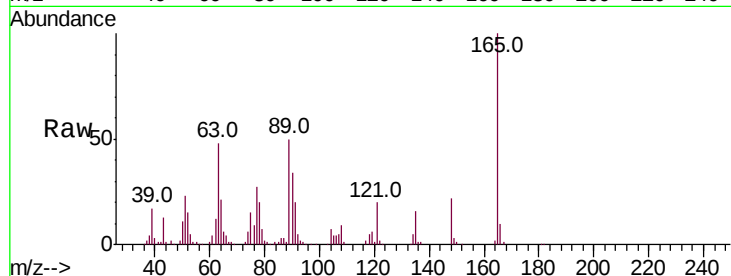
Tot Ion:165 Resp: 117062

Ion Ratio Lower Upper

165 100

63 47.9 54.1 81.1#

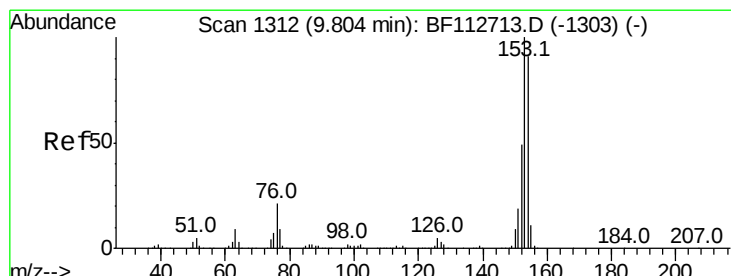
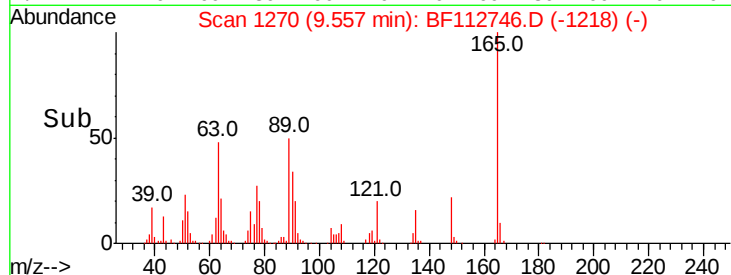
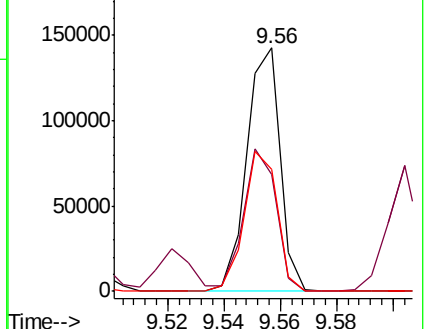
89 50.1 52.8 79.2#



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: 39.537 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

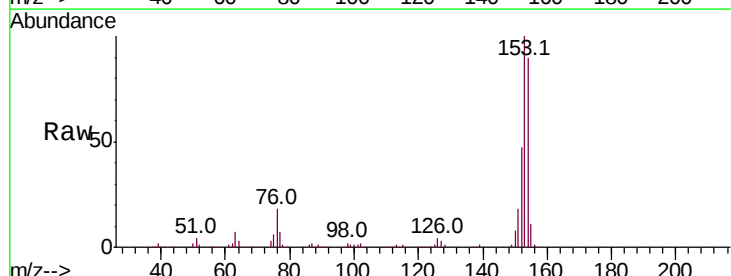
Tgt Ion:154 Resp: 570435

Ion Ratio Lower Upper

154 100

153 111.0 87.8 131.8

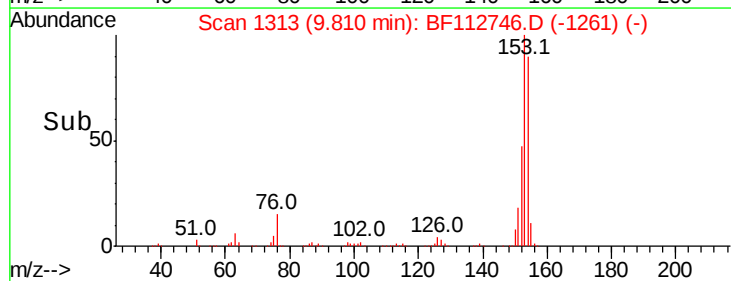
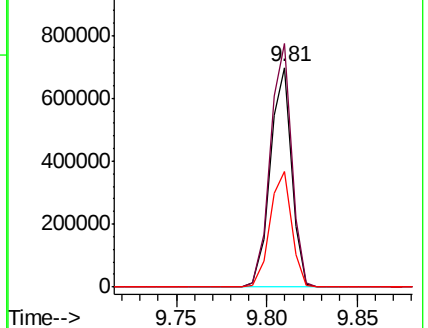
152 52.7 43.0 64.6

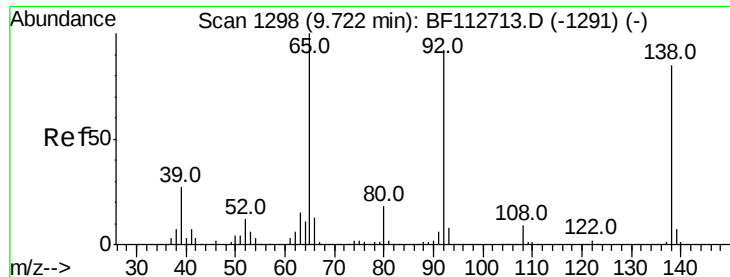


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

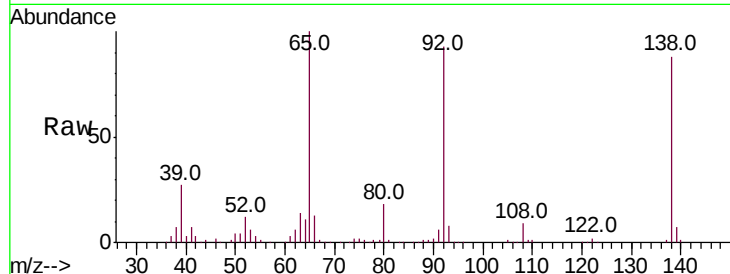




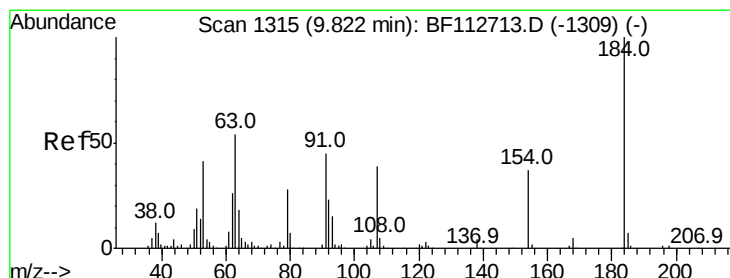
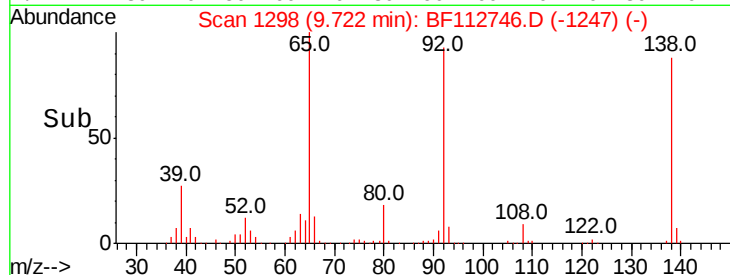
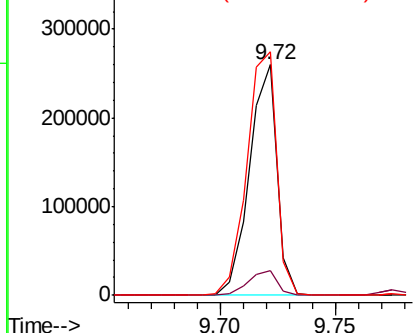
#53
3-Nitroaniline
Concen: 51.051 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 217948
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 105.7 86.6 129.8

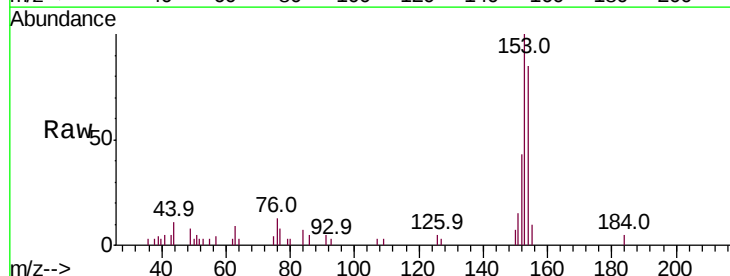


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

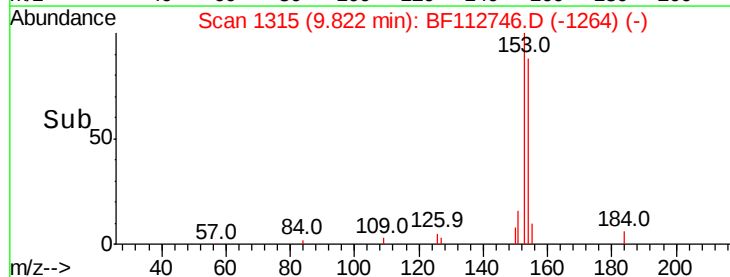
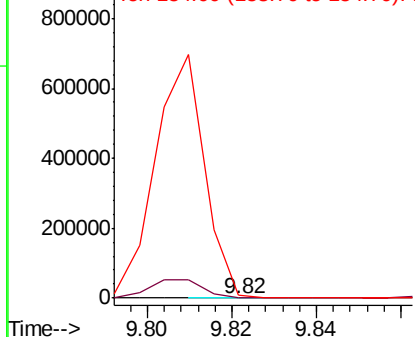


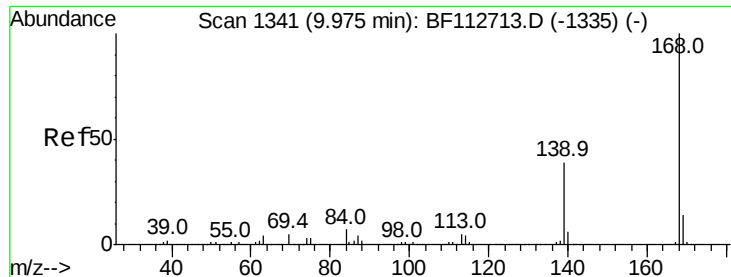
#54
2,4-Dinitrophenol
Concen: 6.818 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:184 Resp: 568
Ion Ratio Lower Upper
184 100
63 169.1 45.3 67.9#
154 1553.4 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.412 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

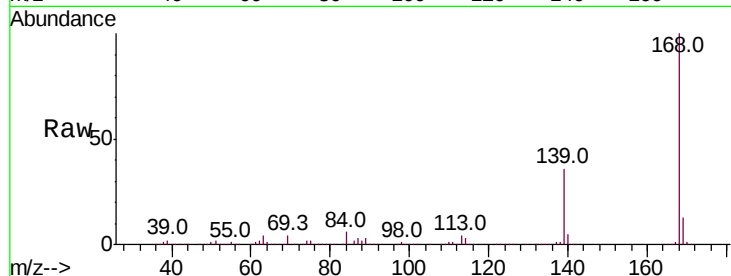
Tot Ion:168 Resp: 868390

Ion Ratio Lower Upper

168 100

139 36.1 31.3 46.9

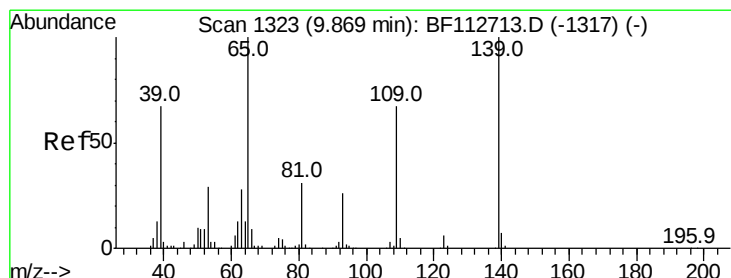
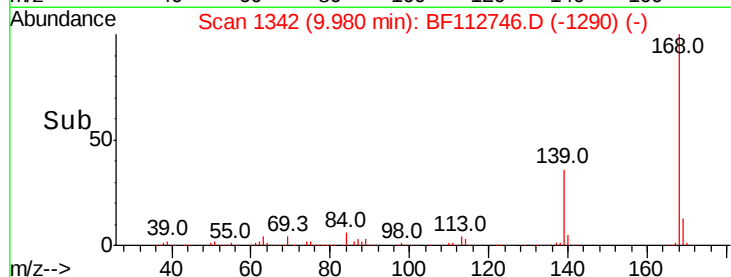
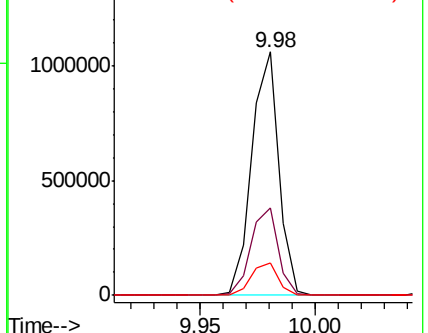
169 13.3 11.3 16.9



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: 38.589 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

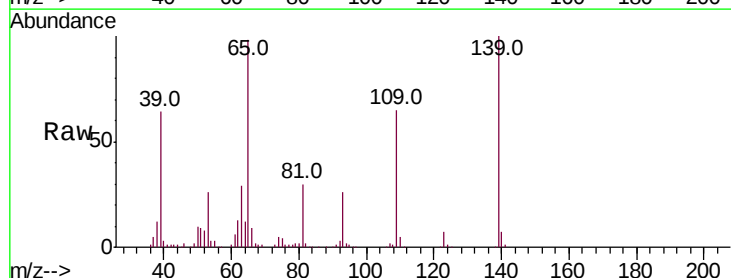
Tgt Ion:139 Resp: 133893

Ion Ratio Lower Upper

139 100

109 65.4 46.8 86.8

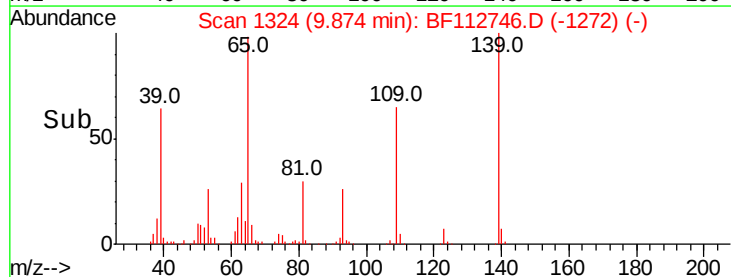
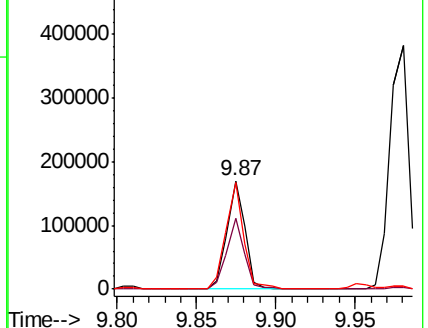
65 98.2 80.7 120.7

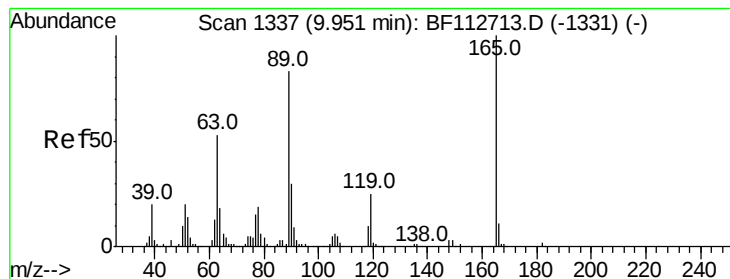


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 30.957 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 134822

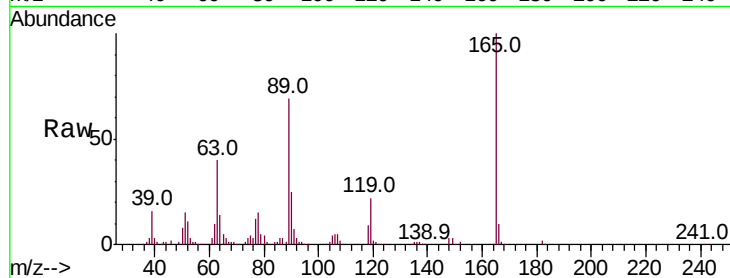
Ion Ratio Lower Upper

165 100

63 40.3 42.2 63.2#

89 69.5 66.2 99.4

182 2.3 1.8 2.6

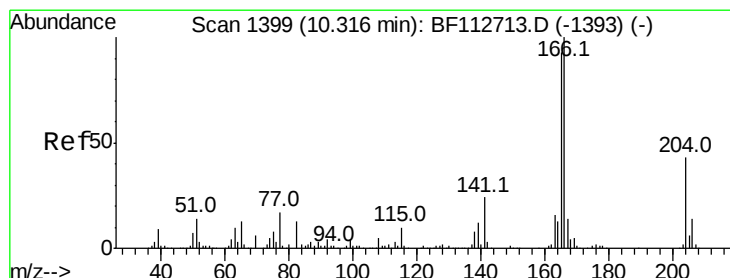
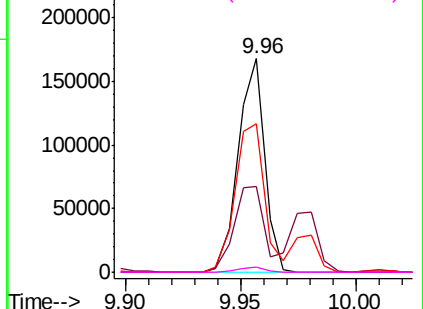
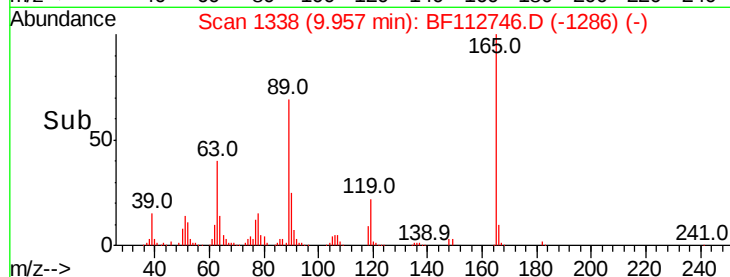


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.916 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

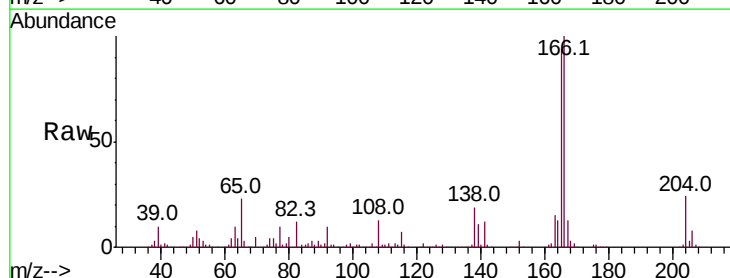
Tgt Ion:166 Resp: 638726

Ion Ratio Lower Upper

166 100

165 94.2 74.7 112.1

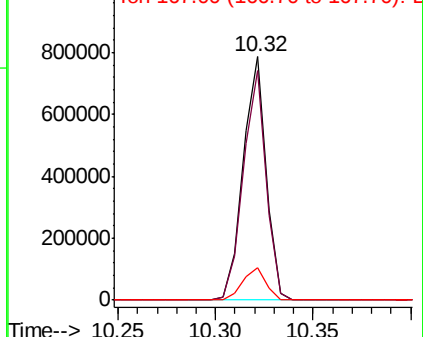
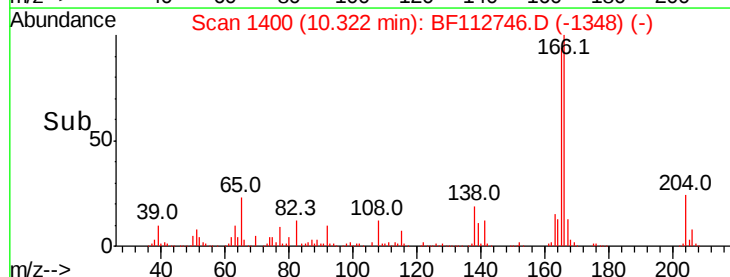
167 13.5 11.0 16.6

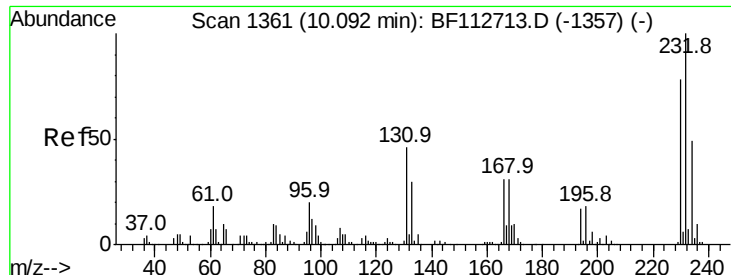


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

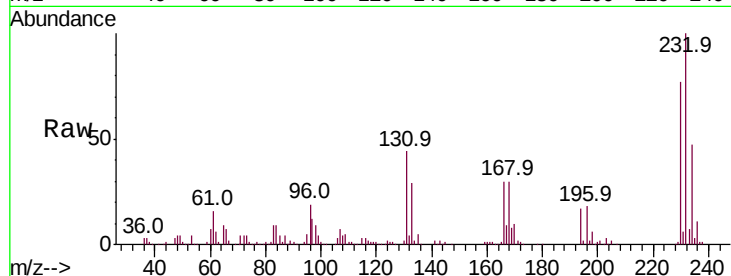




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.866 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	38.7	58.1
130	2.2	1.9	2.9
166	30.1	25.2	37.8



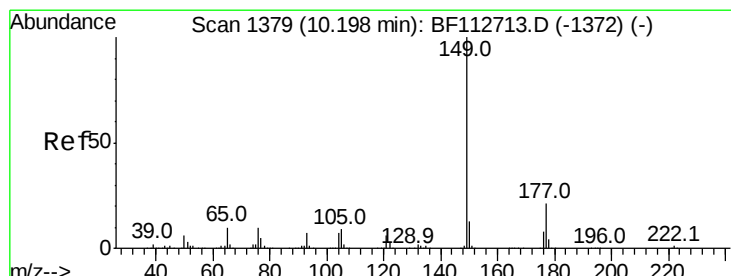
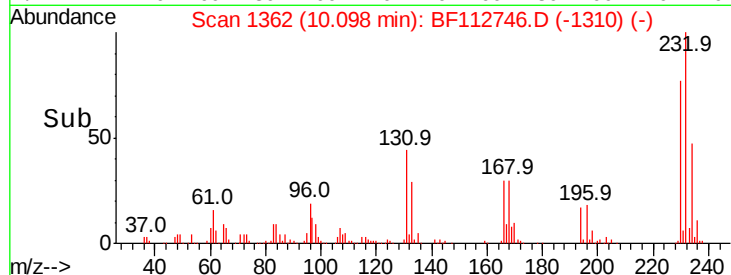
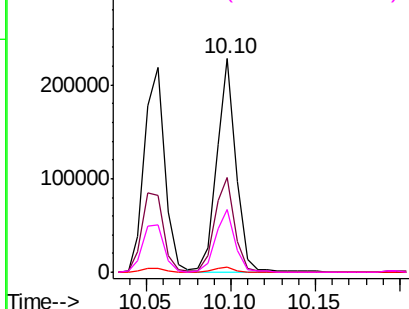
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

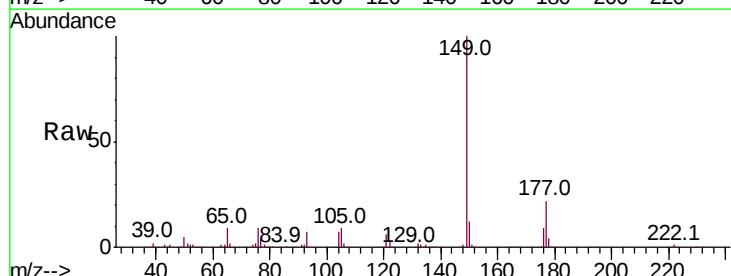
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.354 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.2	10.0	15.0

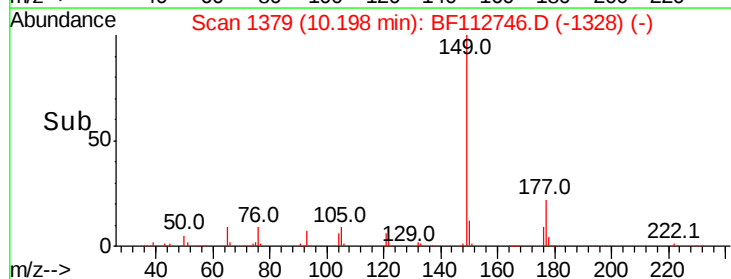
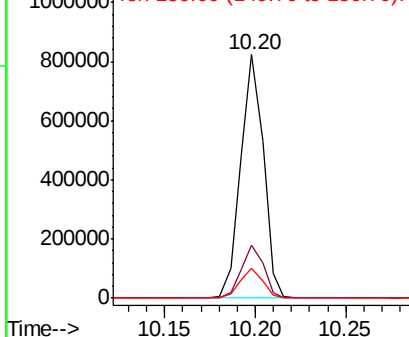


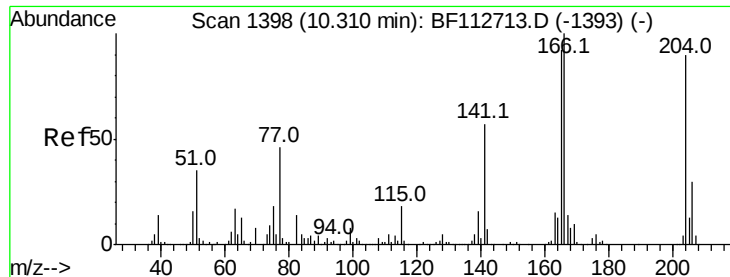
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

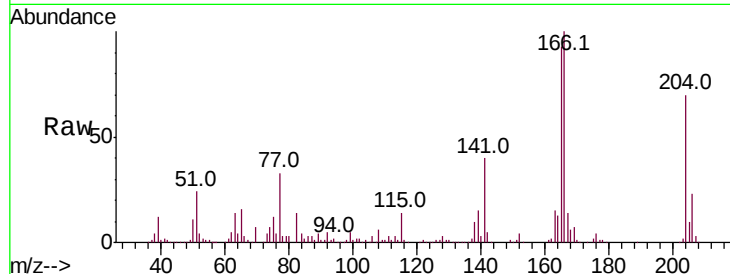




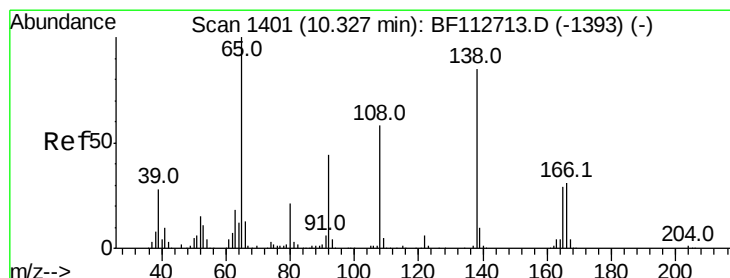
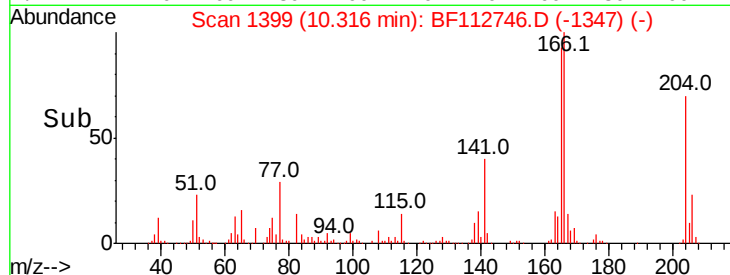
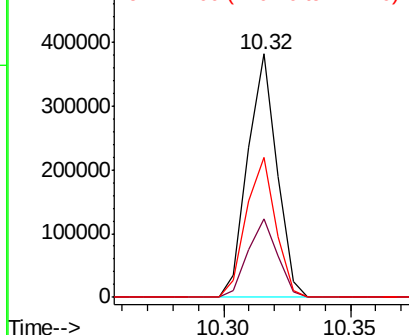
#61
 4-Chlorophenyl-phenylether
 Concen: 44.229 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:204 Resp: 306267
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.6 40.0
 141 57.7 50.8 76.2

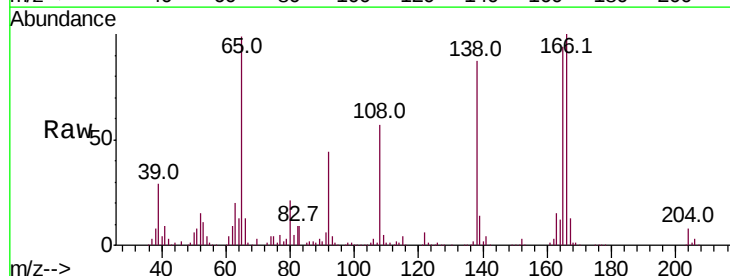


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

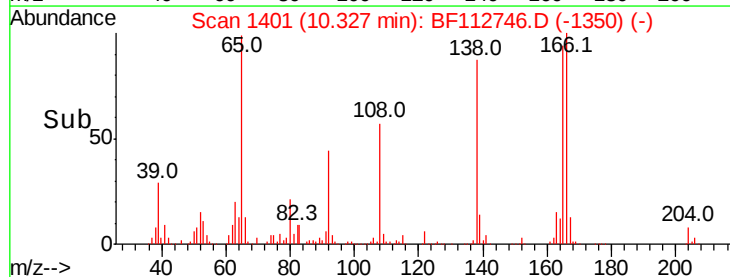
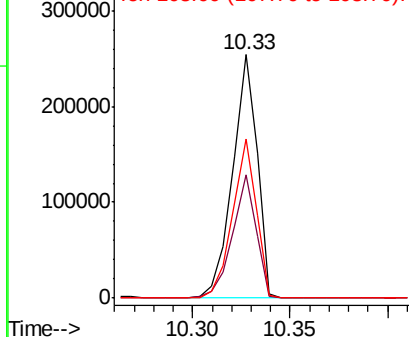


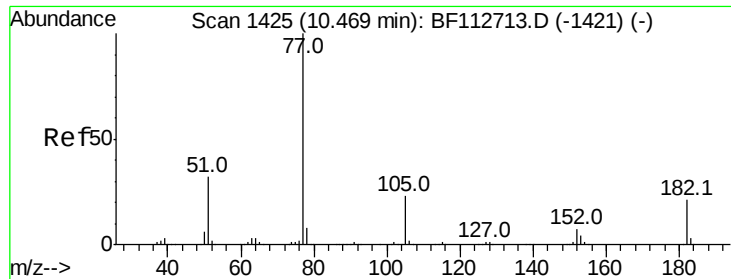
#62
 4-Nitroaniline
 Concen: 56.088 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:138 Resp: 221269
 Ion Ratio Lower Upper
 138 100
 92 50.9 31.3 71.3
 108 65.6 48.1 88.1



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: 38.318 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 697424

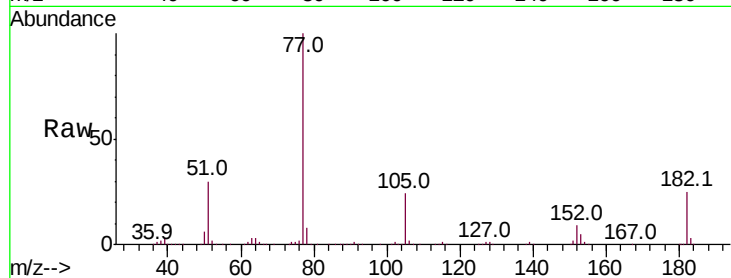
Ion Ratio Lower Upper

77 100

182 25.0 1.4 41.4

105 24.0 2.6 42.6

51 29.6 12.0 52.0

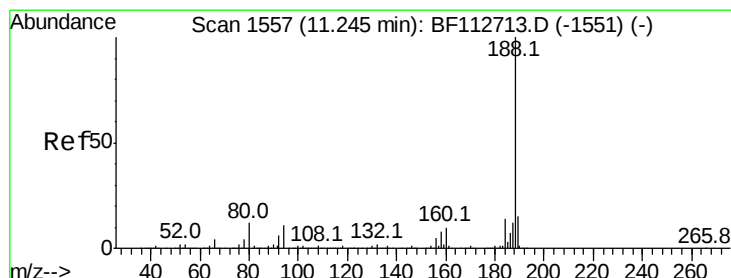
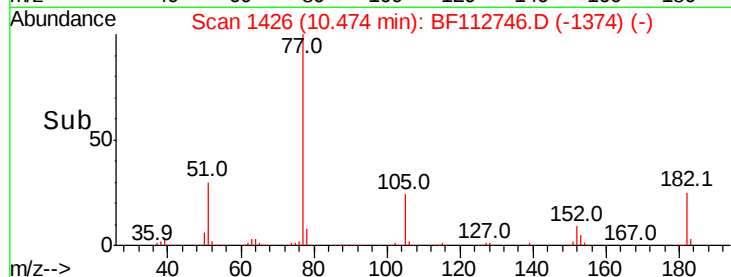
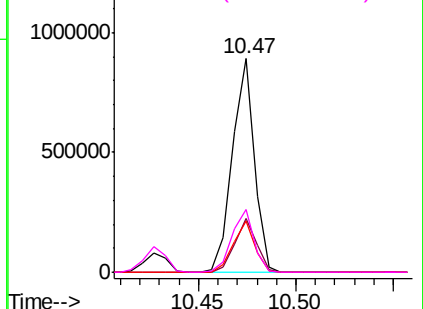


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

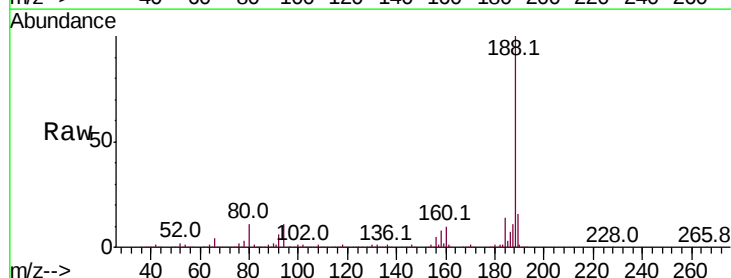
Tgt Ion: 188 Resp: 476195

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

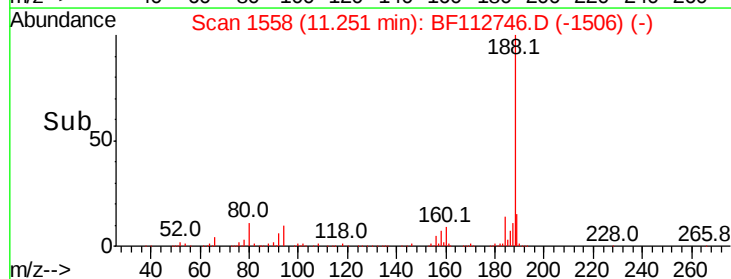
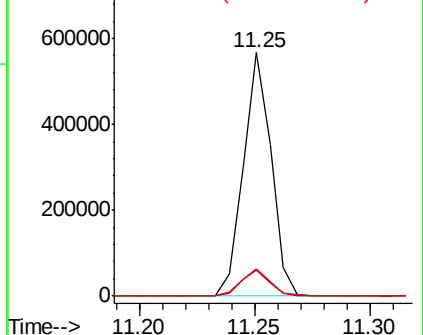
80 11.0 9.2 13.8

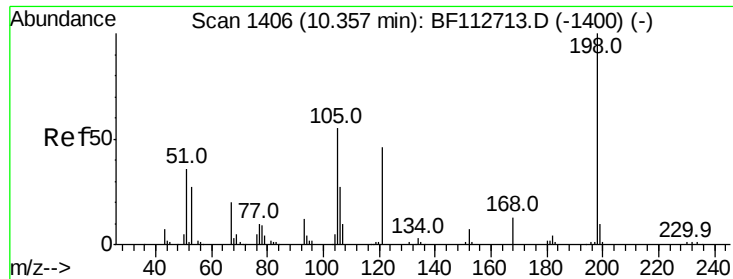


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 5.005 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

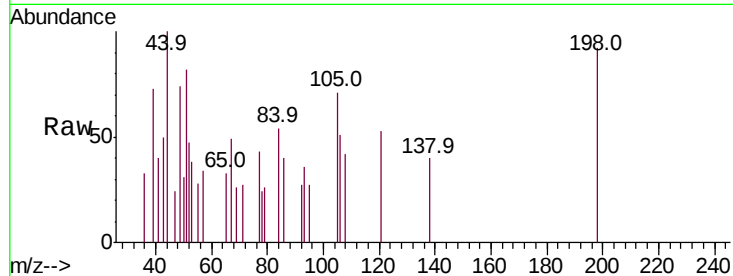
Tot Ion:198 Resp: 849

Ion Ratio Lower Upper

198 100

51 88.7 43.8 83.8#

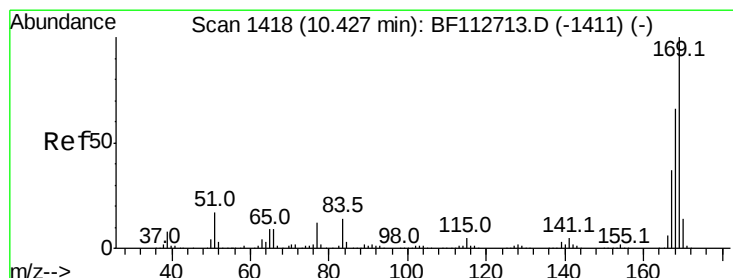
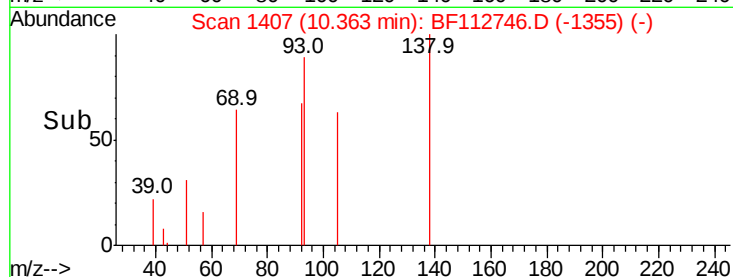
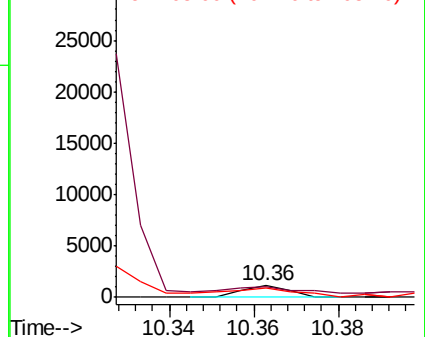
105 77.0 36.5 76.5#



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: 38.925 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

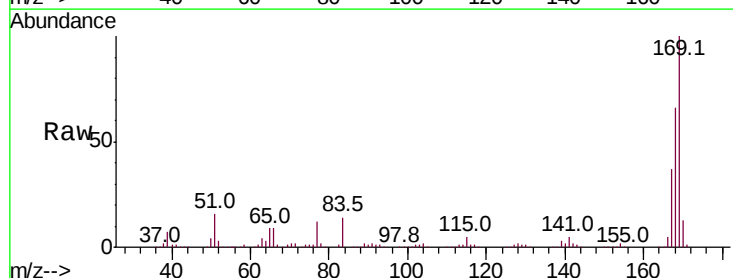
Tgt Ion:169 Resp: 594461

Ion Ratio Lower Upper

169 100

168 66.2 53.0 79.6

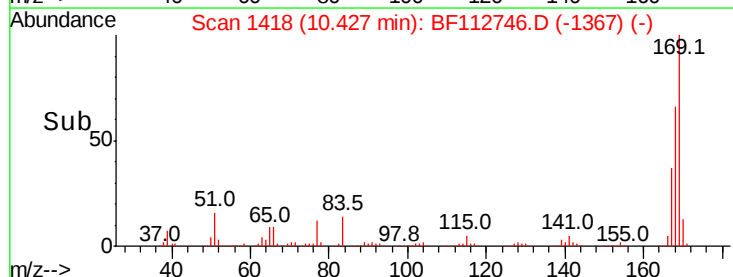
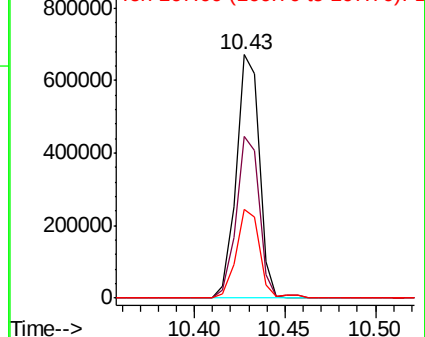
167 36.5 29.3 43.9

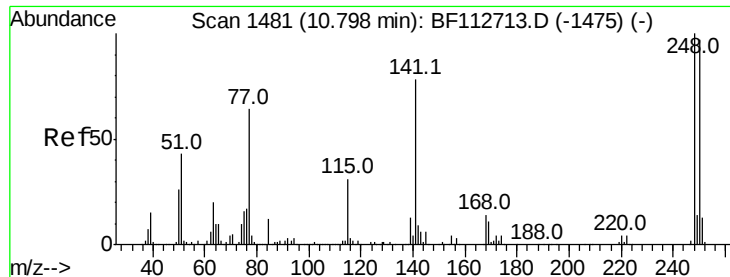


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

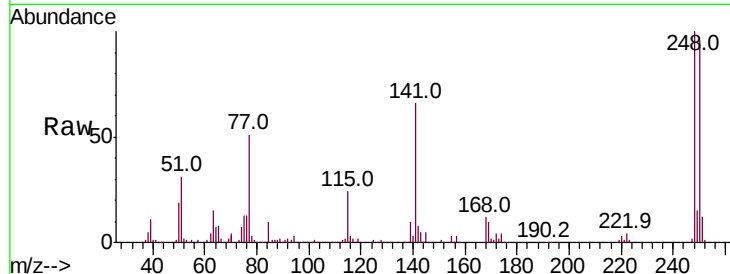




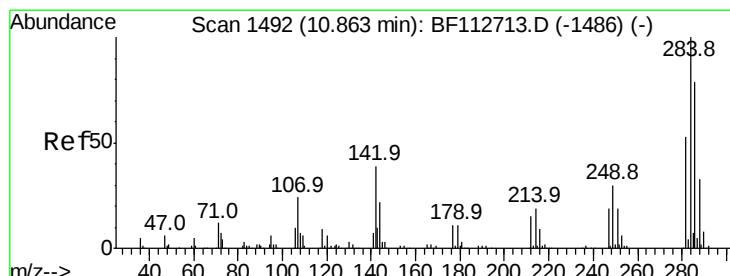
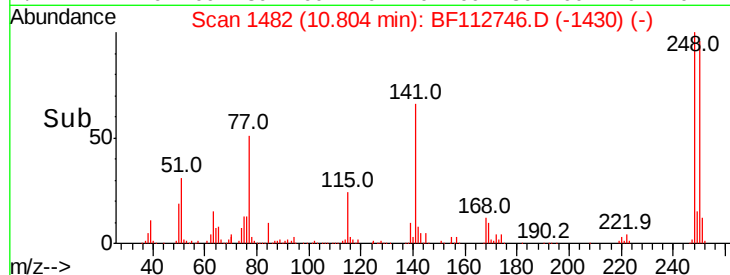
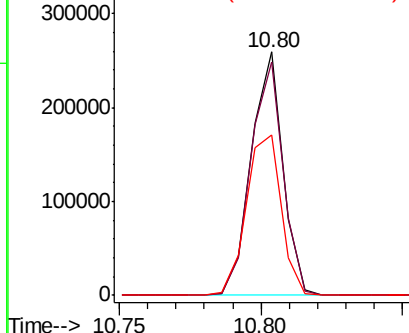
#67
 4-Bromophenyl-phenylether
 Concen: 40.206 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 201662
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.5 116.3
 141 65.9 62.4 93.6

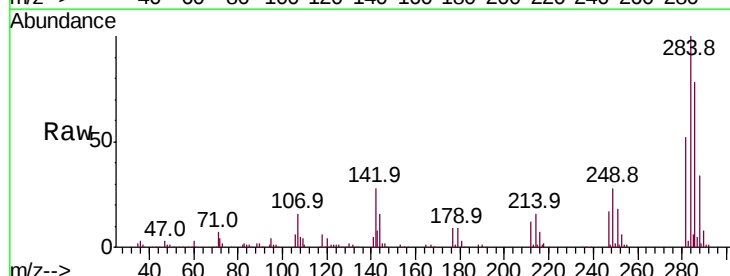


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

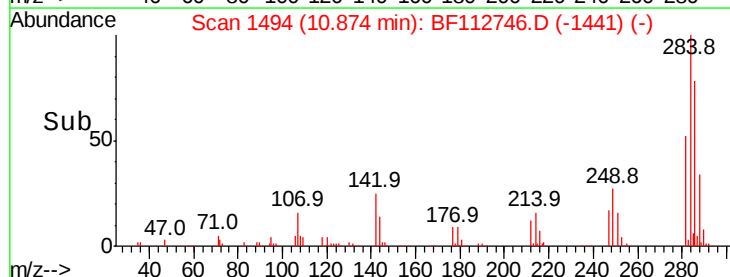
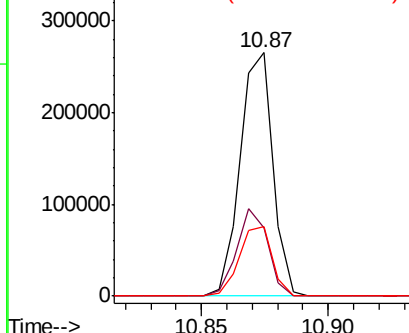


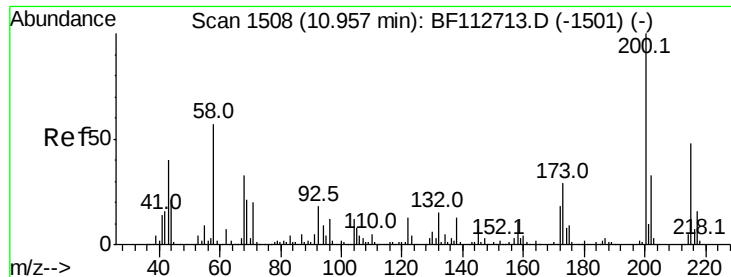
#68
 Hexachlorobenzene
 Concen: 42.051 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:284 Resp: 237758
 Ion Ratio Lower Upper
 284 100
 142 27.8 31.0 46.6#
 249 28.4 23.6 35.4



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

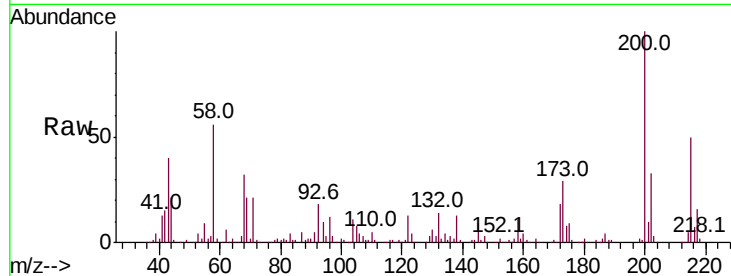




#69
Atrazine
Concen: 35.475 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.1	49.1
215	50.2	28.2	68.2

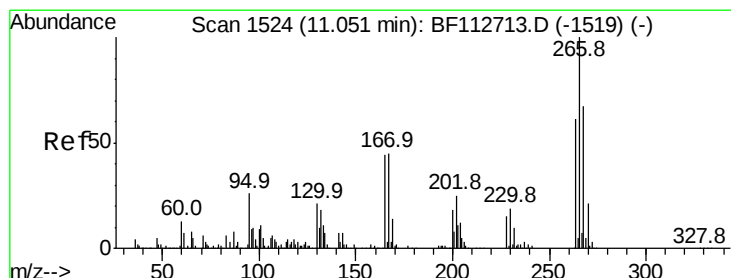
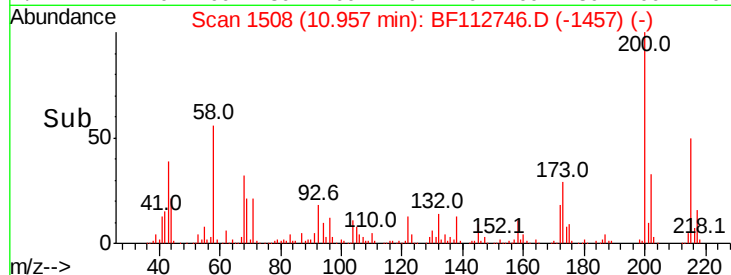
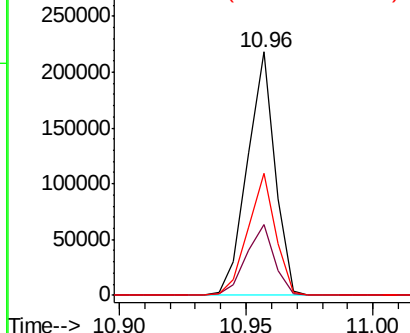


Abundance

Ion 200.00 (199.70 to 200.70): E

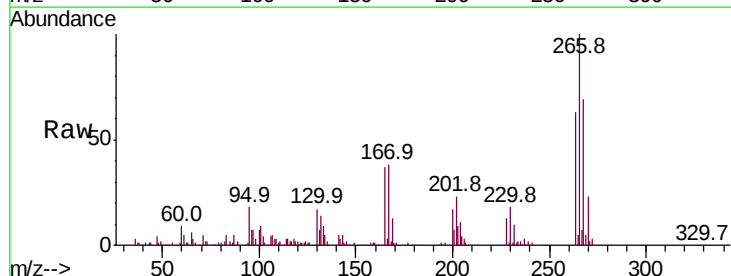
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 37.080 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	53.3	79.9
264	63.2	48.9	73.3

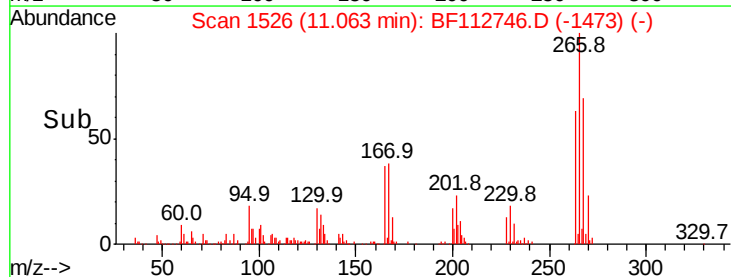
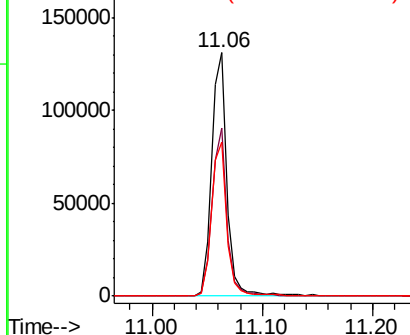


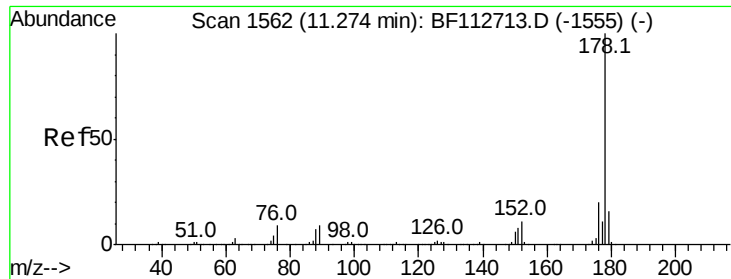
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

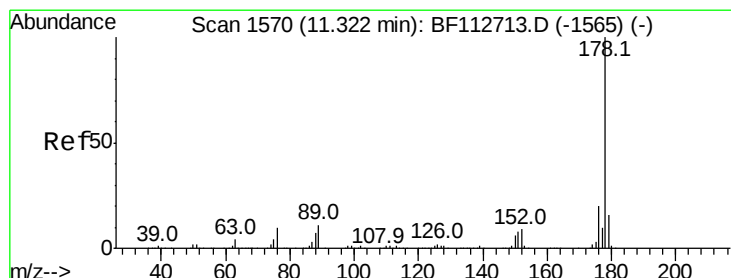
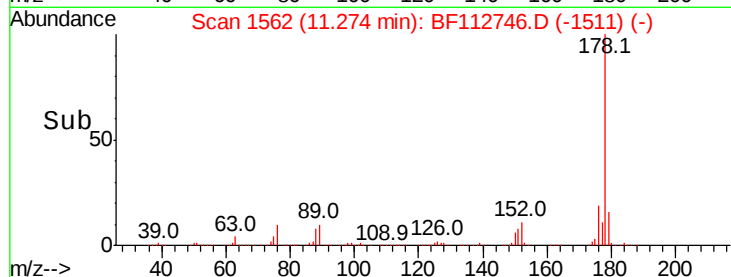
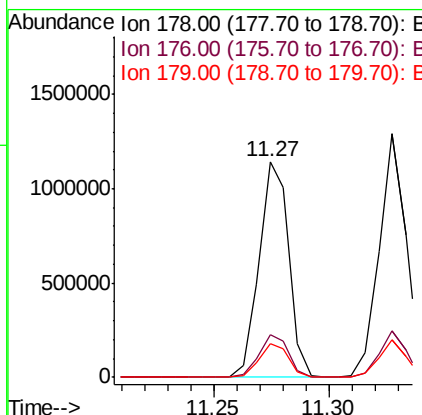
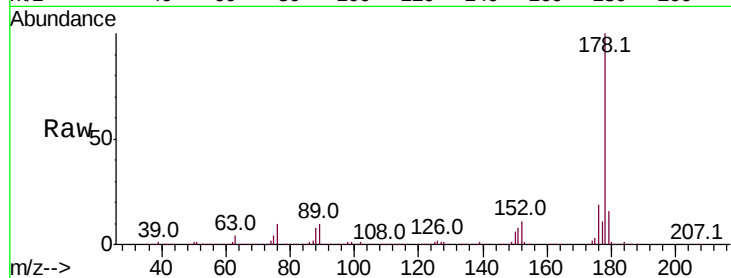




#71
Phenanthrene
Concen: 43.154 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

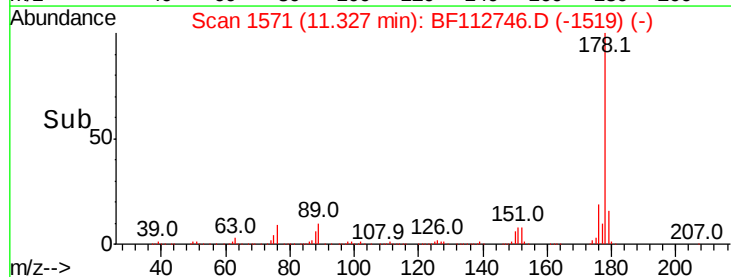
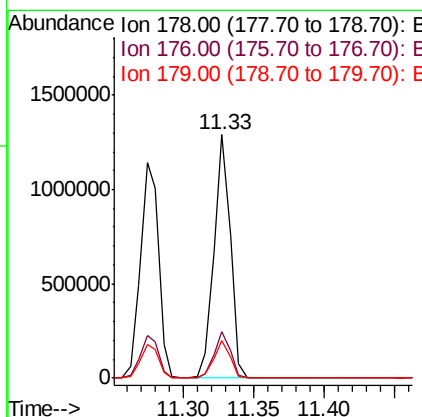
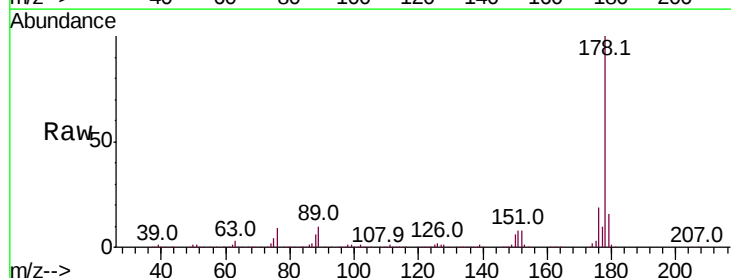
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

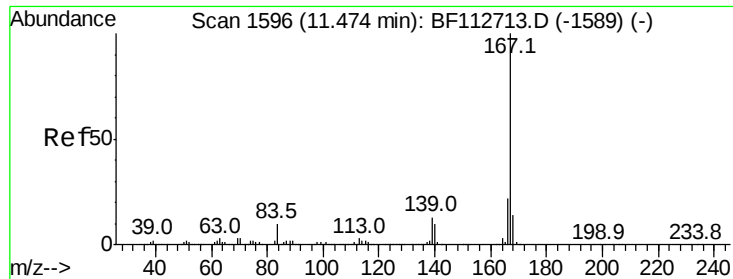
Tot Ion:178 Resp: 1022418
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 15.7 12.7 19.1



#72
Anthracene
Concen: 41.758 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:178 Resp: 1035642
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 13.0 19.6



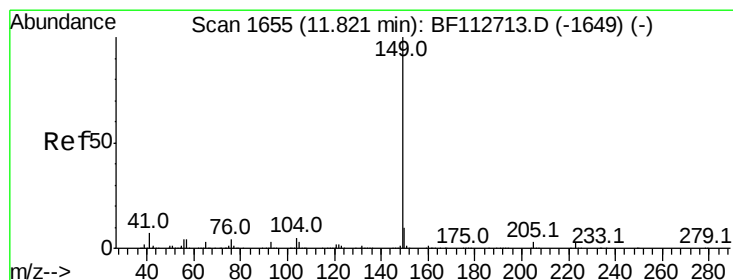
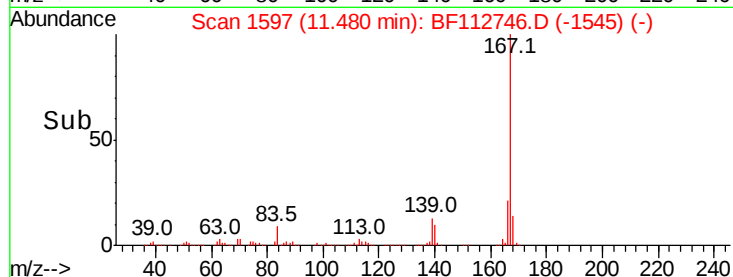
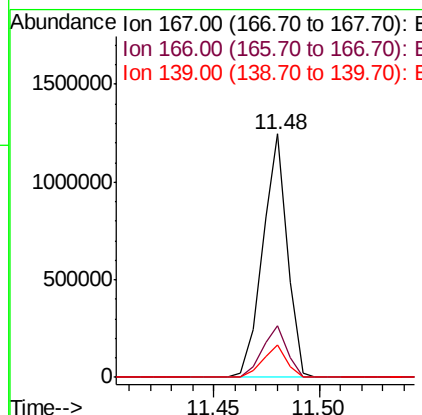
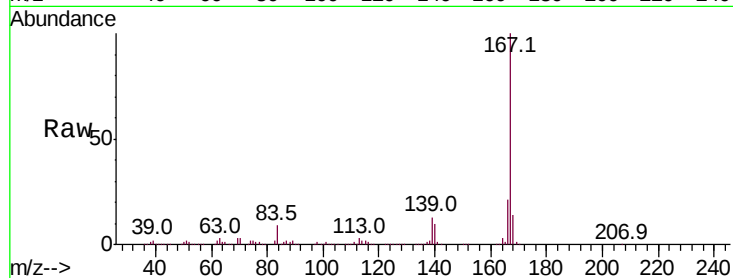


#73
 Carbazole
 Concen: 41.638 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1007385

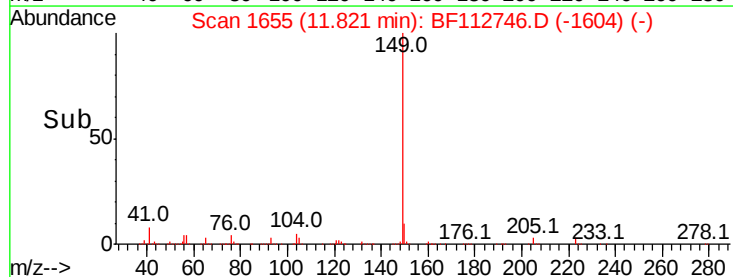
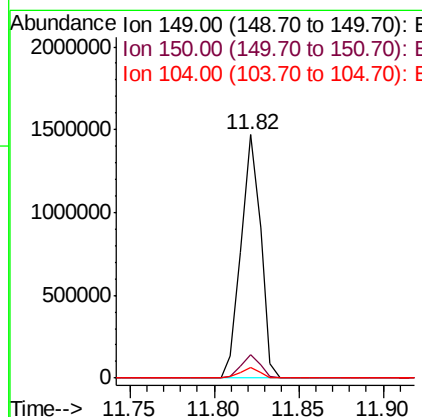
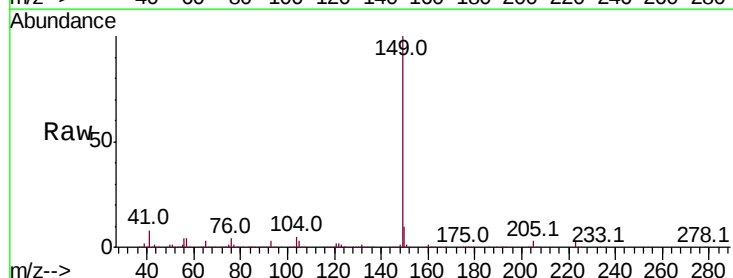
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.1	10.8	16.2

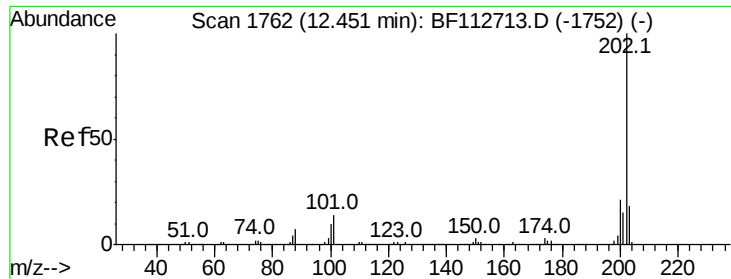


#74
 Di-n-butylphthalate
 Concen: 40.962 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:149 Resp: 1188285

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 45.790 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

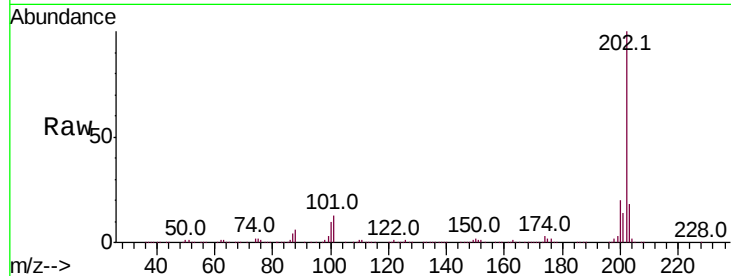
Tot Ion:202 Resp: 1162313

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.8

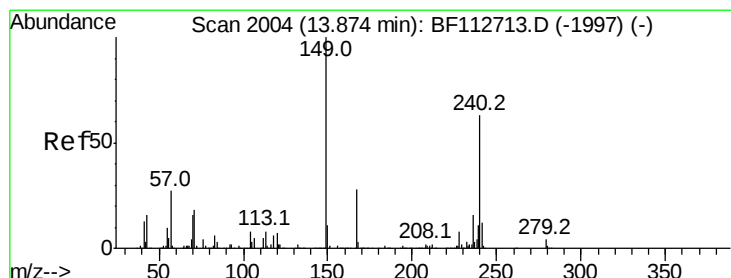
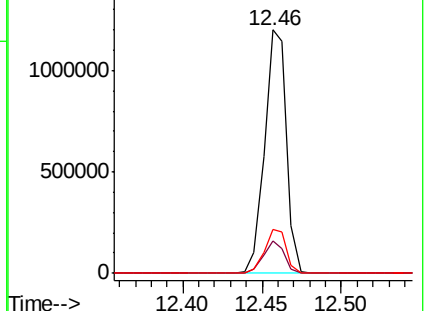
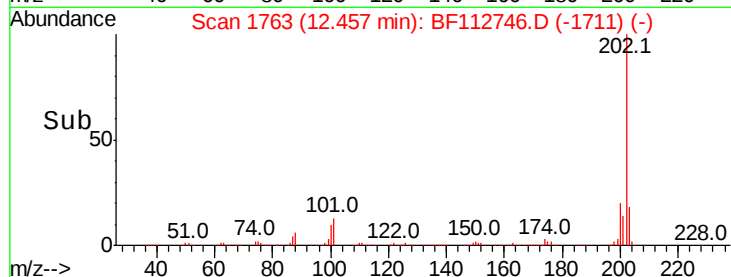
203 18.2 0.0 38.4



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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

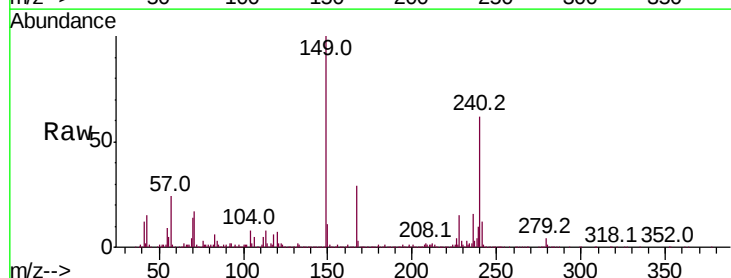
Tgt Ion:240 Resp: 319747

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

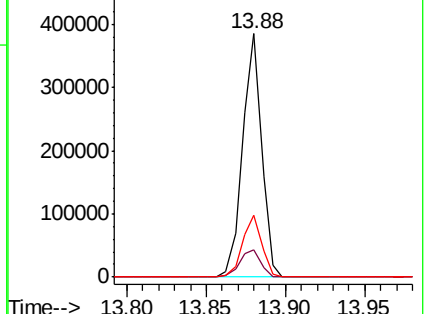
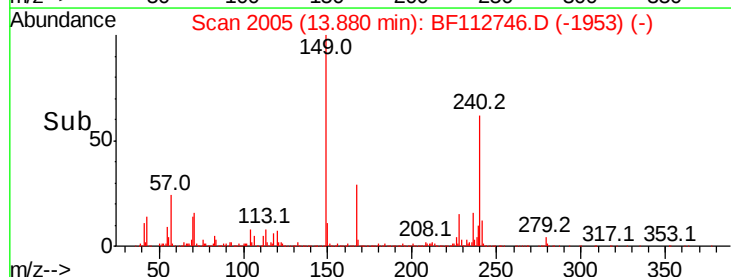
236 25.6 20.7 31.1

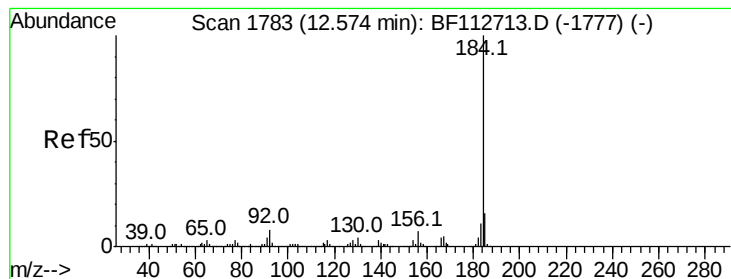


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.553 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

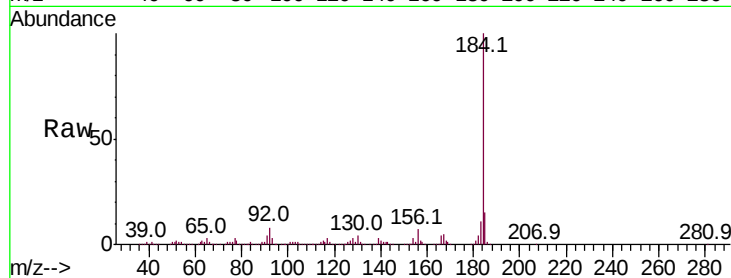
Tot Ion:184 Resp: 822041

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

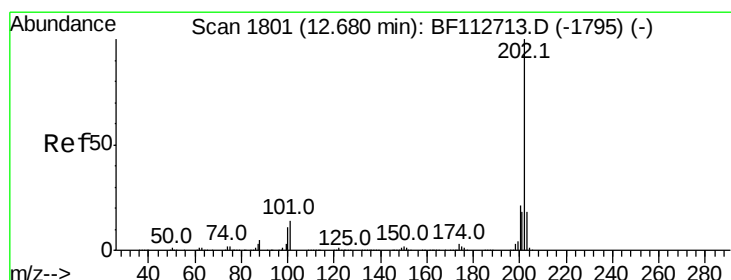
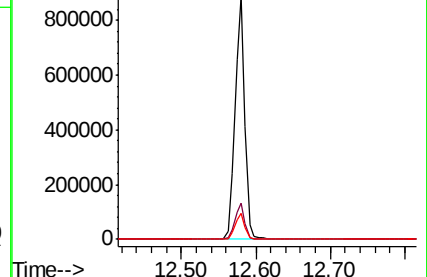
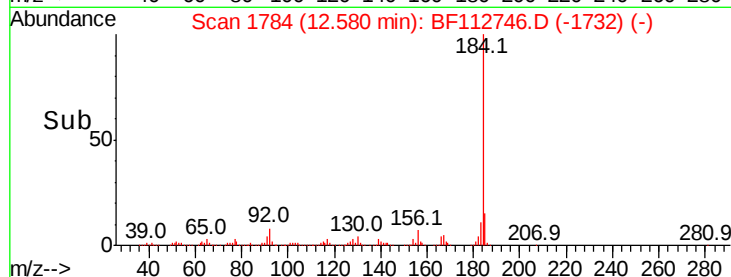
183 10.8 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.208 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

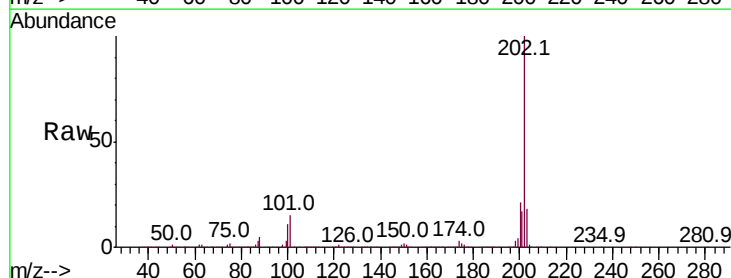
Tgt Ion:202 Resp: 1191645

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

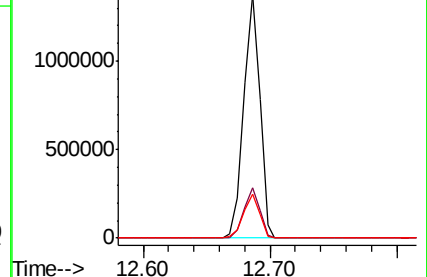
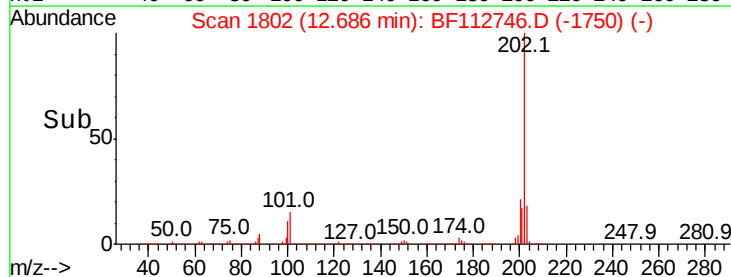
203 18.1 14.4 21.6

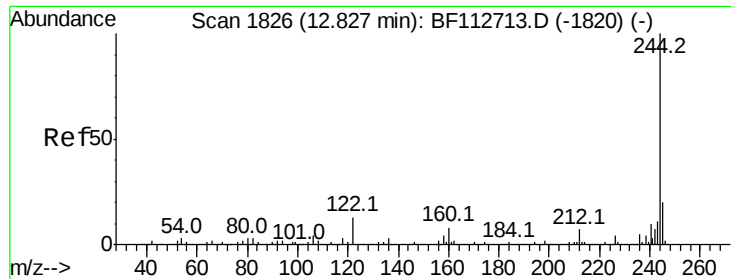


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

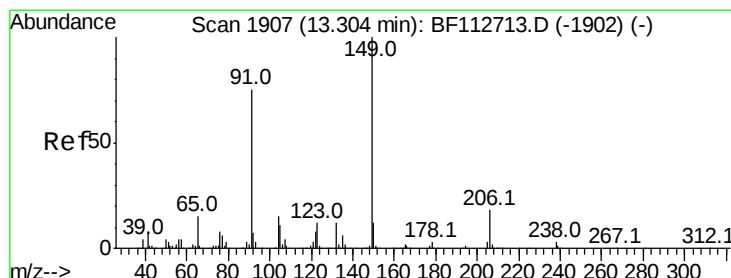
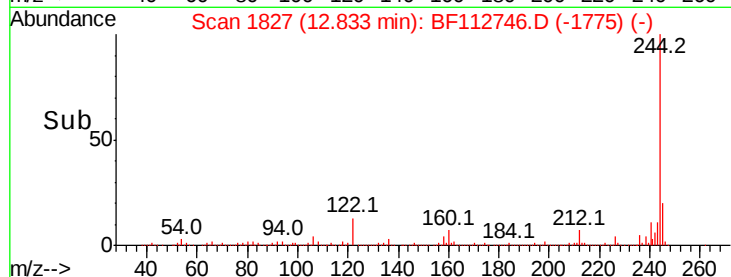
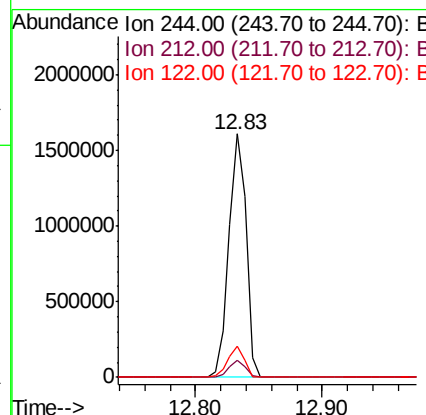
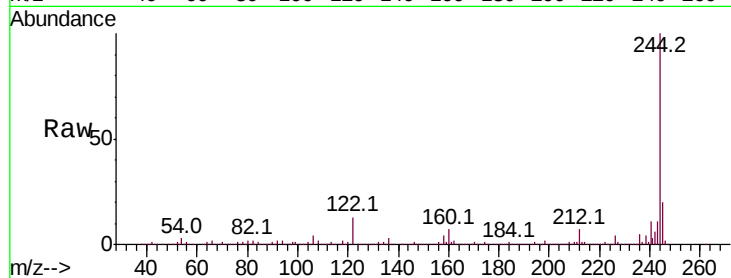




#79
 Terphenyl-d14
 Concen: 92.058 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

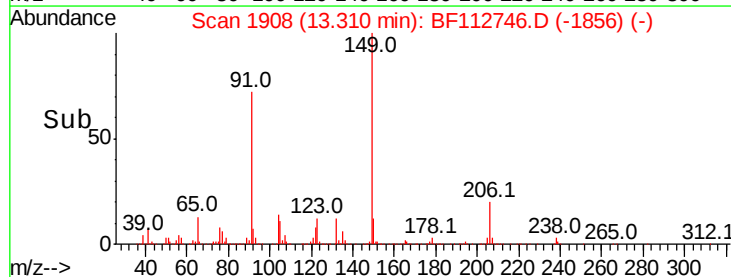
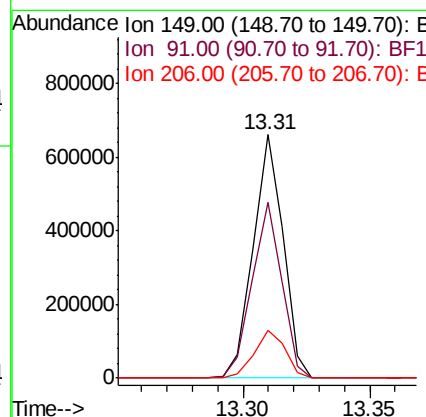
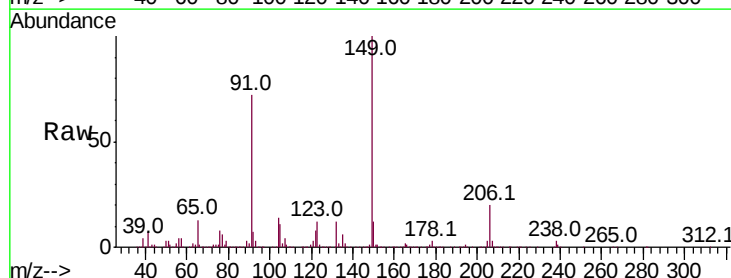
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

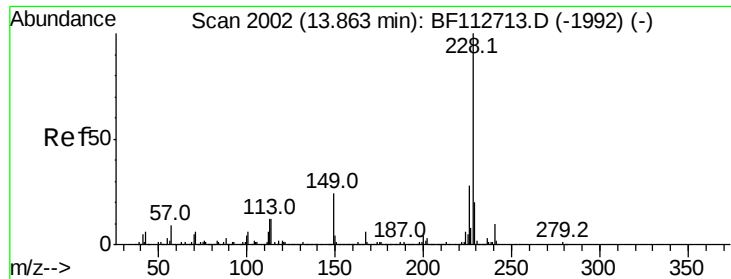
Tot Ion:244 Resp: 1518457
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.7 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 45.881 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:149 Resp: 545907
 Ion Ratio Lower Upper
 149 100
 91 72.0 59.9 89.9
 206 19.7 14.7 22.1





#81

Benzo(a)anthracene

Concen: 38.847 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

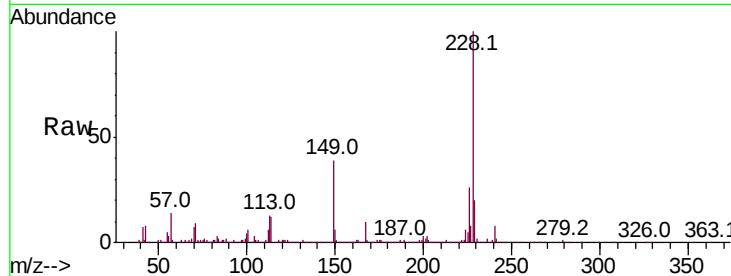
Tot Ion:228 Resp: 860880

Ion Ratio Lower Upper

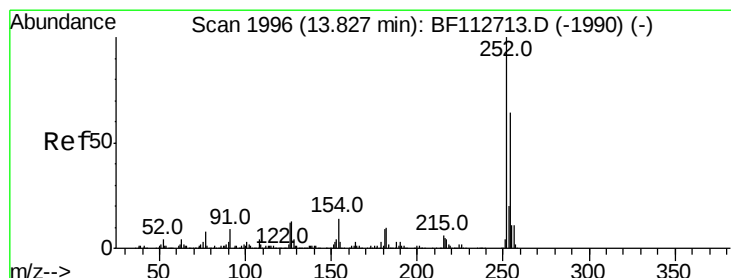
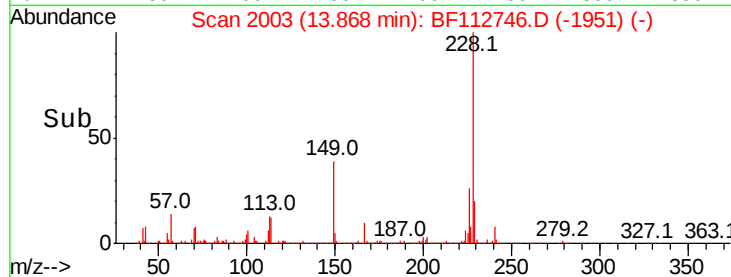
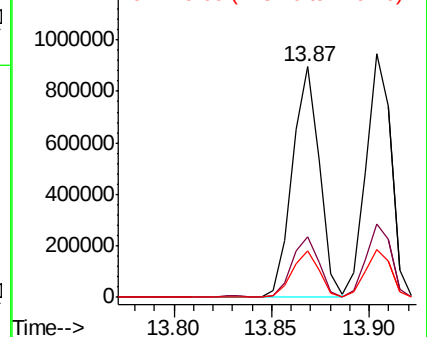
228 100

226 26.4 22.2 33.4

229 19.9 16.0 24.0



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: 45.646 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

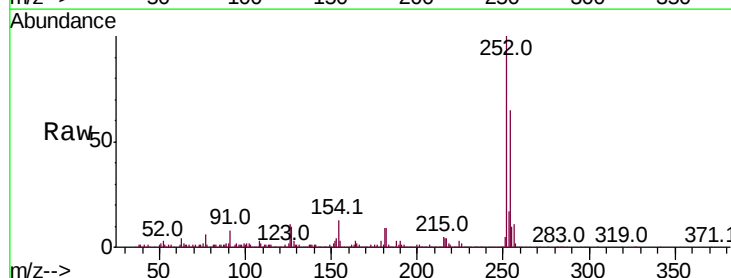
Tgt Ion:252 Resp: 382570

Ion Ratio Lower Upper

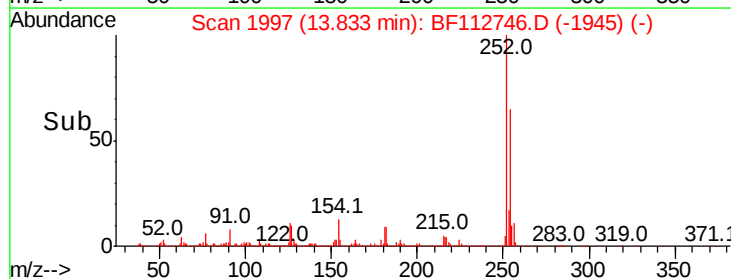
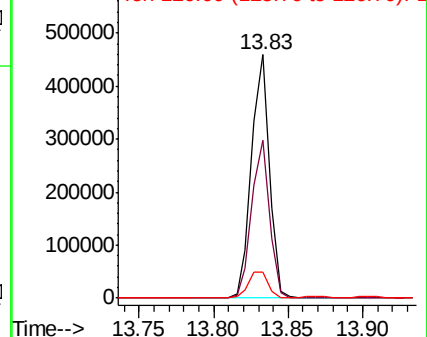
252 100

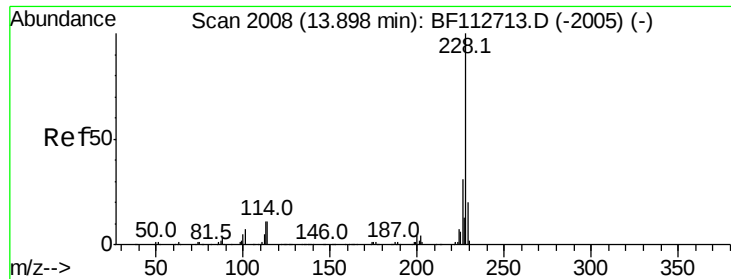
254 64.6 51.1 76.7

126 10.7 9.9 14.9



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: 38.676 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

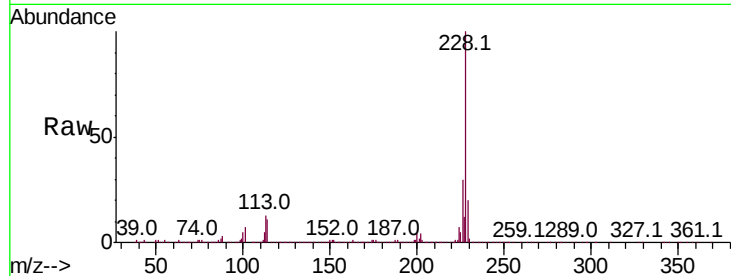
Tot Ion:228 Resp: 839531

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

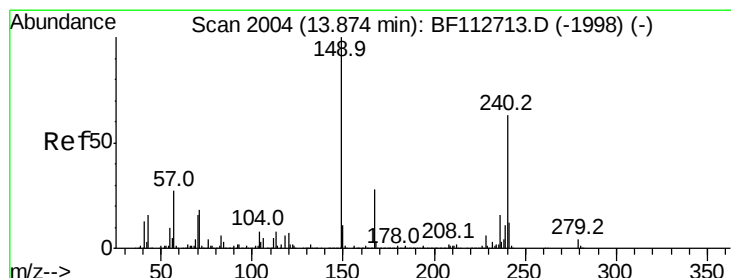
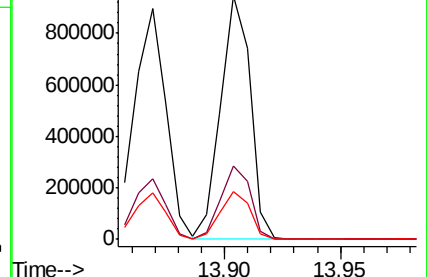
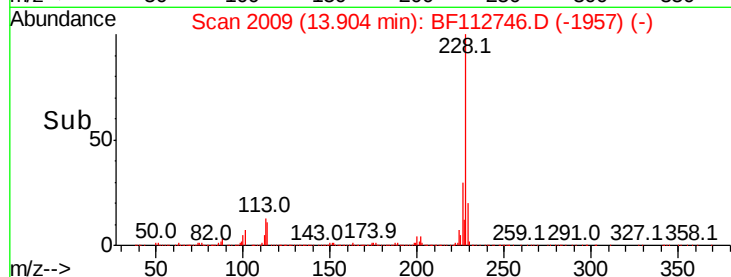
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.123 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

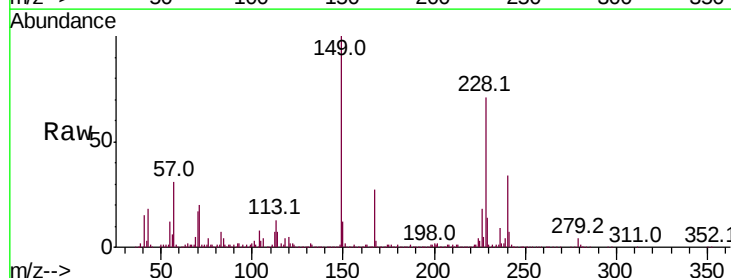
Tgt Ion:149 Resp: 685563

Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

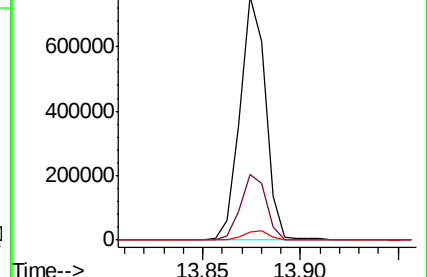
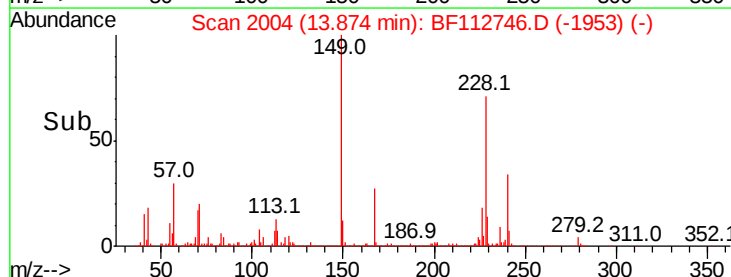
279 3.6 3.3 4.9

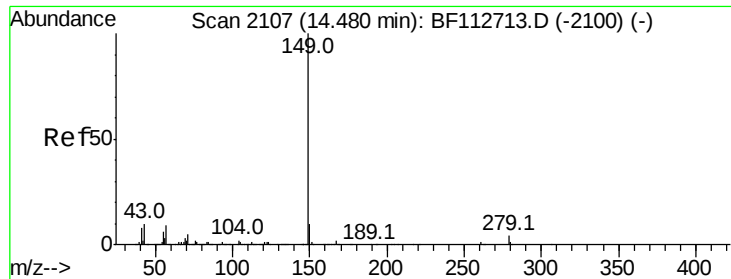


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.379 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

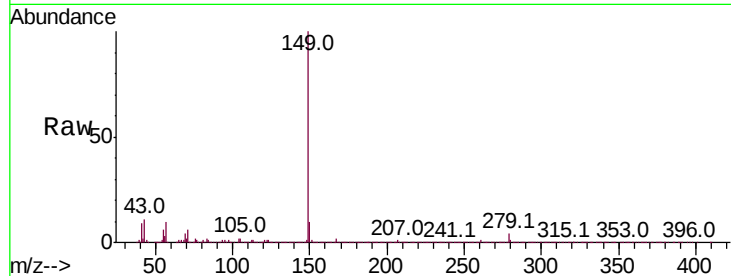
Tot Ion:149 Resp: 1111448

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

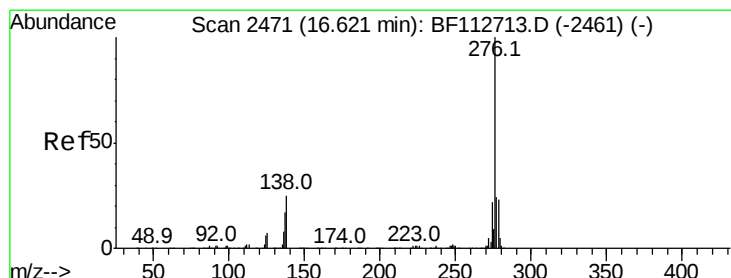
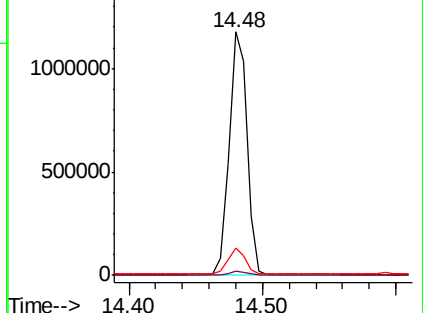
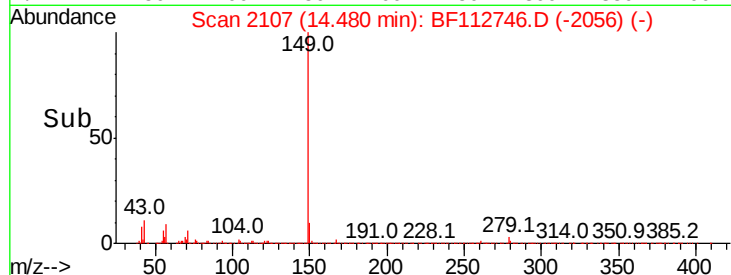
43 10.1 9.0 13.4



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: 35.457 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.03 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

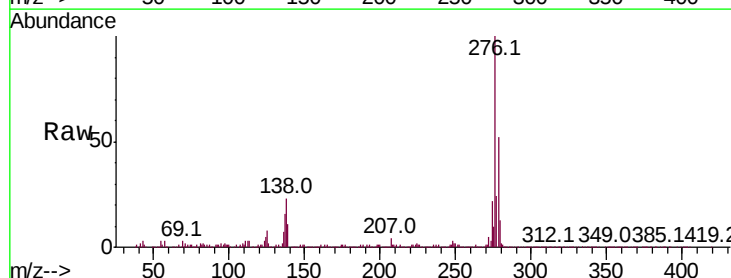
Tgt Ion:276 Resp: 656156

Ion Ratio Lower Upper

276 100

138 25.5 23.2 34.8

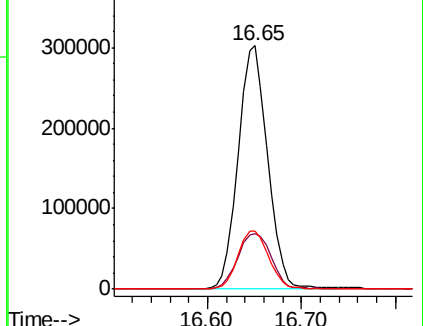
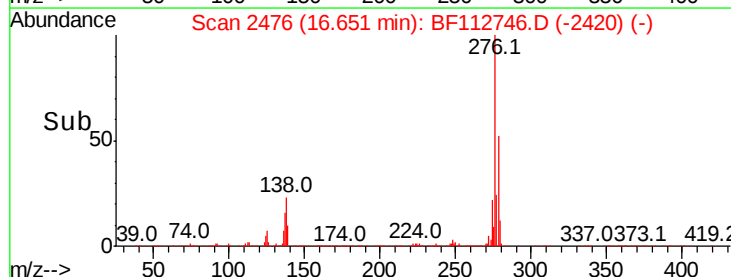
277 24.8 19.9 29.9

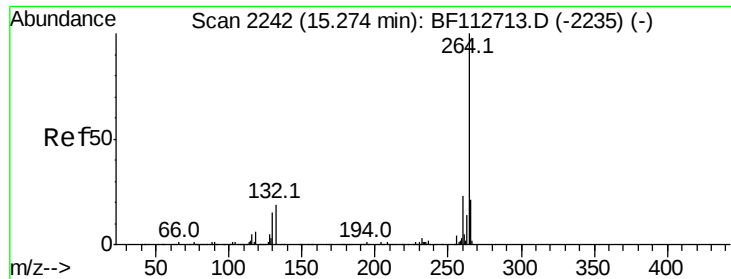


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

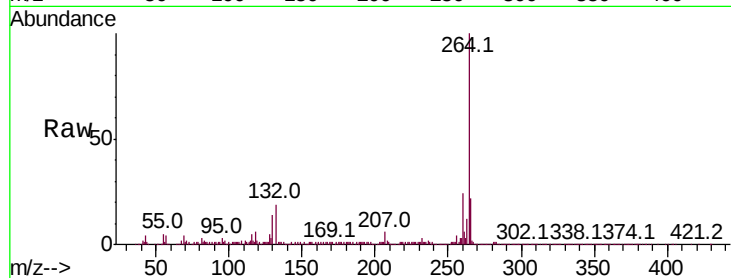
Tot Ion:264 Resp: 243796

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

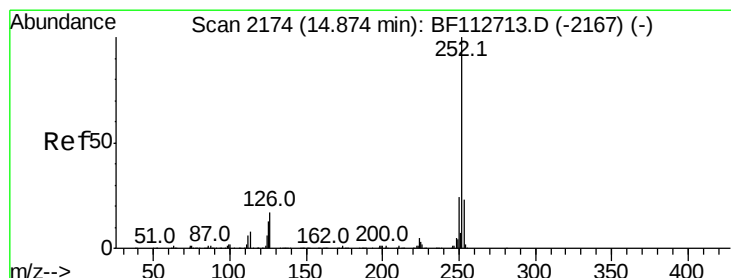
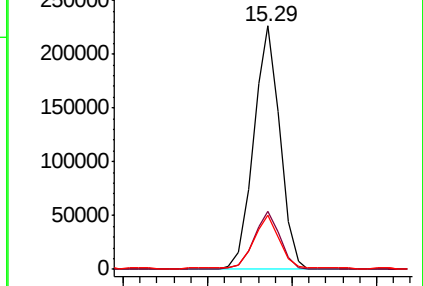
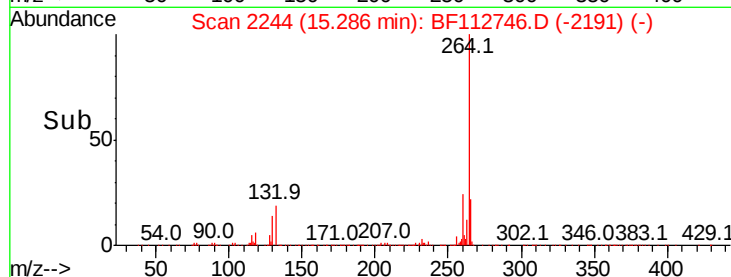
265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.974 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

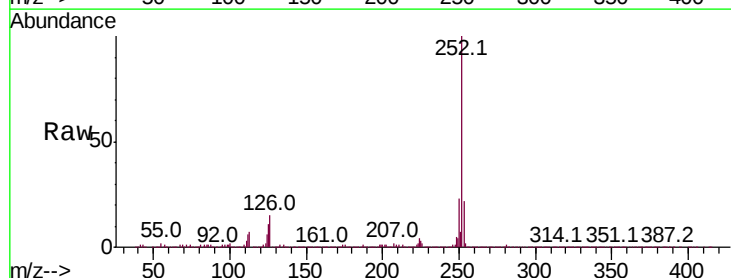
Tgt Ion:252 Resp: 630360

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

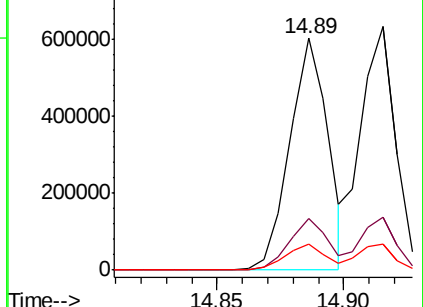
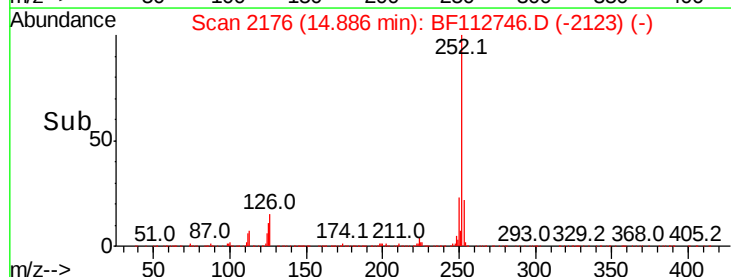
125 11.0 10.2 15.2

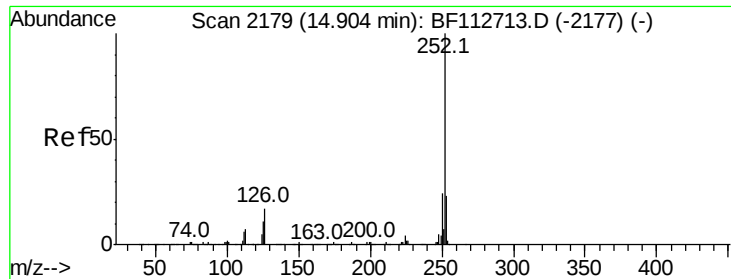


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.948 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

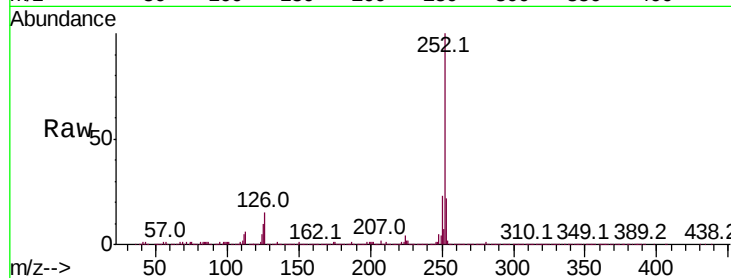
Tot Ion:252 Resp: 599177

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

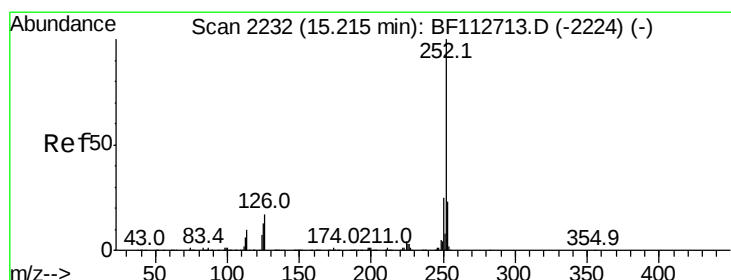
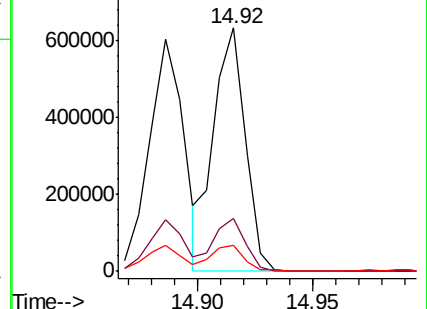
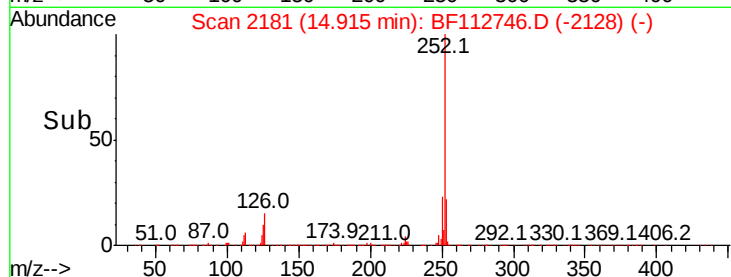
125 10.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.343 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

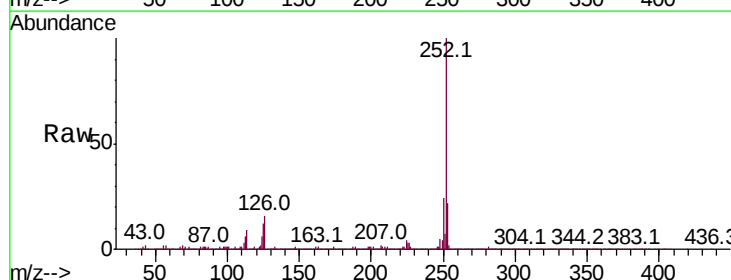
Tgt Ion:252 Resp: 562709

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

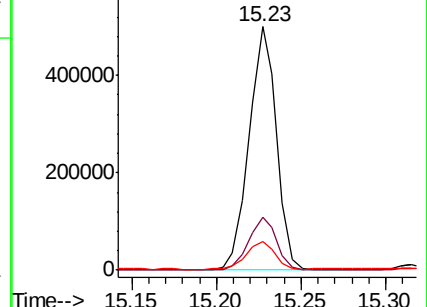
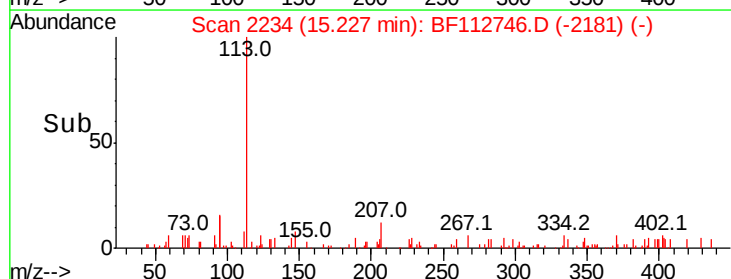
125 12.0 10.7 16.1

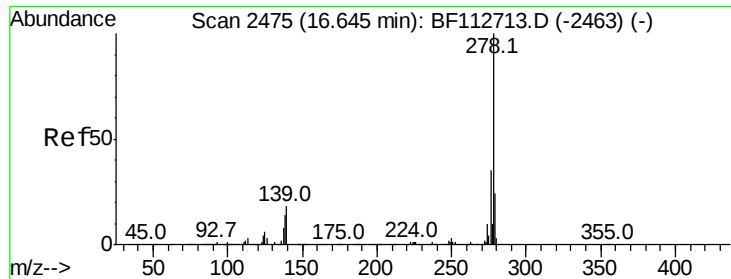


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.777 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.02 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

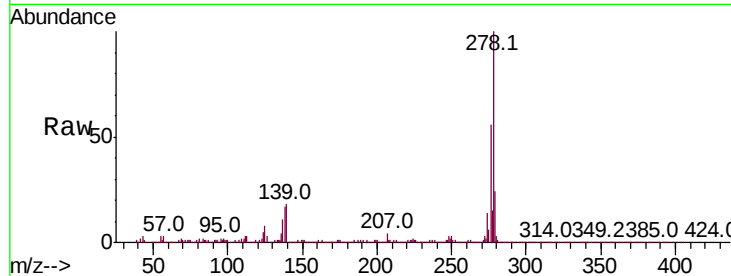
Tot Ion:278 Resp: 544852

Ion Ratio Lower Upper

278 100

139 17.8 14.3 21.5

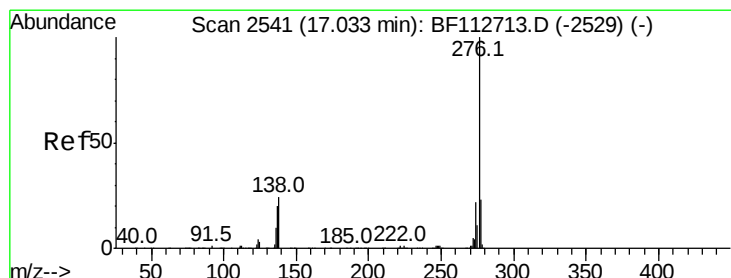
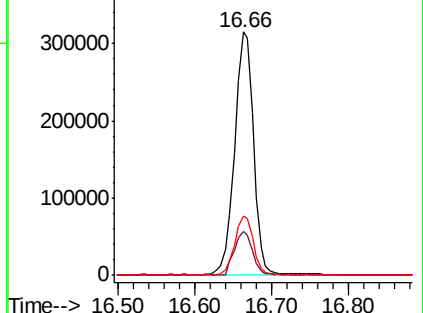
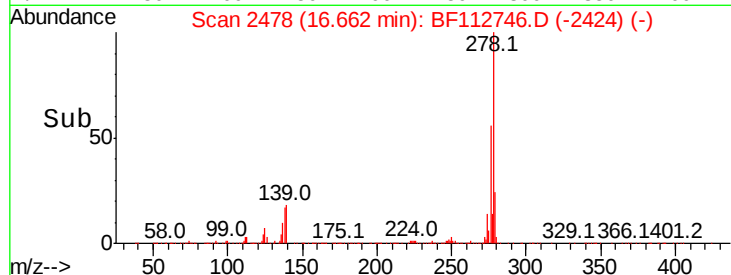
279 24.1 19.4 29.0



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: 44.708 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

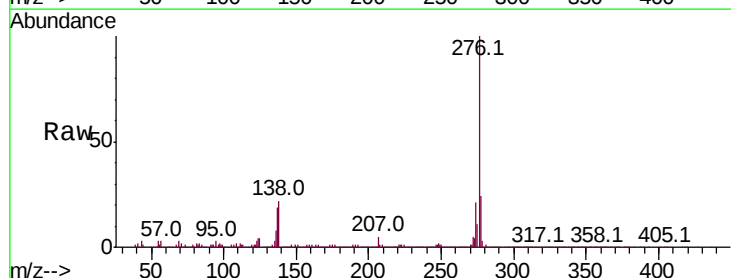
Tgt Ion:276 Resp: 534333

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 22.5 19.4 29.0



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

