

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112719.D
 Acq On : 27 Feb 2019 15:04
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 01:58:30 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	6.74	152	224202	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	892602	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	421046	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	821828	20.00	ng	0.00
76) Chrysene-d12	13.87	240	526586	20.00	ng	0.00
87) Perylene-d12	15.27	264	497054	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1106105	76.74	ng	0.00
7) Phenol-d6	6.37	99	1399205	77.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1231225	82.54	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	361749	80.93	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2045935	83.09	ng	0.00
79) Terphenyl-d14	12.83	244	2123397	78.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	289531	40.074	ng	100
3) Pyridine	3.14	79	809023	41.855	ng	100
4) n-Nitrosodimethylamine	3.07	42	342058	40.454	ng	99
6) Aniline	6.40	93	976423	39.180	ng	100
8) 2-Chlorophenol	6.53	128	634044	39.518	ng	96
9) Benzaldehyde	6.29	77	511623	39.218	ng	99
10) Phenol	6.39	94	853434	40.394	ng	100
11) bis(2-Chloroethyl)ether	6.48	93	641297	39.546	ng	95
12) 1,3-Dichlorobenzene	6.68	146	651461	39.306	ng	99
13) 1,4-Dichlorobenzene	6.76	146	649645	39.084	ng	100
14) 1,2-Dichlorobenzene	6.92	146	594151	38.993	ng	99
15) Benzyl Alcohol	6.88	79	552949	40.052	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1068944	39.499	ng	99
17) 2-Methylphenol	6.99	107	512111	39.345	ng	99
18) Hexachloroethane	7.26	117	252836	39.710	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	450230	39.264	ng	99
20) 3+4-Methylphenols	7.15	107	565937	38.513	ng	# 88
22) Acetophenone	7.15	105	837277	40.116	ng	97
24) Nitrobenzene	7.32	77	676606	40.753	ng	99
25) Isophorone	7.57	82	1272783	39.606	ng	98
26) 2-Nitrophenol	7.64	139	302695	43.797	ng	99
27) 2,4-Dimethylphenol	7.68	122	508317	39.534	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	795735	39.604	ng	99
29) 2,4-Dichlorophenol	7.87	162	500535	40.143	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	531726	39.688	ng	99
31) Naphthalene	8.05	128	1718445	38.777	ng	99
32) Benzoic acid	7.80	122	314924	34.946	ng	93
33) 4-Chloroaniline	8.09	127	739795	39.414	ng	99
34) Hexachlorobutadiene	8.17	225	307321	40.673	ng	100
35) Caprolactam	8.46	113	180386	41.075	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	552751	40.057	ng	99
37) 2-Methylnaphthalene	8.73	142	1123617	39.262	ng	99
38) 1-Methylnaphthalene	8.83	142	1091594	39.376	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	479135	39.023	ng	99

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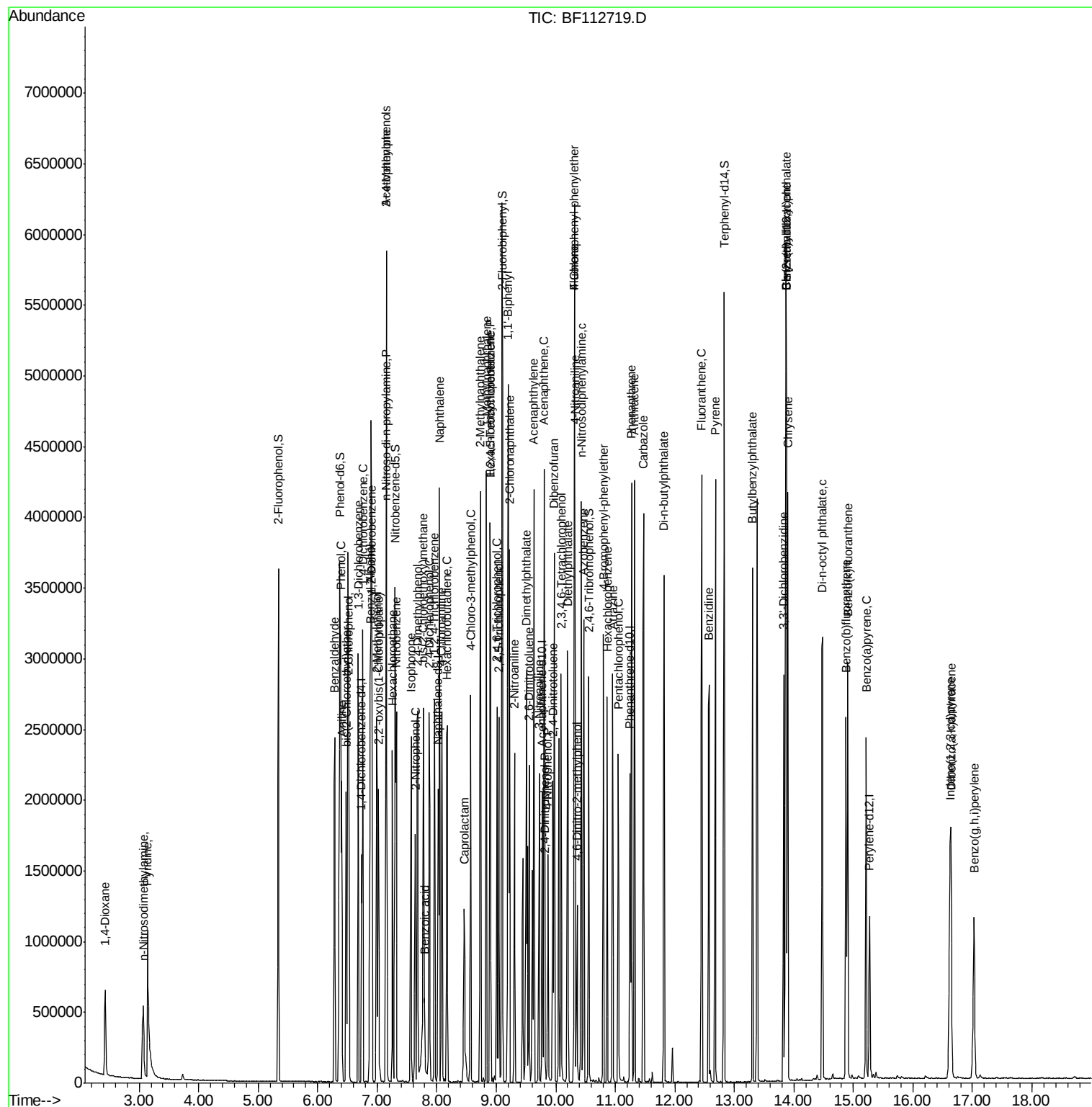
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	268323	39.908	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	342399	40.520	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	368320	40.326	ng	99
46) 1,1'-Biphenyl	9.20	154	1374697	40.029	ng	100
47) 2-Chloronaphthalene	9.22	162	1059154	39.497	ng	99
48) 2-Nitroaniline	9.31	65	354893	43.540	ng	97
49) Acenaphthylene	9.63	152	1760631	38.674	ng	99
50) Dimethylphthalate	9.50	163	1211433	39.021	ng	99
51) 2,6-Dinitrotoluene	9.56	165	277975	42.997	ng	# 85
52) Acenaphthene	9.80	154	1032096	38.768	ng	98
53) 3-Nitroaniline	9.72	138	329526	41.830	ng	96
54) 2,4-Dinitrophenol	9.82	184	96786	40.100	ng	95
55) Dibenzofuran	9.97	168	1484195	38.358	ng	100
56) 4-Nitrophenol	9.87	139	278875	43.558	ng	89
57) 2,4-Dinitrotoluene	9.95	165	363233	45.200	ng	98
58) Fluorene	10.32	166	1042169	37.949	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	311161	40.891	ng	98
60) Diethylphthalate	10.20	149	1286982	39.250	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	496301	38.842	ng	98
62) 4-Nitroaniline	10.33	138	305913	42.024	ng	96
63) Azobenzene	10.47	77	1301559	38.754	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	136859	41.247	ng	97
66) n-Nitrosodiphenylamine	10.43	169	1022711	38.803	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	341082	39.403	ng	99
68) Hexachlorobenzene	10.87	284	390163	39.984	ng	# 90
69) Atrazine	10.96	200	312730	38.741	ng	98
70) Pentachlorophenol	11.05	266	235249	40.961	ng	97
71) Phenanthrene	11.27	178	1630895	39.886	ng	100
72) Anthracene	11.32	178	1652139	38.599	ng	100
73) Carbazole	11.47	167	1596796	38.243	ng	99
74) Di-n-butylphthalate	11.82	149	1937582	38.701	ng	100
75) Fluoranthene	12.45	202	1754297	40.045	ng	99
77) Benzidine	12.57	184	1069609	39.151	ng	96
78) Pyrene	12.68	202	1789014	40.300	ng	100
80) Butylbenzylphthalate	13.30	149	815809	41.633	ng	99
81) Benzo(a)anthracene	13.86	228	1458894	39.974	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	564406	40.890	ng	99
83) Chrysene	13.90	228	1423949	39.832	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	928951	40.417	ng	98
85) Di-n-octyl phthalate	14.48	149	1630196	41.306	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	1112582	36.506	ng	99
88) Benzo(b)fluoranthene	14.87	252	1358018	42.239	ng	99
89) Benzo(k)fluoranthene	14.90	252	1095603	37.621	ng	100
90) Benzo(a)pyrene	15.22	252	1136226	39.955	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	912335	37.596	ng	99
92) Benzo(g,h,i)perylene	17.03	276	906767	37.213	ng	100

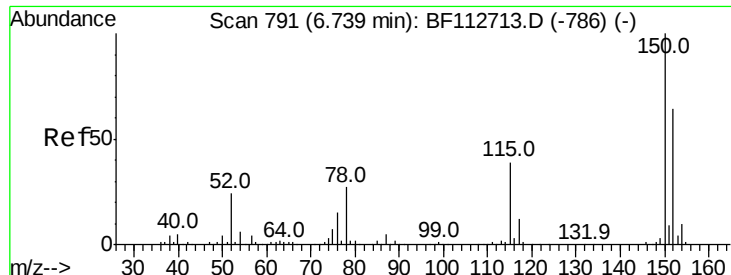
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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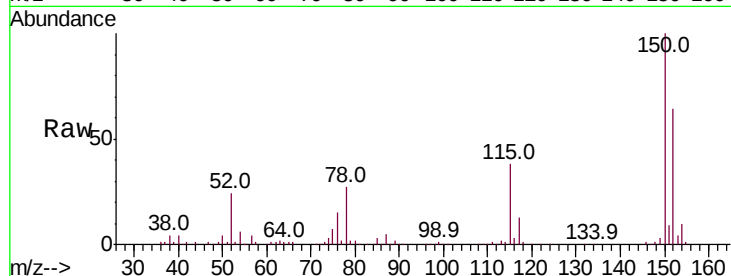


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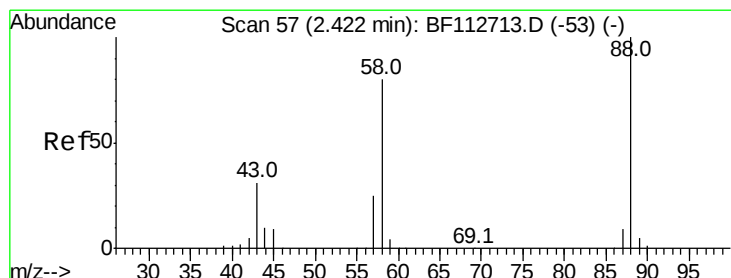
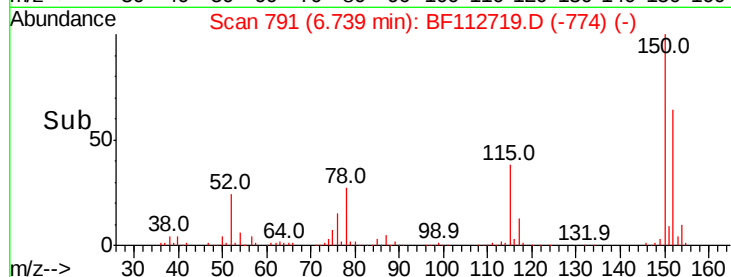
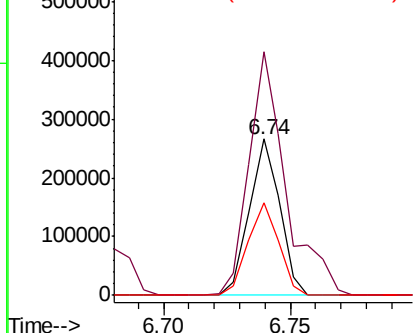
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 224202
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 59.6 48.2 72.4



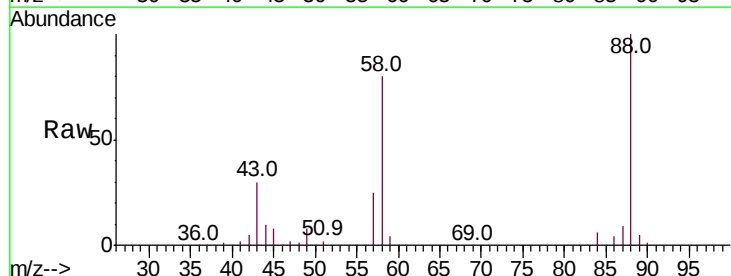
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



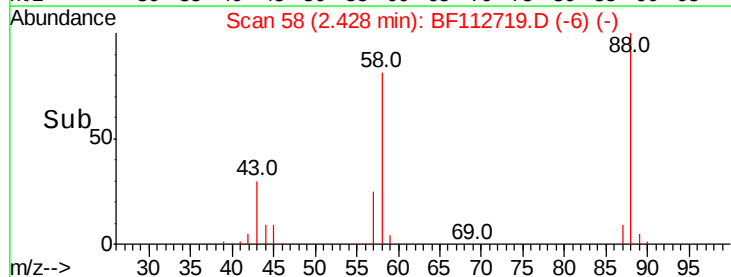
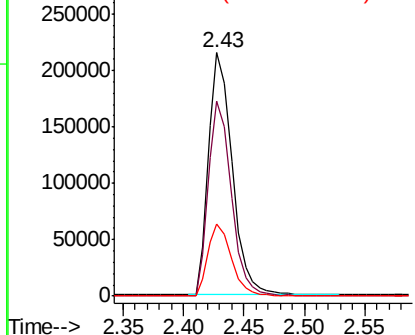
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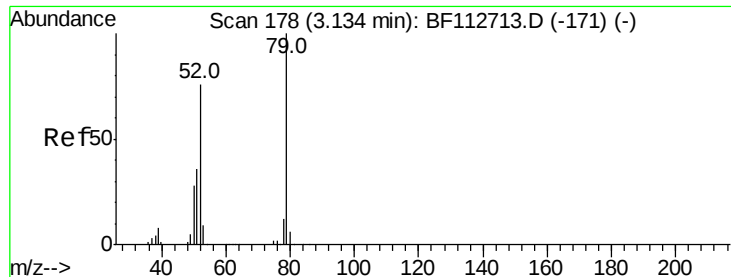
1,4-Dioxane
Concen: 40.074 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion: 88 Resp: 289531
Ion Ratio Lower Upper
88 100
58 78.7 63.1 94.7
43 30.0 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

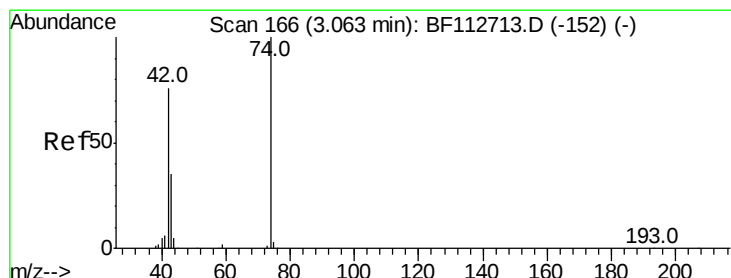
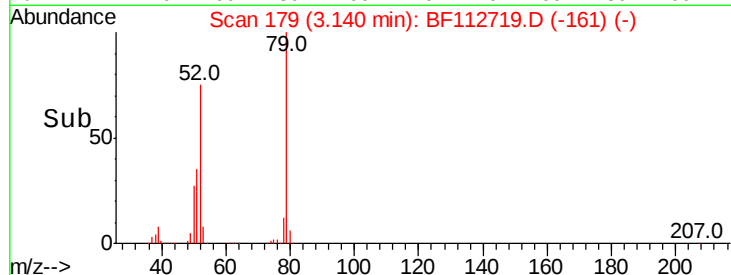
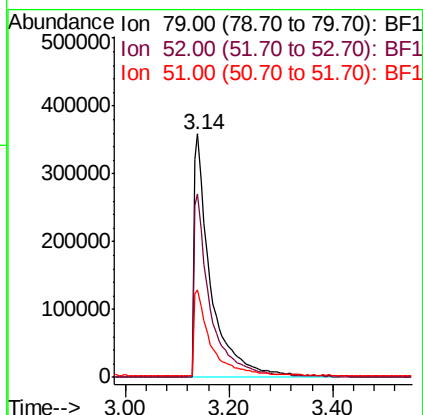
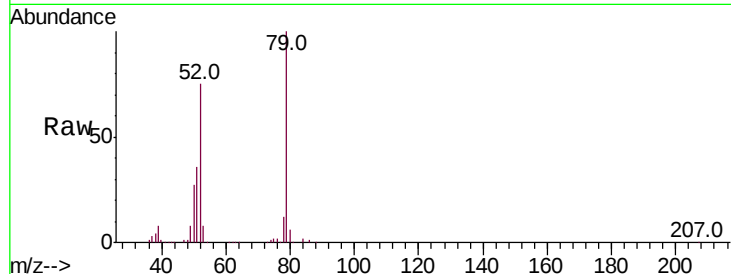




#3
 Pvridine
 Concen: 41.855 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.01 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

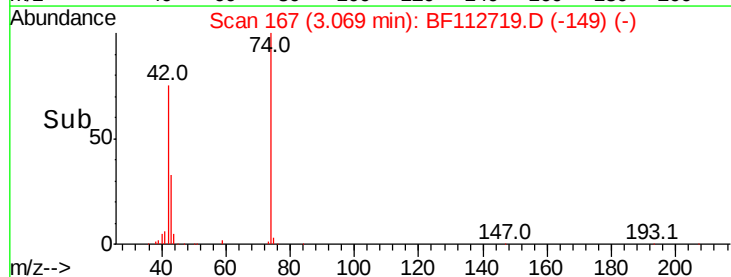
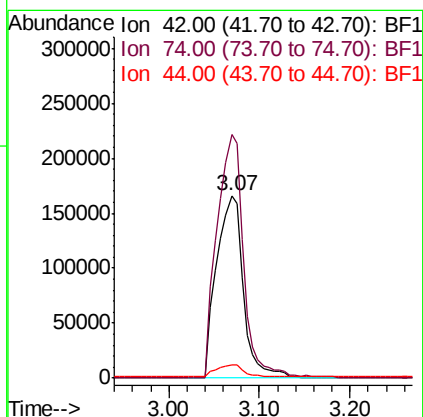
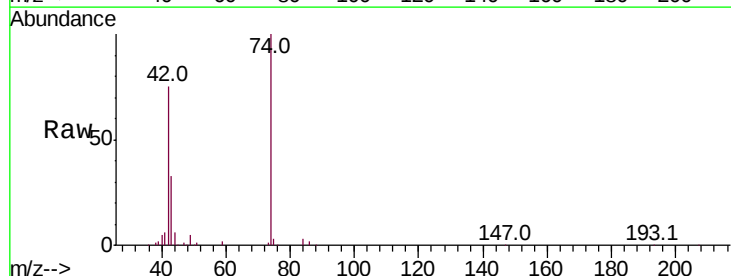
Instrument :
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 ClientSampleId :
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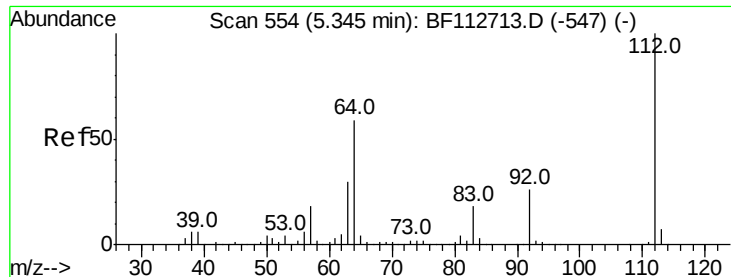
Tot Ion: 79 Resp: 809023
 Ion Ratio Lower Upper
 79 100
 52 75.2 60.5 90.7
 51 36.1 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 40.454 ng
 RT: 3.07 min Scan# 167
 Delta R.T. 0.01 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion: 42 Resp: 342058
 Ion Ratio Lower Upper
 42 100
 74 133.3 105.8 158.8
 44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 76.743 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

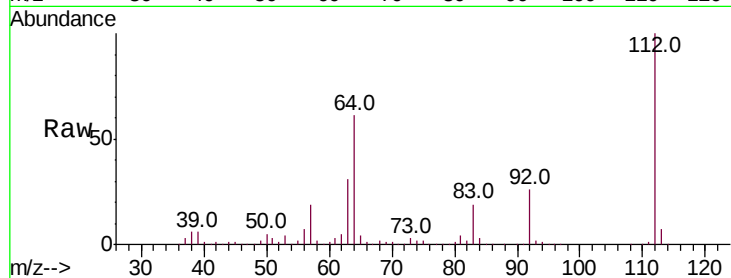
Tot Ion:112 Resp: 1106105

Ion Ratio Lower Upper

112 100

64 60.6 47.6 71.4

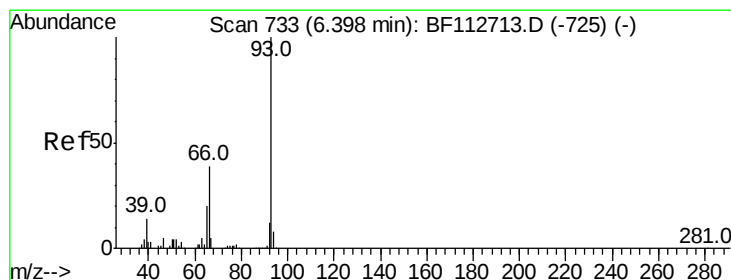
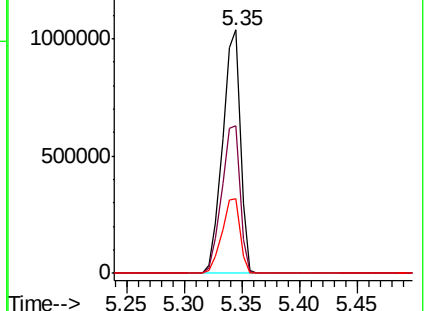
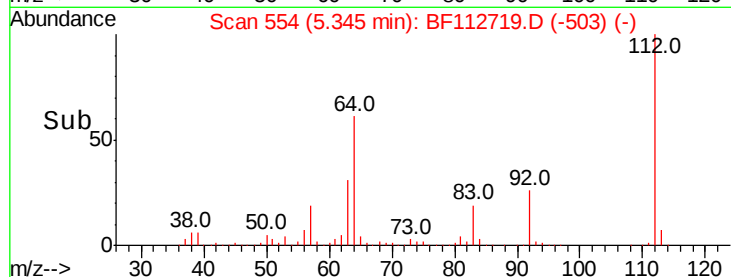
63 30.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.180 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

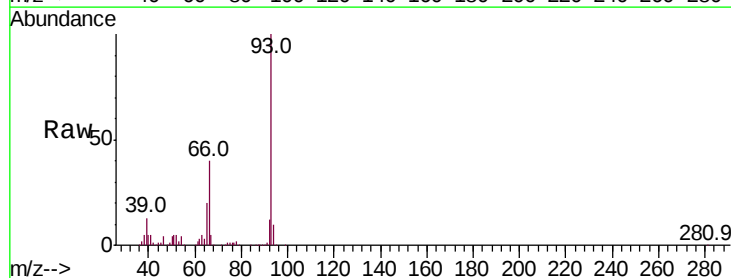
Tgt Ion: 93 Resp: 976423

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

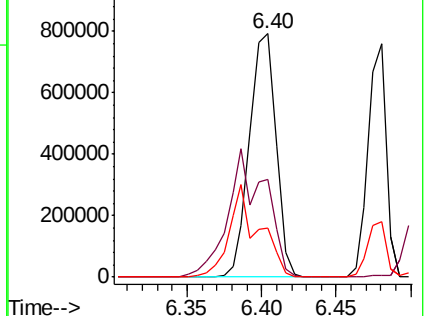
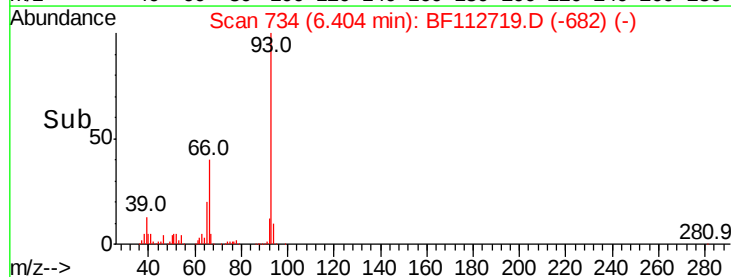
65 20.3 16.2 24.4

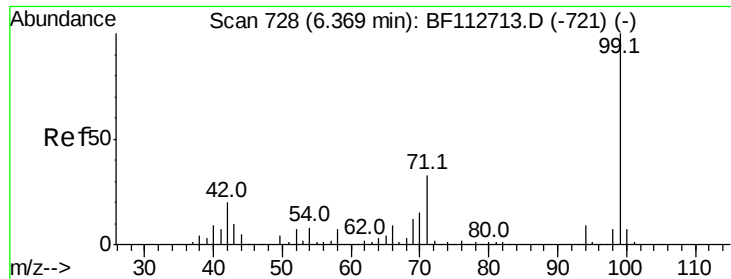


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.282 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

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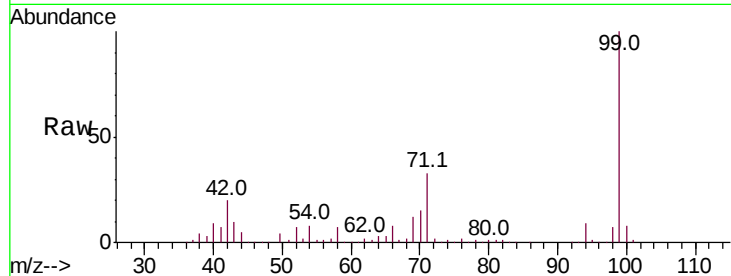
Tot Ion: 99 Resp: 1399205

Ion Ratio Lower Upper

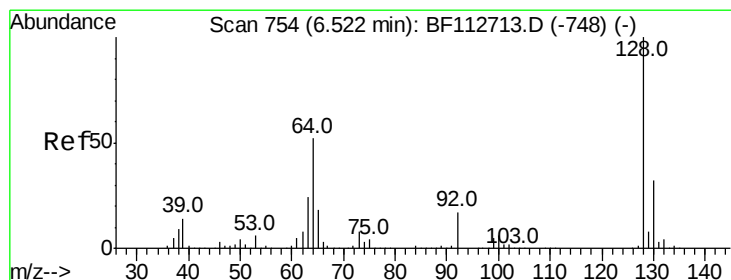
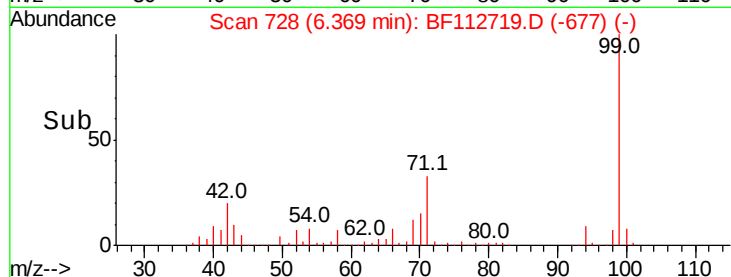
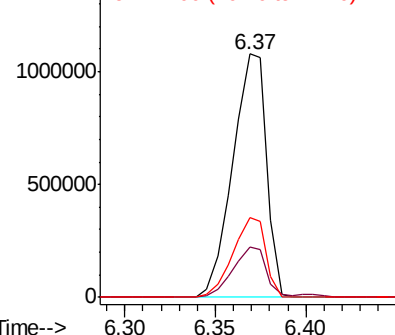
99 100

42 20.5 16.3 24.5

71 32.9 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: 39.518 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

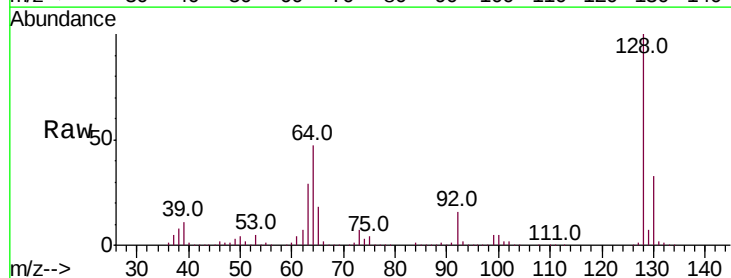
Tgt Ion:128 Resp: 634044

Ion Ratio Lower Upper

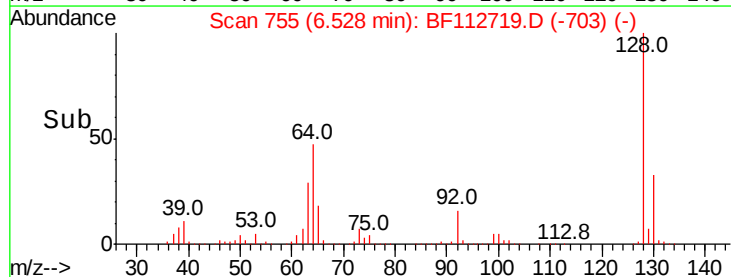
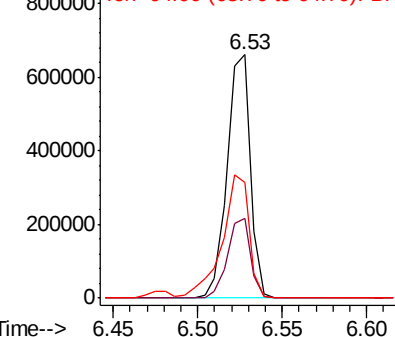
128 100

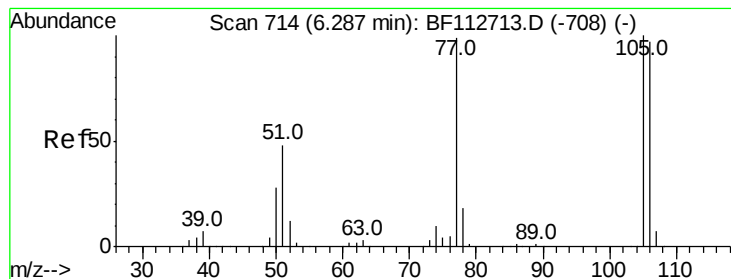
130 32.7 12.4 52.4

64 47.4 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: 39.218 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

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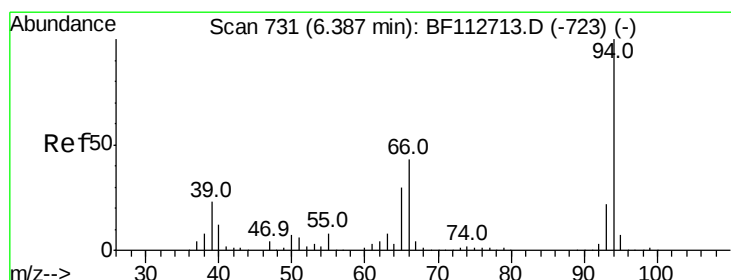
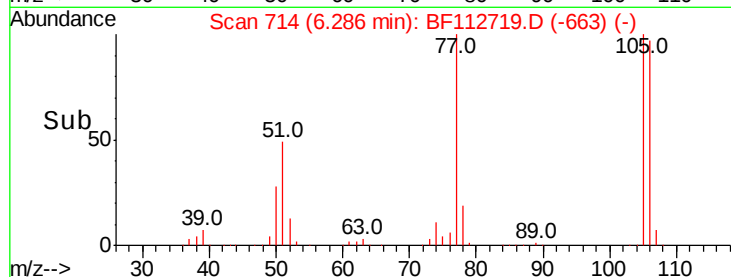
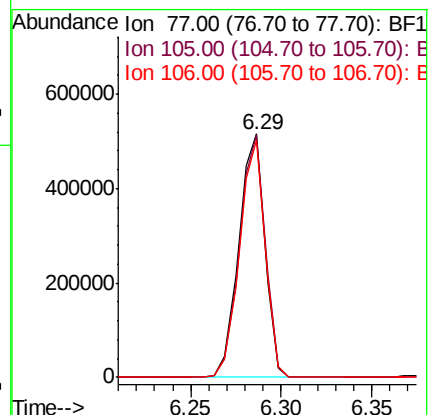
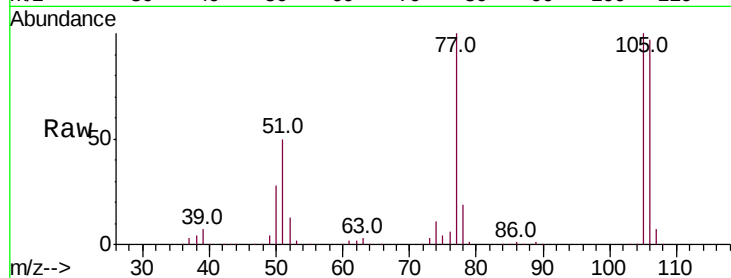
Tot Ion: 77 Resp: 511623

Ion Ratio Lower Upper

77 100

105 99.7 81.4 121.4

106 97.5 78.3 118.3



#10

Phenol

Concen: 40.394 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

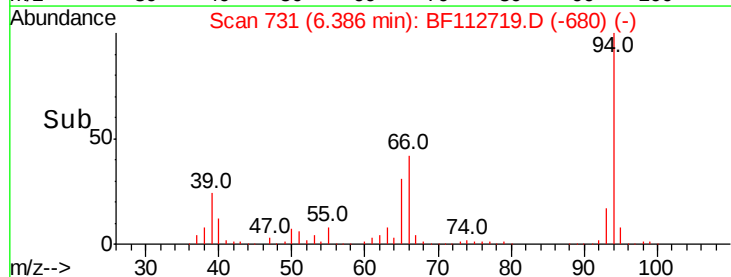
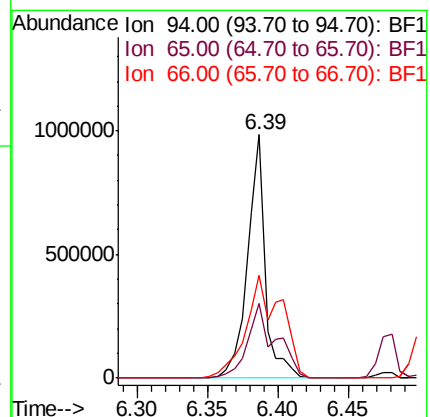
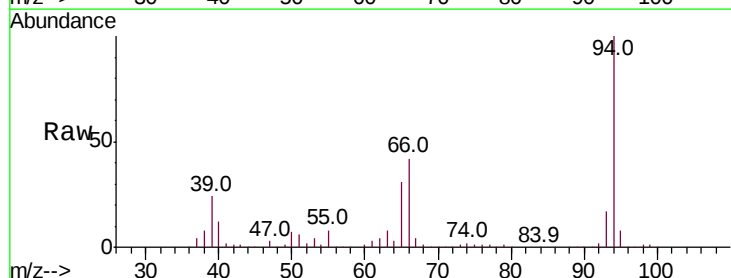
Tgt Ion: 94 Resp: 853434

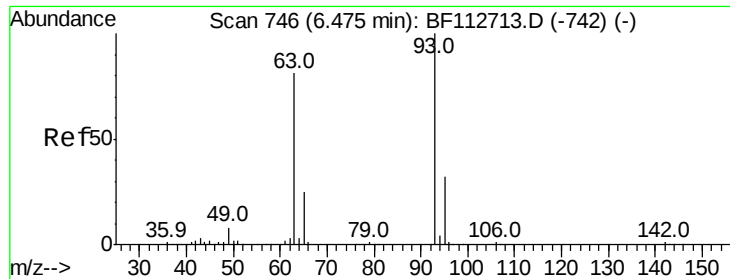
Ion Ratio Lower Upper

94 100

65 30.7 10.5 50.5

66 42.4 22.6 62.6

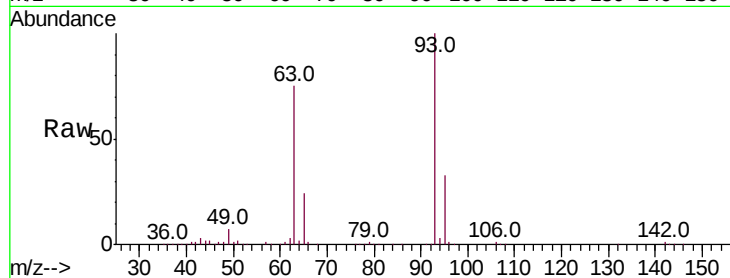




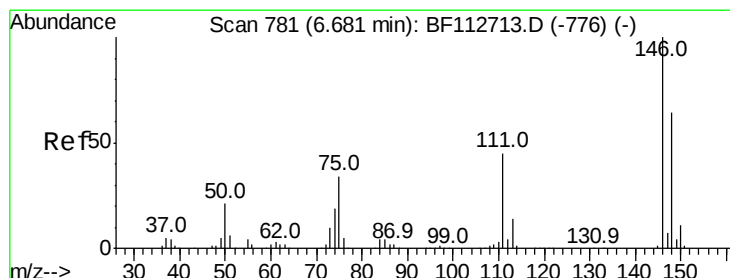
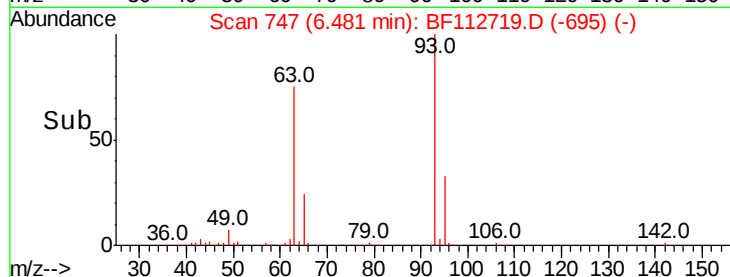
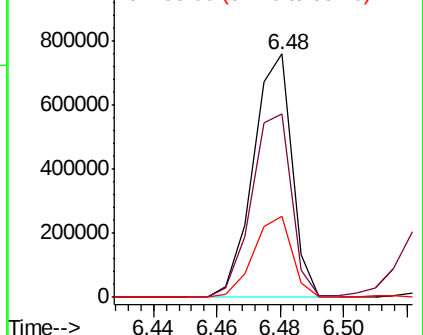
#11
bis(2-Chloroethyl)ether
Concen: 39.546 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 641297
Ion Ratio Lower Upper
93 100
63 75.1 60.5 100.5
95 33.2 12.1 52.1

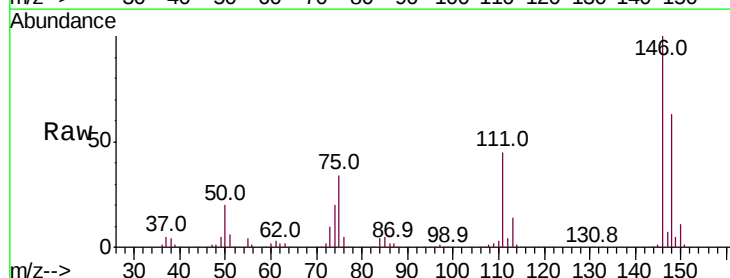


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

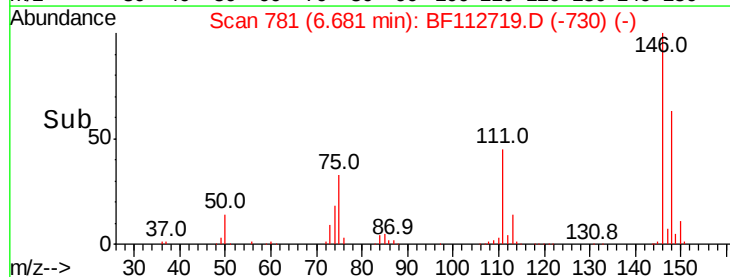
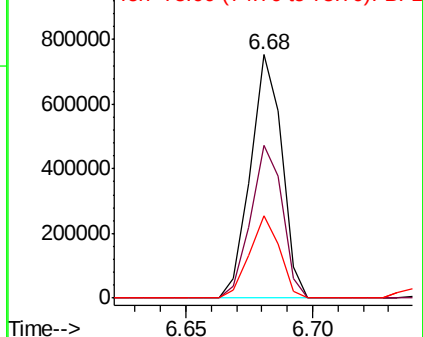


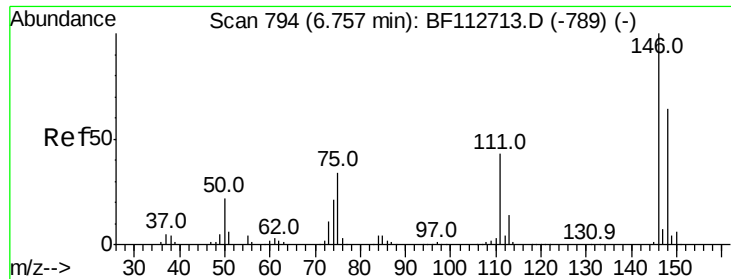
#12
1,3-Dichlorobenzene
Concen: 39.306 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion: 146 Resp: 651461
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 33.9 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: 39.084 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

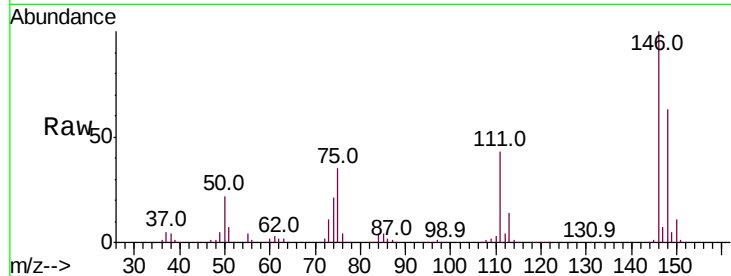
Tot Ion:146 Resp: 649645

Ion Ratio Lower Upper

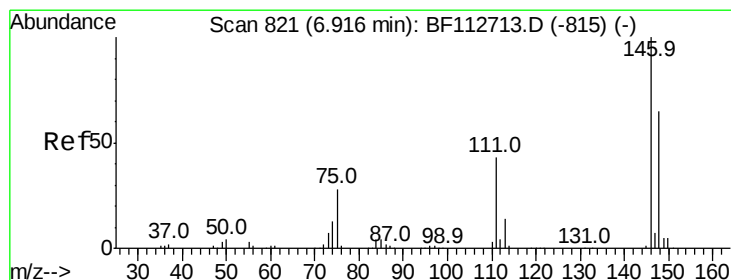
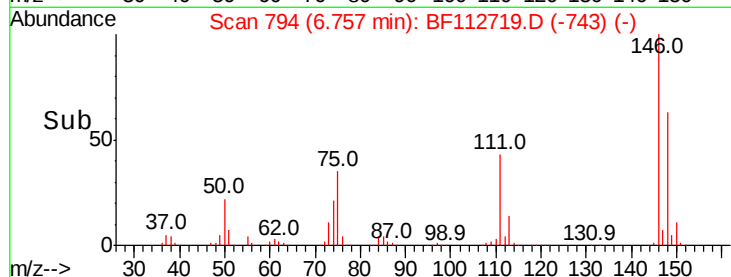
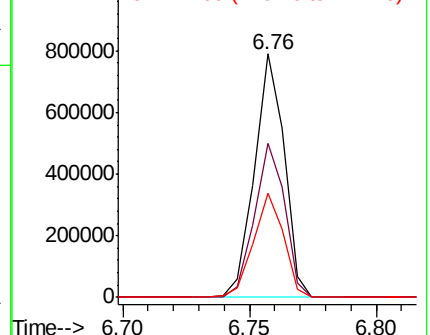
146 100

148 63.4 51.0 76.4

111 43.0 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: 38.993 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

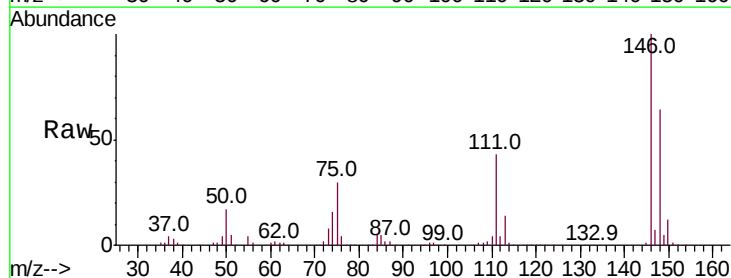
Tgt Ion:146 Resp: 594151

Ion Ratio Lower Upper

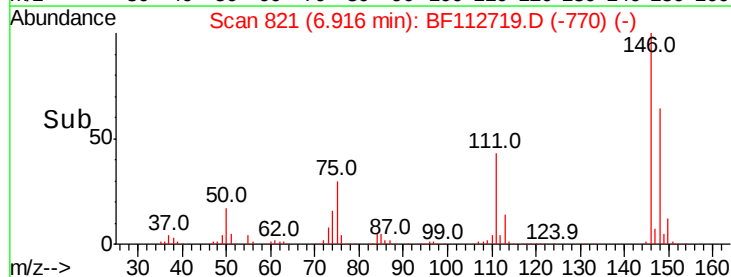
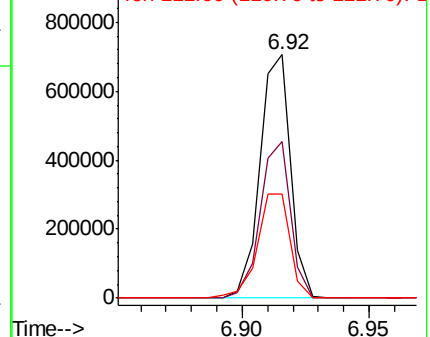
146 100

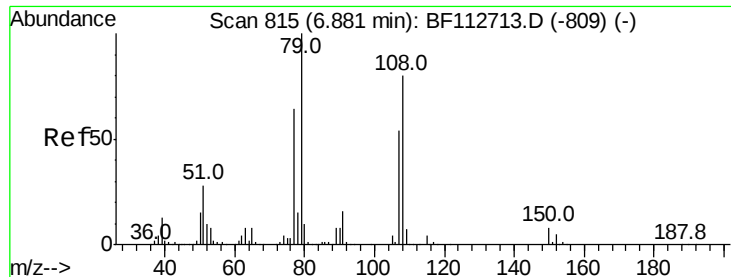
148 64.2 52.0 78.0

111 42.7 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: 40.052 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

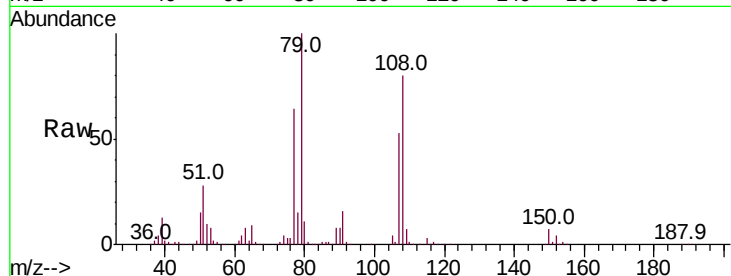
Tot Ion: 79 Resp: 552949

Ion Ratio Lower Upper

79 100

108 79.8 64.2 96.4

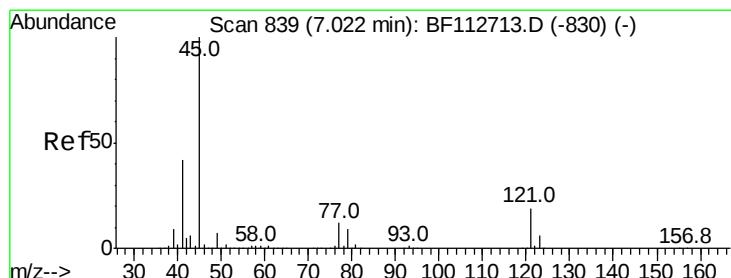
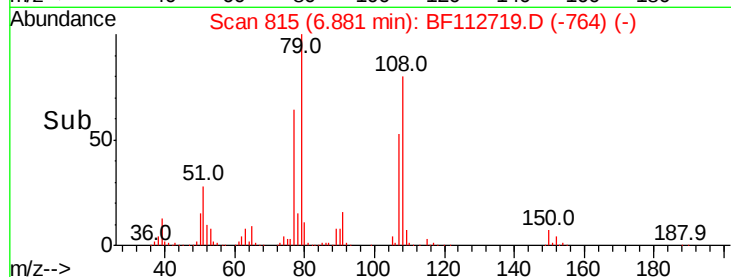
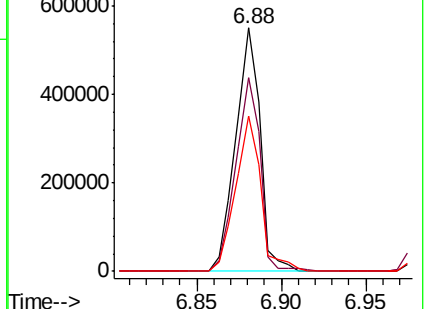
77 63.8 51.1 76.7



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: 39.499 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

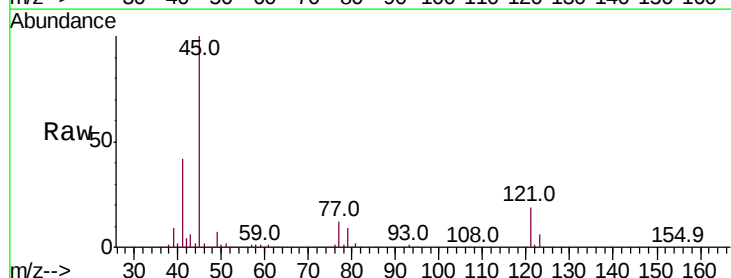
Tgt Ion: 45 Resp: 1068944

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.1

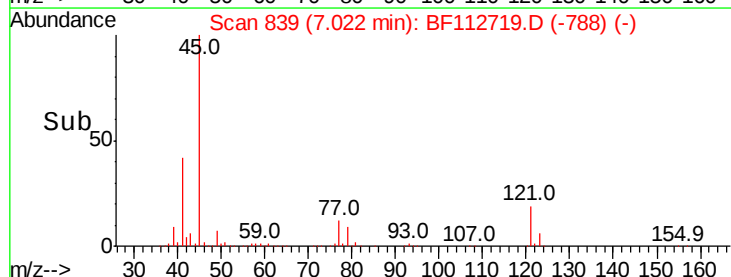
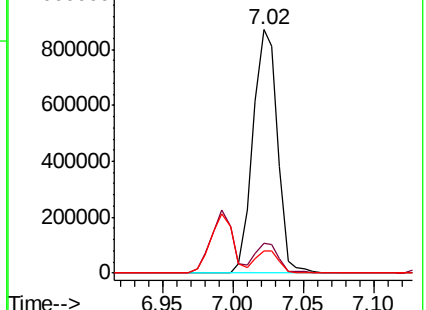
79 9.1 0.0 29.4

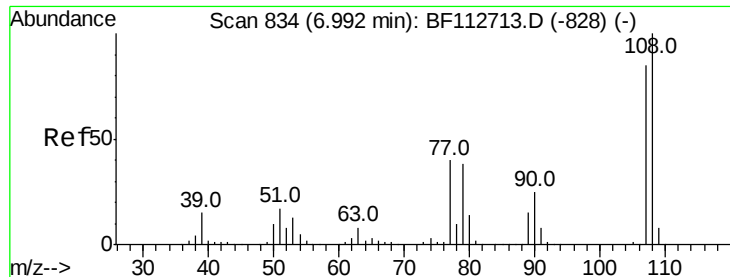


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

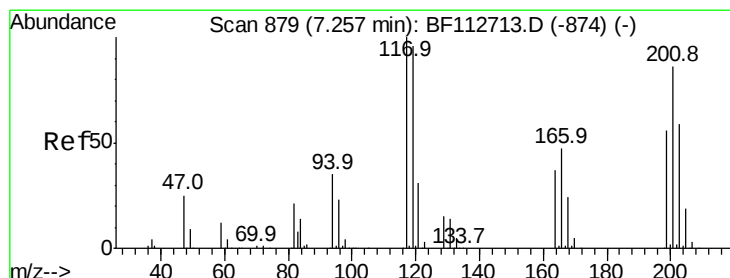
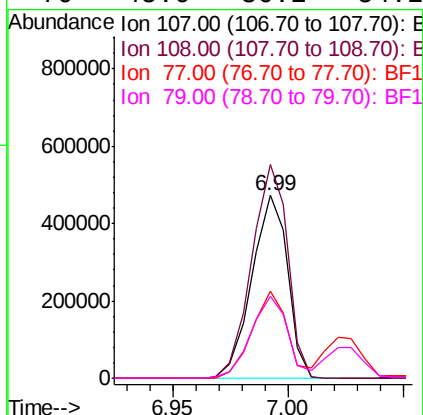
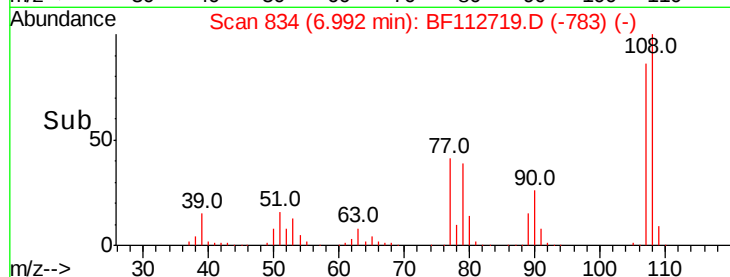
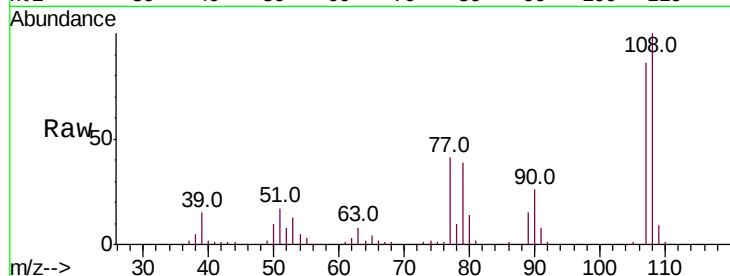




#17
2-Methylphenol
Concen: 39.345 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

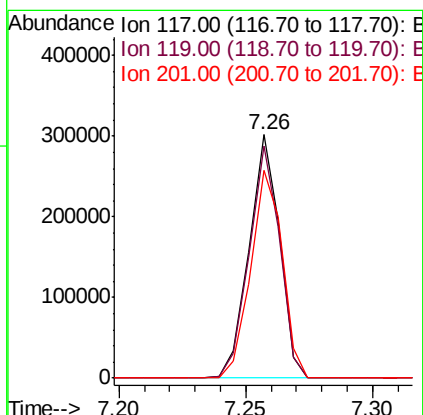
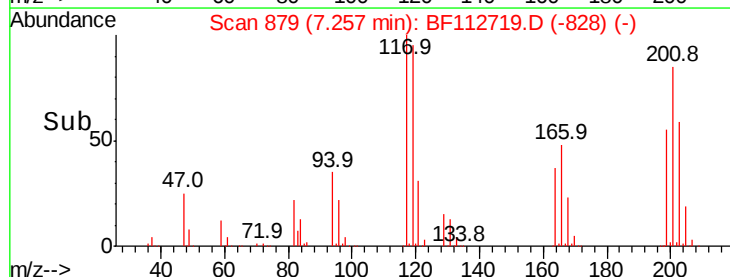
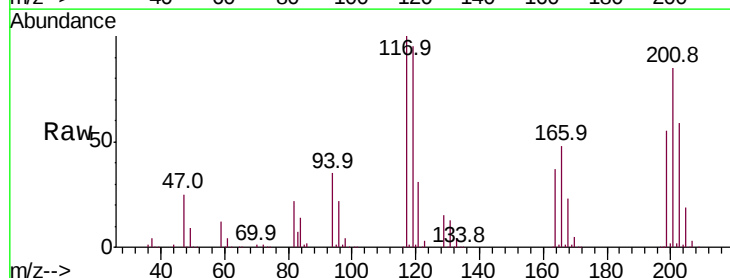
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

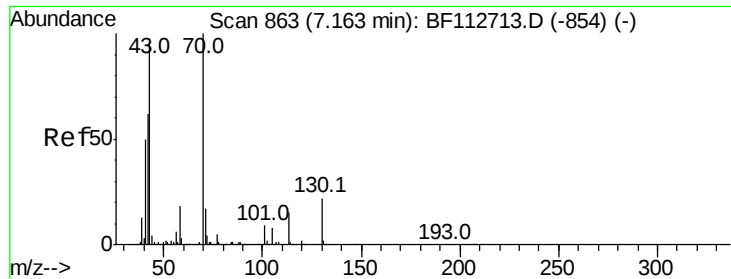
Tot Ion:	107	Resp:	512111
Ion	Ratio	Lower	Upper
107	100		
108	116.8	94.6	142.0
77	47.6	37.8	56.8
79	45.0	36.2	54.2



#18
Hexachloroethane
Concen: 39.710 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:	117	Resp:	252836
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	115.0
201	85.5	68.9	103.3

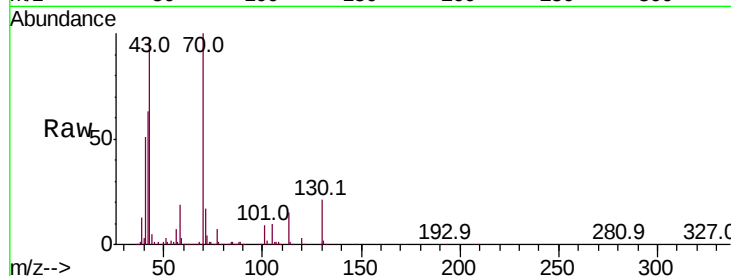




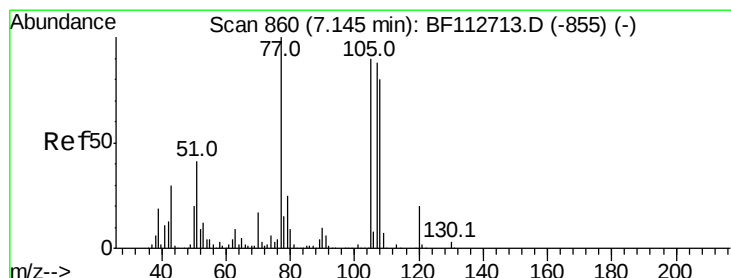
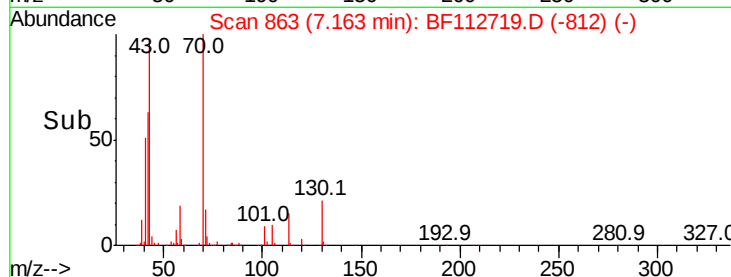
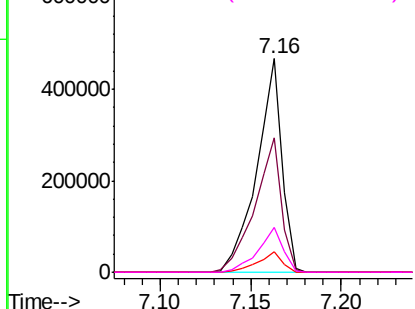
#19
n-Nitroso-di-n-propylamine
Concen: 39.264 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	450230
Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.9	74.9
101	9.5	7.4	11.2
130	21.2	17.4	26.2

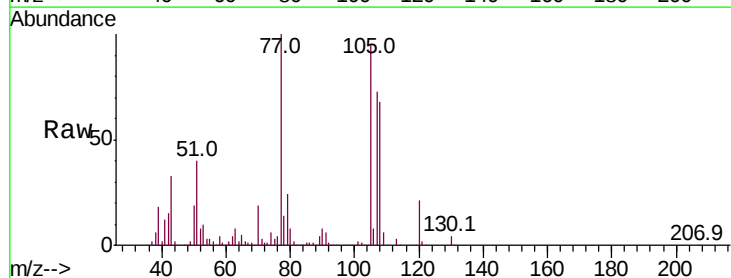


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

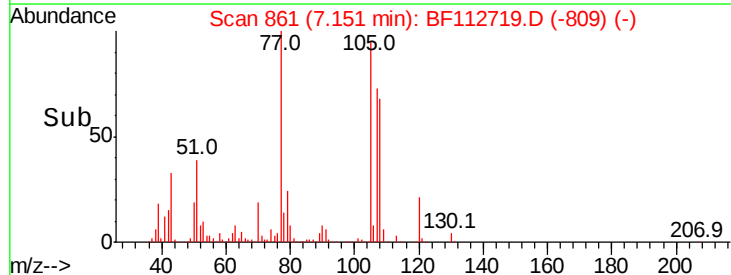
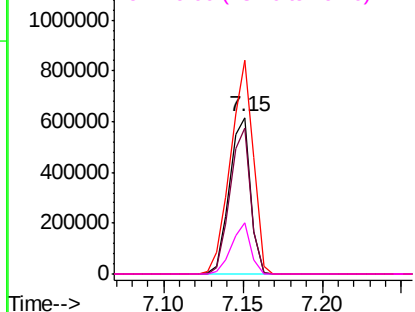


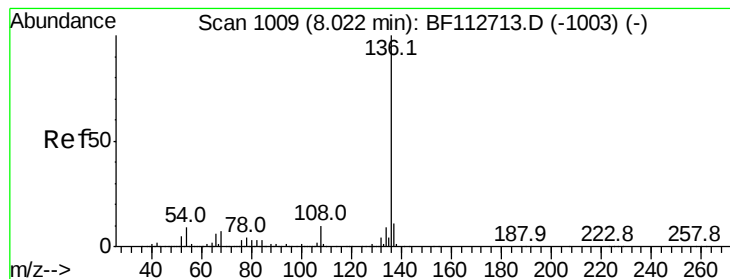
#20
3+4-Methylphenols
Concen: 38.513 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:	107	Resp:	565937
Ion	Ratio	Lower	Upper
107	100		
108	93.3	71.4	111.4
77	136.6	94.1	134.1#
79	32.5	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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 892602

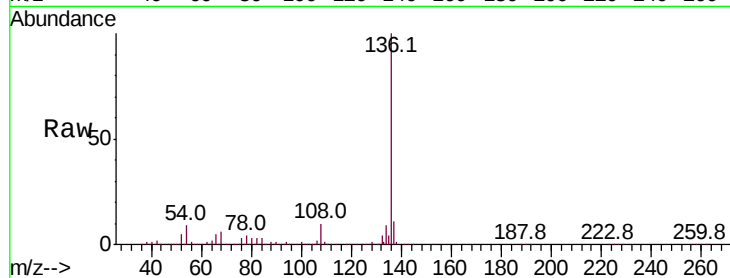
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.0 7.3 10.9

68 6.4 5.4 8.2

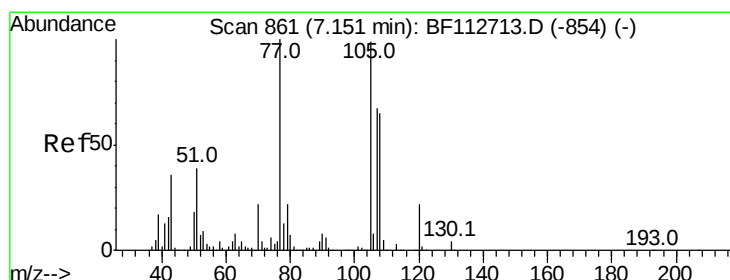
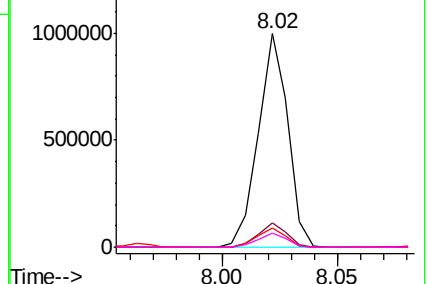
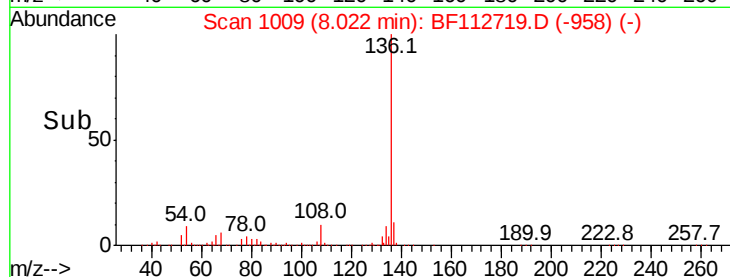


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.116 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Tgt Ion:105 Resp: 837277

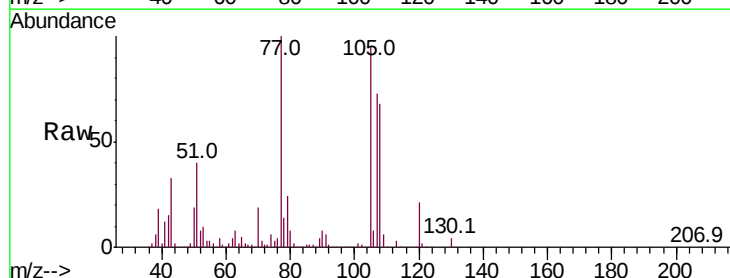
Ion Ratio Lower Upper

105 100

71 3.5 3.0 4.4

51 41.5 31.5 47.3

120 21.9 18.1 27.1

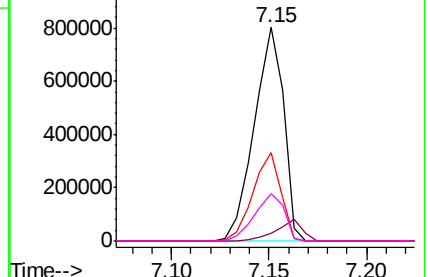
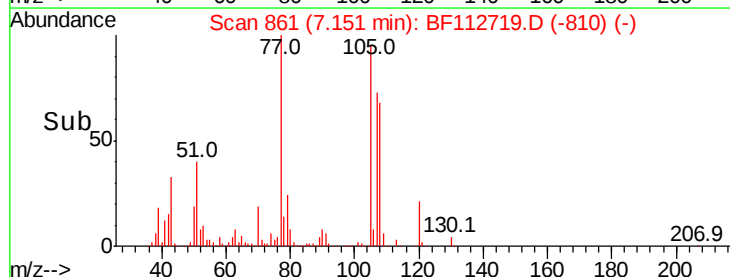


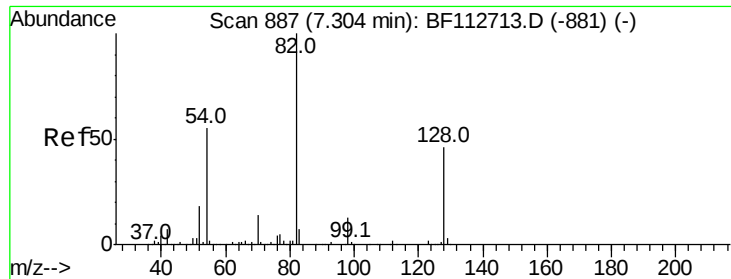
Abundance Ion 105.00 (104.70 to 105.70): E

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

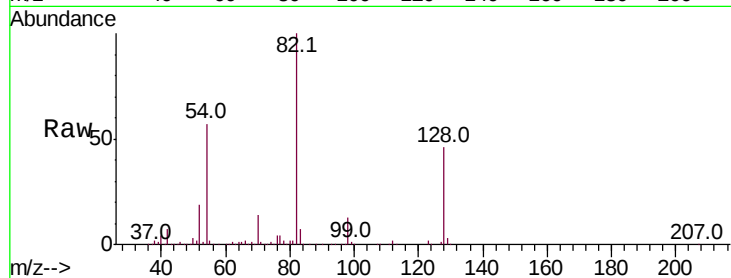




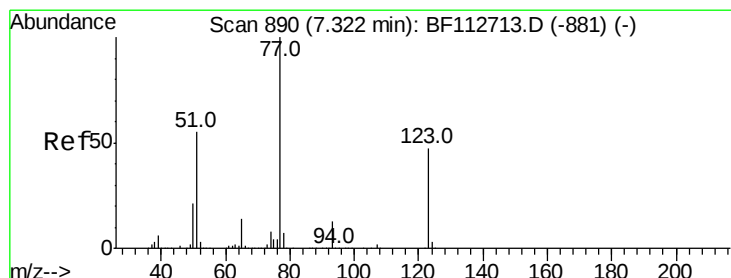
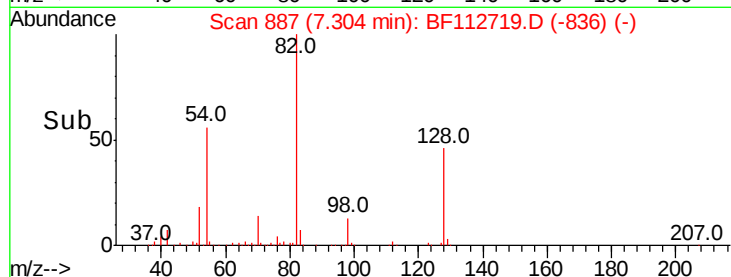
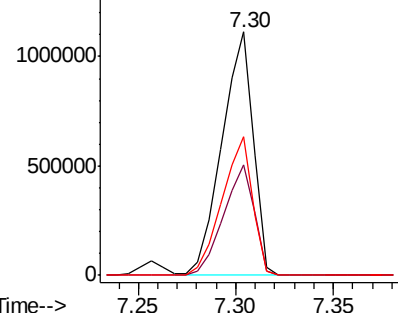
#23
Nitrobenzene-d5
Concen: 82.538 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1231225
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 56.8 43.7 65.5

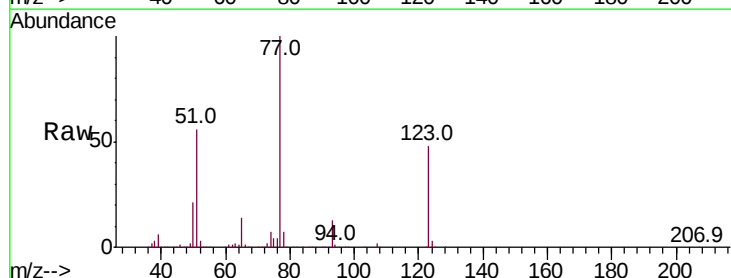


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

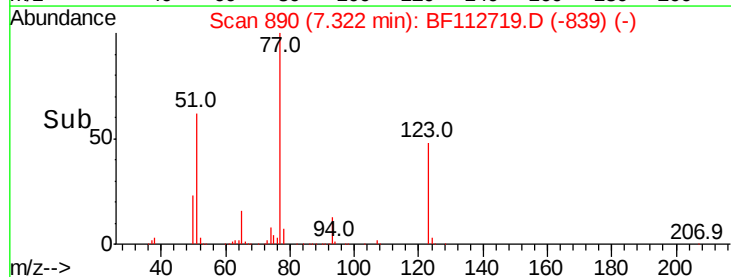
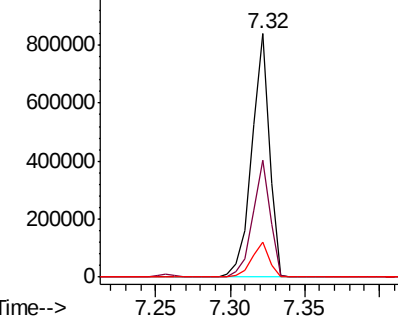


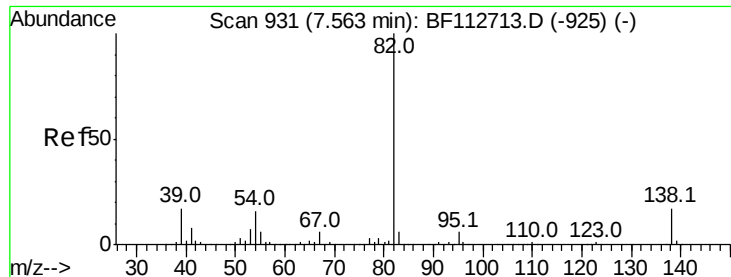
#24
Nitrobenzene
Concen: 40.753 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion: 77 Resp: 676606
Ion Ratio Lower Upper
77 100
123 48.2 37.8 56.6
65 14.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.606 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

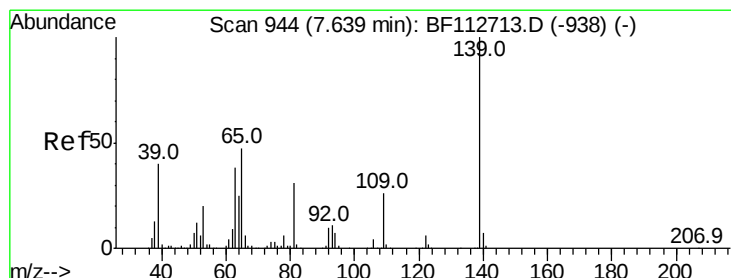
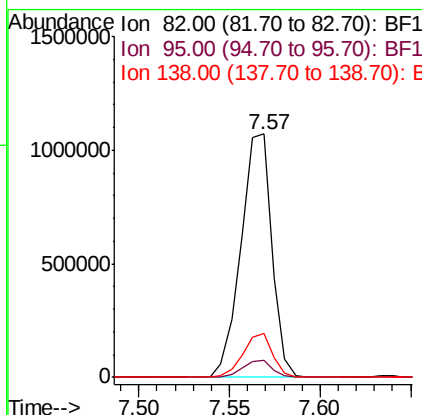
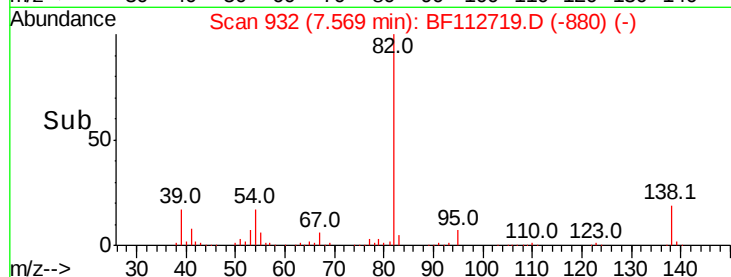
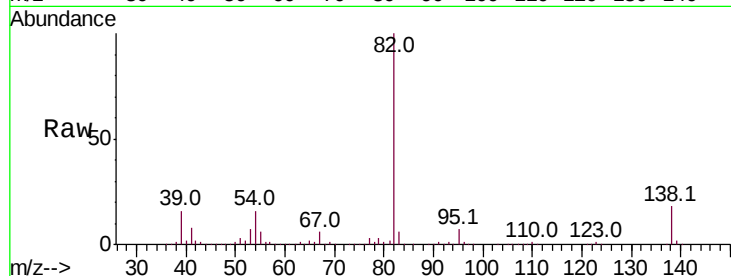
Tot Ion: 82 Resp: 1272783

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.1 13.8 20.8



#26

2-Nitrophenol

Concen: 43.797 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

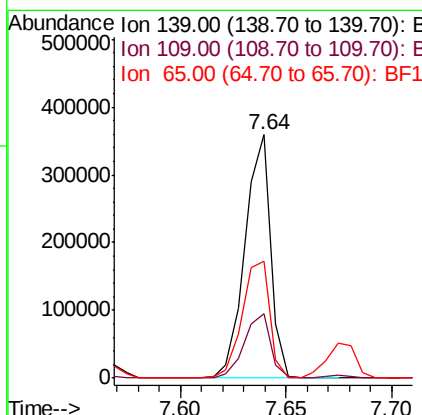
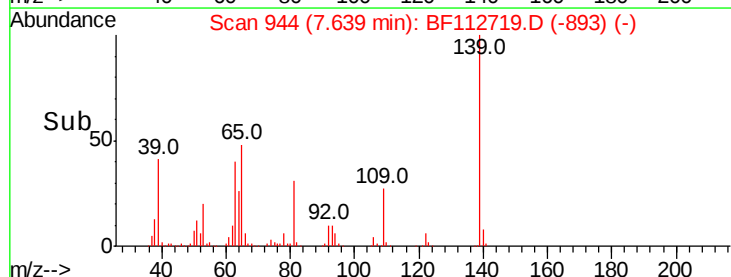
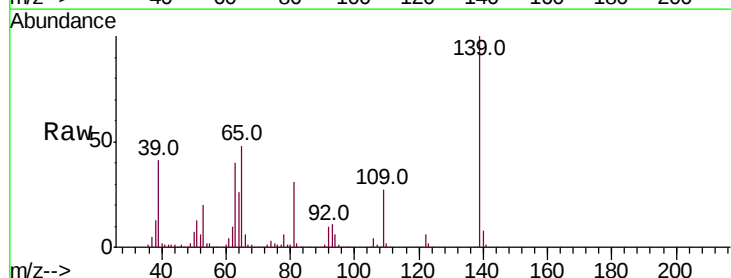
Tgt Ion:139 Resp: 302695

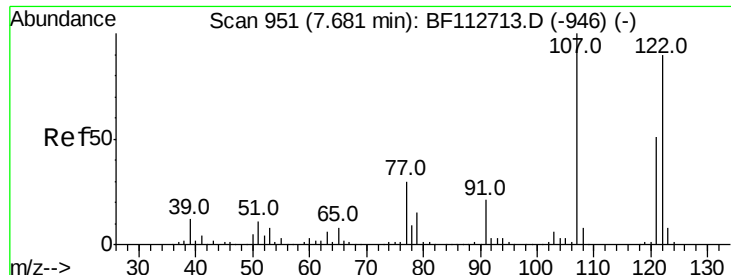
Ion Ratio Lower Upper

139 100

109 26.6 20.6 31.0

65 47.8 37.9 56.9

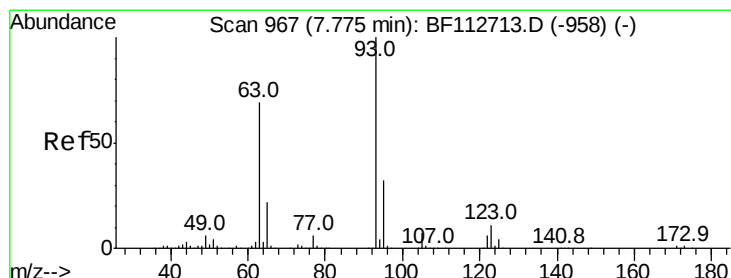
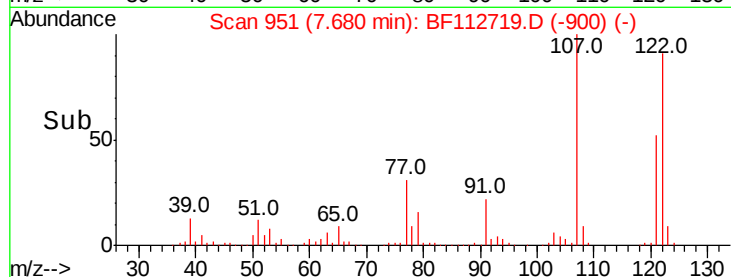
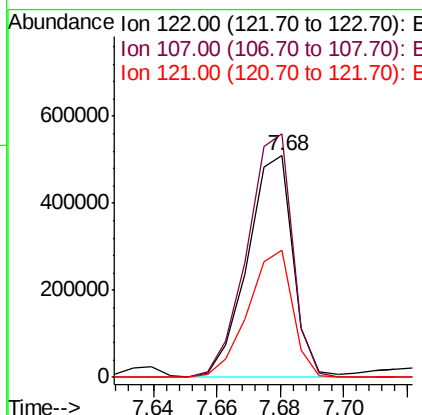
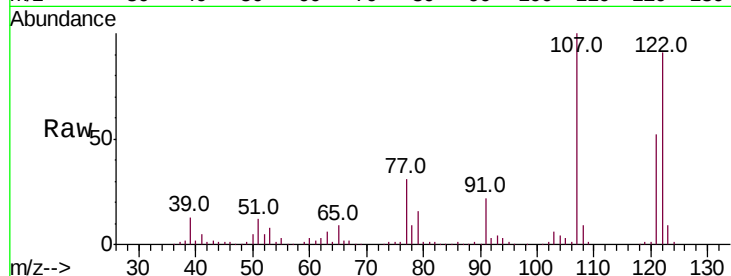




#27
 2,4-Dimethylphenol
 Concen: 39.534 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

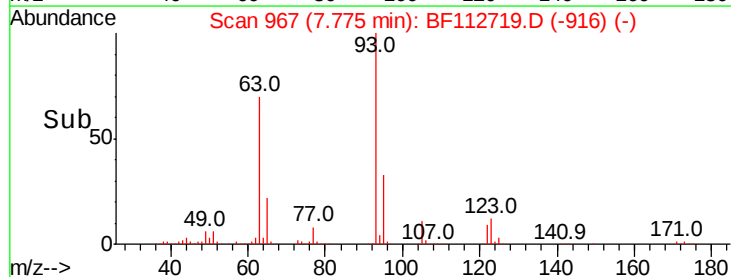
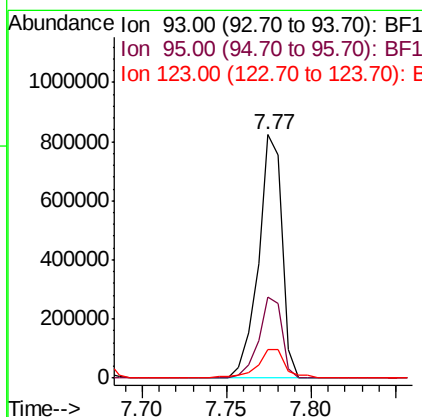
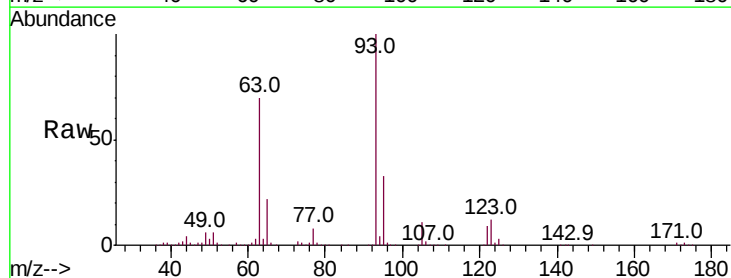
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

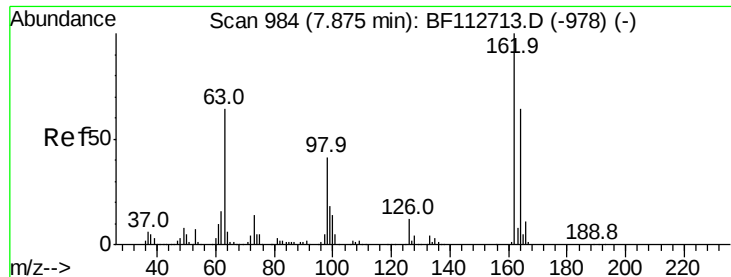
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.4	134.0
121	57.7	45.5	68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.604 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	11.7	9.3	13.9

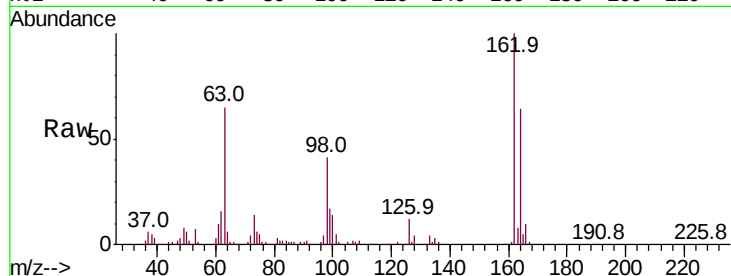




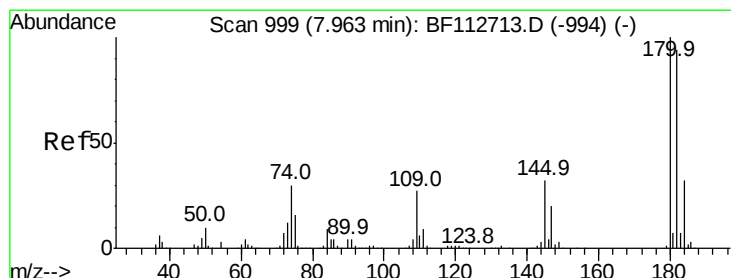
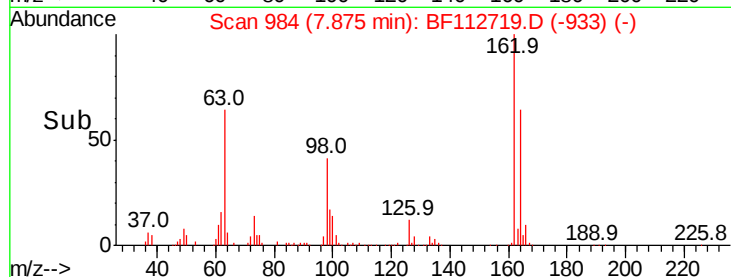
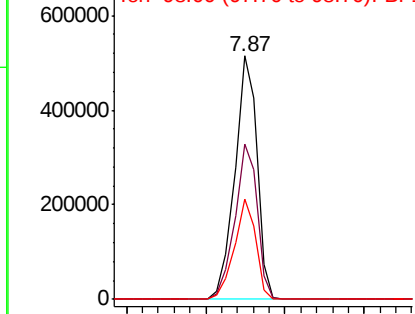
#29
2,4-Dichlorophenol
Concen: 40.143 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.0	84.0
98	41.3	20.7	60.7

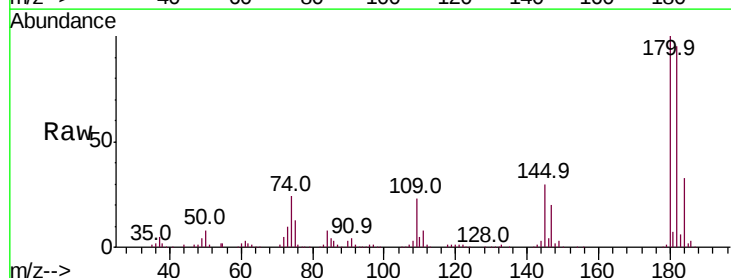


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

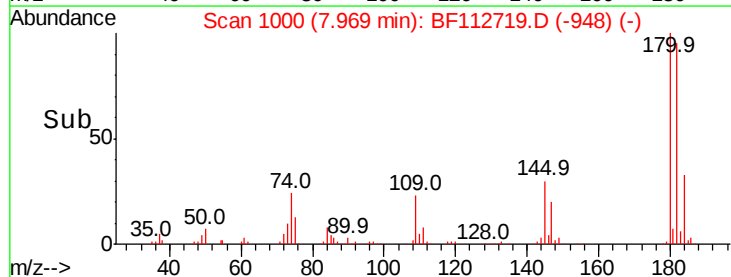
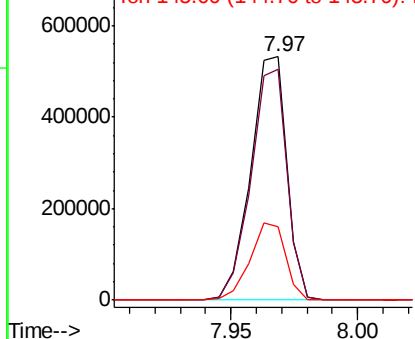


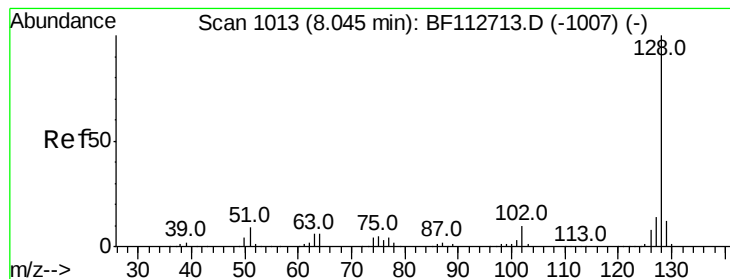
#30
1,2,4-Trichlorobenzene
Concen: 39.688 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.2	112.8
145	30.1	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: 38.777 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

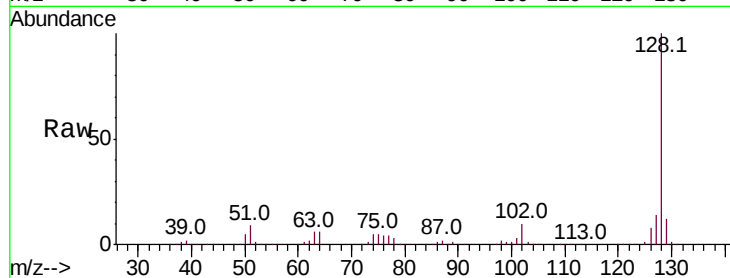
Tot Ion:128 Resp: 1718445

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

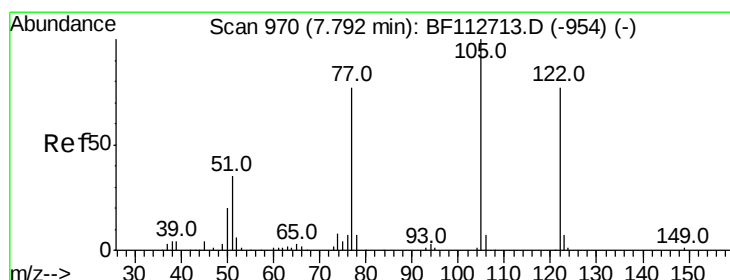
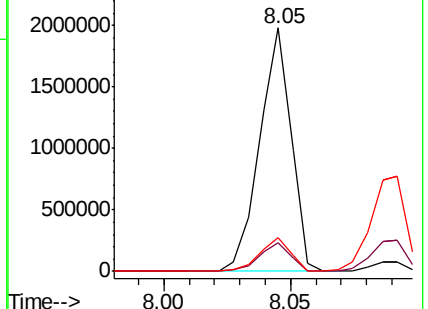
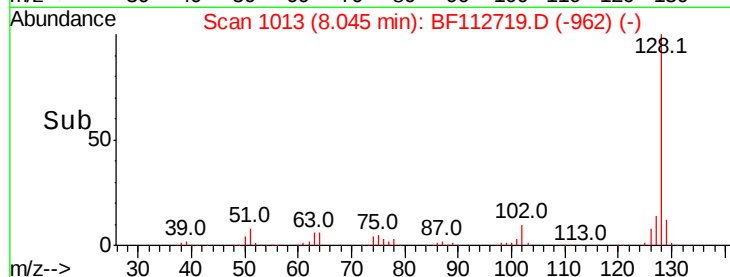
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.946 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

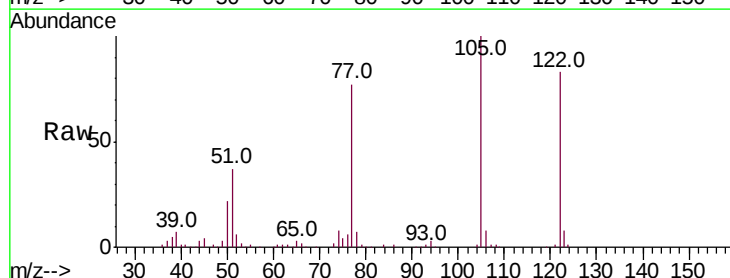
Tgt Ion:122 Resp: 314924

Ion Ratio Lower Upper

122 100

105 120.0 106.8 146.8

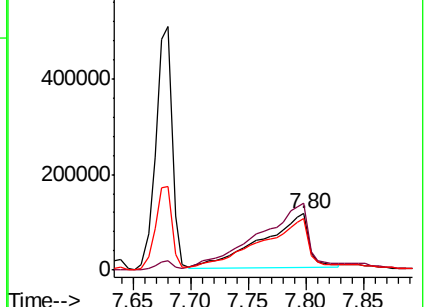
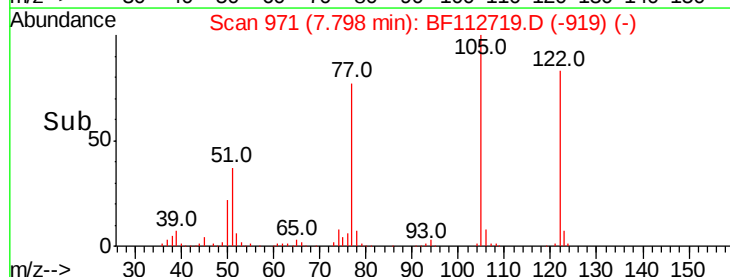
77 91.9 79.4 119.4

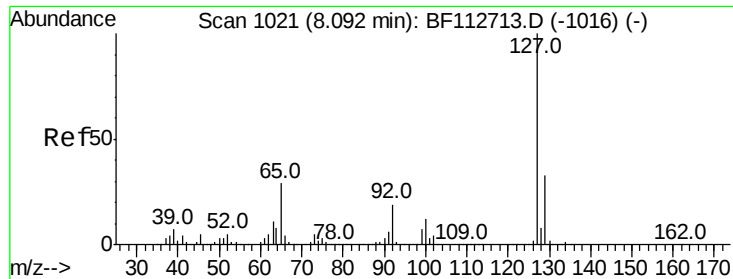


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

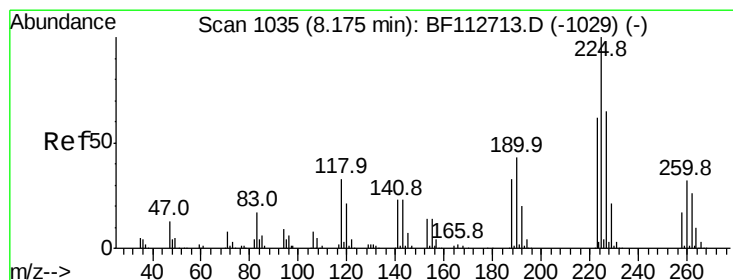
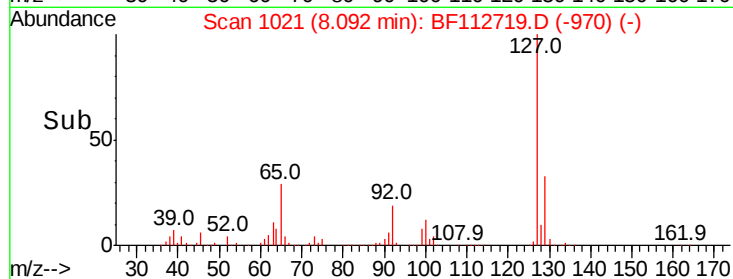
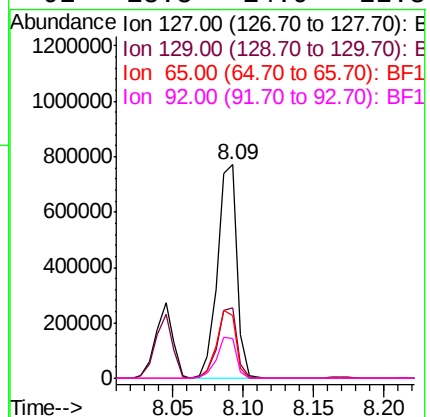
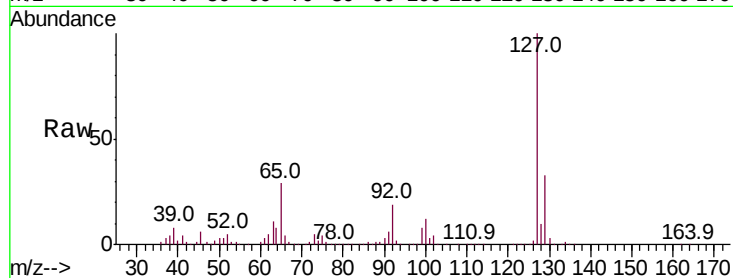




#33
4-Chloroaniline
Concen: 39.414 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

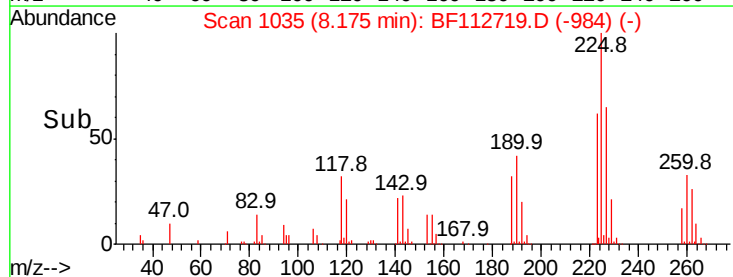
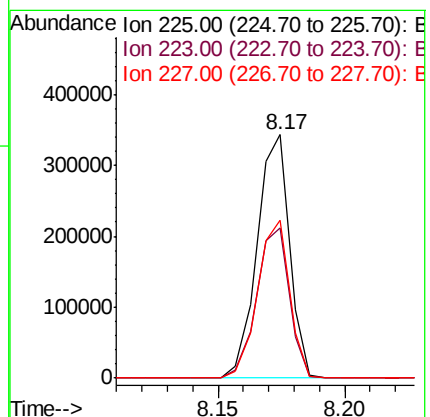
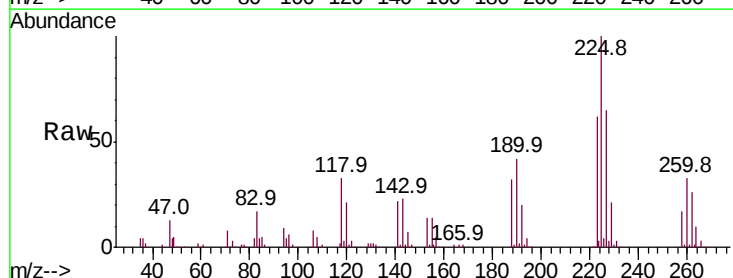
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

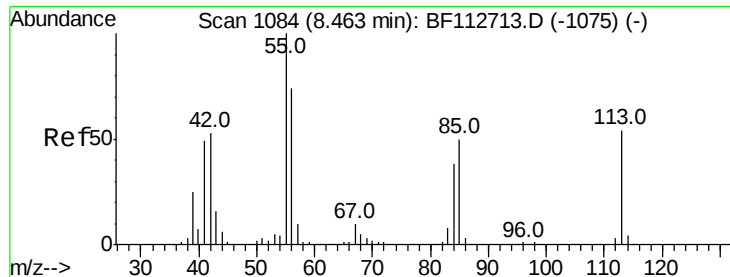
Tot Ion:	127	Resp:	739795
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	29.4	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 40.673 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:	225	Resp:	307321
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	65.0	52.1	78.1





#35

Caprolactam

Concen: 41.075 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

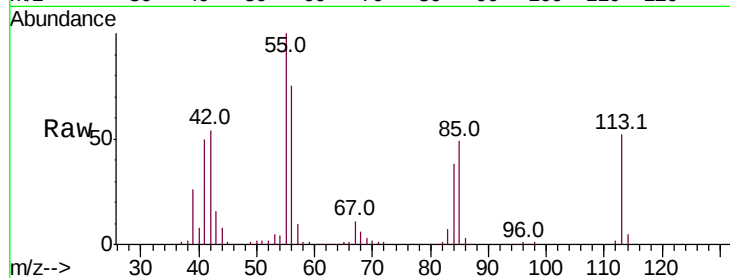
Tot Ion:113 Resp: 180386

Ion Ratio Lower Upper

113 100

55 192.0 163.5 203.5

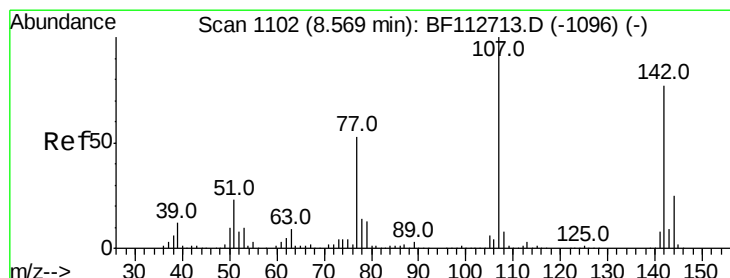
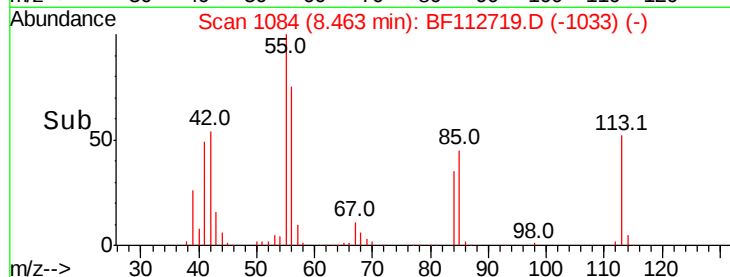
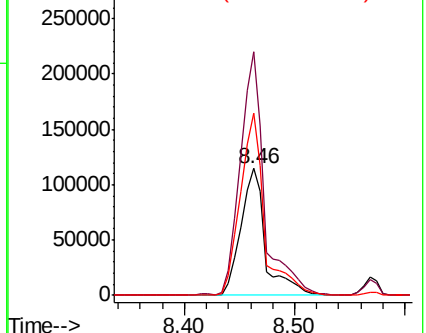
56 143.9 115.3 155.3



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: 40.057 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

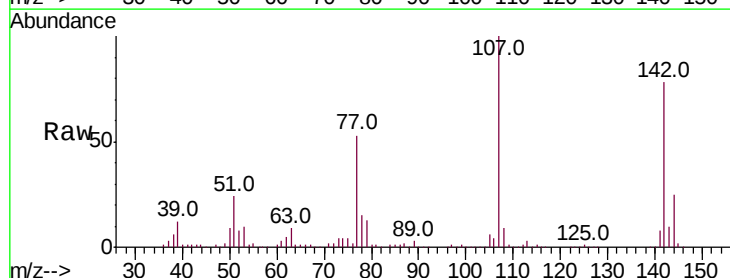
Tgt Ion:107 Resp: 552751

Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

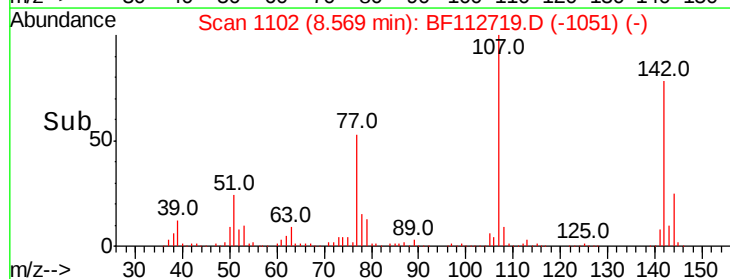
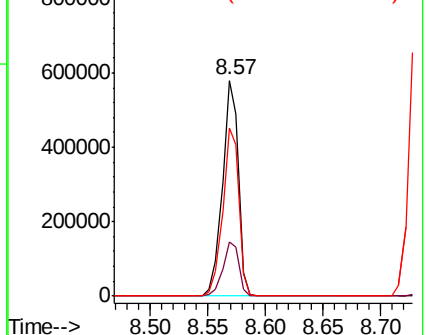
142 77.9 61.9 92.9

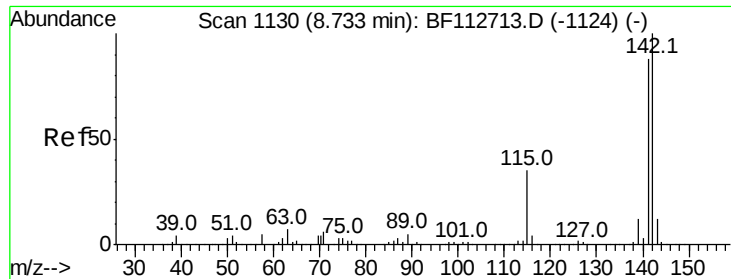


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

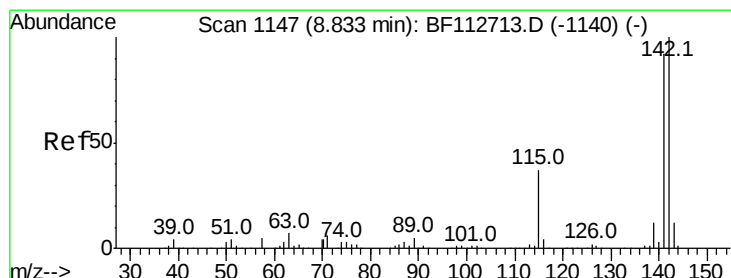
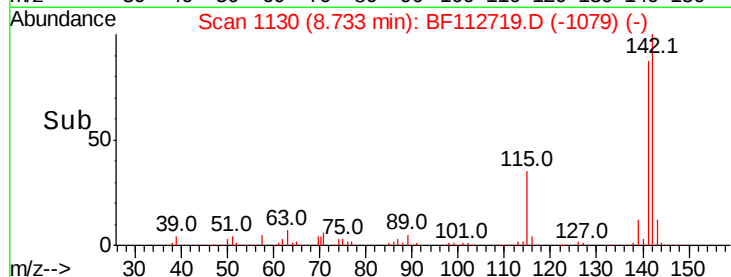
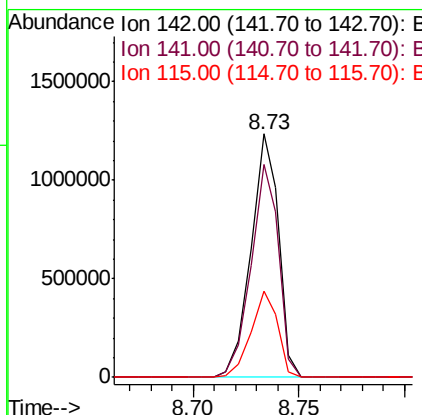
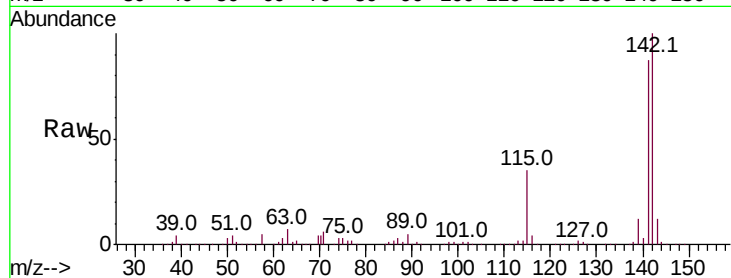




#37
2-Methylnaphthalene
Concen: 39.262 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

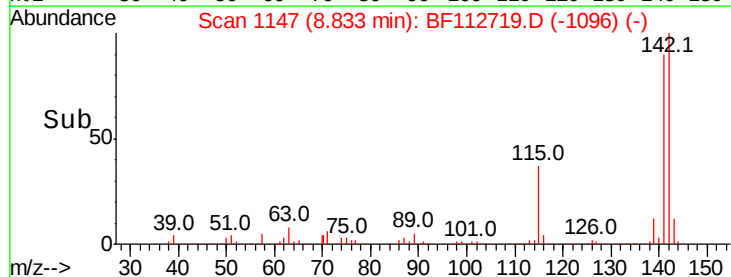
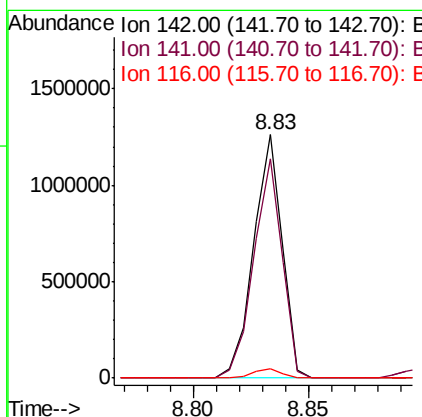
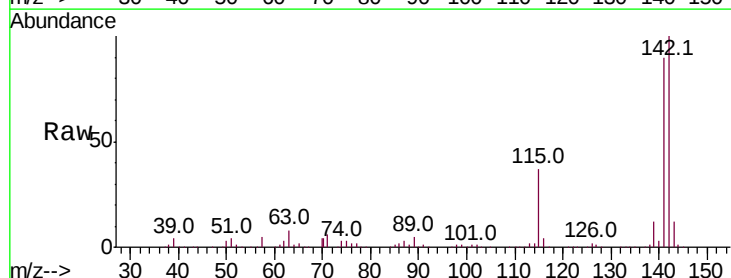
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

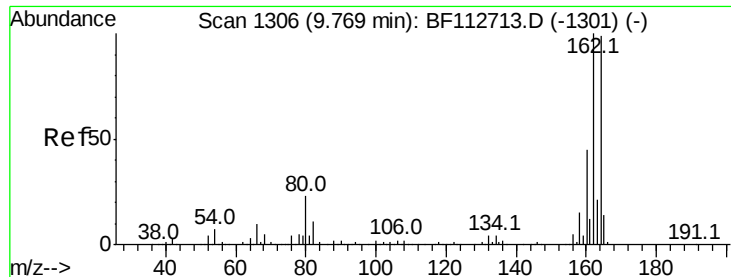
Tot Ion:142 Resp: 1123617
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5
115 35.3 27.8 41.6



#38
1-Methylnaphthalene
Concen: 39.376 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:142 Resp: 1091594
Ion Ratio Lower Upper
142 100
141 90.3 73.7 110.5
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

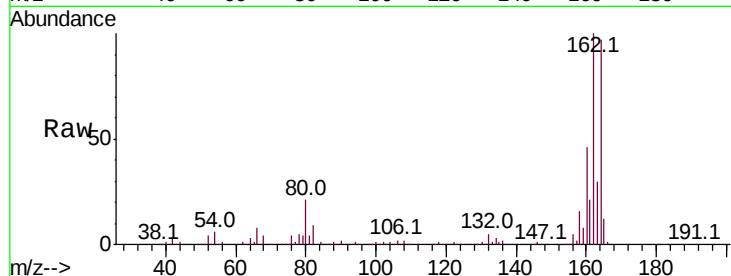
Tot Ion:164 Resp: 421046

Ion Ratio Lower Upper

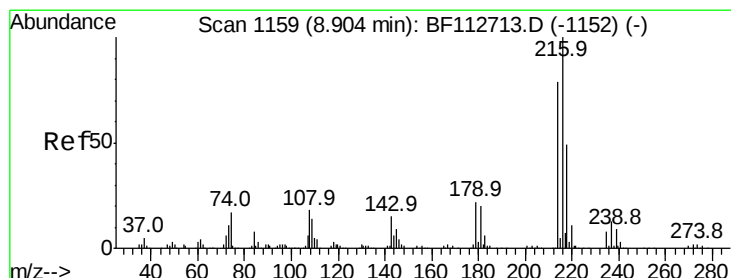
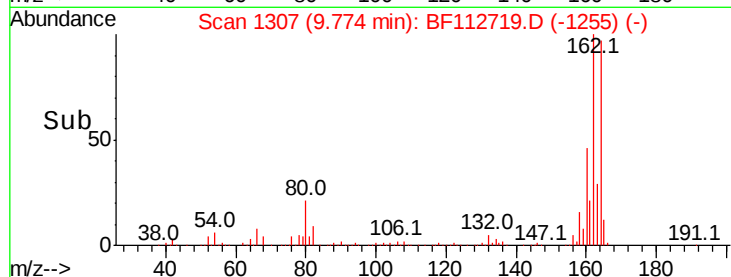
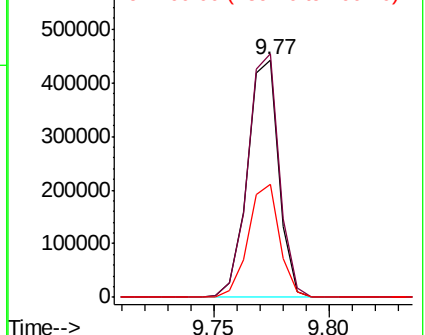
164 100

162 102.6 80.6 120.8

160 47.4 36.0 54.0



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.023 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Tgt Ion:216 Resp: 479135

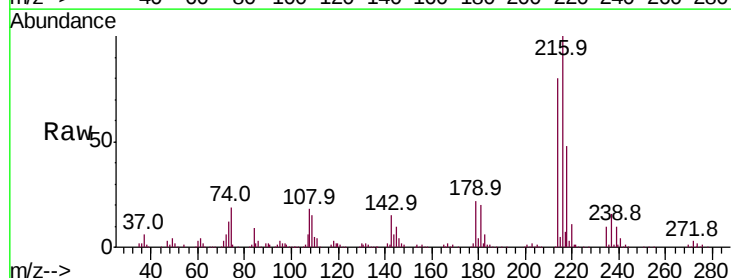
Ion Ratio Lower Upper

216 100

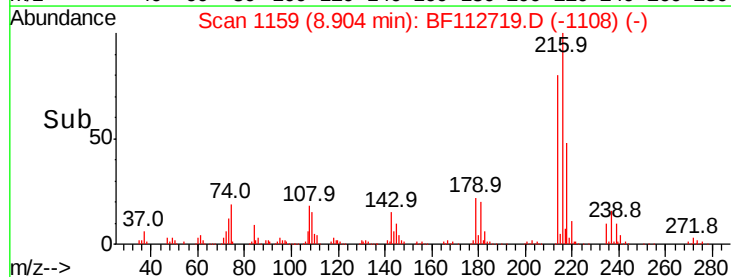
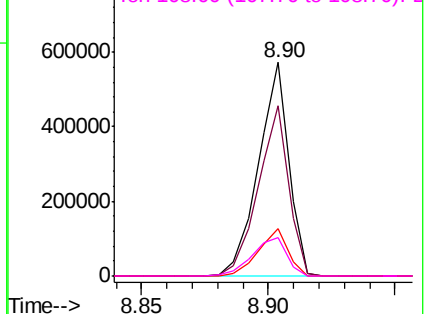
214 79.9 63.2 94.8

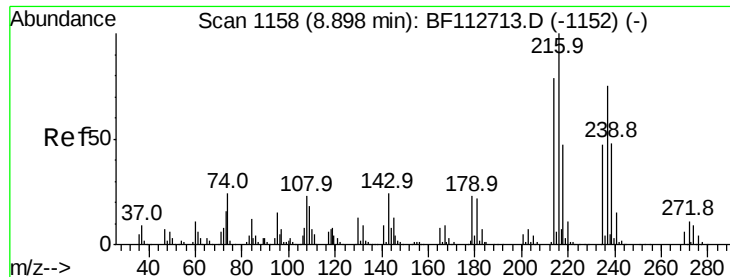
179 21.6 17.5 26.3

108 20.3 16.7 25.1



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





#41

Hexachlorocyclopentadiene

Concen: 39.908 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

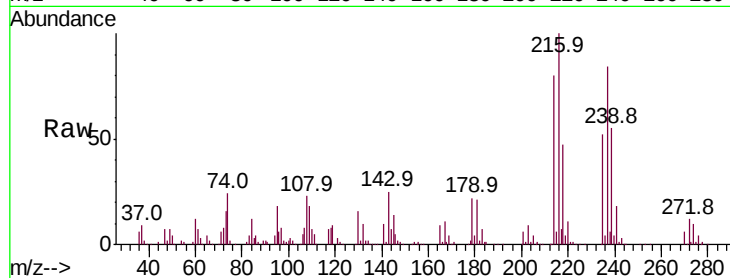
Tot Ion:237 Resp: 268323

Ion Ratio Lower Upper

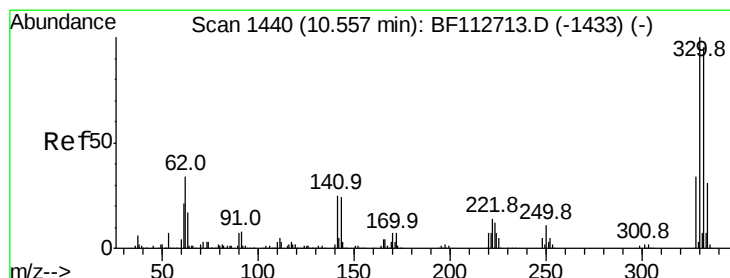
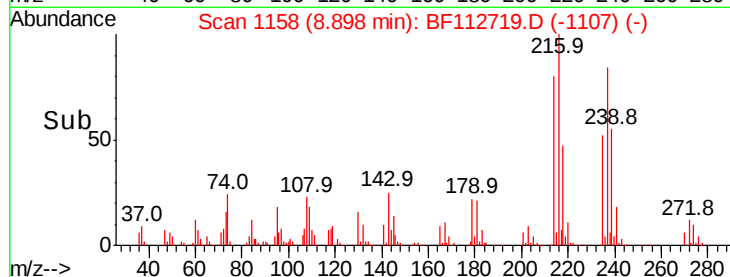
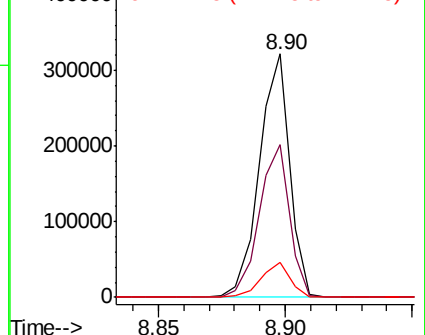
237 100

235 62.7 42.2 82.2

272 14.5 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: 80.929 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

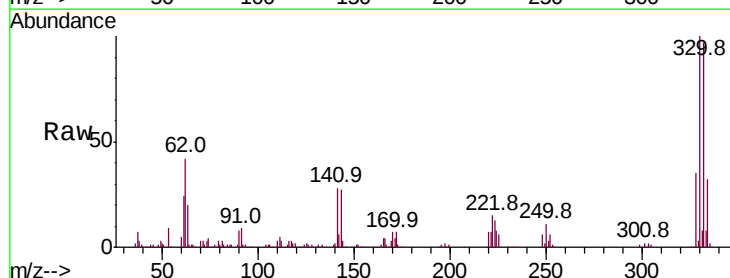
Tgt Ion:330 Resp: 361749

Ion Ratio Lower Upper

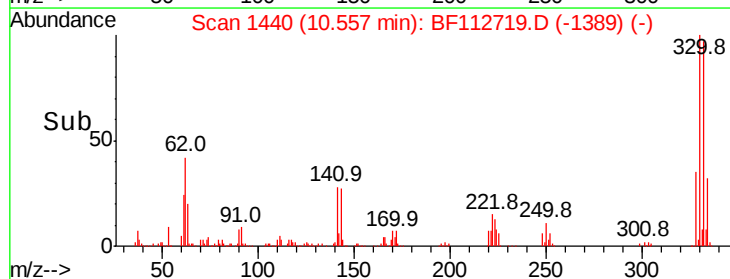
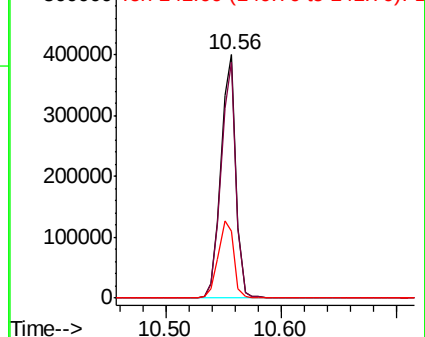
330 100

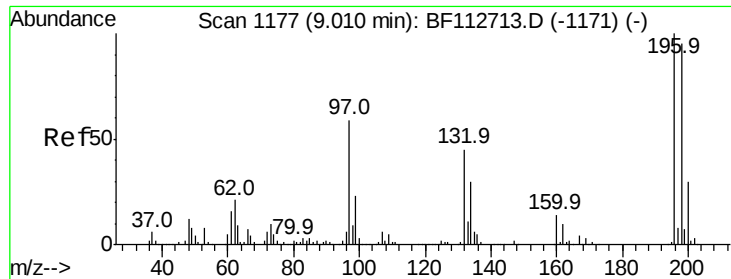
332 96.0 76.2 114.4

141 33.4 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

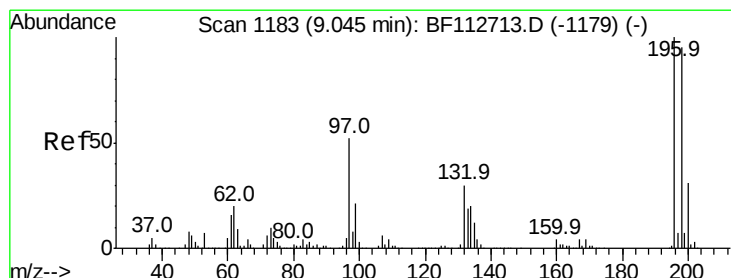
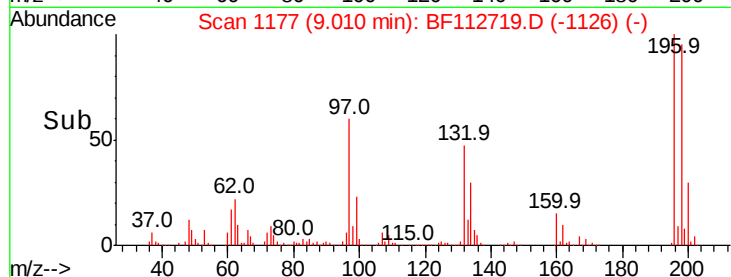
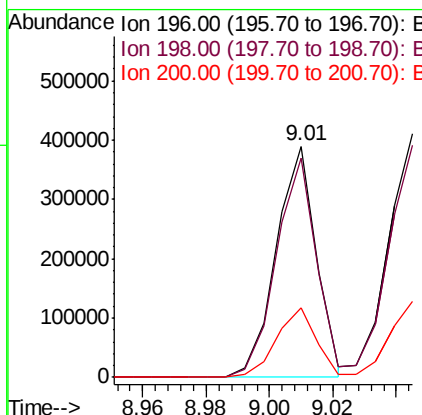
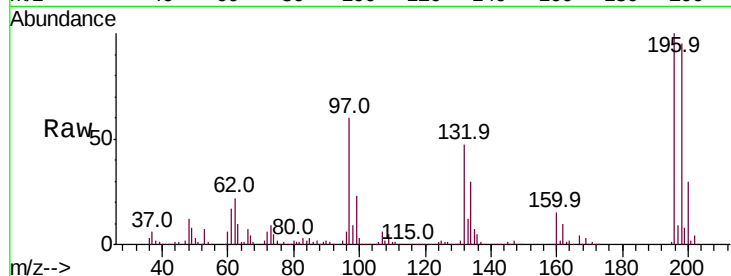




#43
 2,4,6-Trichlorophenol
 Concen: 40.520 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

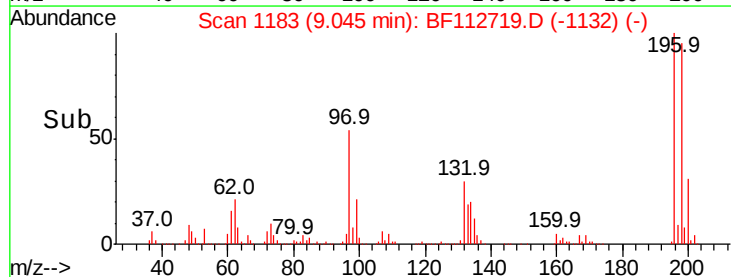
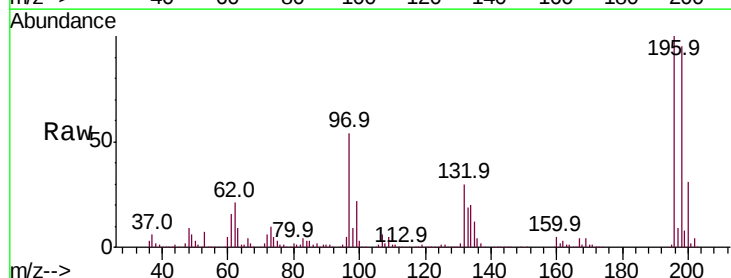
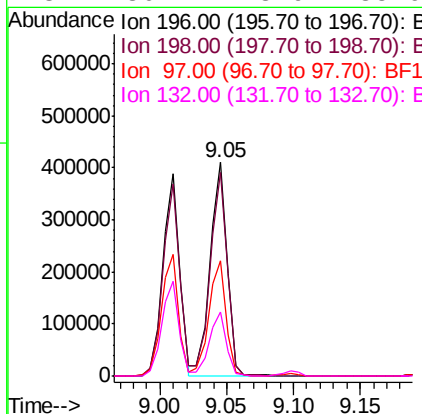
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

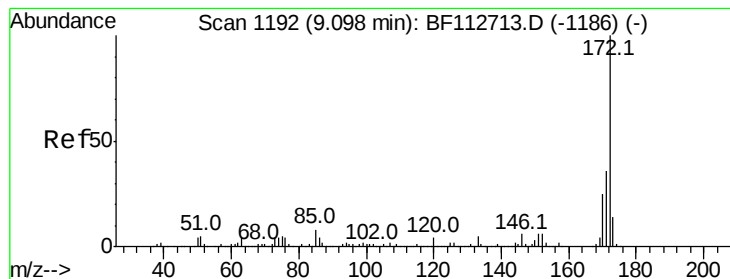
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.8	113.8
200	30.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.326 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
97	53.7	41.5	62.3
132	30.2	23.9	35.9





#45

2-Fluorobiphenyl

Concen: 83.094 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

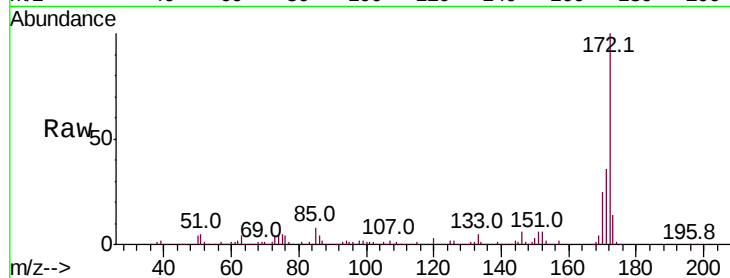
Tot Ion:172 Resp: 2045935

Ion Ratio Lower Upper

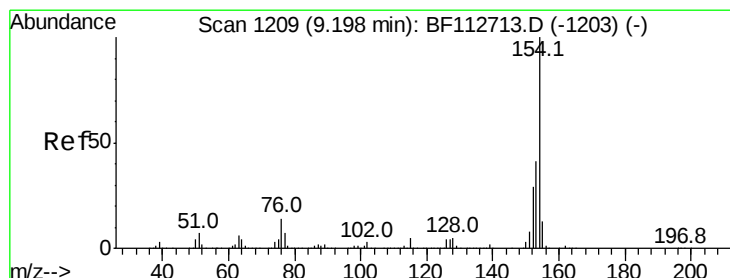
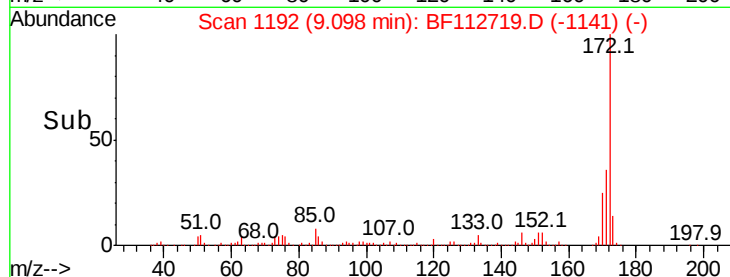
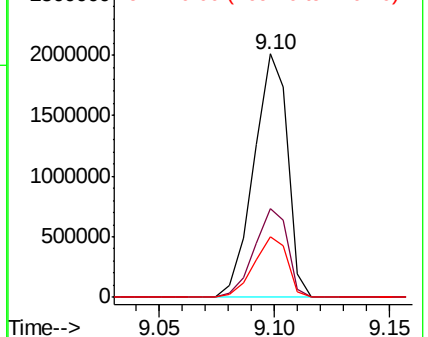
172 100

171 36.4 29.0 43.4

170 24.8 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: 40.029 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

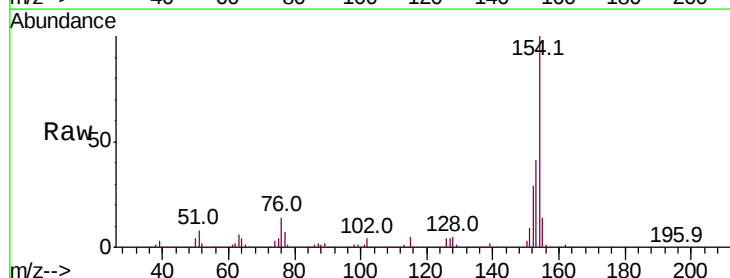
Tgt Ion:154 Resp: 1374697

Ion Ratio Lower Upper

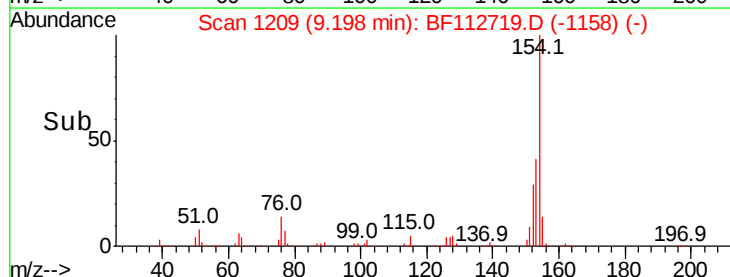
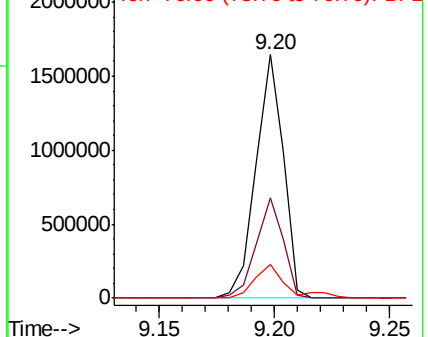
154 100

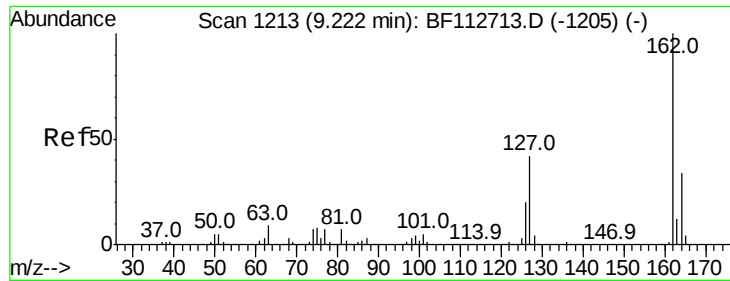
153 41.1 20.8 60.8

76 14.0 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



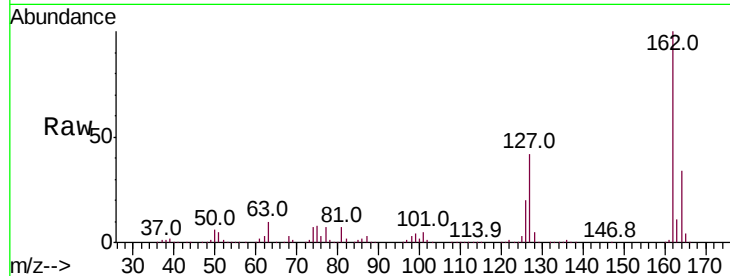


#47
 2-Chloronaphthalene
 Concen: 39.497 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

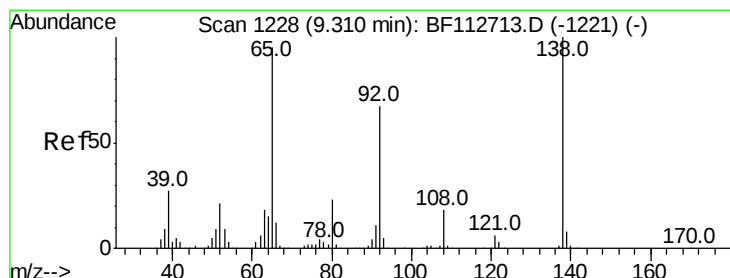
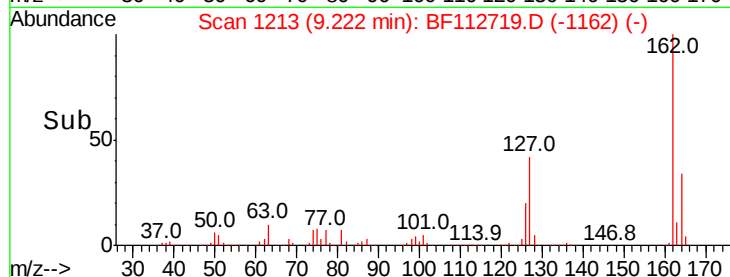
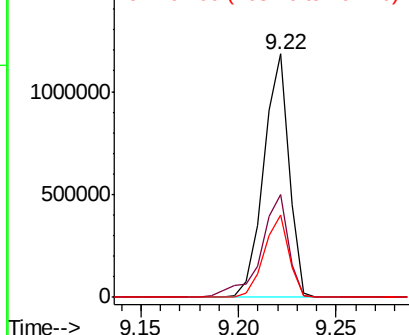
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1059154

Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.4	50.2
164	33.7	26.9	40.3



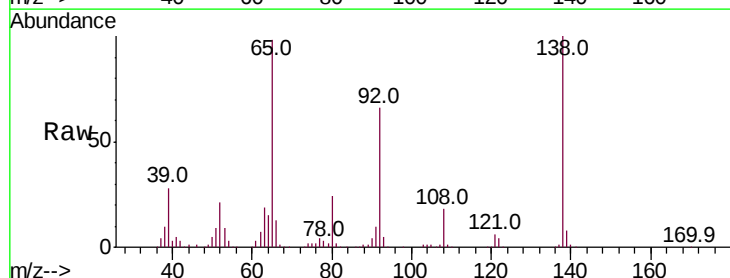
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



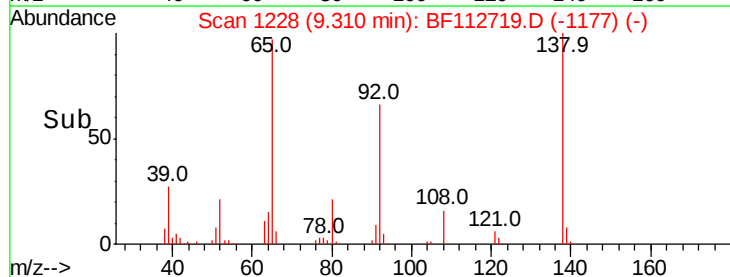
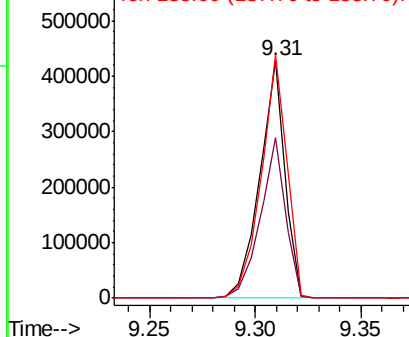
#48
 2-Nitroaniline
 Concen: 43.540 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

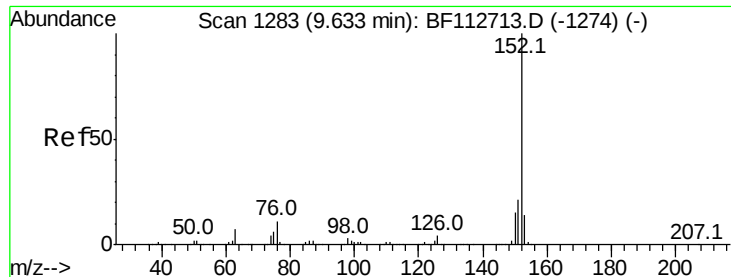
Tgt Ion: 65 Resp: 354893

Ion	Ratio	Lower	Upper
65	100		
92	67.7	56.4	84.6
138	102.4	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: 38.674 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

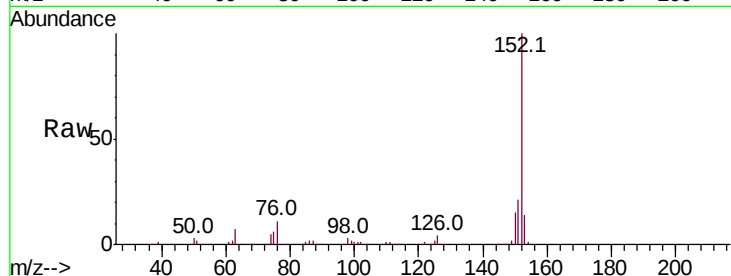
Tot Ion:152 Resp: 1760631

Ion Ratio Lower Upper

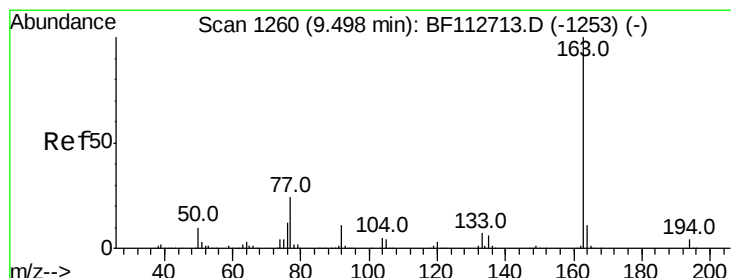
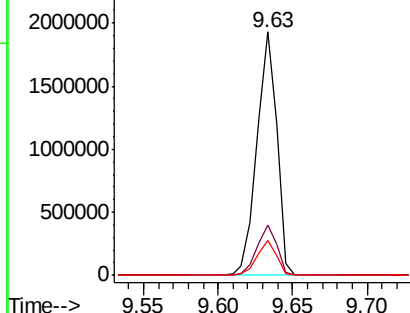
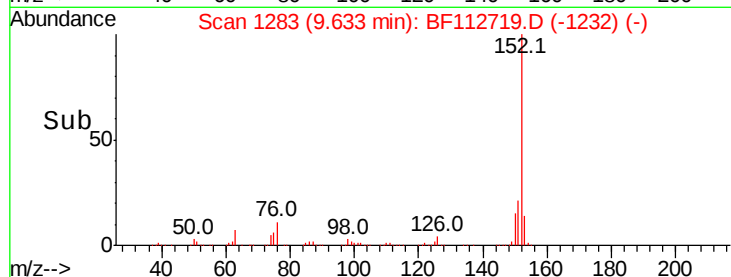
152 100

151 20.9 16.9 25.3

153 14.2 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: 39.021 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

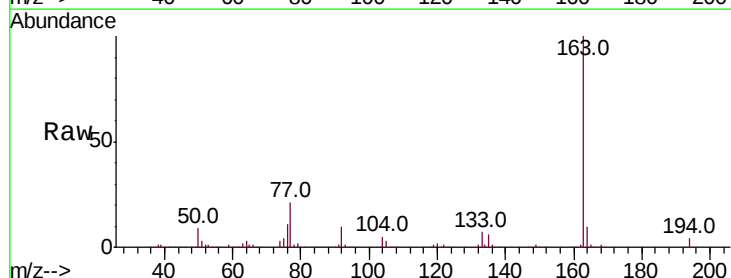
Tgt Ion:163 Resp: 1211433

Ion Ratio Lower Upper

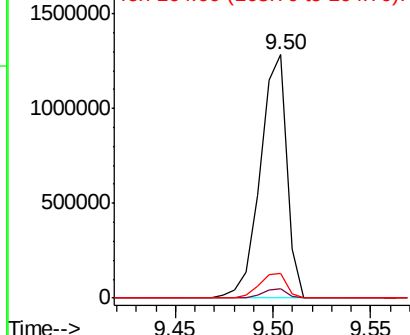
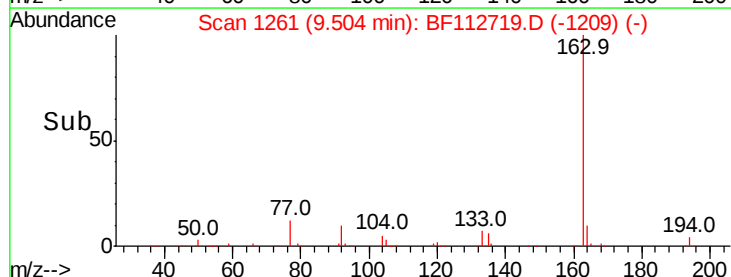
163 100

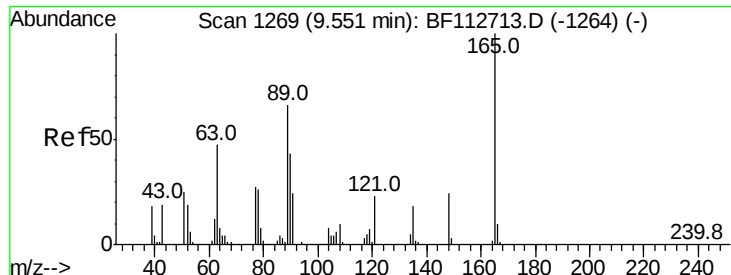
194 4.1 3.0 4.4

164 10.2 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

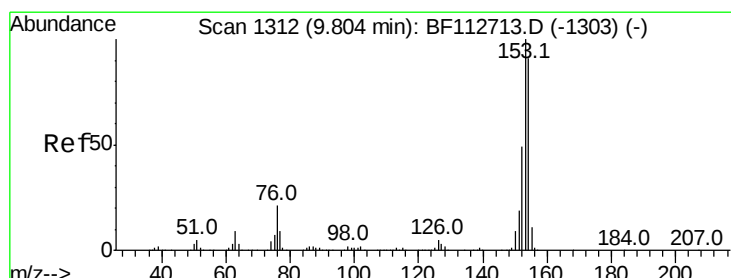
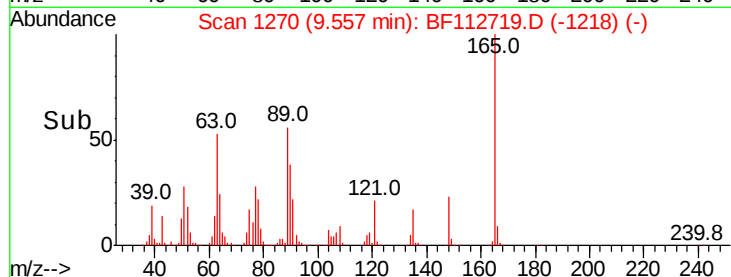
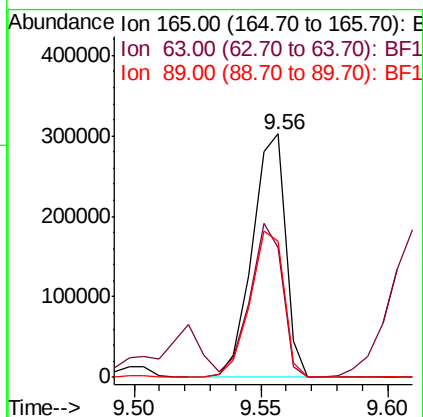
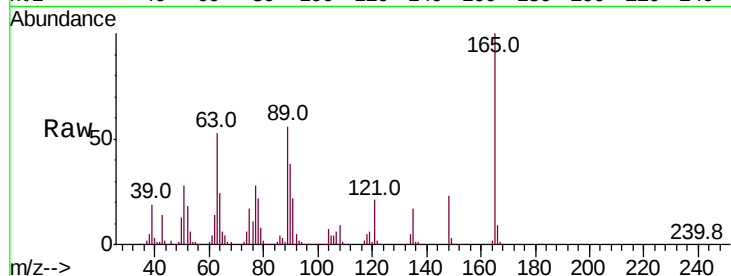




#51
2,6-Dinitrotoluene
Concen: 42.997 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

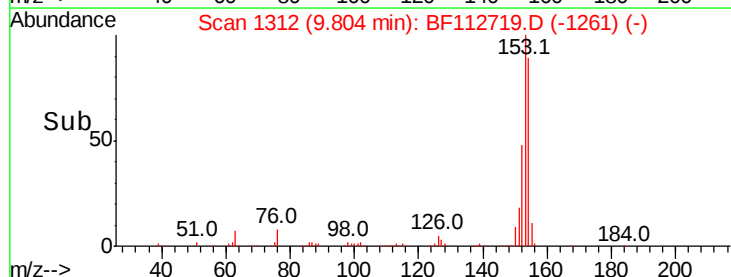
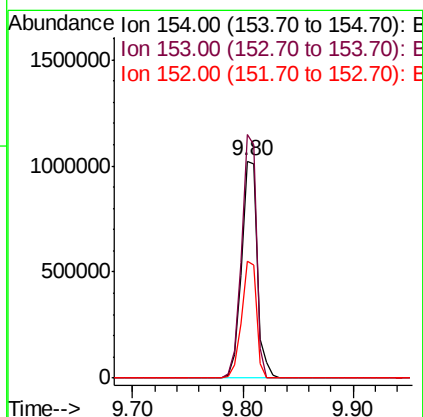
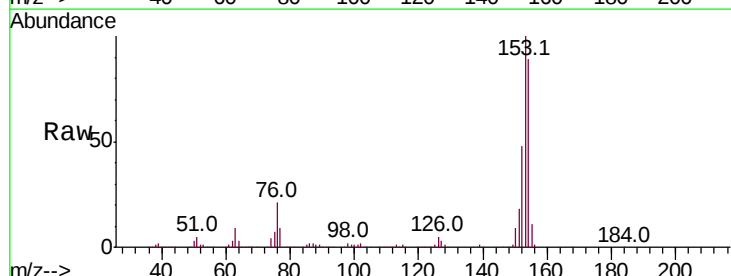
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

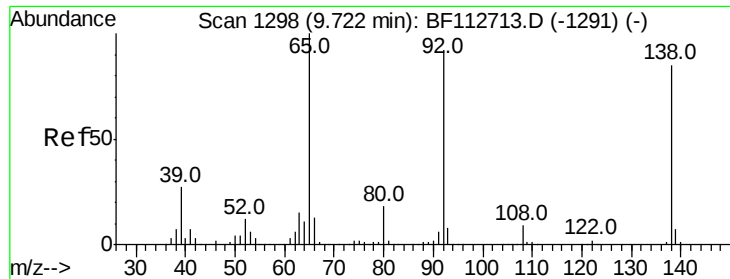
Tot Ion:165 Resp: 277975
Ion Ratio Lower Upper
165 100
63 53.2 54.1 81.1#
89 55.7 52.8 79.2



#52
Acenaphthene
Concen: 38.768 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:154 Resp: 1032096
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.8
152 54.0 43.0 64.6

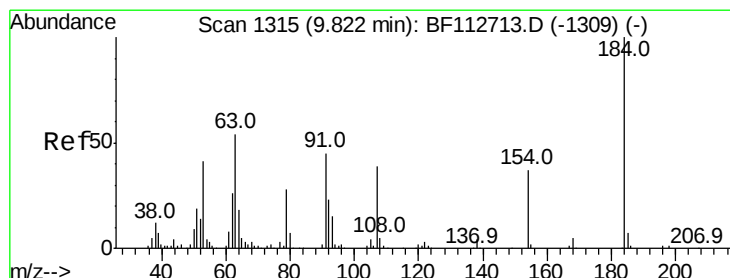
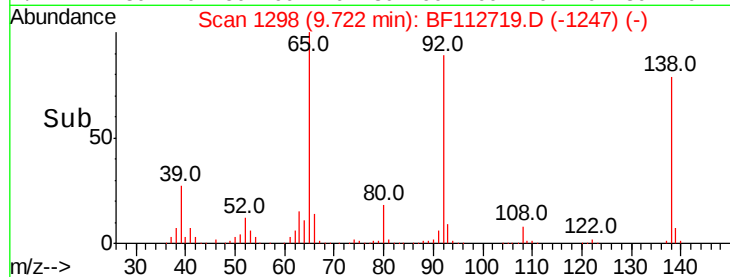
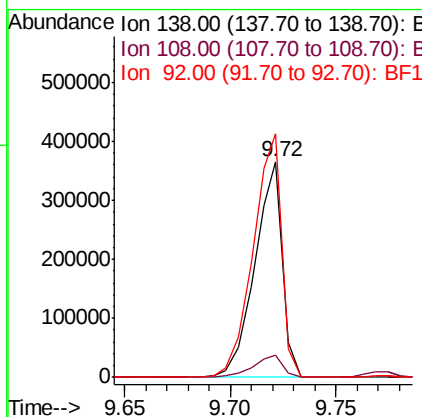
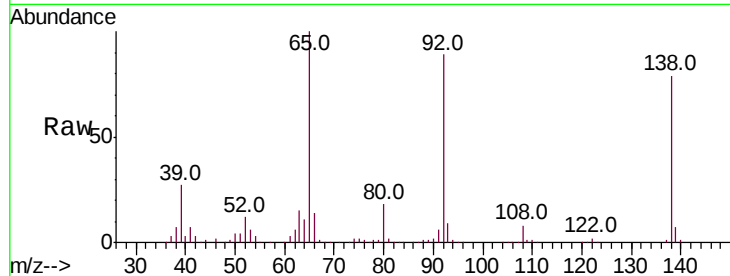




#53
 3-Nitroaniline
 Concen: 41.830 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

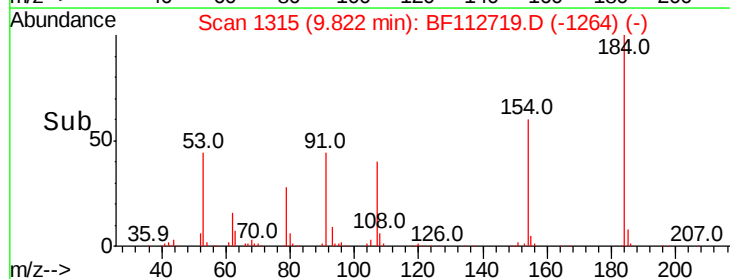
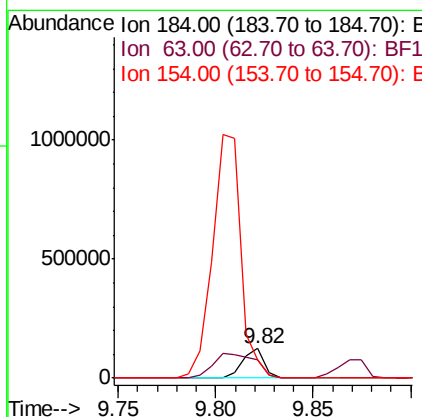
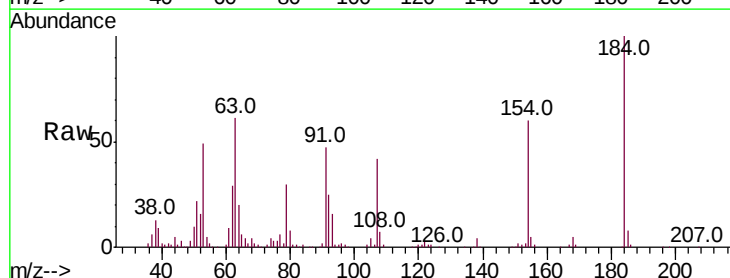
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

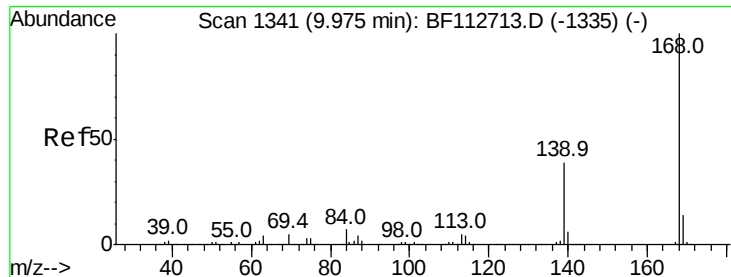
Tot Ion:138 Resp: 329526
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.6 13.0
 92 112.7 86.6 129.8



#54
 2,4-Dinitrophenol
 Concen: 40.100 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion:184 Resp: 96786
 Ion Ratio Lower Upper
 184 100
 63 60.5 45.3 67.9
 154 60.2 46.0 69.0

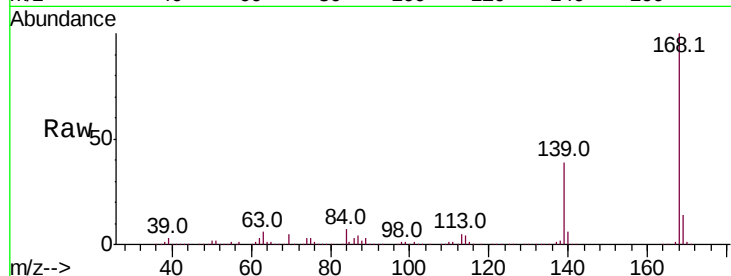




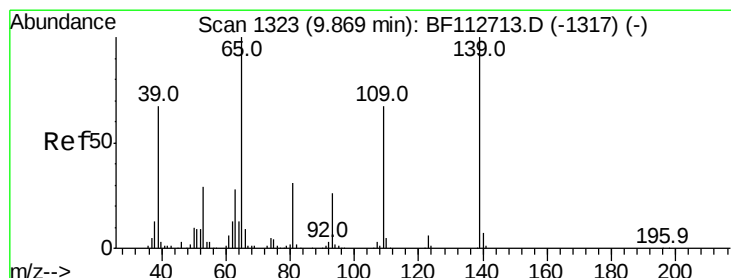
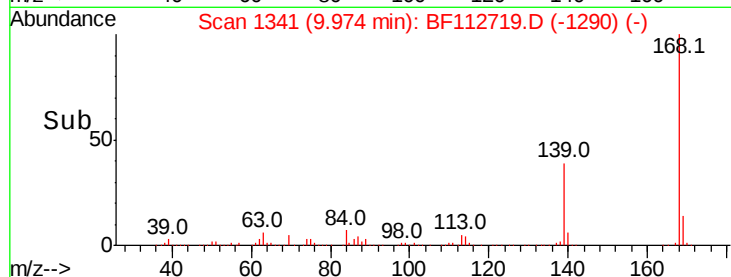
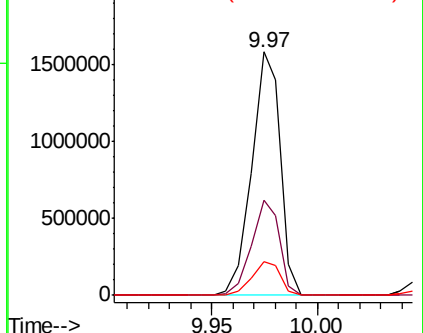
#55
Dibenzenofuran
Concen: 38.358 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1484195
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 14.1 11.3 16.9

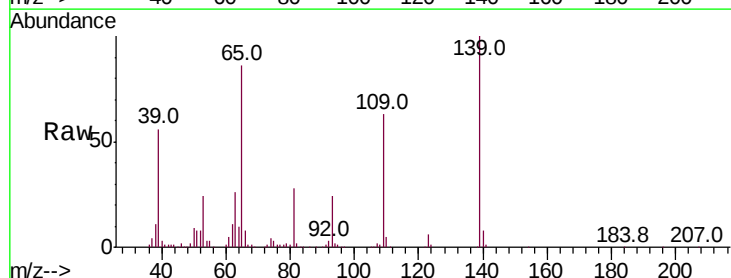


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

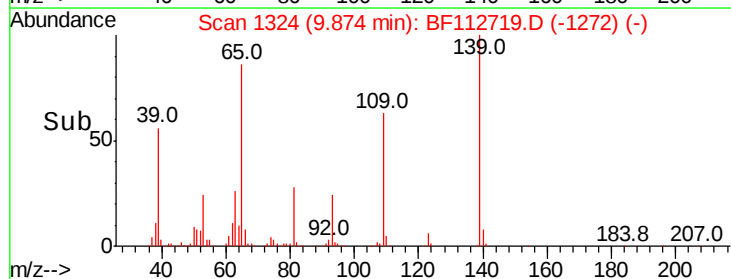
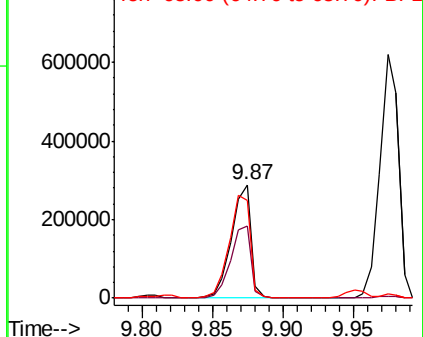


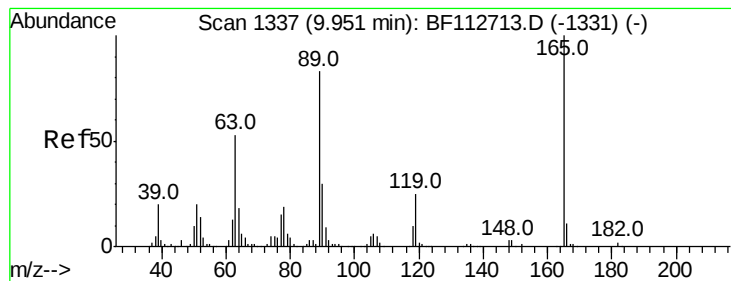
#56
4-Nitrophenol
Concen: 43.558 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:139 Resp: 278875
Ion Ratio Lower Upper
139 100
109 62.9 46.8 86.8
65 86.0 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: 45.200 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 363233

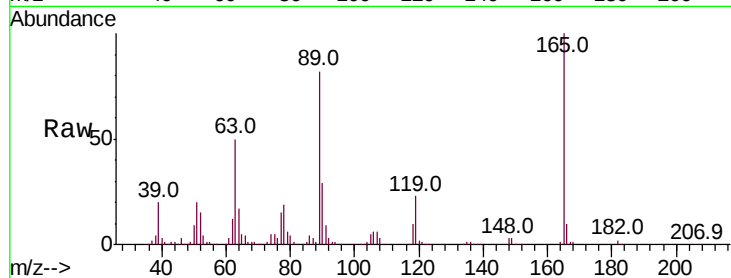
Ion Ratio Lower Upper

165 100

63 49.8 42.2 63.2

89 82.0 66.2 99.4

182 2.3 1.8 2.6

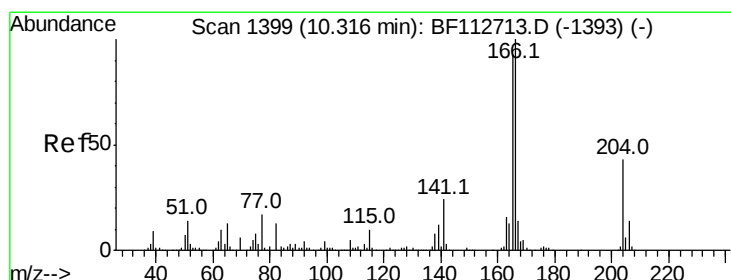
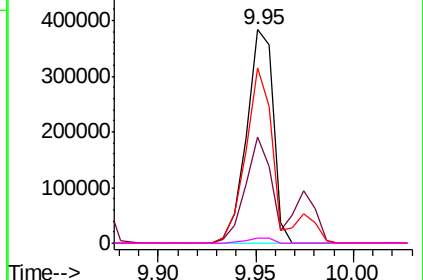
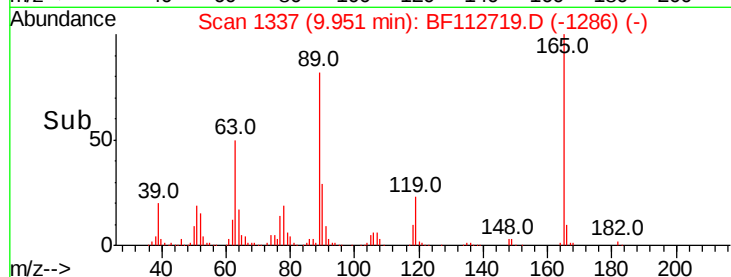


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.949 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

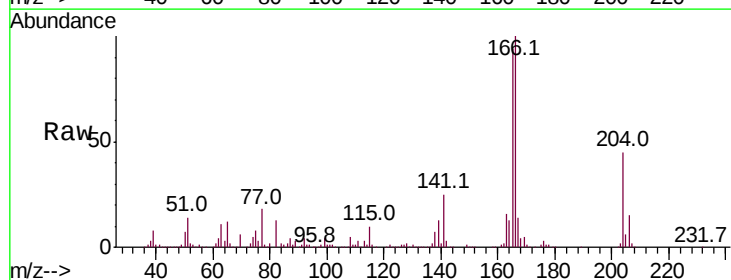
Tgt Ion:166 Resp: 1042169

Ion Ratio Lower Upper

166 100

165 94.0 74.7 112.1

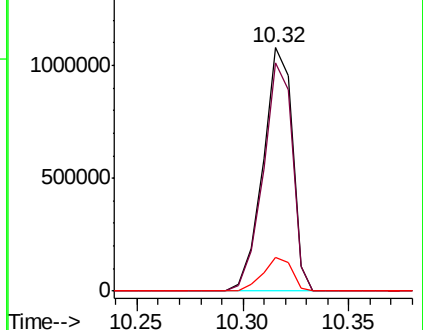
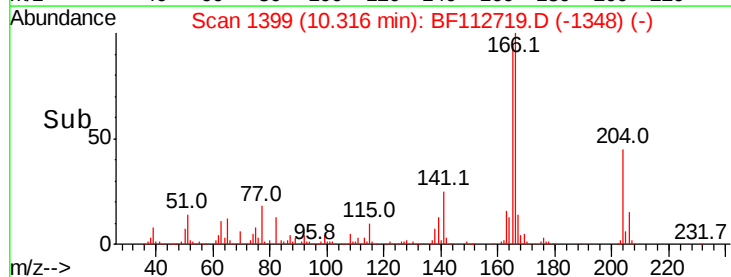
167 13.7 11.0 16.6

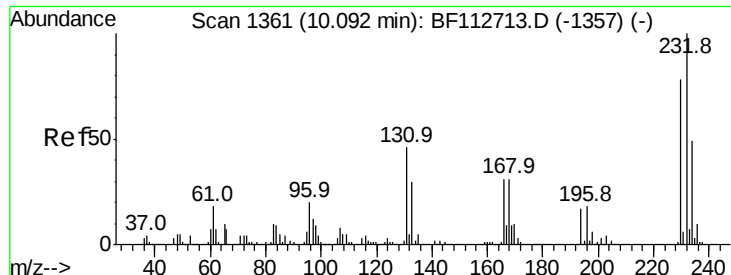


Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.891 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 311161

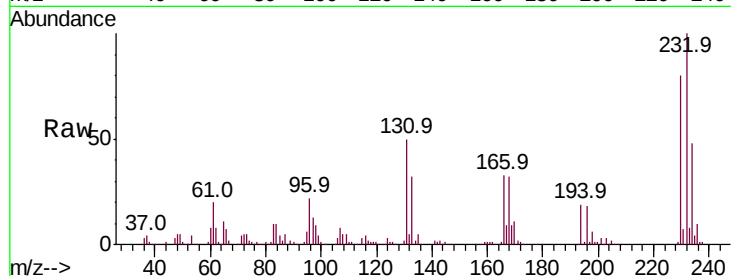
Ion Ratio Lower Upper

232 100

131 49.5 38.7 58.1

130 2.3 1.9 2.9

166 32.4 25.2 37.8

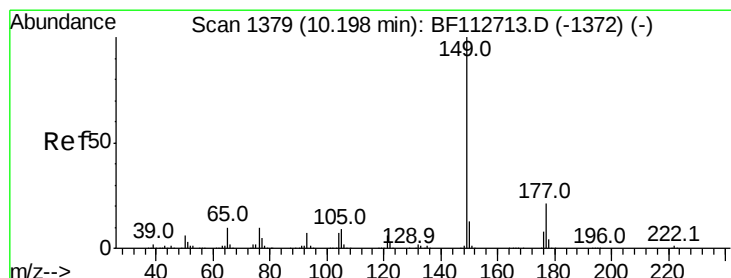
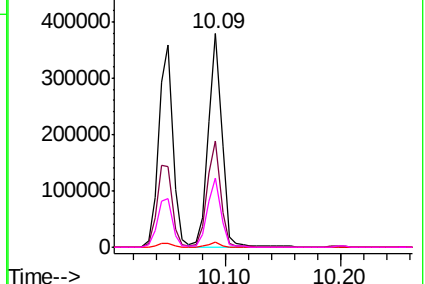
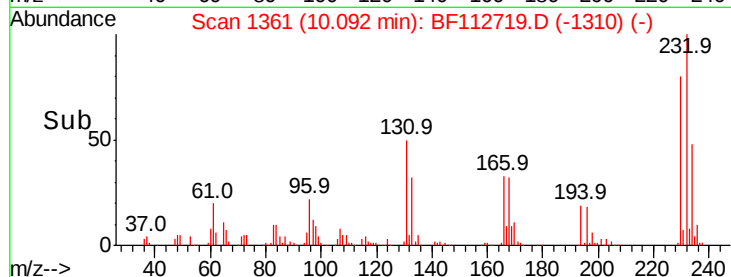


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.250 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

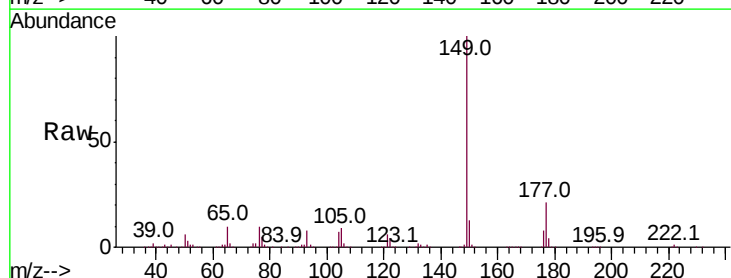
Tgt Ion:149 Resp: 1286982

Ion Ratio Lower Upper

149 100

177 21.4 17.0 25.6

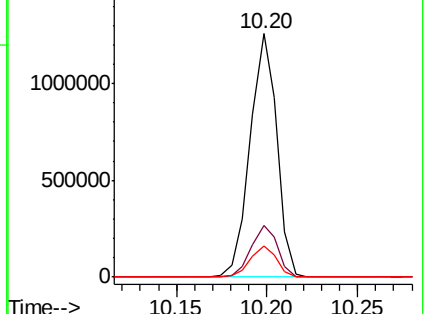
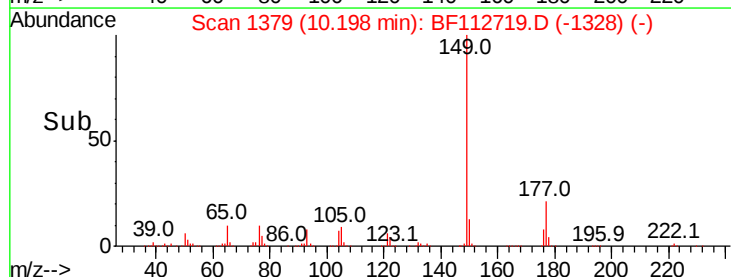
150 12.7 10.0 15.0

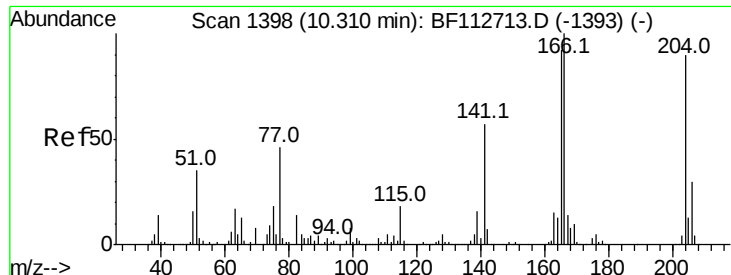


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

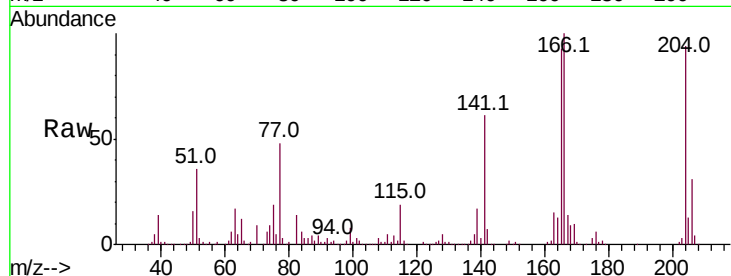




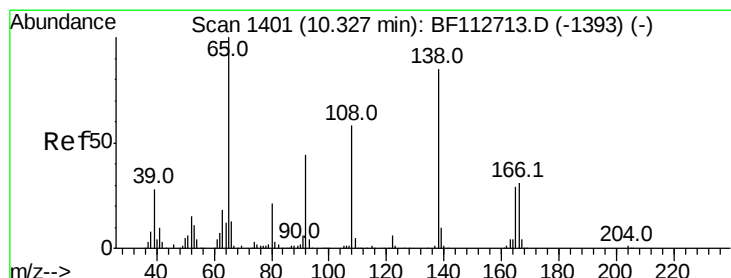
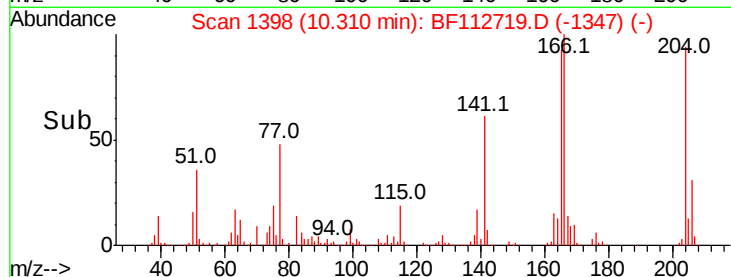
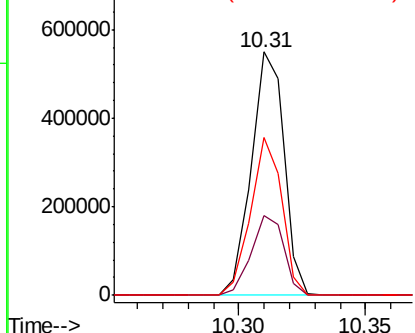
#61
 4-Chlorophenyl-phenylether
 Concen: 38.842 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 496301
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 64.8 50.8 76.2

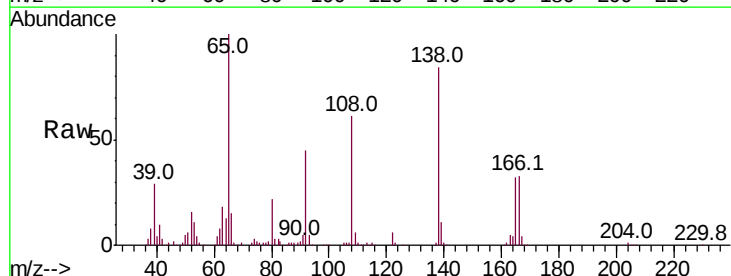


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

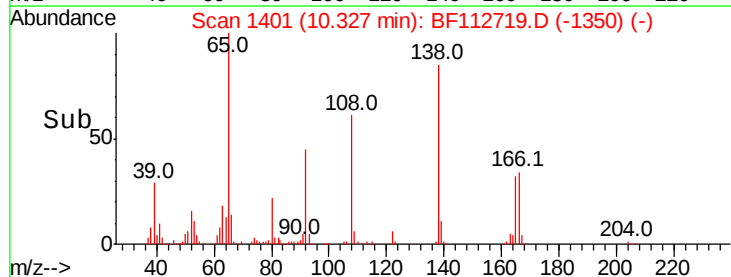
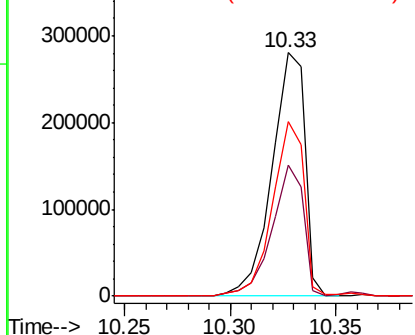


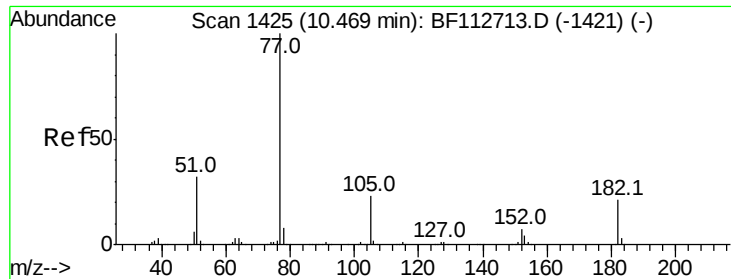
#62
 4-Nitroaniline
 Concen: 42.024 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion:138 Resp: 305913
 Ion Ratio Lower Upper
 138 100
 92 53.6 31.3 71.3
 108 71.6 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: 38.754 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1301559

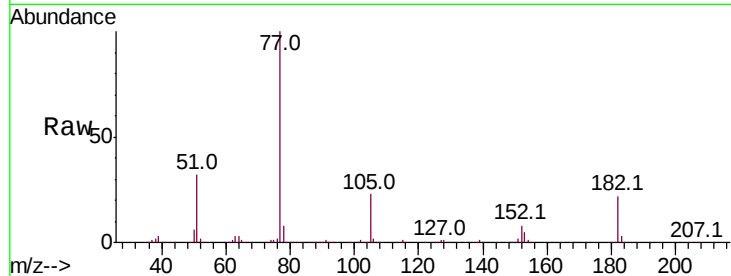
Ion Ratio Lower Upper

77 100

182 21.9 1.4 41.4

105 22.7 2.6 42.6

51 31.7 12.0 52.0

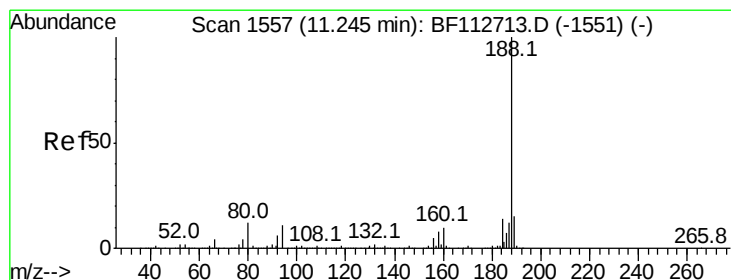
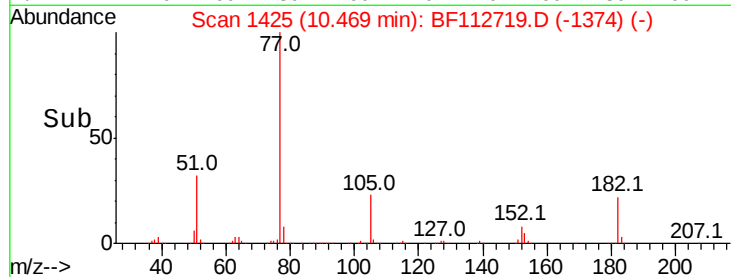
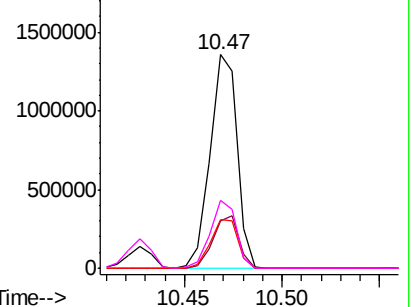


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

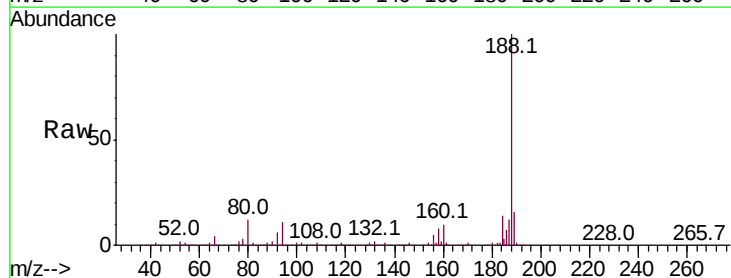
Tgt Ion: 188 Resp: 821828

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

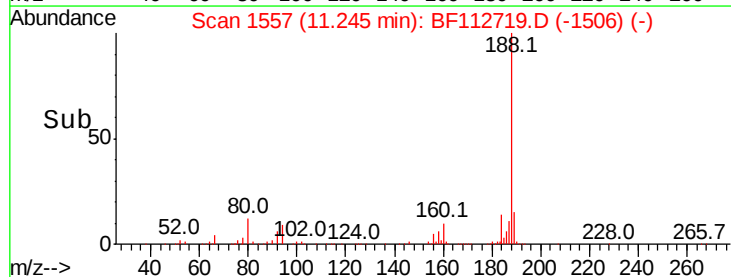
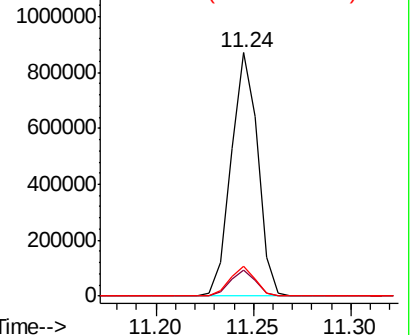
80 12.1 9.2 13.8

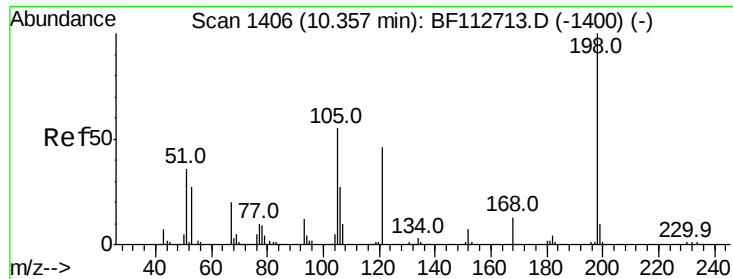


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

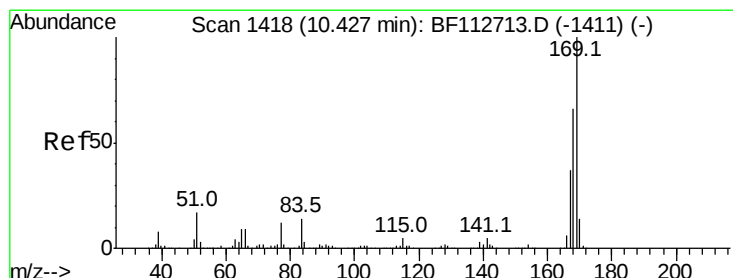
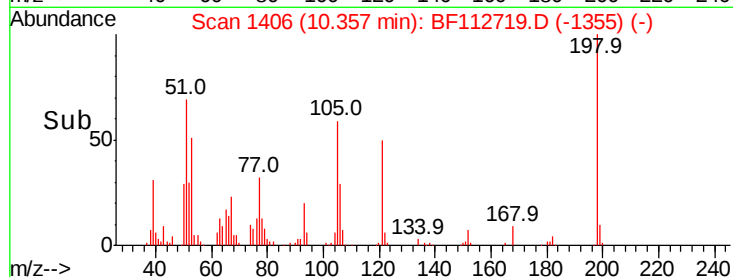
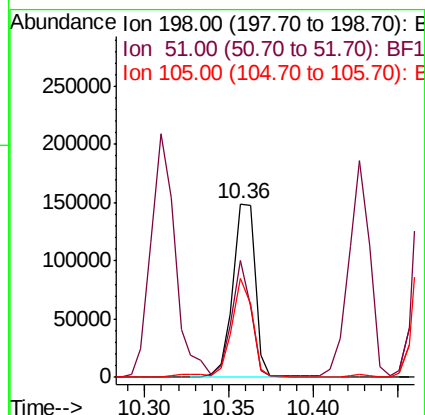
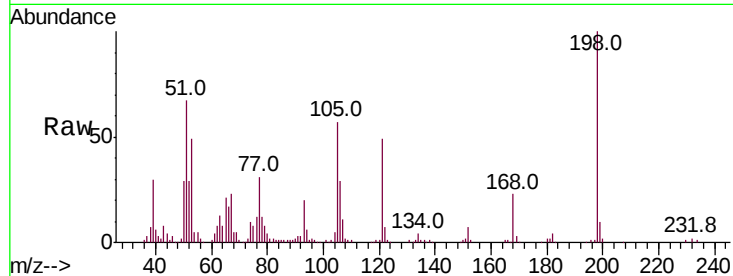




#65
4,6-Dinitro-2-methylphenol
Concen: 41.247 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

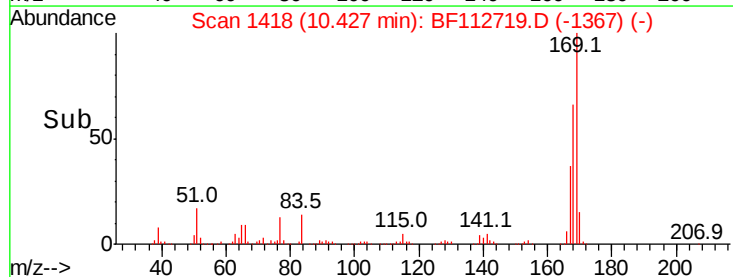
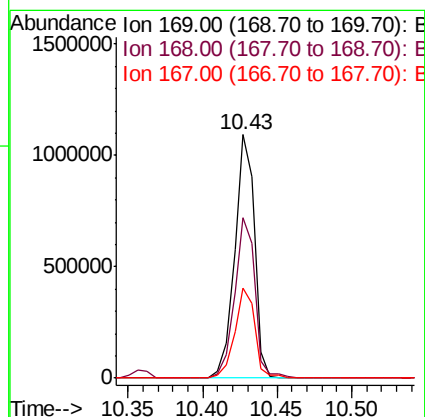
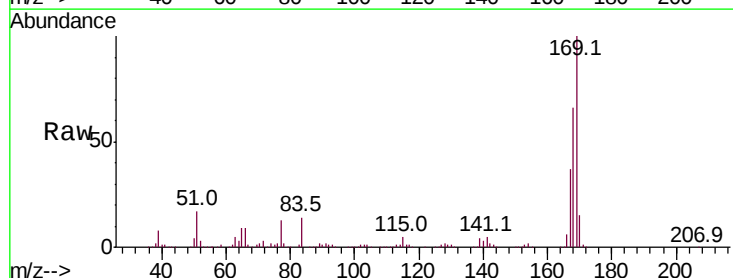
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

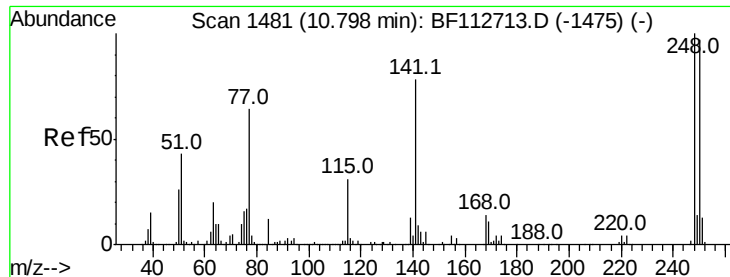
Tot Ion:198 Resp: 136859
Ion Ratio Lower Upper
198 100
51 66.9 43.8 83.8
105 57.3 36.5 76.5



#66
n-Nitrosodiphenylamine
Concen: 38.803 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:169 Resp: 1022711
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.8 29.3 43.9

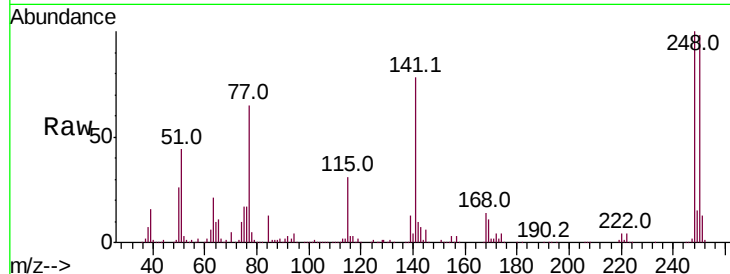




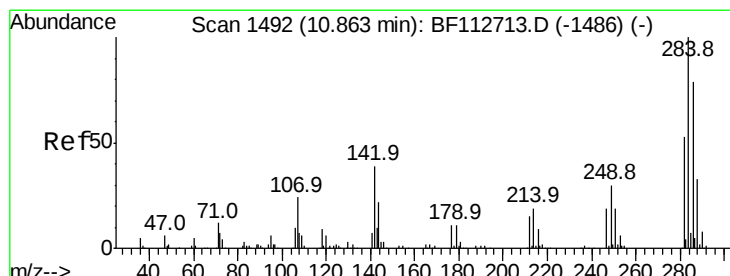
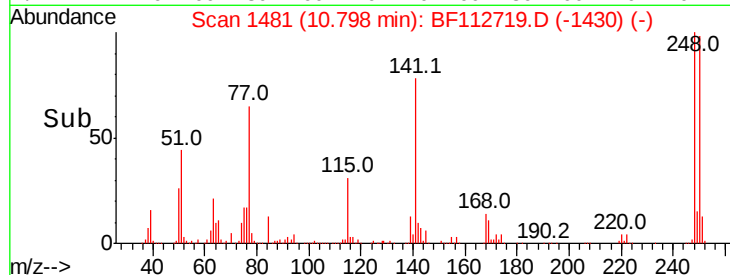
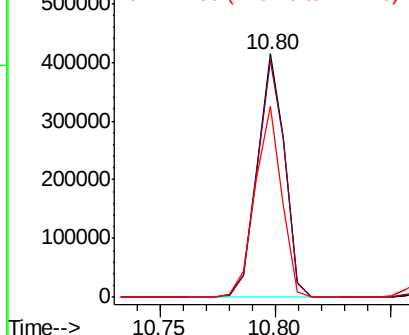
#67
4-Bromophenyl-phenylether
Concen: 39.403 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 341082
Ion Ratio Lower Upper
248 100
250 97.6 77.5 116.3
141 78.3 62.4 93.6

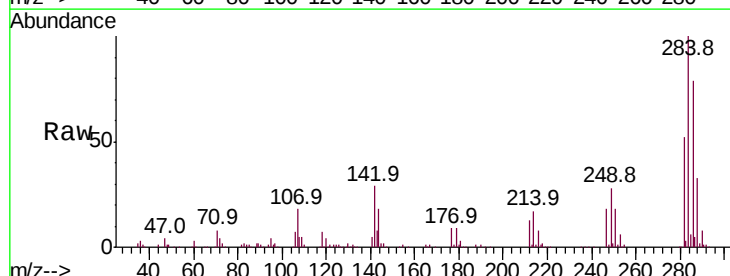


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

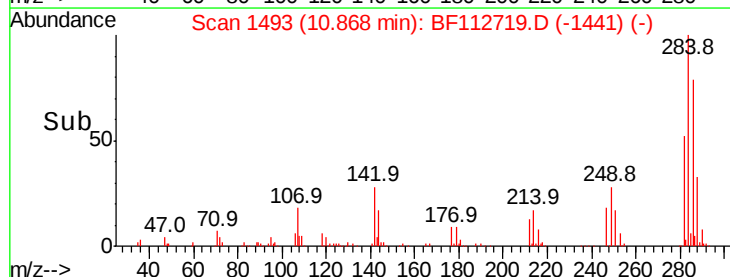
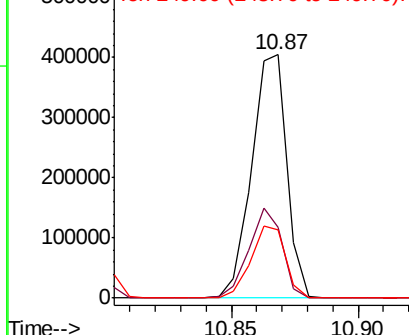


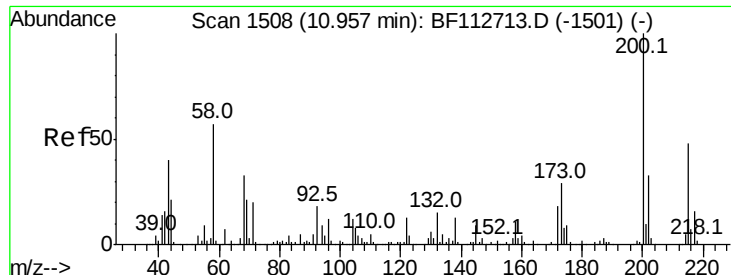
#68
Hexachlorobenzene
Concen: 39.984 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:284 Resp: 390163
Ion Ratio Lower Upper
284 100
142 29.3 31.0 46.6#
249 28.3 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

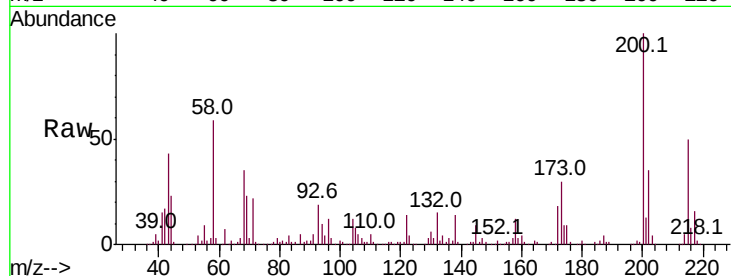




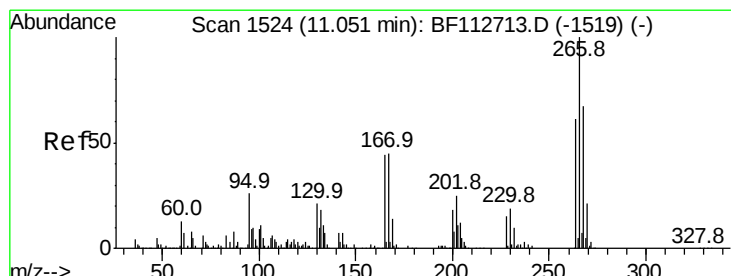
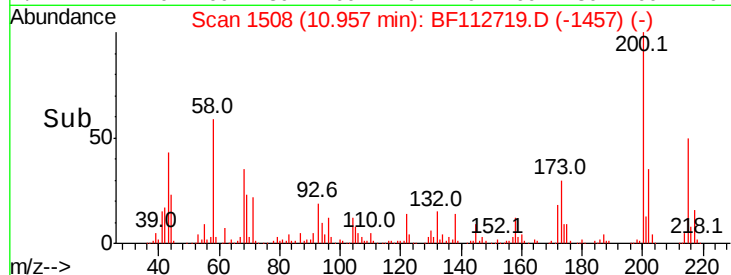
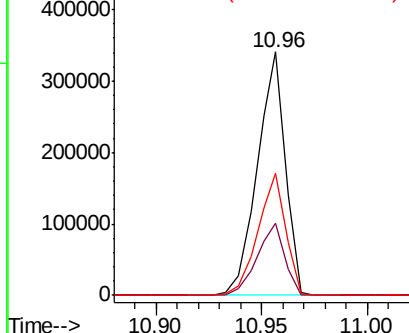
#69
Atrazine
Concen: 38.741 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	9.1	49.1
215	49.9	28.2	68.2

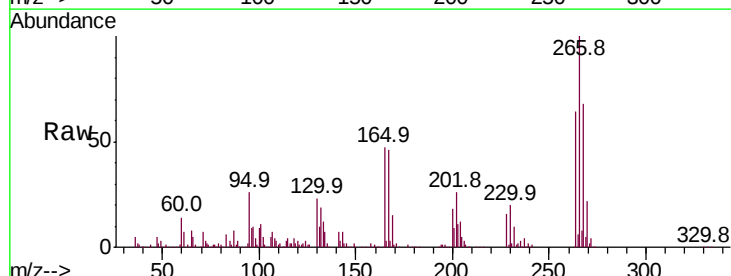


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

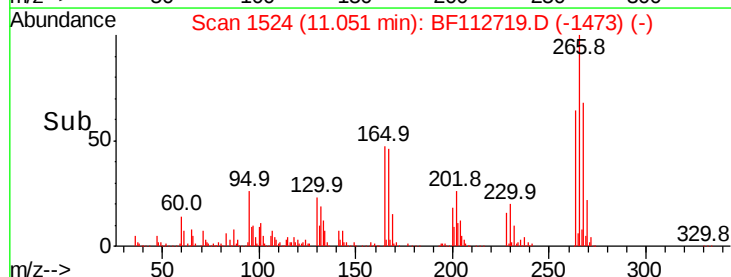
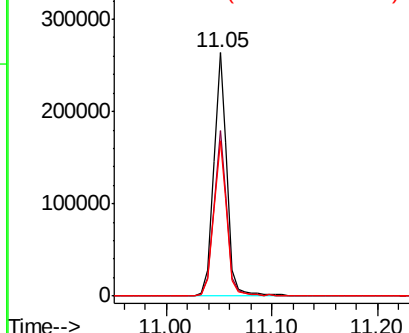


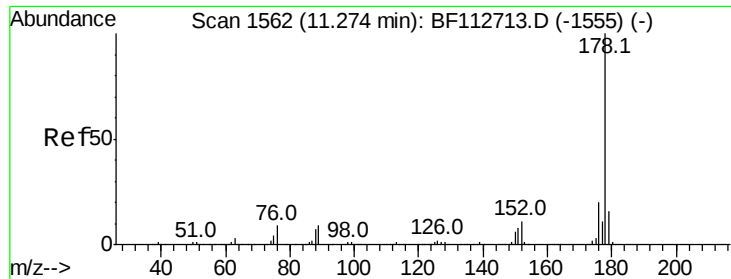
#70
Pentachlorophenol
Concen: 40.961 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	53.3	79.9
264	64.0	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

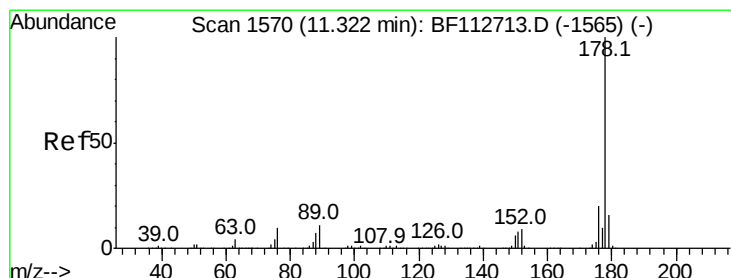
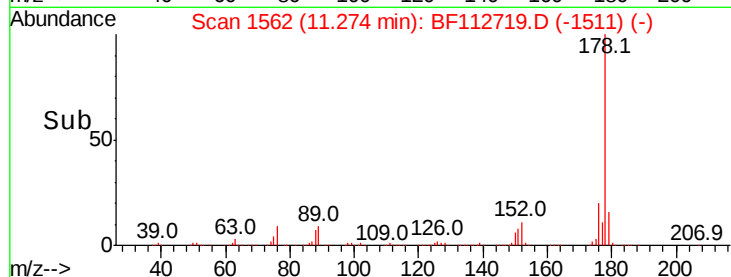
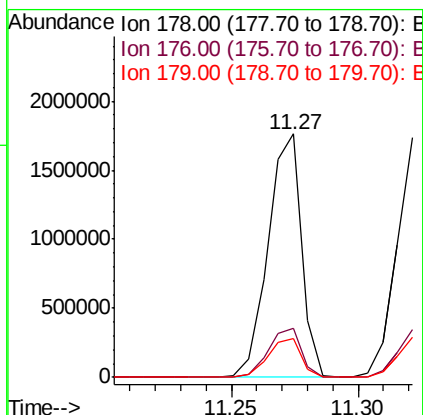
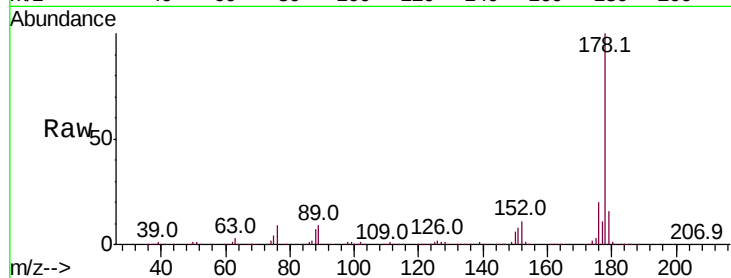




#71
Phenanthrene
Concen: 39.886 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

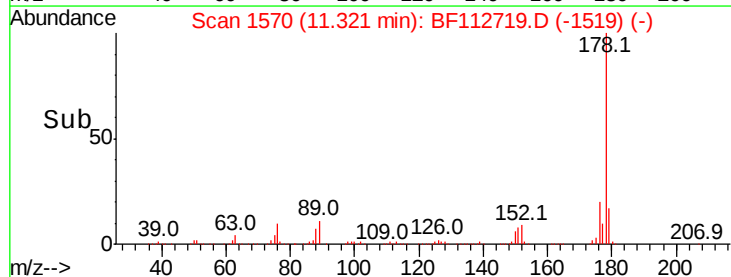
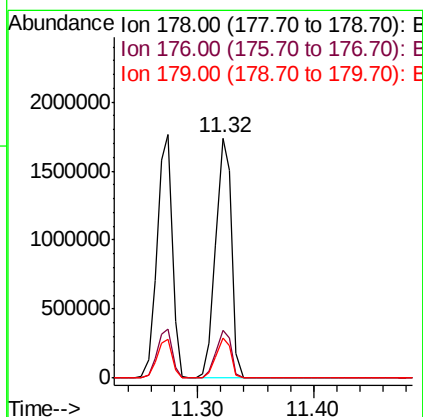
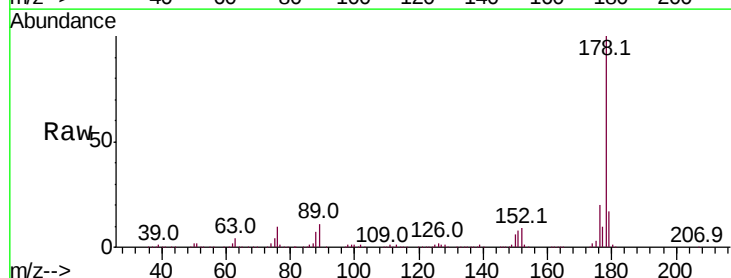
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

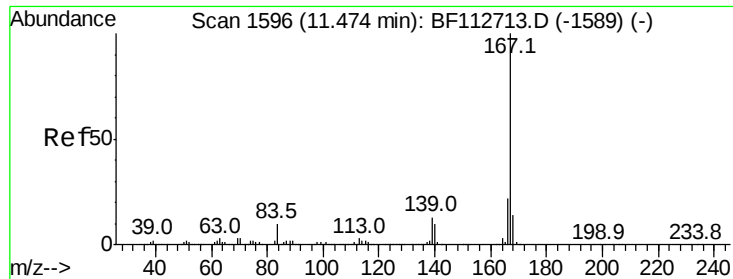
Tot Ion:178 Resp: 1630895
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 15.7 12.7 19.1



#72
Anthracene
Concen: 38.599 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:178 Resp: 1652139
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.5 13.0 19.6



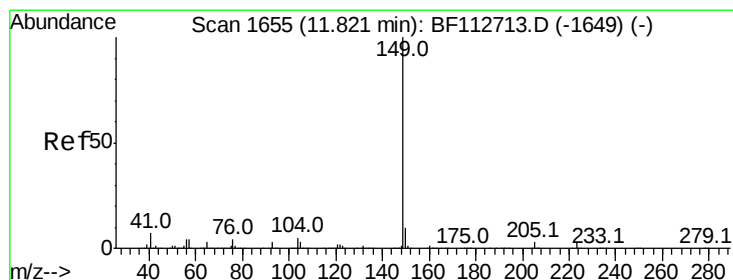
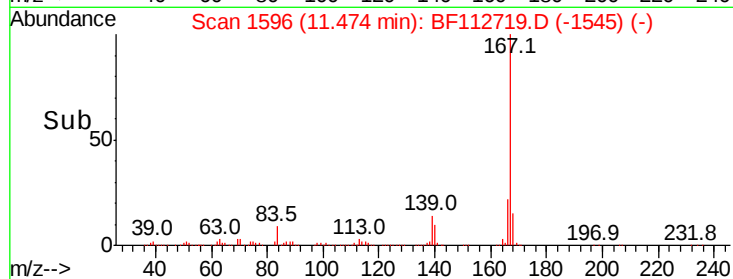
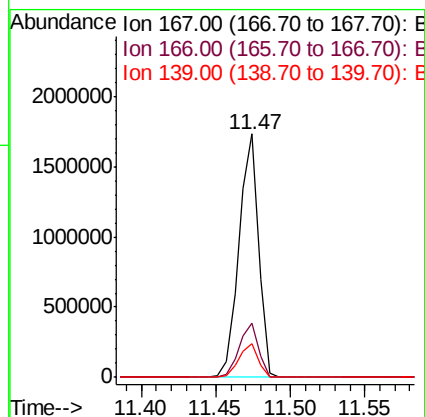
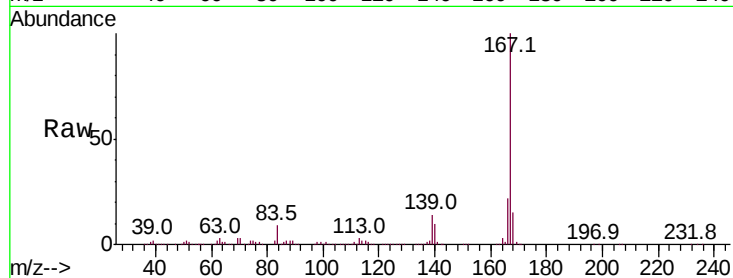


#73
 Carbazole
 Concen: 38.243 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1596796

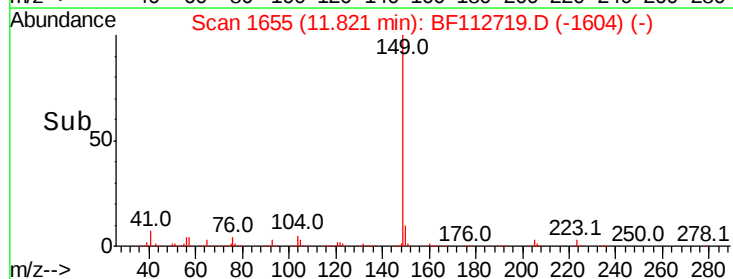
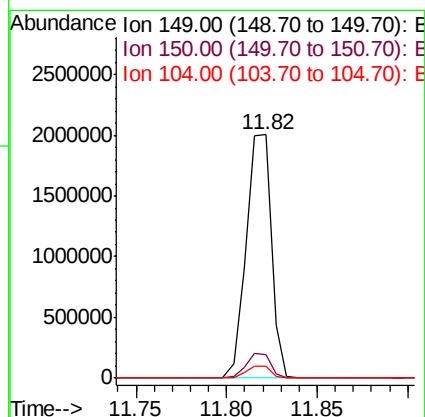
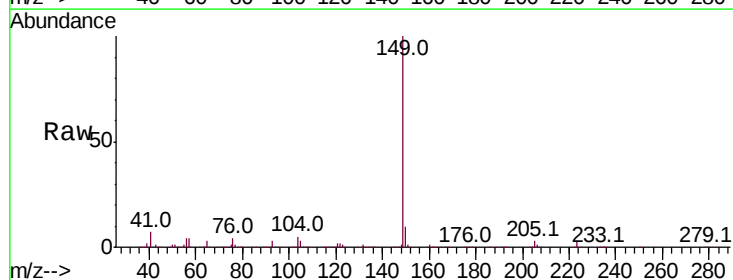
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	13.7	10.8	16.2

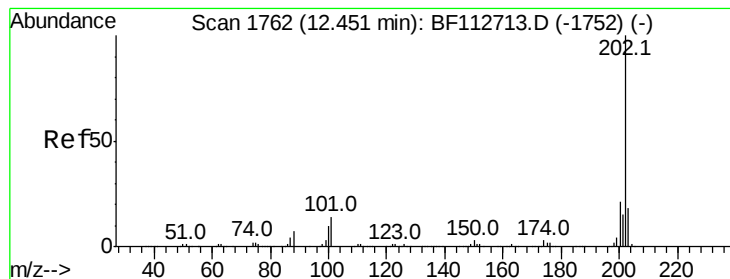


#74
 Di-n-butylphthalate
 Concen: 38.701 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion:149 Resp: 1937582

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 40.045 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

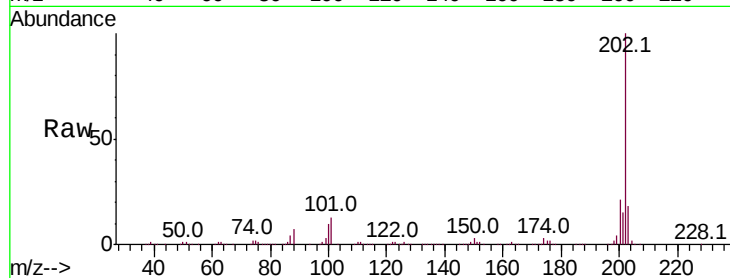
Tot Ion:202 Resp: 1754297

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.8

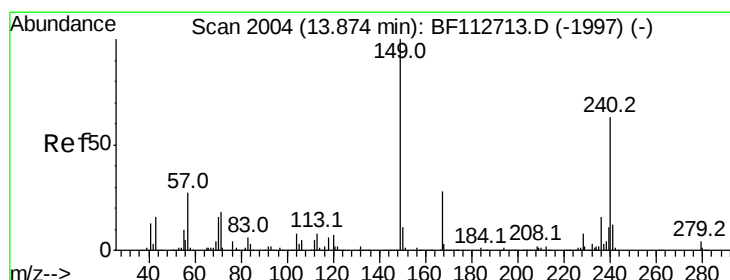
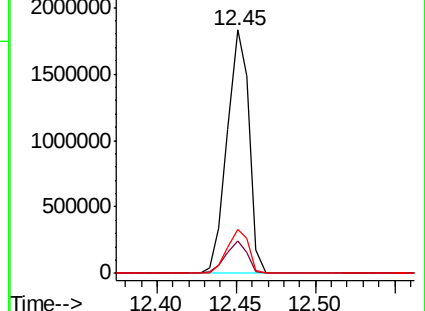
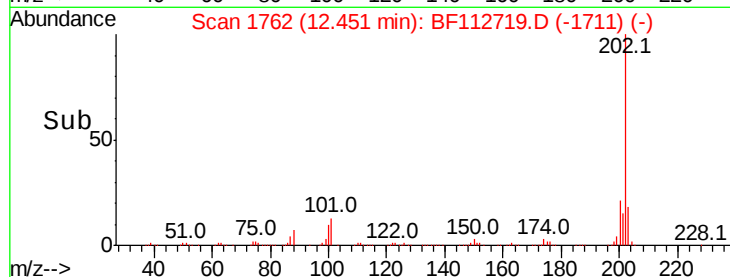
203 18.3 0.0 38.4



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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

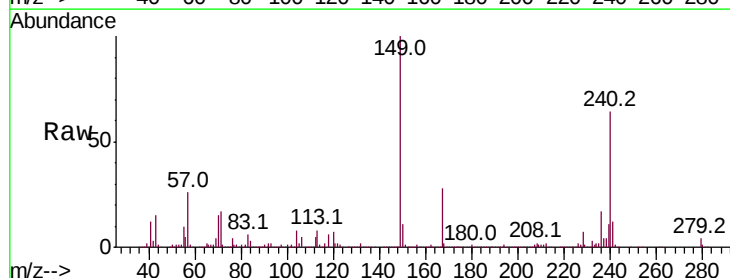
Tgt Ion:240 Resp: 526586

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

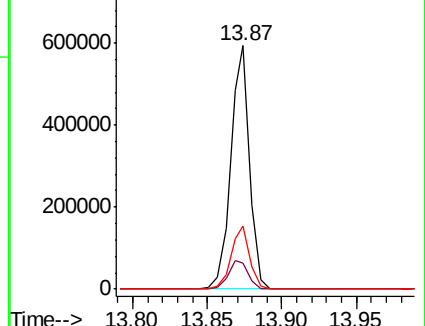
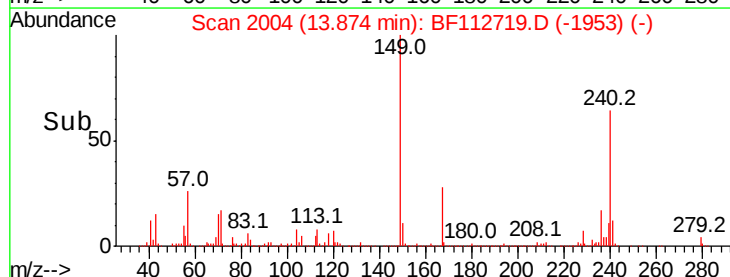
236 26.1 20.7 31.1

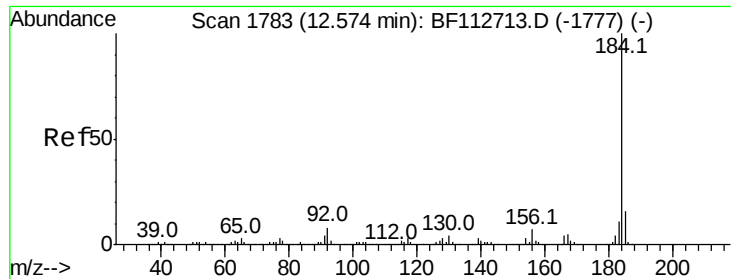


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.151 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

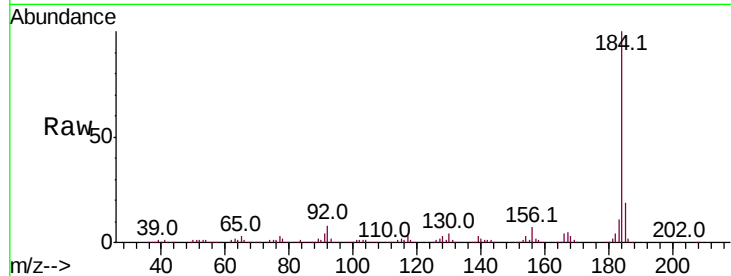
Tot Ion:184 Resp: 1069609

Ion Ratio Lower Upper

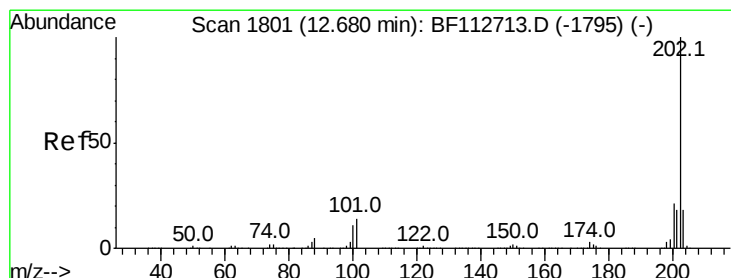
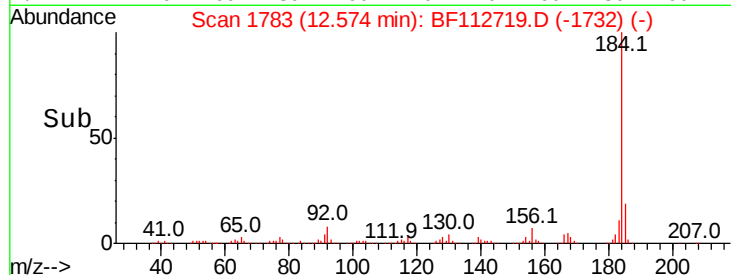
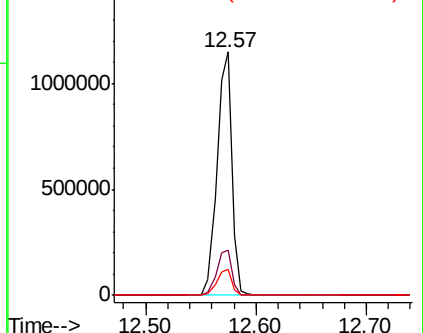
184 100

185 18.8 12.6 18.8

183 10.6 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: 40.300 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

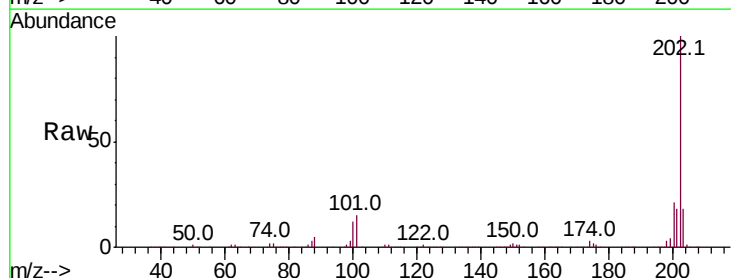
Tgt Ion:202 Resp: 1789014

Ion Ratio Lower Upper

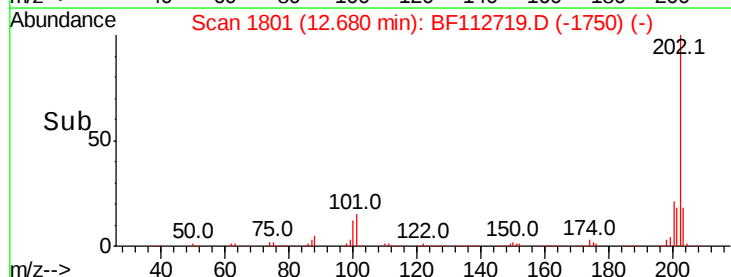
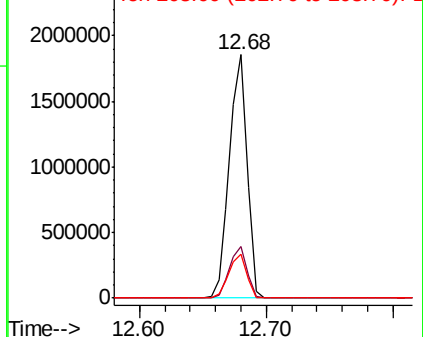
202 100

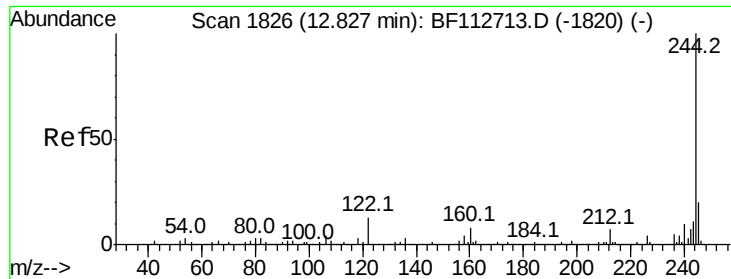
200 21.2 17.0 25.4

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



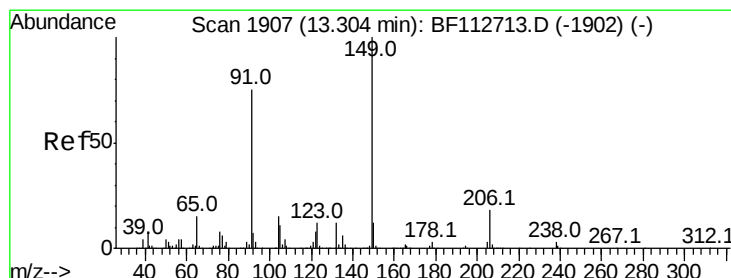
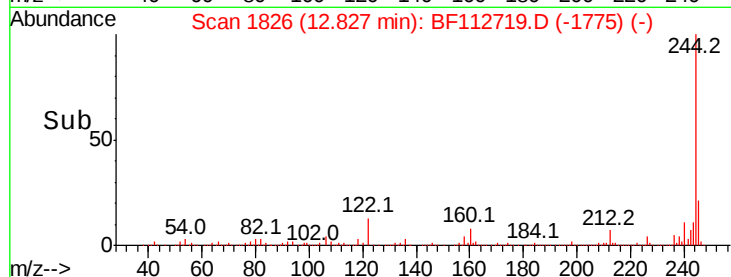
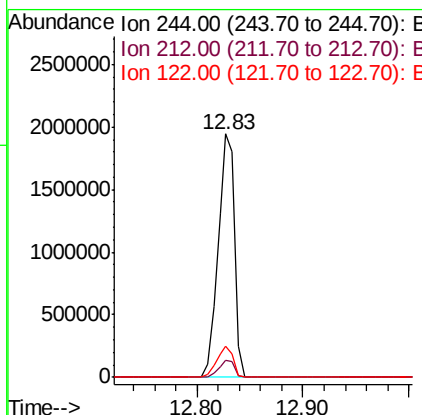
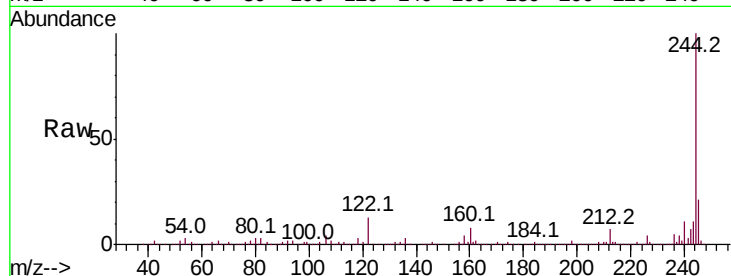


#79
 Terphenyl-d14
 Concen: 78.168 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2123397

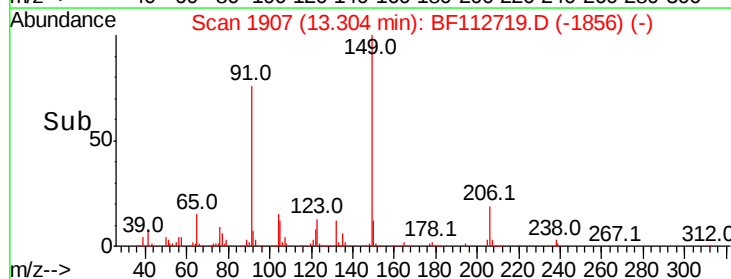
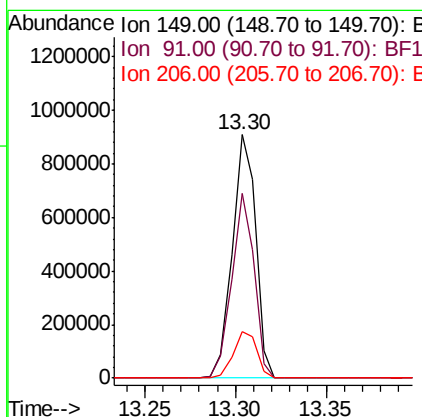
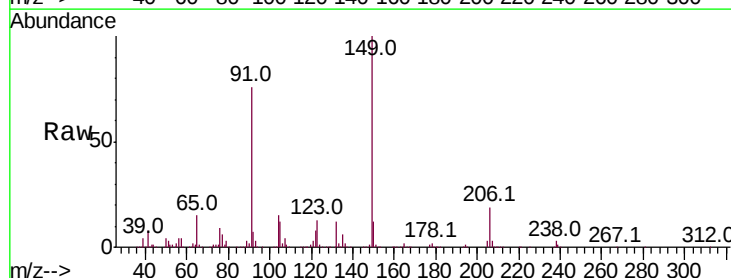
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.8	10.5	15.7

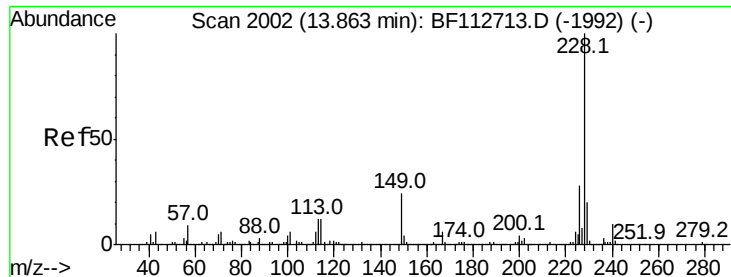


#80
 Butylbenzylphthalate
 Concen: 41.633 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF112719.D
 Acq: 27 Feb 2019 15:04

Tgt Ion:149 Resp: 815809

Ion	Ratio	Lower	Upper
149	100		
91	75.8	59.9	89.9
206	19.0	14.7	22.1





#81

Benzo(a)anthracene

Concen: 39.974 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

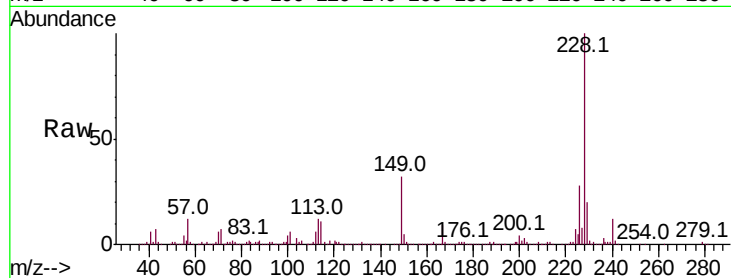
Tot Ion:228 Resp: 1458894

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.4
229	20.5	16.0	24.0

228 100

226 27.9 22.2 33.4

229 20.5 16.0 24.0

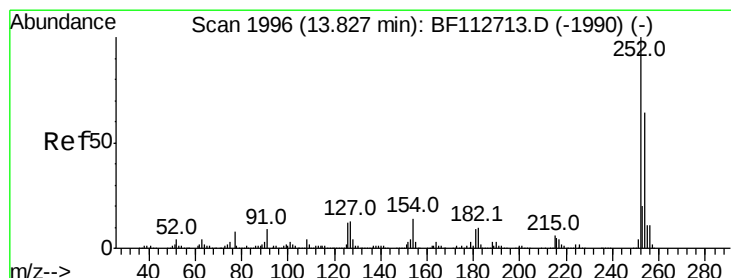
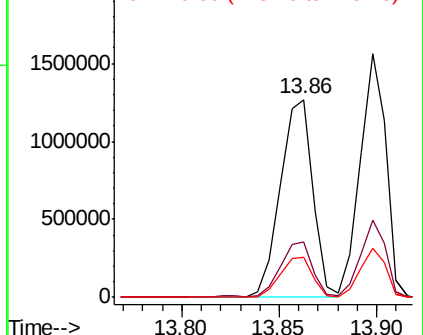
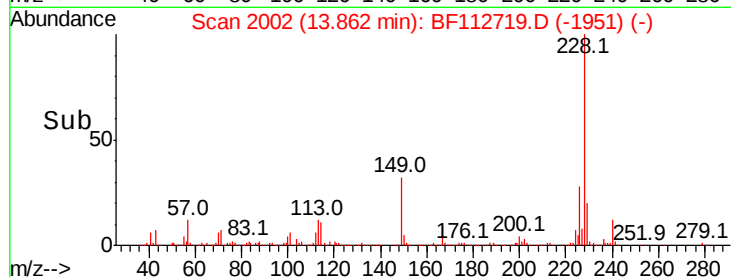


Abundance

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: 40.890 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

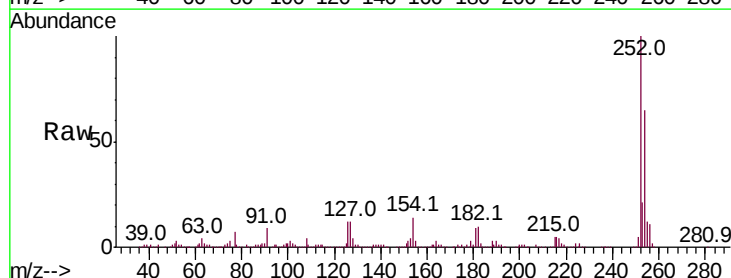
Tgt Ion:252 Resp: 564406

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	11.8	9.9	14.9

252 100

254 64.6 51.1 76.7

126 11.8 9.9 14.9

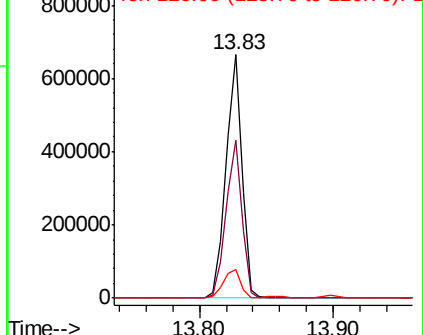
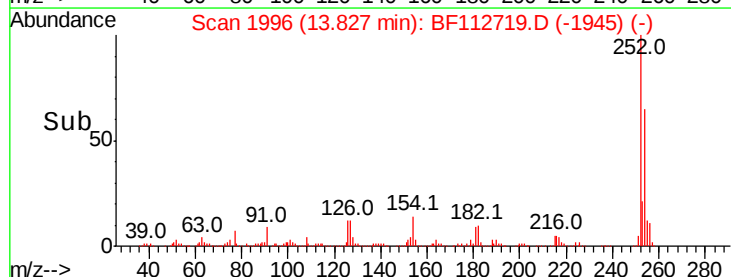


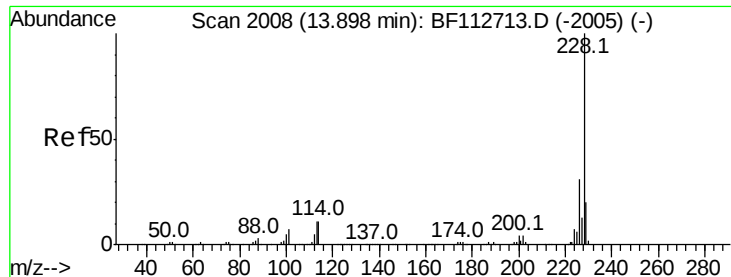
Abundance

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

Chrvsene

Concen: 39.832 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

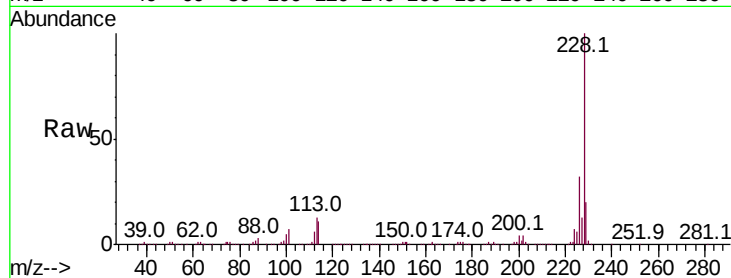
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1423949

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.2	16.3	24.5

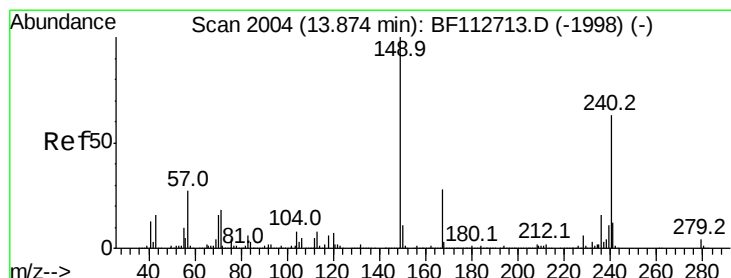
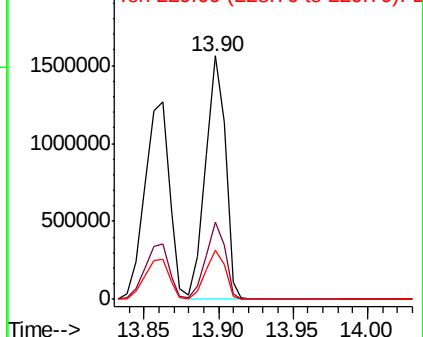
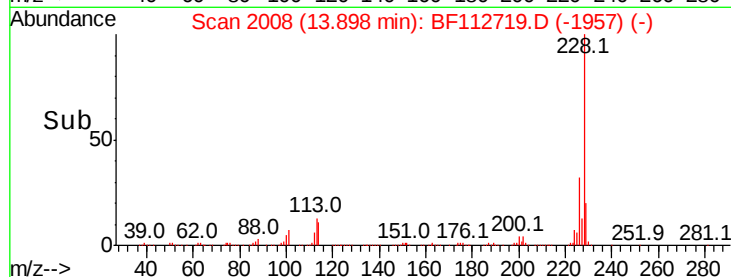


Abundance

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: 40.417 ng

RT: 13.87 min Scan# 2003

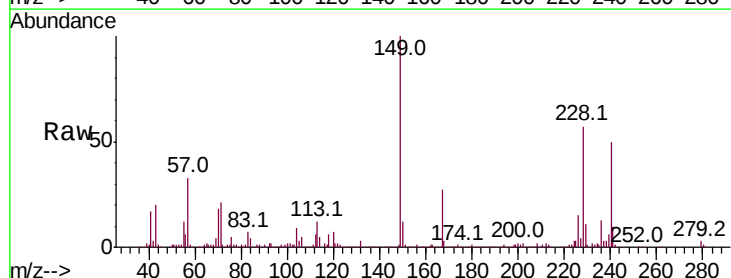
Delta R.T. -0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Tgt Ion:149 Resp: 928951

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	3.3	3.3	4.9

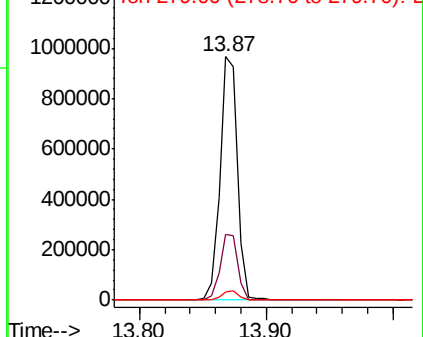
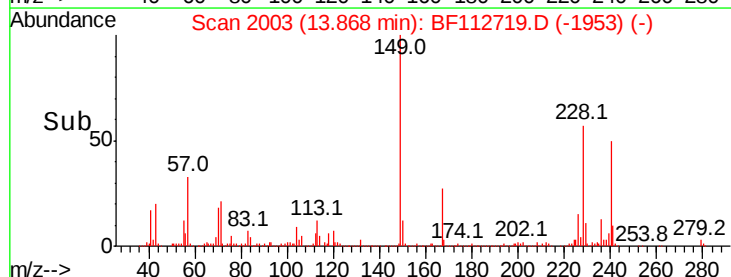


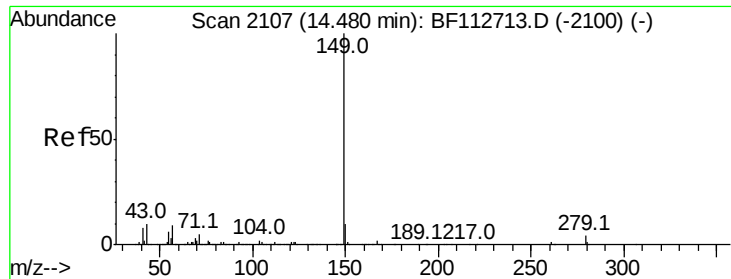
Abundance

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: 41.306 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

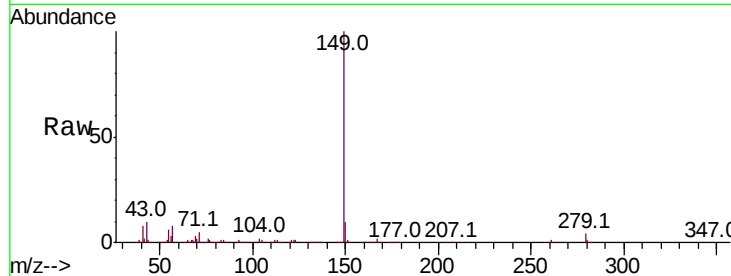
Tot Ion:149 Resp: 1630196

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

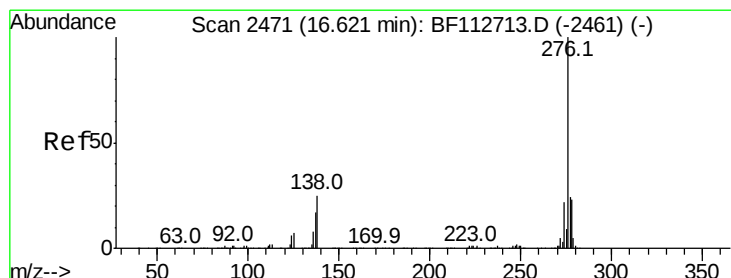
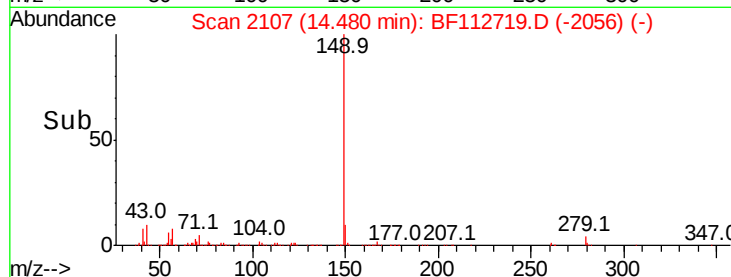
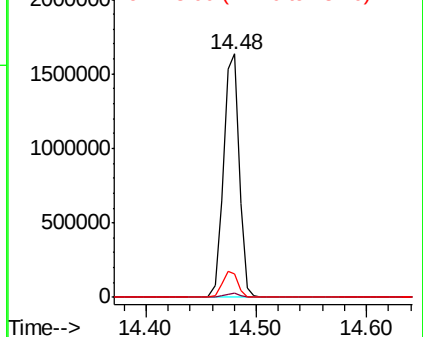
43 10.9 9.0 13.4



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: 36.506 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

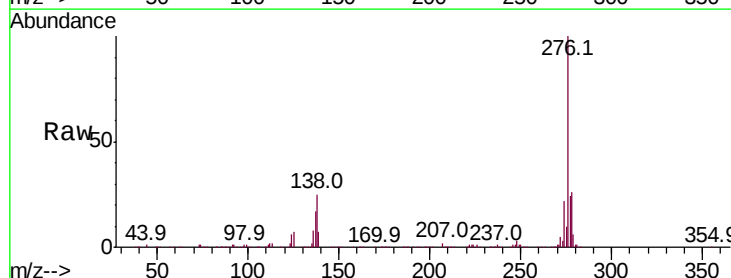
Tgt Ion:276 Resp: 1112582

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

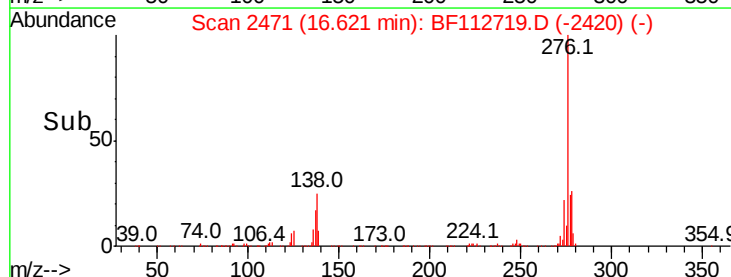
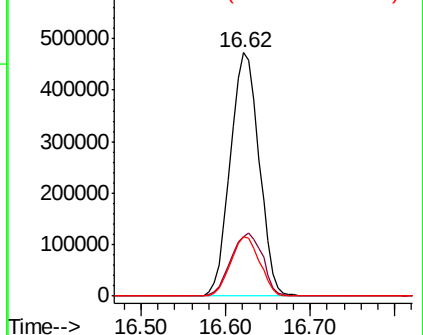
277 24.7 19.9 29.9

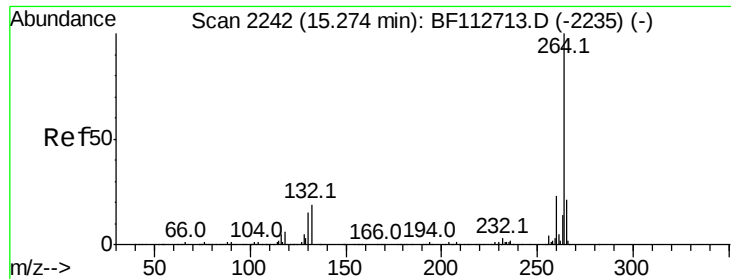


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



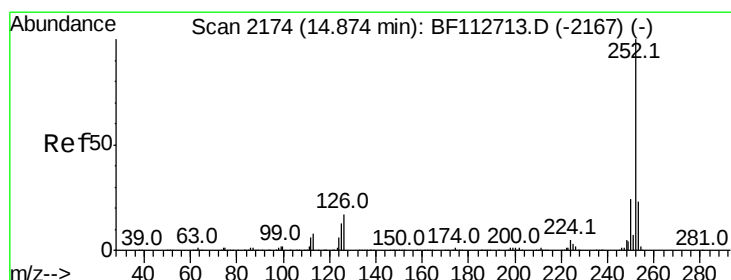
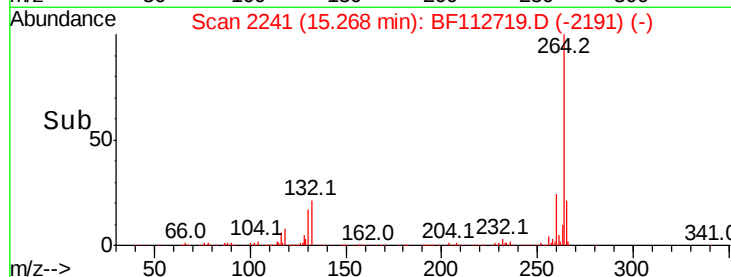
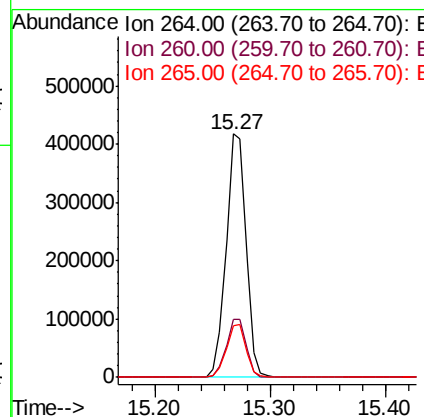
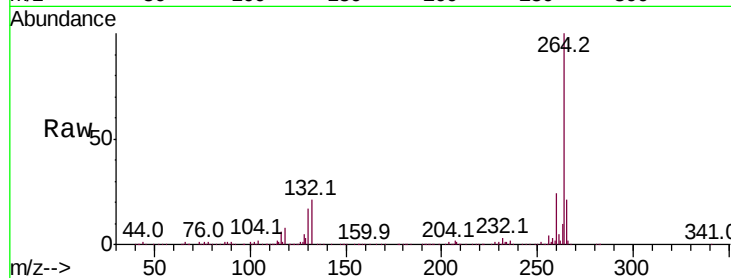


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 497054

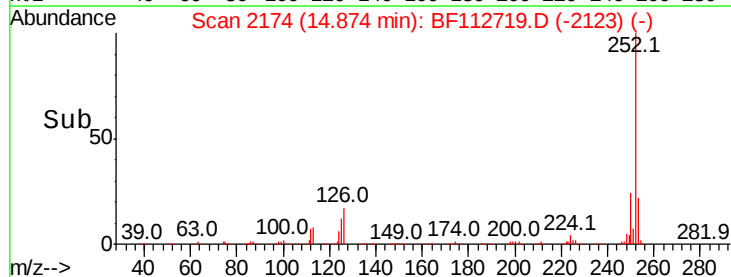
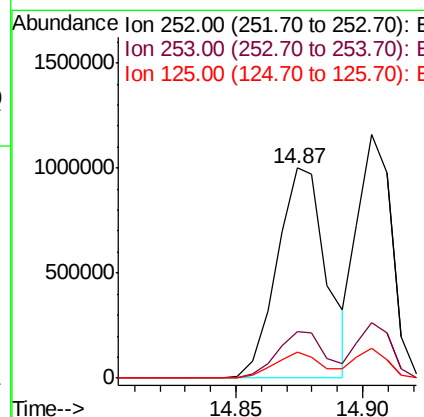
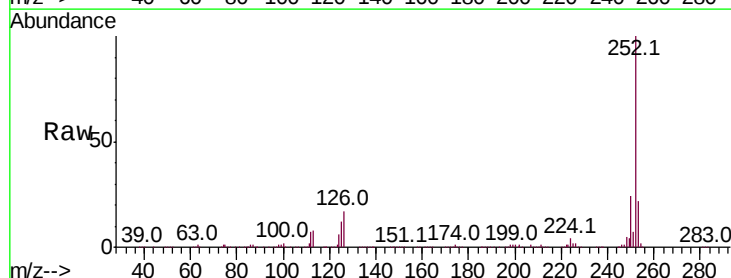
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.4	17.2	25.8

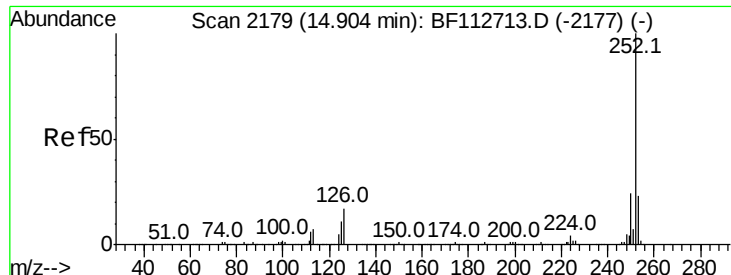


#88
Benzo(b)fluoranthene
Concen: 42.239 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:252 Resp: 1358018

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.3	10.2	15.2

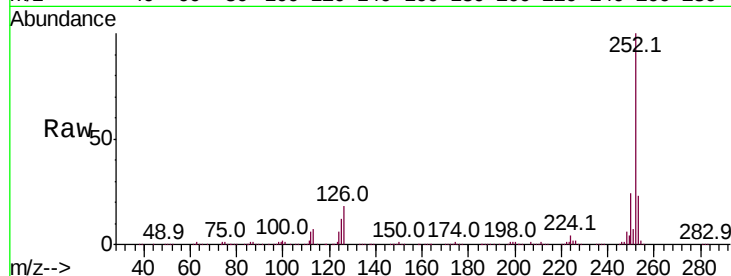




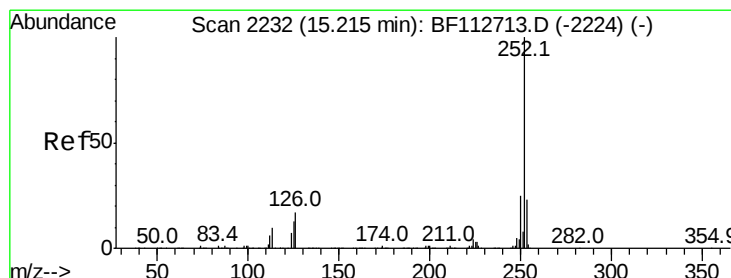
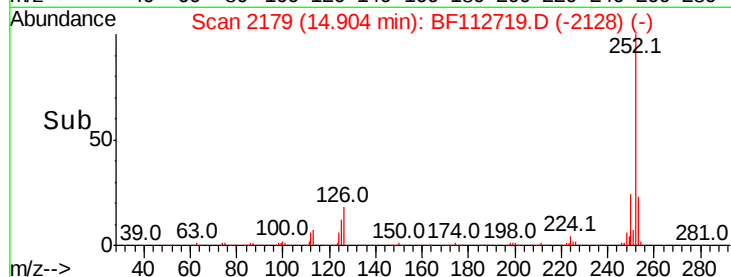
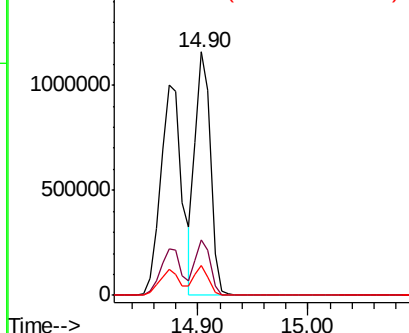
#89
Benzo(k)fluoranthene
Concen: 37.621 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1095603
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.2 9.8 14.6

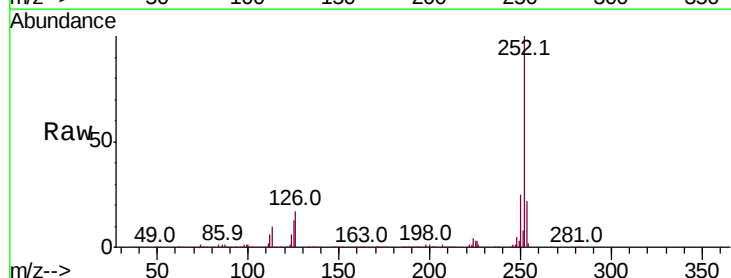


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

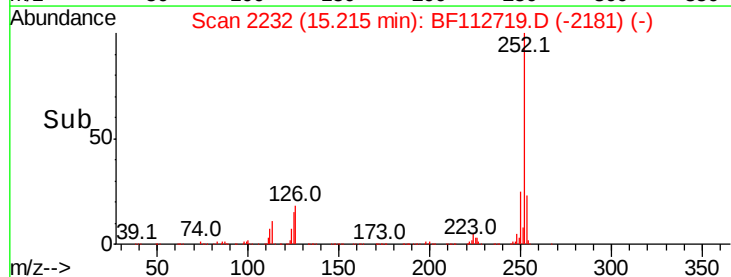
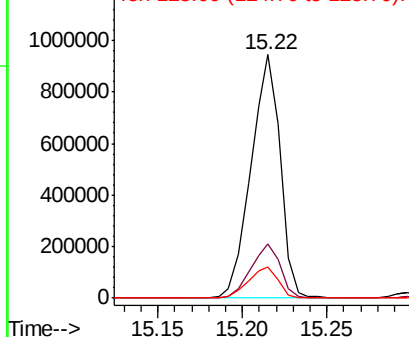


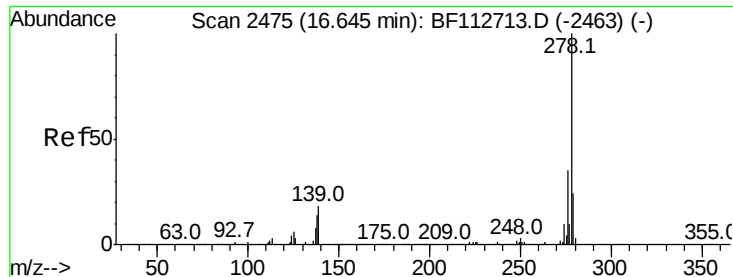
#90
Benzo(a)pyrene
Concen: 39.955 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112719.D
Acq: 27 Feb 2019 15:04

Tgt Ion:252 Resp: 1136226
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.0 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: 37.596 ng

RT: 16.64 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

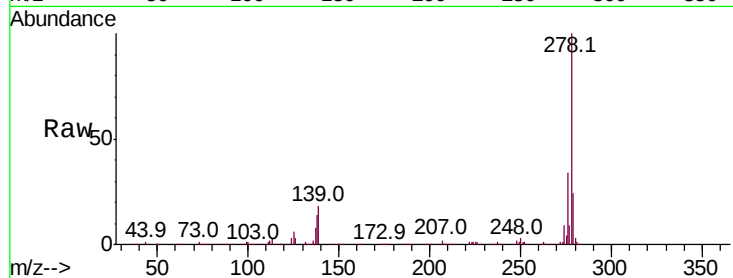
Tot Ion:278 Resp: 912335

Ion Ratio Lower Upper

278 100

139 17.6 14.3 21.5

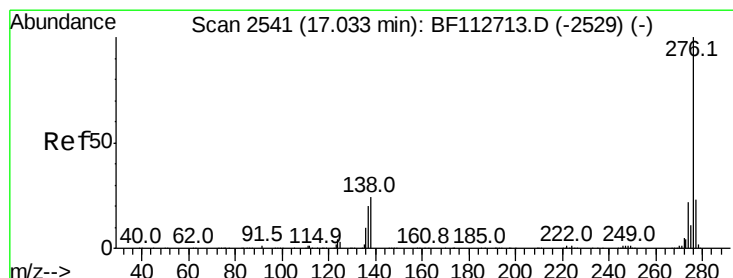
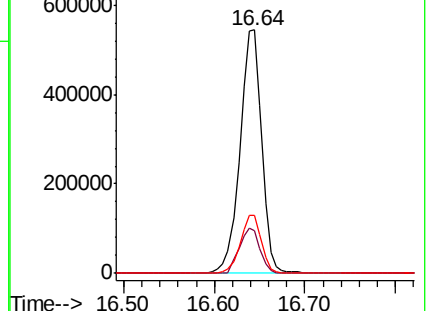
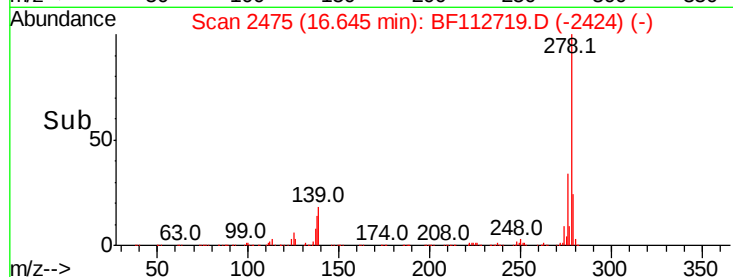
279 23.6 19.4 29.0



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: 37.213 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF112719.D

Acq: 27 Feb 2019 15:04

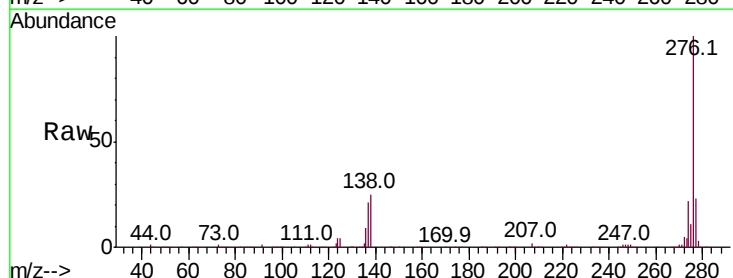
Tgt Ion:276 Resp: 906767

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 24.5 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

