

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117753.D
 Acq On : 12 Nov 2019 11:00
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 13:38:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	306653	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1133554	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	592999	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1125554	20.00	ng	0.00
76) Chrysene-d12	14.12	240	839112	20.00	ng	0.00
87) Perylene-d12	15.63	264	876552	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1385584	81.79	ng	0.00
7) Phenol-d6	6.55	99	1696341	81.21	ng	0.00
23) Nitrobenzene-d5	7.49	82	1554569	80.97	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	513650	88.55	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2782582	92.58	ng	0.00
79) Terphenyl-d14	13.06	244	3170408	77.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	344446	40.807	ng	100
3) Pyridine	3.49	79	927128	39.931	ng	100
4) n-Nitrosodimethylamine	3.45	42	399103	39.006	ng	100
6) Aniline	6.59	93	1164126	39.710	ng	100
8) 2-Chlorophenol	6.71	128	780917	41.438	ng	100
9) Benzaldehyde	6.47	77	558353	38.417	ng	100
10) Phenol	6.56	94	925144	41.103	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	738026	39.708	ng	100
12) 1,3-Dichlorobenzene	6.87	146	905617	41.456	ng	100
13) 1,4-Dichlorobenzene	6.95	146	898920	41.108	ng	100
14) 1,2-Dichlorobenzene	7.10	146	844694	41.953	ng	100
15) Benzyl Alcohol	7.06	79	665592	39.963	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1125475	38.298	ng	100
17) 2-Methylphenol	7.17	107	654376	40.429	ng	100
18) Hexachloroethane	7.45	117	326427	40.384	ng	100
19) n-Nitroso-di-n-propylamine	7.34	70	512382	37.306	ng	100
20) 3+4-Methylphenols	7.33	107	790175	40.999	ng	100
22) Acetophenone	7.34	105	1047702	40.440	ng	100
24) Nitrobenzene	7.51	77	807878	40.295	ng	100
25) Isophorone	7.75	82	1409171	38.373	ng	100
26) 2-Nitrophenol	7.83	139	387090	41.588	ng	100
27) 2,4-Dimethylphenol	7.86	122	624860	39.814	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	907040	38.478	ng	100
29) 2,4-Dichlorophenol	8.06	162	665840	41.179	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	768805	41.534	ng	100
31) Naphthalene	8.24	128	2168580	41.854	ng	100
32) Benzoic acid	7.97	122	514176	41.387	ng	100
33) 4-Chloroaniline	8.28	127	991312	41.175	ng	100
34) Hexachlorobutadiene	8.36	225	443784	41.866	ng	100
35) Caprolactam	8.65	113	221993	41.422	ng	100
36) 4-Chloro-3-methylphenol	8.76	107	672190	41.198	ng	100
37) 2-Methylnaphthalene	8.93	142	1474584	41.805	ng	100
38) 1-Methylnaphthalene	9.03	142	1387360	41.418	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	703613	43.371	ng	100

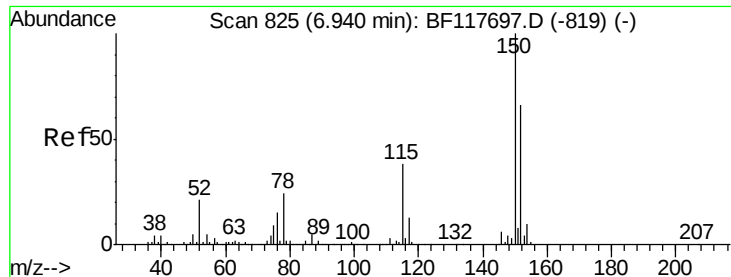
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117753.D
 Acq On : 12 Nov 2019 11:00
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 13:38:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	375302	42.882	ng	100
43) 2,4,6-Trichlorophenol	9.20	196	501082	42.409	ng	100
44) 2,4,5-Trichlorophenol	9.24	196	514244	42.938	ng	100
46) 1,1'-Biphenyl	9.40	154	1797008	43.269	ng	100
47) 2-Chloronaphthalene	9.42	162	1487106	43.148	ng	100
48) 2-Nitroaniline	9.51	65	451588	41.811	ng	100
49) Acenaphthylene	9.84	152	2166331	43.161	ng	100
50) Dimethylphthalate	9.69	163	1677909	41.855	ng	100
51) 2,6-Dinitrotoluene	9.76	165	371609	41.397	ng	100
52) Acenaphthene	10.01	154	1379868	42.604	ng	100
53) 3-Nitroaniline	9.93	138	457555	42.249	ng	100
54) 2,4-Dinitrophenol	10.03	184	144481	46.947	ng	100
55) Dibenzofuran	10.19	168	1939129	42.787	ng	100
56) 4-Nitrophenol	10.07	139	350431	43.026	ng	100
57) 2,4-Dinitrotoluene	10.16	165	479445	41.635	ng	100
58) Fluorene	10.53	166	1432371	42.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	432006	43.393	ng	100
60) Diethylphthalate	10.40	149	1650641	41.868	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	751753	43.235	ng	100
62) 4-Nitroaniline	10.54	138	463963	43.526	ng	100
63) Azobenzene	10.68	77	1515036	40.573	ng	100
65) 4,6-Dinitro-2-methylphenol	10.57	198	200014	44.503	ng	100
66) n-Nitrosodiphenylamine	10.63	169	1345672	40.479	ng	100
67) 4-Bromophenyl-phenylether	11.01	248	498534	40.556	ng	100
68) Hexachlorobenzene	11.08	284	589957	41.546	ng	100
69) Atrazine	11.16	200	406647	37.121	ng	100
70) Pentachlorophenol	11.27	266	341473	43.016	ng	100
71) Phenanthrene	11.49	178	2277425	42.214	ng	100
72) Anthracene	11.54	178	2261600	42.136	ng	100
73) Carbazole	11.70	167	2109548	42.994	ng	100
74) Di-n-butylphthalate	12.03	149	2474304	41.471	ng	100
75) Fluoranthene	12.69	202	2403764	43.635	ng	100
77) Benzidine	12.80	184	1228366	42.106	ng	100
78) Pyrene	12.92	202	2436248	39.773	ng	100
80) Butylbenzylphthalate	13.53	149	1130913	39.971	ng	100
81) Benzo(a)anthracene	14.11	228	2209638	42.305	ng	100
82) 3,3'-Dichlorobenzidine	14.07	252	881858	45.207	ng	100
83) Chrysene	14.15	228	2167378	42.019	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	1447340	39.656	ng	100
85) Di-n-octyl phthalate	14.72	149	2401244	41.810	ng	100
86) Indeno(1,2,3-cd)pyrene	17.17	276	2022987	42.138	ng	100
88) Benzo(b)fluoranthene	15.19	252	2240977	40.593	ng	100
89) Benzo(k)fluoranthene	15.22	252	2074721	42.136	ng	100
90) Benzo(a)pyrene	15.57	252	2002394	41.841	ng	100
91) Dibenzo(a,h)anthracene	17.19	278	1631138	38.003	ng	100
92) Benzo(g,h,i)perylene	17.63	276	1586335	38.136	ng	100

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

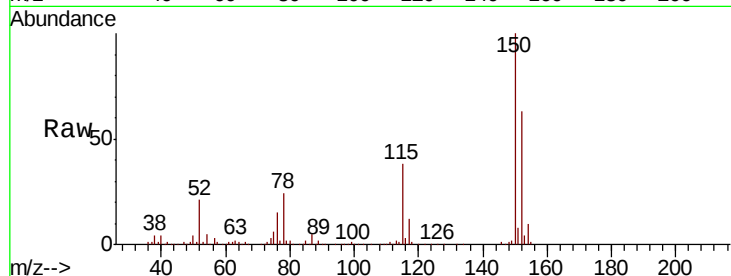


#1

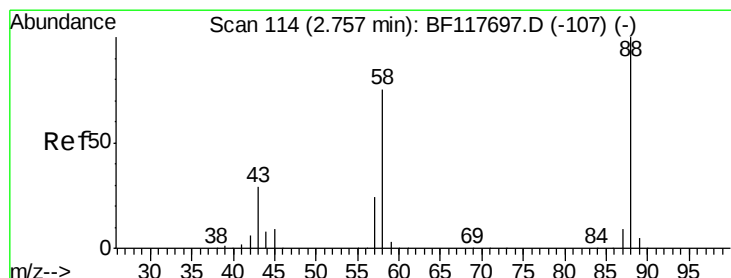
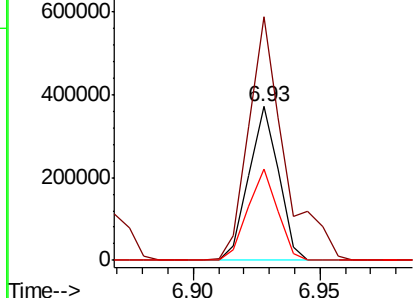
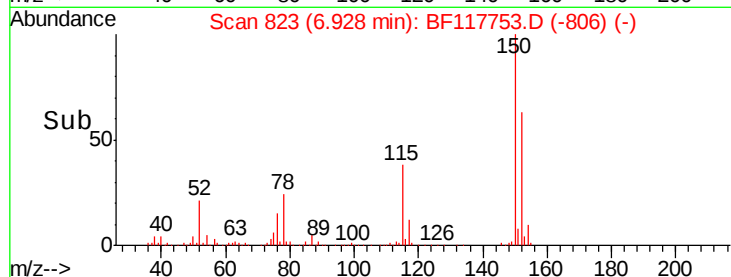
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 306653
Ion Ratio Lower Upper
152 100
150 158.3 126.6 190.0
115 59.5 47.6 71.4



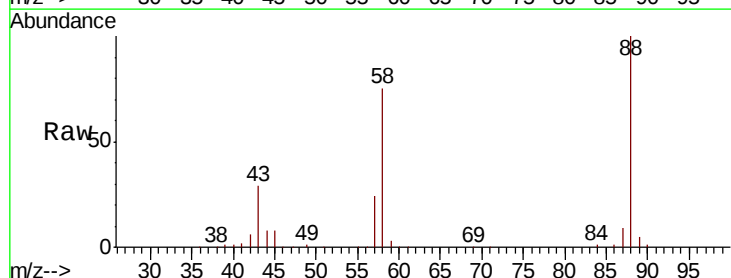
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



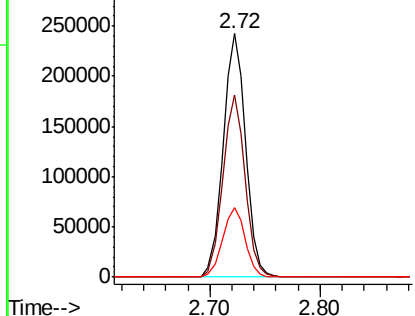
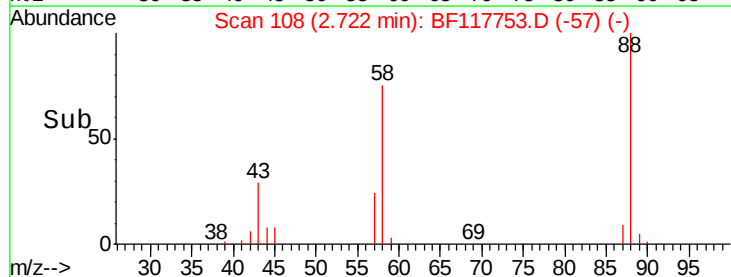
#2

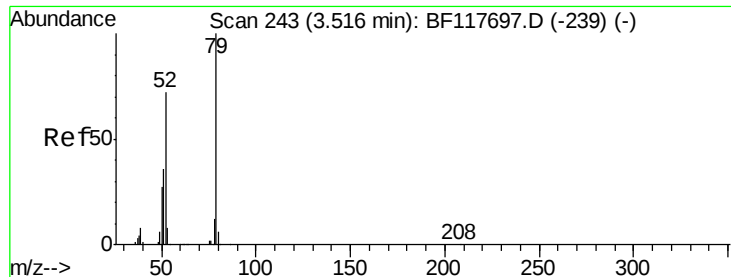
1,4-Dioxane
Concen: 40.807 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion: 88 Resp: 344446
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 28.7 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.931 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

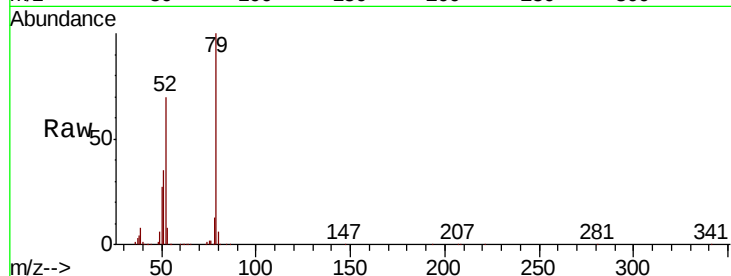
Tot Ion: 79 Resp: 927128

Ion Ratio Lower Upper

79 100

52 69.5 55.6 83.4

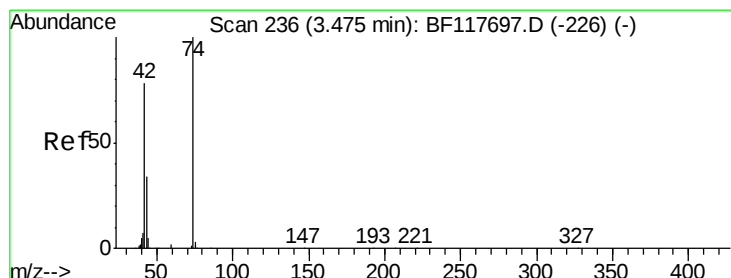
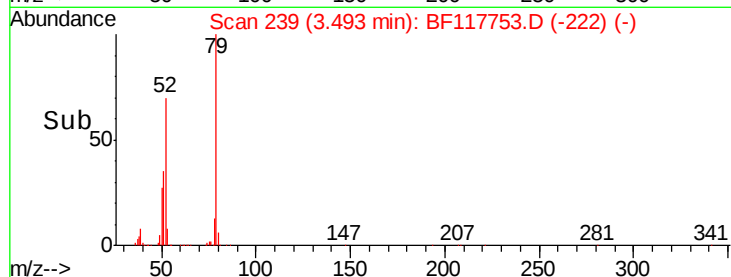
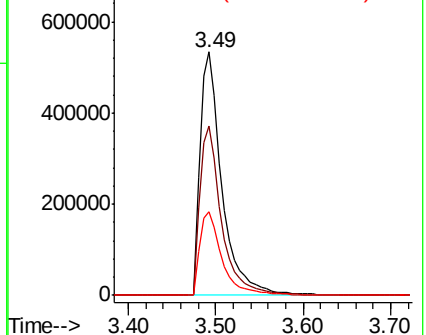
51 34.6 27.7 41.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.006 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

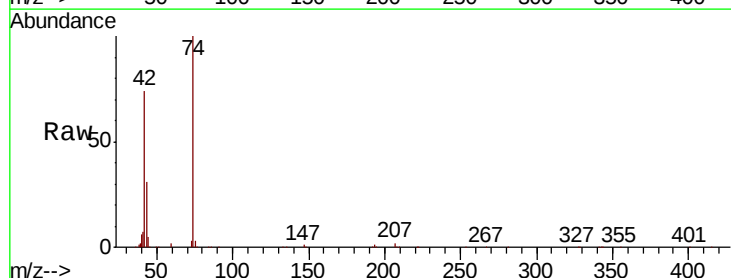
Tgt Ion: 42 Resp: 399103

Ion Ratio Lower Upper

42 100

74 135.6 108.5 162.7

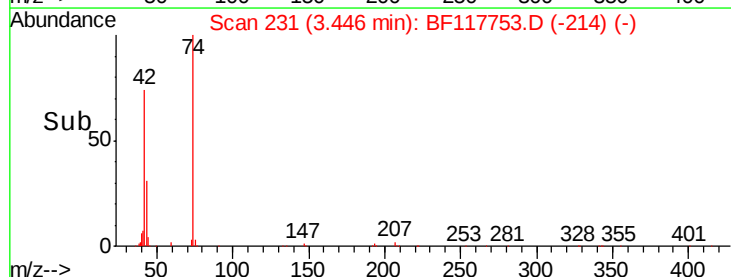
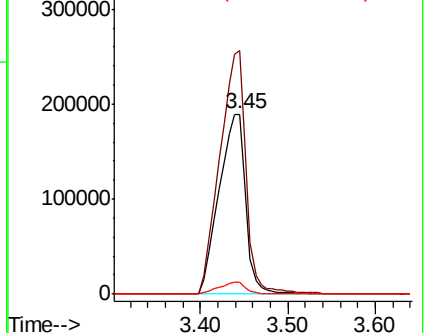
44 6.3 5.0 7.6

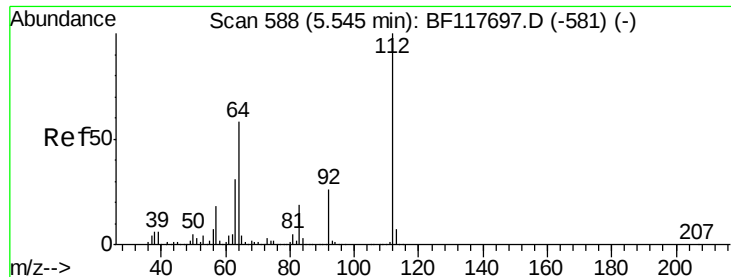


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.790 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

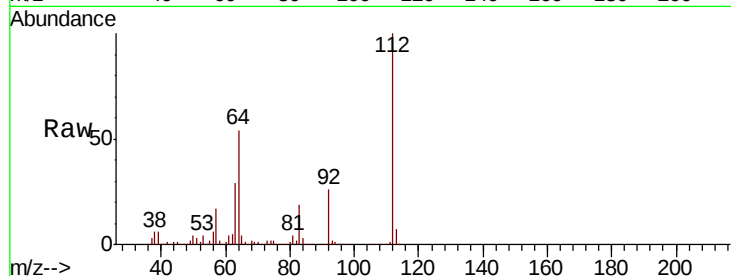
Tot Ion:112 Resp: 1385584

Ion Ratio Lower Upper

112 100

64 54.4 43.5 65.3

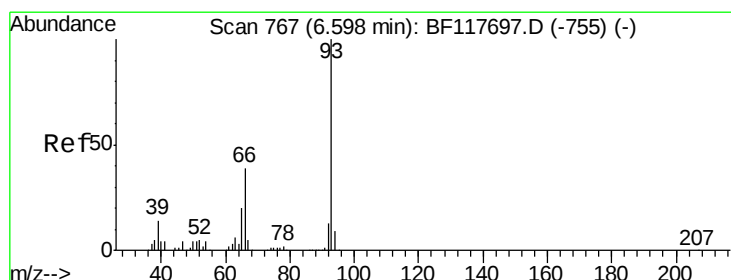
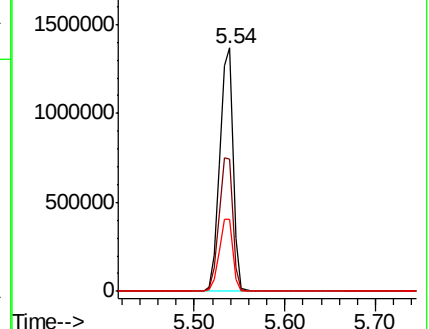
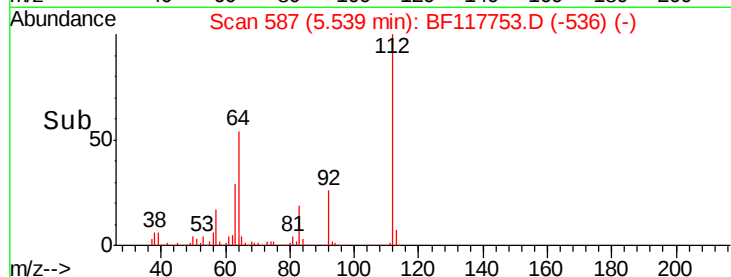
63 29.4 23.5 35.3



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: 39.710 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

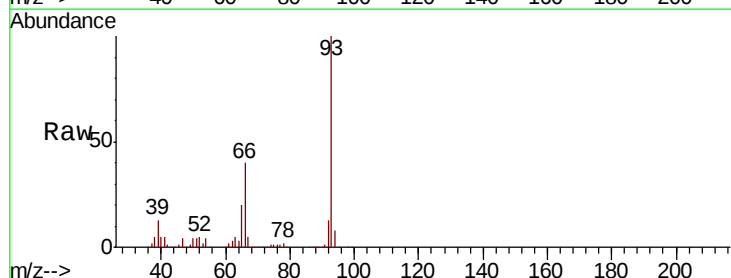
Tgt Ion: 93 Resp: 1164126

Ion Ratio Lower Upper

93 100

66 39.7 31.8 47.6

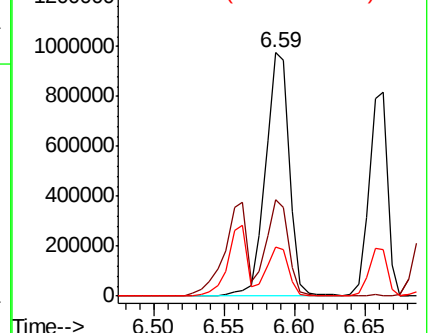
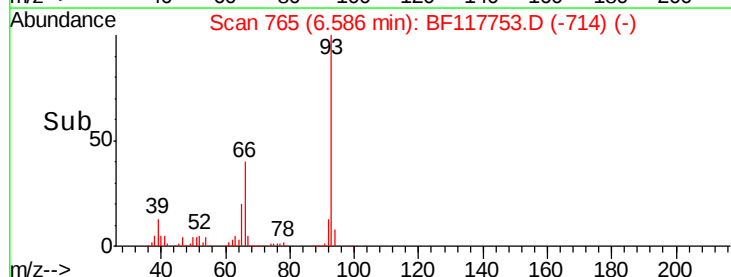
65 20.2 16.2 24.2

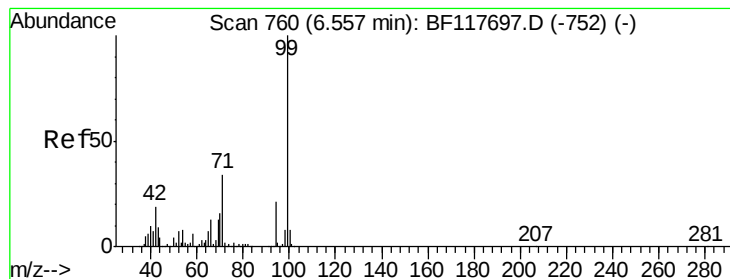


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.210 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

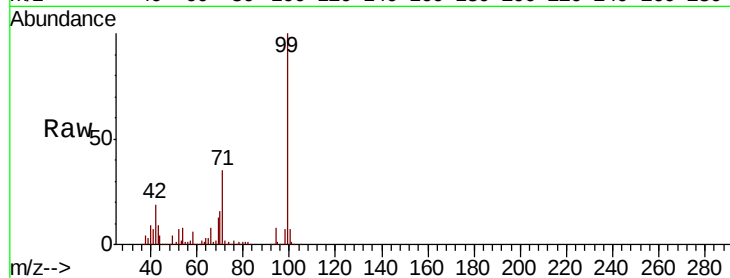
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1696341

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.3	22.9
71	35.2	28.2	42.2

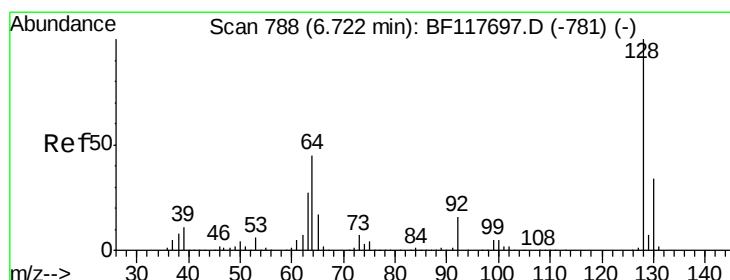
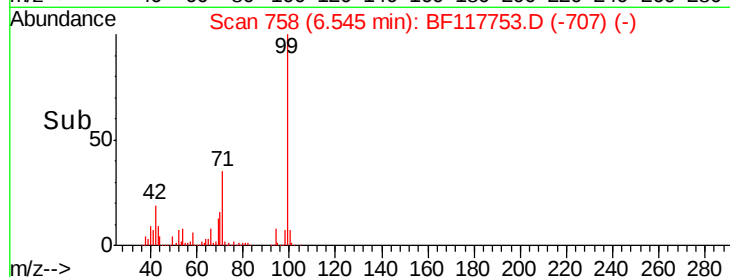
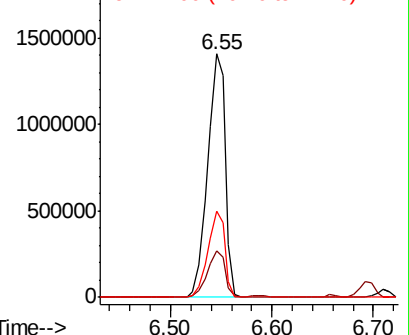


Abundance

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: 41.438 ng

RT: 6.71 min Scan# 786

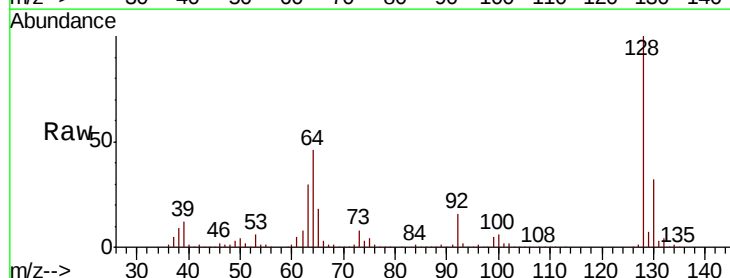
Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Tgt Ion: 128 Resp: 780917

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	46.1	26.1	66.1

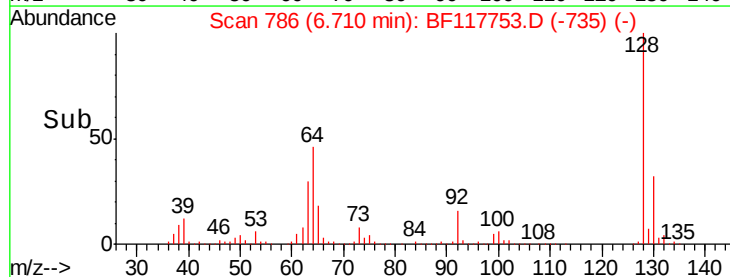
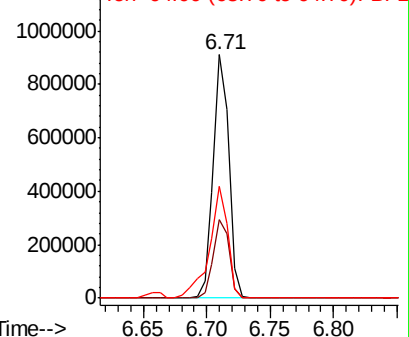


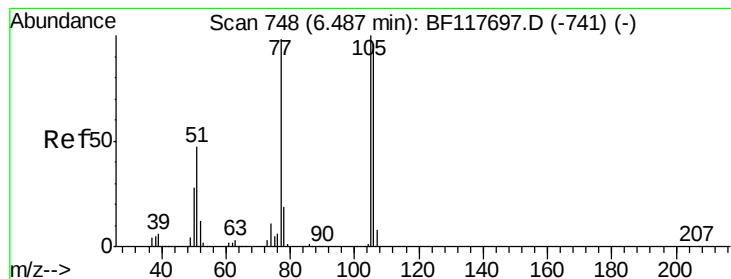
Abundance

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: 38.417 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

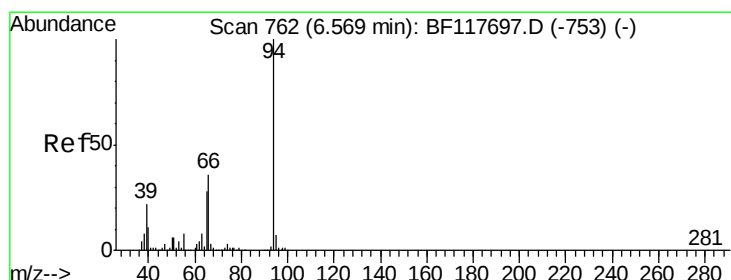
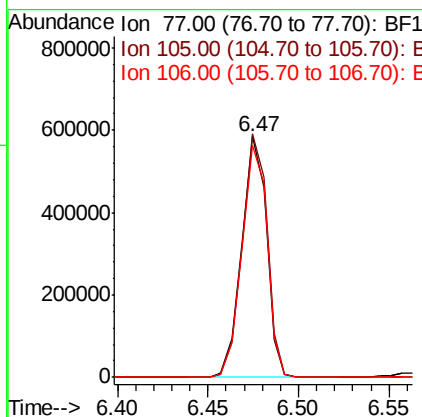
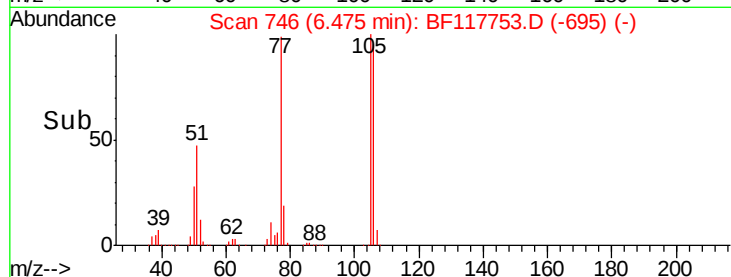
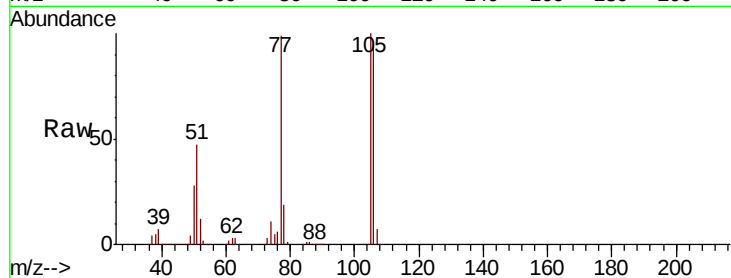
Tot Ion: 77 Resp: 558353

Ion Ratio Lower Upper

77 100

105 101.2 81.2 121.2

106 96.4 76.4 116.4



#10

Phenol

Concen: 41.103 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

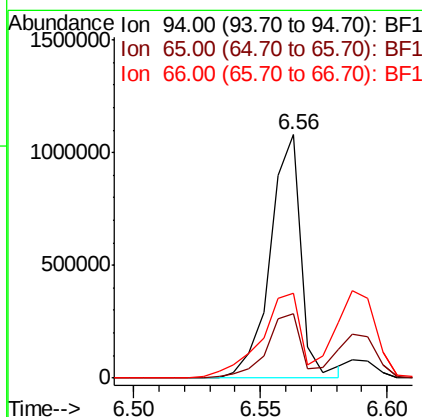
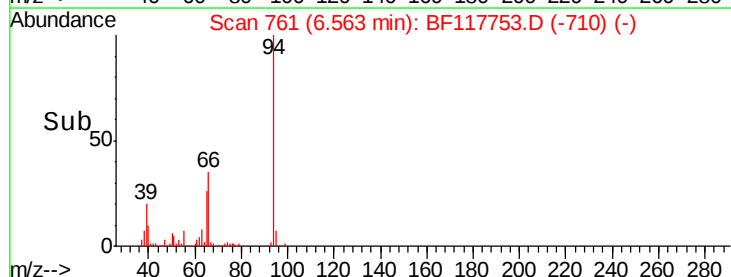
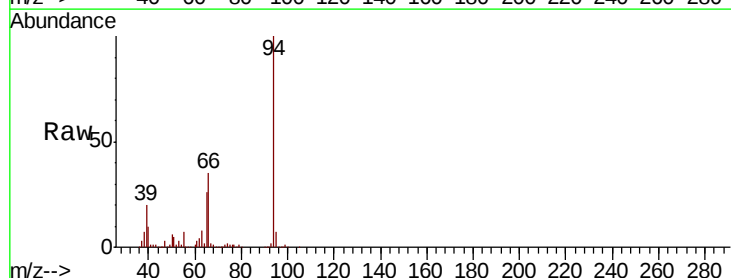
Tgt Ion: 94 Resp: 925144

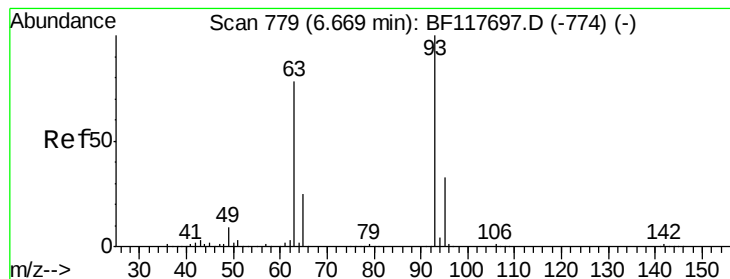
Ion Ratio Lower Upper

94 100

65 26.4 6.4 46.4

66 34.9 14.9 54.9

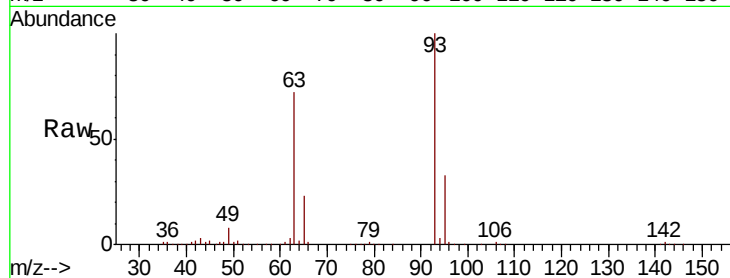




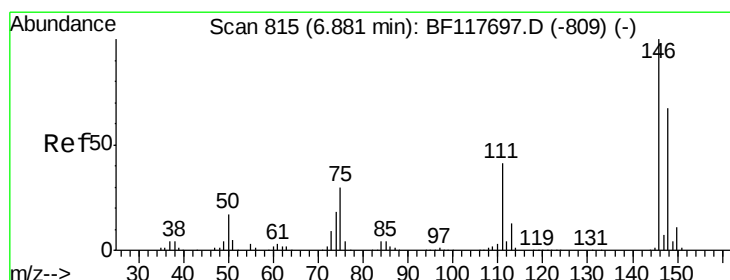
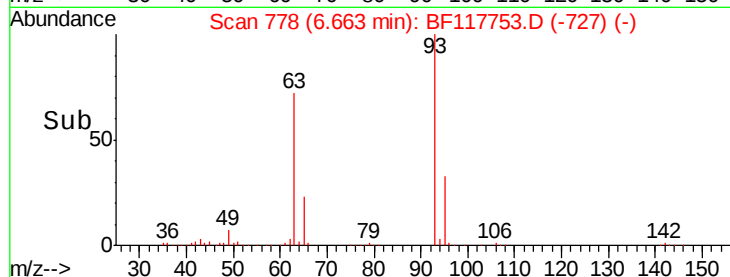
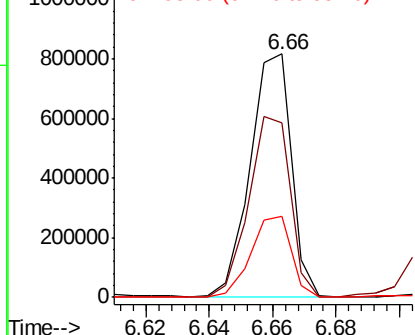
#11
bis(2-Chloroethyl)ether
Concen: 39.708 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 738026
Ion Ratio Lower Upper
93 100
63 71.6 51.6 91.6
95 33.1 13.1 53.1

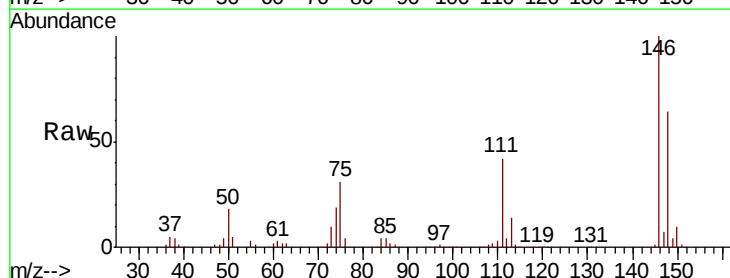


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

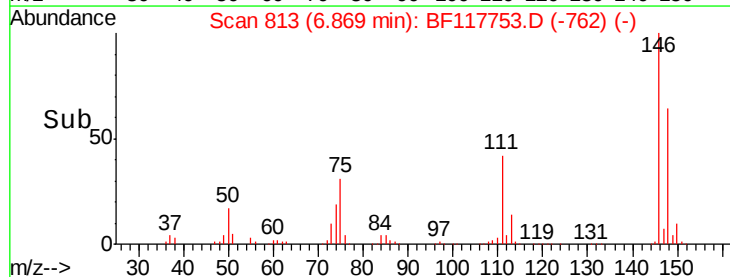
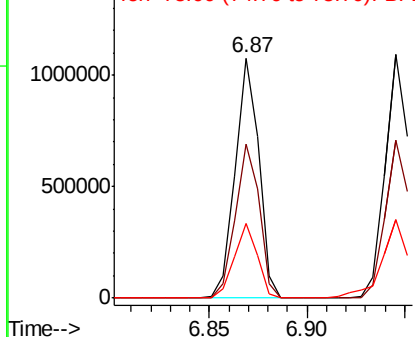


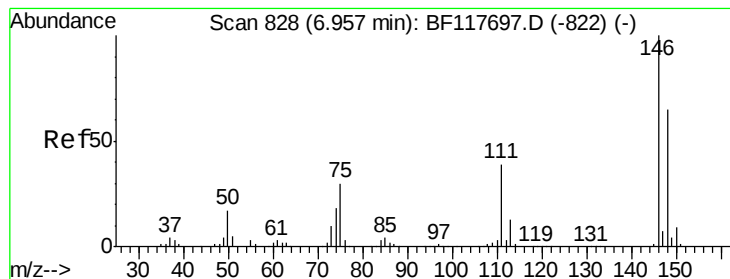
#12
1,3-Dichlorobenzene
Concen: 41.456 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion: 146 Resp: 905617
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 31.0 24.8 37.2



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: 41.108 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampled :

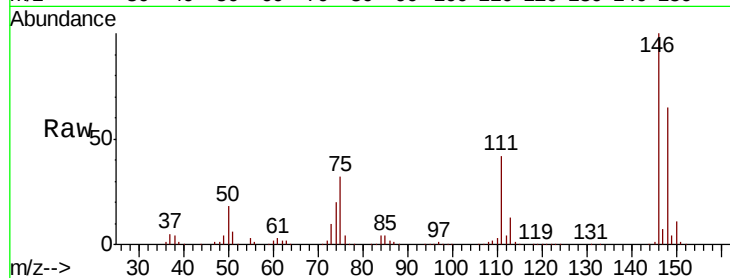
Tot Ion:146 Resp: 898920

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

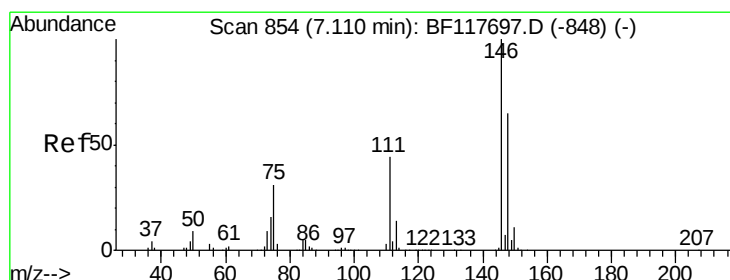
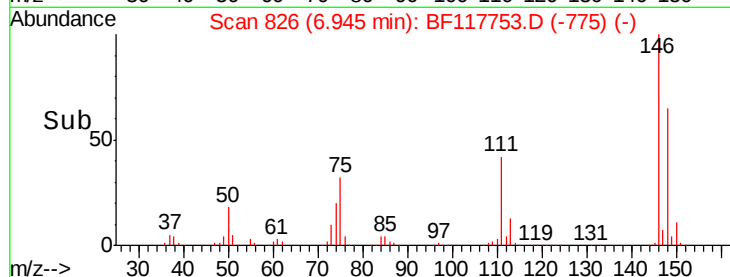
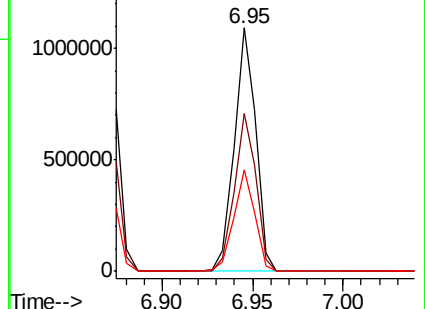
111 41.6 33.3 49.9



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: 41.953 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

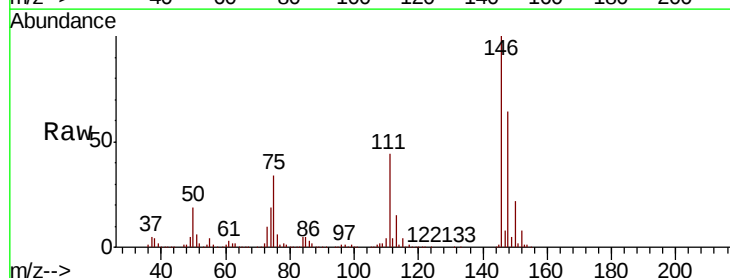
Tgt Ion:146 Resp: 844694

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

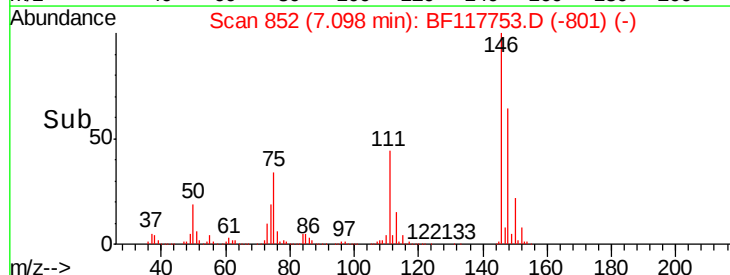
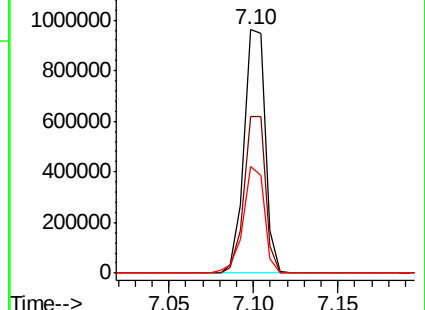
111 44.0 35.2 52.8

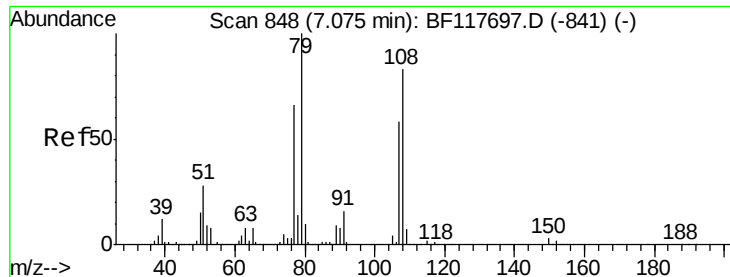


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.963 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampled :

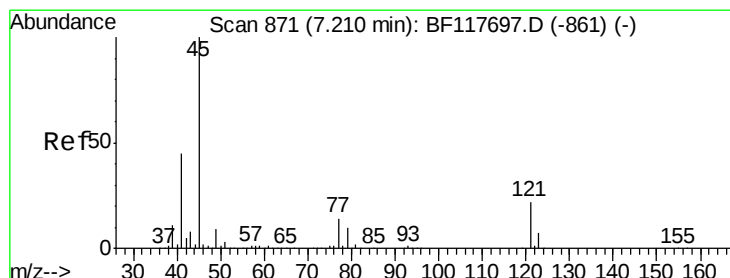
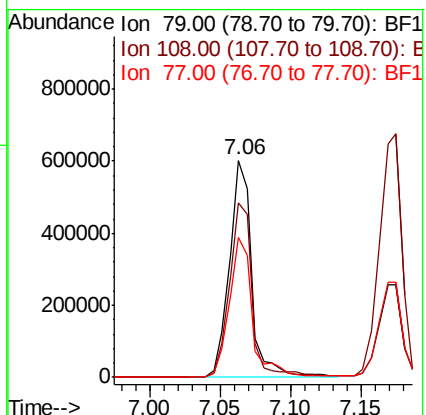
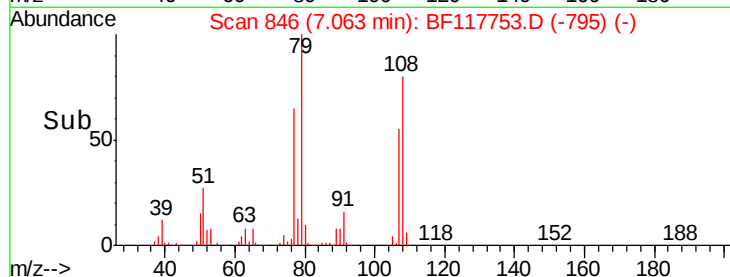
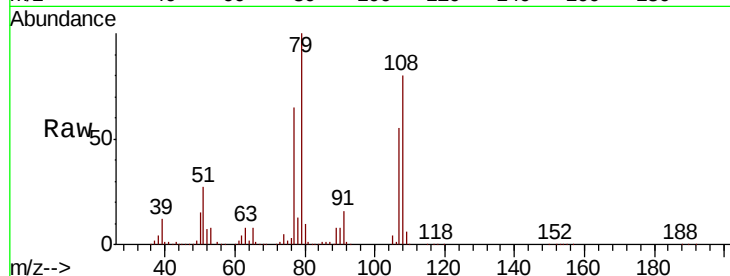
Tot Ion: 79 Resp: 665592

Ion Ratio Lower Upper

79 100

108 80.1 64.1 96.1

77 64.5 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.298 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

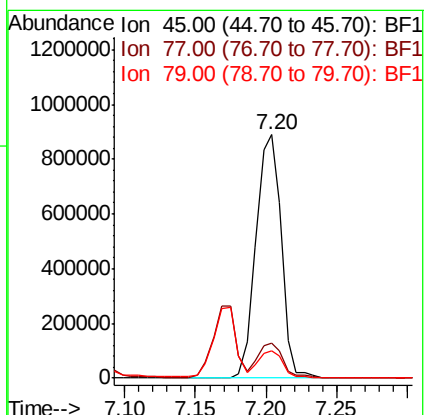
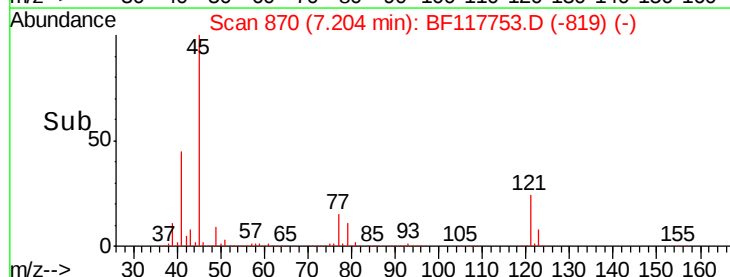
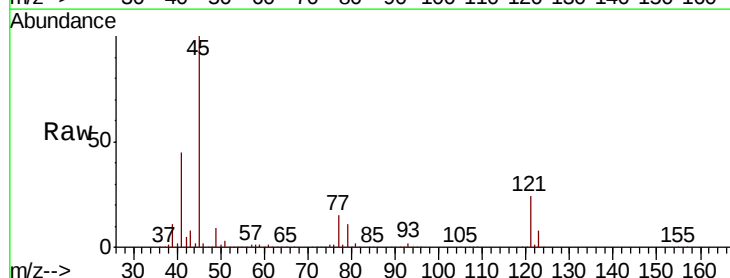
Tgt Ion: 45 Resp: 1125475

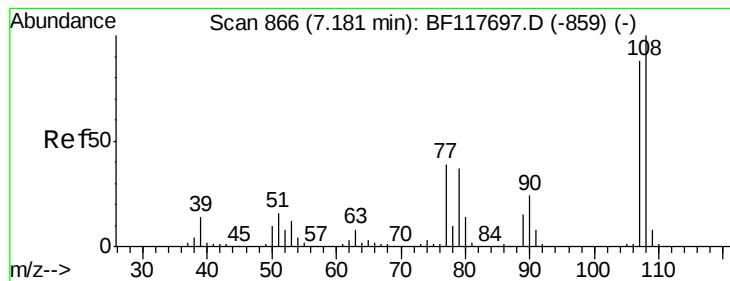
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

79 11.3 0.0 31.3

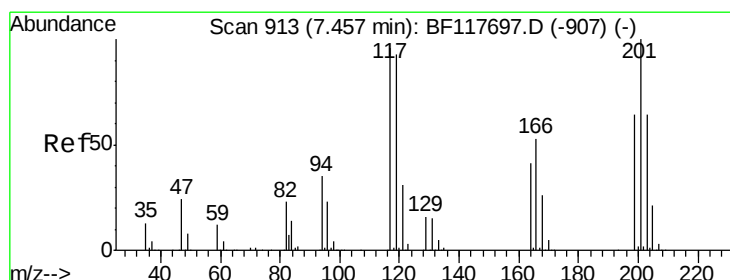
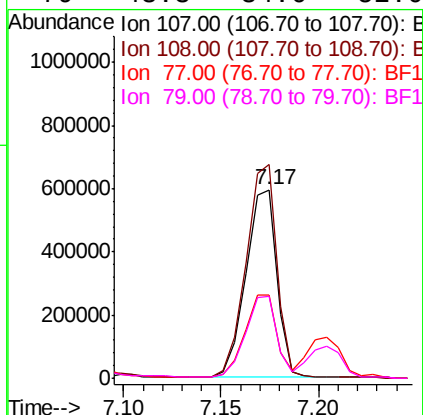
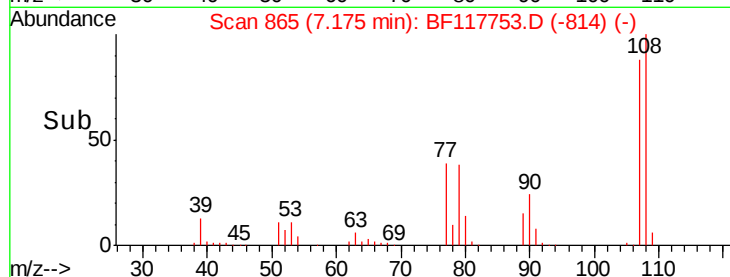
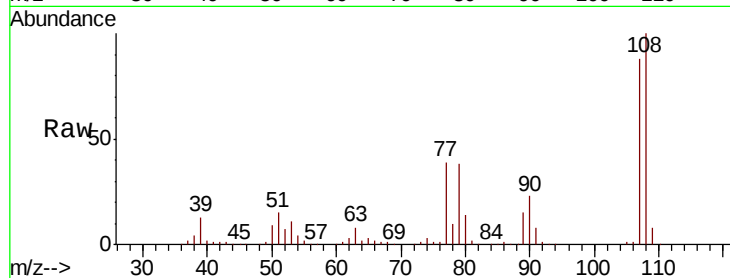




#17
2-Methylphenol
Concen: 40.429 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

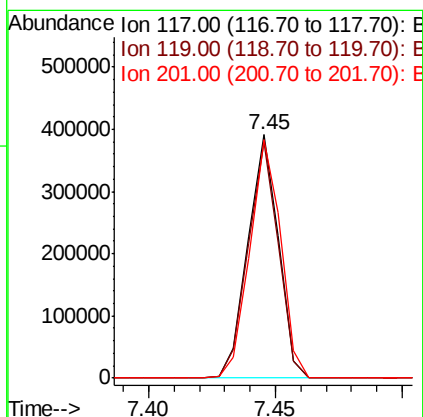
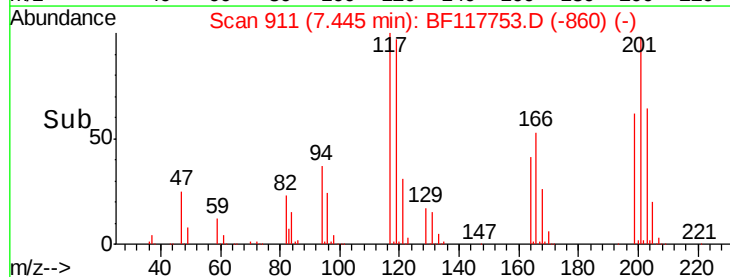
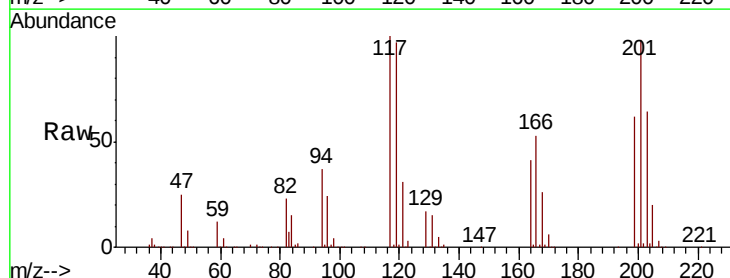
Instrument :
BNA_F
ClientSampleId :

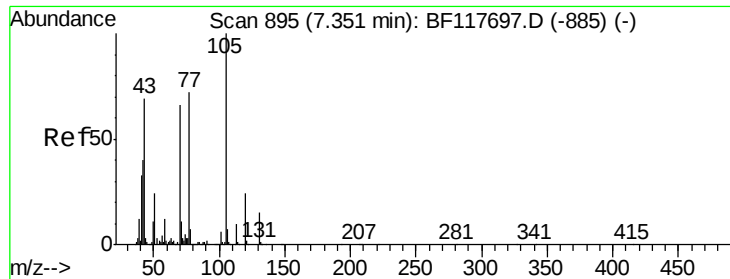
Tot Ion:107 Resp: 654376
Ion Ratio Lower Upper
107 100
108 113.4 90.7 136.1
77 44.1 35.3 52.9
79 43.3 34.6 52.0



#18
Hexachloroethane
Concen: 40.384 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:117 Resp: 326427
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 98.0 78.4 117.6

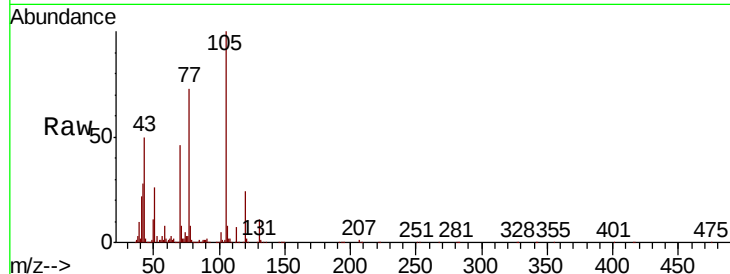




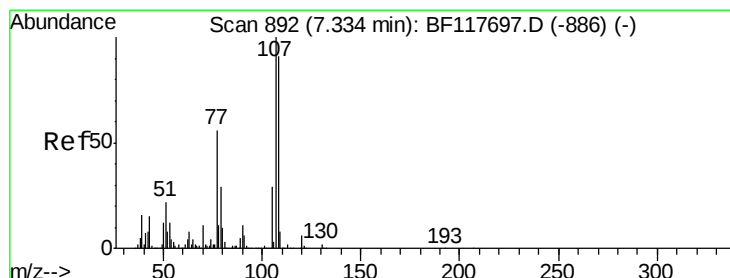
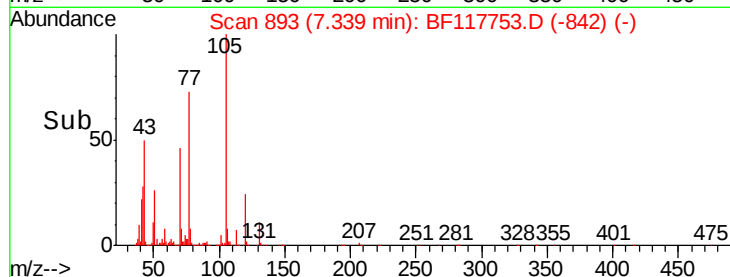
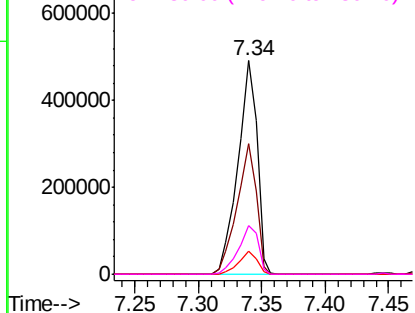
#19
n-Nitroso-di-n-propylamine
Concen: 37.306 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	512382
Ion	Ratio	Lower	Upper
70	100		
42	60.9	48.7	73.1
101	10.5	8.4	12.6
130	23.0	18.4	27.6

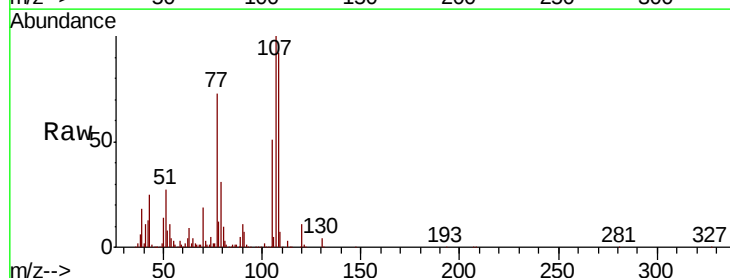


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

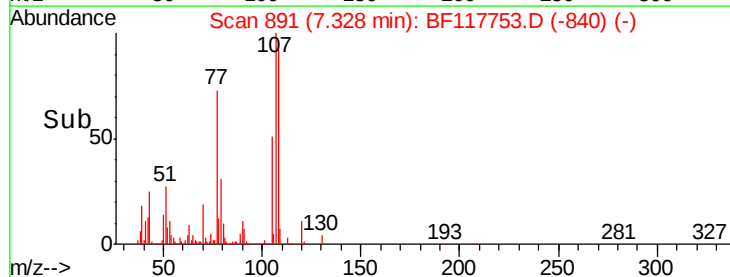
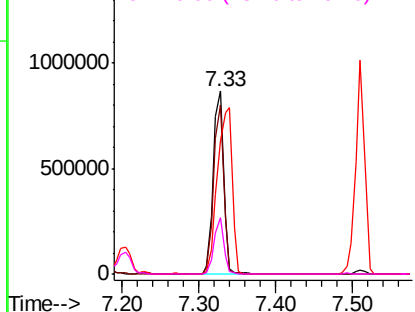


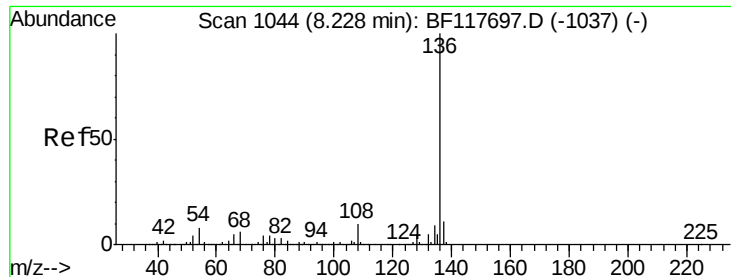
#20
3+4-Methylphenols
Concen: 40.999 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:	107	Resp:	790175
Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	72.8	52.8	92.8
79	30.6	10.6	50.6



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: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1133554

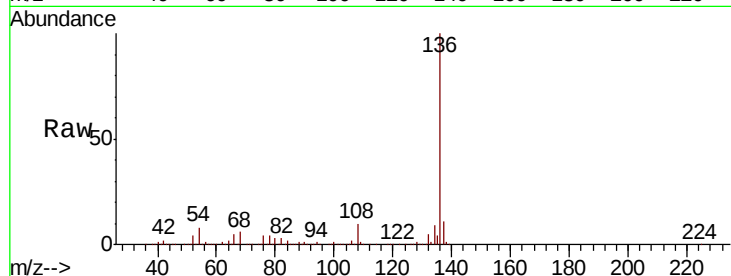
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.6 6.1 9.1

68 5.8 4.6 7.0



Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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

1500000

1000000

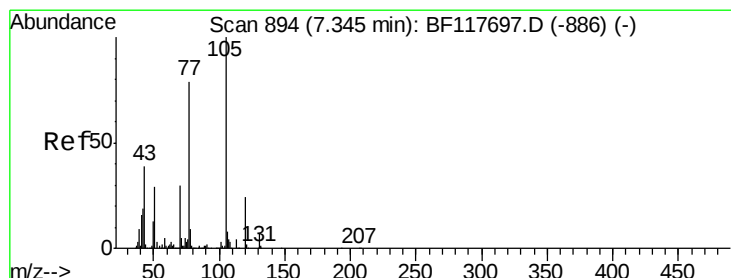
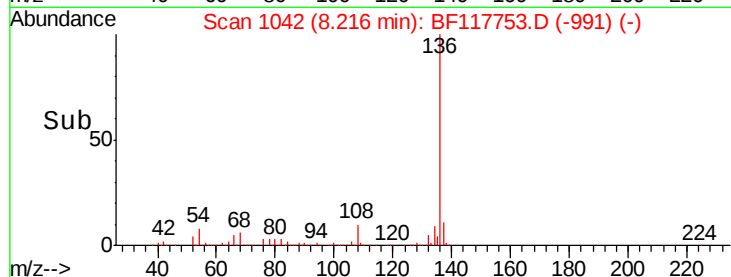
500000

0

8.22

8.15 8.20 8.25

Time-->



#22

Acetophenone

Concen: 40.440 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Tgt Ion:105 Resp: 1047702

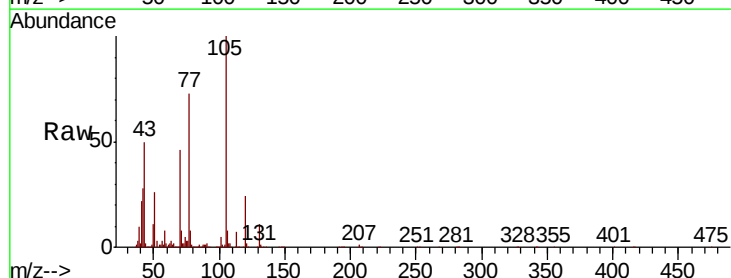
Ion Ratio Lower Upper

105 100

71 7.6 6.1 9.1

51 25.8 20.6 31.0

120 23.5 18.8 28.2



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

1500000

1000000

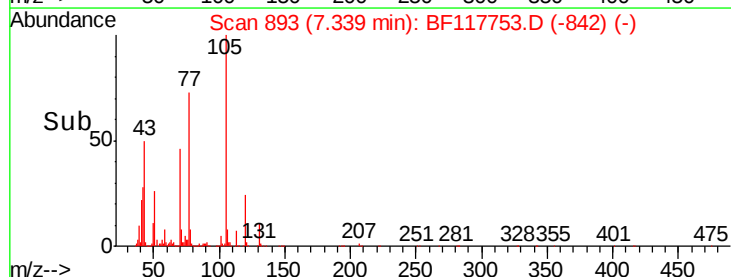
500000

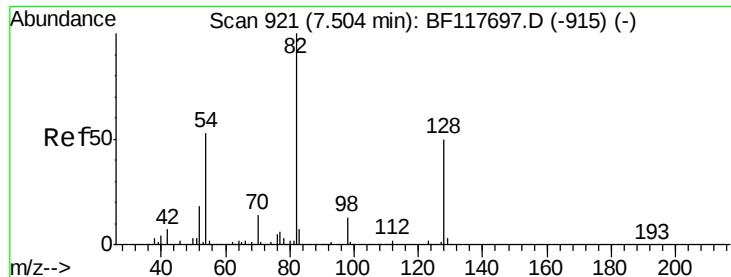
0

7.34

7.30 7.35 7.40

Time-->

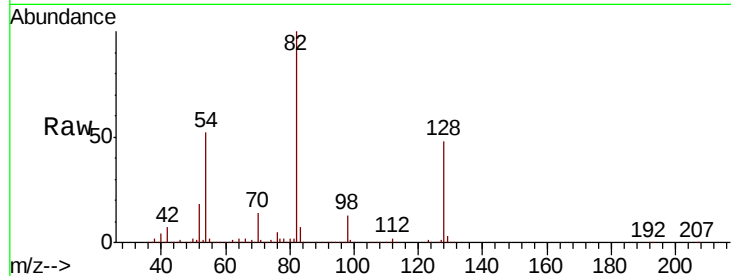




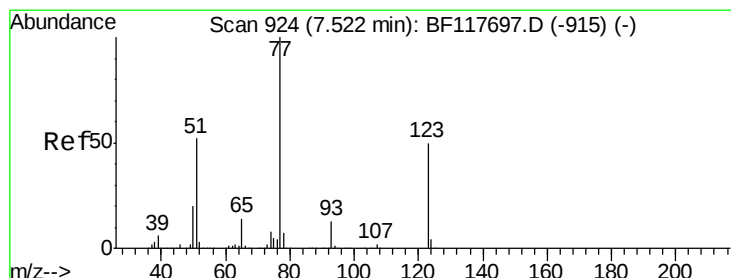
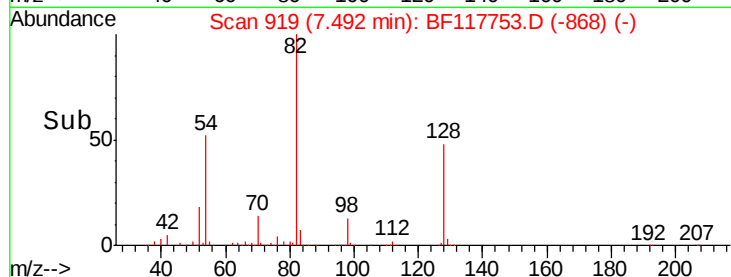
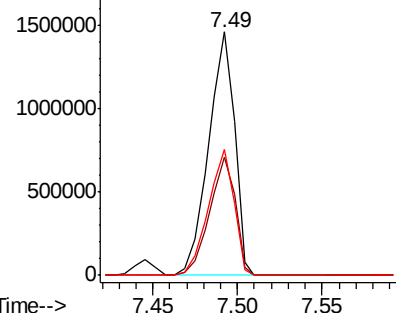
#23
 Nitrobenzene-d5
 Concen: 80.967 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1554569
 Ion Ratio Lower Upper
 82 100
 128 48.4 38.7 58.1
 54 51.8 41.4 62.2

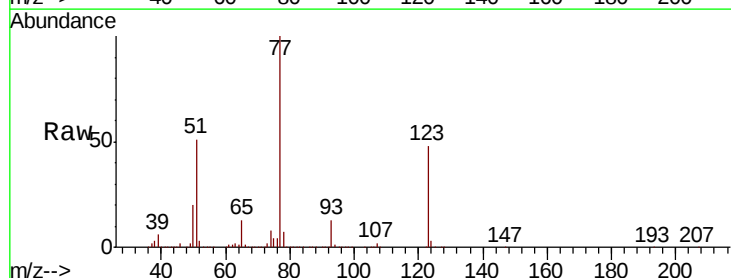


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

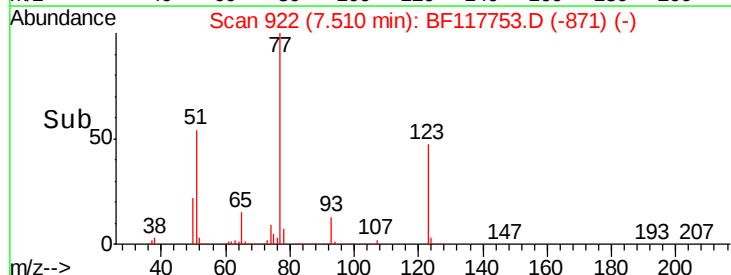
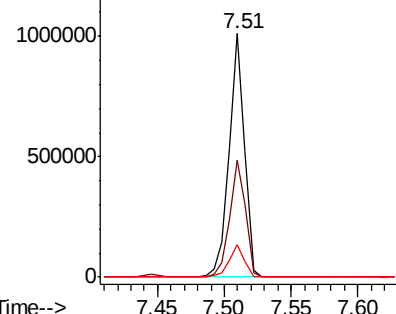


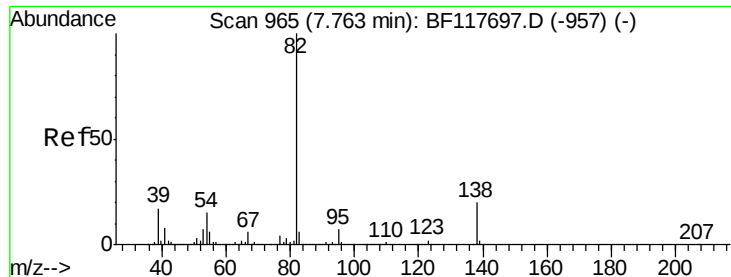
#24
 Nitrobenzene
 Concen: 40.295 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion: 77 Resp: 807878
 Ion Ratio Lower Upper
 77 100
 123 48.1 38.5 57.7
 65 13.5 10.8 16.2



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: 38.373 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

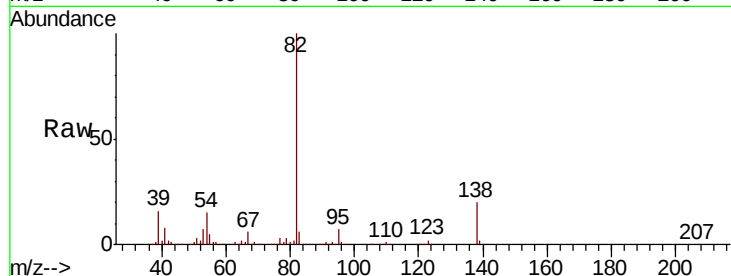
Tot Ion: 82 Resp: 1409171

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

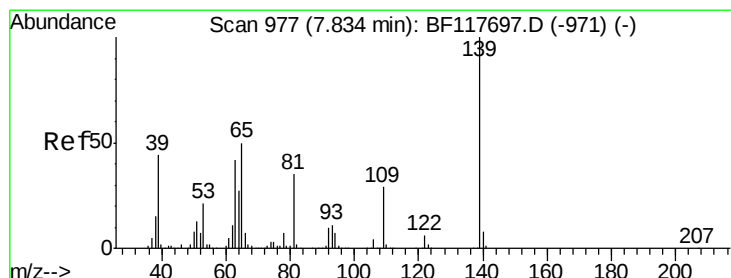
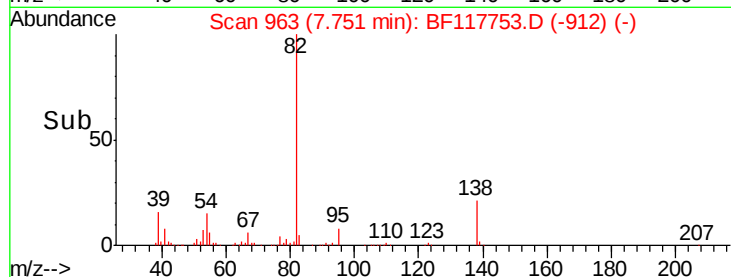
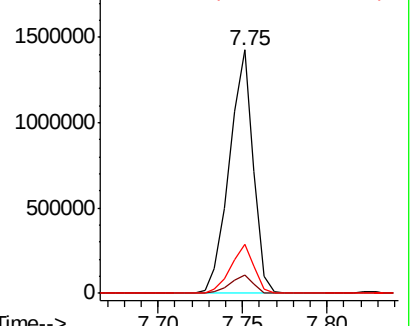
138 20.0 16.0 24.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.588 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

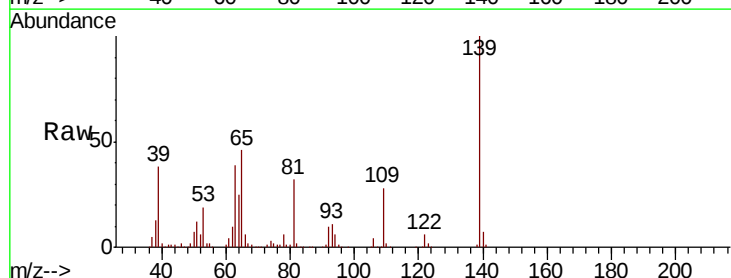
Tgt Ion: 139 Resp: 387090

Ion Ratio Lower Upper

139 100

109 27.9 22.3 33.5

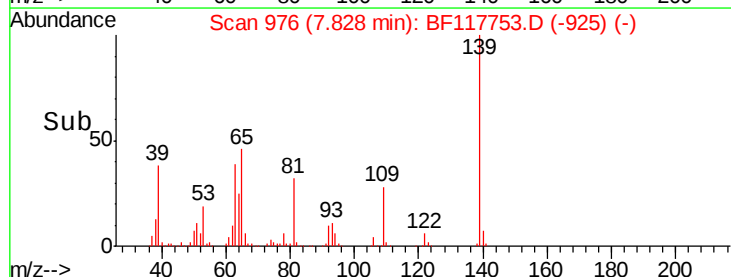
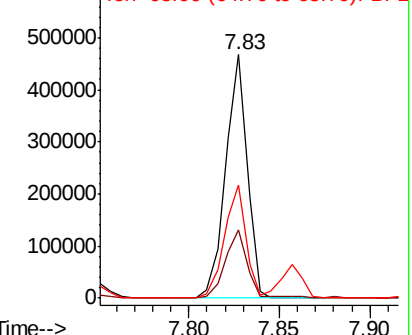
65 46.3 37.0 55.6

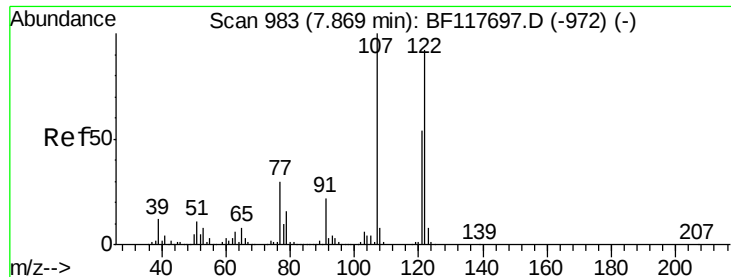


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.814 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampled :

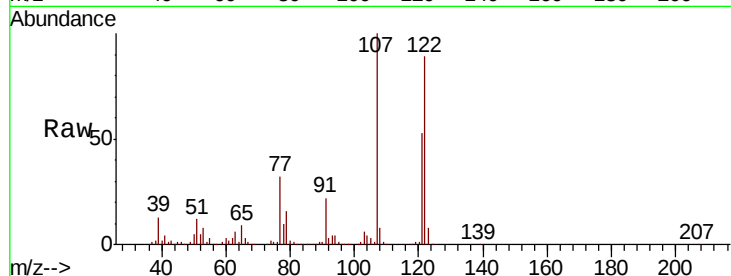
Tot Ion:122 Resp: 624860

Ion Ratio Lower Upper

122 100

107 112.2 89.8 134.6

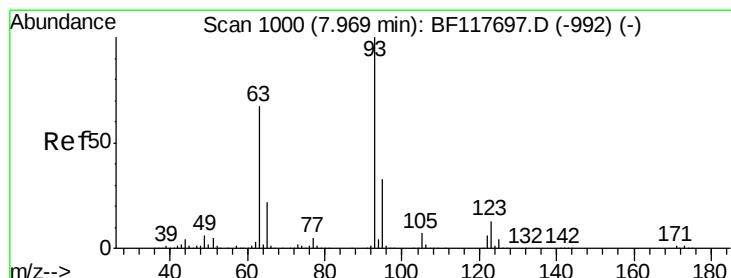
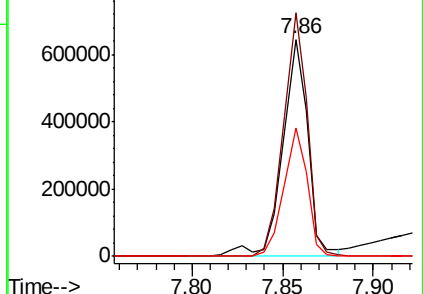
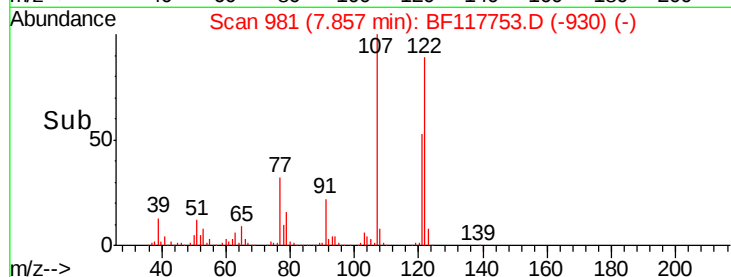
121 59.1 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.478 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

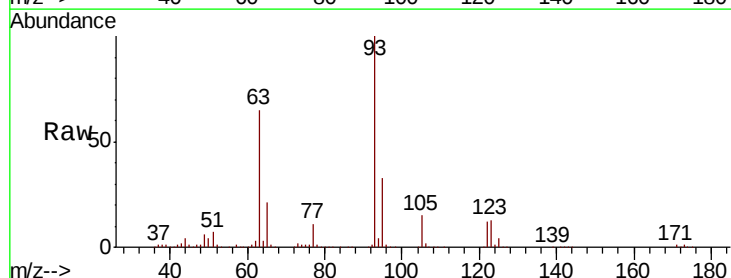
Tgt Ion: 93 Resp: 907040

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

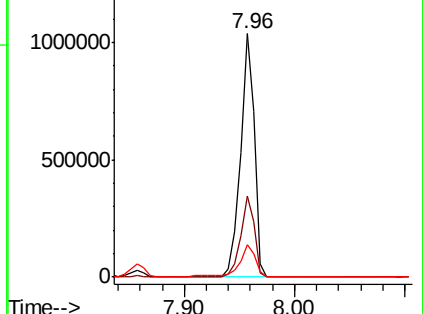
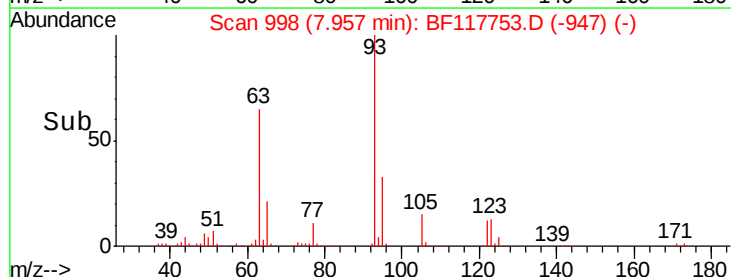
123 13.1 10.5 15.7

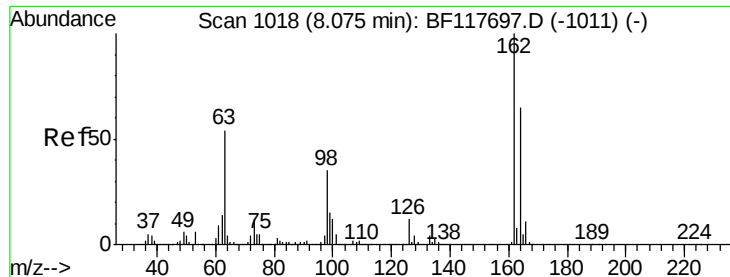


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

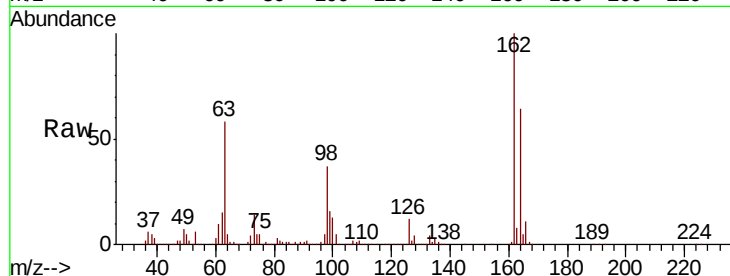




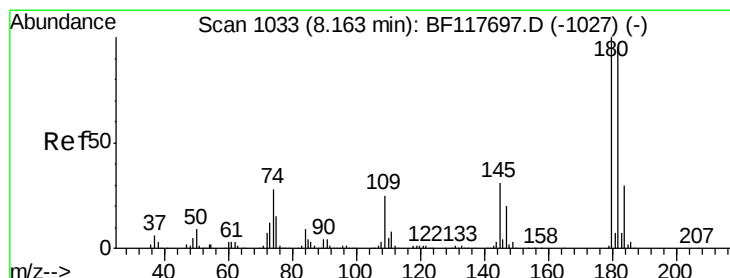
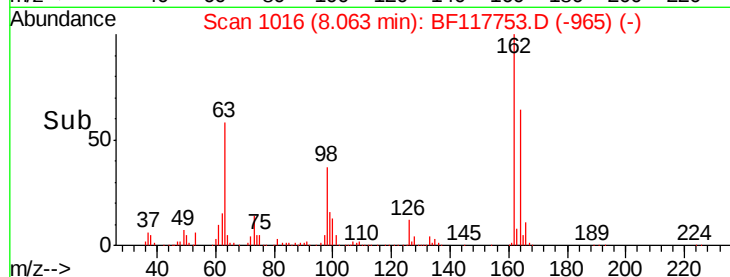
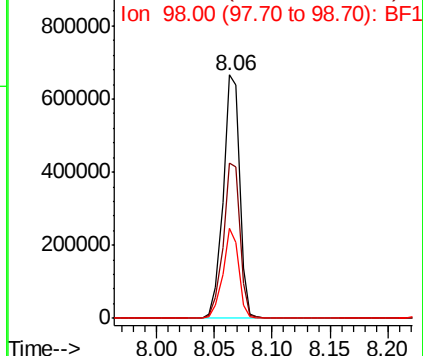
#29
2,4-Dichlorophenol
Concen: 41.179 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 665840
Ion Ratio Lower Upper
162 100
164 63.7 43.7 83.7
98 37.1 17.1 57.1

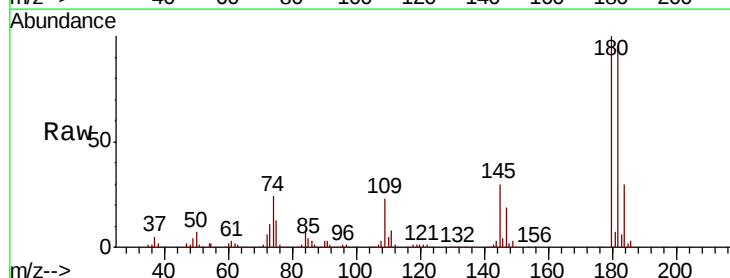


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

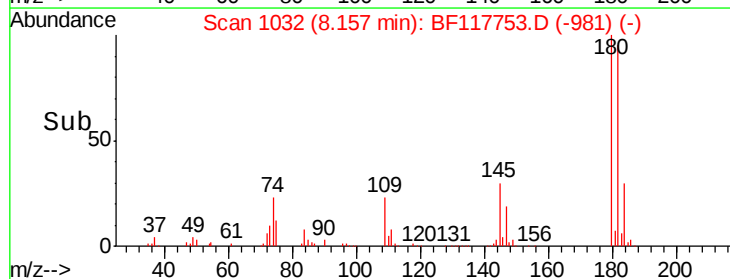
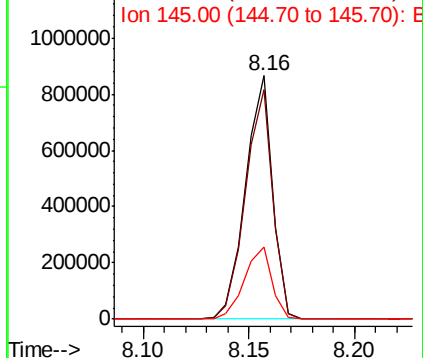


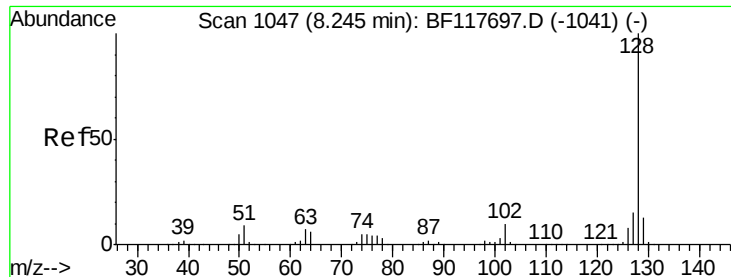
#30
1,2,4-Trichlorobenzene
Concen: 41.534 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:180 Resp: 768805
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 29.8 23.8 35.8



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





#31

Naphthalene

Concen: 41.854 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

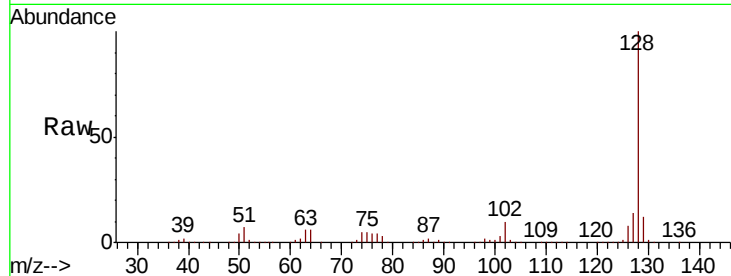
Tot Ion:128 Resp: 2168580

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

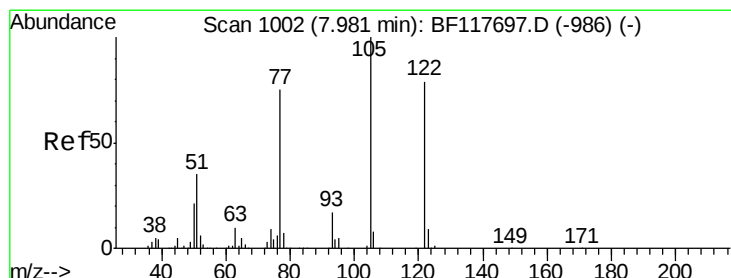
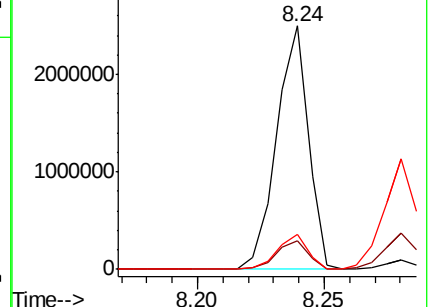
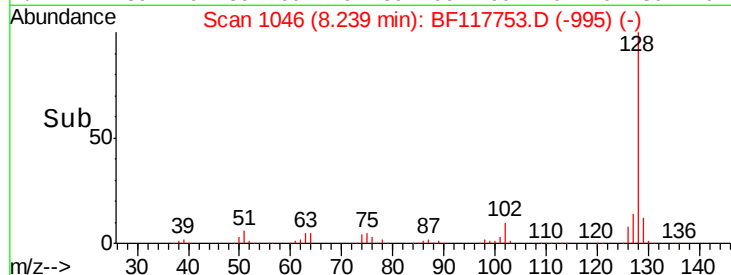
127 14.3 11.4 17.2



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: 41.387 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

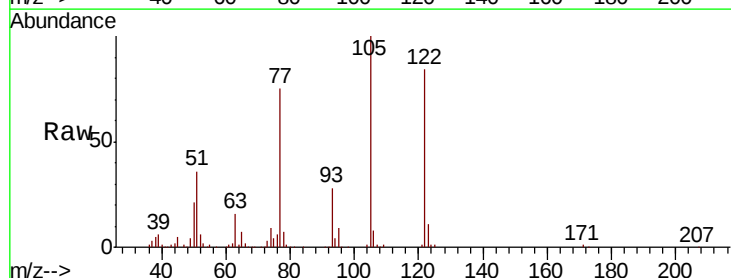
Tgt Ion:122 Resp: 514176

Ion Ratio Lower Upper

122 100

105 119.4 99.4 139.4

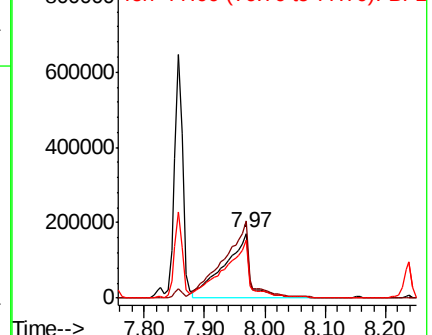
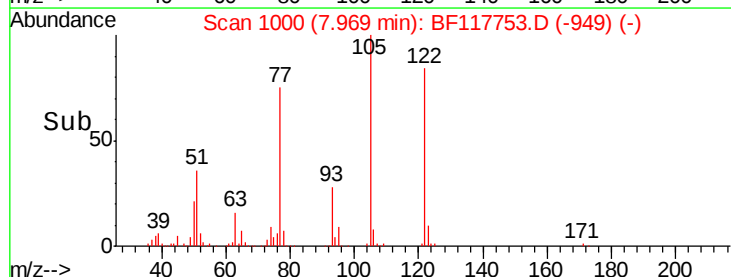
77 89.4 69.4 109.4

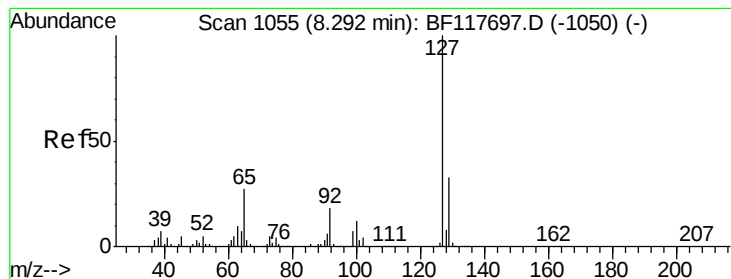


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.175 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF117753.D

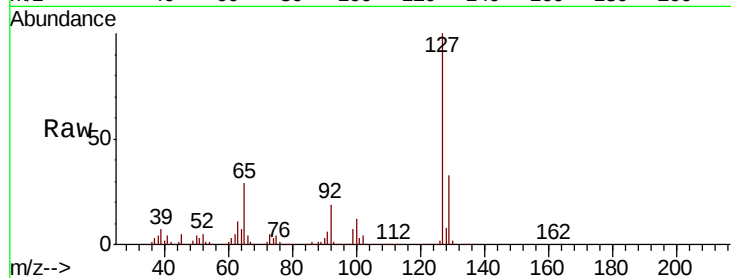
Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	991312
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	28.8	23.0	34.6
92	18.6	14.9	22.3

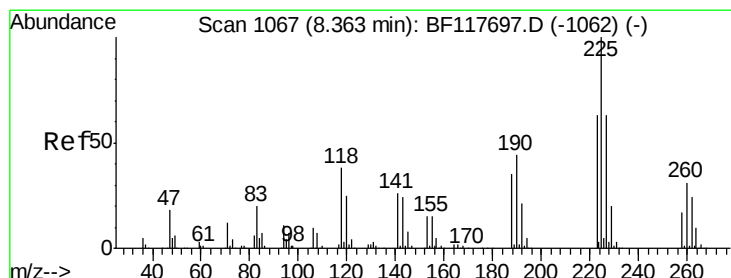
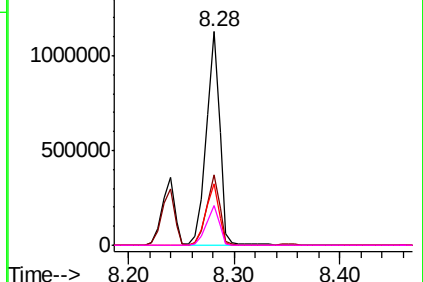
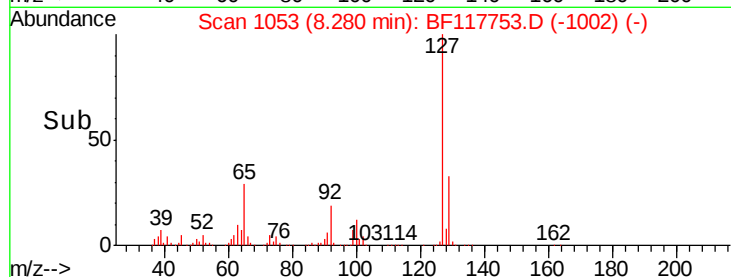


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.866 ng

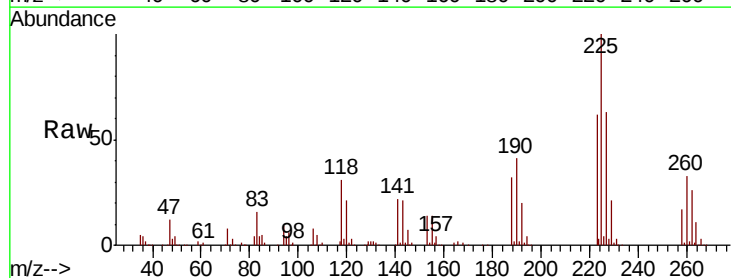
RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

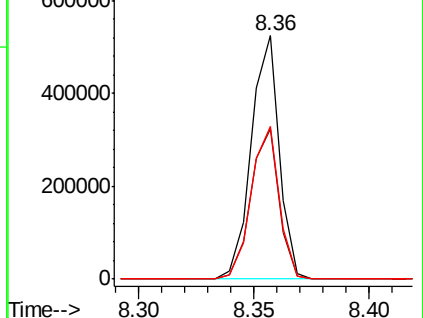
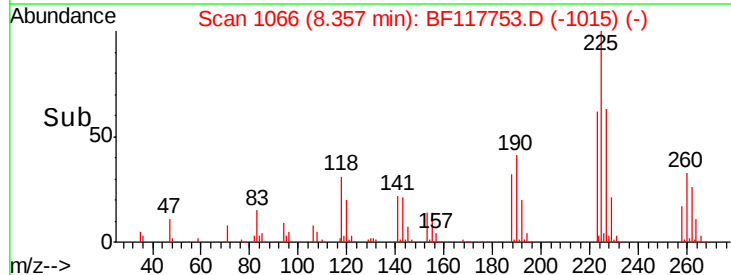
Tgt Ion:	225	Resp:	443784
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	62.9	50.3	75.5

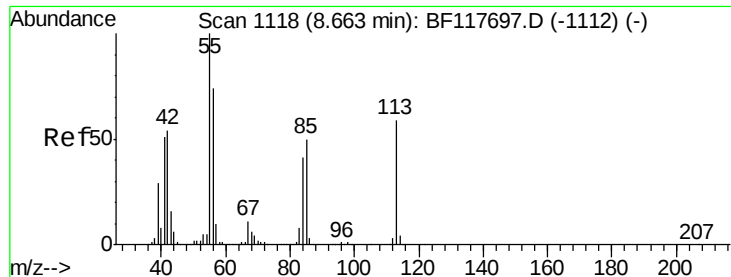


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

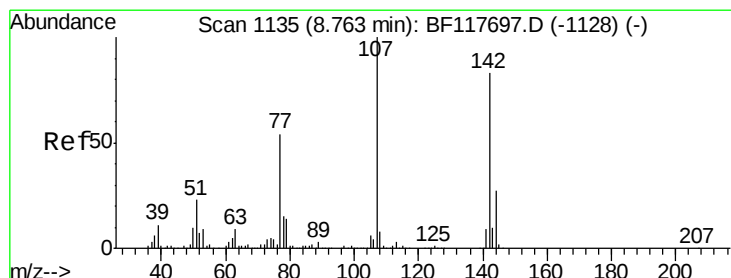
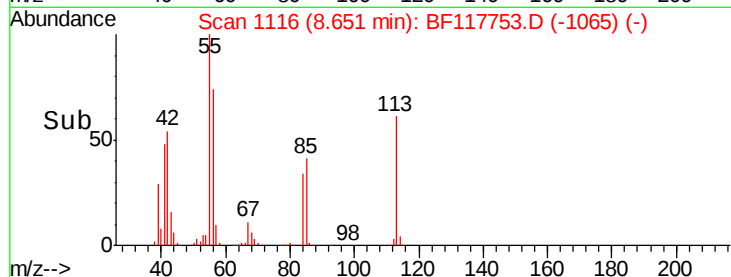
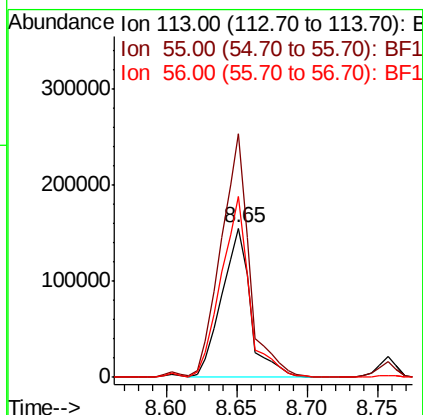
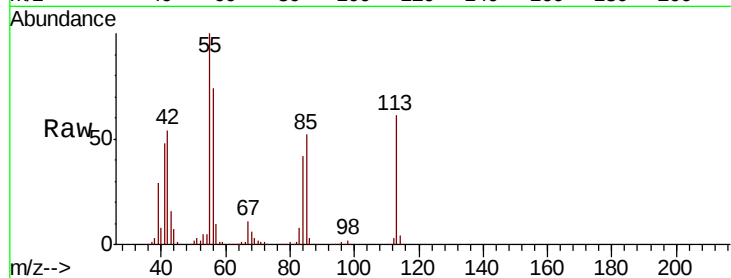




#35
 Caprolactam
 Concen: 41.422 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

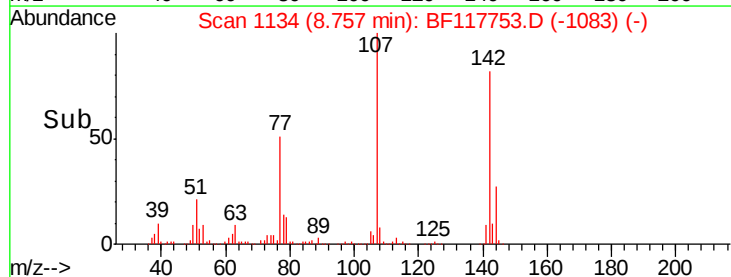
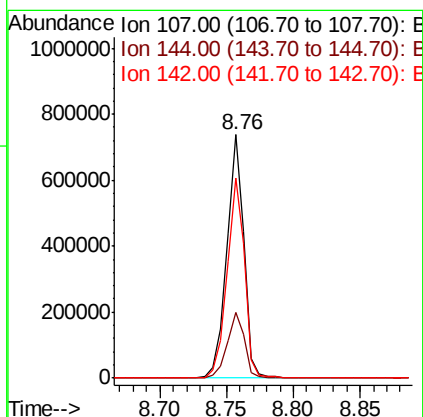
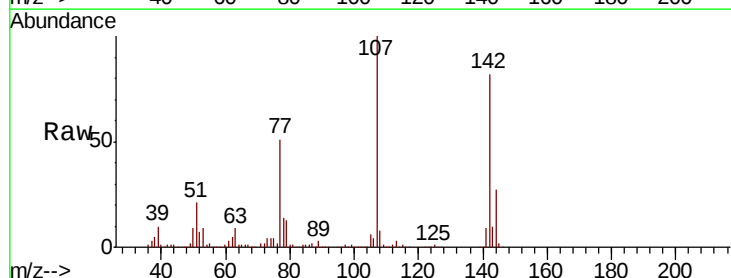
Instrument :
 BNA_F
 ClientSampleId :

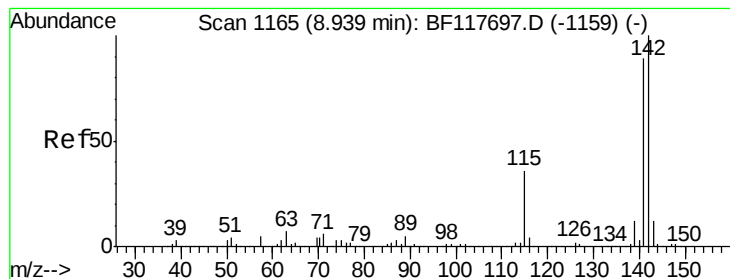
Tot Ion:113 Resp: 221993
 Ion Ratio Lower Upper
 113 100
 55 163.2 143.2 183.2
 56 121.2 101.2 141.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.198 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion:107 Resp: 672190
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.7 32.5
 142 82.4 65.9 98.9





#37

2-Methylnaphthalene

Concen: 41.805 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

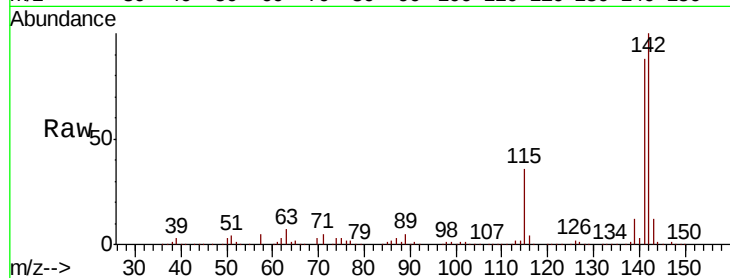
Tot Ion:142 Resp: 1474584

Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.4

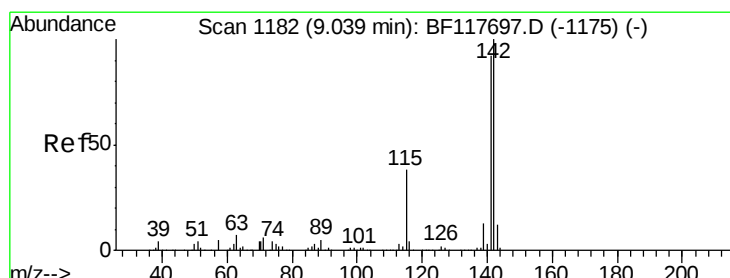
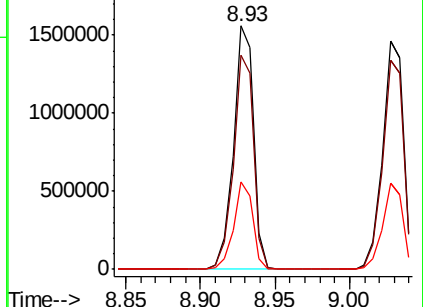
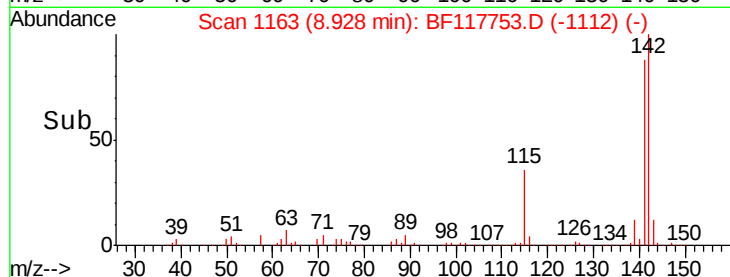
115 36.0 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.418 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

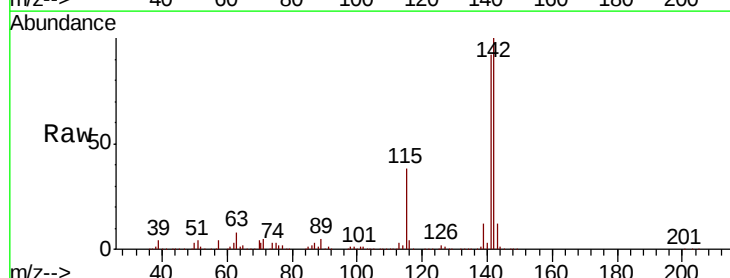
Tgt Ion:142 Resp: 1387360

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

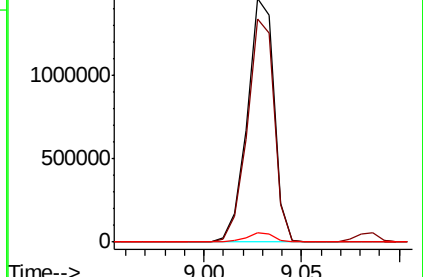
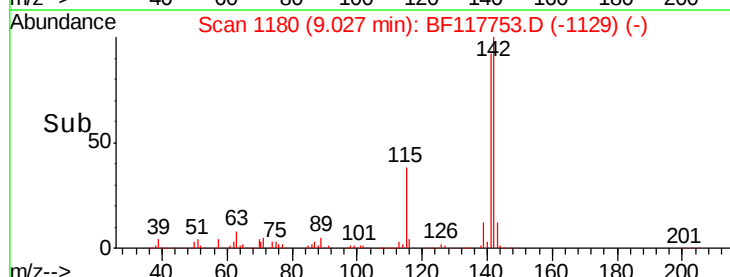
116 4.1 3.3 4.9

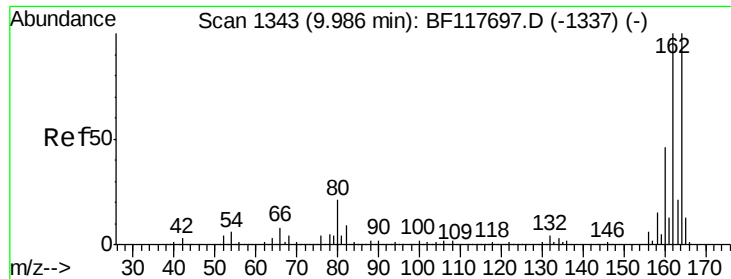


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

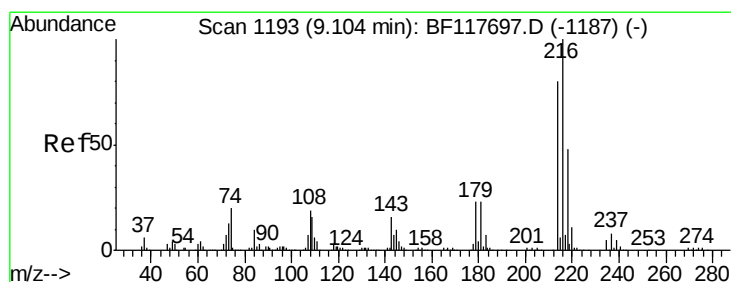
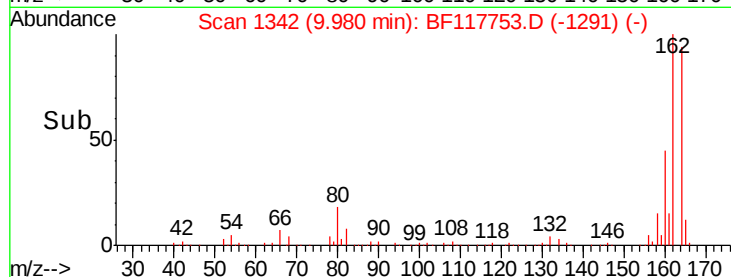
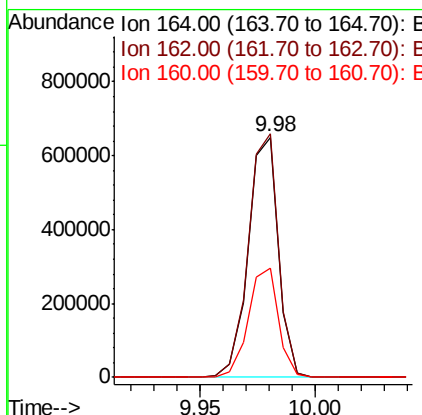
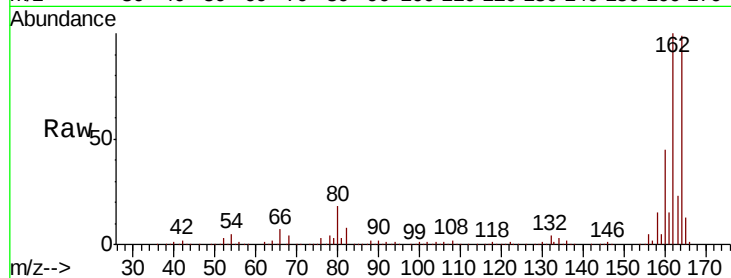




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

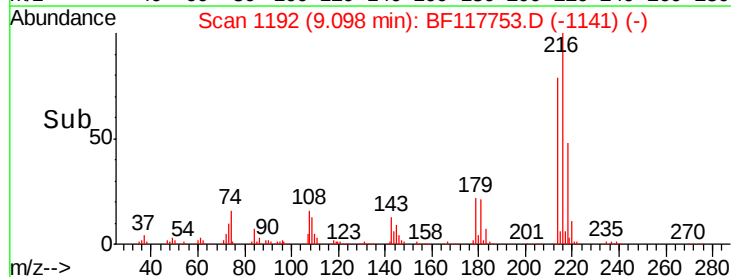
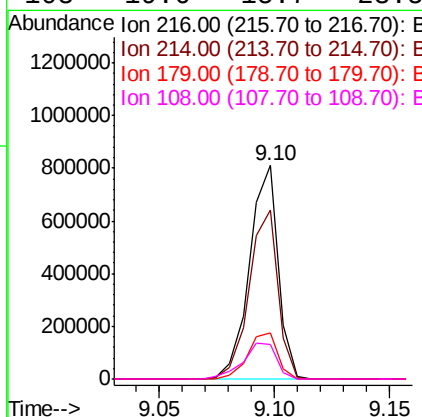
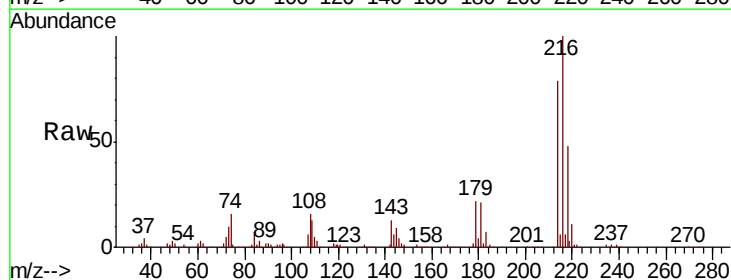
Instrument :
BNA_F
ClientSampleId :

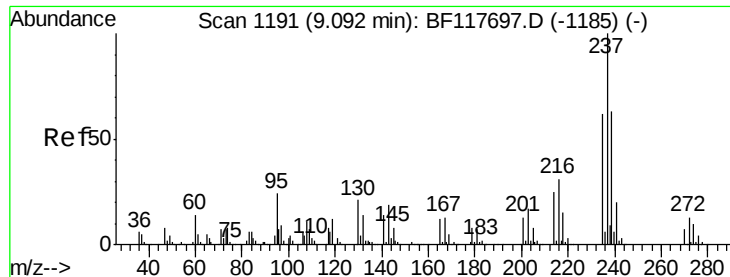
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	45.4	36.3	54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.371 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.0	96.0
179	22.6	18.1	27.1
108	19.6	15.7	23.5

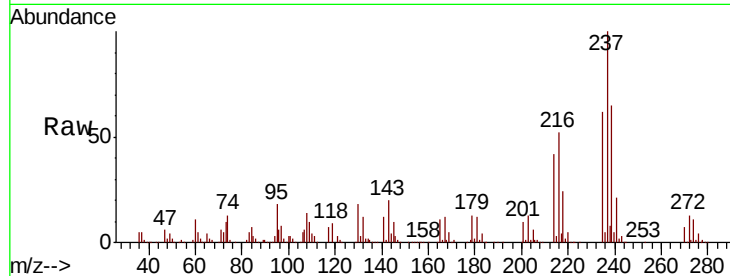




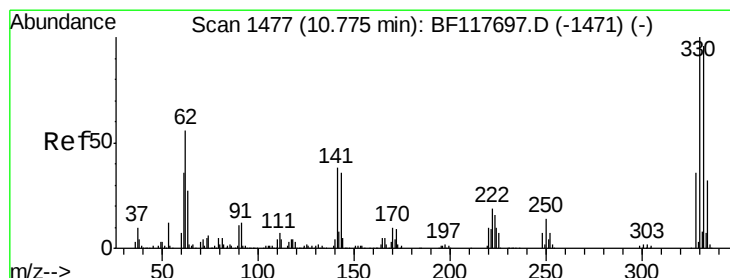
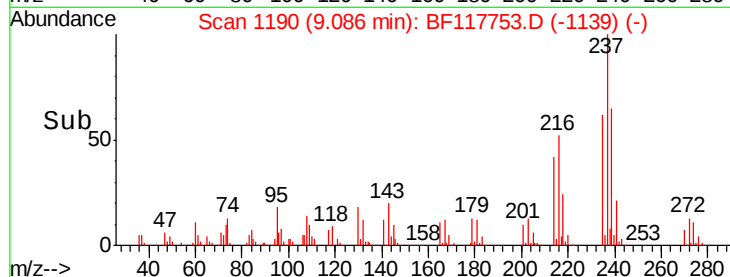
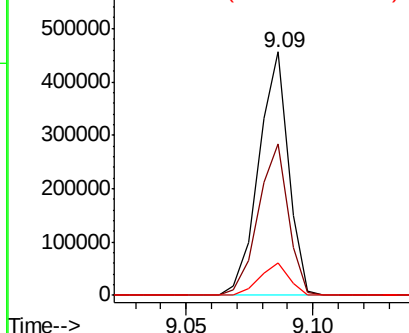
#41
Hexachlorocyclopentadiene
Concen: 42.882 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 375302
Ion Ratio Lower Upper
237 100
235 62.2 42.2 82.2
272 13.4 0.0 33.4

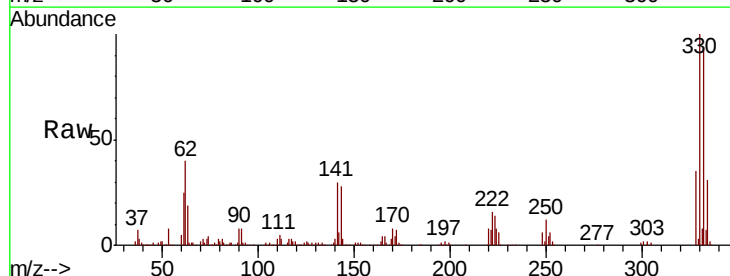


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

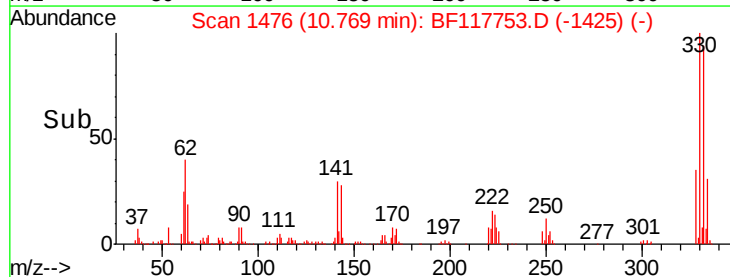
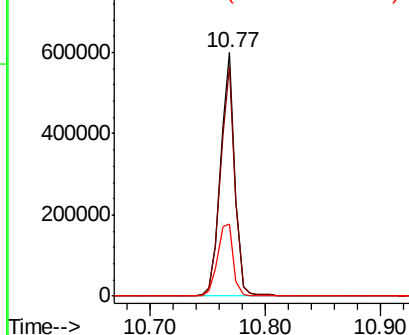


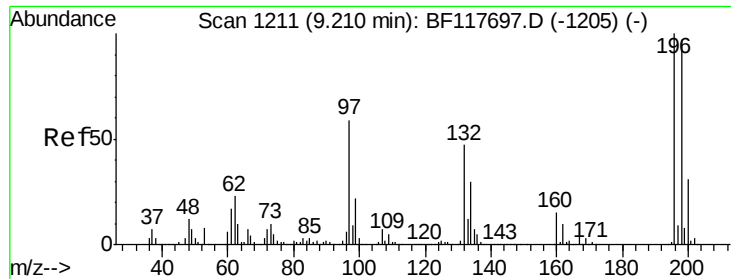
#42
2,4,6-Tribromophenol
Concen: 88.547 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:330 Resp: 513650
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.1 26.5 39.7



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

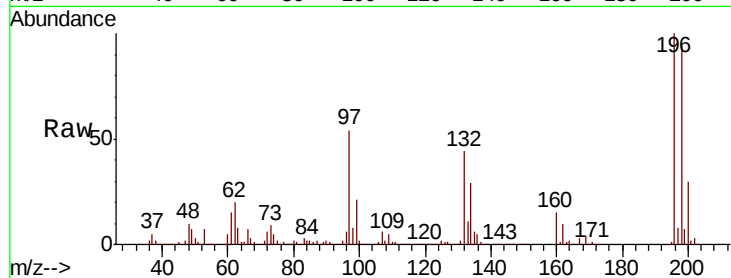




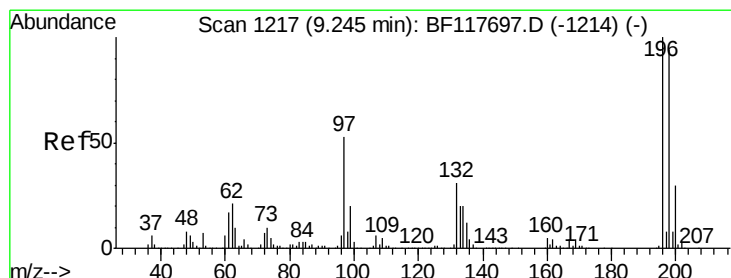
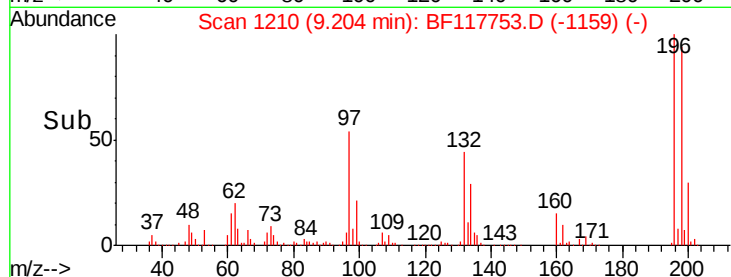
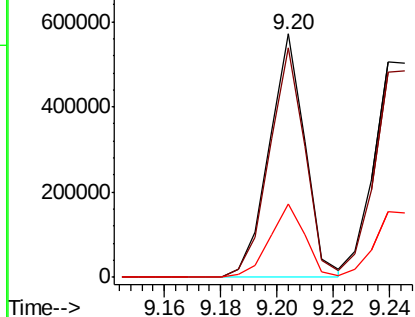
#43
 2,4,6-Trichlorophenol
 Concen: 42.409 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 501082
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 29.9 23.9 35.9

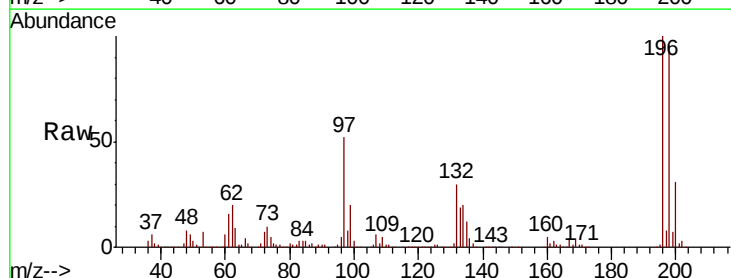


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

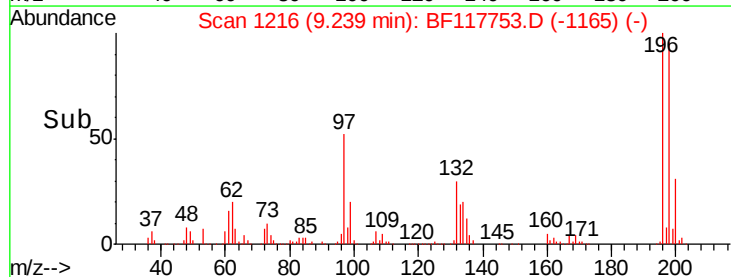
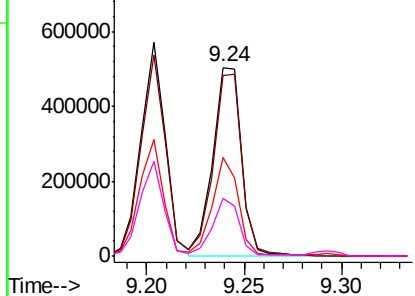


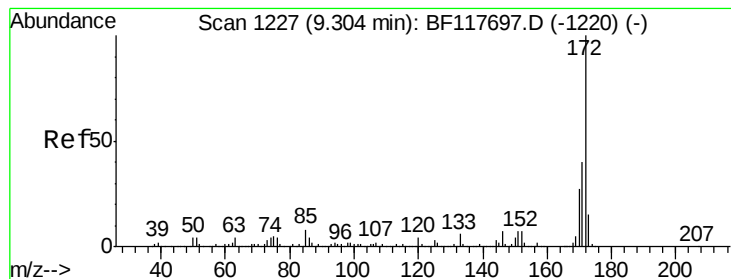
#44
 2,4,5-Trichlorophenol
 Concen: 42.938 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion:196 Resp: 514244
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.4 114.6
 97 52.3 41.8 62.8
 132 30.4 24.3 36.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 92.581 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

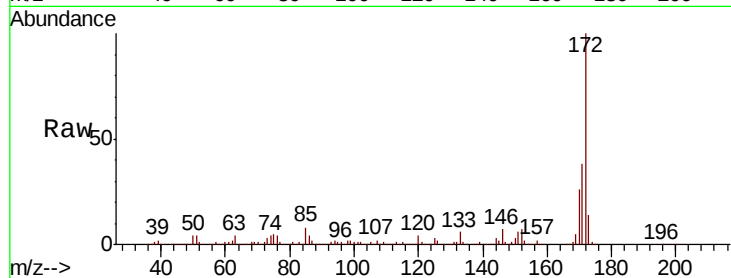
Tot Ion:172 Resp: 2782582

Ion Ratio Lower Upper

172 100

171 38.4 30.7 46.1

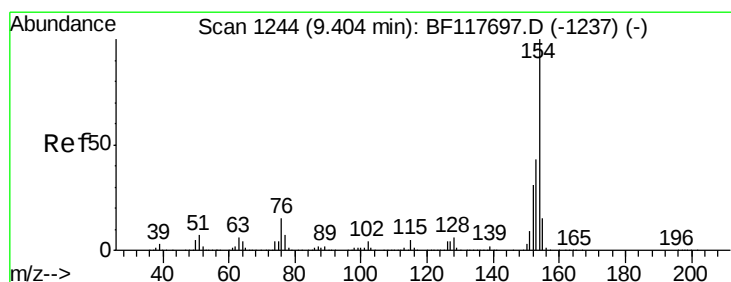
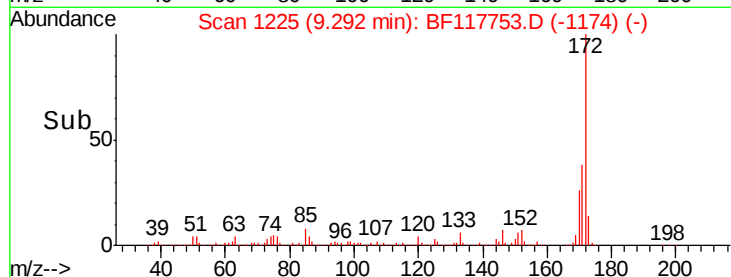
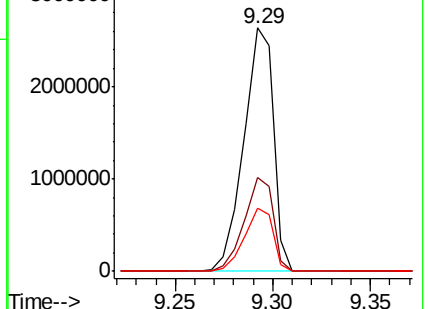
170 25.7 20.6 30.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.269 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

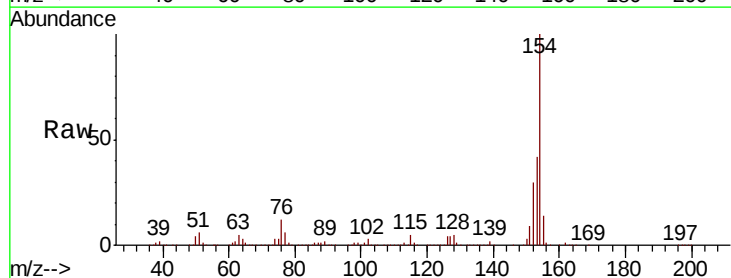
Tgt Ion:154 Resp: 1797008

Ion Ratio Lower Upper

154 100

153 41.6 21.6 61.6

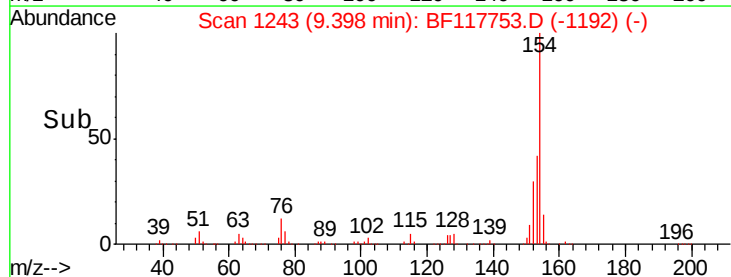
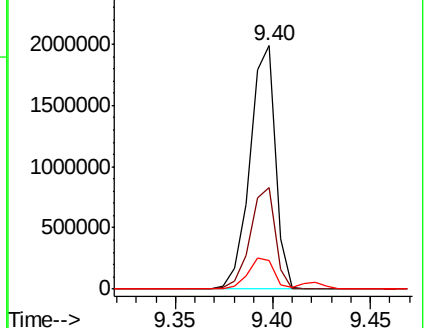
76 12.0 0.0 32.0

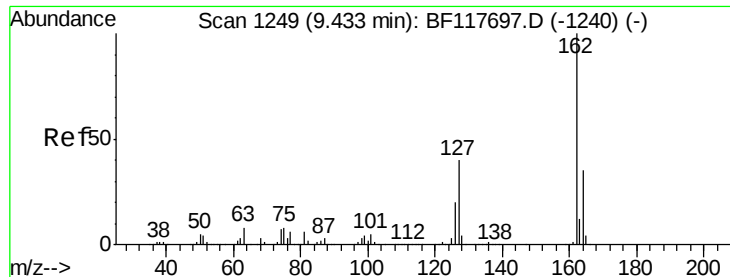


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.148 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampled :

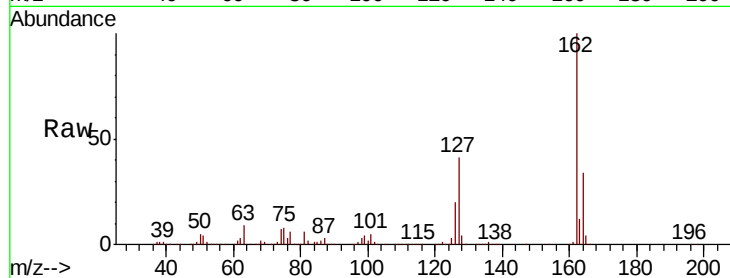
Tot Ion:162 Resp: 1487106

Ion Ratio Lower Upper

162 100

127 41.3 33.0 49.6

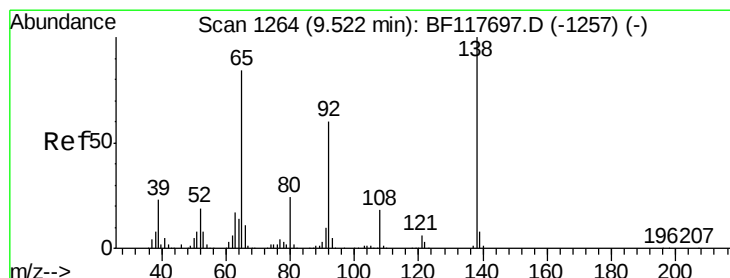
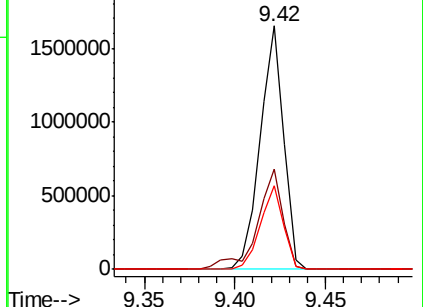
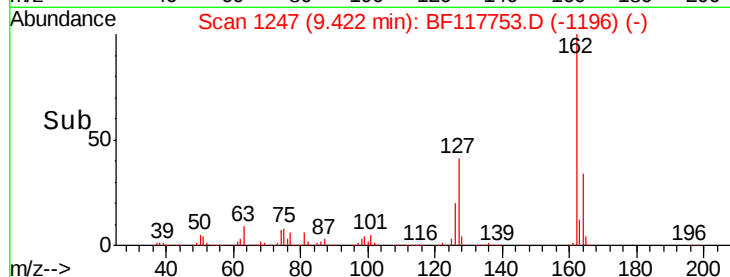
164 34.2 27.4 41.0



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: 41.811 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

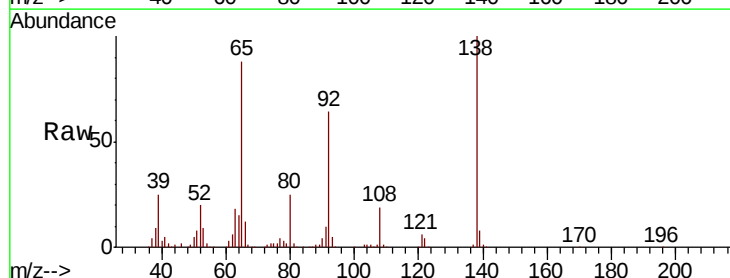
Tgt Ion: 65 Resp: 451588

Ion Ratio Lower Upper

65 100

92 72.4 57.9 86.9

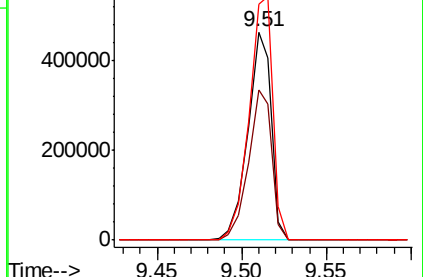
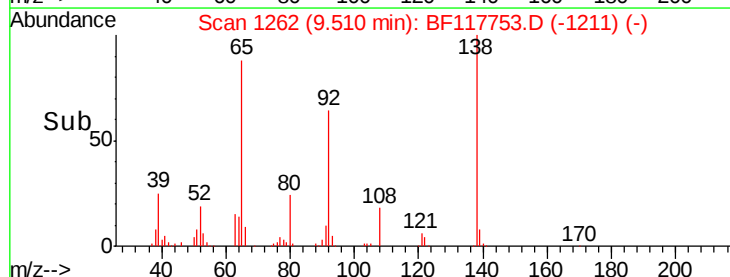
138 113.4 90.7 136.1

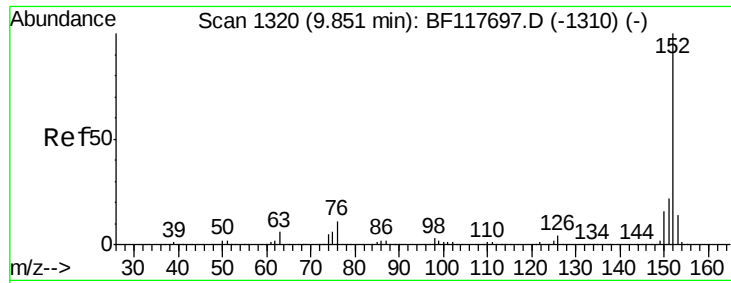


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.161 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

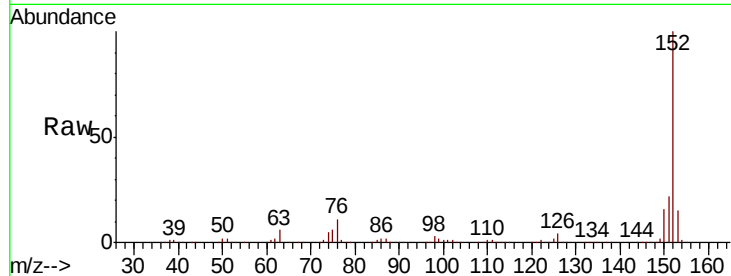
Tot Ion:152 Resp: 2166331

Ion Ratio Lower Upper

152 100

151 21.9 17.5 26.3

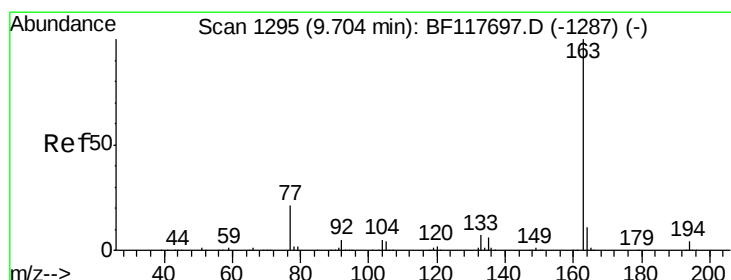
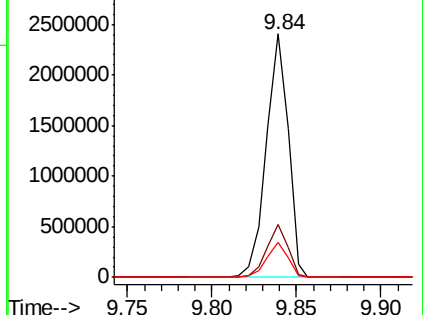
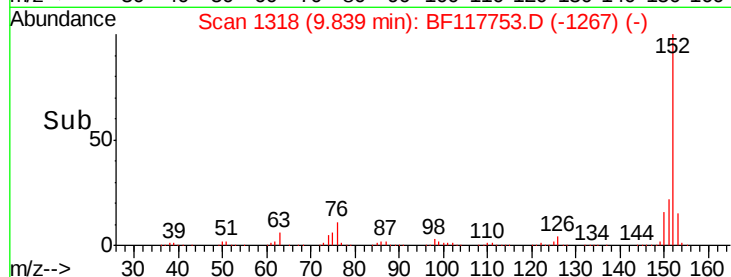
153 14.6 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.855 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

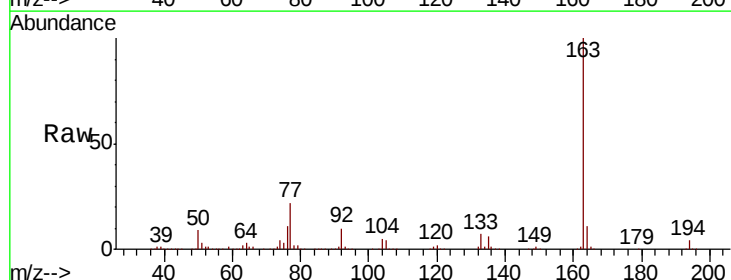
Tgt Ion:163 Resp: 1677909

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

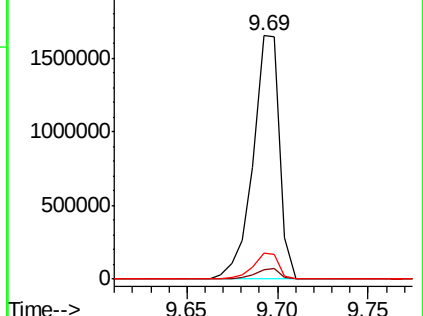
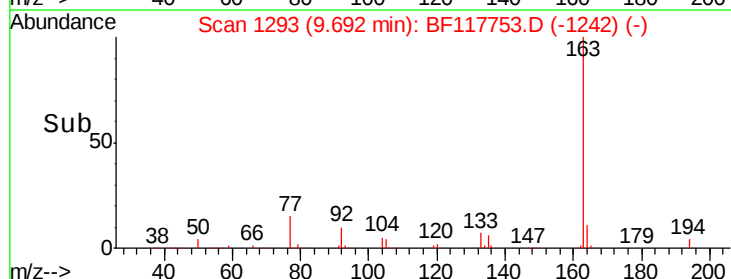
164 10.8 8.6 13.0

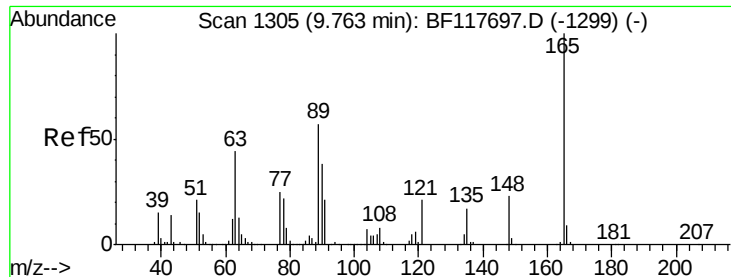


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

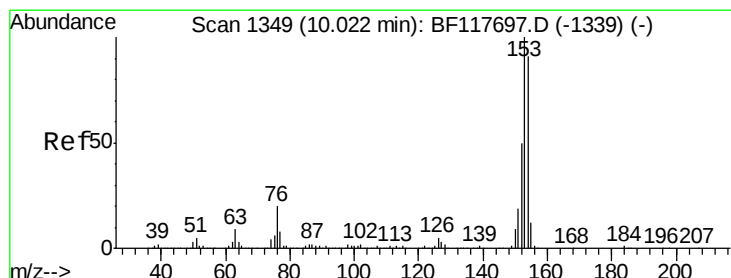
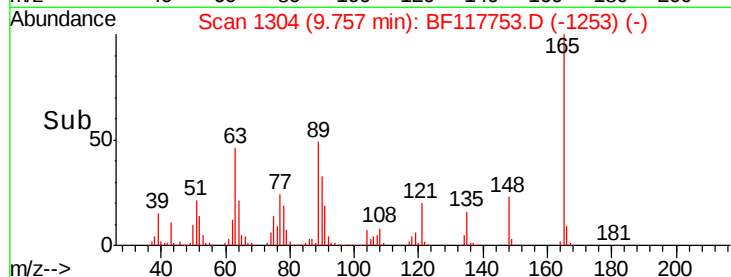
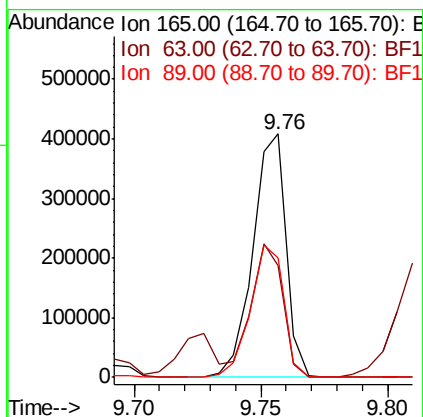
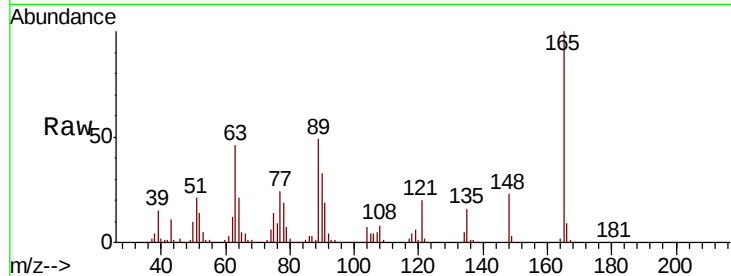




#51
 2,6-Dinitrotoluene
 Concen: 41.397 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

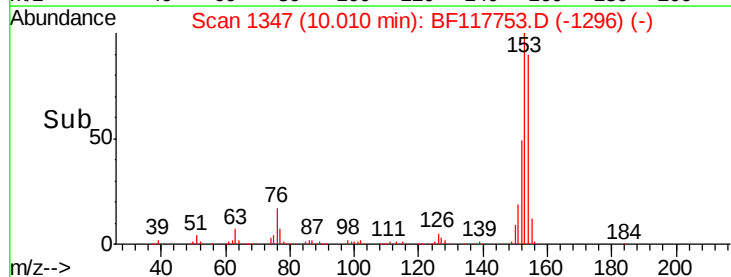
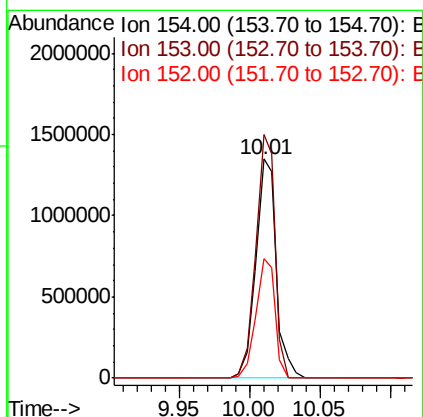
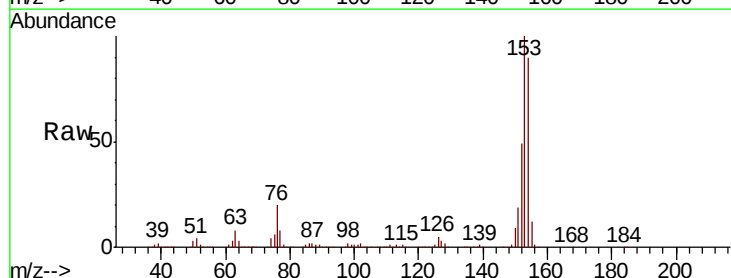
Instrument :
 BNA_F
 ClientSampled :

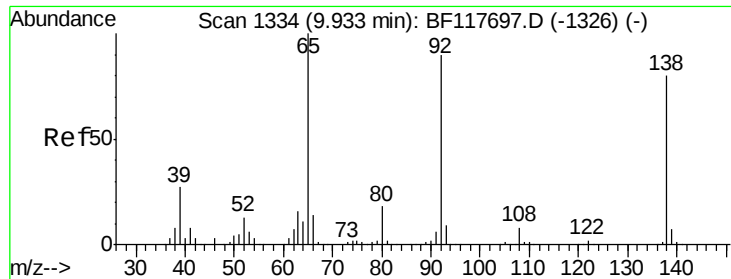
Tot Ion:165 Resp: 371609
 Ion Ratio Lower Upper
 165 100
 63 45.8 36.6 55.0
 89 49.0 39.2 58.8



#52
 Acenaphthene
 Concen: 42.604 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion:154 Resp: 1379868
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.0 133.6
 152 54.8 43.8 65.8

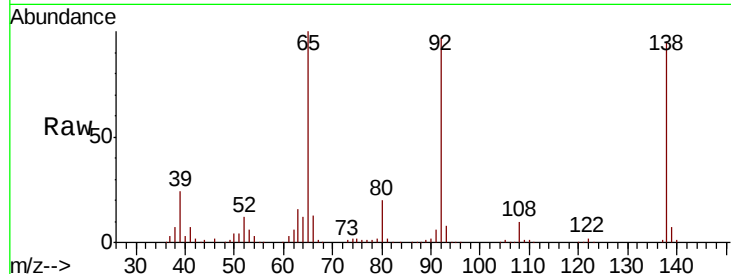




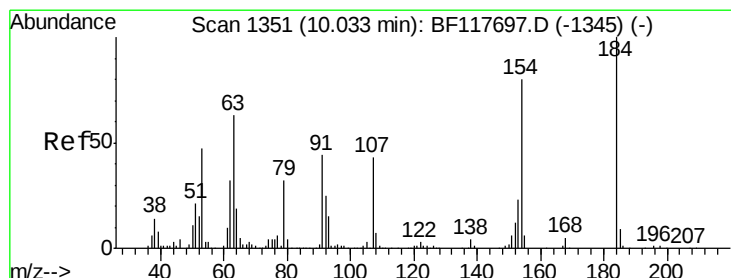
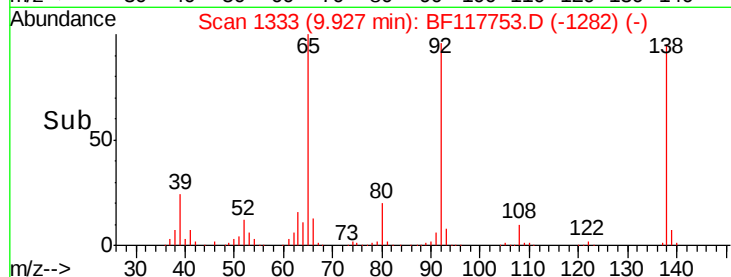
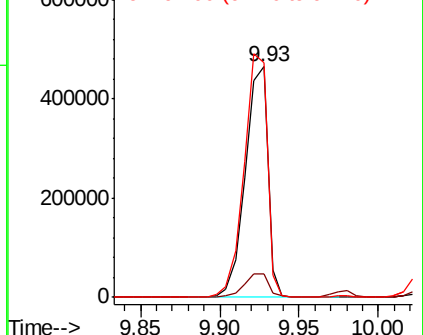
#53
3-Nitroaniline
Concen: 42.249 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 457555
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 101.9 81.5 122.3

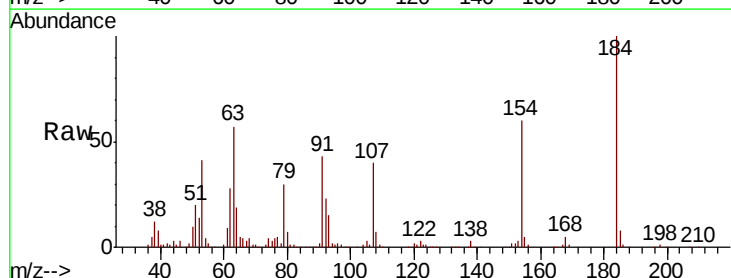


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

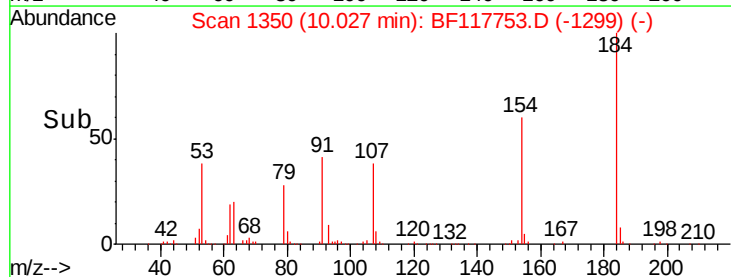
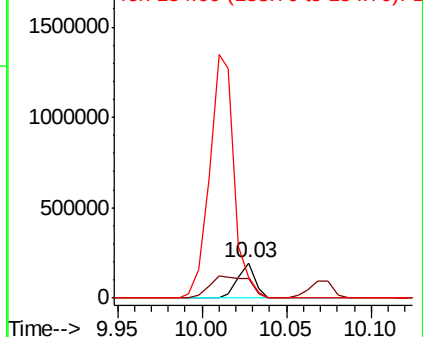


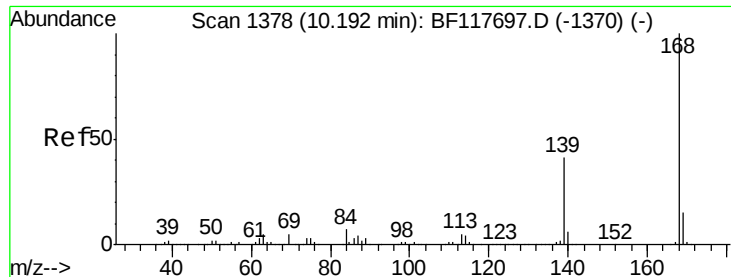
#54
2,4-Dinitrophenol
Concen: 46.947 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:184 Resp: 144481
Ion Ratio Lower Upper
184 100
63 57.3 45.8 68.8
154 60.5 48.4 72.6



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

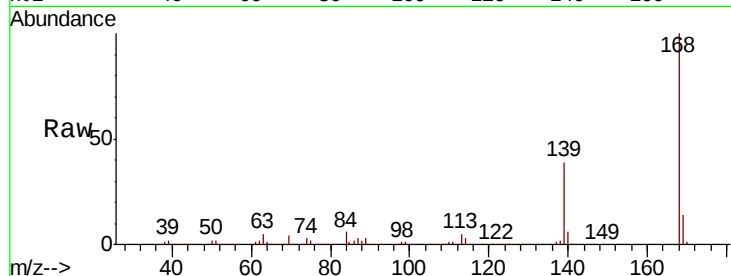




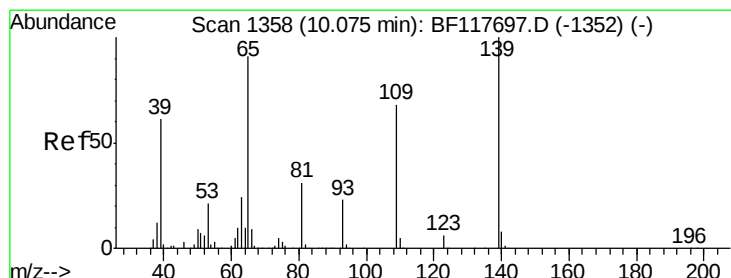
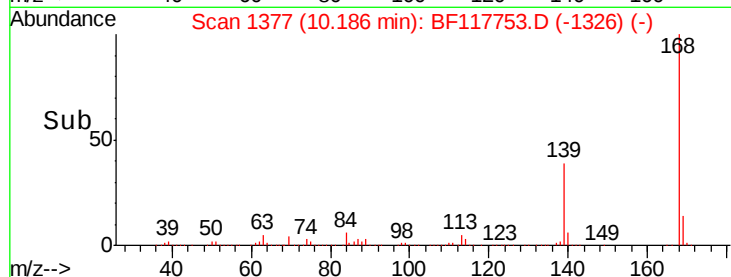
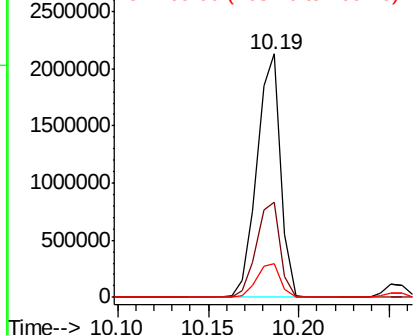
#55
Dibenzenofuran
Concen: 42.787 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1939129
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.2
169 13.9 11.1 16.7

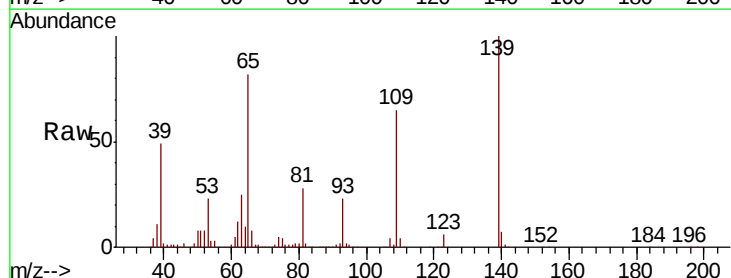


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

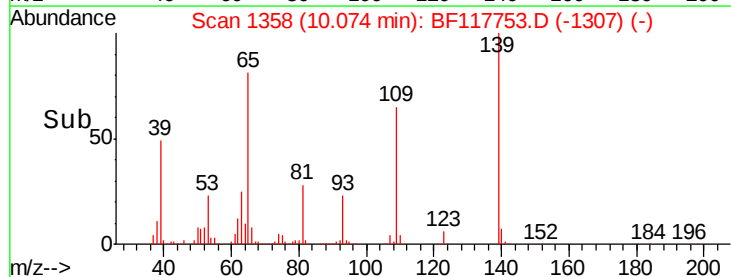
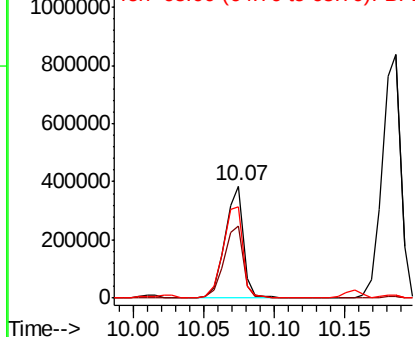


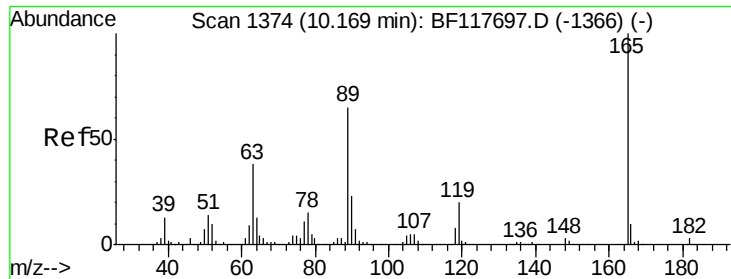
#56
4-Nitrophenol
Concen: 43.026 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:139 Resp: 350431
Ion Ratio Lower Upper
139 100
109 65.1 45.1 85.1
65 81.7 61.7 101.7



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

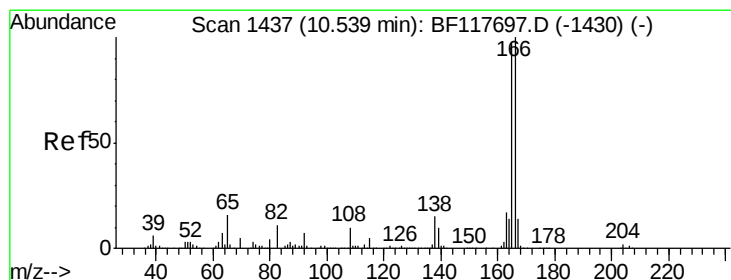
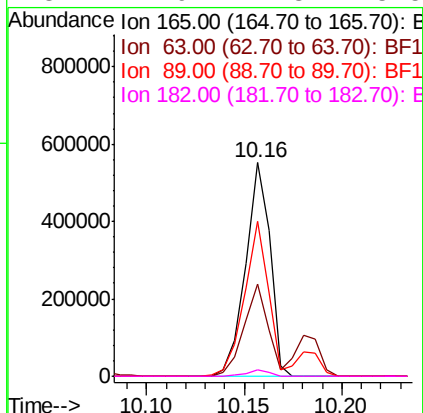
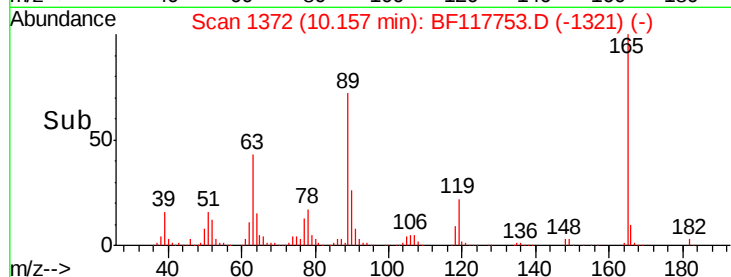
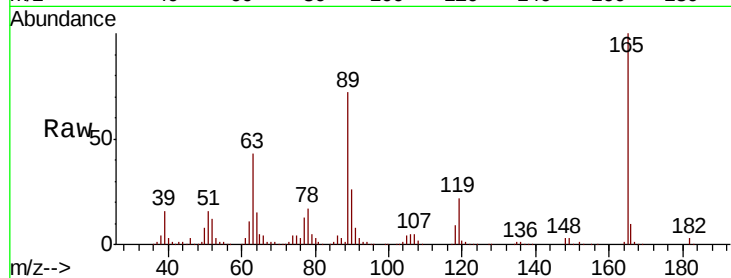




#57
2,4-Dinitrotoluene
Concen: 41.635 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

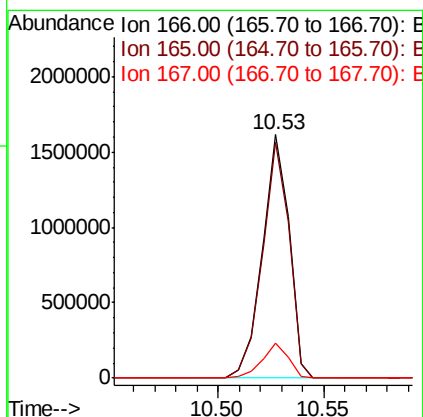
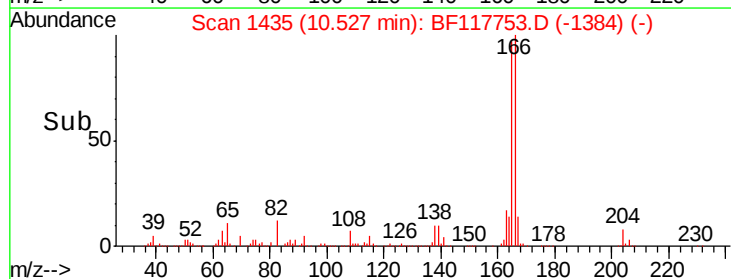
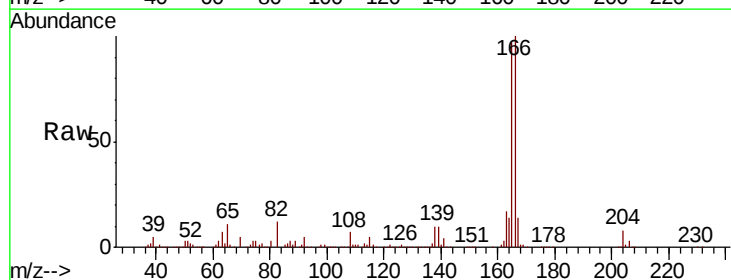
Instrument :
BNA_F
ClientSampleId :

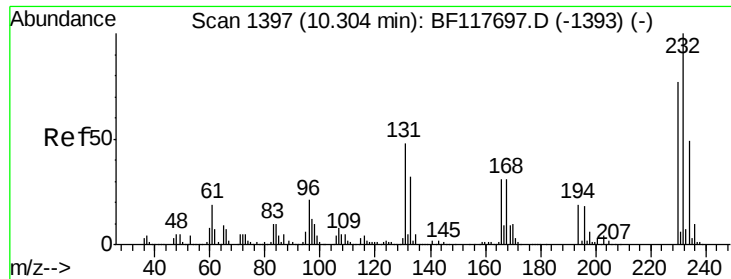
Tot Ion:165	Resp:	479445
Ion	Ratio	Lower Upper
165	100	
63	43.0	34.4 51.6
89	72.3	57.8 86.8
182	2.9	2.3 3.5



#58
Fluorene
Concen: 42.883 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:166	Resp:	1432371
Ion	Ratio	Lower Upper
166	100	
165	96.9	77.5 116.3
167	14.1	11.3 16.9

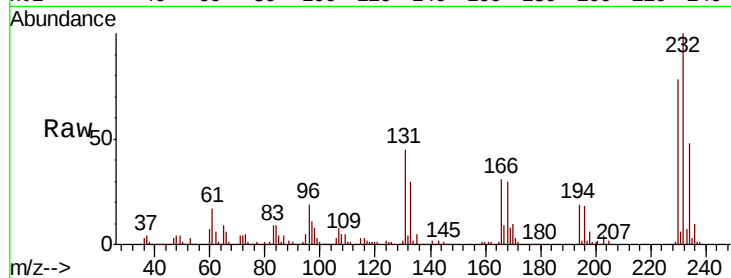




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.393 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.2	54.4
130	2.3	1.8	2.8
166	30.1	24.1	36.1



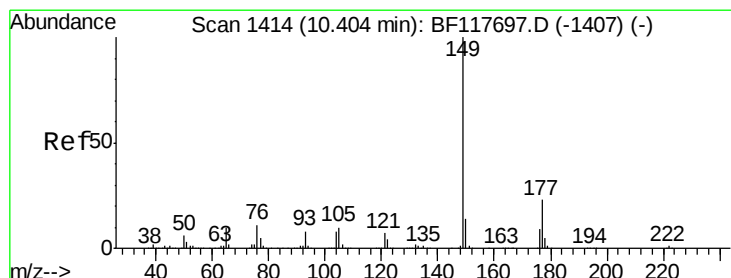
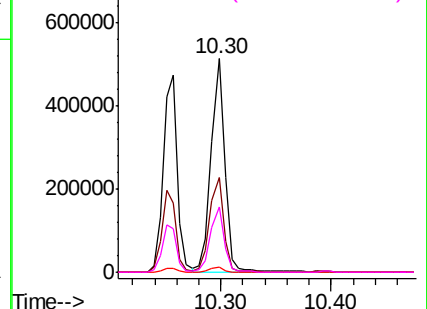
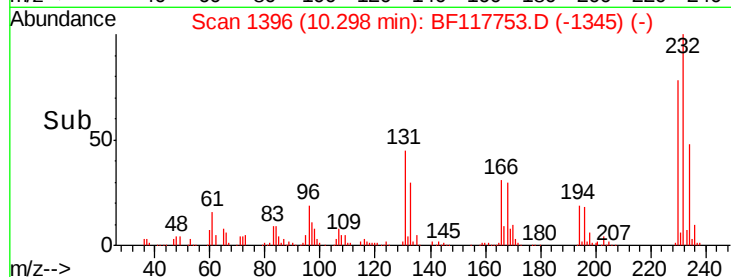
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

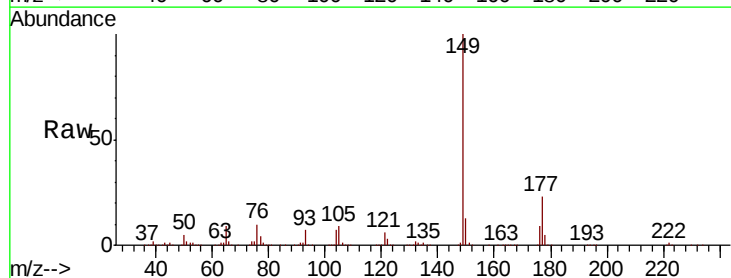
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.868 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.7	28.1
150	12.7	10.2	15.2

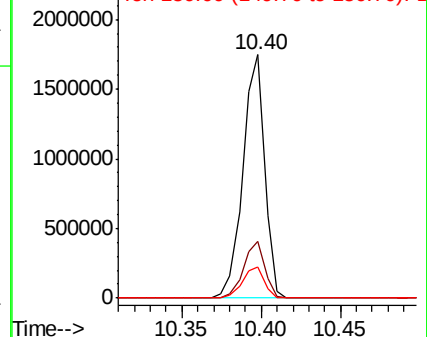
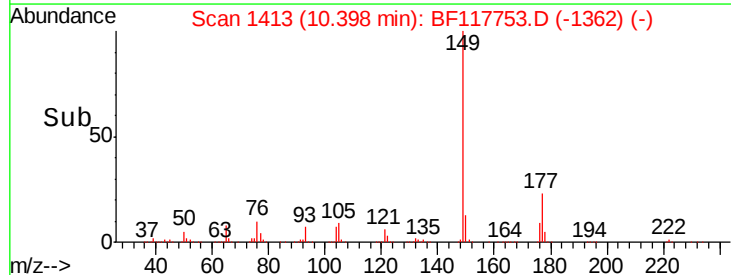


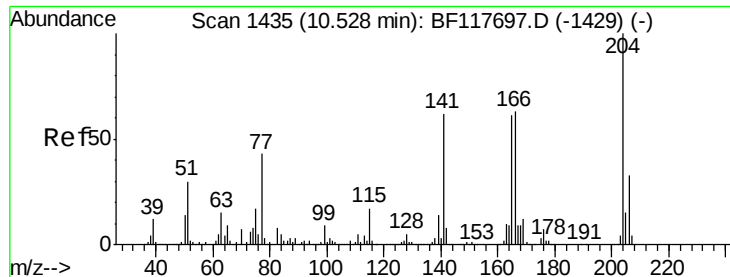
Abundance

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

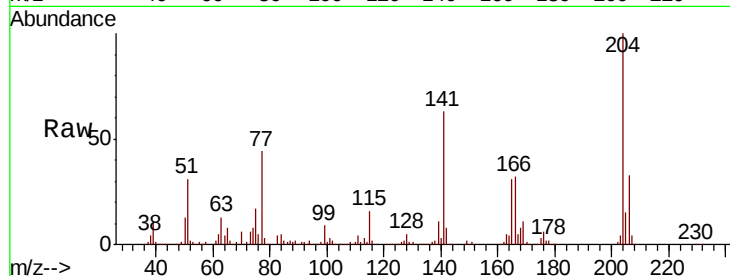




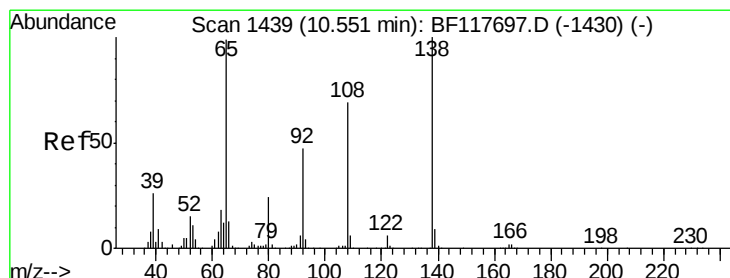
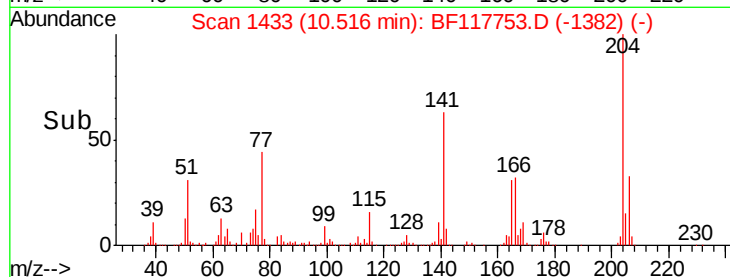
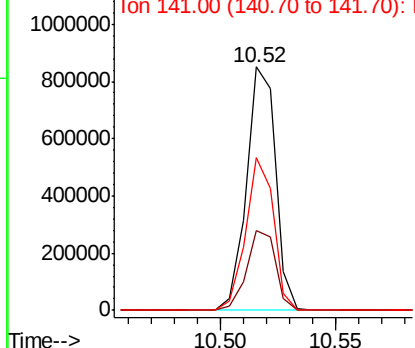
#61
4-Chlorophenyl-phenylether
Concen: 43.235 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 751753
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 63.0 50.4 75.6

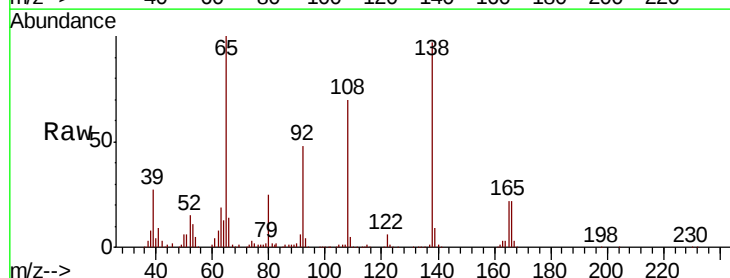


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

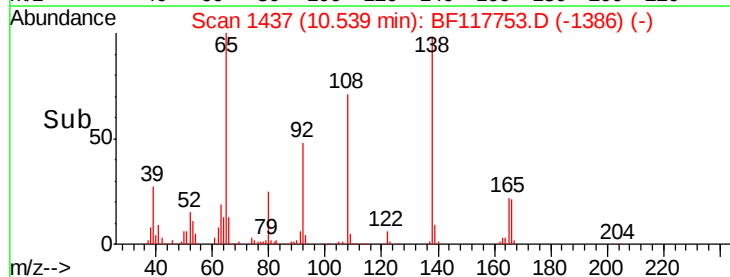
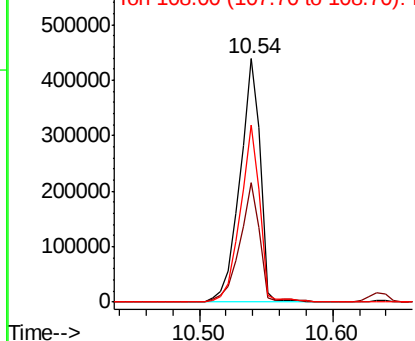


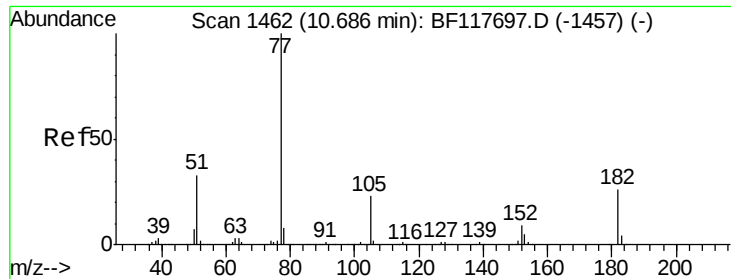
#62
4-Nitroaniline
Concen: 43.526 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:138 Resp: 463963
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 72.7 52.7 92.7



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

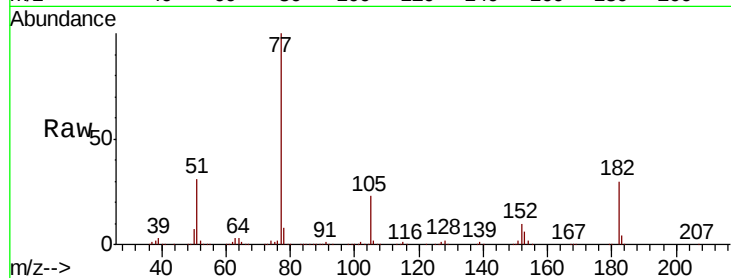




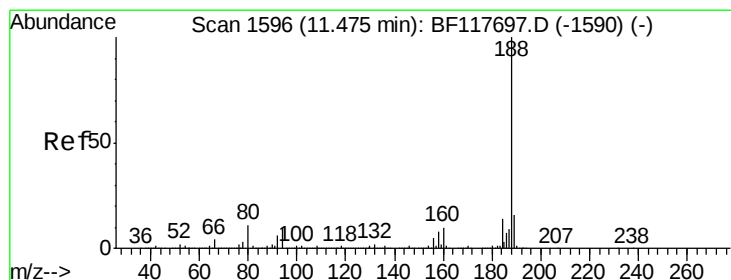
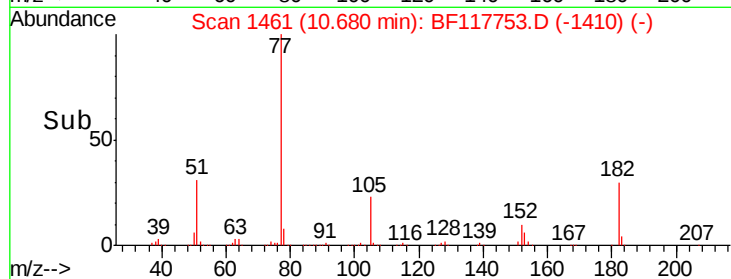
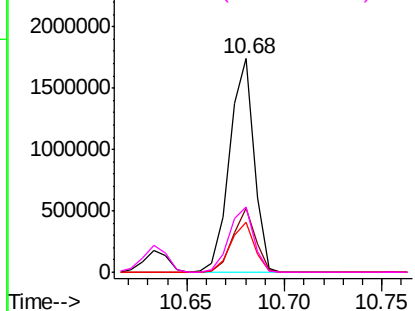
#63
Azobenzene
Concen: 40.573 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1515036
Ion Ratio Lower Upper
77 100
182 29.8 9.8 49.8
105 23.3 3.3 43.3
51 30.7 10.7 50.7

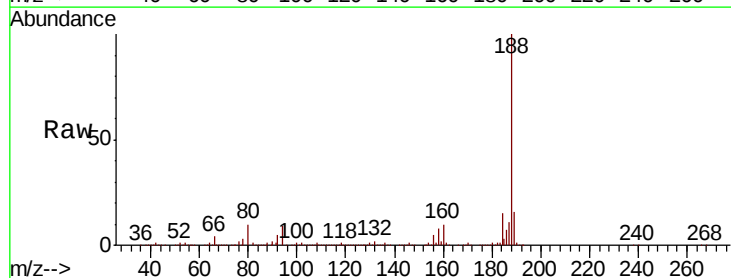


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

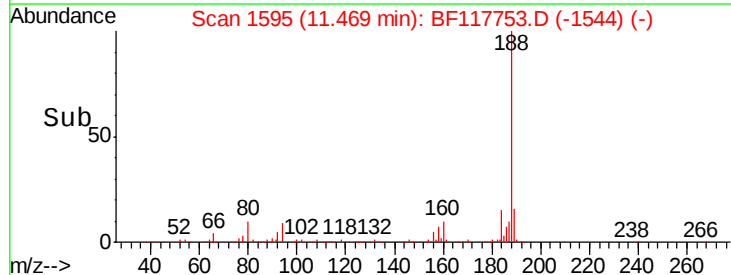
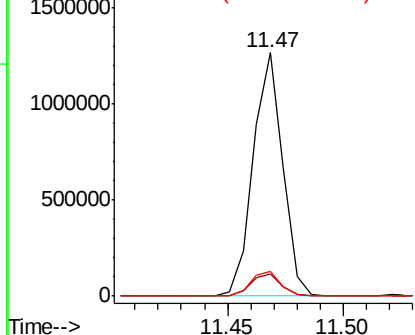


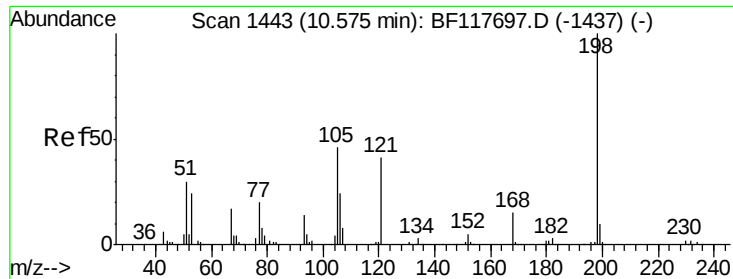
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion: 188 Resp: 1125554
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.1 8.1 12.1



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

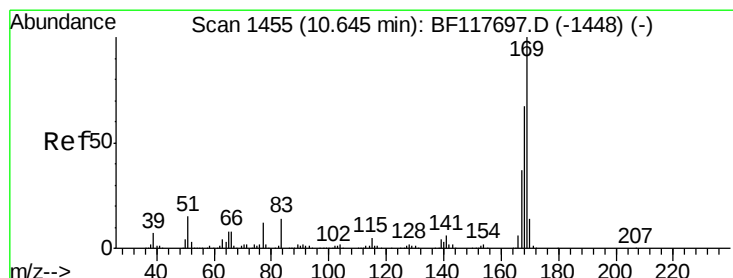
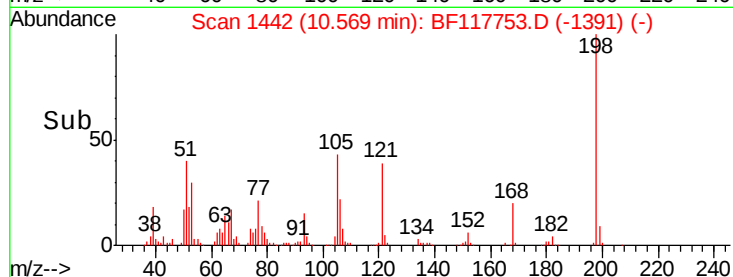
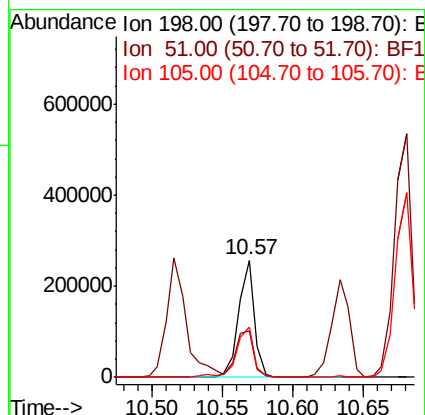
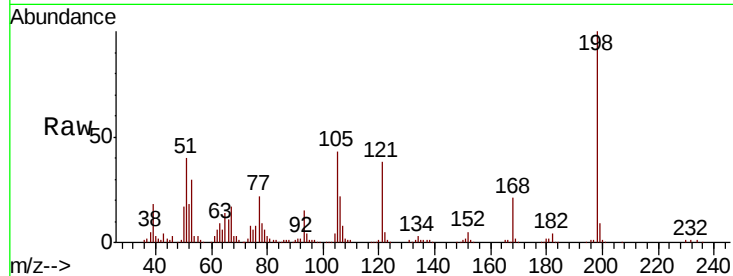




#65
4,6-Dinitro-2-methylphenol
Concen: 44.503 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

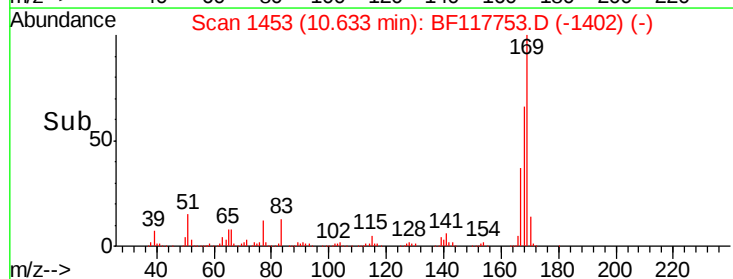
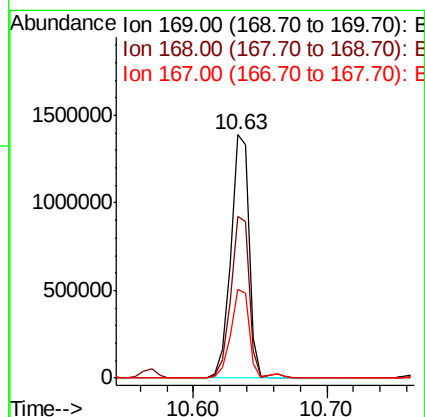
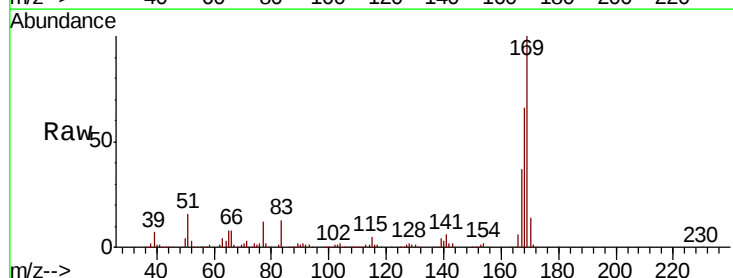
Instrument :
BNA_F
ClientSampleId :

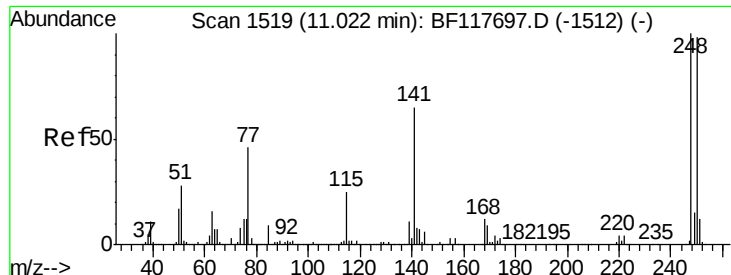
Tot Ion:198 Resp: 200014
Ion Ratio Lower Upper
198 100
51 39.9 19.9 59.9
105 42.6 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 40.479 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:169 Resp: 1345672
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.6 29.3 43.9

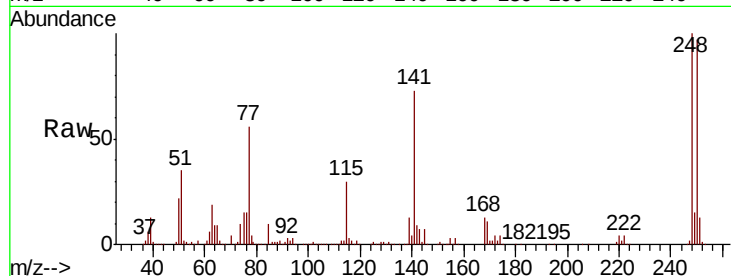




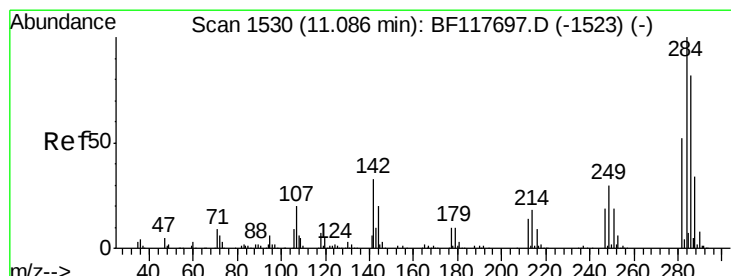
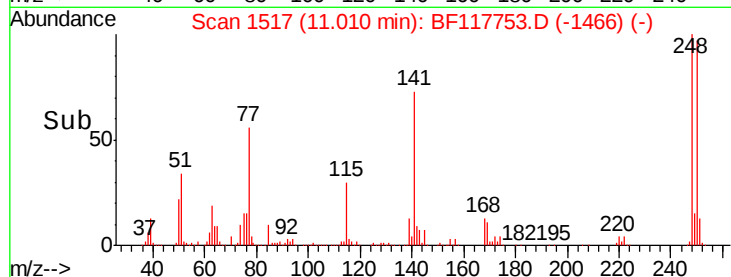
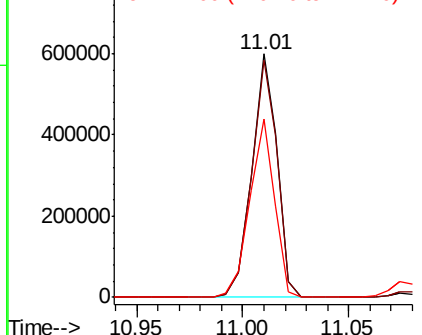
#67
 4-Bromophenyl-phenylether
 Concen: 40.556 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 498534
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.8 116.6
 141 73.3 58.6 88.0

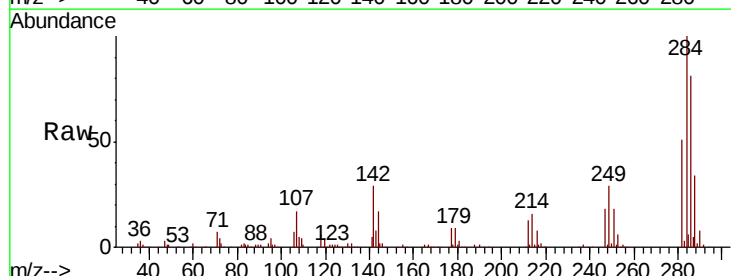


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

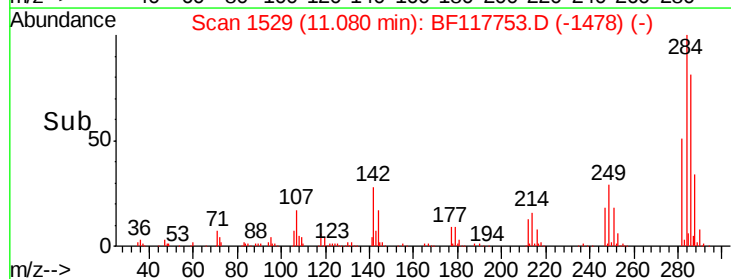
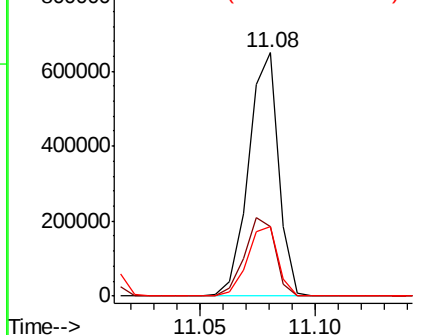


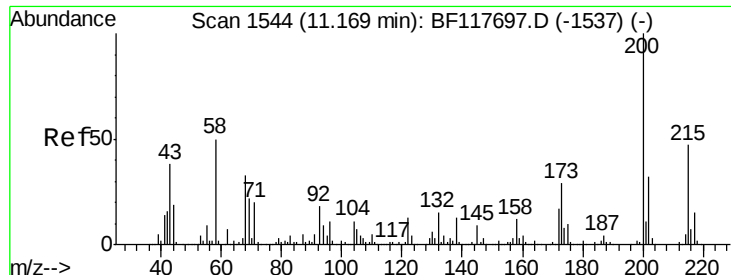
#68
 Hexachlorobenzene
 Concen: 41.546 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion:284 Resp: 589957
 Ion Ratio Lower Upper
 284 100
 142 28.5 22.8 34.2
 249 28.8 23.0 34.6



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

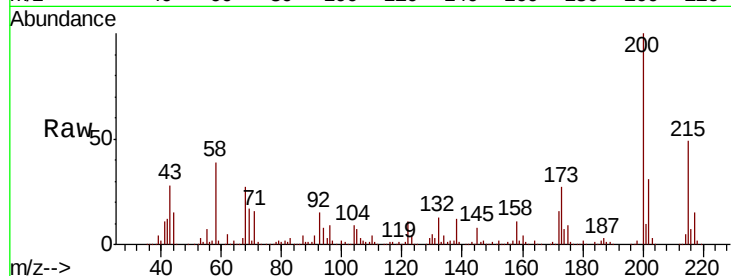




#69
 Atrazine
 Concen: 37.121 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.6	28.6	68.6

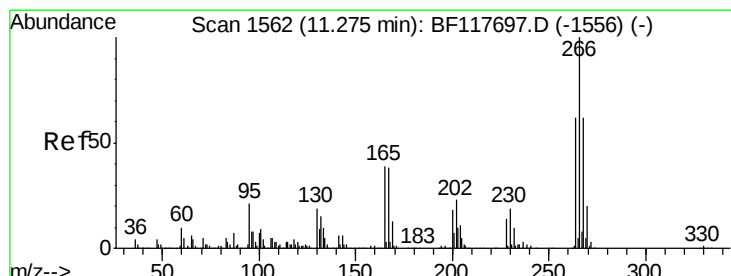
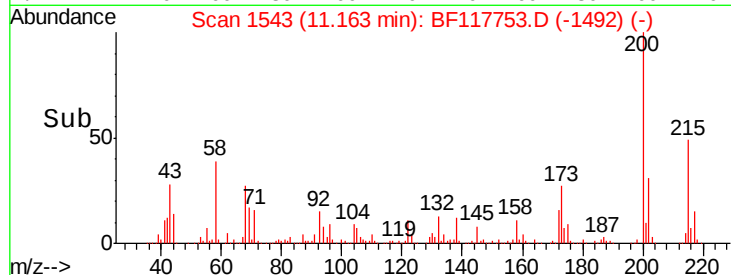
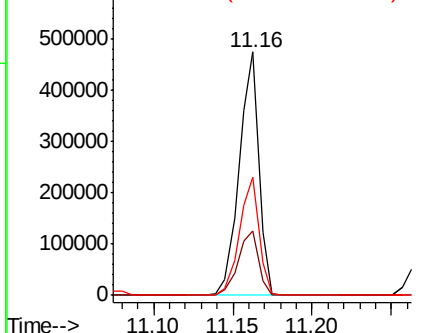


Abundance

Ion 200.00 (199.70 to 200.70): E

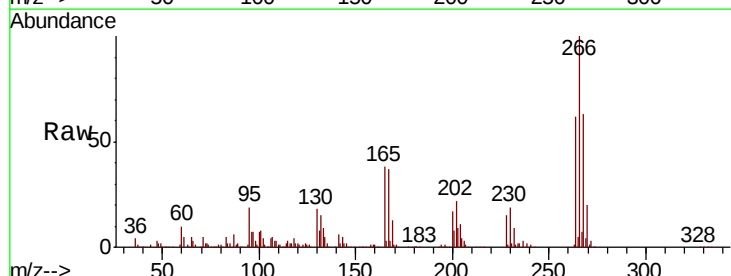
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 43.016 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.1	75.1
264	62.2	49.8	74.6

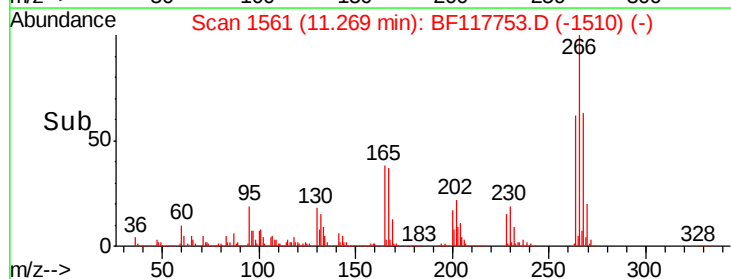
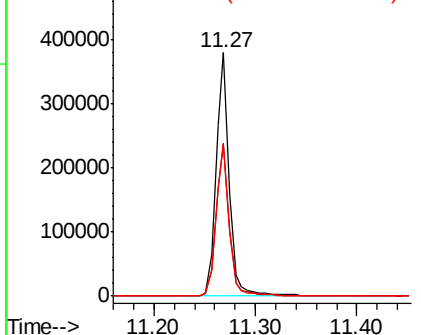


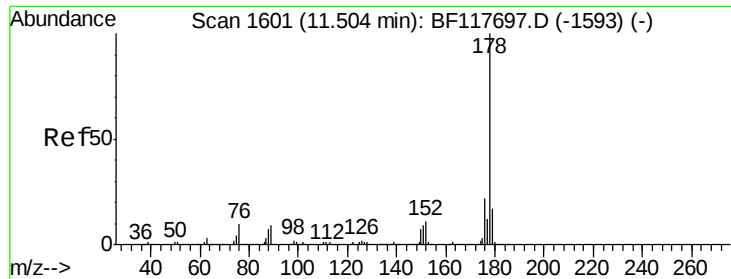
Abundance

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

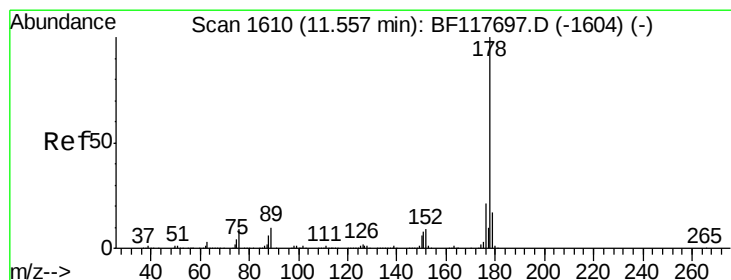
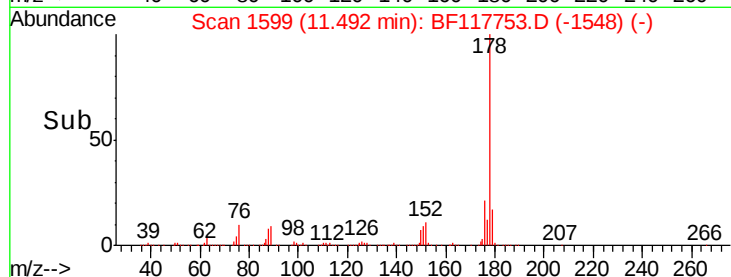
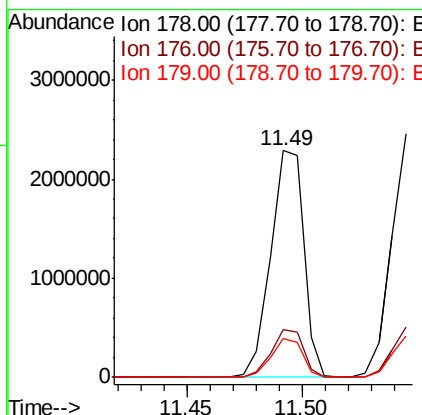
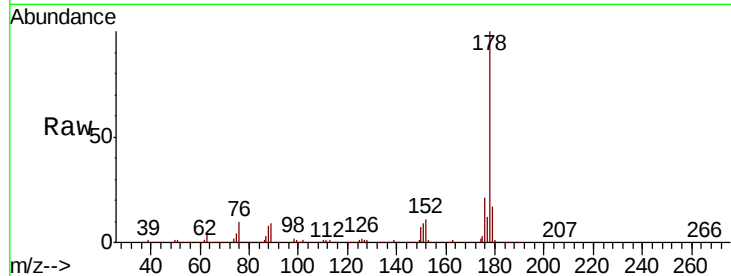




#71
Phenanthrene
Concen: 42.214 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

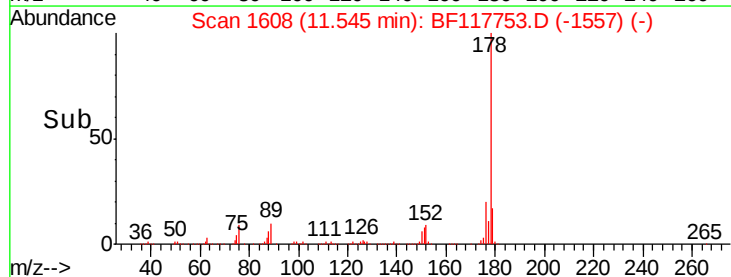
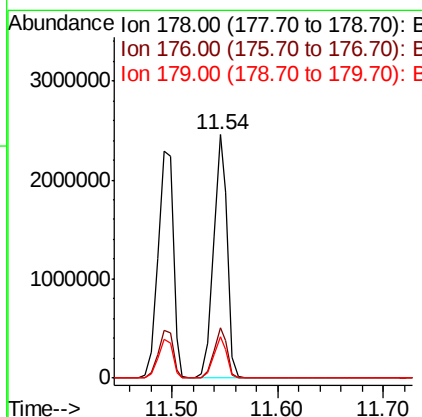
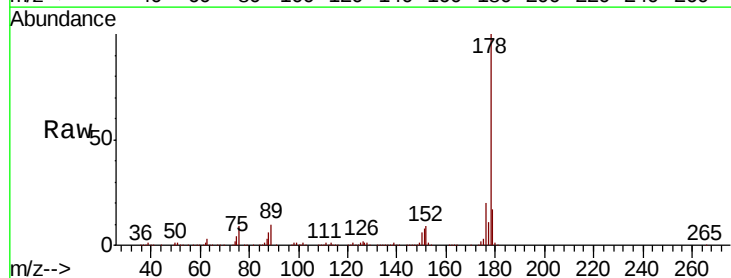
Instrument :
BNA_F
ClientSampleId :

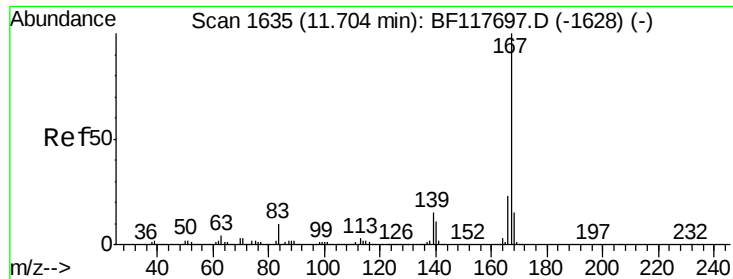
Tot Ion:178 Resp: 2277425
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.9 13.5 20.3



#72
Anthracene
Concen: 42.136 ng
RT: 11.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:178 Resp: 2261600
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 17.0 13.6 20.4



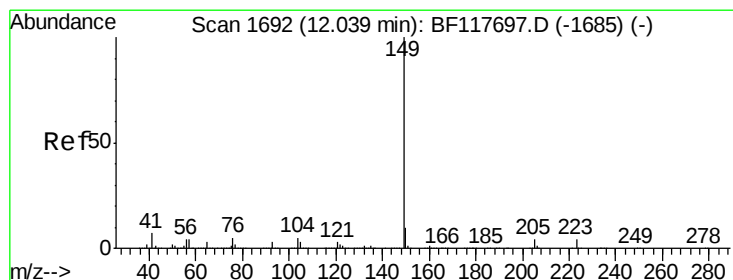
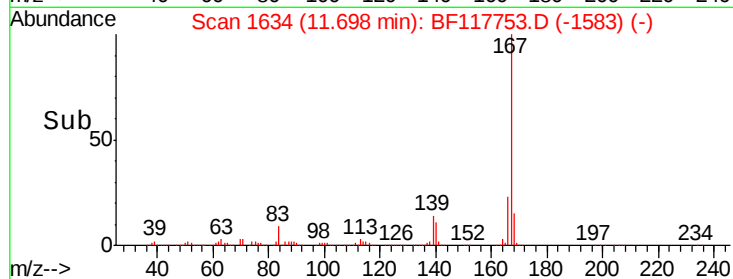
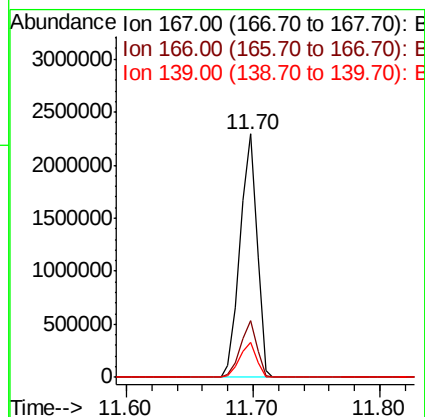
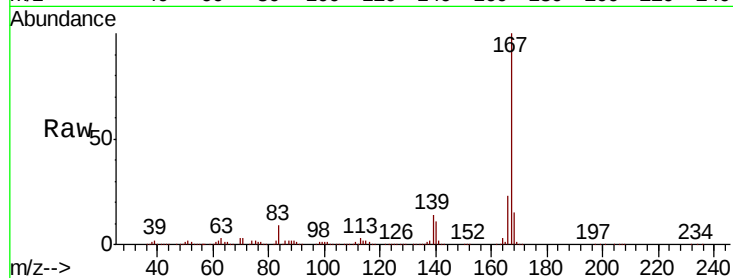


#73
 Carbazole
 Concen: 42.994 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2109548

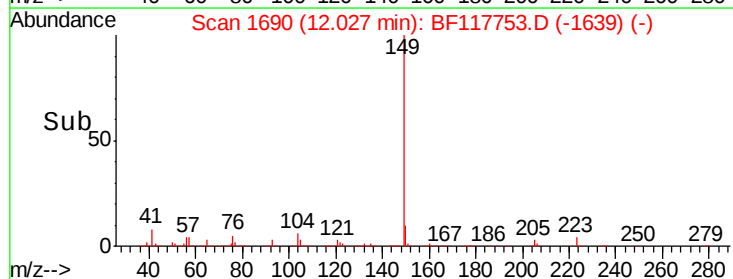
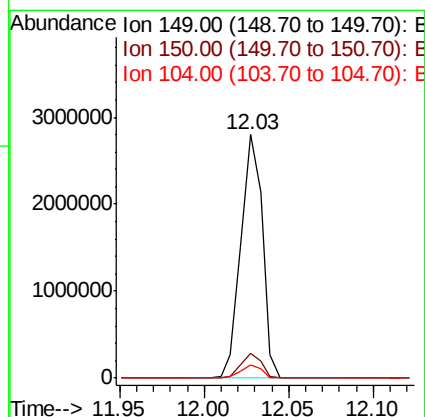
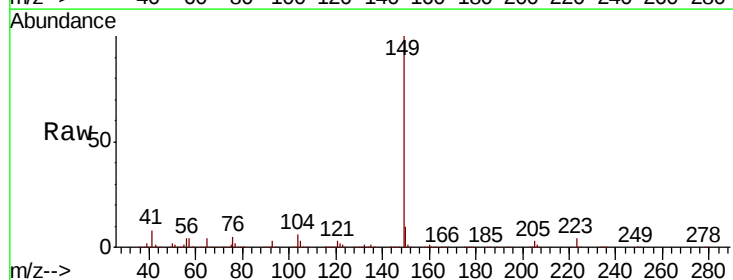
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	27.8
139	14.5	11.6	17.4

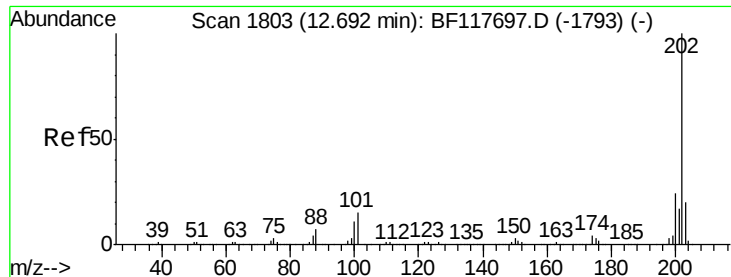


#74
 Di-n-butylphthalate
 Concen: 41.471 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF117753.D
 Acq: 12 Nov 2019 11:00

Tgt Ion:149 Resp: 2474304

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.4
104	5.5	4.4	6.6

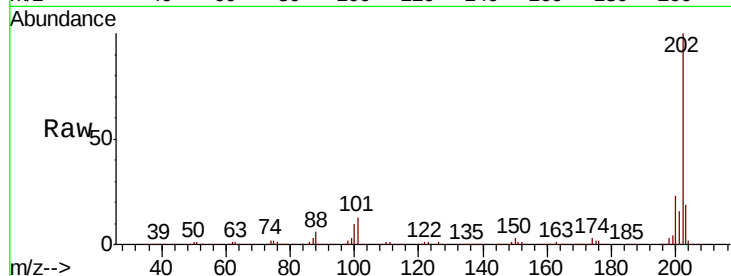




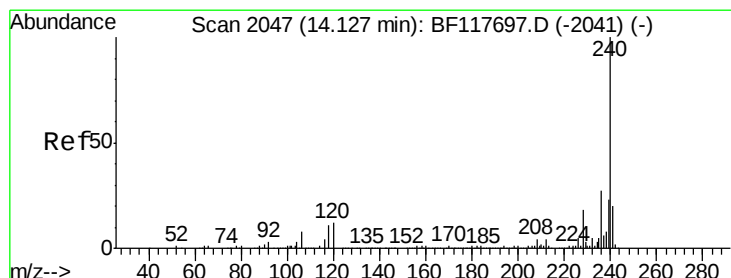
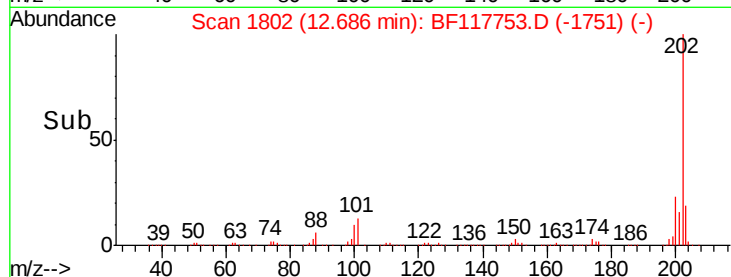
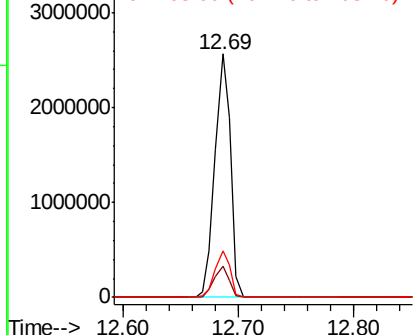
#75
Fluoranthene
Concen: 43.635 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2403764
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.5
203 18.9 0.0 38.9

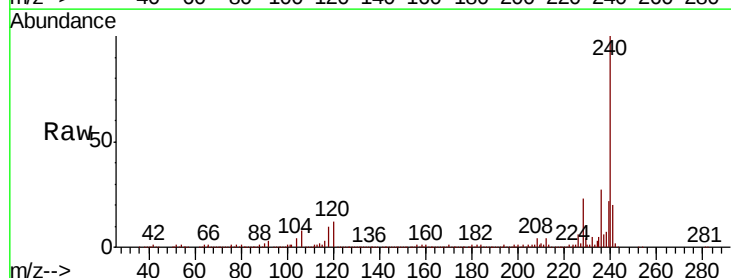


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

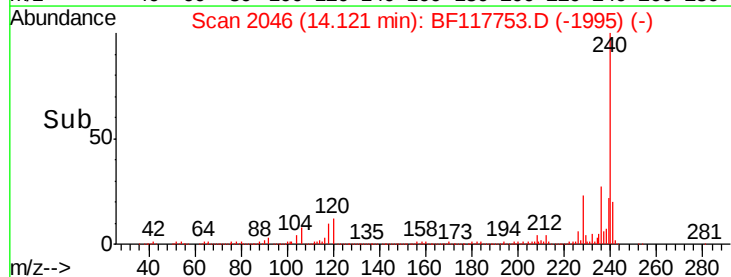
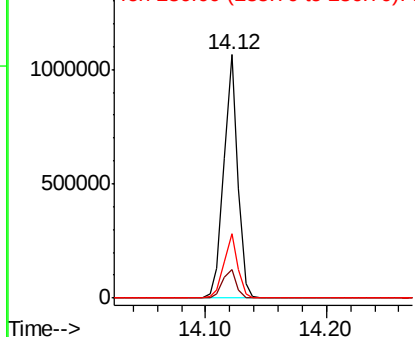


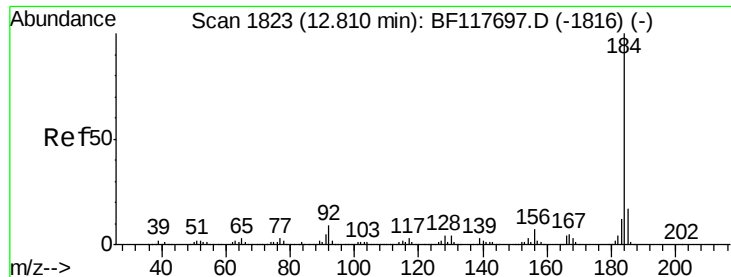
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:240 Resp: 839112
Ion Ratio Lower Upper
240 100
120 11.6 9.3 13.9
236 26.7 21.4 32.0



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: 42.106 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

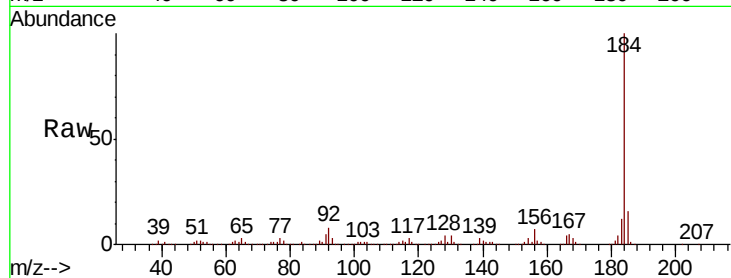
Tot Ion:184 Resp: 1228366

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.4	18.6
183	12.2	9.8	14.6

184 100

185 15.5 12.4 18.6

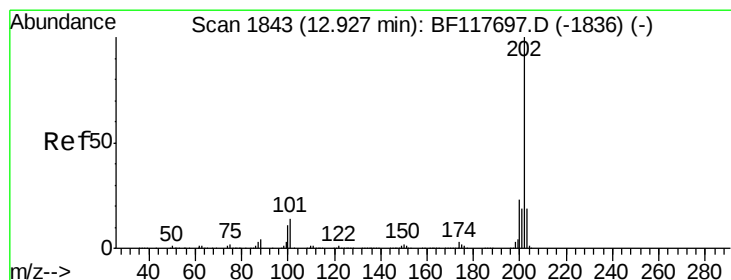
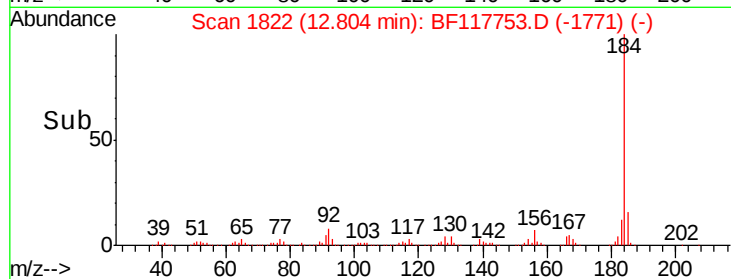
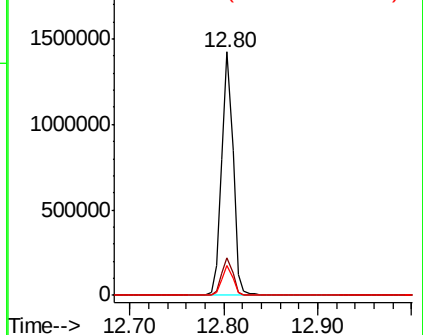
183 12.2 9.8 14.6



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: 39.773 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

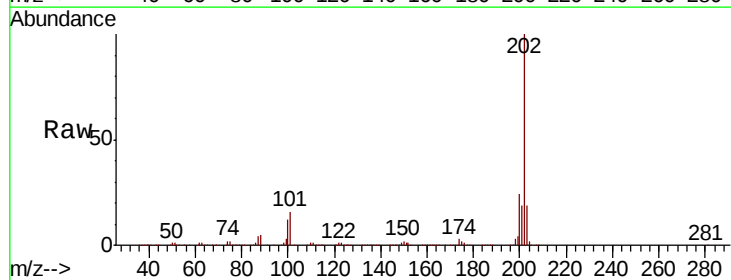
Tgt Ion:202 Resp: 2436248

Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.9	28.3
203	19.1	15.3	22.9

202 100

200 23.6 18.9 28.3

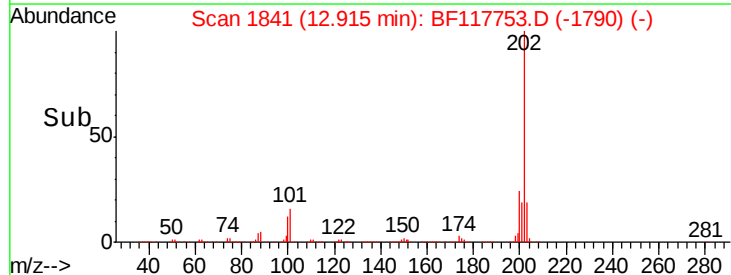
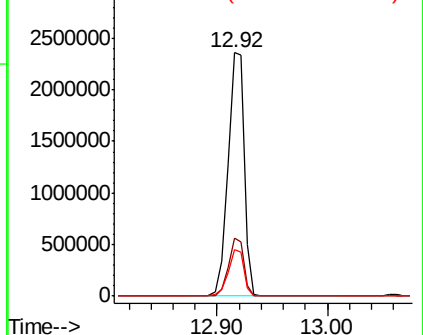
203 19.1 15.3 22.9

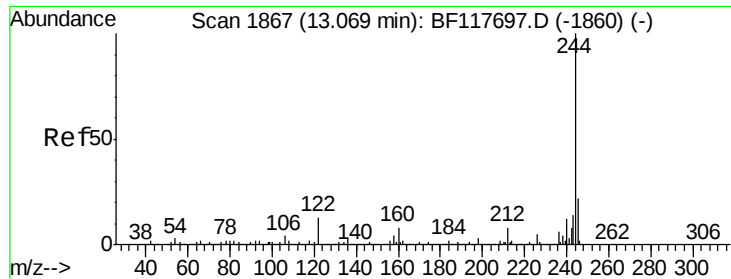


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.779 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

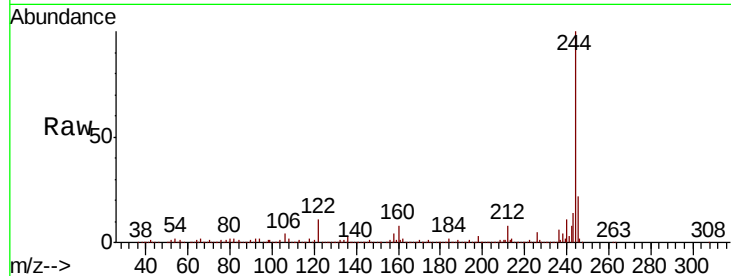
Tot Ion:244 Resp: 3170408

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

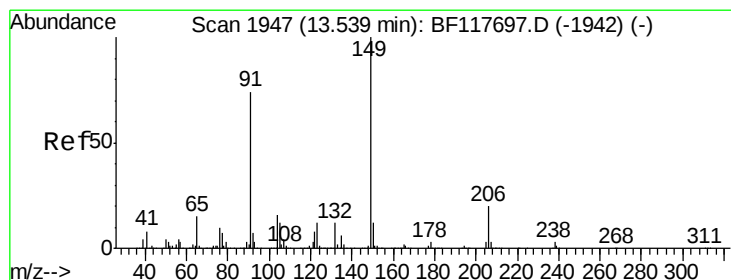
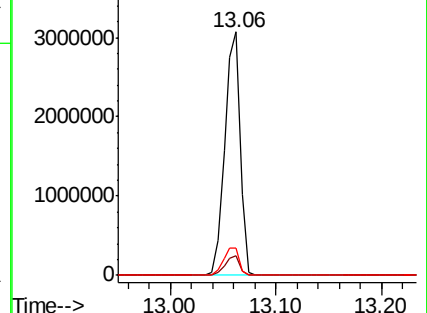
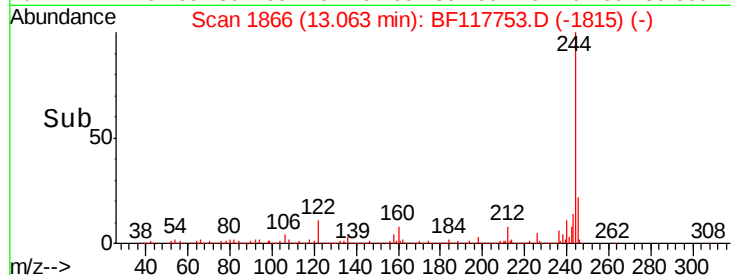
122 11.4 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.971 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

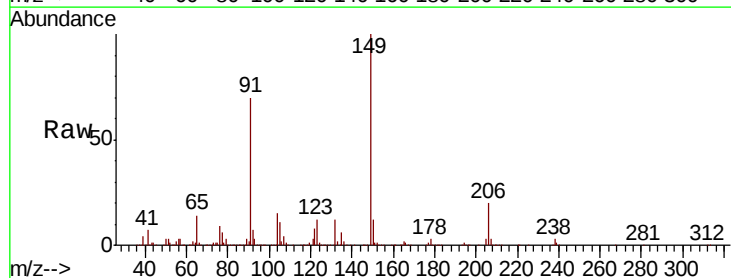
Tgt Ion:149 Resp: 1130913

Ion Ratio Lower Upper

149 100

91 69.6 55.7 83.5

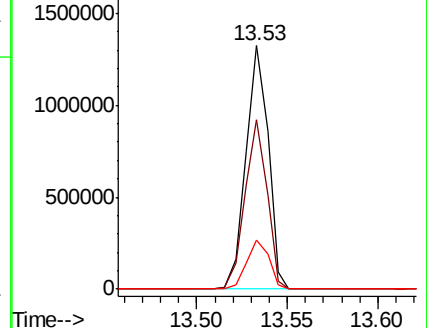
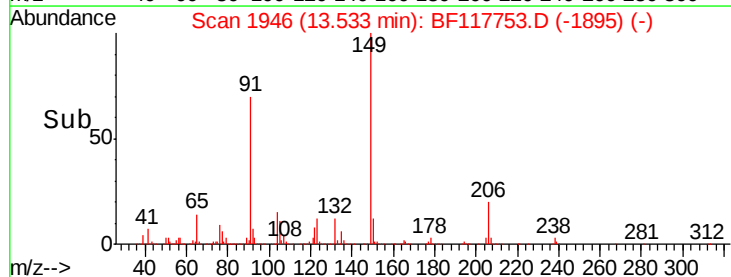
206 20.1 16.1 24.1

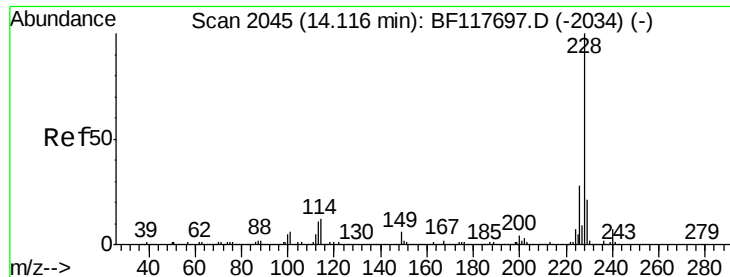


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.305 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampled :

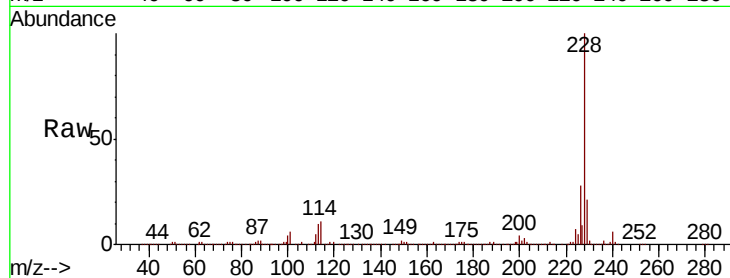
Tot Ion:228 Resp: 2209638

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

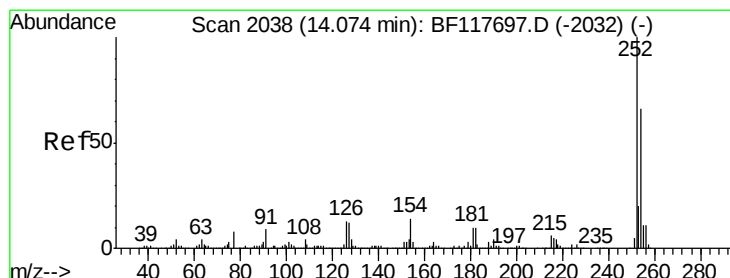
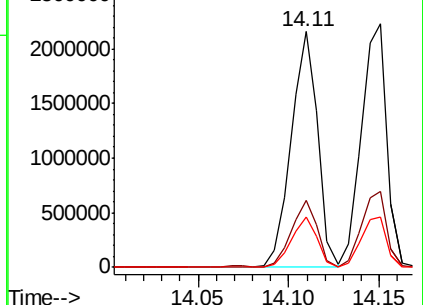
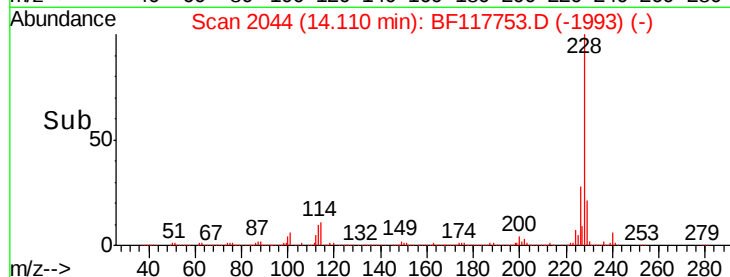
229 21.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.207 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

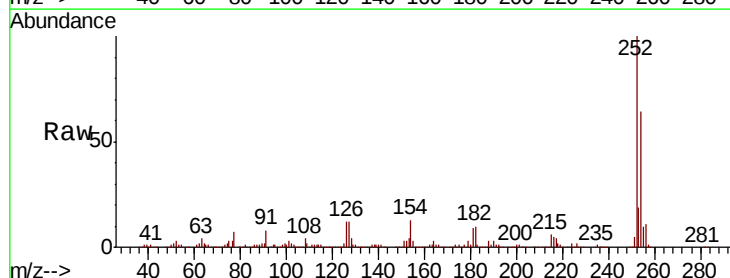
Tgt Ion:252 Resp: 881858

Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.4

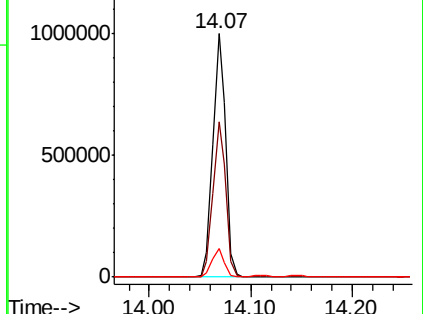
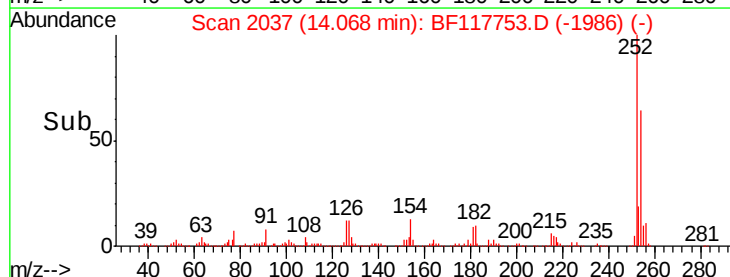
126 11.8 9.4 14.2

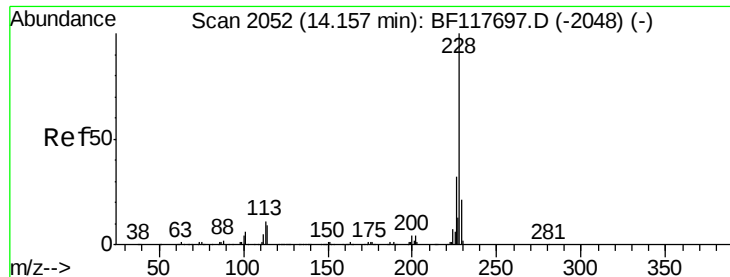


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.019 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

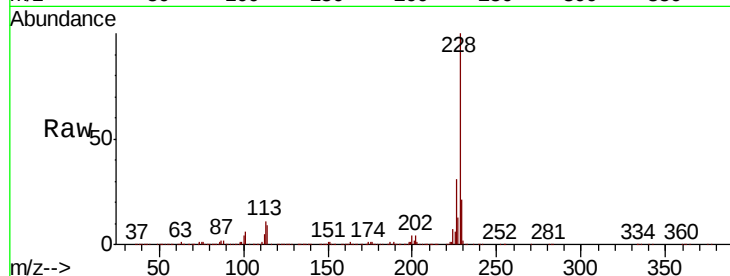
Tot Ion:228 Resp: 2167378

Ion Ratio Lower Upper

228 100

226 31.4 25.1 37.7

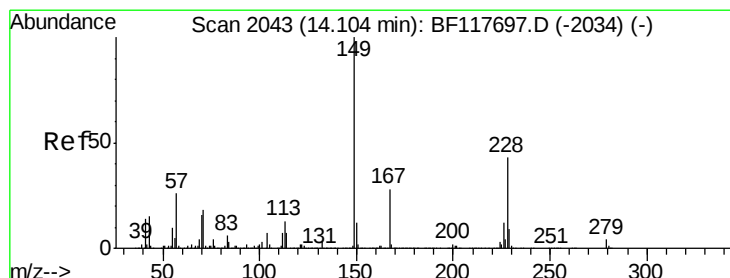
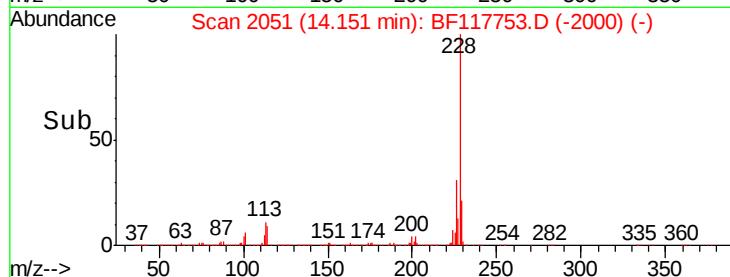
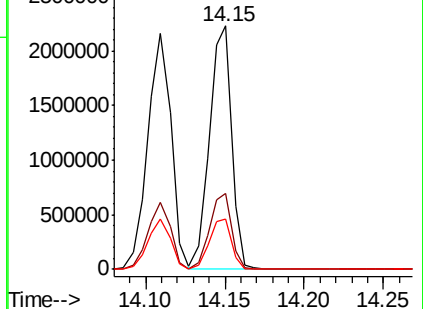
229 20.8 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.656 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

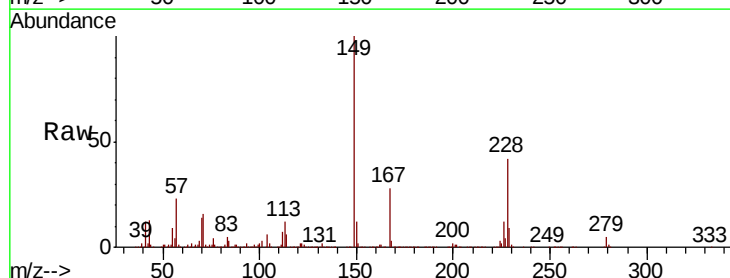
Tgt Ion:149 Resp: 1447340

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

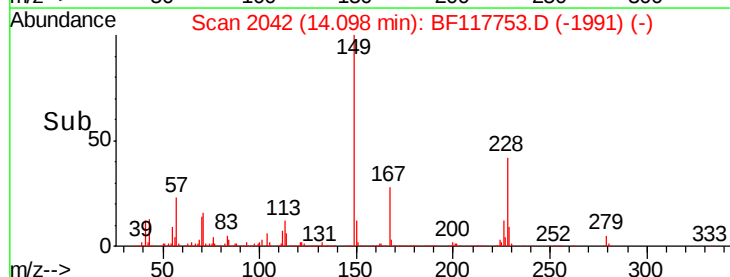
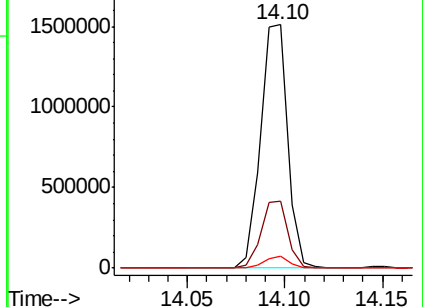
279 4.8 3.8 5.8

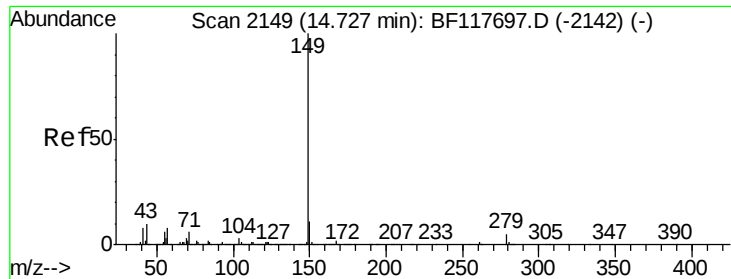


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

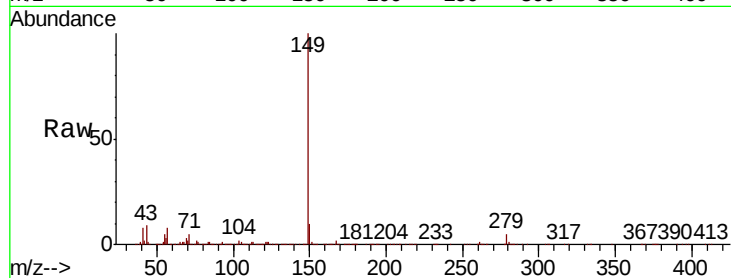




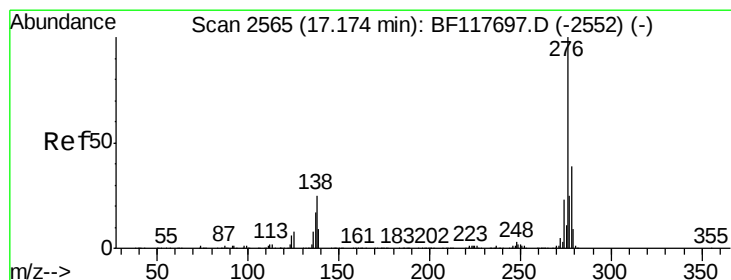
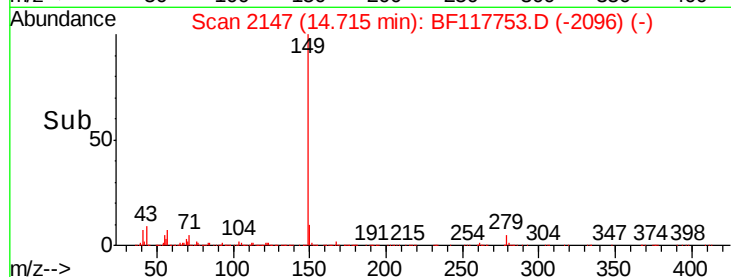
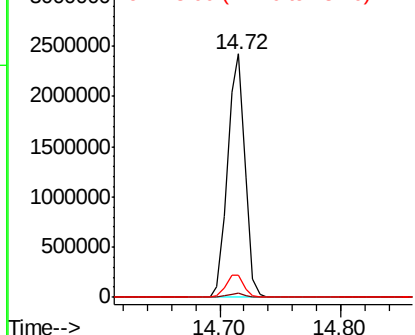
#85
Di-n-octyl phthalate
Concen: 41.810 ng
RT: 14.72 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2401244
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.6

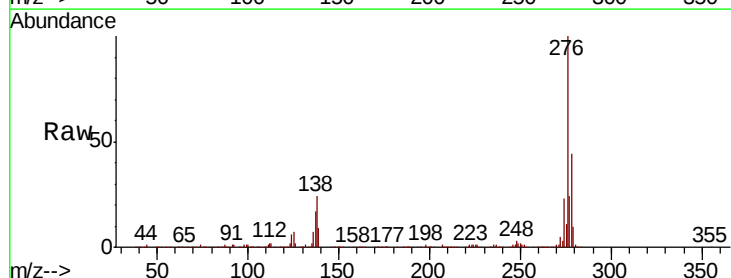


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

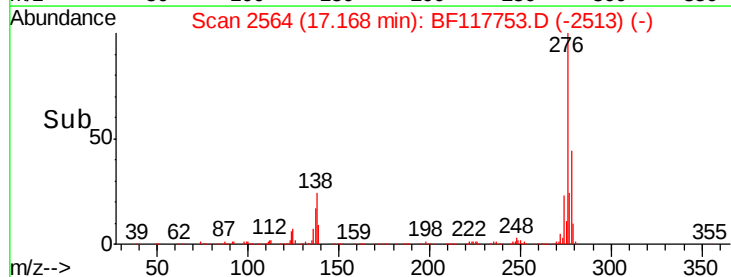
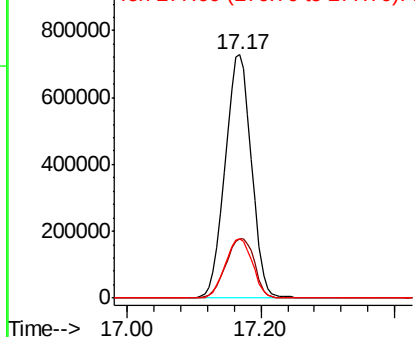


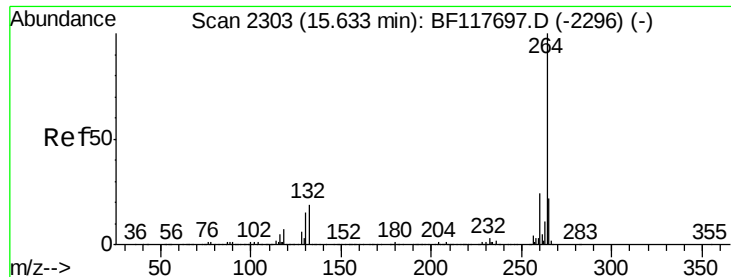
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.138 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:276 Resp: 2022987
Ion Ratio Lower Upper
276 100
138 26.5 21.2 31.8
277 25.1 20.1 30.1



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



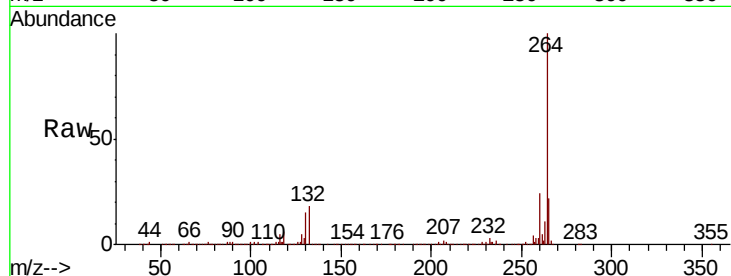


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

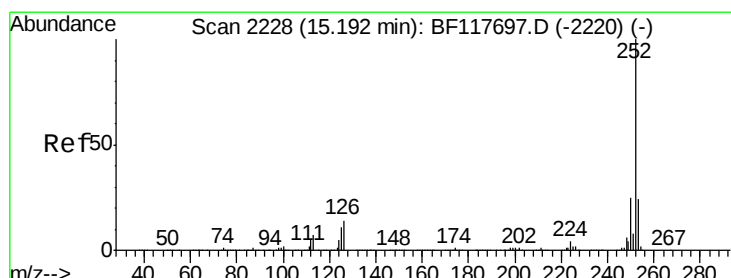
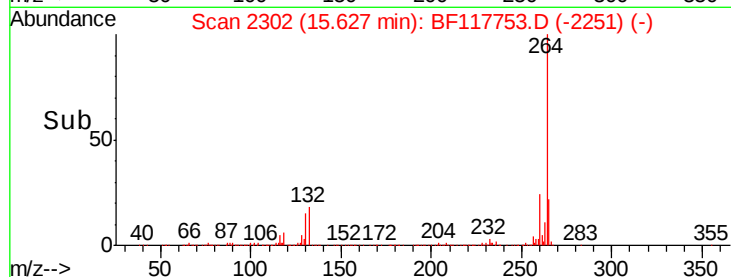
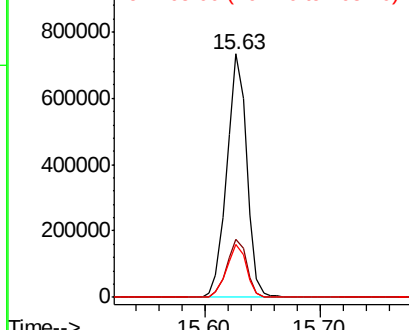
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 876552

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.5	17.2	25.8



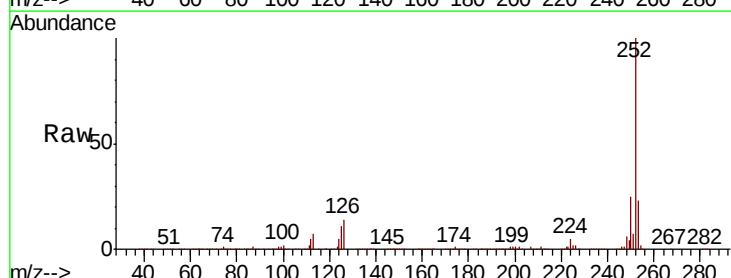
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



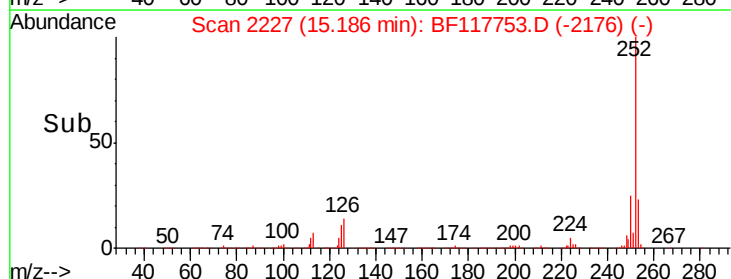
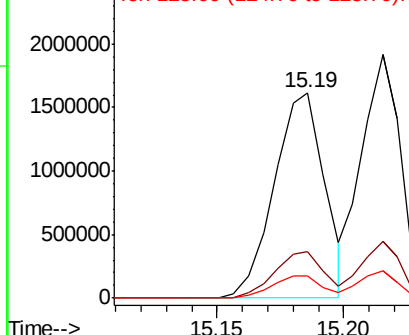
#88
Benzo(b)fluoranthene
Concen: 40.593 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

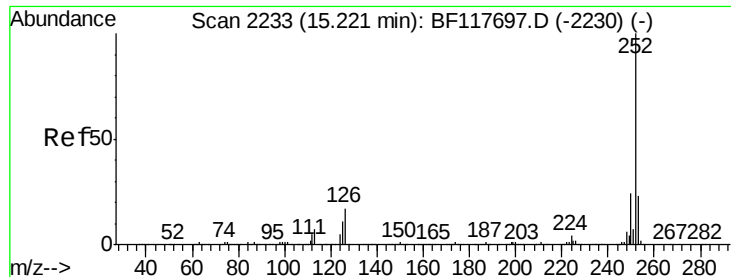
Tgt Ion:252 Resp: 2240977

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.5	8.4	12.6



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

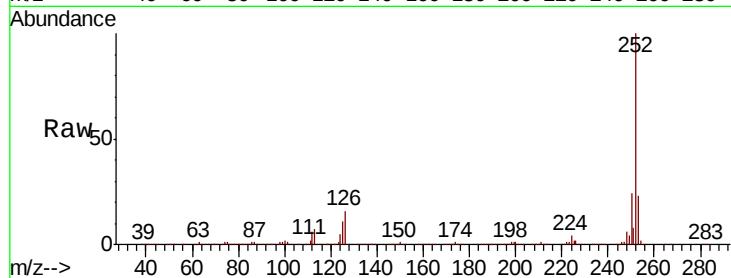




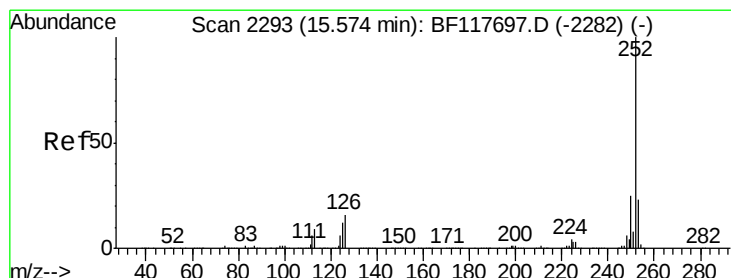
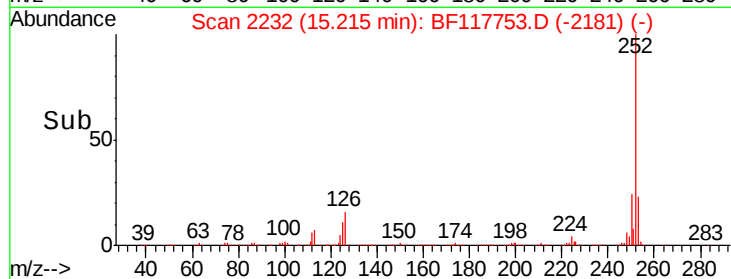
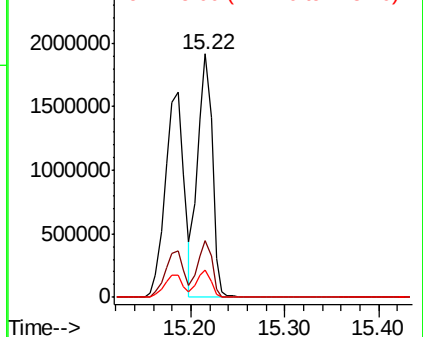
#89
Benzo(k)fluoranthene
Concen: 42.136 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2074721
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 11.1 8.9 13.3

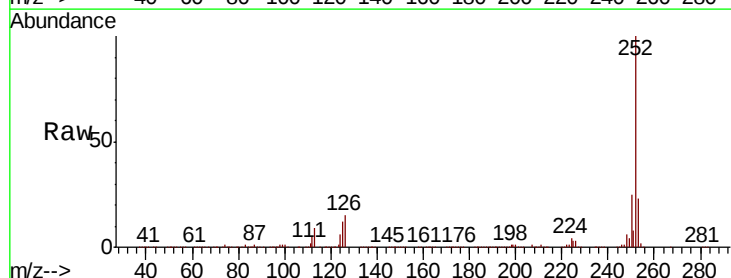


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

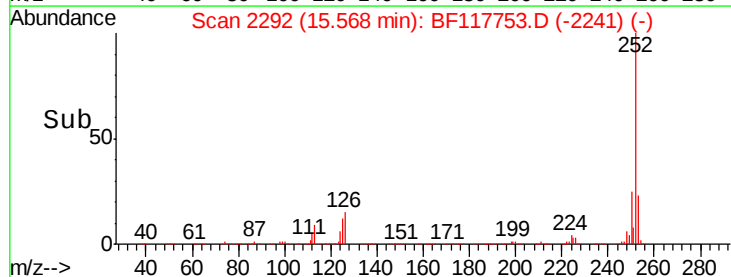
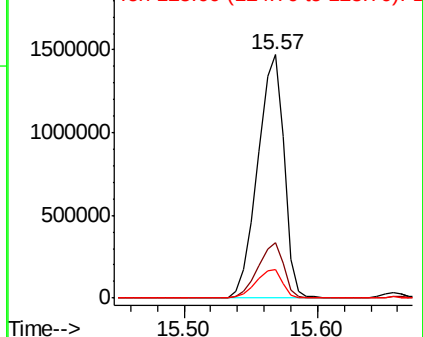


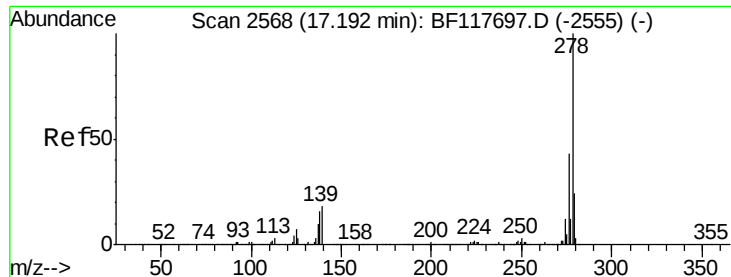
#90
Benzo(a)pyrene
Concen: 41.841 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF117753.D
Acq: 12 Nov 2019 11:00

Tgt Ion:252 Resp: 2002394
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.0 9.6 14.4



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





#91

Dibenzo(a,h)anthracene

Concen: 38.003 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA_F

ClientSampleId :

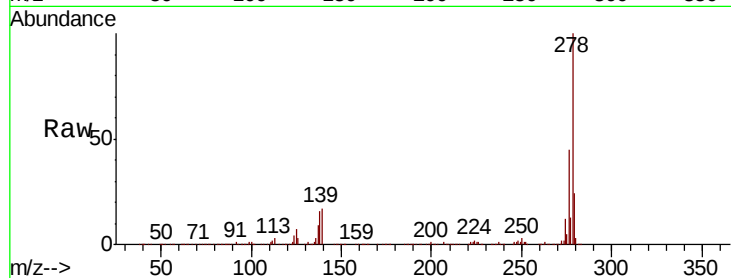
Tot Ion:278 Resp: 1631138

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.8	20.6
279	24.5	19.6	29.4

278 100

139 17.2 13.8 20.6

279 24.5 19.6 29.4

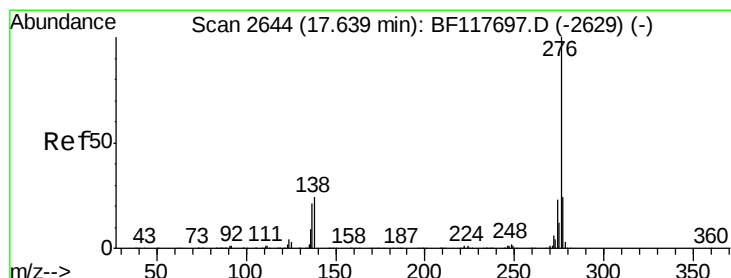
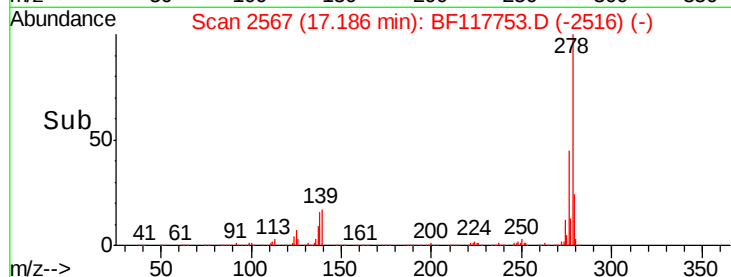
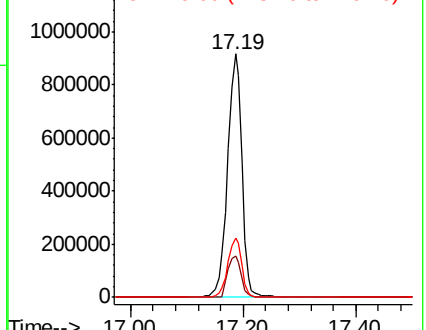


Abundance

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: 38.136 ng

RT: 17.63 min Scan# 2643

Delta R.T. 0.00 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

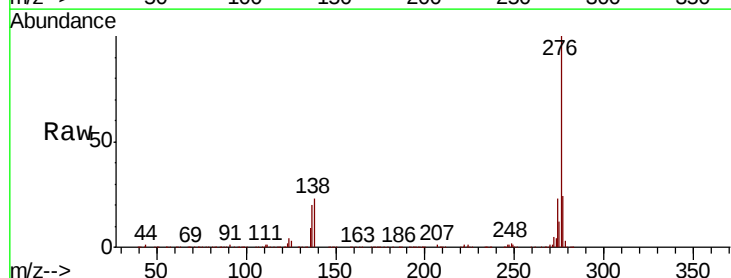
Tgt Ion:276 Resp: 1586335

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	23.2	18.6	27.8

276 100

277 23.8 19.0 28.6

138 23.2 18.6 27.8



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

