

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118002.D
 Acq On : 26 Nov 2019 13:01
 Operator : JU
 Sample : PB125092BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 13:28:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188456	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	804032	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	446151	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	813925	20.00	ng	0.00
76) Chrysene-d12	14.09	240	560885	20.00	ng	0.00
87) Perylene-d12	15.59	264	513155	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1264940	118.81	ng	0.02
7) Phenol-d6	6.53	99	1597394	124.39	ng	0.00
23) Nitrobenzene-d5	7.46	82	871398	64.43	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	572811	121.27	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1725439	69.38	ng	0.00
79) Terphenyl-d14	13.03	244	1943990	63.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	158968	31.943	ng	96
3) Pyridine	3.51	79	425210	32.572	ng	93
4) n-Nitrosodimethylamine	3.46	42	216427	37.979	ng	93
6) Aniline	6.56	93	633662	37.341	ng	99
8) 2-Chlorophenol	6.68	128	537579	46.534	ng	99
9) Benzaldehyde	6.44	77	252900	27.711	ng	98
10) Phenol	6.54	94	642333	48.136	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	469834	43.844	ng	99
12) 1,3-Dichlorobenzene	6.83	146	564656	41.516	ng	97
13) 1,4-Dichlorobenzene	6.91	146	576056	41.902	ng	98
14) 1,2-Dichlorobenzene	7.06	146	546013	41.528	ng	99
15) Benzyl Alcohol	7.03	79	470367	47.443	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	625740	37.927	ng	95
17) 2-Methylphenol	7.15	107	461983	47.222	ng	99
18) Hexachloroethane	7.41	117	207210	41.030	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	356680	45.023	ng	97
20) 3+4-Methylphenols	7.30	107	548974	45.204	ng	# 84
22) Acetophenone	7.30	105	724232	40.092	ng	# 93
24) Nitrobenzene	7.48	77	565731	40.545	ng	98
25) Isophorone	7.72	82	1038178	41.879	ng	99
26) 2-Nitrophenol	7.79	139	318694	46.926	ng	96
27) 2,4-Dimethylphenol	7.83	122	522237	49.486	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	618497	39.317	ng	100
29) 2,4-Dichlorophenol	8.04	162	484267	42.305	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	509309	38.358	ng	100
31) Naphthalene	8.20	128	1593970	42.525	ng	99
32) Benzoic acid	7.97	122	365010	41.308	ng	98
33) 4-Chloroaniline	8.25	127	475785	28.353	ng	97
34) Hexachlorobutadiene	8.32	225	296755	38.226	ng	99
35) Caprolactam	8.63	113	88065	24.206	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	513226	44.178	ng	97
37) 2-Methylnaphthalene	8.90	142	1107309	43.722	ng	99
38) 1-Methylnaphthalene	9.00	142	1039324	43.408	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	485518	37.472	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	586357	80.755	ng	97
43) 2,4,6-Trichlorophenol	9.17	196	360461	38.841	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	383125	39.762	ng	99
46) 1,1'-Biphenyl	9.36	154	1330315	40.190	ng	99
47) 2-Chloronaphthalene	9.39	162	1045349	38.390	ng	99
48) 2-Nitroaniline	9.49	65	303827	36.958	ng	92
49) Acenaphthylene	9.81	152	1644215	41.416	ng	100
50) Dimethylphthalate	9.67	163	1263759	40.394	ng	99
51) 2,6-Dinitrotoluene	9.73	165	292700	42.807	ng	94
52) Acenaphthene	9.98	154	952690	37.461	ng	99
53) 3-Nitroaniline	9.90	138	238865	29.195	ng	100
54) 2,4-Dinitrophenol	10.01	184	292326	82.916	ng	91
55) Dibenzofuran	10.16	168	1431985	40.662	ng	98
56) 4-Nitrophenol	10.07	139	475965	77.936	ng	95
57) 2,4-Dinitrotoluene	10.14	165	374211	43.023	ng	96
58) Fluorene	10.50	166	1101554	40.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	319294	40.330	ng	99
60) Diethylphthalate	10.37	149	1235771	40.515	ng	100
61) 4-Chlorophenyl-phenylether	10.49	204	553658	39.977	ng	97
62) 4-Nitroaniline	10.52	138	316989	38.695	ng	98
63) Azobenzene	10.65	77	1097633	39.555	ng	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	206238	54.278	ng	94
66) n-Nitrosodiphenylamine	10.61	169	1001821	42.293	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	357404	40.697	ng	96
68) Hexachlorobenzene	11.05	284	417295	40.750	ng	96
69) Atrazine	11.14	200	357713	45.907	ng	99
70) Pentachlorophenol	11.24	266	464978	77.720	ng	100
71) Phenanthrene	11.47	178	1659399	40.551	ng	99
72) Anthracene	11.52	178	1719379	42.378	ng	99
73) Carbazole	11.67	167	1497621	42.240	ng	99
74) Di-n-butylphthalate	12.00	149	1832686	41.516	ng	100
75) Fluoranthene	12.66	202	1728117	46.651	ng	98
77) Benzidine	12.77	184	798738	43.475	ng	99
78) Pyrene	12.89	202	1727049	38.101	ng	99
80) Butylbenzylphthalate	13.50	149	767238	39.409	ng	99
81) Benzo(a)anthracene	14.08	228	1464819	39.521	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	435390	33.583	ng	99
83) Chrysene	14.12	228	1382254	38.487	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	1013664	42.947	ng	99
85) Di-n-octyl phthalate	14.68	149	1614474	46.561	ng	97
86) Indeno(1,2,3-cd)pyrene	17.12	276	1274764	41.704	ng	99
88) Benzo(b)fluoranthene	15.15	252	1320228	39.599	ng	98
89) Benzo(k)fluoranthene	15.18	252	1230132	39.159	ng	98
90) Benzo(a)pyrene	15.53	252	1131314	38.589	ng	99
91) Dibenzo(a,h)anthracene	17.14	278	1057916	41.925	ng	97
92) Benzo(g,h,i)perylene	17.59	276	1040892	41.414	ng	98

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

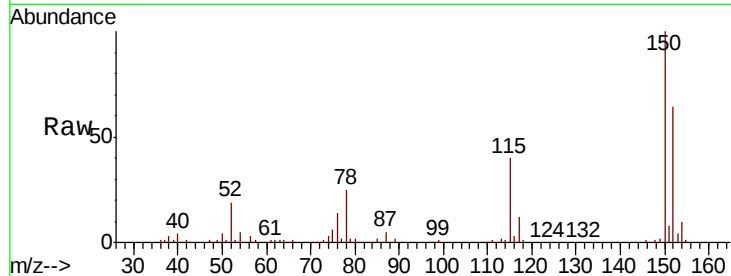


#1

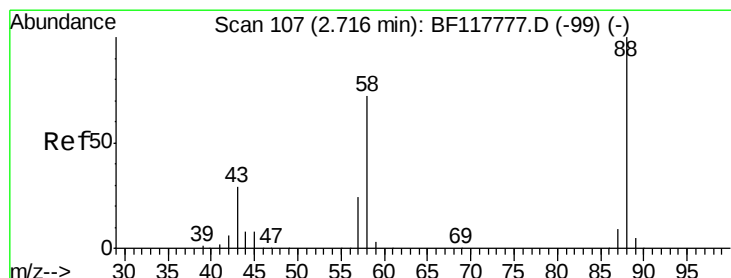
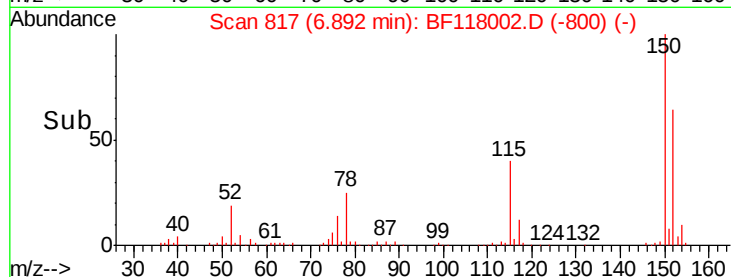
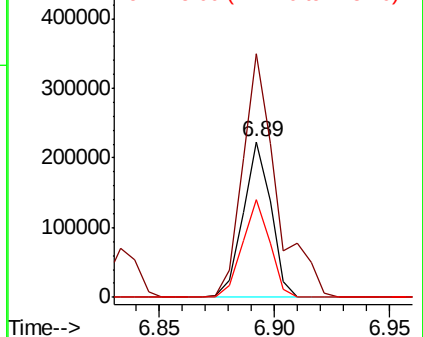
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188456
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 62.7 47.0 70.4



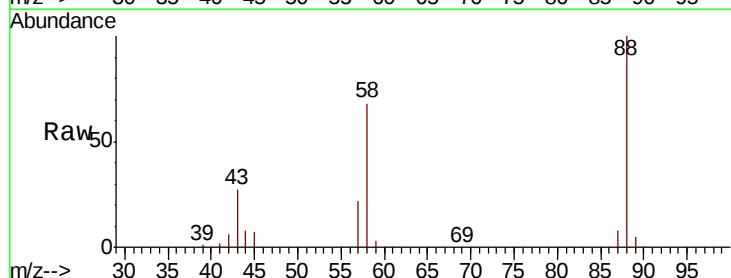
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



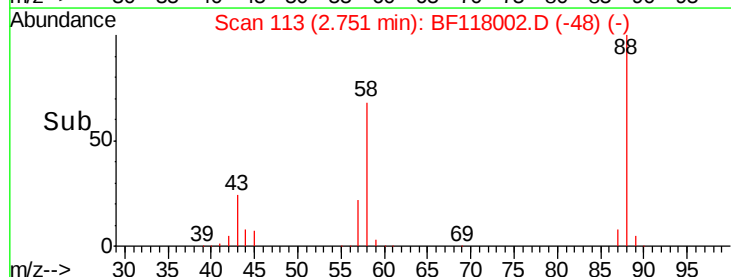
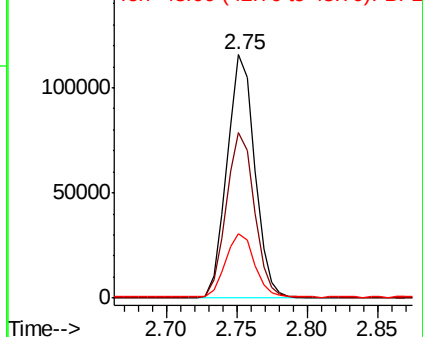
#2

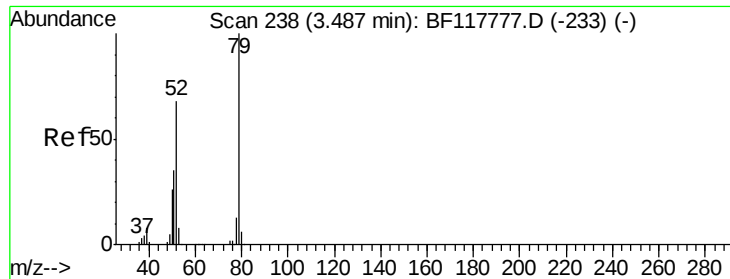
1,4-Dioxane
Concen: 31.943 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion: 88 Resp: 158968
Ion Ratio Lower Upper
88 100
58 68.9 58.2 87.2
43 27.2 23.3 34.9



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: 32.572 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

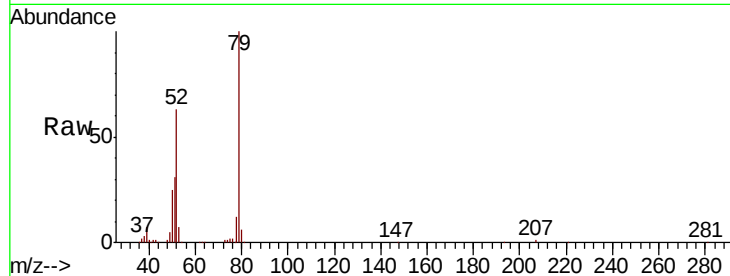
Tot Ion: 79 Resp: 425210

Ion Ratio Lower Upper

79 100

52 62.9 54.8 82.2

51 31.4 28.2 42.4



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

200000

150000

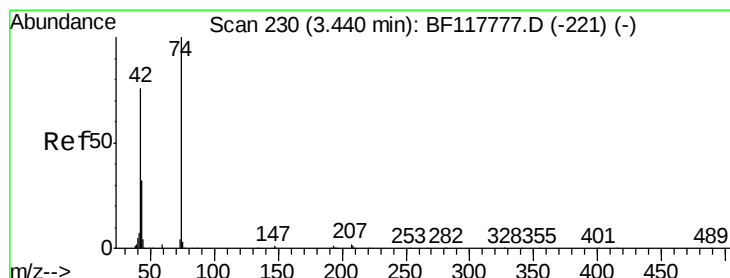
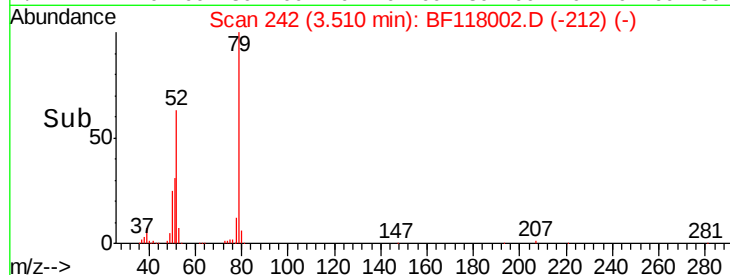
100000

50000

0

Time-->

3.40 3.50 3.60 3.70 3.80



#4

n-Nitrosodimethylamine

Concen: 37.979 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.07 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

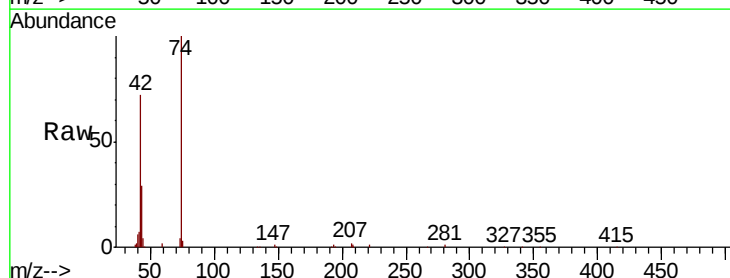
Tgt Ion: 42 Resp: 216427

Ion Ratio Lower Upper

42 100

74 139.7 105.1 157.7

44 6.3 4.6 7.0



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

200000

150000

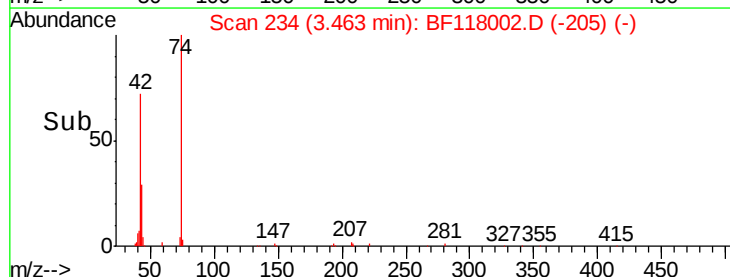
100000

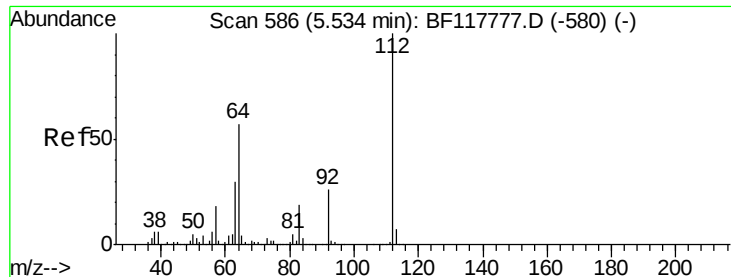
50000

0

Time-->

3.40 3.50 3.60





#5

2-Fluorophenol

Concen: 118.812 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

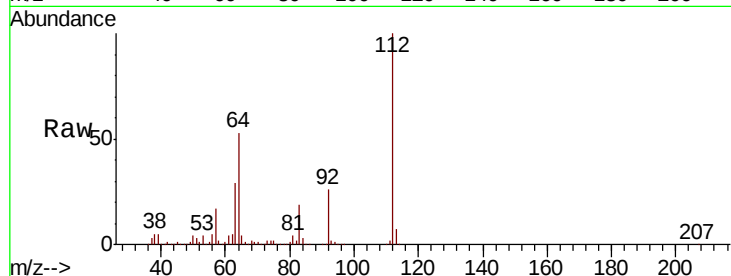
Tot Ion:112 Resp: 1264940

Ion Ratio Lower Upper

112 100

64 52.7 45.6 68.4

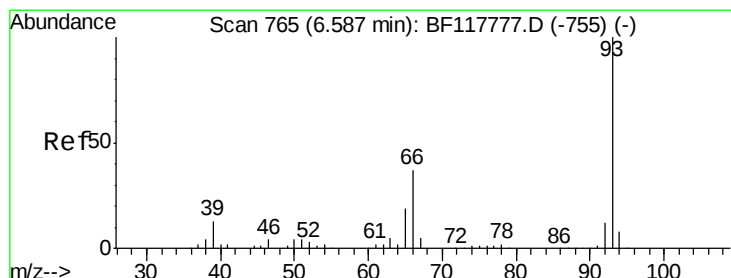
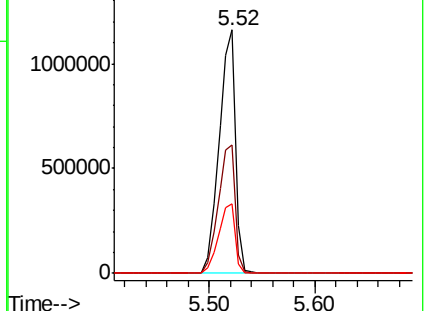
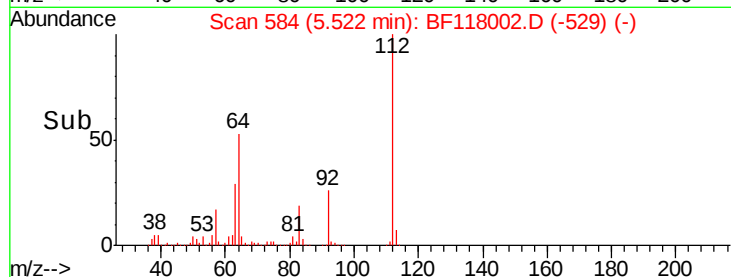
63 28.6 24.1 36.1



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: 37.341 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

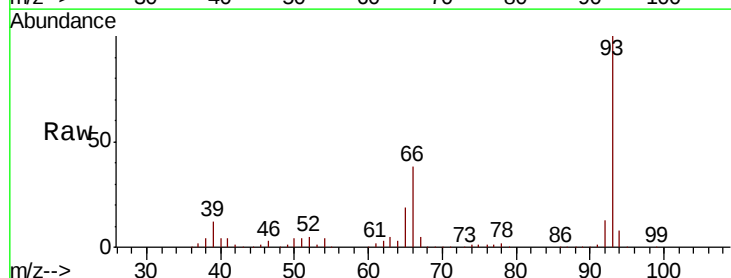
Tgt Ion: 93 Resp: 633662

Ion Ratio Lower Upper

93 100

66 37.8 30.6 45.8

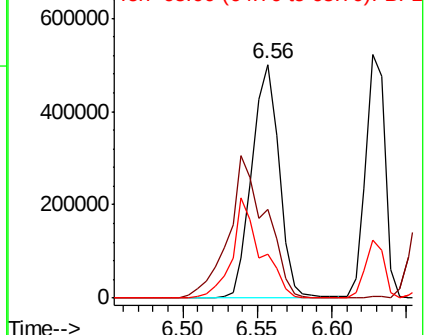
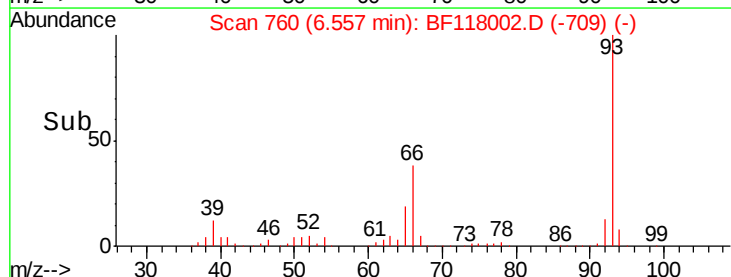
65 19.0 15.6 23.4

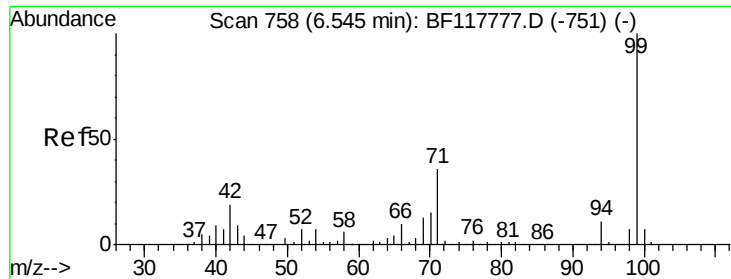


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.393 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampled :

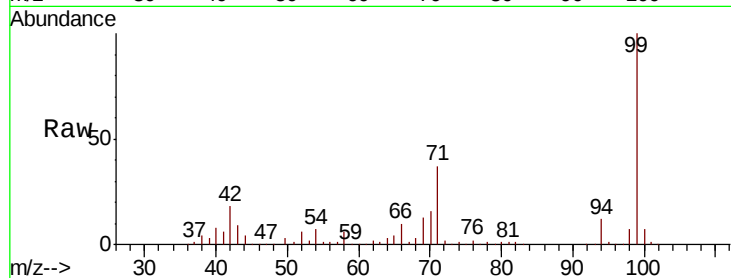
Tot Ion: 99 Resp: 1597394

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	36.7	28.6	43.0

99 100

42 17.6 14.9 22.3

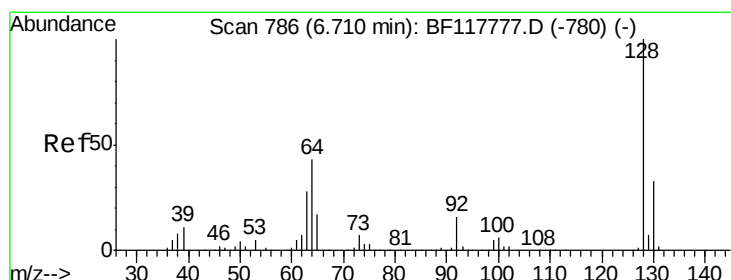
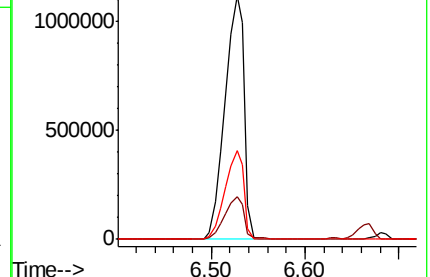
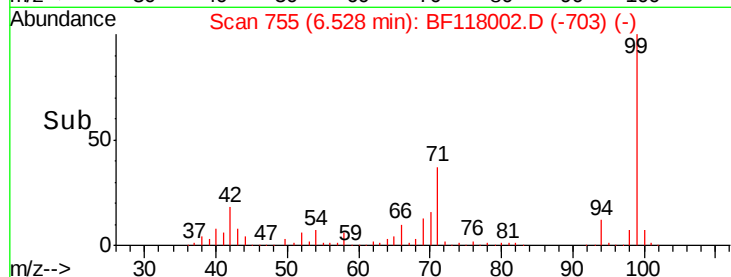
71 36.7 28.6 43.0



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: 46.534 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

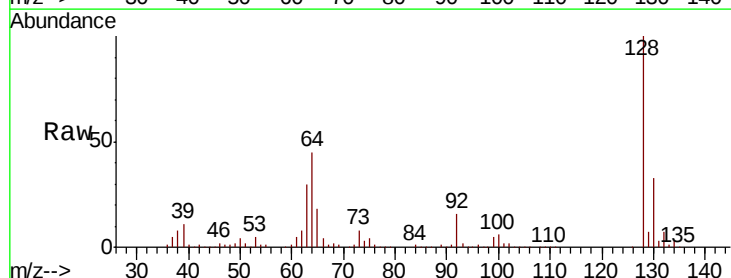
Tgt Ion:128 Resp: 537579

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.2	53.2
64	44.9	23.7	63.7

128 100

130 32.8 13.2 53.2

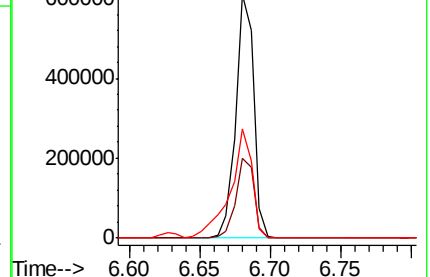
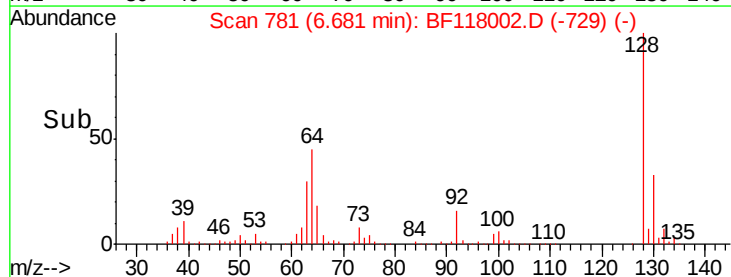
64 44.9 23.7 63.7

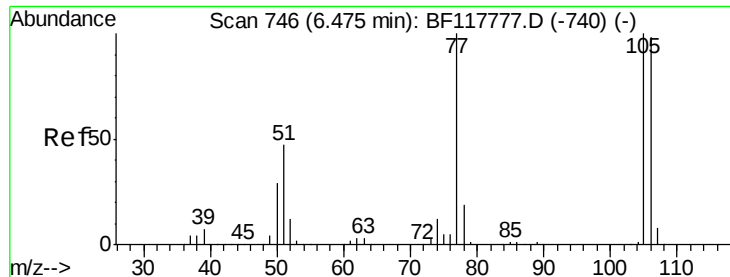


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.711 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

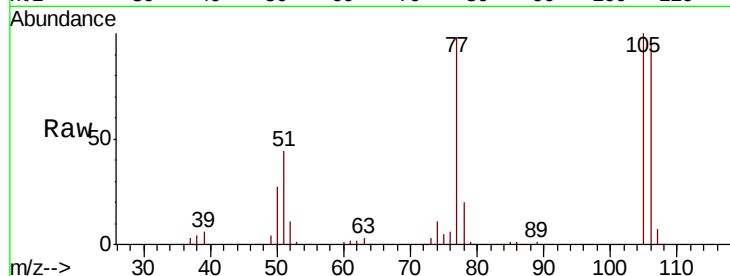
Tot Ion: 77 Resp: 252900

Ion Ratio Lower Upper

77 100

105 101.7 80.2 120.2

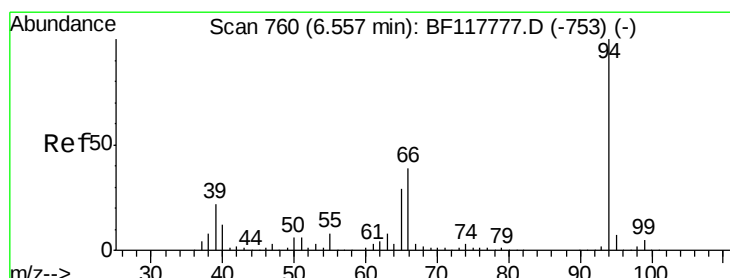
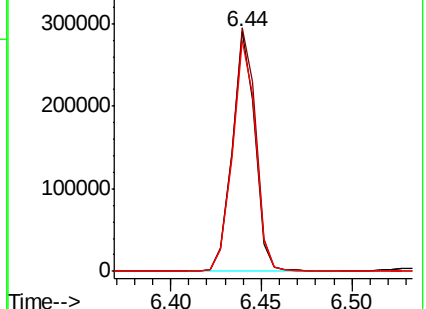
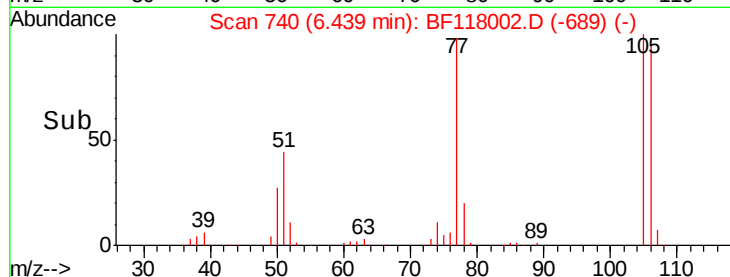
106 96.6 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.136 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

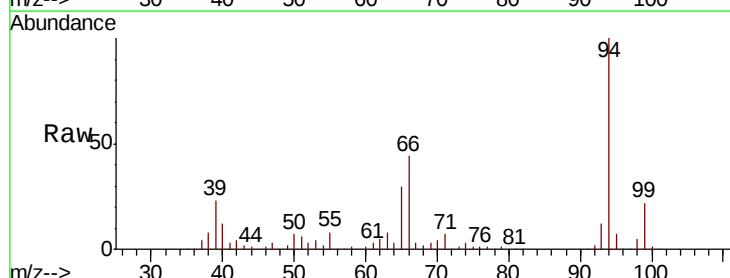
Tgt Ion: 94 Resp: 642333

Ion Ratio Lower Upper

94 100

65 30.5 8.9 48.9

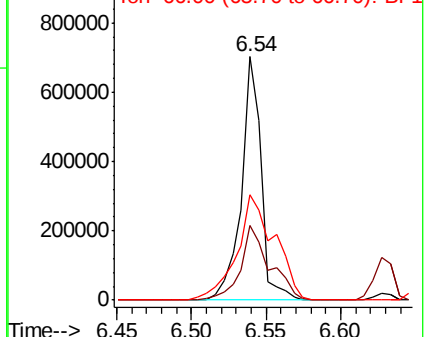
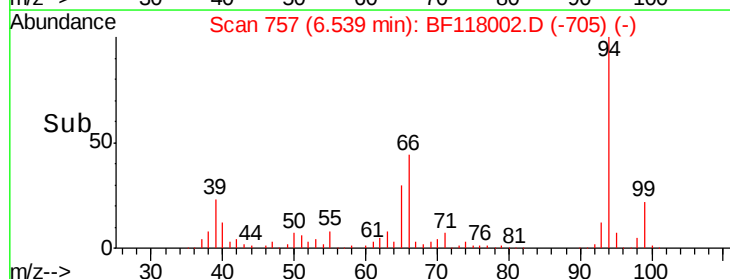
66 43.5 18.7 58.7

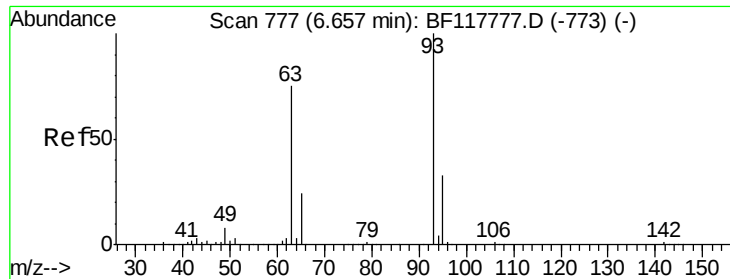


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

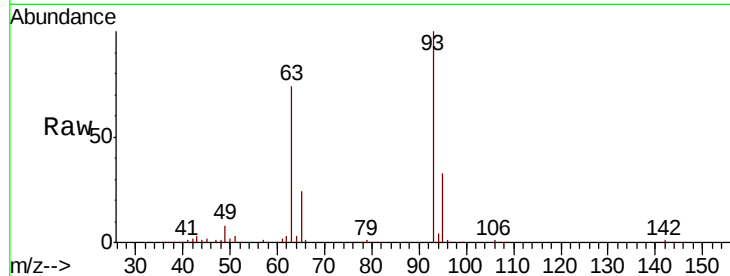




#11
bis(2-Chloroethyl)ether
Concen: 43.844 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.8	94.8
95	32.8	12.7	52.7

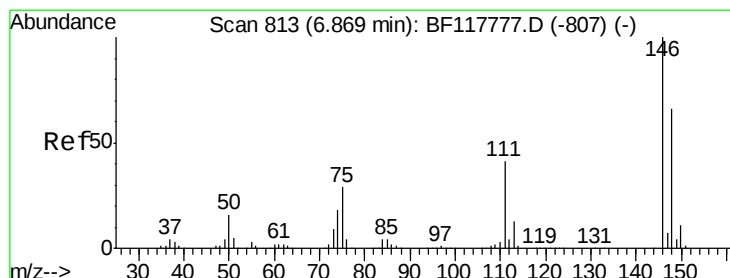
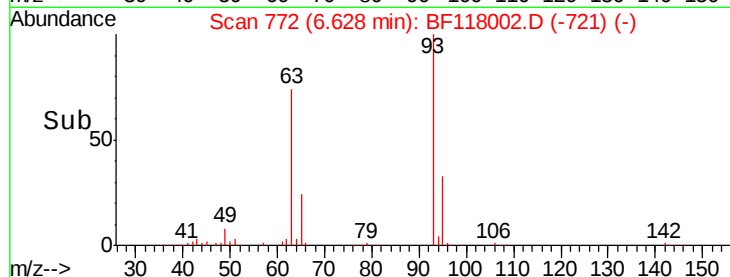
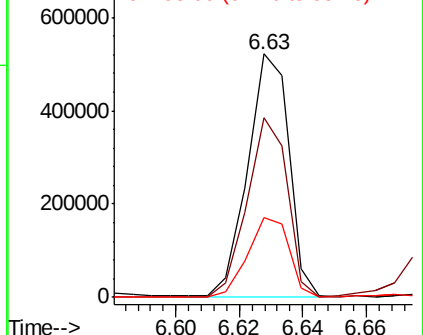


Abundance

Ion 93.00 (92.70 to 93.70): BF1

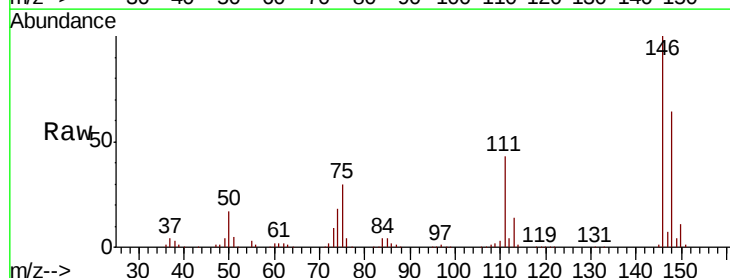
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.516 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.8	79.2
75	30.5	23.4	35.0

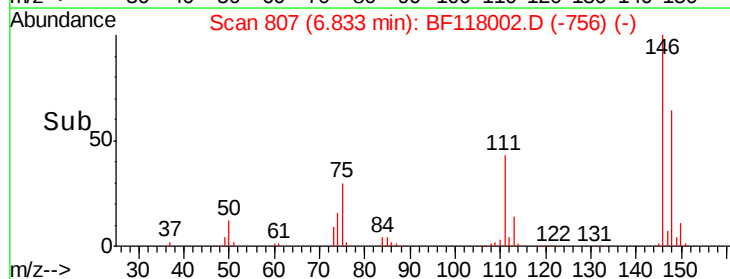
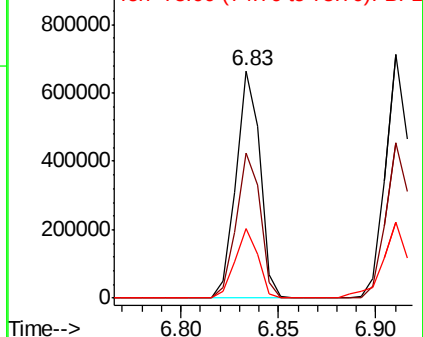


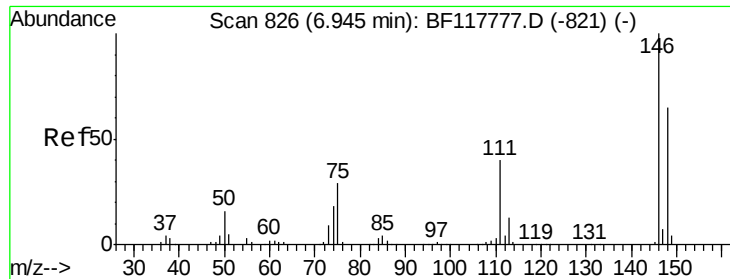
Abundance

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

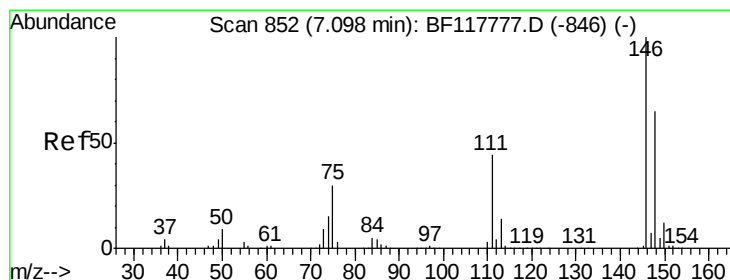
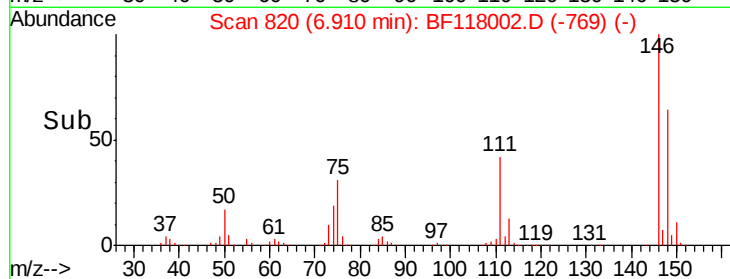
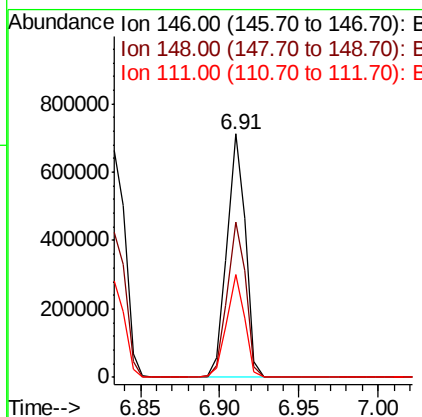
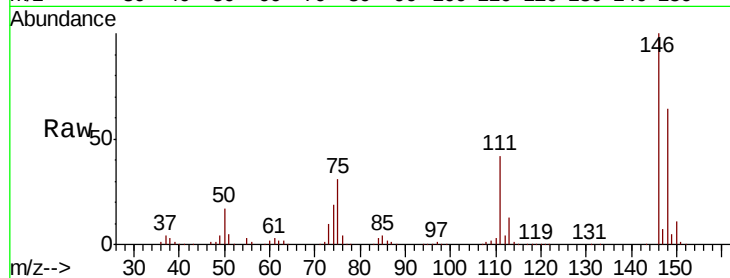




#13
 1,4-Dichlorobenzene
 Concen: 41.902 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

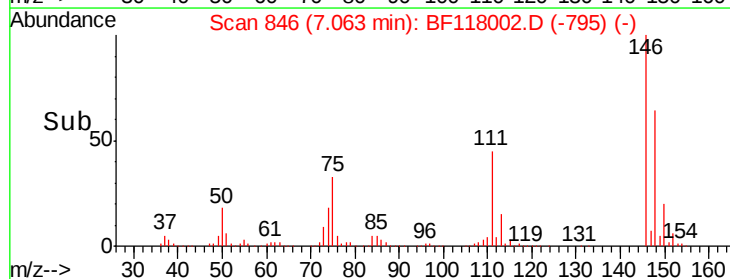
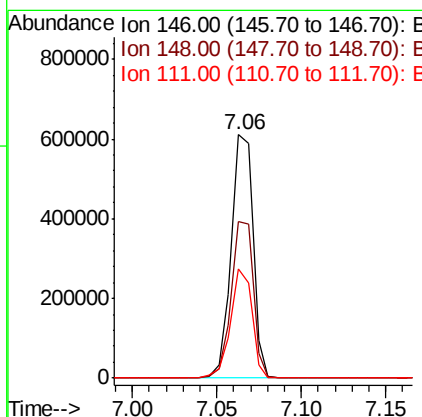
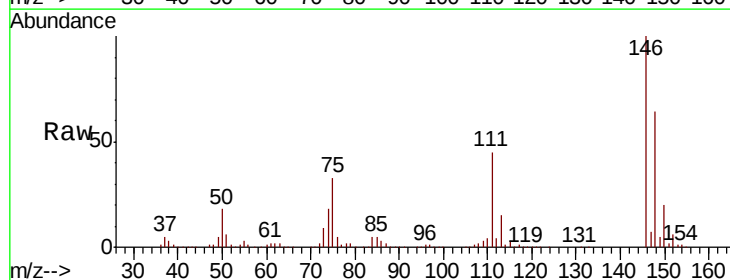
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 576056
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 42.1 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 41.528 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion:146 Resp: 546013
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 111 45.1 35.0 52.6





#15

Benzyl Alcohol

Concen: 47.443 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

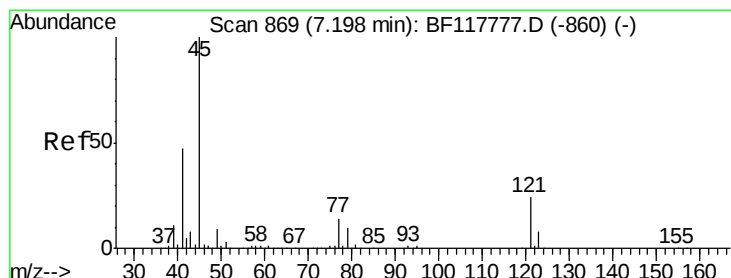
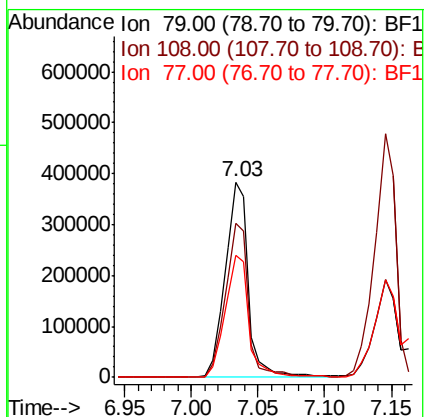
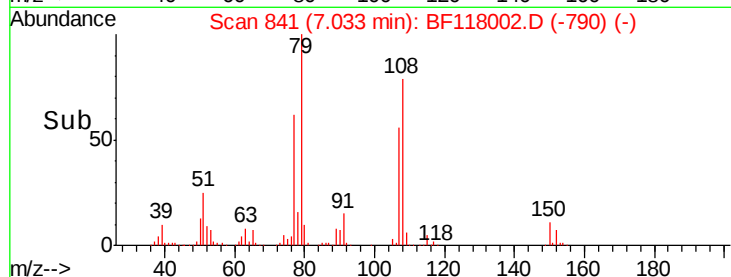
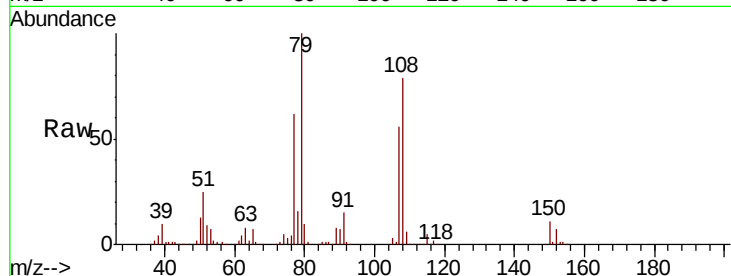
Tot Ion: 79 Resp: 470367

Ion Ratio Lower Upper

79 100

108 78.9 64.1 96.1

77 62.3 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.927 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

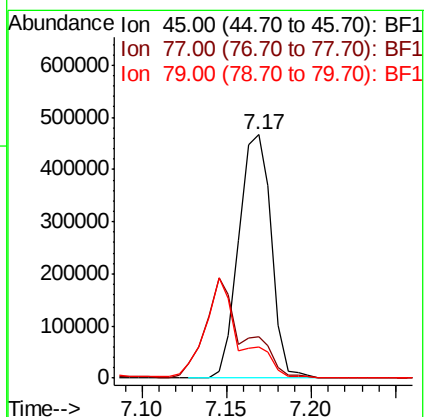
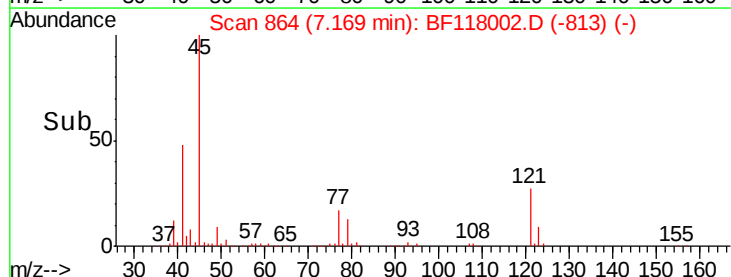
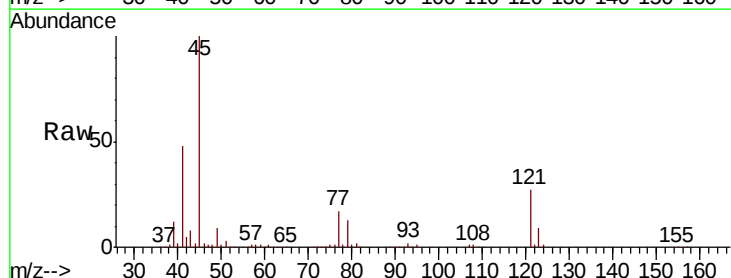
Tgt Ion: 45 Resp: 625740

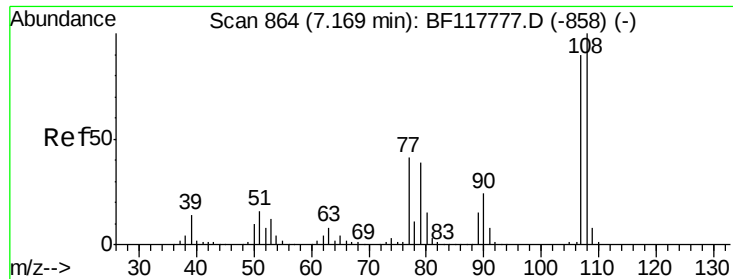
Ion Ratio Lower Upper

45 100

77 16.9 0.0 35.0

79 12.8 0.0 31.1

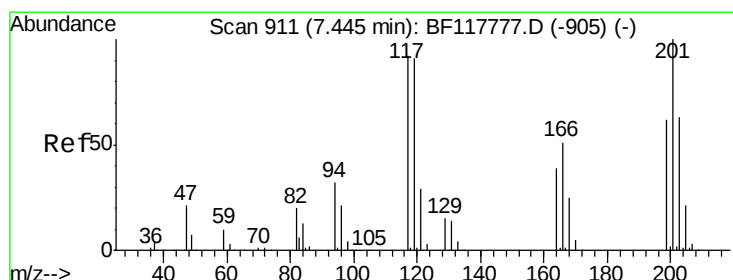
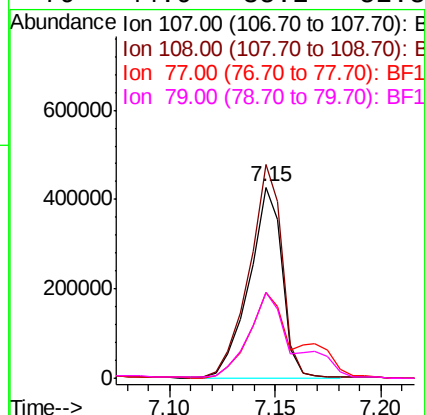
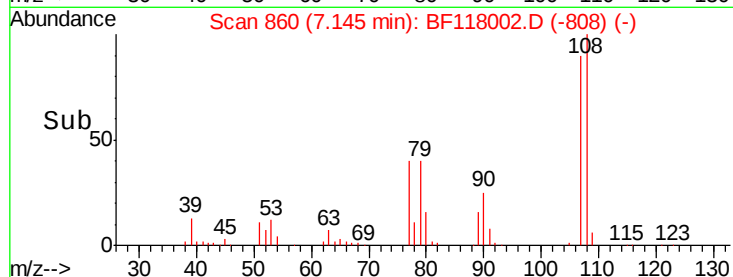
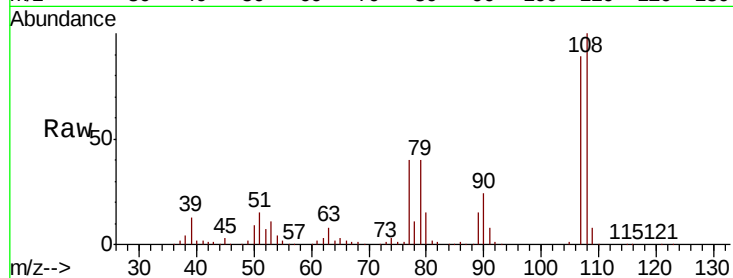




#17
2-Methylphenol
Concen: 47.222 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

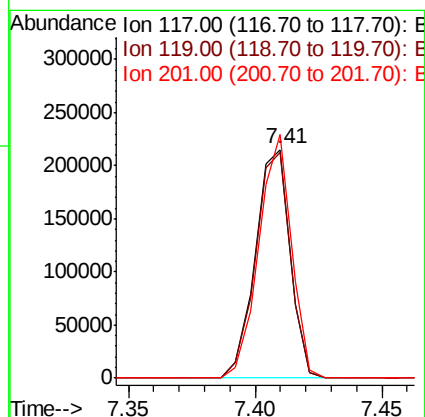
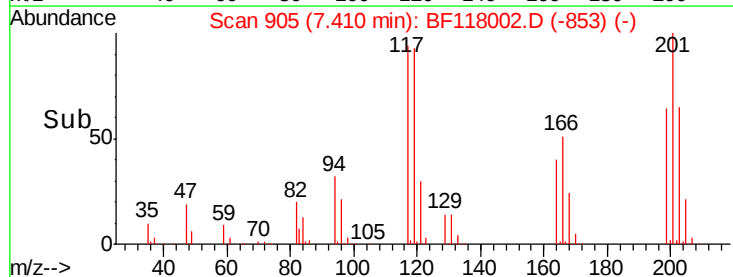
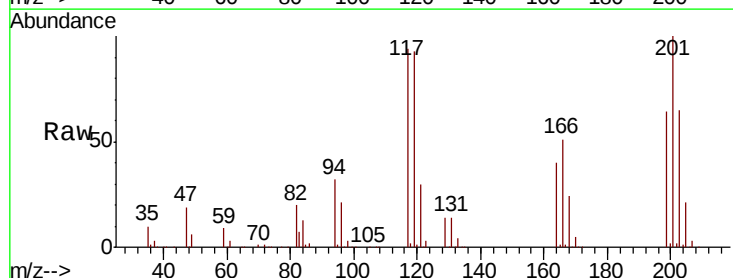
Instrument :
BNA_F
ClientSampleId :

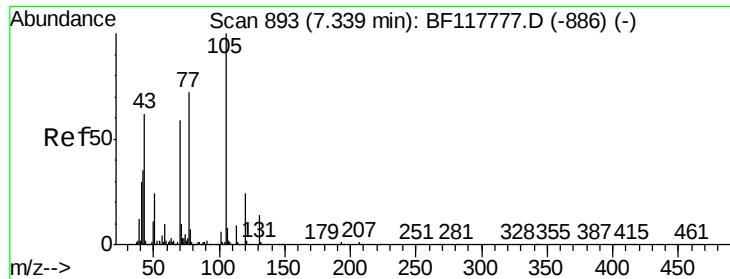
Tot Ion:107 Resp: 461983
Ion Ratio Lower Upper
107 100
108 111.9 89.1 133.7
77 45.0 36.6 54.8
79 44.9 35.2 52.8



#18
Hexachloroethane
Concen: 41.030 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:117 Resp: 207210
Ion Ratio Lower Upper
117 100
119 98.8 78.7 118.1
201 106.4 86.5 129.7

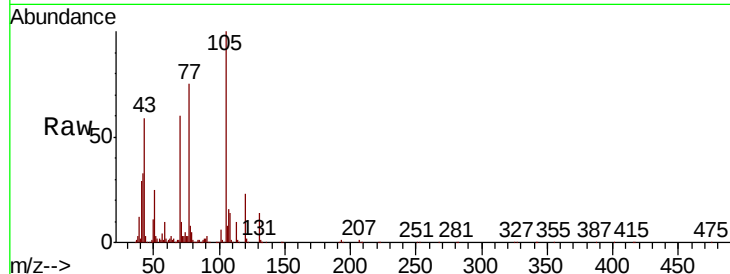




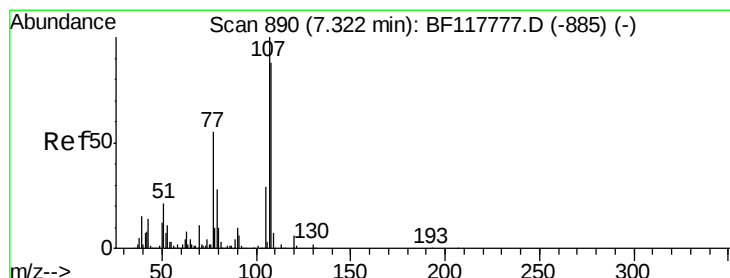
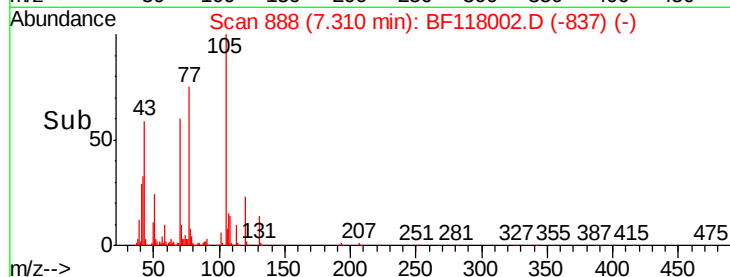
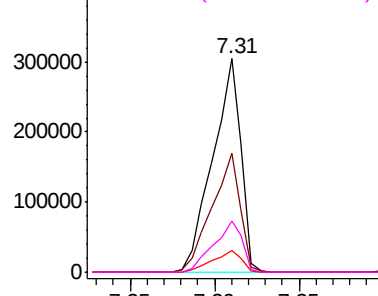
#19
n-Nitroso-di-n-propylamine
Concen: 45.023 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	356680
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.4	71.2
101	10.5	8.4	12.6
130	24.0	18.8	28.2

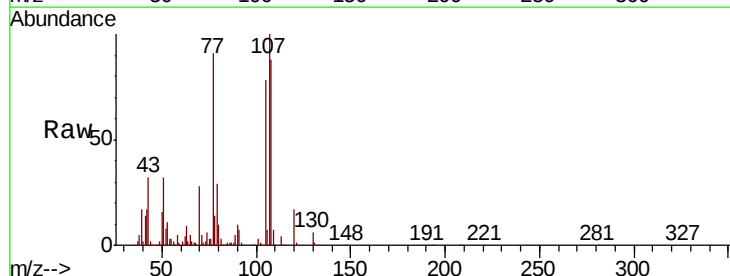


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

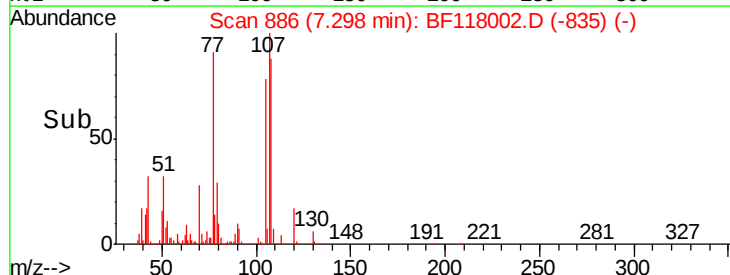
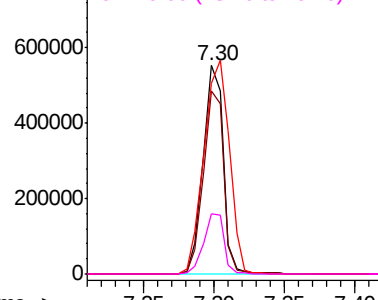


#20
3+4-Methylphenols
Concen: 45.204 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:	107	Resp:	548974
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.4	108.4
77	91.5	35.2	75.2#
79	28.9	8.6	48.6



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

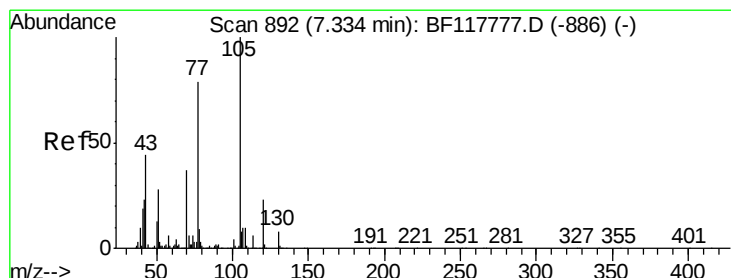
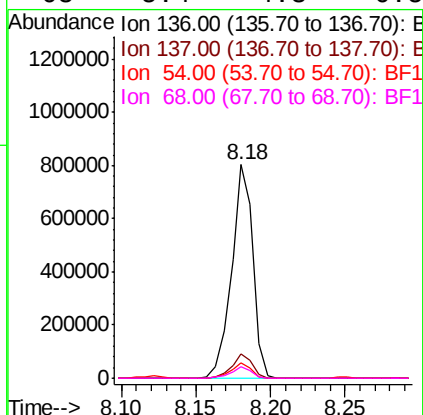
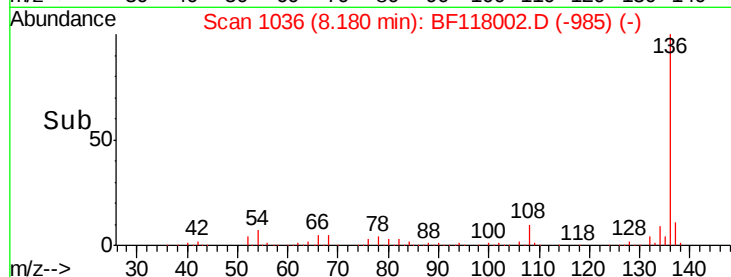
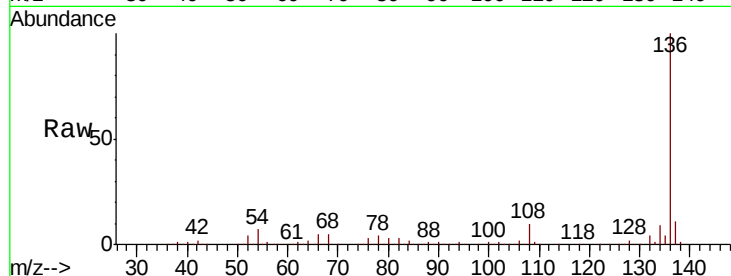




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

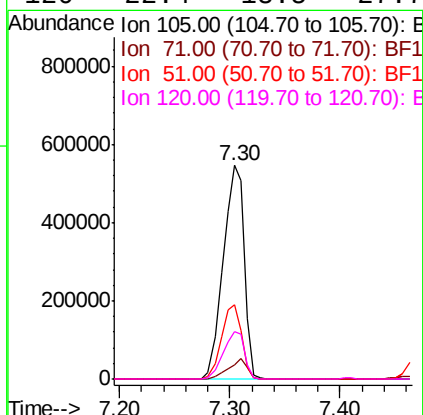
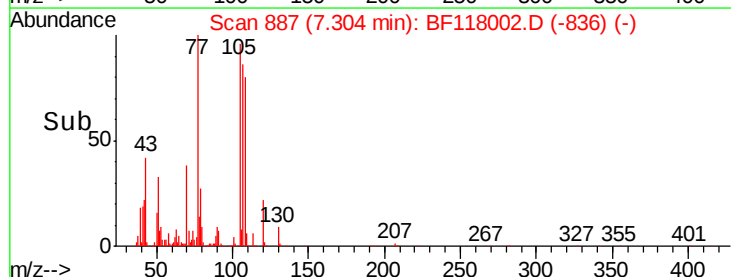
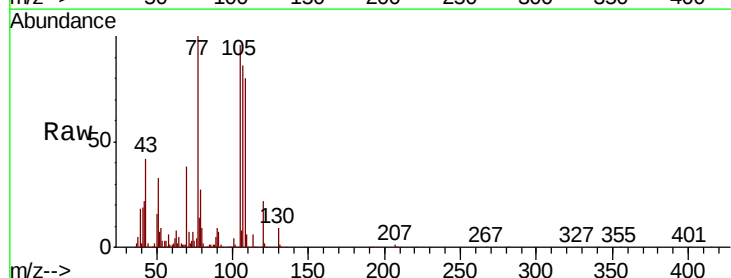
Instrument :
BNA_F
ClientSampleId :

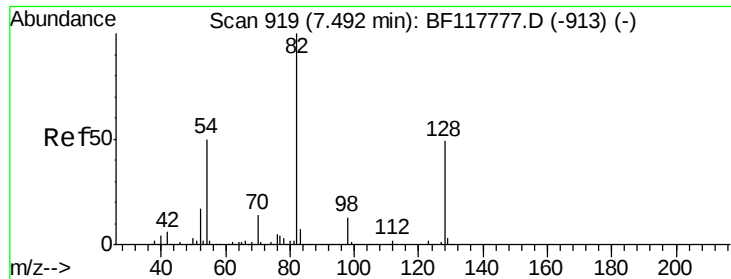
Tot Ion:136	Resp:	804032
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	7.0	5.4 8.2
68	5.4	4.3 6.5



#22
Acetophenone
Concen: 40.092 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:105	Resp:	724232
Ion	Ratio	Lower Upper
105	100	
71	6.9	4.9 7.3
51	34.7	22.7 34.1#
120	22.4	18.5 27.7

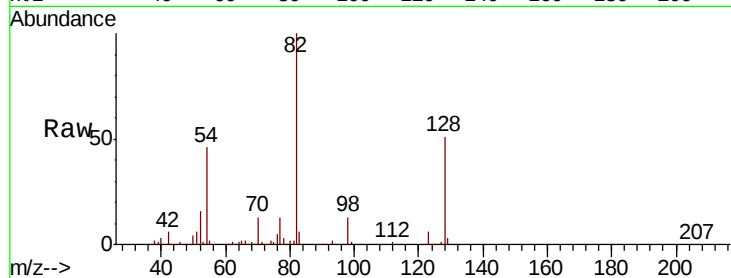




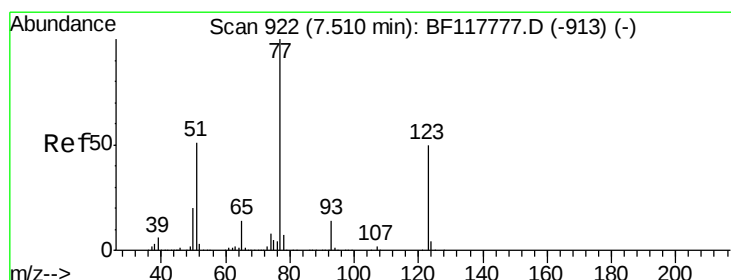
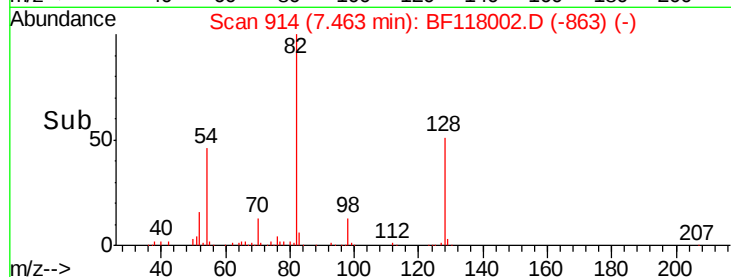
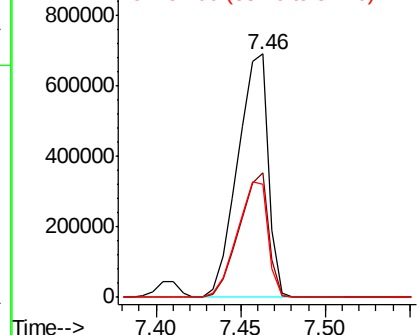
#23
 Nitrobenzene-d5
 Concen: 64.427 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	871398
Ion Ratio	100	Lower	Upper
128	51.1	38.9	58.3
54	46.3	39.8	59.6

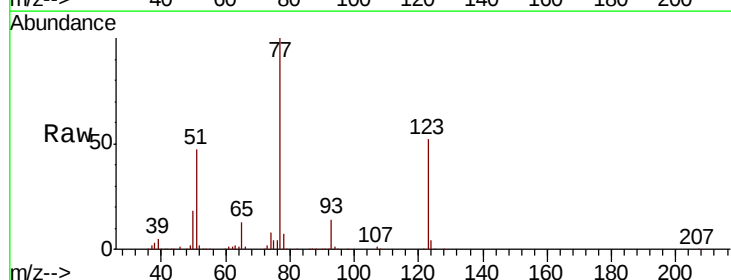


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

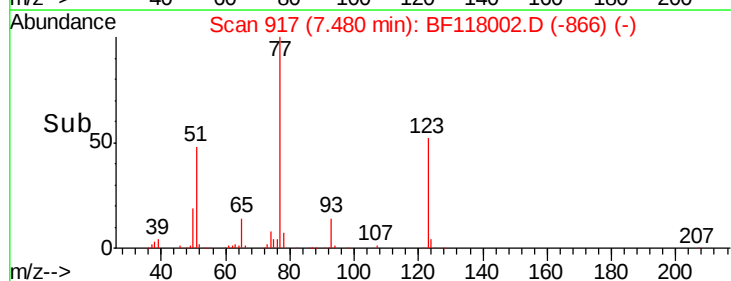
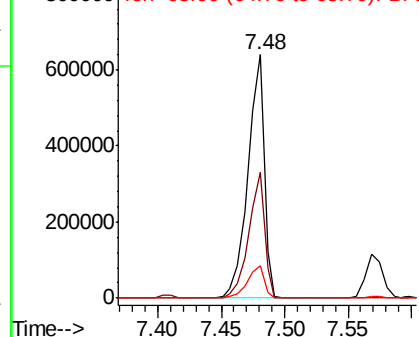


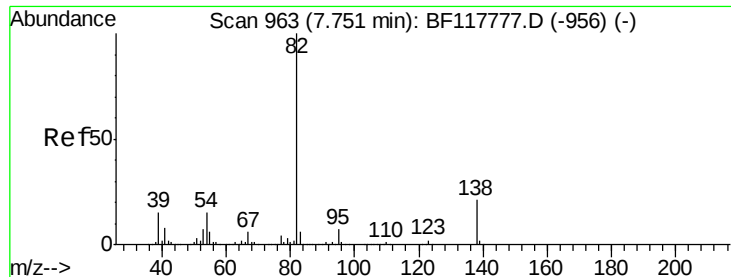
#24
 Nitrobenzene
 Concen: 40.545 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion	77	Resp	565731
Ion Ratio	100	Lower	Upper
123	51.7	40.3	60.5
65	13.4	10.9	16.3



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

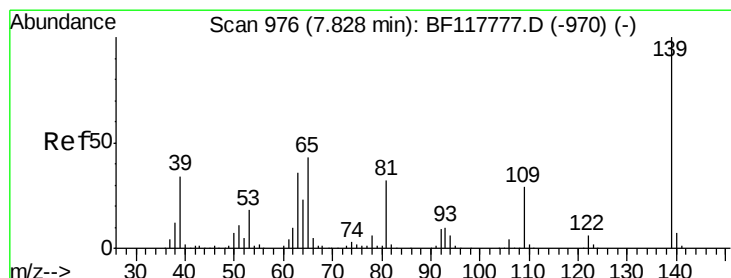
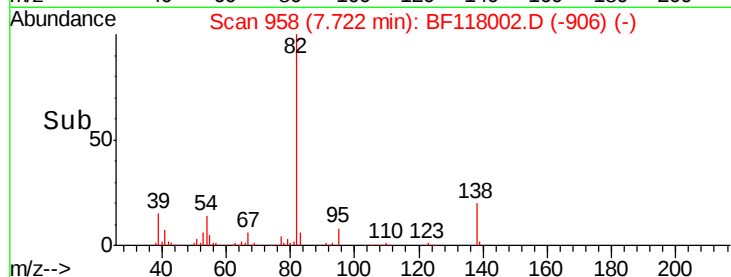
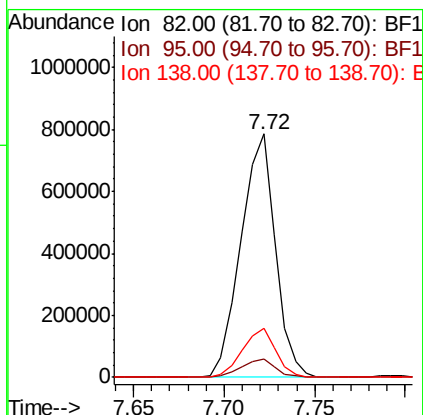
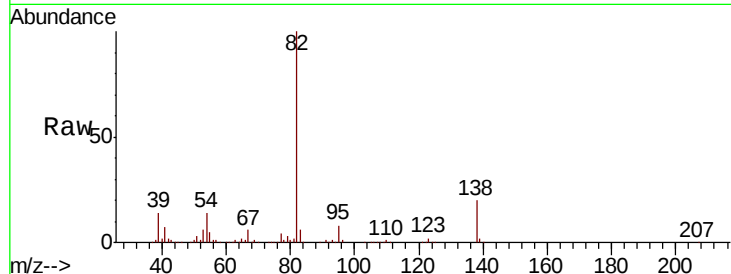




#25
Isophorone
Concen: 41.879 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

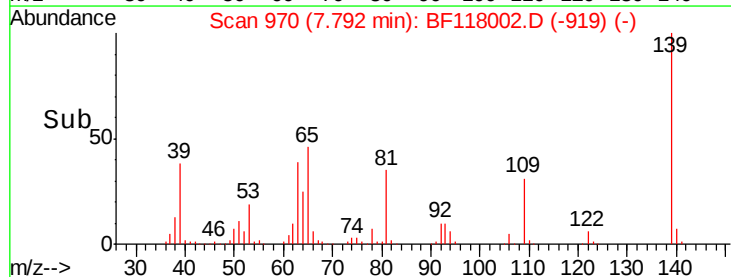
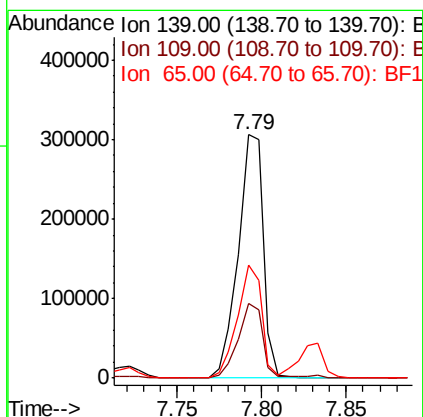
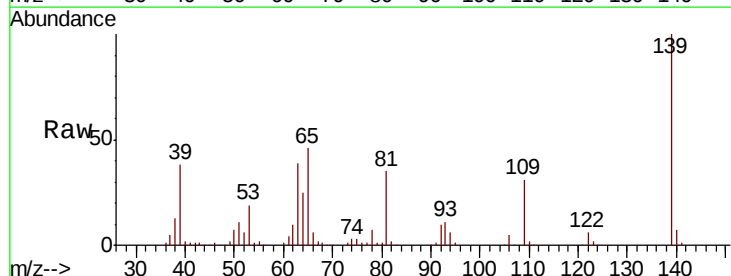
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1038178
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 20.0 16.5 24.7



#26
2-Nitrophenol
Concen: 46.926 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion: 139 Resp: 318694
Ion Ratio Lower Upper
139 100
109 30.6 23.0 34.4
65 46.3 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 49.486 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

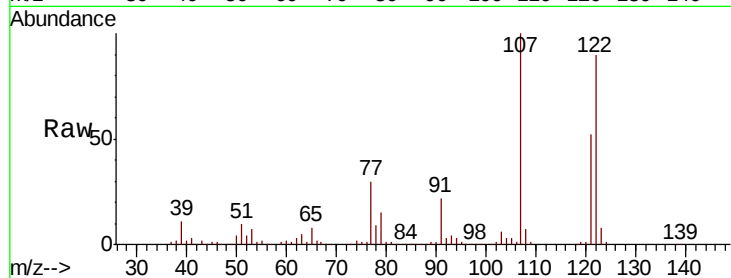
Tot Ion:122 Resp: 522237

Ion Ratio Lower Upper

122 100

107 111.7 90.0 135.0

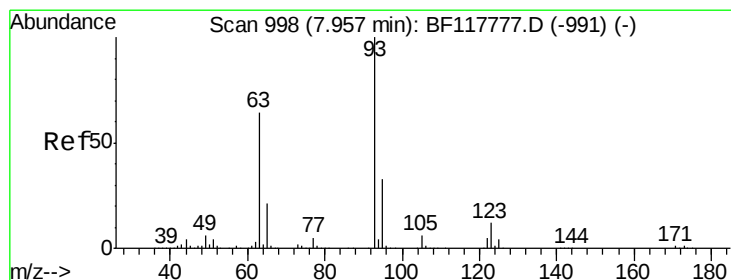
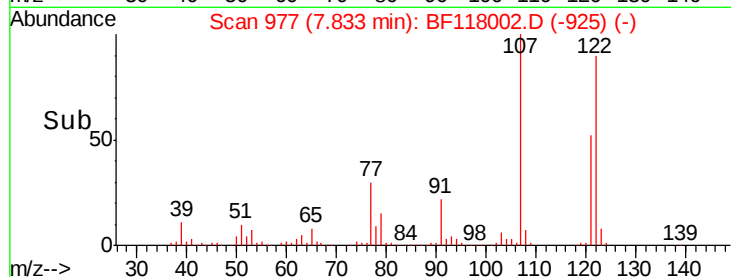
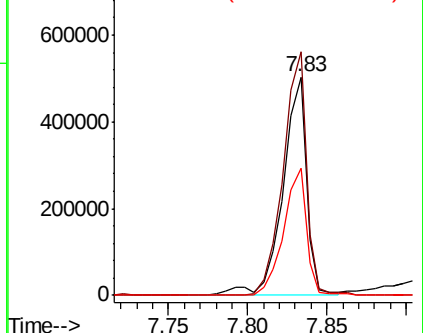
121 58.3 46.7 70.1



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: 39.317 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

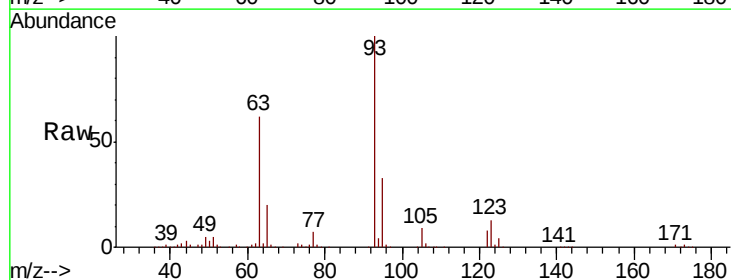
Tgt Ion: 93 Resp: 618497

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

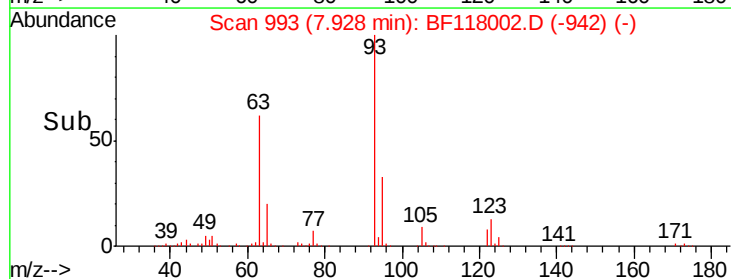
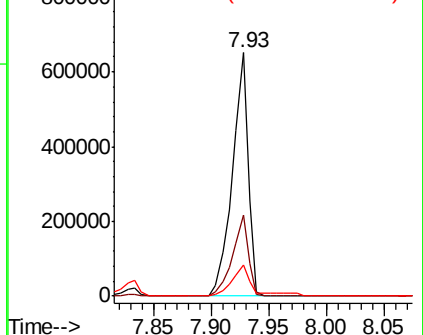
123 12.8 10.3 15.5

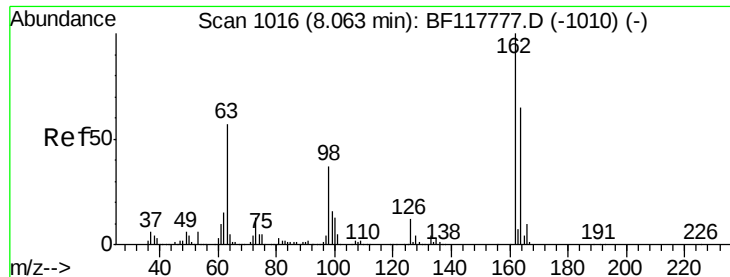


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

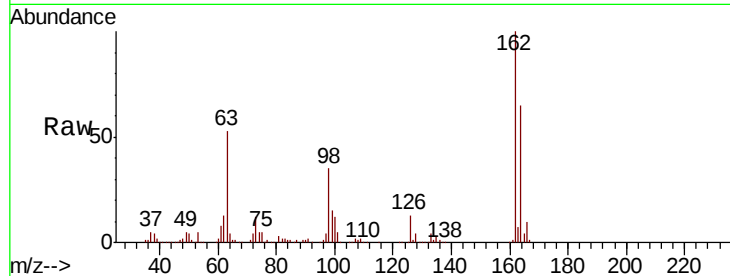




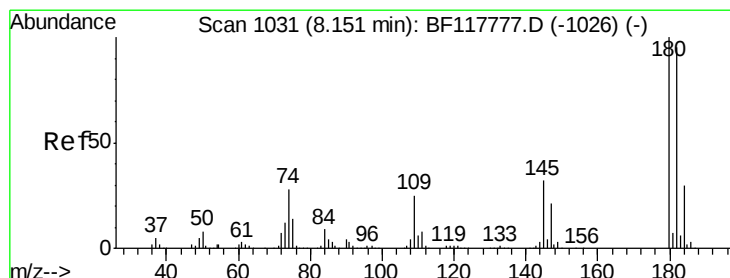
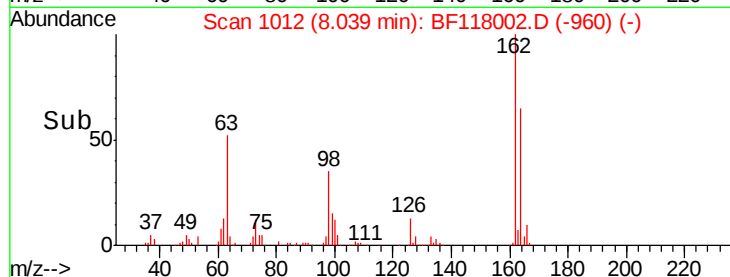
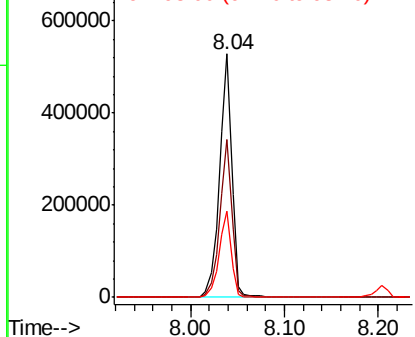
#29
2,4-Dichlorophenol
Concen: 42.305 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	35.4	17.2	57.2

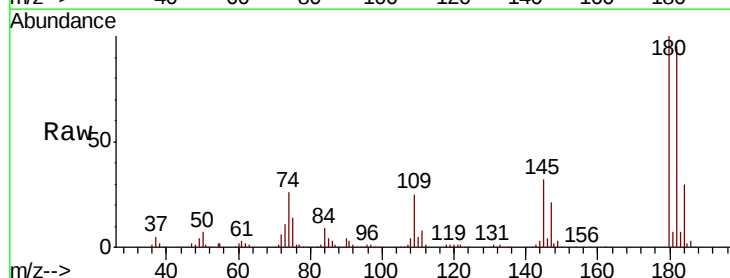


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

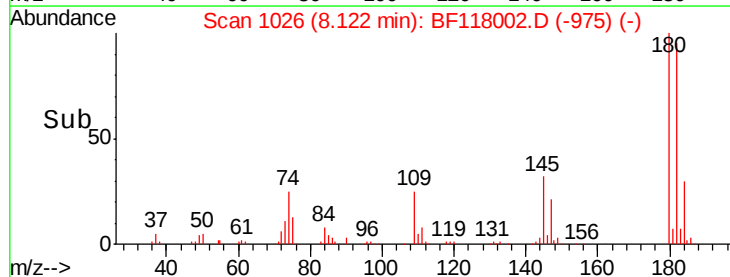
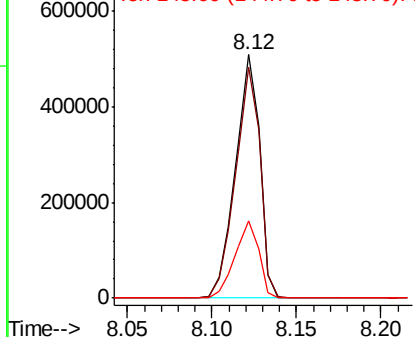


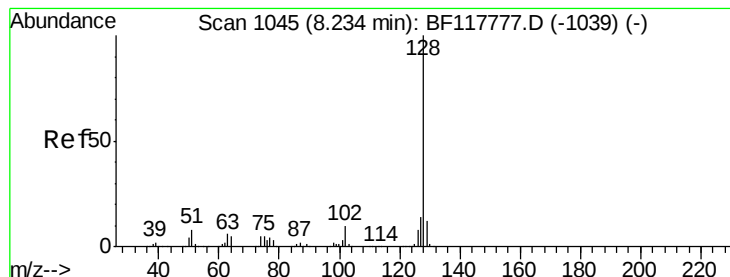
#30
1,2,4-Trichlorobenzene
Concen: 38.358 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	31.9	25.5	38.3



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

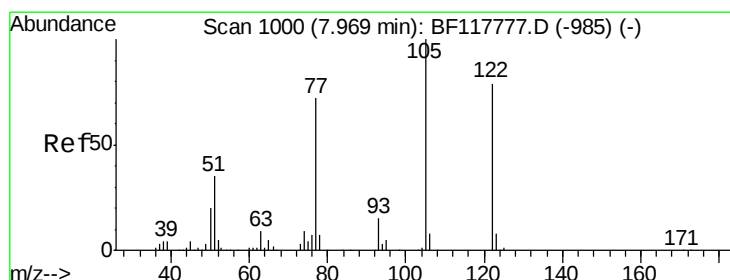
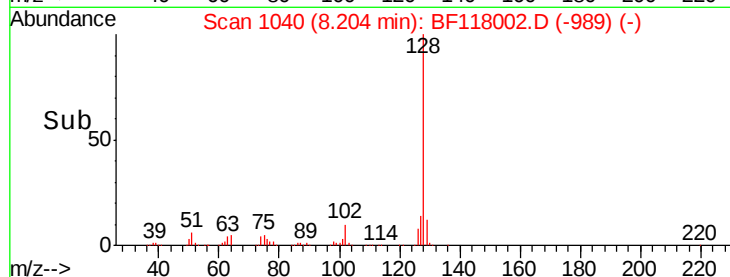
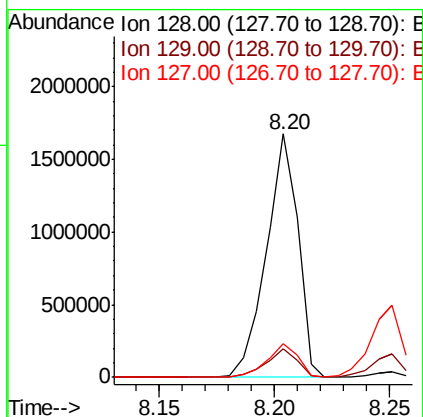
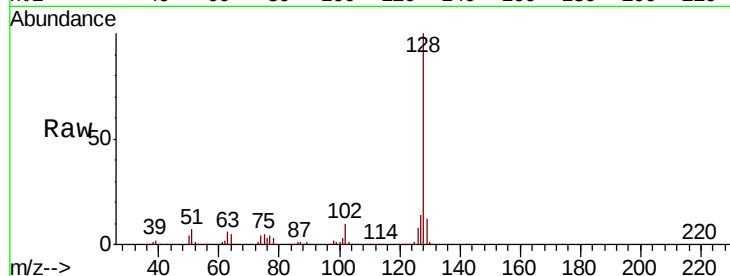




#31
Naphthalene
Concen: 42.525 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

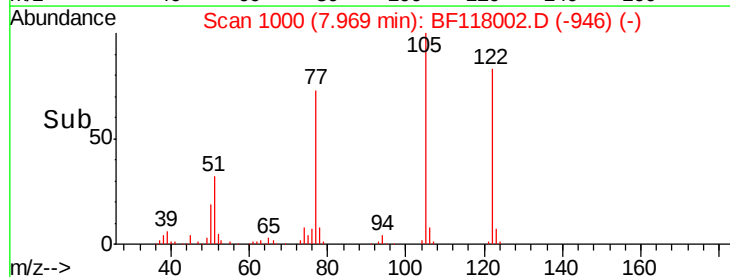
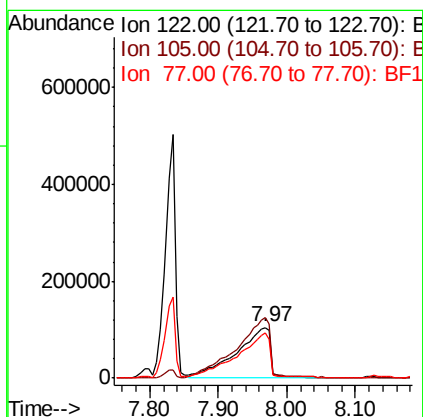
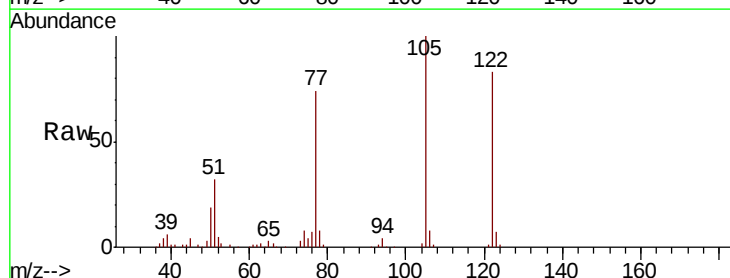
Instrument :
BNA_F
ClientSampleId :

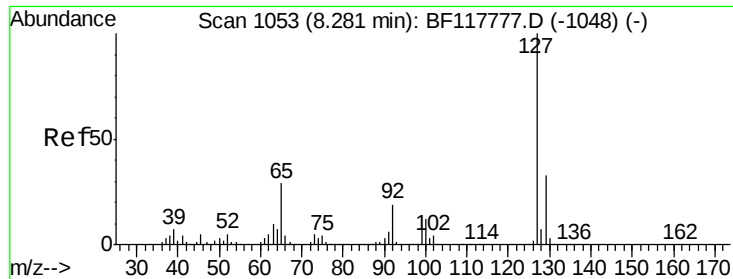
Tot Ion:128 Resp: 1593970
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 41.308 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:122 Resp: 365010
Ion Ratio Lower Upper
122 100
105 120.7 102.7 142.7
77 89.0 70.5 110.5

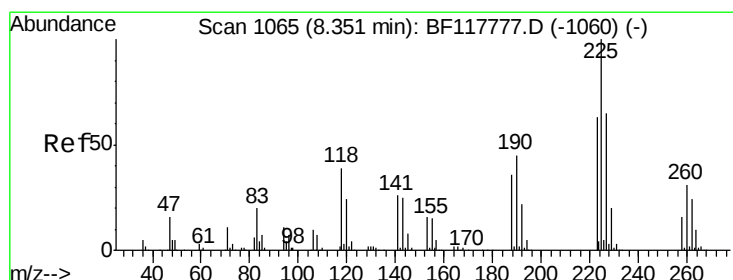
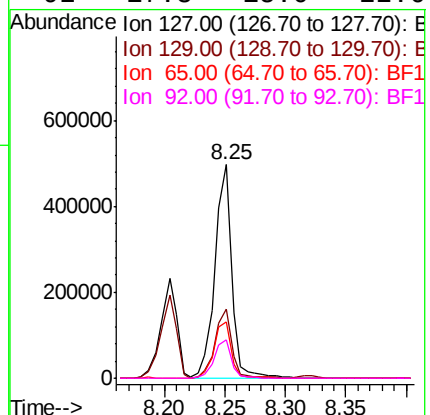
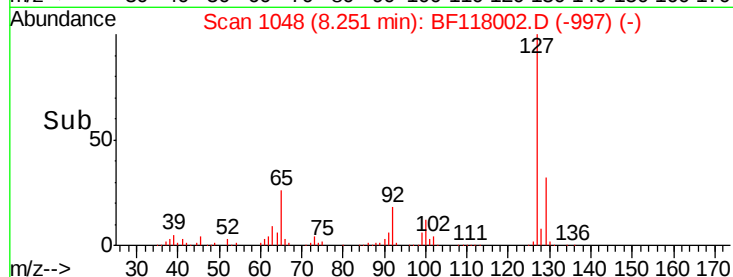
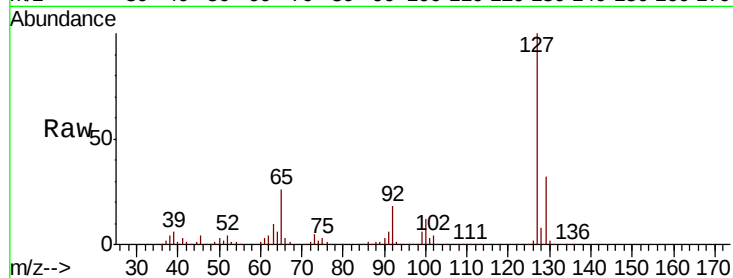




#33
4-Chloroaniline
Concen: 28.353 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

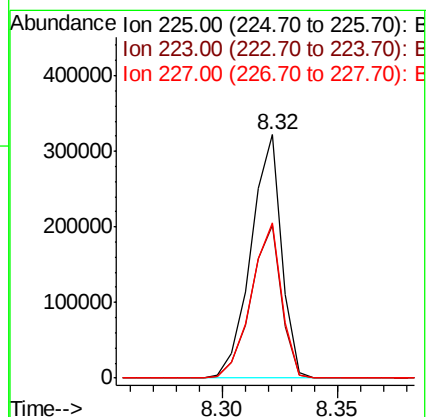
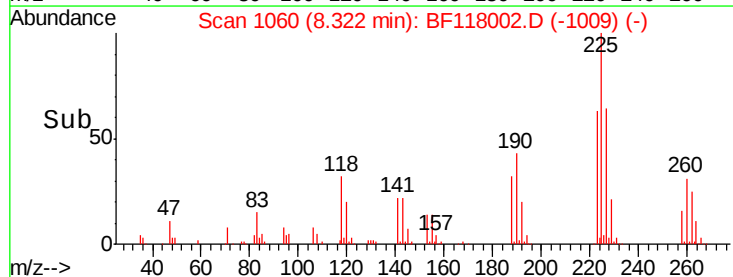
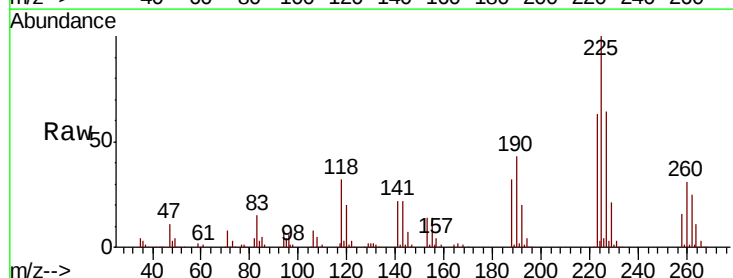
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	475785
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	26.1	22.9	34.3
92	17.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.226 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:	225	Resp:	296755
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.0	75.0
227	64.0	51.8	77.6

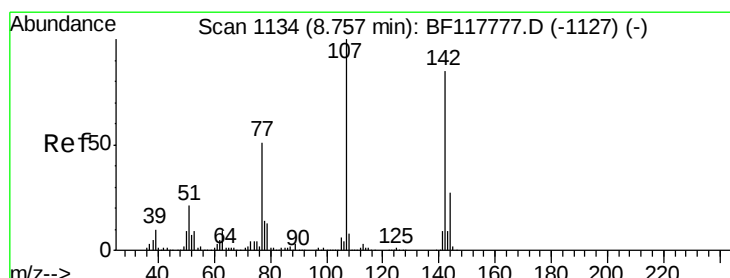
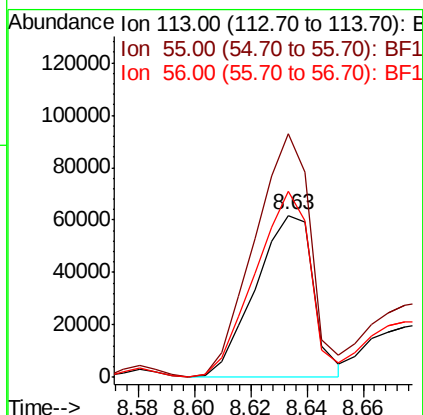
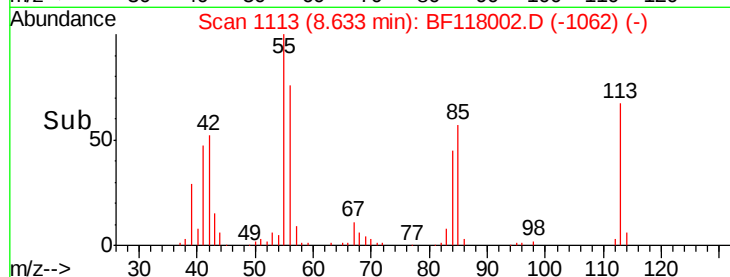
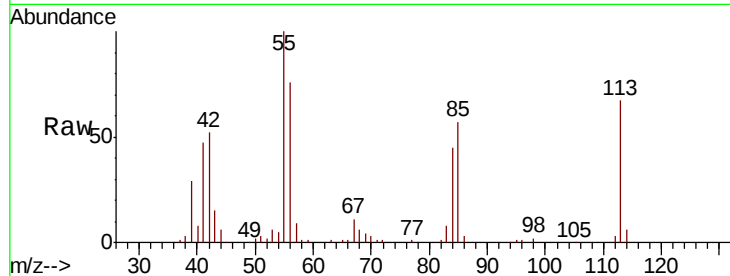




#35
Caprolactam
Concen: 24.206 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

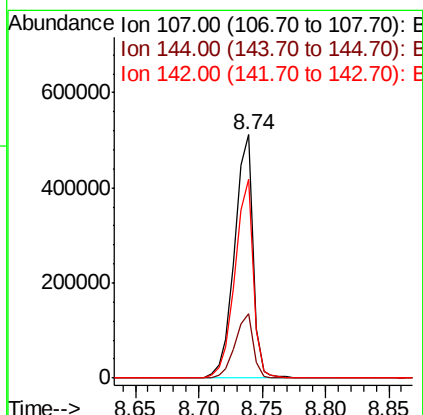
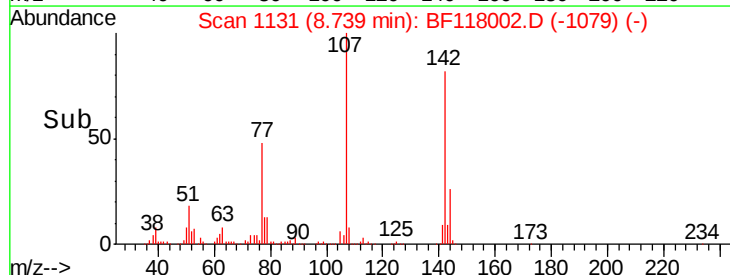
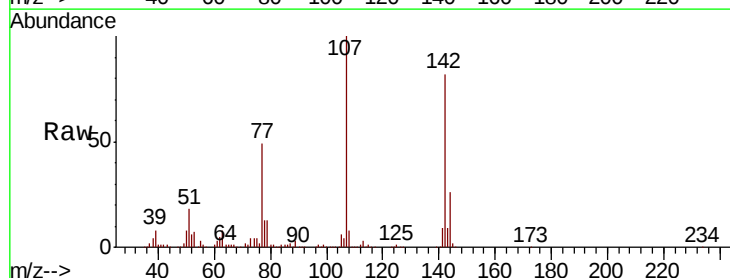
Instrument :
BNA_F
ClientSampleId :

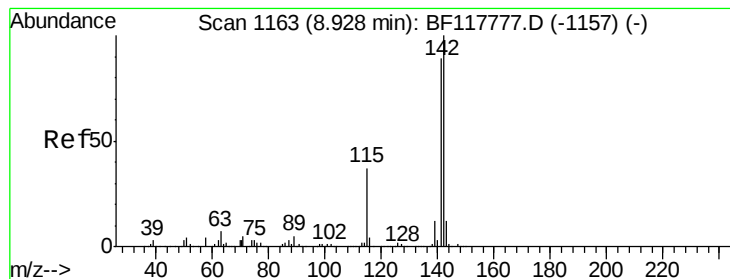
Tot Ion:113 Resp: 88065
Ion Ratio Lower Upper
113 100
55 150.1 141.1 181.1
56 114.7 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 44.178 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:107 Resp: 513226
Ion Ratio Lower Upper
107 100
144 26.4 21.9 32.9
142 81.8 67.7 101.5





#37

2-Methylnaphthalene

Concen: 43.722 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

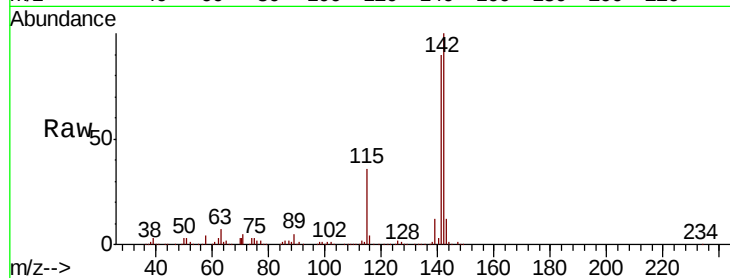
Tot Ion:142 Resp: 1107309

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

115 36.4 29.2 43.8

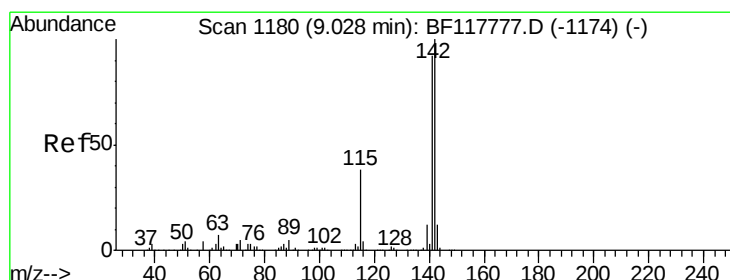
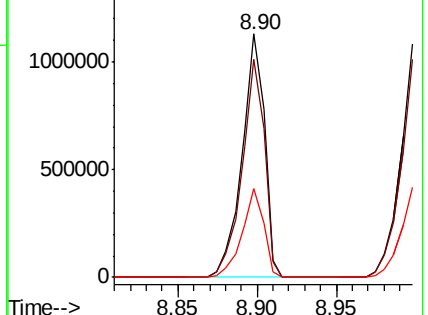
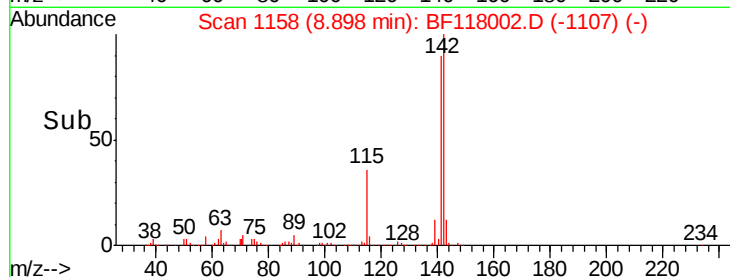


Abundance

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: 43.408 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

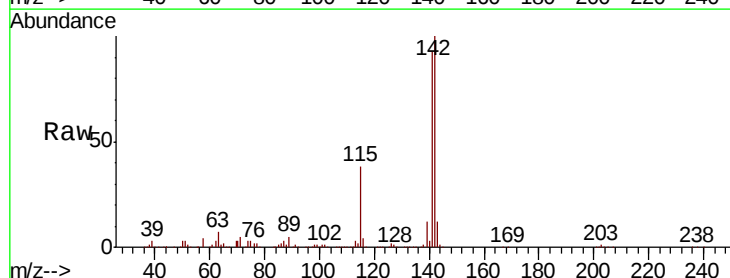
Tgt Ion:142 Resp: 1039324

Ion Ratio Lower Upper

142 100

141 93.3 73.5 110.3

116 4.0 3.2 4.8

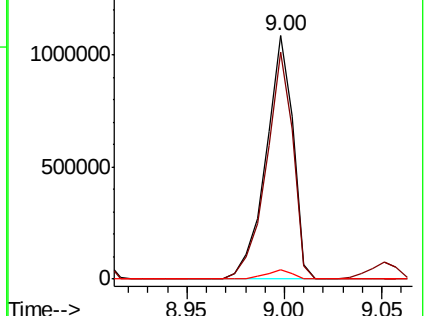
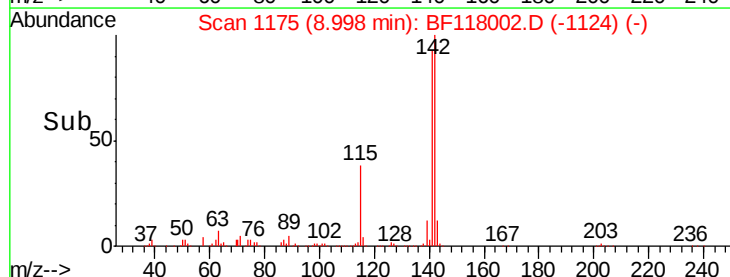


Abundance

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

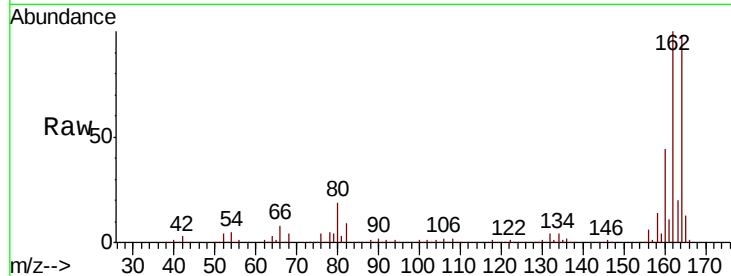




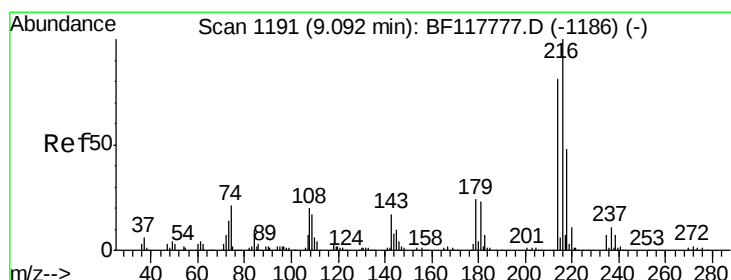
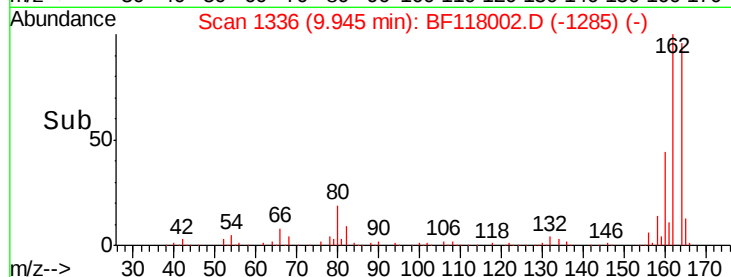
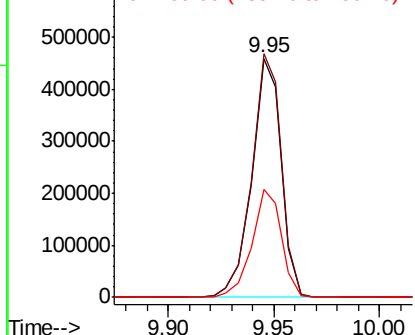
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 446151
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 44.9 36.6 55.0

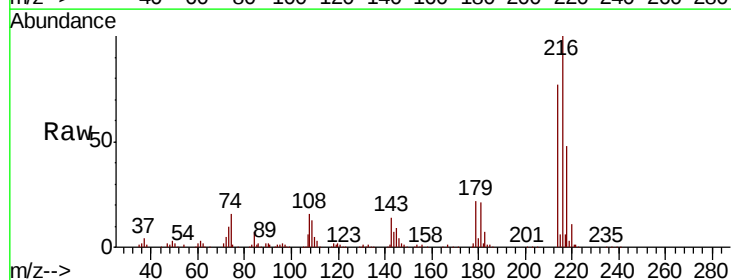


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

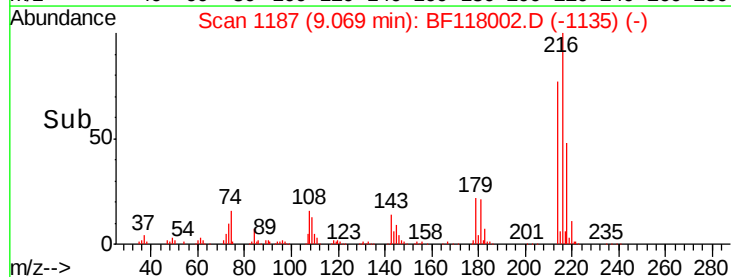
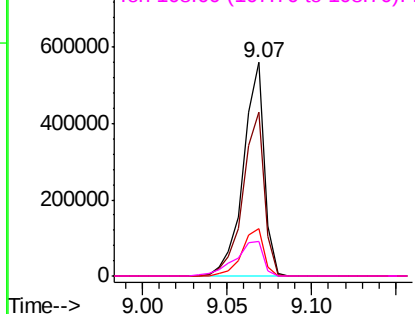


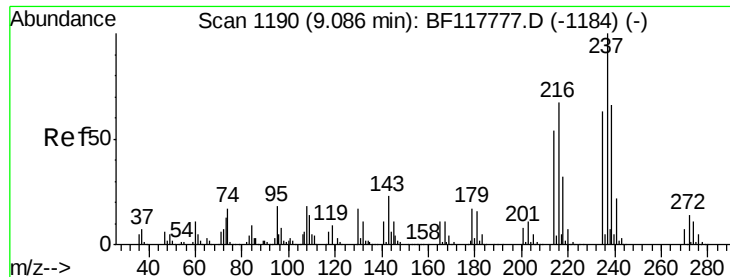
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.472 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:216 Resp: 485518
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 22.9 18.2 27.4
108 21.8 16.0 24.0



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





#41

Hexachlorocyclopentadiene

Concen: 80.755 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

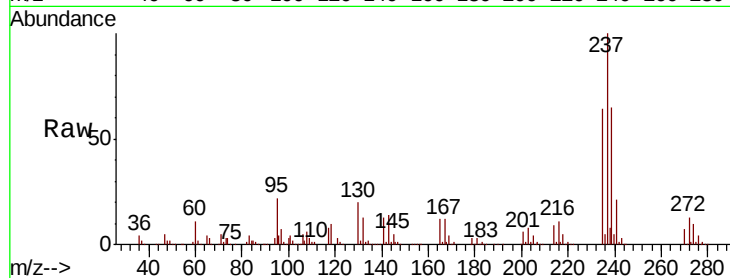
Tot Ion:237 Resp: 586357

Ion Ratio Lower Upper

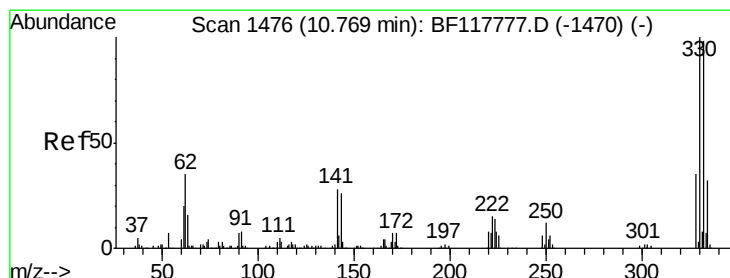
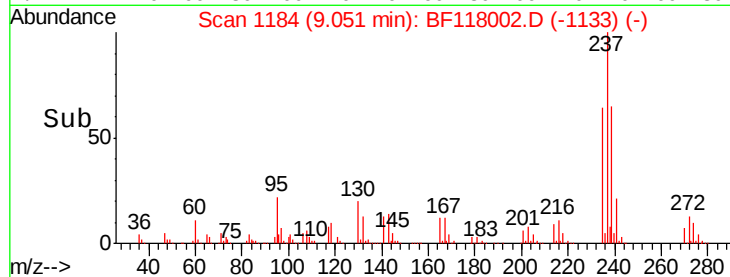
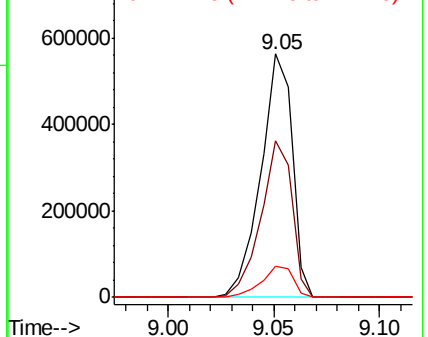
237 100

235 64.4 42.6 82.6

272 12.9 0.0 34.3



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: 121.272 ng

RT: 10.74 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

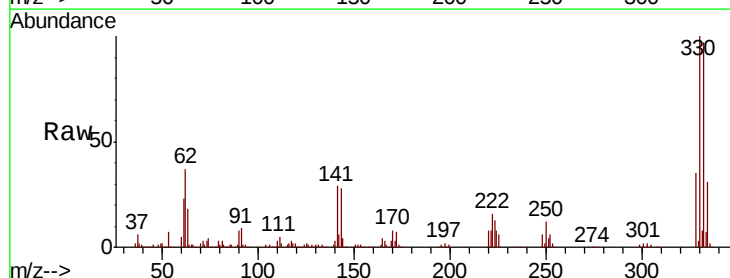
Tgt Ion:330 Resp: 572811

Ion Ratio Lower Upper

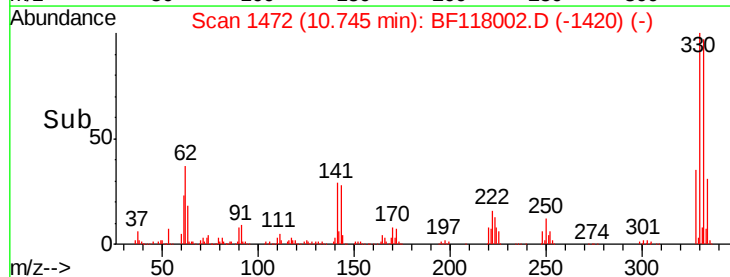
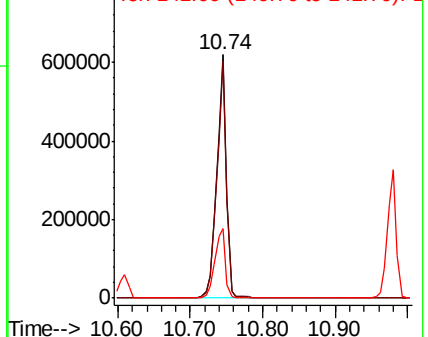
330 100

332 96.9 76.7 115.1

141 31.3 27.7 41.5



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

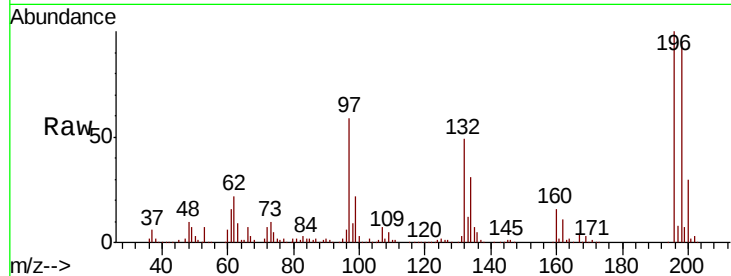




#43
 2,4,6-Trichlorophenol
 Concen: 38.841 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	360461
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.8	116.6
200	29.8	25.4	38.0

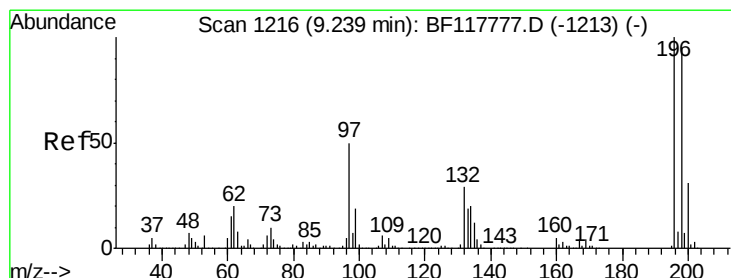
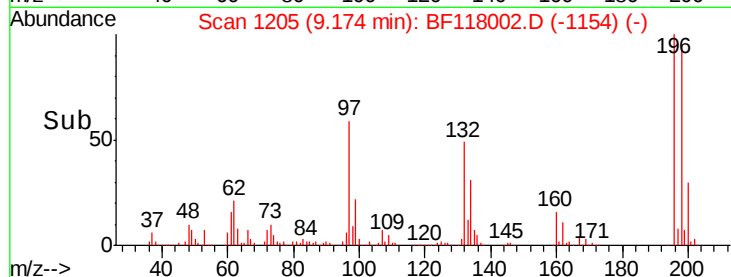
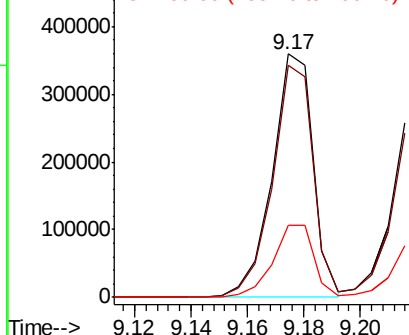


Abundance

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: 39.762 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion	196	Resp	383125
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.3	114.5
97	48.3	40.0	60.0
132	28.8	23.6	35.4

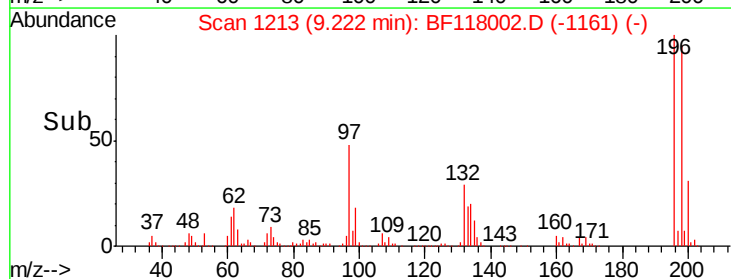
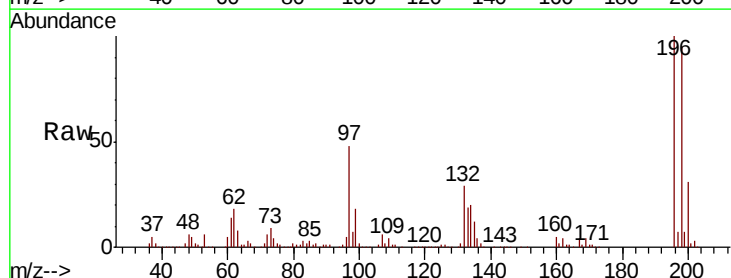
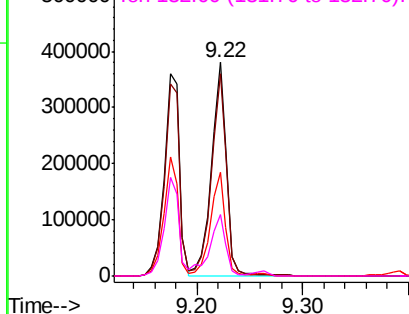
Abundance

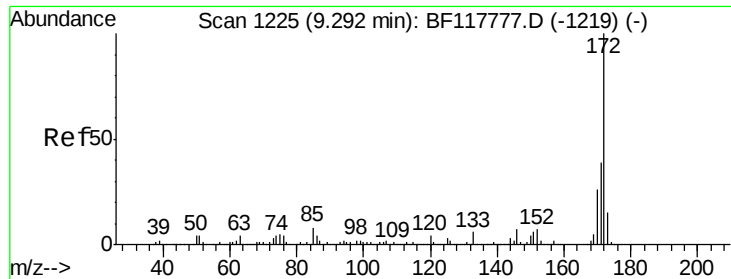
Ion 196.00 (195.70 to 196.70): E

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

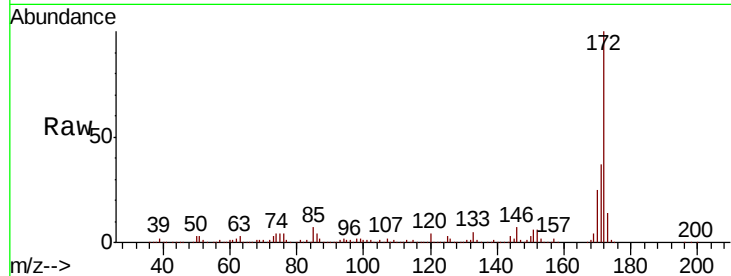




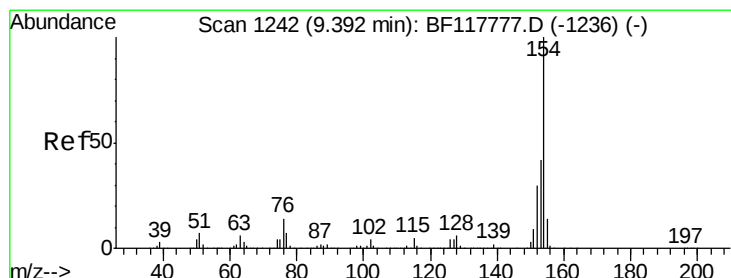
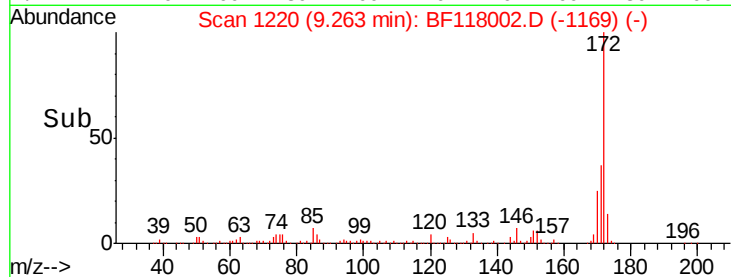
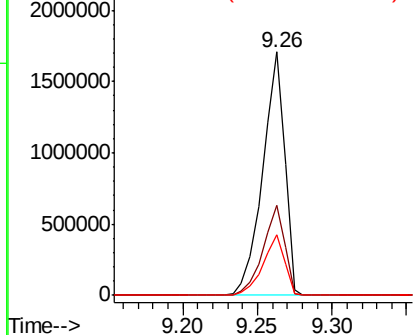
#45
2-Fluorobiphenyl
Concen: 69.382 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1725439
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 24.9 21.0 31.4

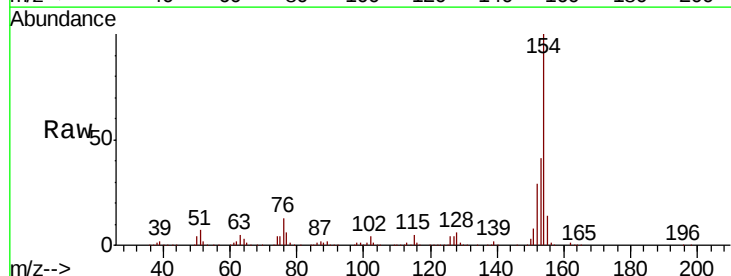


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

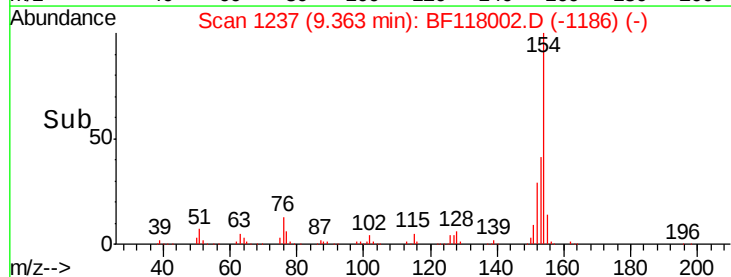
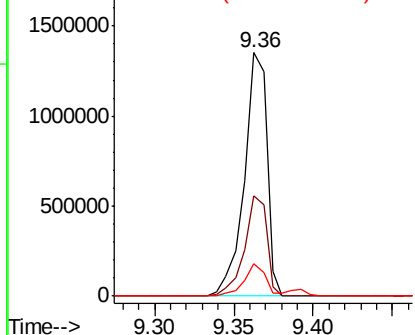


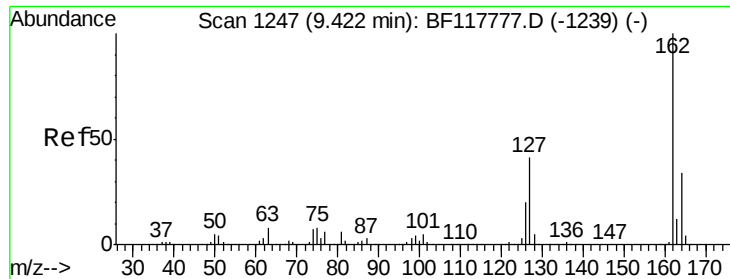
#46
1,1'-Biphenyl
Concen: 40.190 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:154 Resp: 1330315
Ion Ratio Lower Upper
154 100
153 41.3 21.9 61.9
76 13.1 0.0 33.6



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

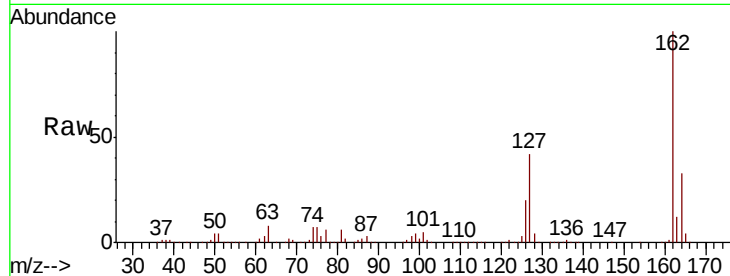




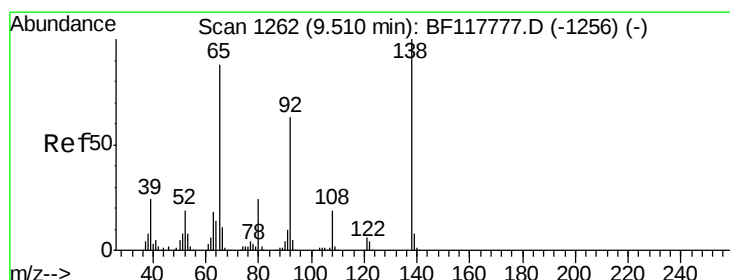
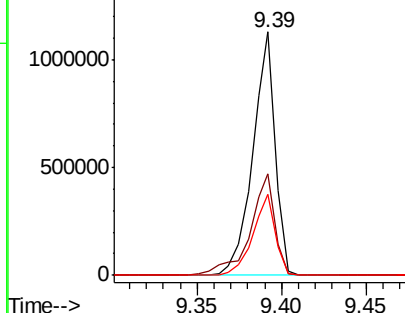
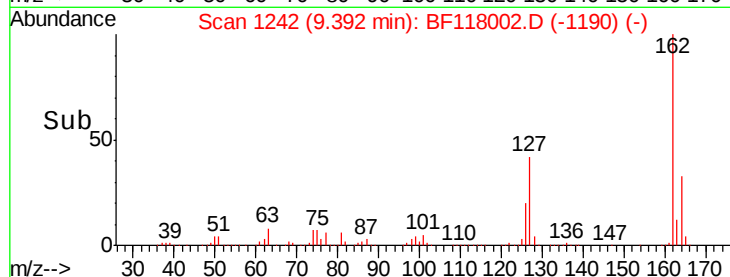
#47
 2-Chloronaphthalene
 Concen: 38.390 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1045349
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.2 49.8
 164 33.1 27.3 40.9

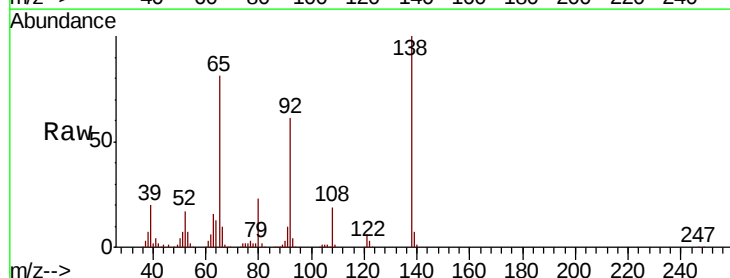


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

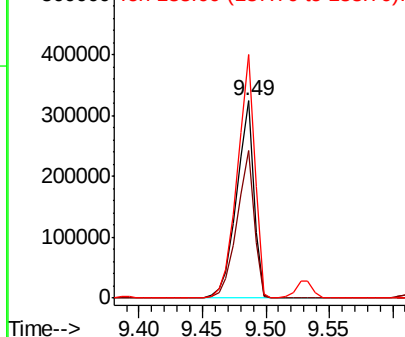
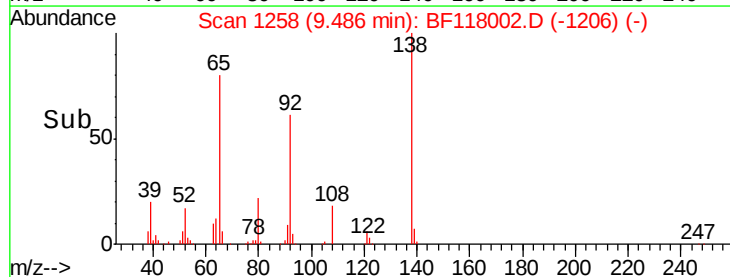


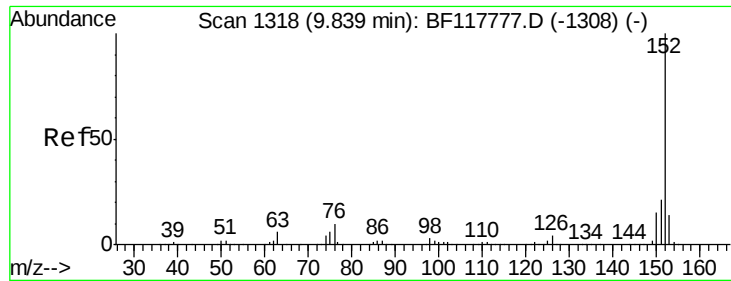
#48
 2-Nitroaniline
 Concen: 36.958 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion: 65 Resp: 303827
 Ion Ratio Lower Upper
 65 100
 92 75.0 56.6 84.8
 138 123.6 90.5 135.7



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





#49

Acenaphthylene

Concen: 41.416 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

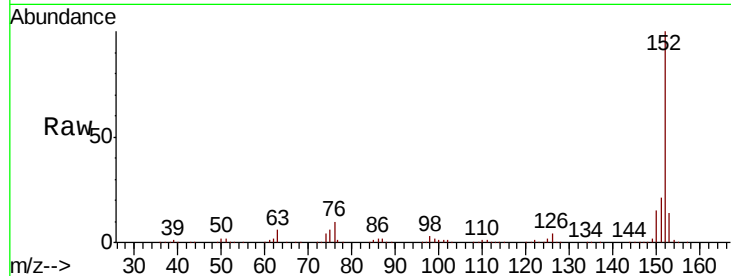
Tot Ion:152 Resp: 1644215

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

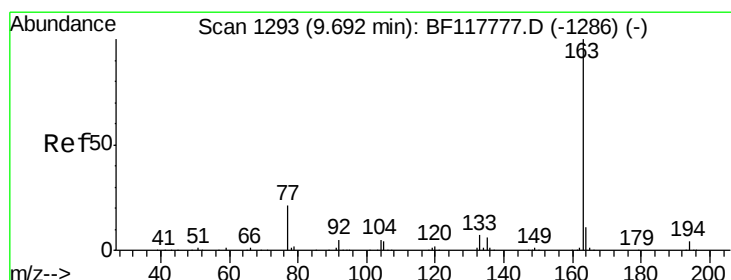
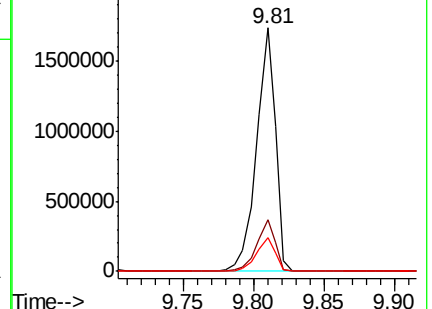
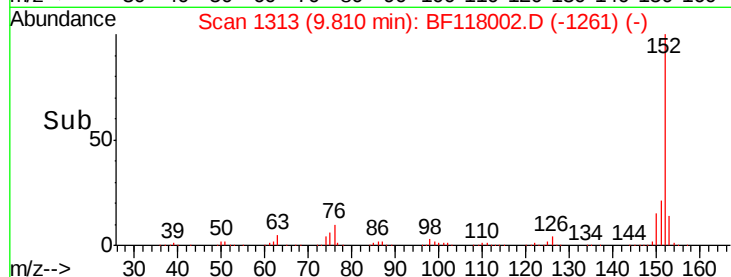
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.394 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

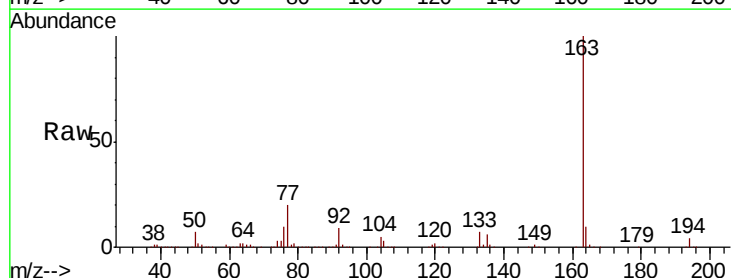
Tgt Ion:163 Resp: 1263759

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

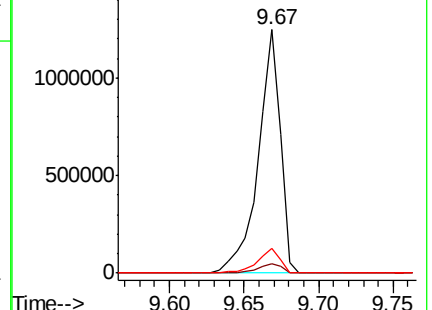
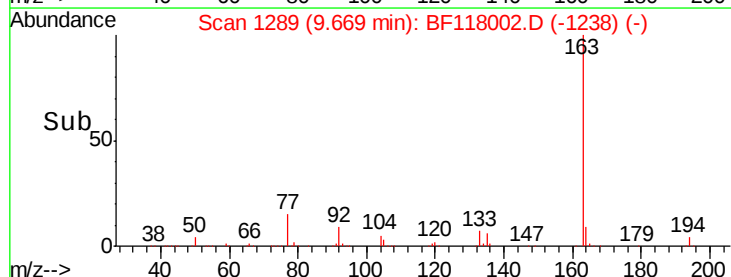
164 10.3 8.7 13.1

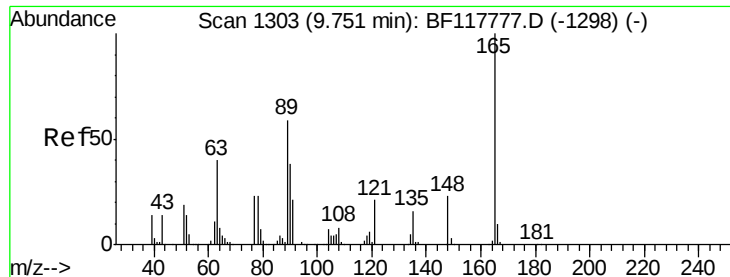


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

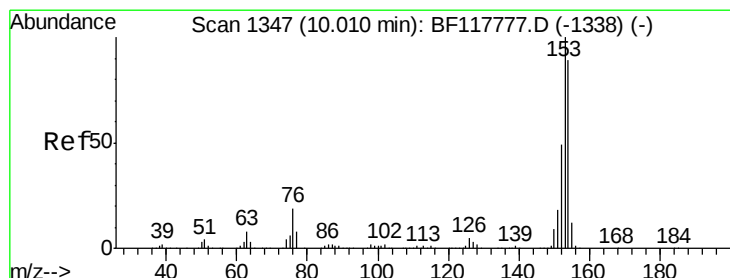
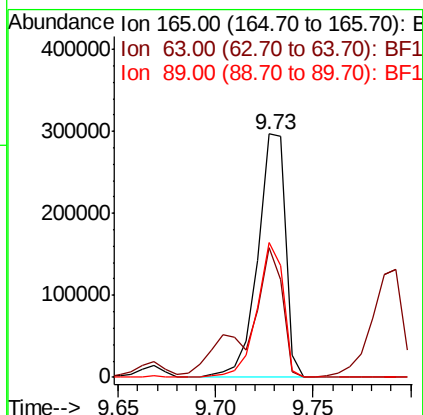
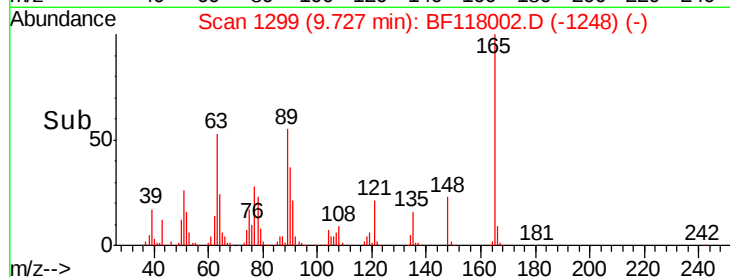
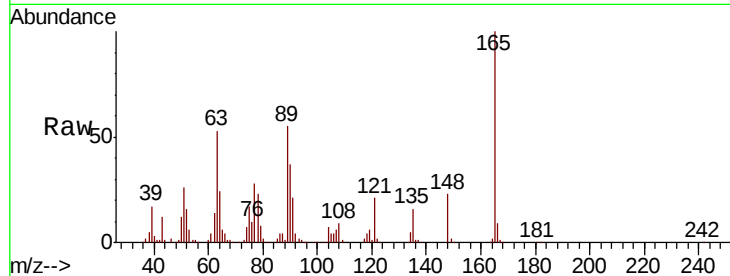




#51
2,6-Dinitrotoluene
Concen: 42.807 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

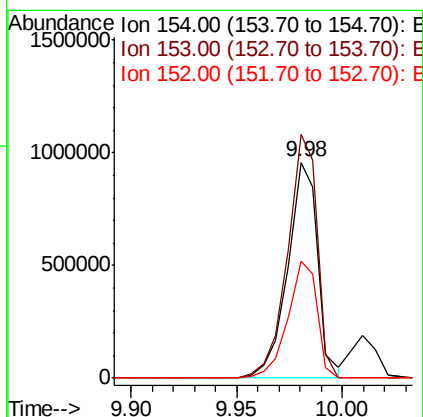
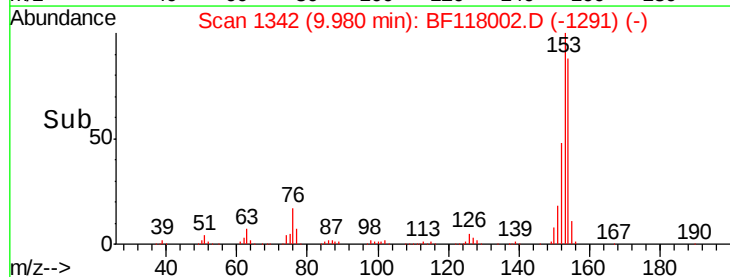
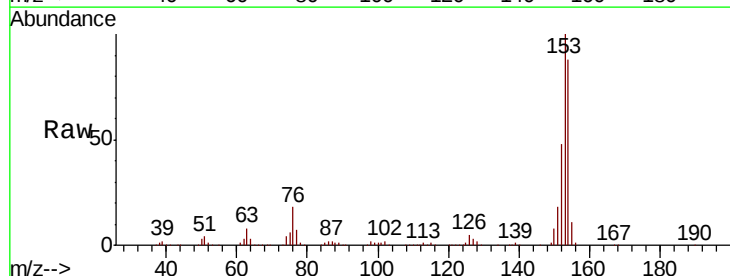
Instrument :
BNA_F
ClientSampled :

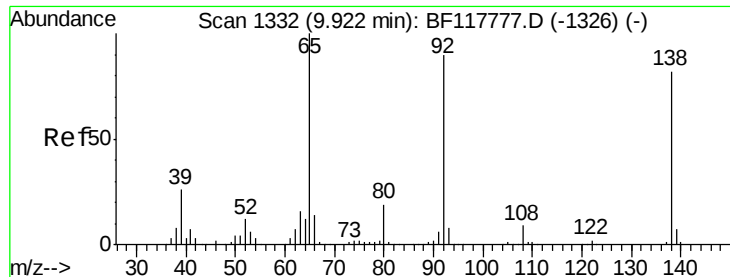
Tot Ion:165 Resp: 292700
Ion Ratio Lower Upper
165 100
63 53.3 46.0 69.0
89 55.2 47.7 71.5



#52
Acenaphthene
Concen: 37.461 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:154 Resp: 952690
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 54.4 44.0 66.0

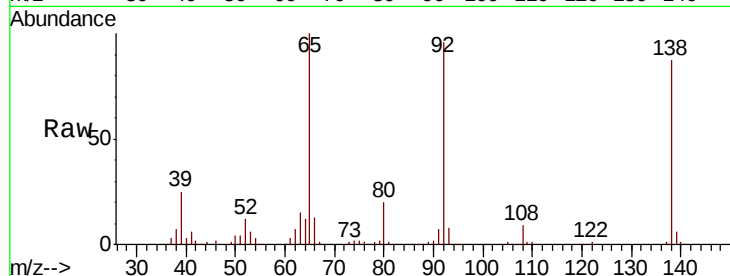




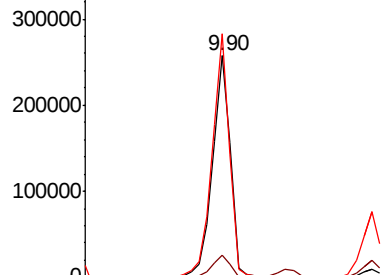
#53
3-Nitroaniline
Concen: 29.195 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

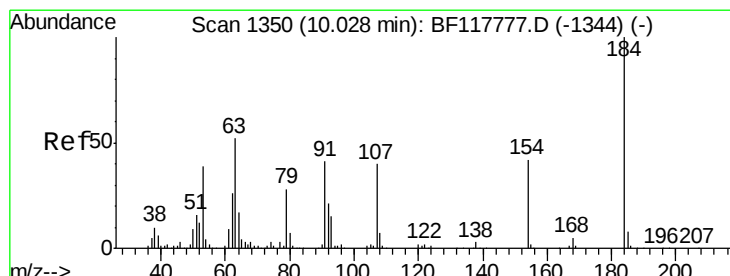
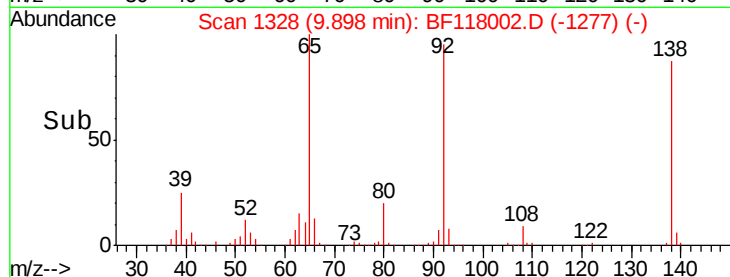
Tot Ion:138 Resp: 238865
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 109.9 87.9 131.9



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

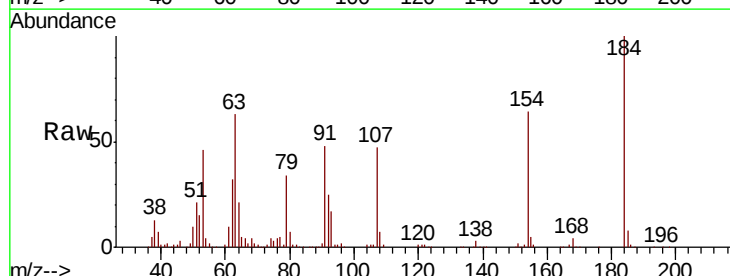


Time--> 9.80 9.90

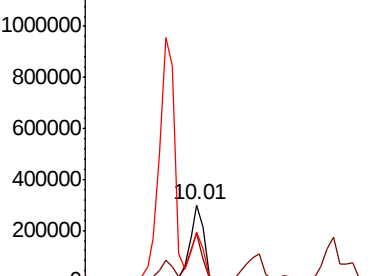


#54
2,4-Dinitrophenol
Concen: 82.916 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

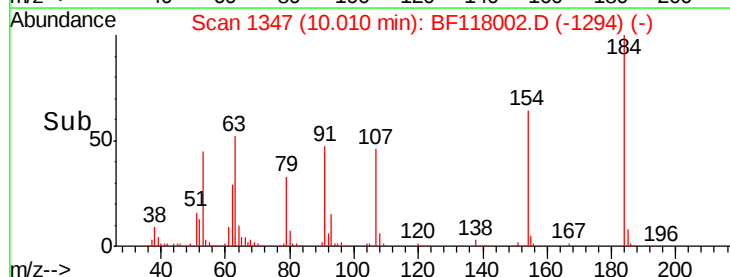
Tgt Ion:184 Resp: 292326
Ion Ratio Lower Upper
184 100
63 63.4 43.0 64.6
154 64.0 48.0 72.0

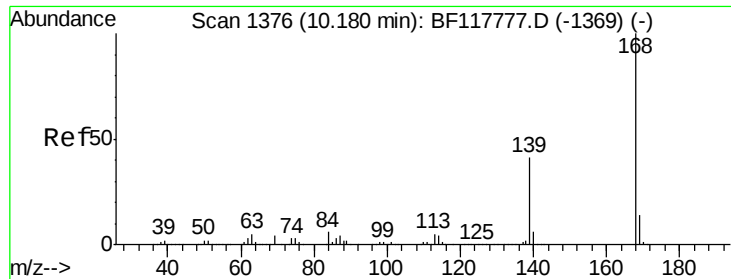


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time--> 10.00 10.10

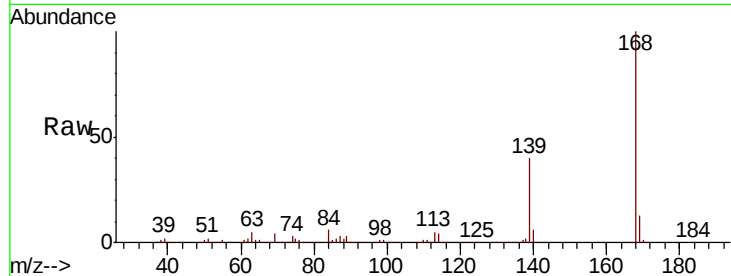




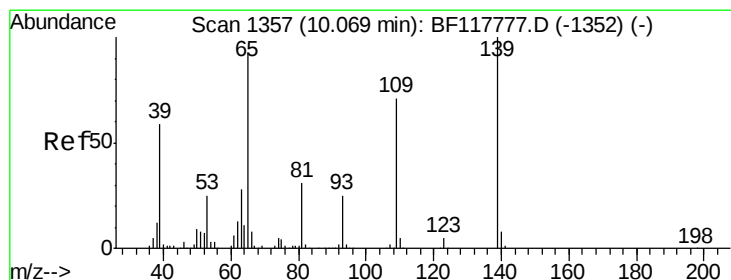
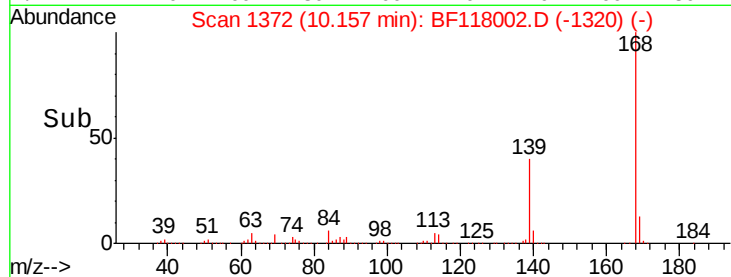
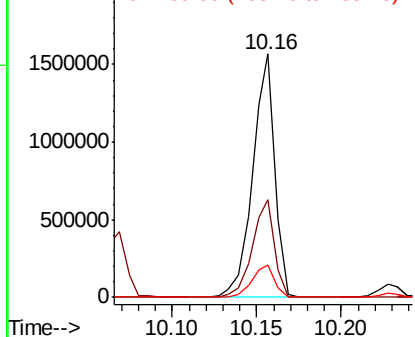
#55
Dibenzenofuran
Concen: 40.662 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1431985
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.5 11.5 17.3

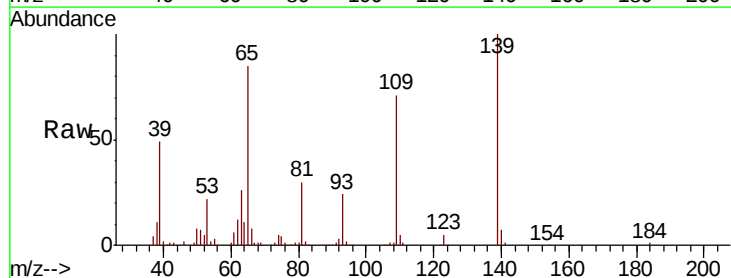


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

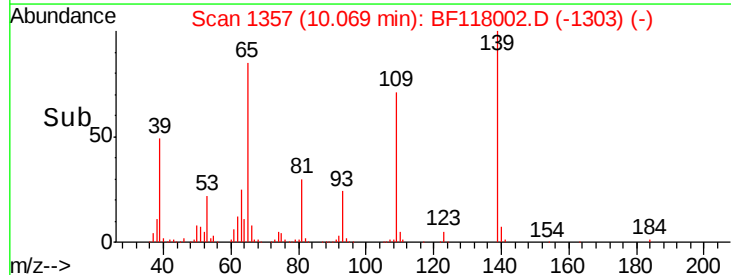
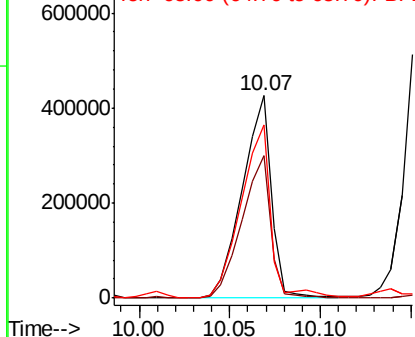


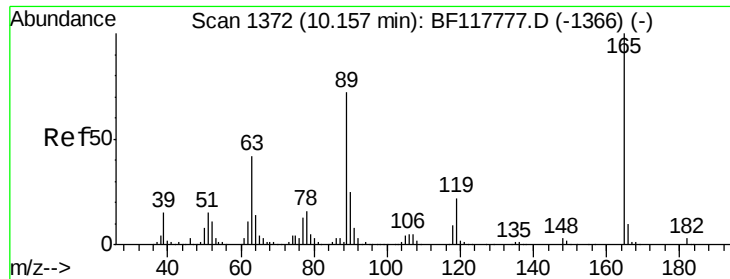
#56
4-Nitrophenol
Concen: 77.936 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:139 Resp: 475965
Ion Ratio Lower Upper
139 100
109 70.8 50.8 90.8
65 85.4 73.6 113.6



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

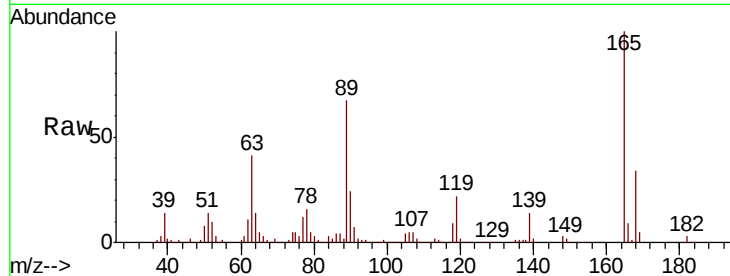




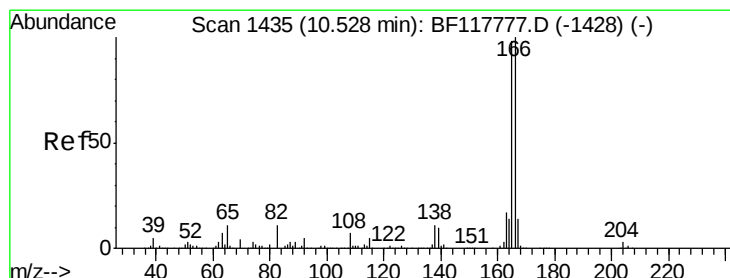
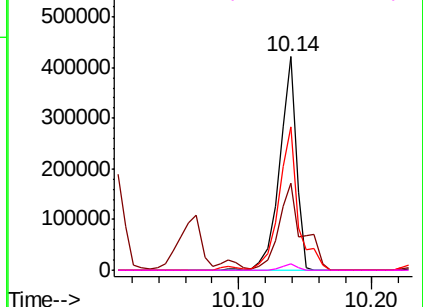
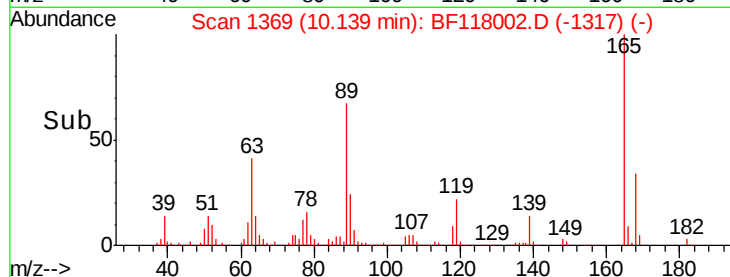
#57
 2,4-Dinitrotoluene
 Concen: 43.023 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 374211
 Ion Ratio Lower Upper
 165 100
 63 40.5 33.7 50.5
 89 66.9 57.3 85.9
 182 2.8 2.3 3.5

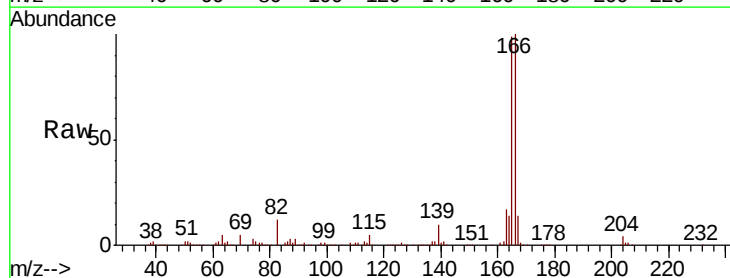


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

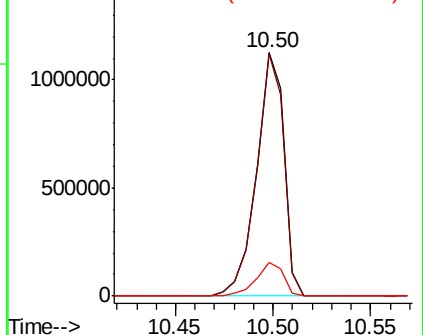
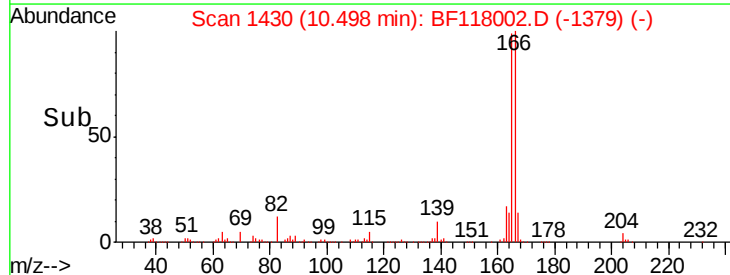


#58
 Fluorene
 Concen: 40.364 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion:166 Resp: 1101554
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.4 117.6
 167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

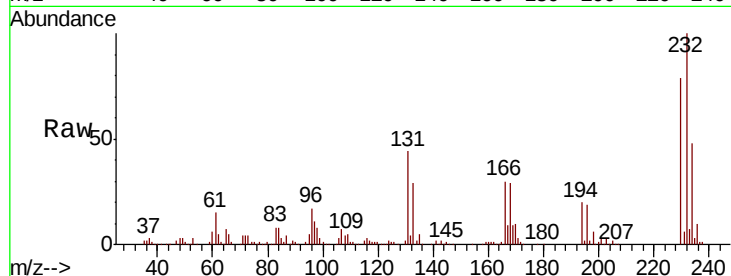




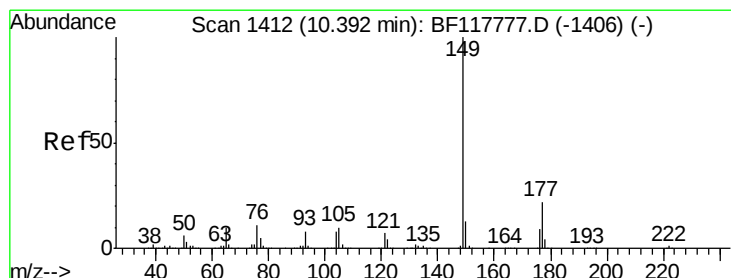
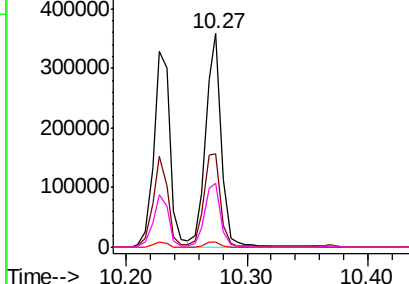
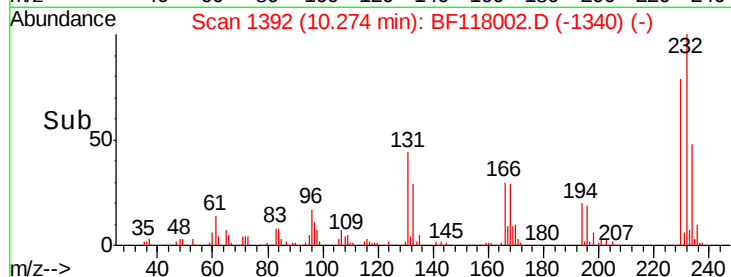
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.330 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 319294
 Ion Ratio Lower Upper
 232 100
 131 47.4 37.6 56.4
 130 2.5 1.9 2.9
 166 31.2 24.2 36.4

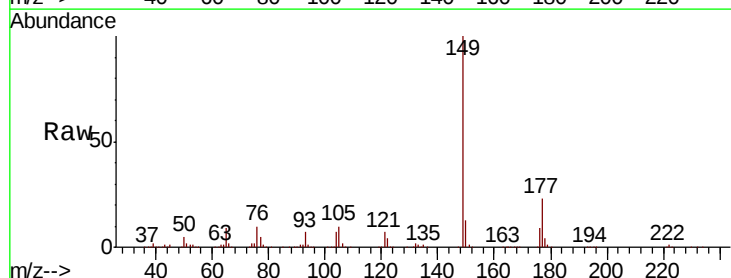


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

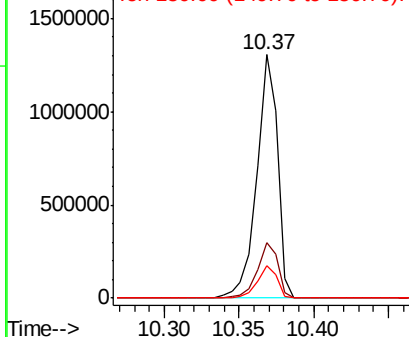
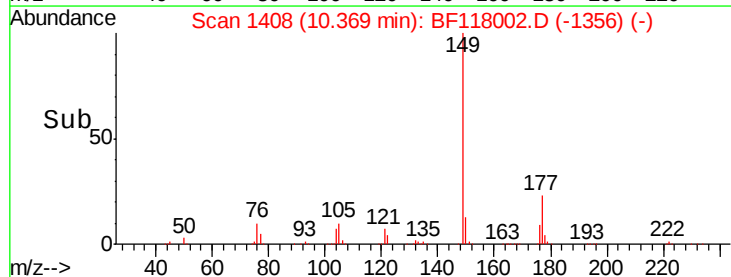


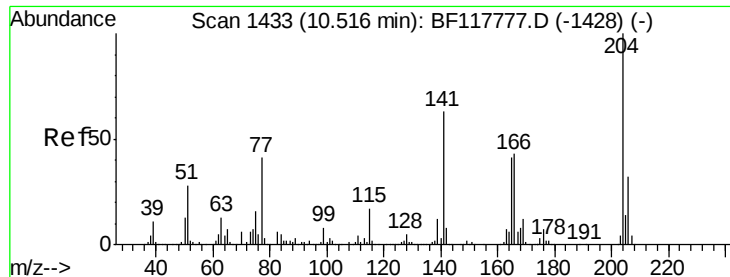
#60
 Diethylphthalate
 Concen: 40.515 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion:149 Resp: 1235771
 Ion Ratio Lower Upper
 149 100
 177 22.6 18.0 27.0
 150 13.2 10.5 15.7



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

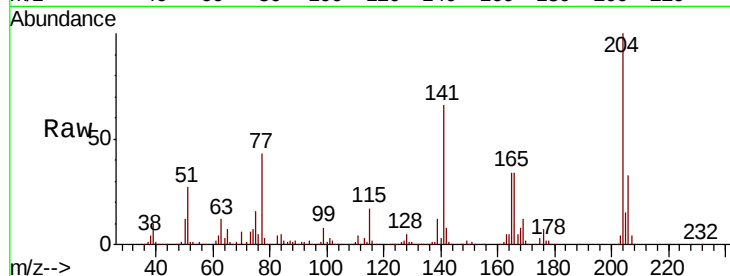




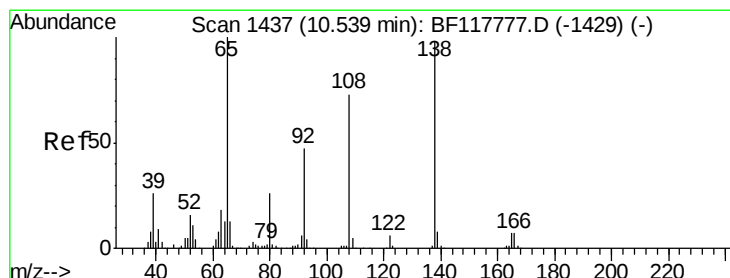
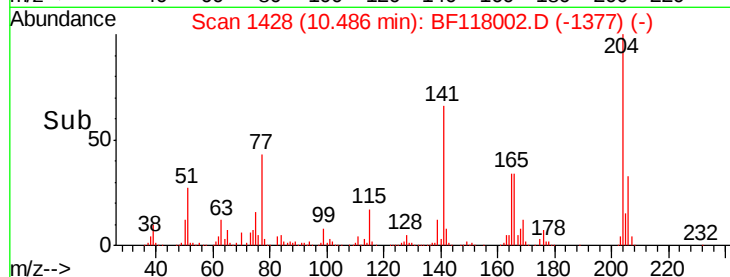
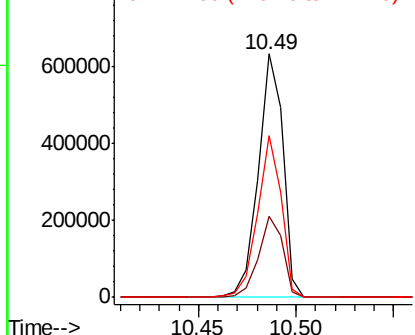
#61
4-Chlorophenyl-phenylether
Concen: 39.977 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 553658
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 66.2 50.7 76.1

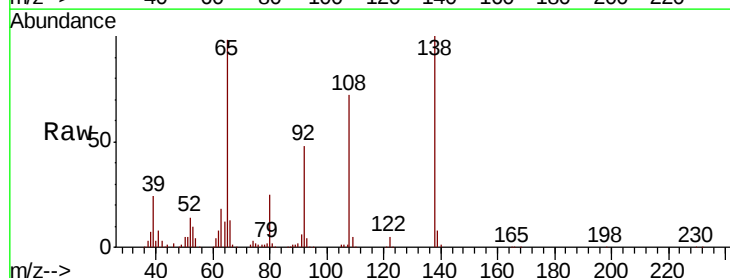


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

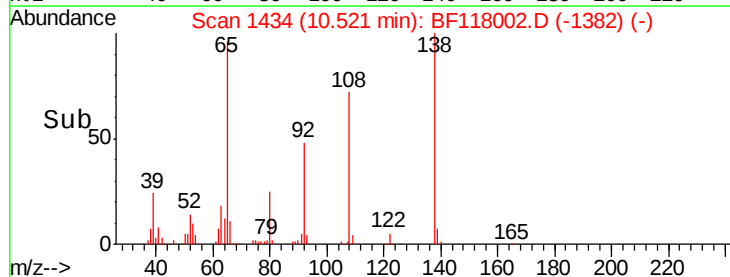
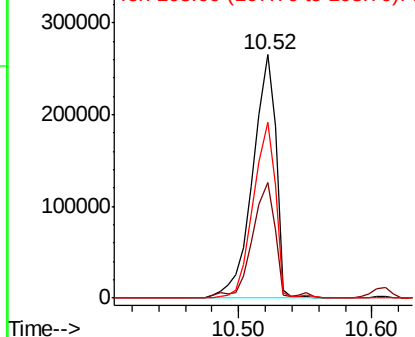


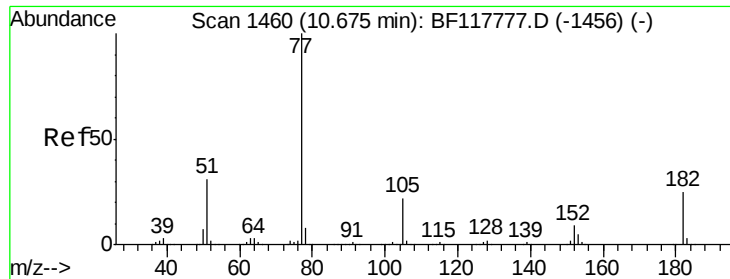
#62
4-Nitroaniline
Concen: 38.695 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:138 Resp: 316989
Ion Ratio Lower Upper
138 100
92 47.6 28.3 68.3
108 72.3 54.3 94.3



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: 39.555 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1097633

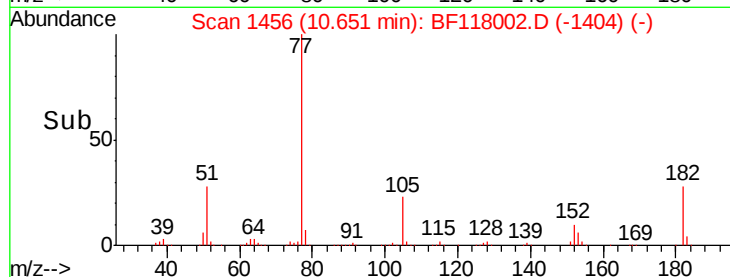
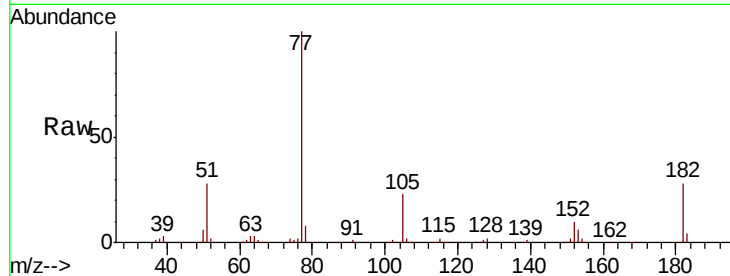
Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.8	44.8
105	23.0	2.1	42.1
51	28.1	11.4	51.4

77 100

182 28.4 4.8 44.8

105 23.0 2.1 42.1

51 28.1 11.4 51.4

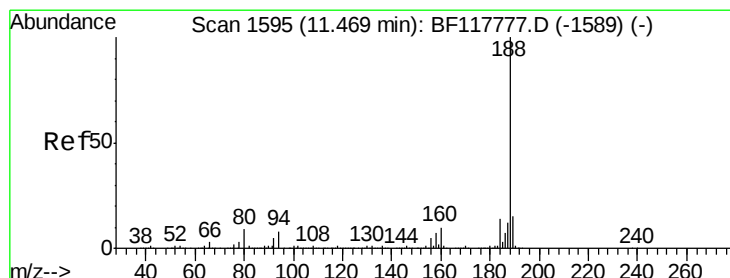
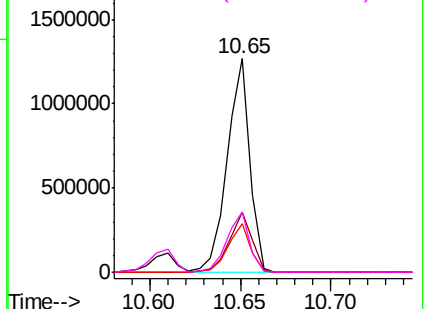


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

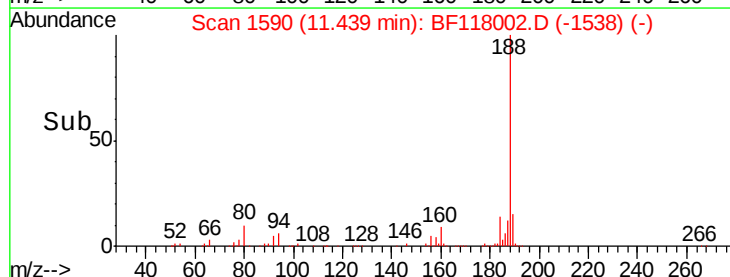
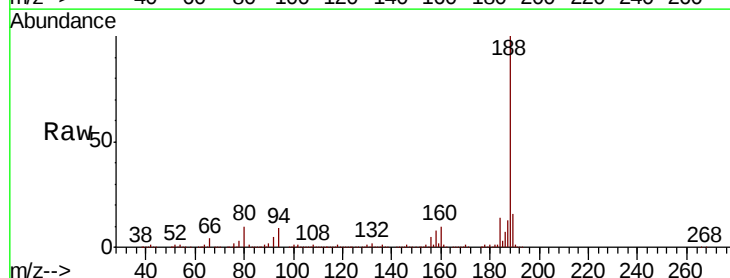
Tgt Ion: 188 Resp: 813925

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.1	7.2	10.8

188 100

94 9.3 6.6 10.0

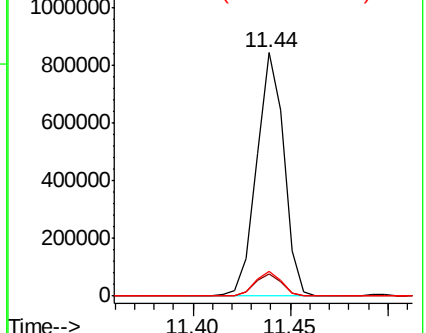
80 10.1 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.278 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampled :

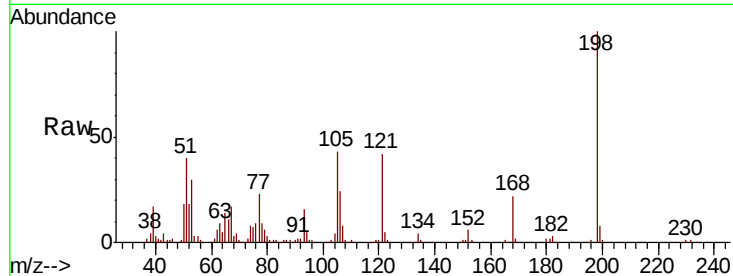
Tot Ion:198 Resp: 206238

Ion Ratio Lower Upper

198 100

51 40.1 16.0 56.0

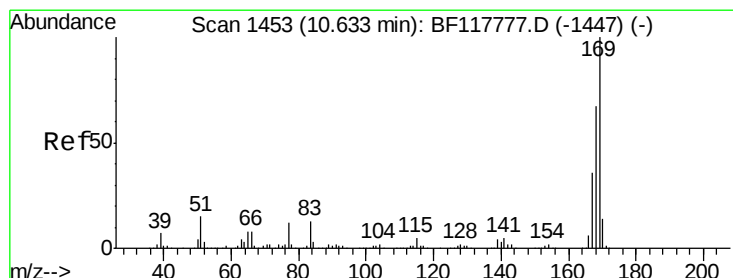
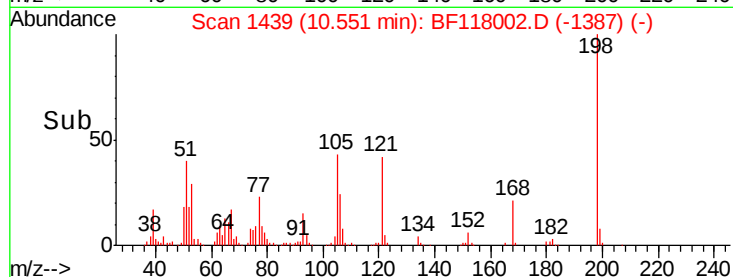
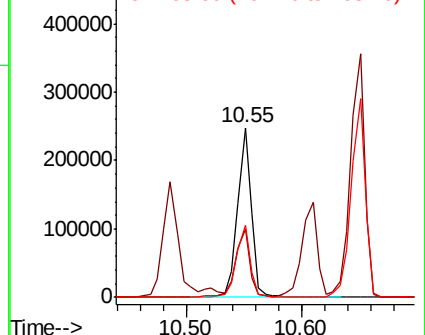
105 42.6 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.293 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

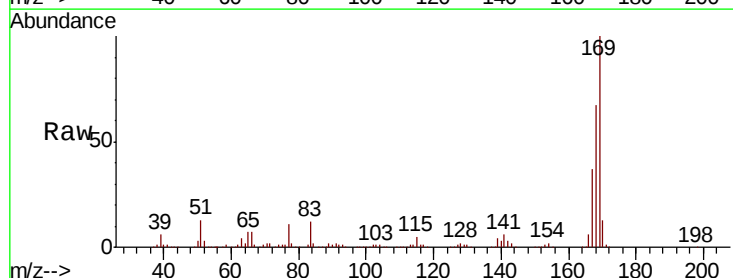
Tgt Ion:169 Resp: 1001821

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

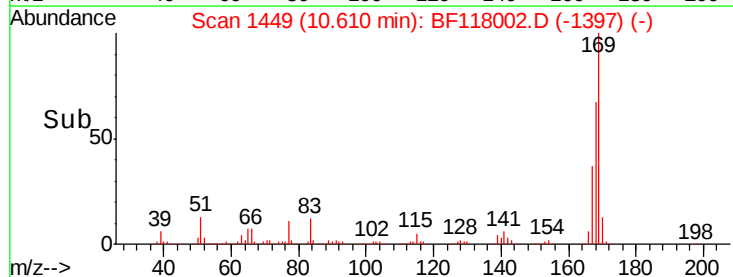
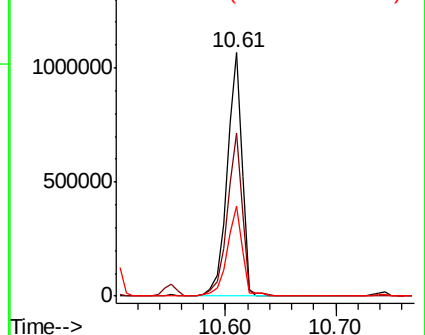
167 36.9 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

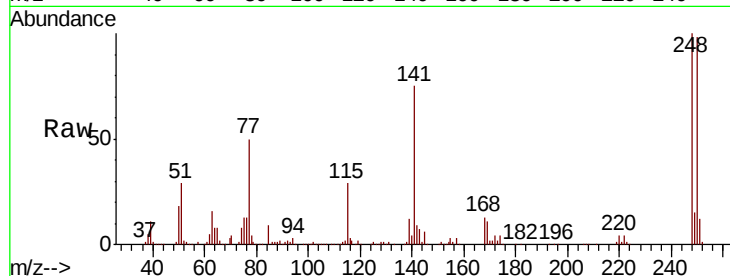




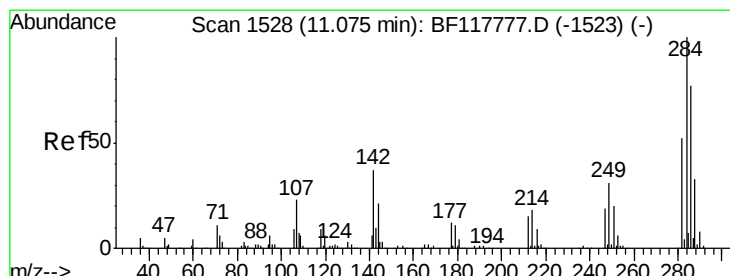
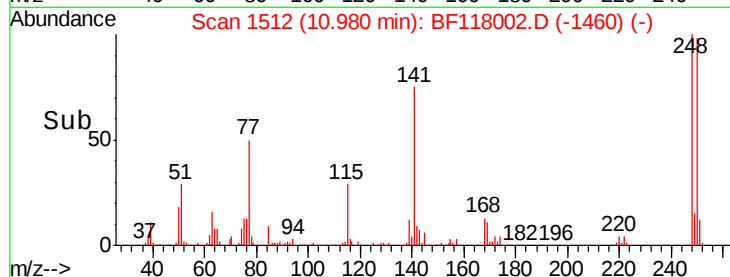
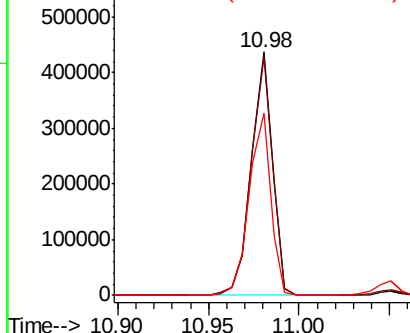
#67
4-Bromophenyl-phenylether
Concen: 40.697 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 357404
Ion Ratio Lower Upper
248 100
250 97.7 76.6 115.0
141 75.0 55.9 83.9

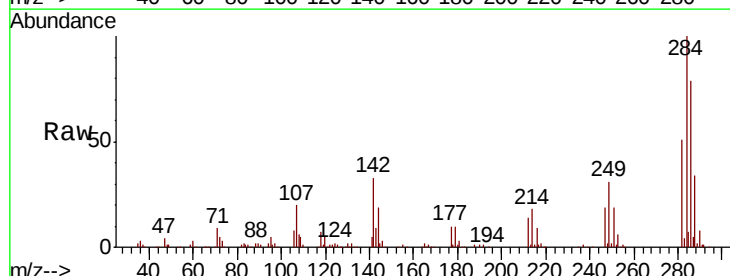


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

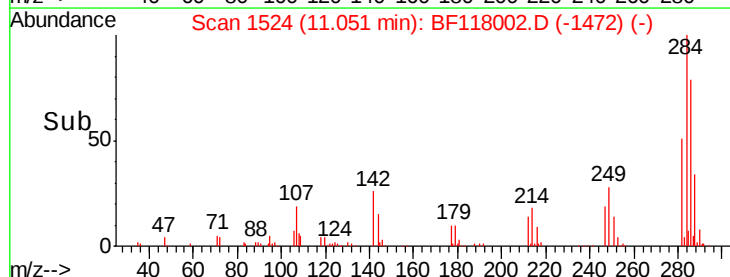
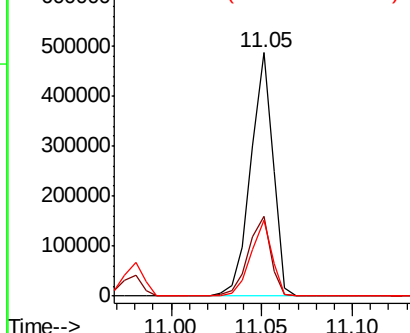


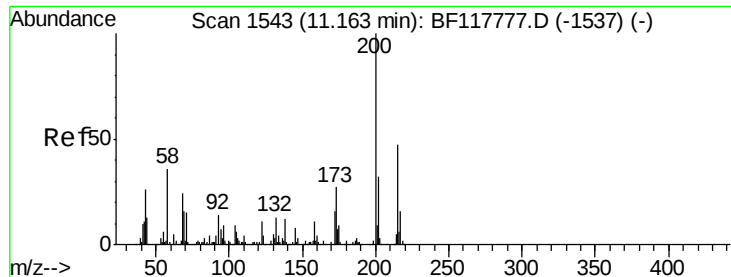
#68
Hexachlorobenzene
Concen: 40.750 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:284 Resp: 417295
Ion Ratio Lower Upper
284 100
142 32.8 29.4 44.2
249 31.3 24.6 37.0



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

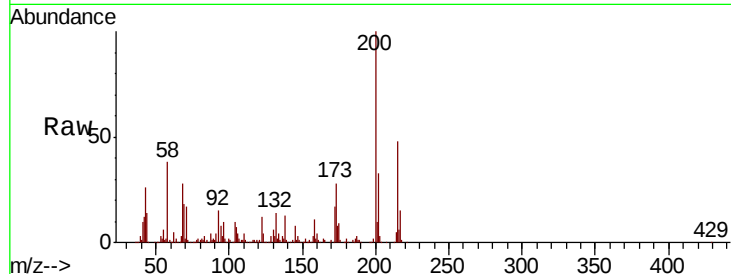




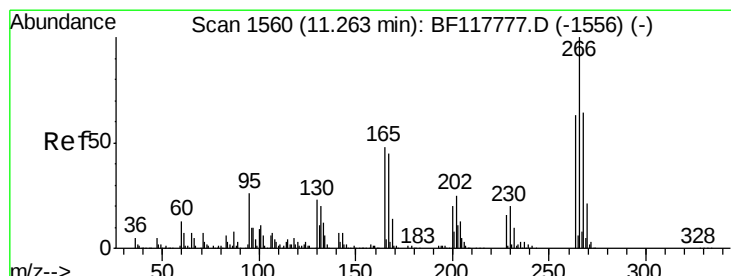
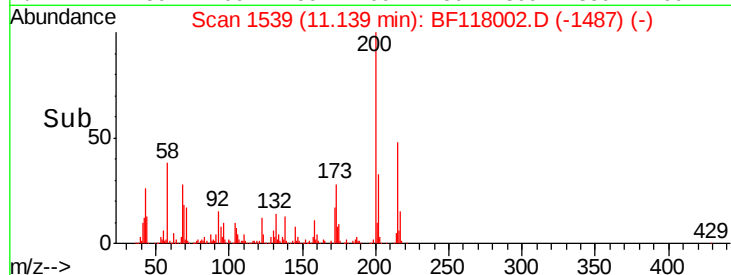
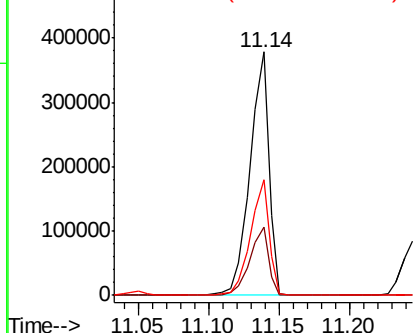
#69
Atrazine
Concen: 45.907 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 357713
Ion Ratio Lower Upper
200 100
173 27.9 6.7 46.7
215 47.7 27.5 67.5

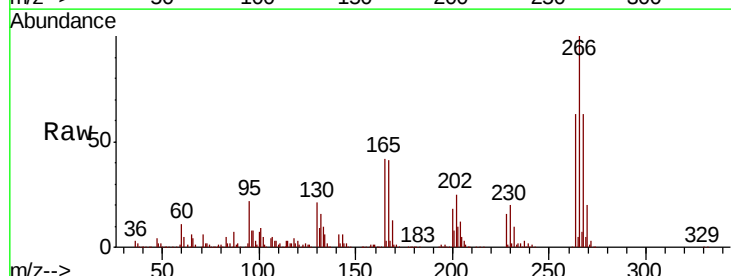


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

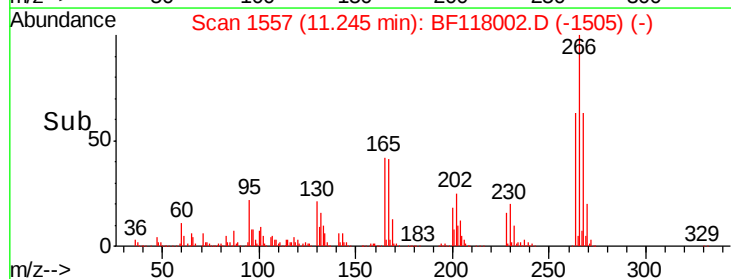
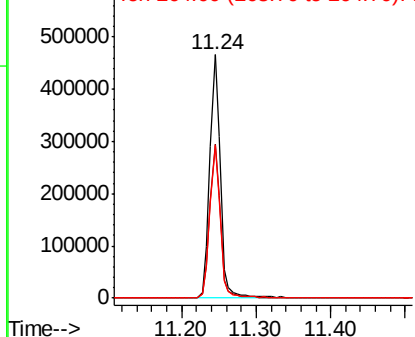


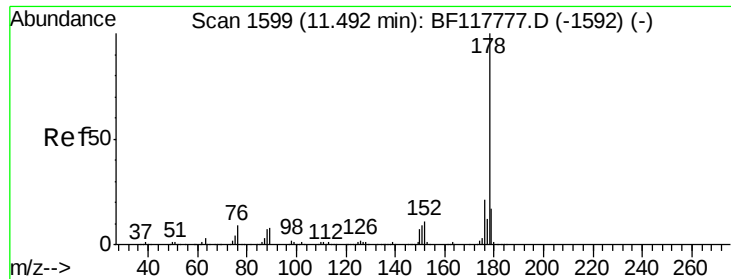
#70
Pentachlorophenol
Concen: 77.720 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:266 Resp: 464978
Ion Ratio Lower Upper
266 100
268 63.3 50.8 76.2
264 62.9 50.7 76.1



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: 40.551 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampled :

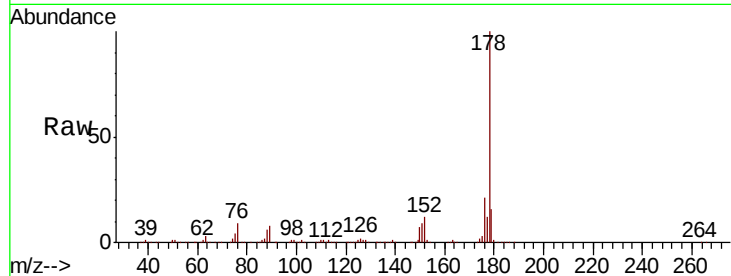
Tot Ion:178 Resp: 1659399

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

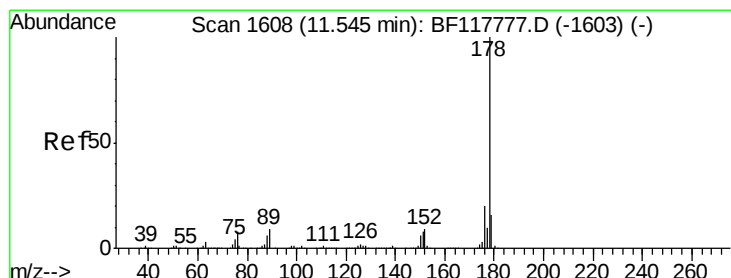
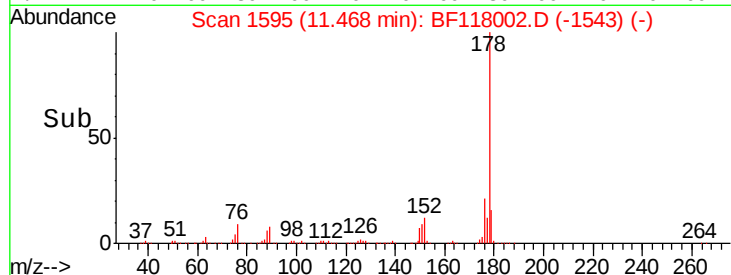
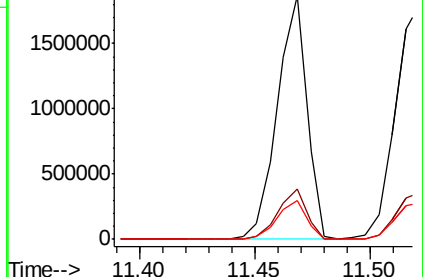
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.378 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

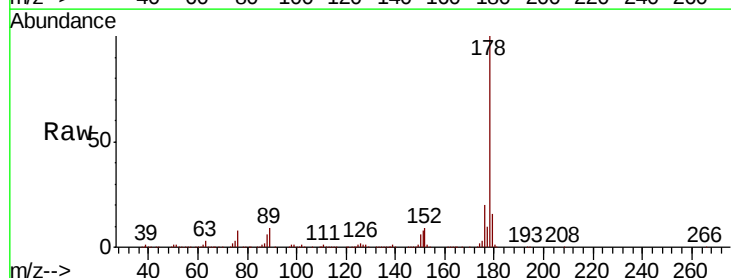
Tgt Ion:178 Resp: 1719379

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

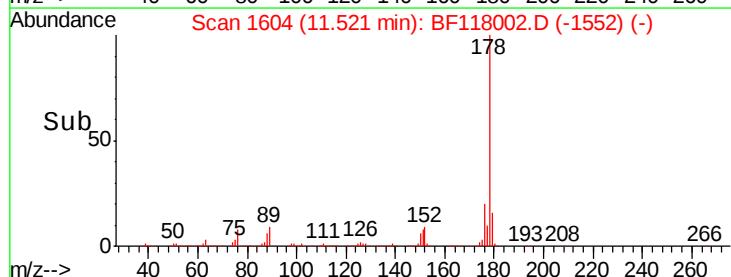
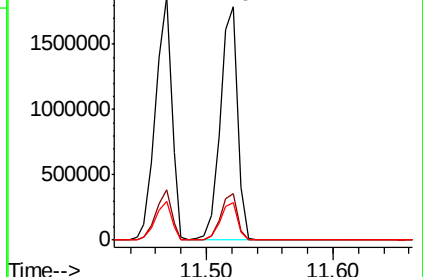
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

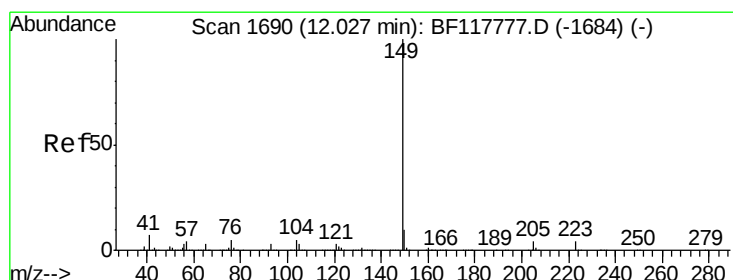
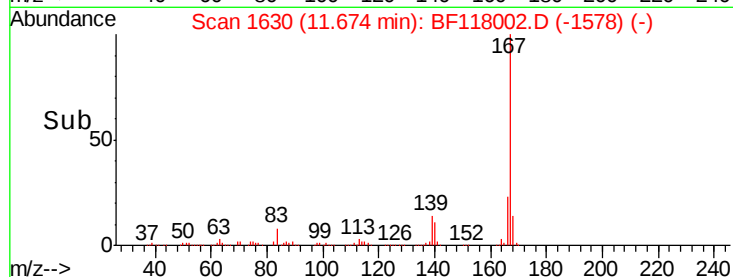
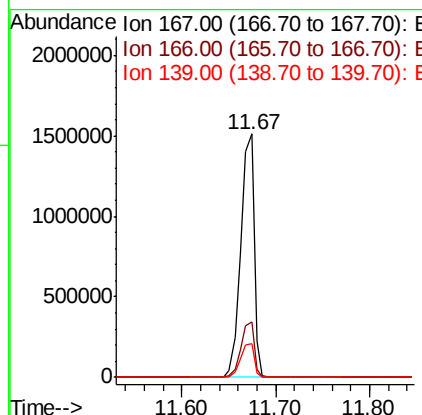
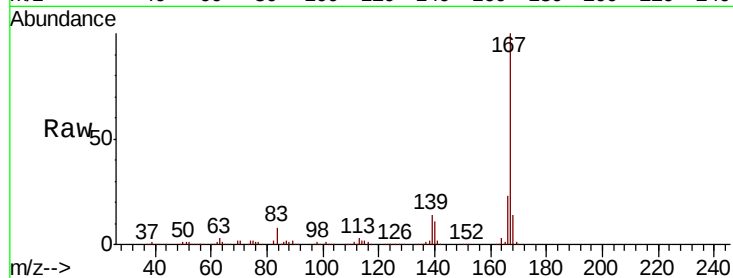




#73
 Carbazole
 Concen: 42.240 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

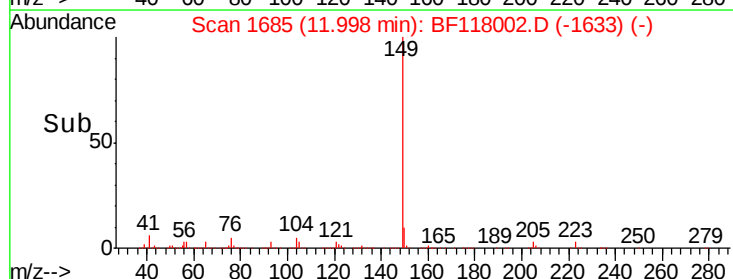
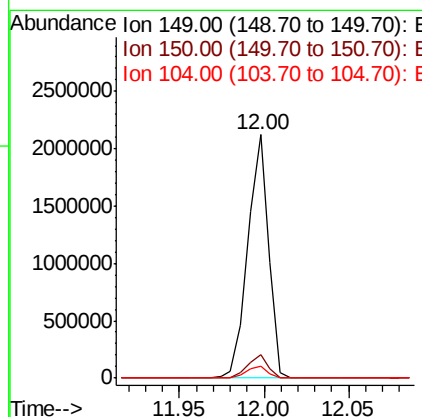
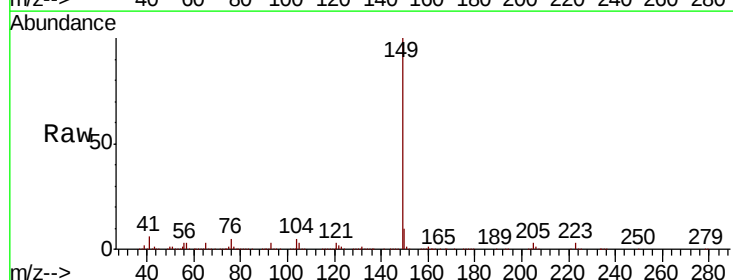
Instrument :
 BNA_F
 ClientSampleId :

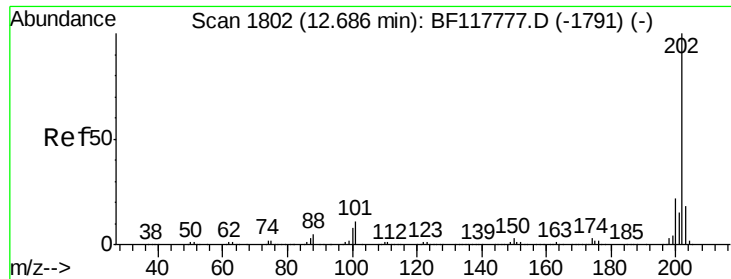
Tot Ion:167 Resp: 1497621
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 41.516 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion:149 Resp: 1832686
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.1 4.2 6.4

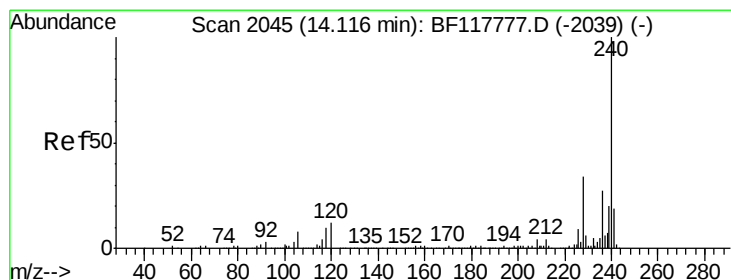
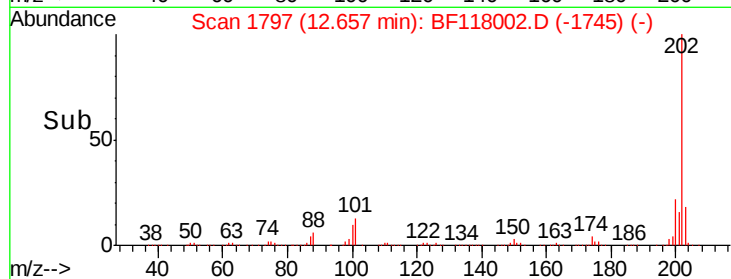
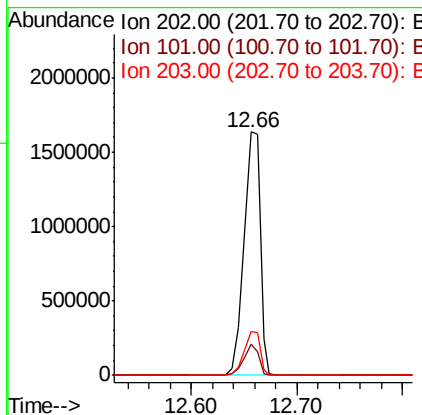
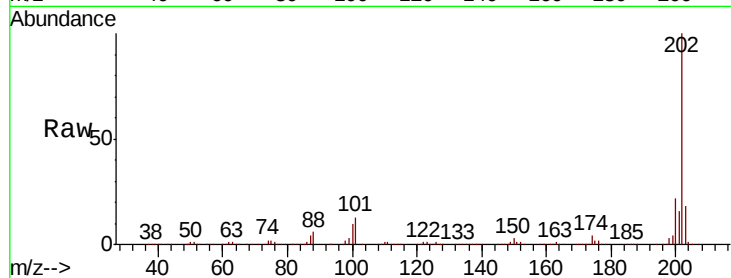




#75
 Fluoranthene
 Concen: 46.651 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

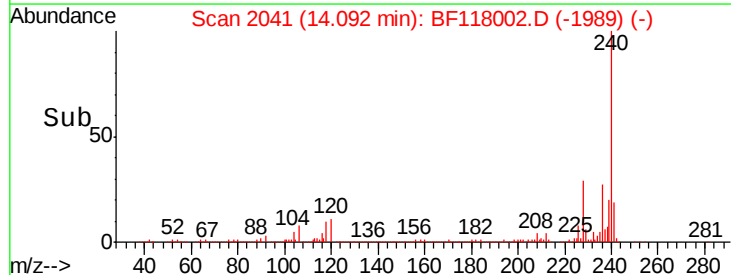
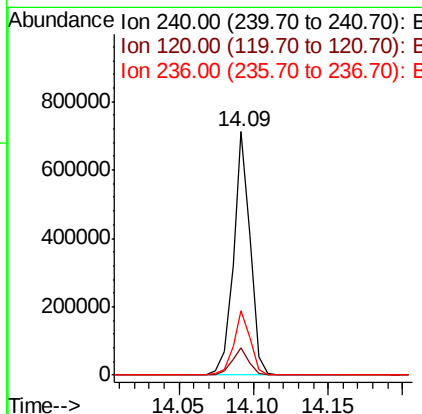
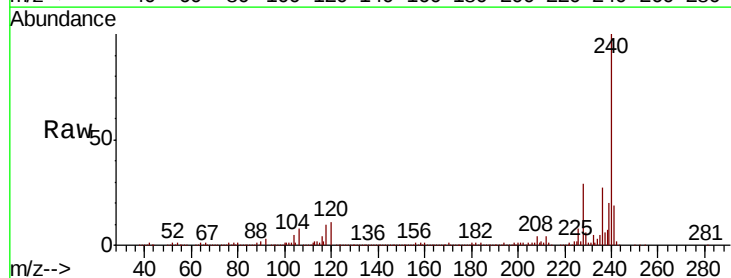
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1728117
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.1
 203 18.2 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118002.D
 Acq: 26 Nov 2019 13:01

Tgt Ion:240 Resp: 560885
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 26.5 21.3 31.9

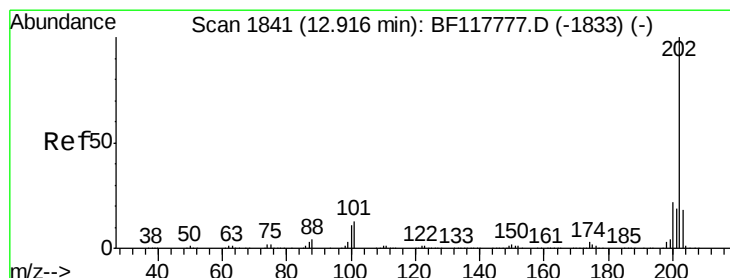
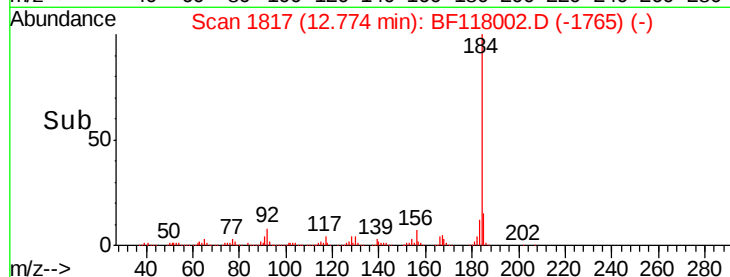
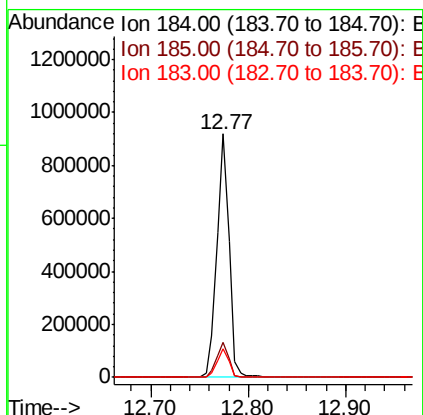
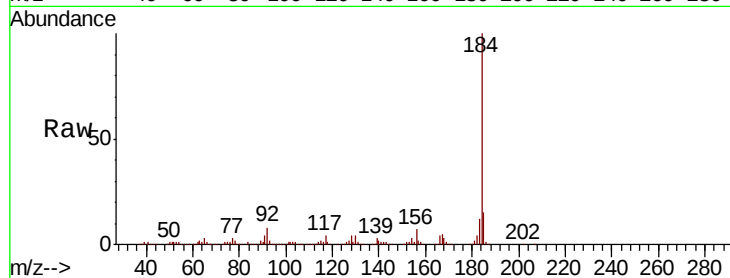




#77
Benzidine
Concen: 43.475 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

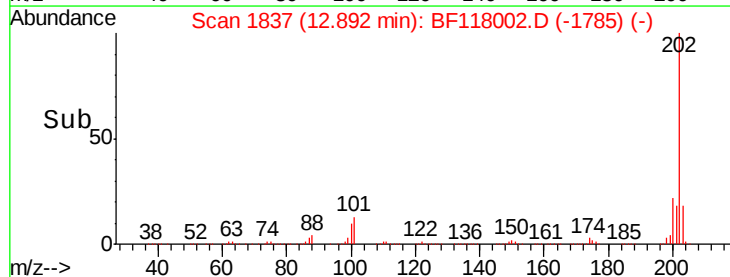
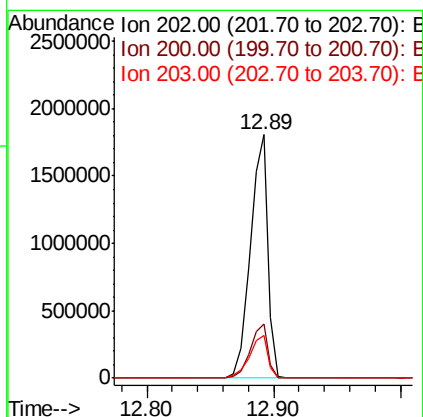
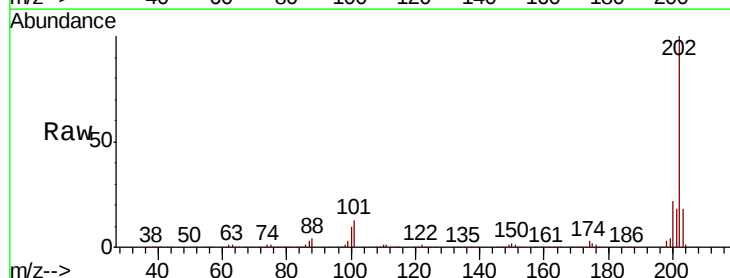
Instrument :
BNA_F
ClientSampleId :

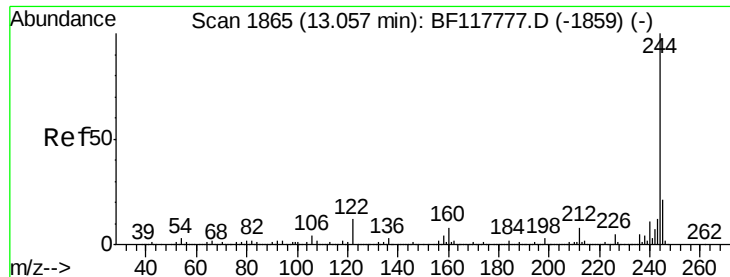
Tot Ion:184 Resp: 798738
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 11.9 9.5 14.3



#78
Pyrene
Concen: 38.101 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:202 Resp: 1727049
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.8
203 17.8 14.6 22.0





#79

Terphenyl-d14

Concen: 63.344 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

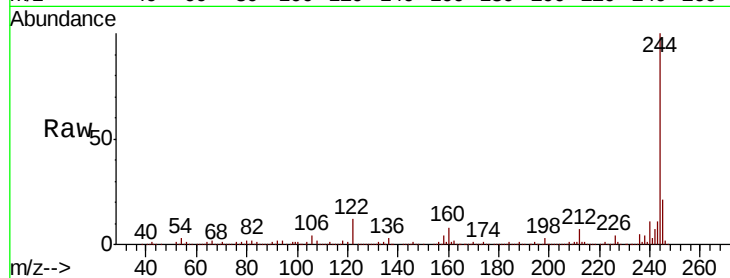
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1943990

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.9	9.4	14.2

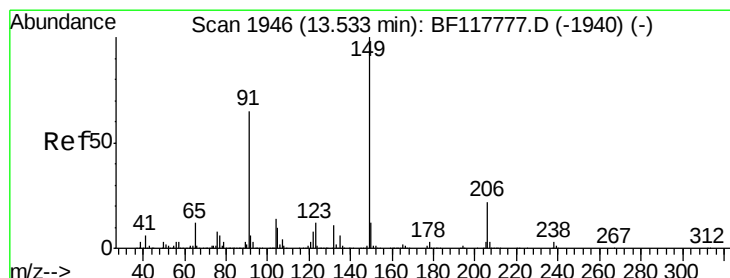
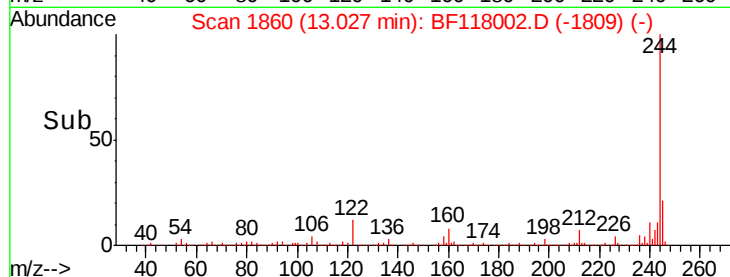
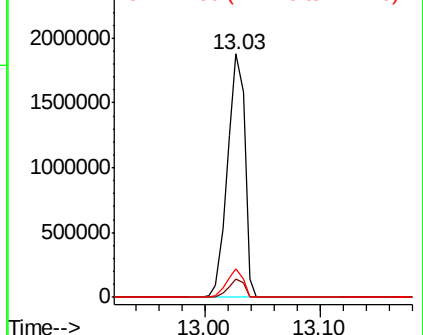


Abundance

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: 39.409 ng

RT: 13.50 min Scan# 1941

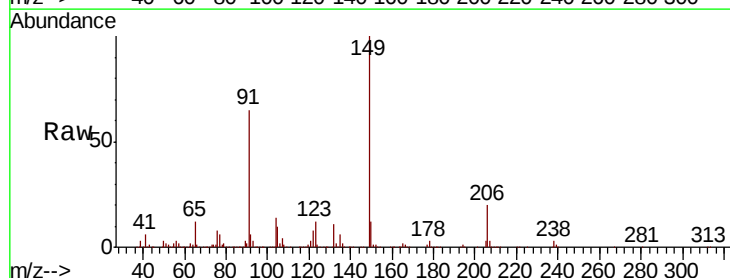
Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Tgt Ion:149 Resp: 767238

Ion	Ratio	Lower	Upper
149	100		
91	65.2	51.9	77.9
206	20.4	17.2	25.8

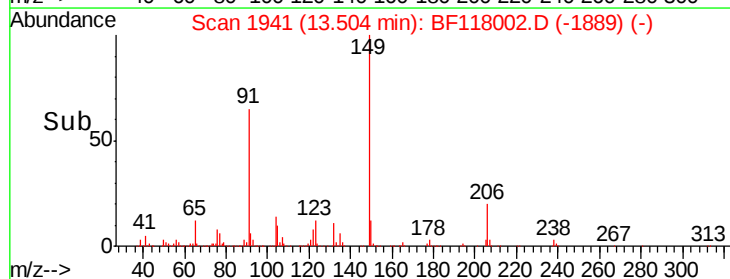
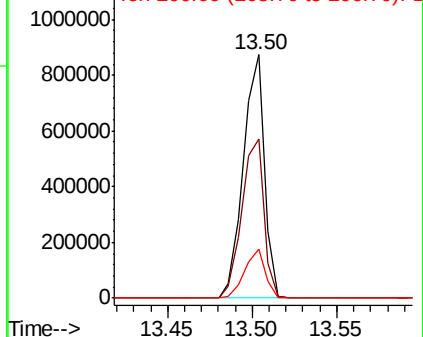


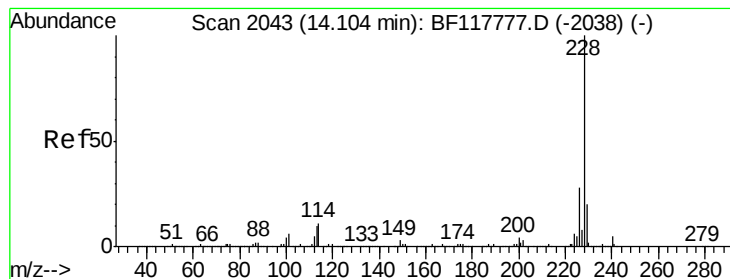
Abundance

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: 39.521 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

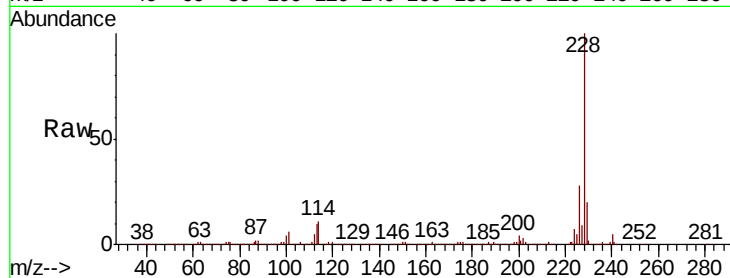
Tot Ion:228 Resp: 1464819

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

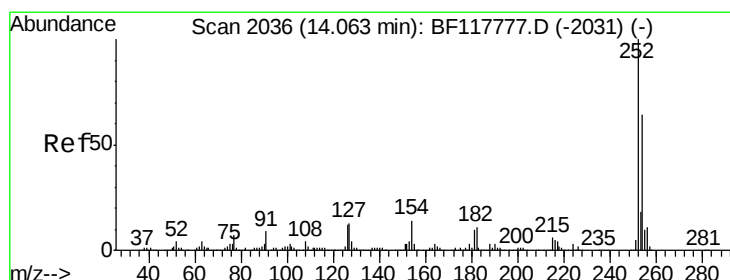
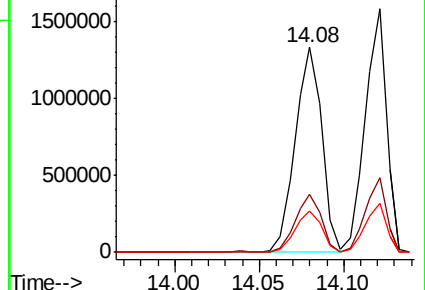
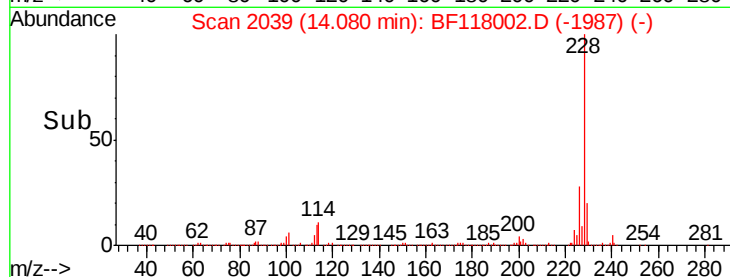
229 20.3 15.9 23.9



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: 33.583 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

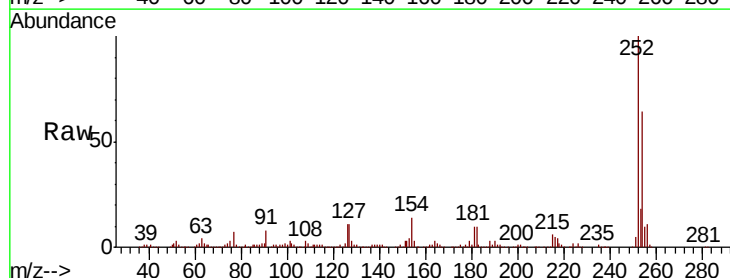
Tgt Ion:252 Resp: 435390

Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

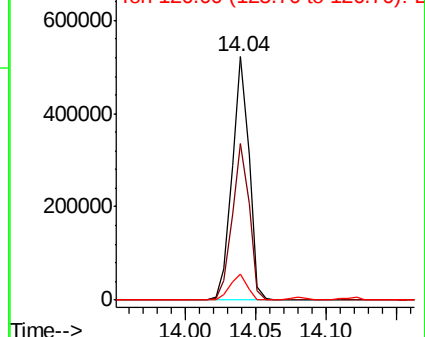
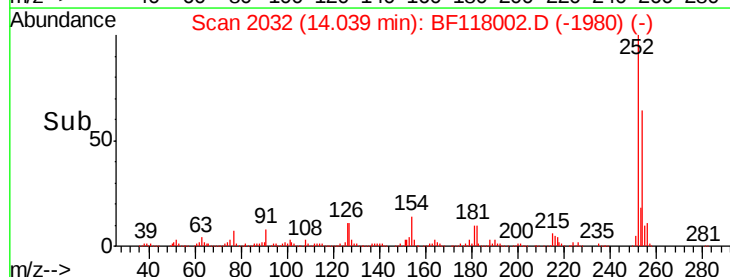
126 10.9 9.7 14.5

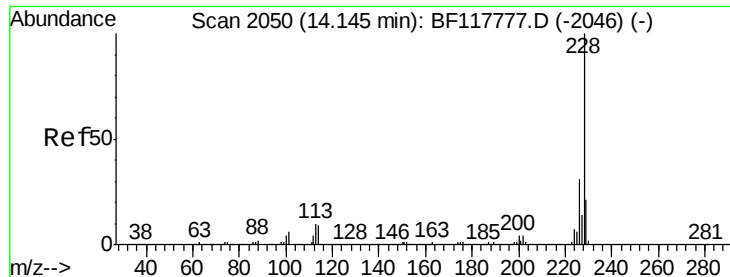


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.487 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

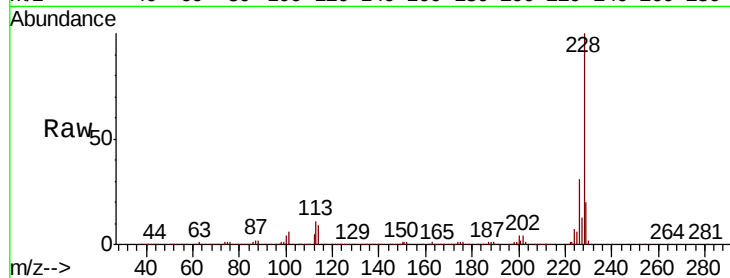
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1382254

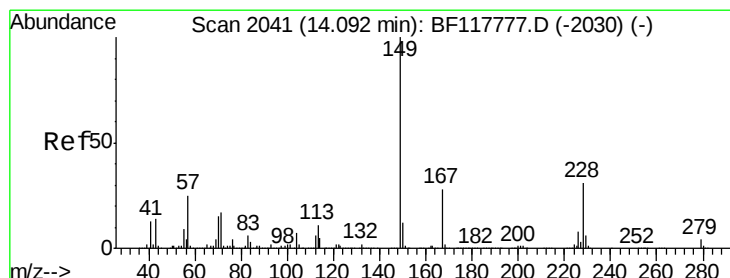
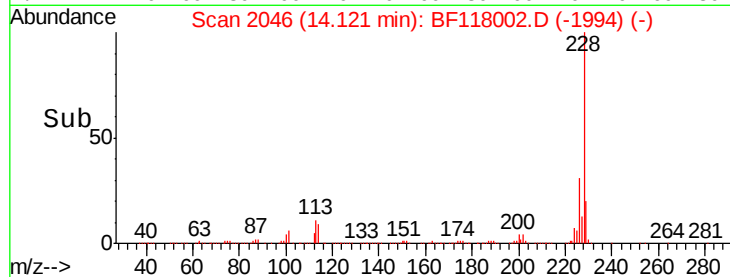
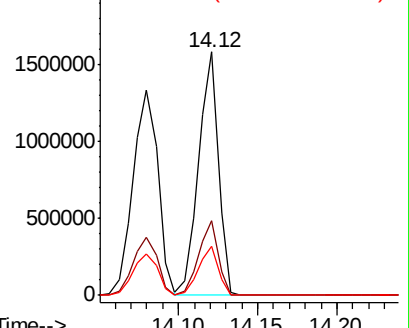
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	20.1	16.6	25.0



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: 42.947 ng

RT: 14.06 min Scan# 2036

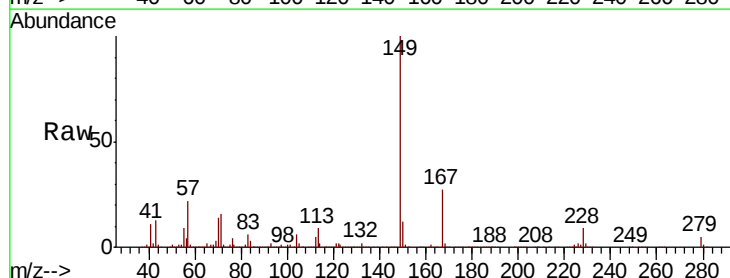
Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Tgt Ion:149 Resp: 1013664

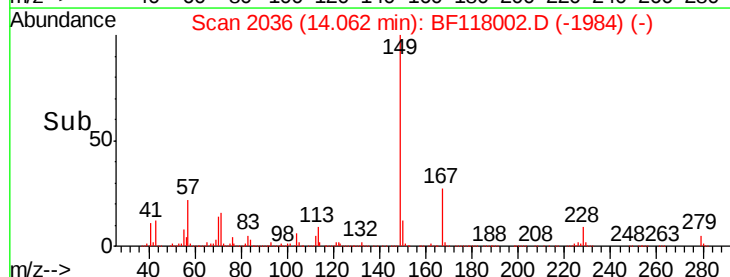
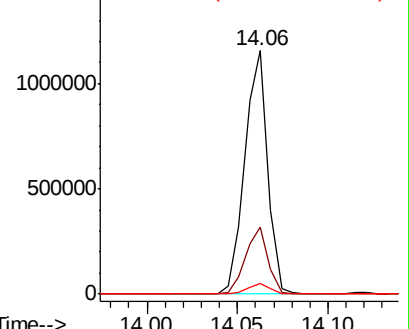
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	4.5	3.4	5.2

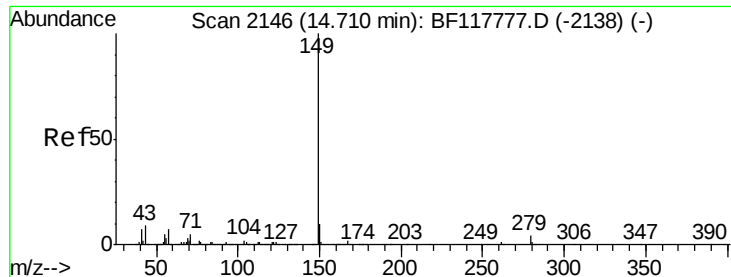


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

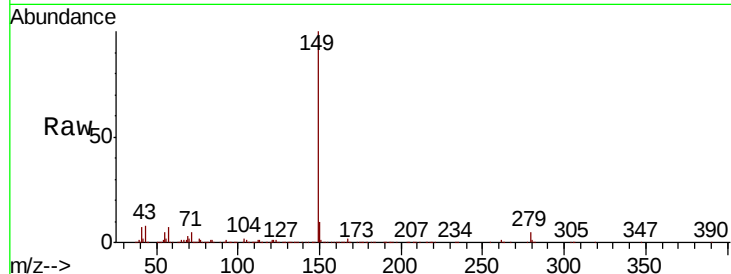




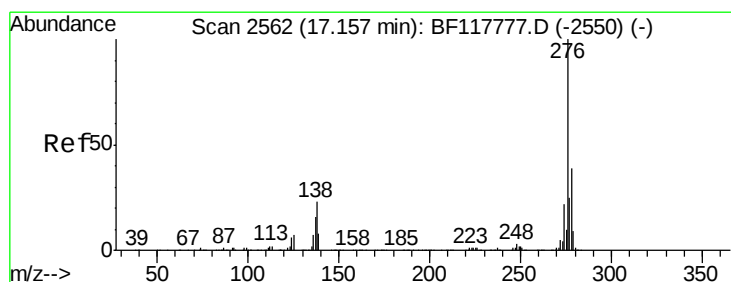
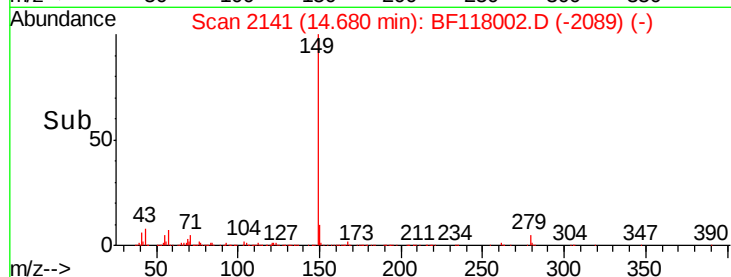
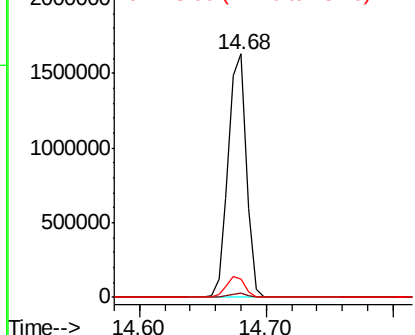
#85
Di-n-octyl phthalate
Concen: 46.561 ng
RT: 14.68 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1614474
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.2 7.4 11.2

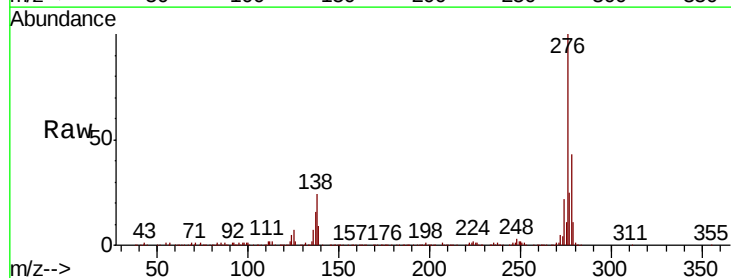


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

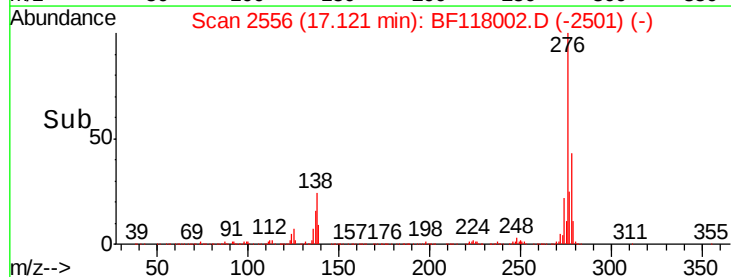
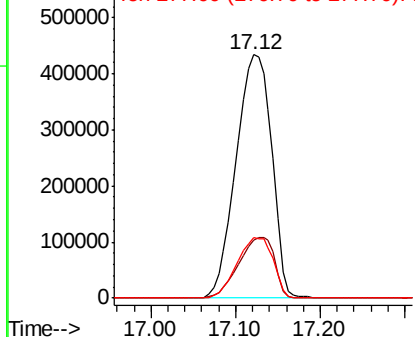


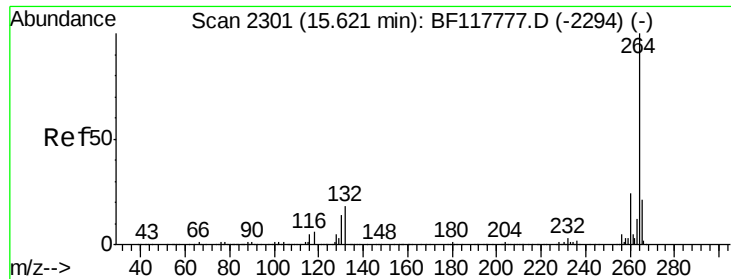
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.704 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:276 Resp: 1274764
Ion Ratio Lower Upper
276 100
138 25.3 20.9 31.3
277 25.3 20.3 30.5



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: 15.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

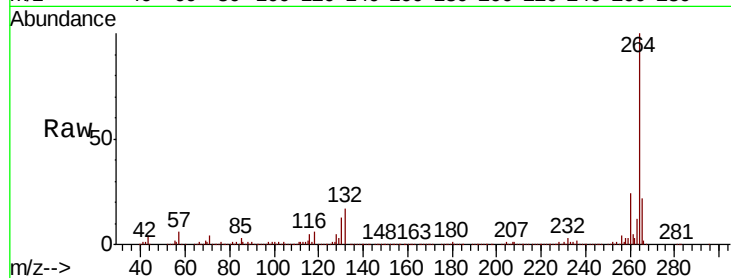
Tot Ion:264 Resp: 513155

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

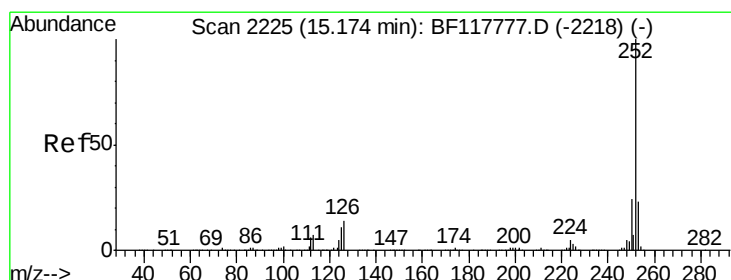
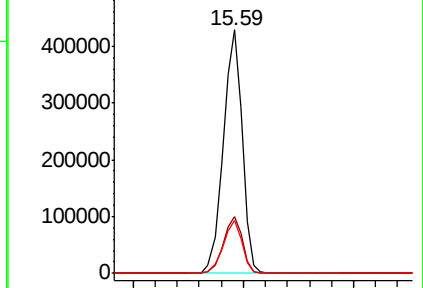
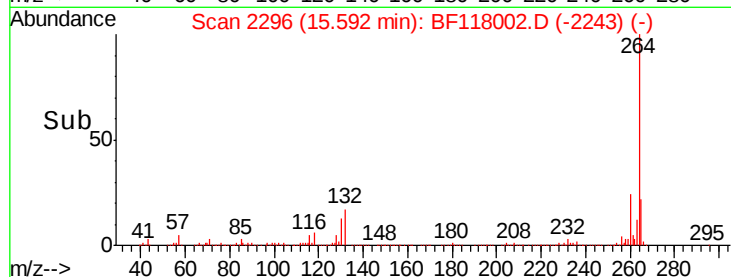
265 21.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.599 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

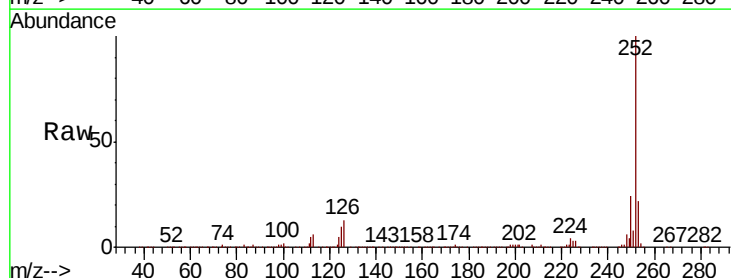
Tgt Ion:252 Resp: 1320228

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

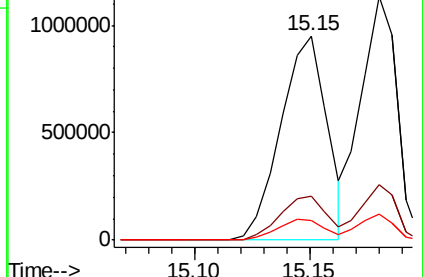
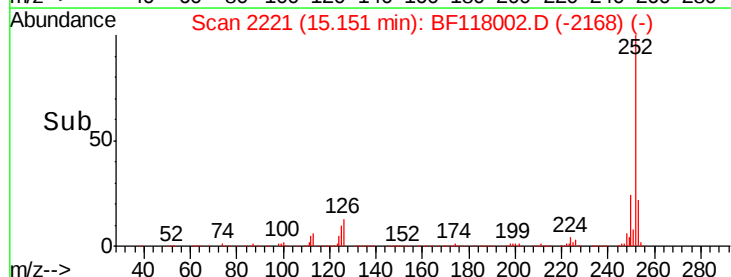
125 9.9 8.6 13.0

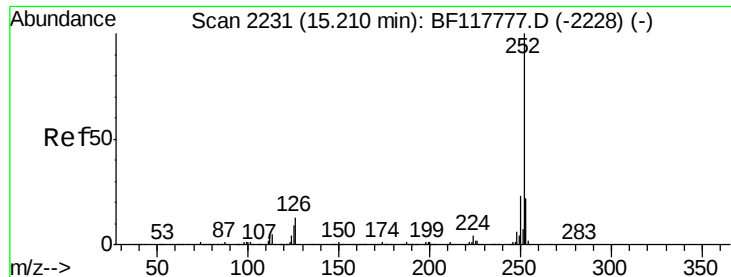


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

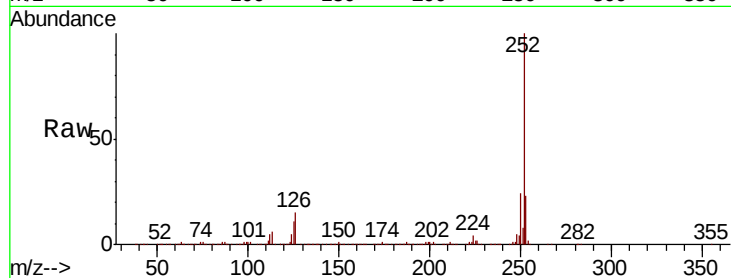




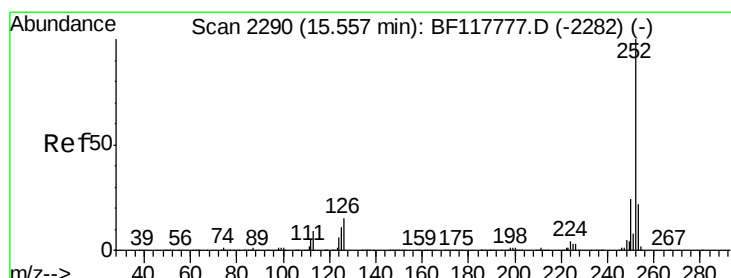
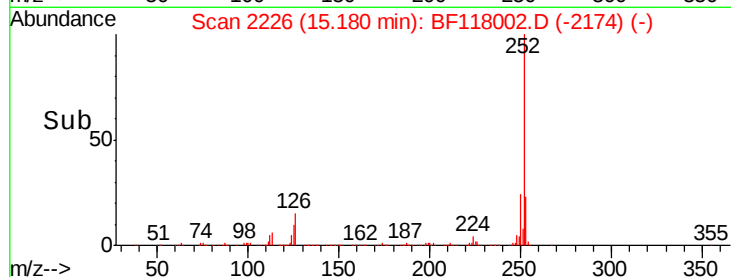
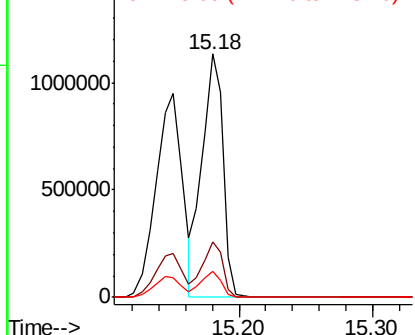
#89
Benzo(k)fluoranthene
Concen: 39.159 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1230132
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.6 7.9 11.9

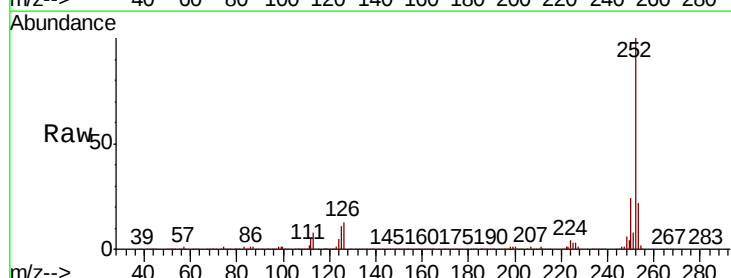


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

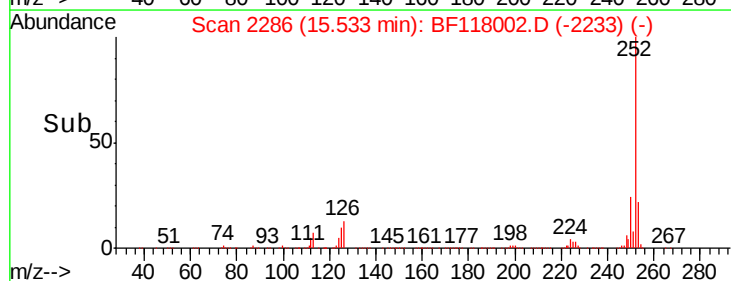
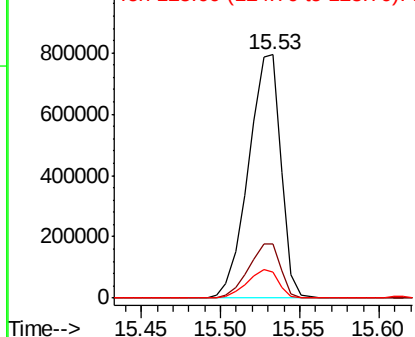


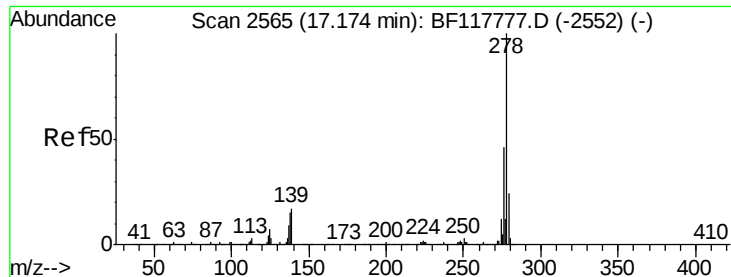
#90
Benzo(a)pyrene
Concen: 38.589 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF118002.D
Acq: 26 Nov 2019 13:01

Tgt Ion:252 Resp: 1131314
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 9.2 13.8



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: 41.925 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.02 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

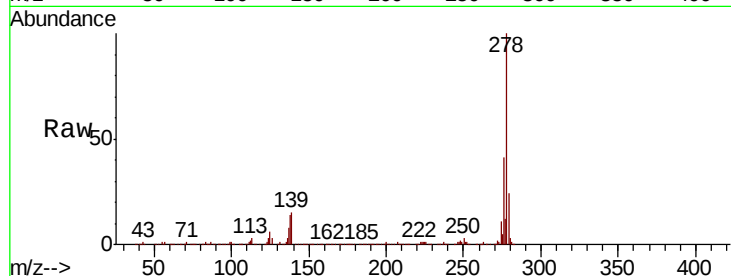
Tot Ion:278 Resp: 1057916

Ion Ratio Lower Upper

278 100

139 15.0 13.8 20.8

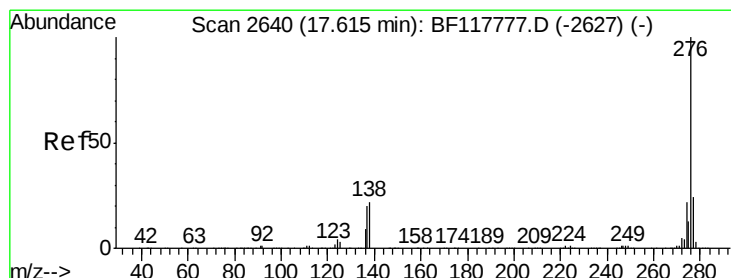
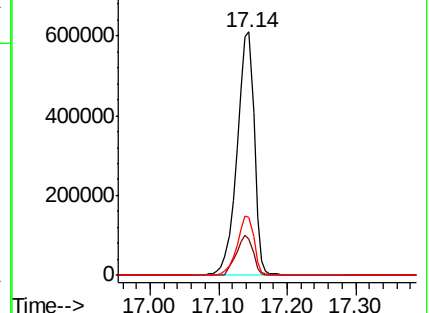
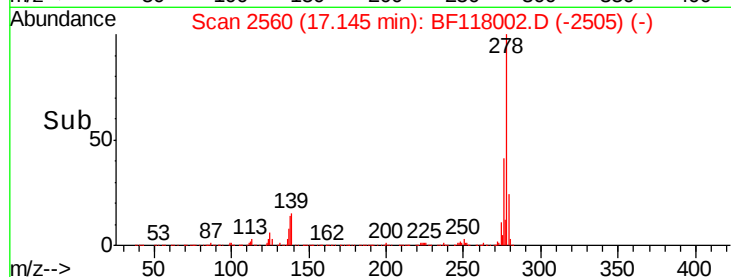
279 23.7 19.6 29.4



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: 41.414 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.03 min

Lab File: BF118002.D

Acq: 26 Nov 2019 13:01

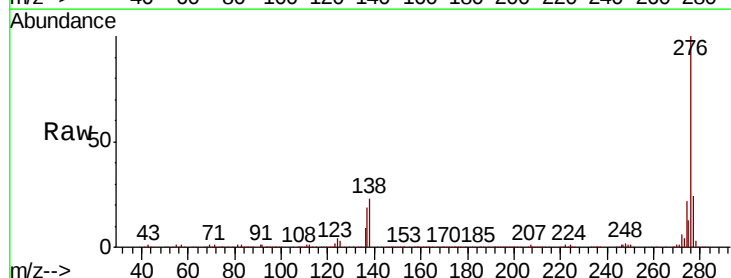
Tgt Ion:276 Resp: 1040892

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 22.8 17.4 26.2



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

