

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117450.D
 Acq On : 21 Oct 2019 16:36
 Operator : JU
 Sample : PB124127BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:53:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	53186	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	243389	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	128126	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	210430	20.00	ng	0.00
76) Chrysene-d12	13.90	240	143123	20.00	ng	0.00
87) Perylene-d12	15.34	264	87411	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	405550	113.44	ng	0.01
7) Phenol-d6	6.39	99	541809	112.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	285498	57.91	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	117245	105.76	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	542501	59.66	ng	0.00
79) Terphenyl-d14	12.83	244	523276	59.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	53306	35.465	ng	# 96
3) Pyridine	3.24	79	110793	30.111	ng	98
4) n-Nitrosodimethylamine	3.18	42	54960	41.172	ng	96
6) Aniline	6.40	93	148187	26.287	ng	# 72
8) 2-Chlorophenol	6.53	128	163767	43.412	ng	95
9) Benzaldehyde	6.29	77	62013	23.608	ng	96
10) Phenol	6.40	94	209231	42.693	ng	81
11) bis(2-Chloroethyl)ether	6.47	93	164449	45.366	ng	99
12) 1,3-Dichlorobenzene	6.67	146	161310	38.318	ng	98
13) 1,4-Dichlorobenzene	6.75	146	167996	39.338	ng	98
14) 1,2-Dichlorobenzene	6.90	146	159561	39.637	ng	99
15) Benzyl Alcohol	6.89	79	148929	43.413	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	155356	39.729	ng	76
17) 2-Methylphenol	7.00	107	135789	43.756	ng	96
18) Hexachloroethane	7.24	117	64935	38.956	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	126578	43.164	ng	96
20) 3+4-Methylphenols	7.16	107	178503	43.871	ng	# 87
22) Acetophenone	7.15	105	243138	37.621	ng	# 99
24) Nitrobenzene	7.32	77	185186	39.217	ng	98
25) Isophorone	7.56	82	344266	40.366	ng	99
26) 2-Nitrophenol	7.64	139	86451	41.049	ng	97
27) 2,4-Dimethylphenol	7.68	122	145066	46.090	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	205201	38.992	ng	99
29) 2,4-Dichlorophenol	7.89	162	136650	41.393	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	135188	38.160	ng	97
31) Naphthalene	8.04	128	477764	39.602	ng	99
32) Benzoic acid	7.85	122	88132	40.881	ng	96
33) 4-Chloroaniline	8.09	127	129049	25.346	ng	99
34) Hexachlorobutadiene	8.15	225	73533	35.861	ng	99
35) Caprolactam	8.47	113	22467	21.185	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	159554	42.378	ng	100
37) 2-Methylnaphthalene	8.73	142	333688	41.049	ng	99
38) 1-Methylnaphthalene	8.83	142	311518	40.782	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	126700	36.715	ng	98

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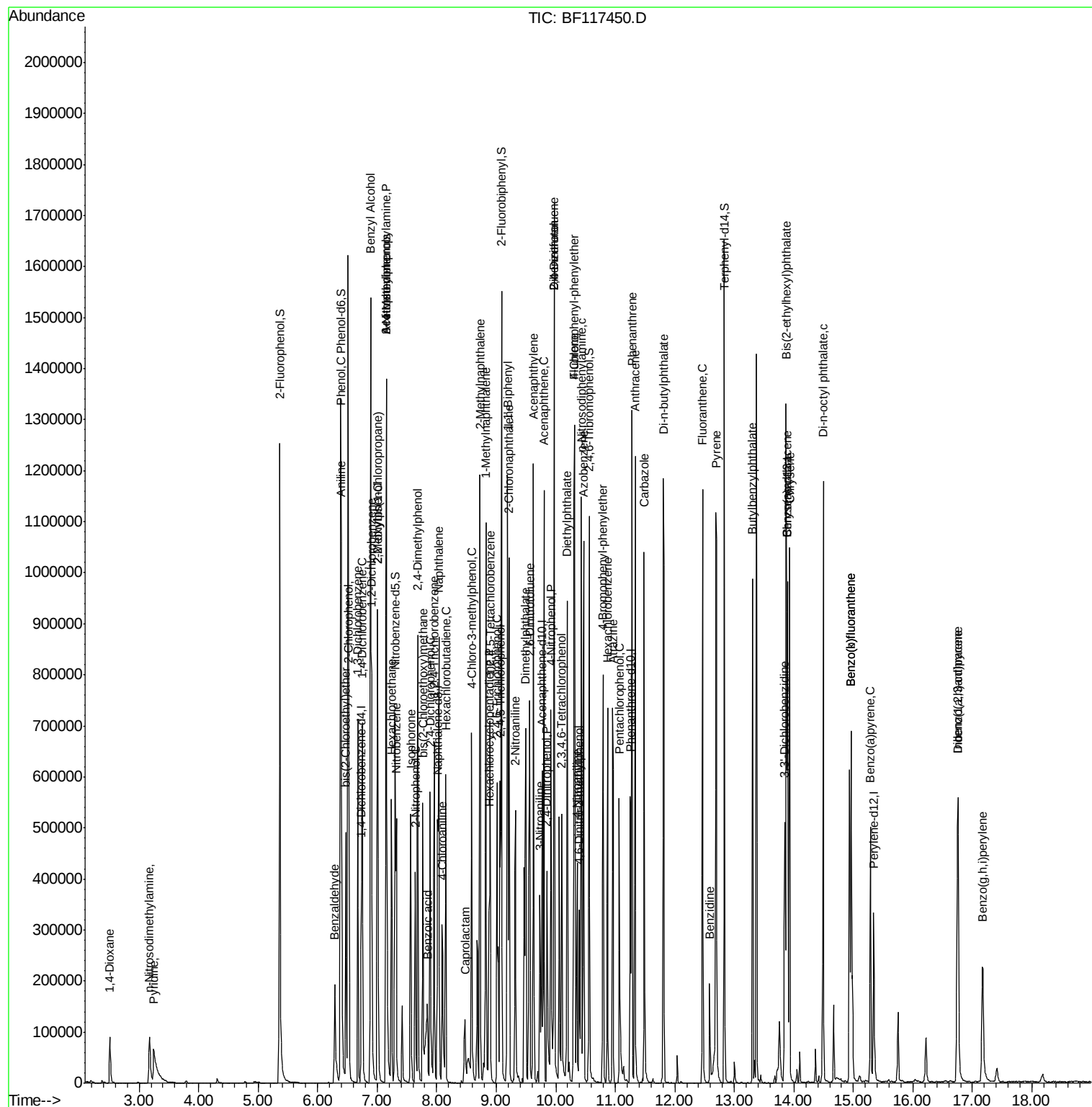
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41) Hexachlorocyclopentadiene	8.88	237	57973	67.213	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	85733	39.672	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	93762	42.816	nq	95
46) 1,1'-Biphenyl	9.19	154	393522	37.100	nq	99
47) 2-Chloronaphthalene	9.22	162	304117	38.026	nq	99
48) 2-Nitroaniline	9.32	65	100601	38.318	nq	94
49) Acenaphthylene	9.63	152	473911	40.343	nq	99
50) Dimethylphthalate	9.50	163	362584	39.696	nq	98
51) 2,6-Dinitrotoluene	9.56	165	77909	40.875	nq	94
52) Acenaphthene	9.80	154	279854	38.830	nq	99
53) 3-Nitroaniline	9.73	138	61116	26.427	nq	99
54) 2,4-Dinitrophenol	9.86	184	62657	79.492	nq	94
55) Dibenzofuran	9.97	168	425532	40.753	nq	98
56) 4-Nitrophenol	9.92	139	91723	85.843	nq	92
57) 2,4-Dinitrotoluene	9.97	165	101512	40.058	nq	92
58) Fluorene	10.32	166	349436	40.468	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	74217	43.121	nq	98
60) Diethylphthalate	10.19	149	377108	40.818	nq	97
61) 4-Chlorophenyl-phenylether	10.30	204	155729	40.198	nq	98
62) 4-Nitroaniline	10.36	138	75241	34.517	nq	98
63) Azobenzene	10.47	77	391042	41.347	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	46869	43.808	nq	94
66) n-Nitrosodiphenylamine	10.43	169	303244	39.419	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	86688	38.246	nq	98
68) Hexachlorobenzene	10.87	284	88793	36.580	nq	98
69) Atrazine	10.96	200	93798	47.923	nq	94
70) Pentachlorophenol	11.07	266	73123	100.487	nq	98
71) Phenanthrene	11.28	178	473567	38.757	nq	98
72) Anthracene	11.33	178	496632	39.612	nq	99
73) Carbazole	11.49	167	449994	39.275	nq	99
74) Di-n-butylphthalate	11.81	149	615807	40.225	nq	99
75) Fluoranthene	12.47	202	478505	39.119	nq	98
77) Benzidine	12.59	184	96111	19.827	nq	99
78) Pyrene	12.70	202	484869	39.441	nq	98
80) Butylbenzylphthalate	13.30	149	237472	38.818	nq	98
81) Benzo(a)anthracene	13.89	228	373555	38.693	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	101092	33.370	nq	98
83) Chrysene	13.93	228	362015	38.261	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	347315	40.529	nq	# 95
85) Di-n-octyl phthalate	14.49	149	543326	41.237	nq	97
86) Indeno(1,2,3-cd)pyrene	16.76	276	245709	34.782	nq	99
88) Benzo(b)fluoranthene	14.96	252	274296	53.140	nq	99
89) Benzo(k)fluoranthene	14.96	252	274296	51.847	nq	98
90) Benzo(a)pyrene	15.29	252	239642	51.063	nq	97
91) Dibenzo(a,h)anthracene	16.76	278	208414	51.359	nq	97
92) Benzo(g,h,i)perylene	17.17	276	203142	52.908	nq	100

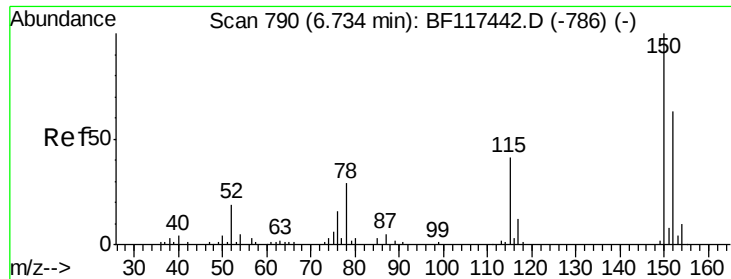
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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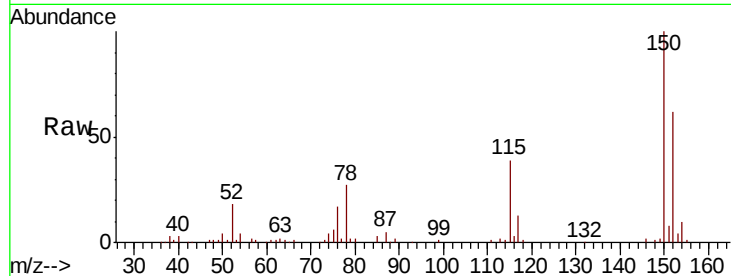


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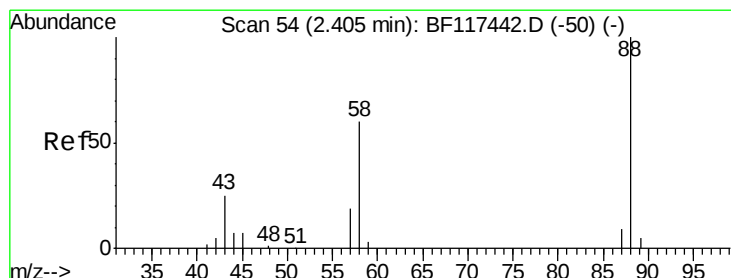
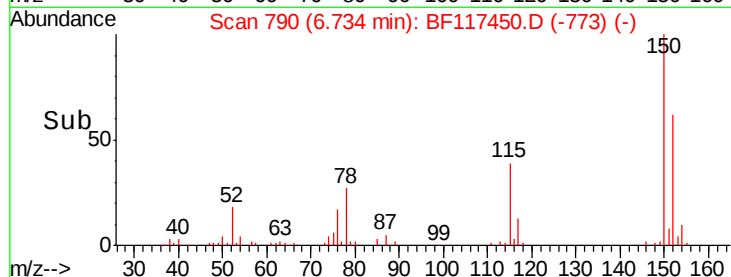
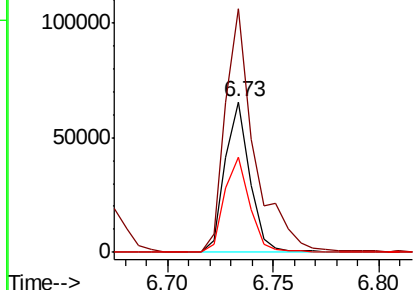
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53186
Ion Ratio Lower Upper
152 100
150 162.1 126.8 190.2
115 62.9 51.6 77.4



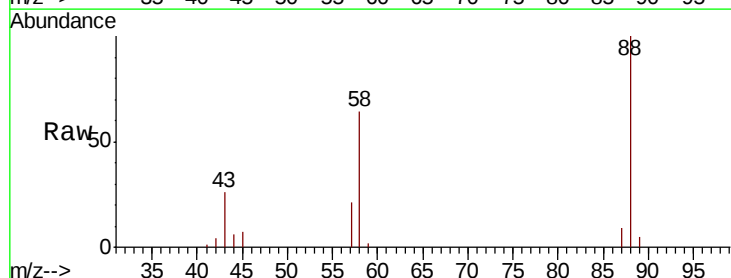
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



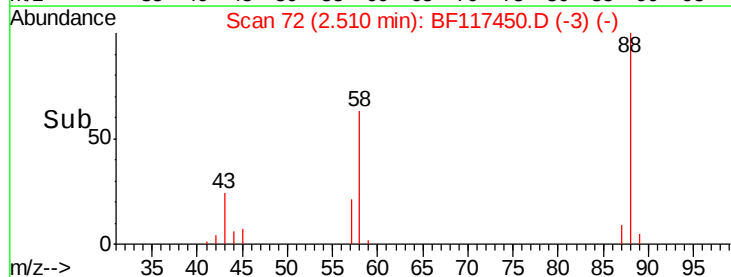
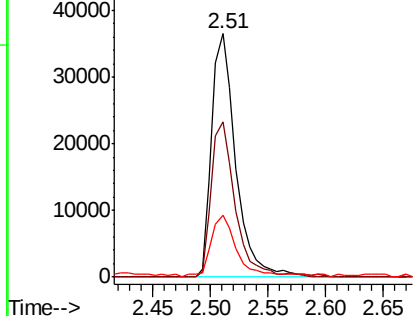
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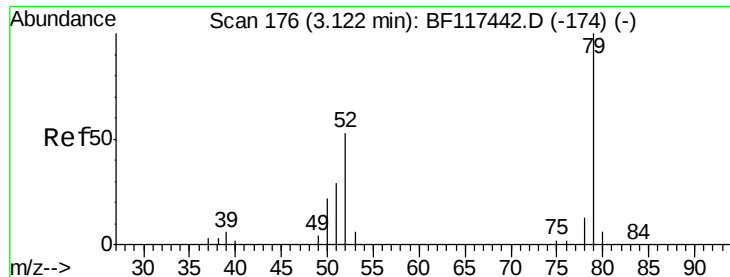
1,4-Dioxane
Concen: 35.465 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion: 88 Resp: 53306
Ion Ratio Lower Upper
88 100
58 62.3 48.8 73.2
43 27.7 18.5 27.7#



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

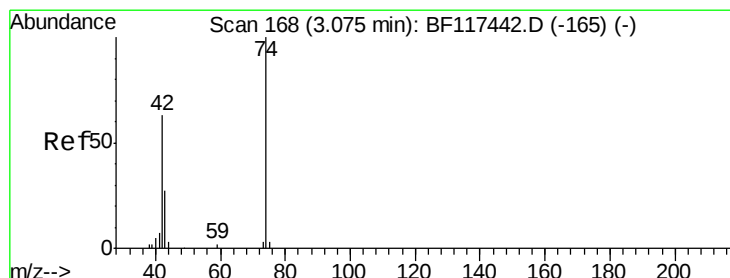
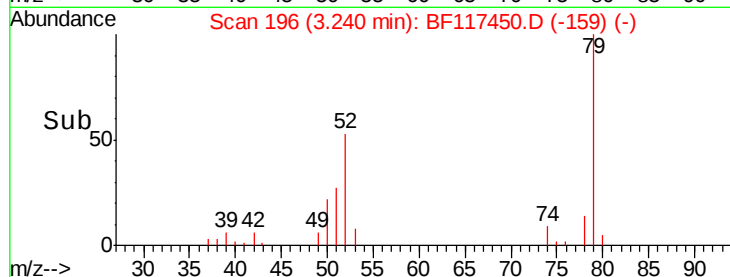
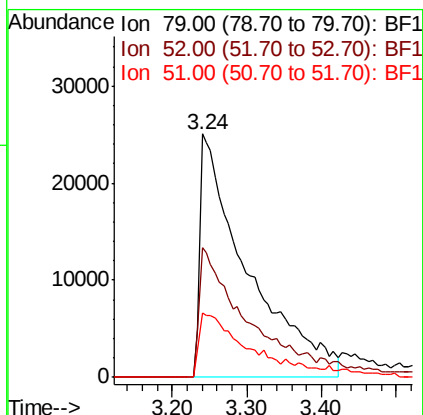
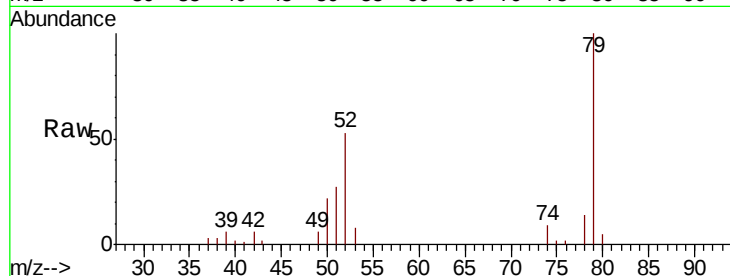




#3
 Pvridine
 Concen: 30.111 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.12 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

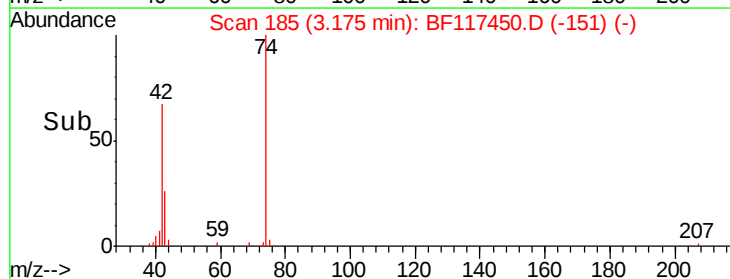
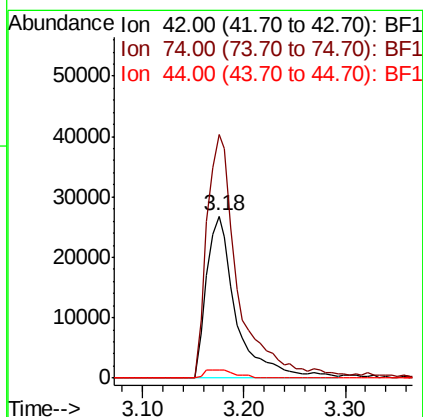
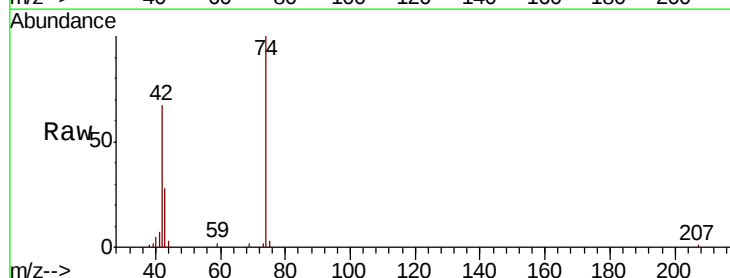
Instrument :
 BNA_F
 ClientSampleId :

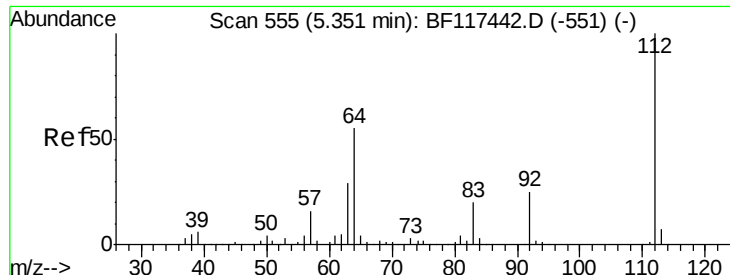
Tot Ion: 79 Resp: 110793
 Ion Ratio Lower Upper
 79 100
 52 53.1 42.4 63.6
 51 26.5 23.3 34.9



#4
 n-Nitrosodimethylamine
 Concen: 41.172 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.10 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion: 42 Resp: 54960
 Ion Ratio Lower Upper
 42 100
 74 150.4 124.2 186.4
 44 5.2 4.2 6.4

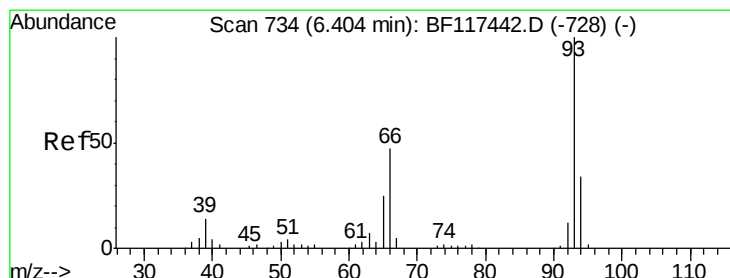
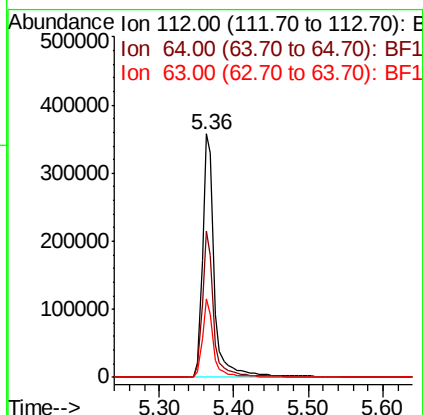
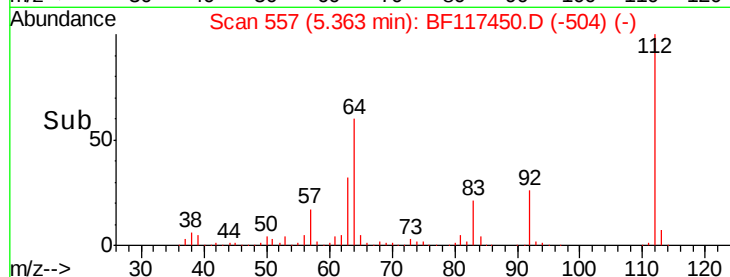
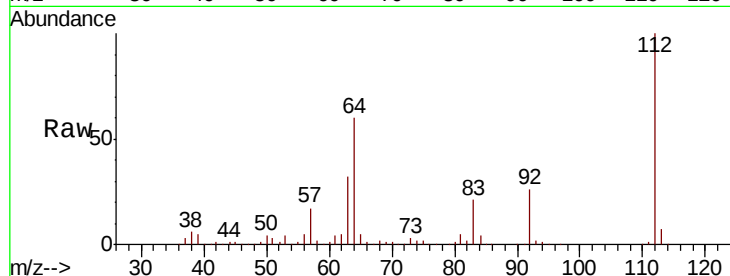




#5
2-Fluorophenol
Concen: 113.439 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

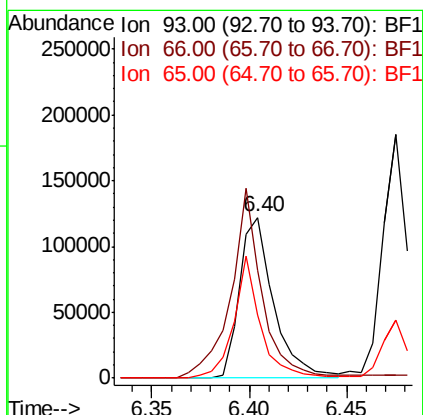
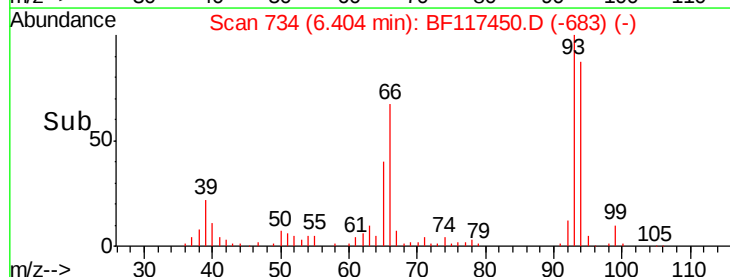
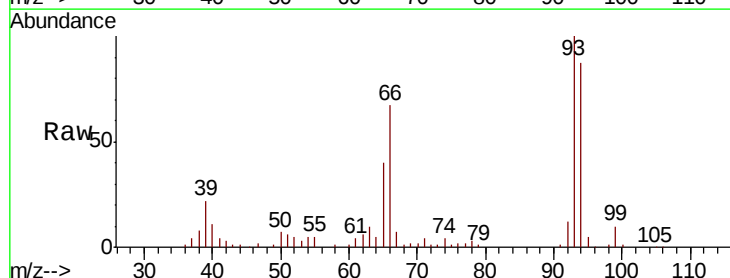
Instrument :
BNA_F
ClientSampleId :

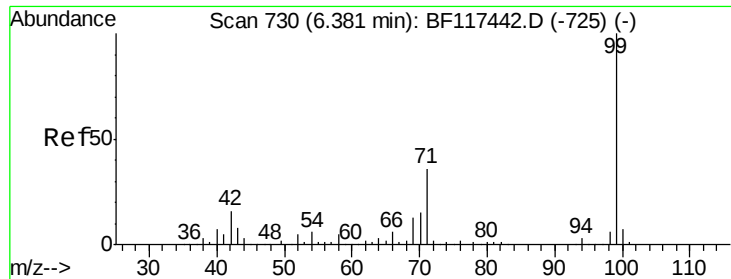
Tot Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.0	23.4	35.2



#6
Aniline
Concen: 26.287 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
93	100		
66	66.7	38.7	58.1#
65	39.5	20.1	30.1#





#7

Phenol-d6

Concen: 112.837 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

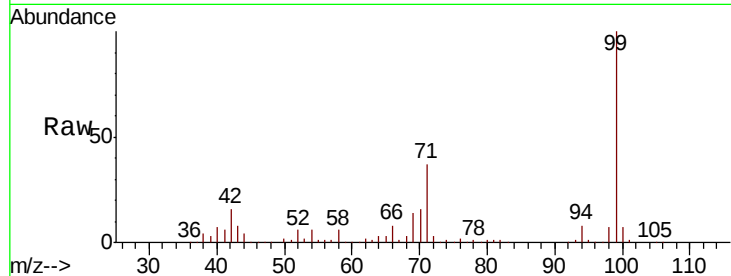
Tot Ion: 99 Resp: 541809

Ion Ratio Lower Upper

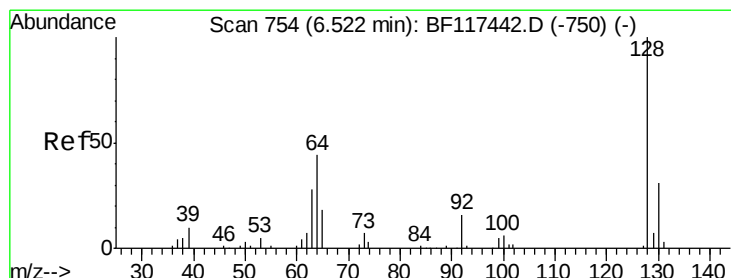
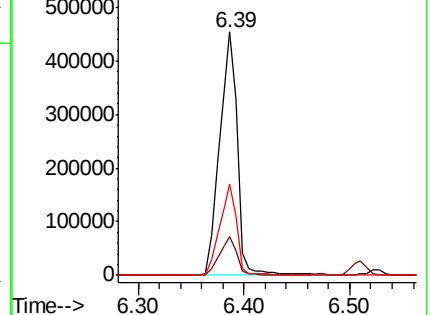
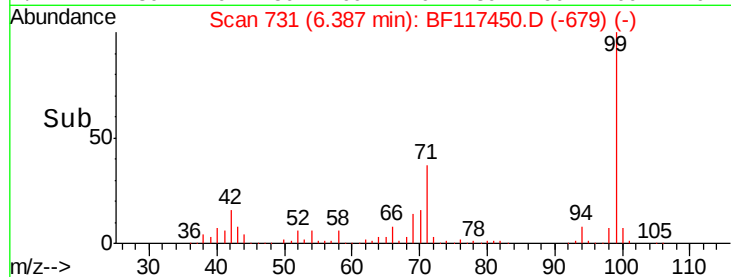
99 100

42 16.1 12.8 19.2

71 37.3 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: 43.412 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

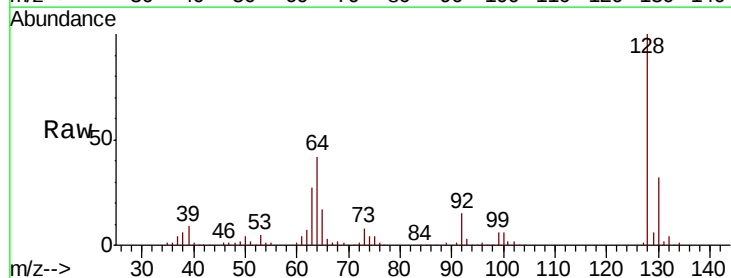
Tgt Ion: 128 Resp: 163767

Ion Ratio Lower Upper

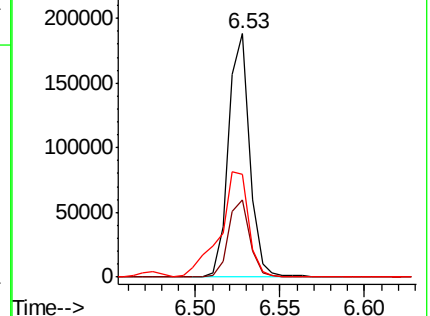
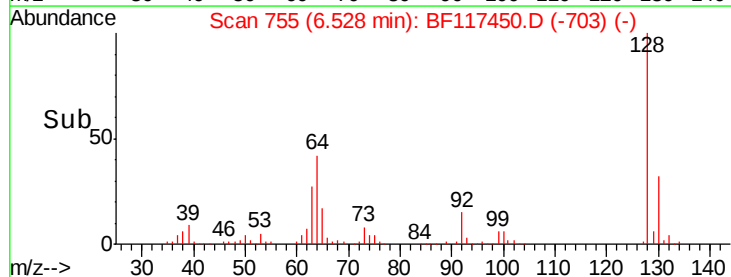
128 100

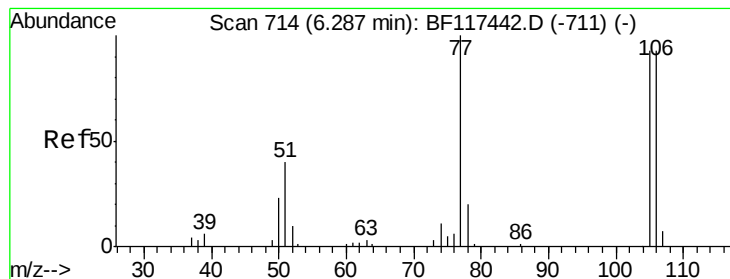
130 31.8 11.1 51.1

64 42.0 27.1 67.1



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





#9

Benzaldehyde

Concen: 23.608 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

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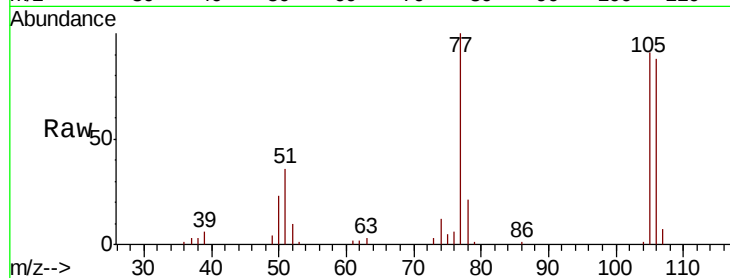
Tot Ion: 77 Resp: 62013

Ion Ratio Lower Upper

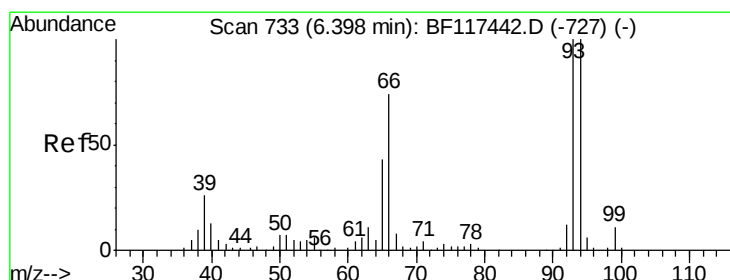
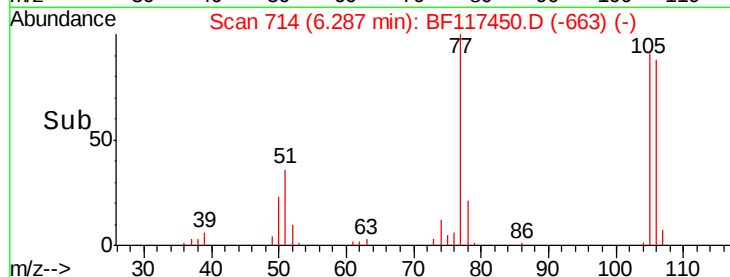
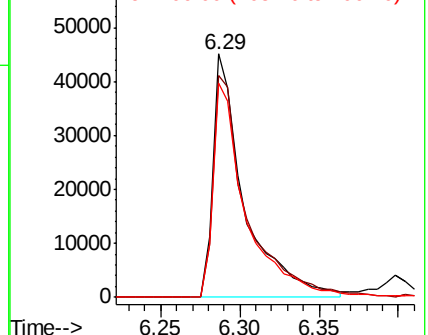
77 100

105 91.0 73.4 113.4

106 87.8 73.0 113.0



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: 42.693 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

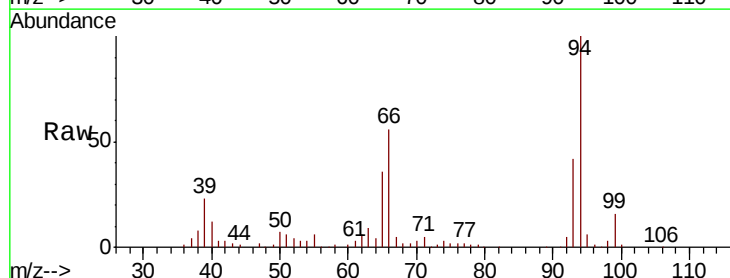
Tgt Ion: 94 Resp: 209231

Ion Ratio Lower Upper

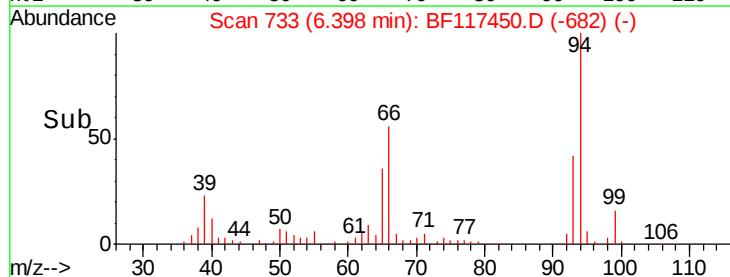
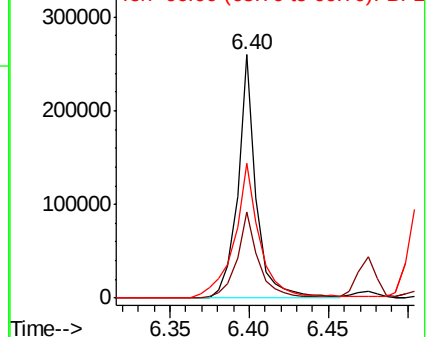
94 100

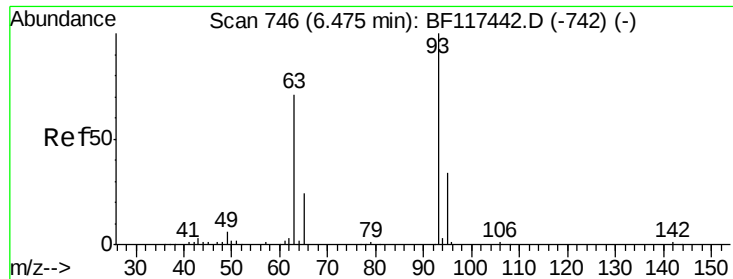
65 35.6 23.4 63.4

66 55.5 54.7 94.7



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

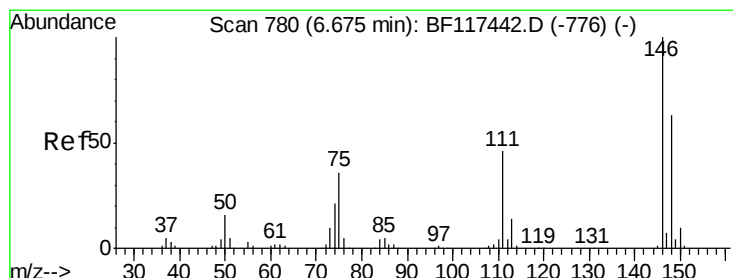
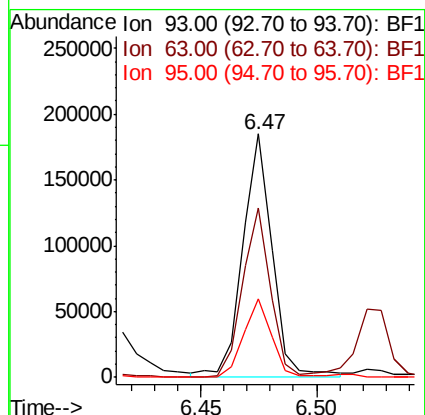
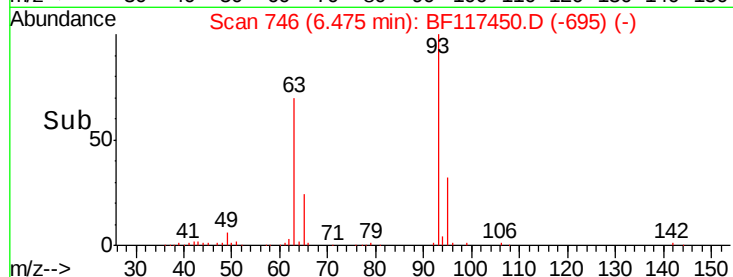
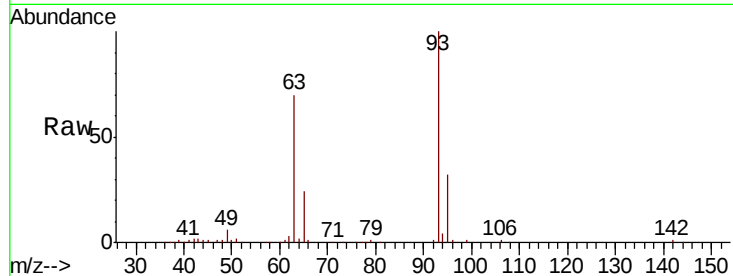




#11
bis(2-Chloroethyl)ether
Concen: 45.366 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

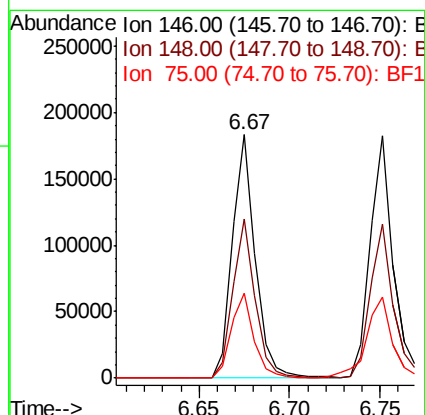
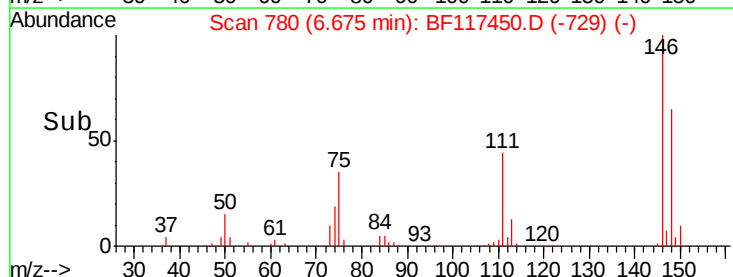
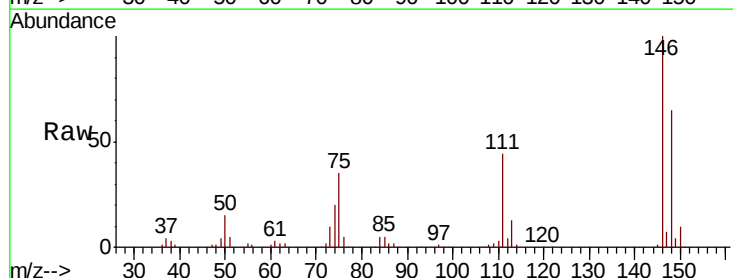
Instrument :
BNA_F
ClientSampleId :

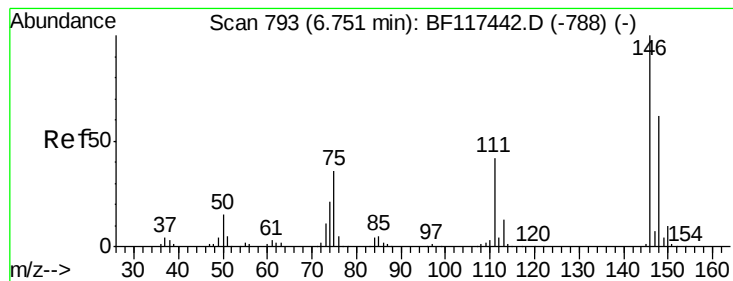
Tot Ion: 93 Resp: 164449
Ion Ratio Lower Upper
93 100
63 69.7 50.2 90.2
95 32.0 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 38.318 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion: 146 Resp: 161310
Ion Ratio Lower Upper
146 100
148 65.1 50.6 75.8
75 35.0 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 39.338 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampled :

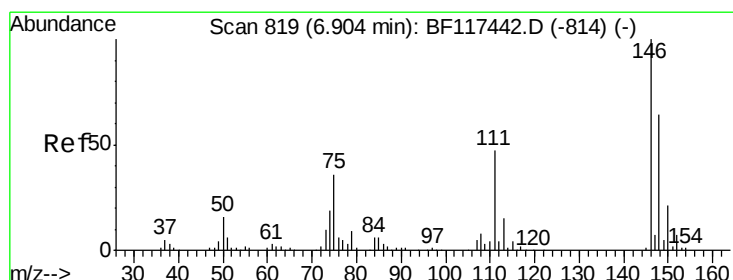
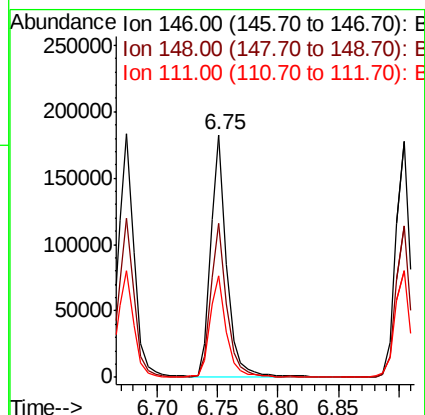
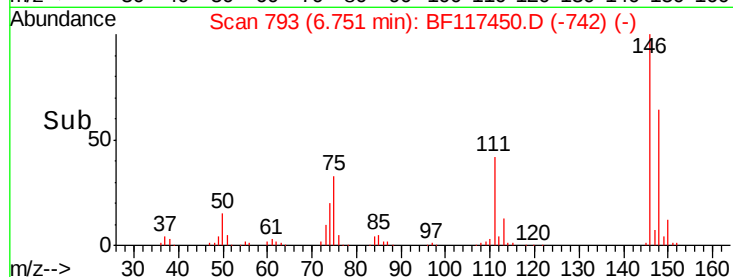
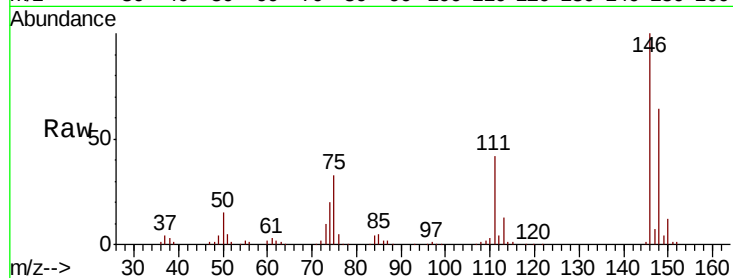
Tot Ion:146 Resp: 167996

Ion Ratio Lower Upper

146 100

148 63.5 49.3 73.9

111 41.9 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 39.637 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

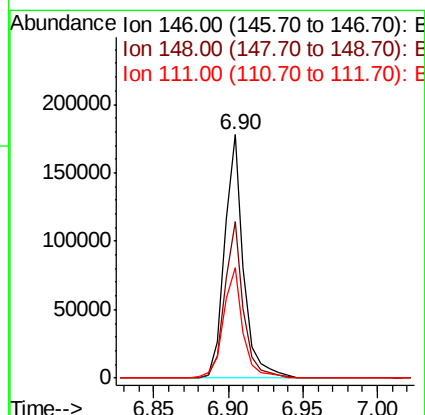
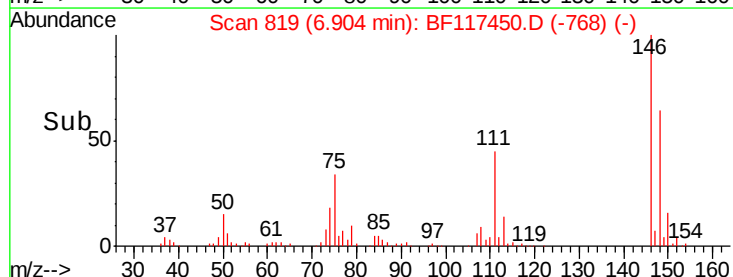
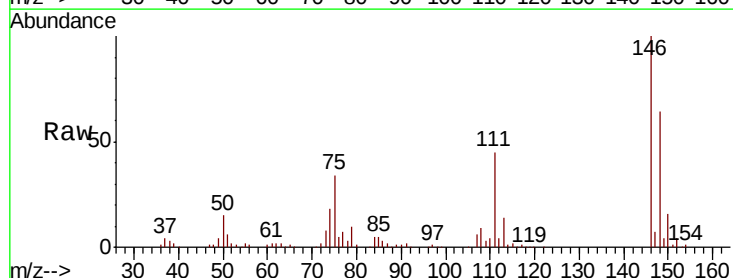
Tgt Ion:146 Resp: 159561

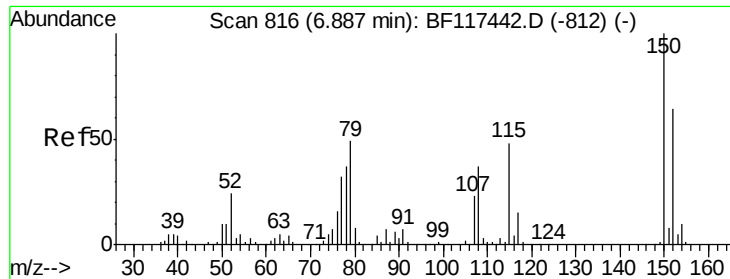
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 45.2 37.7 56.5





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampled :

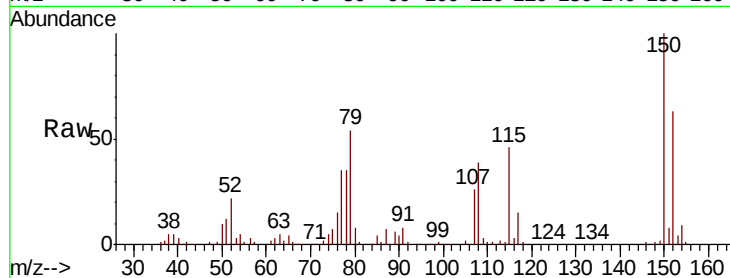
Tot Ion: 79 Resp: 148929

Ion Ratio Lower Upper

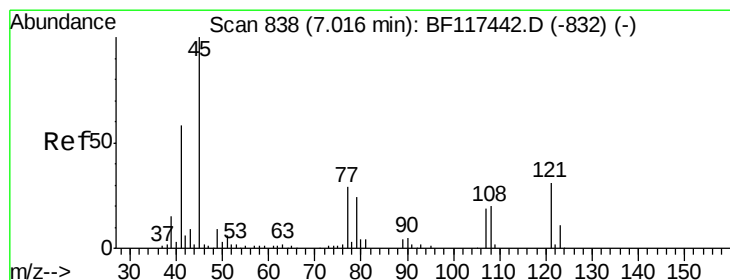
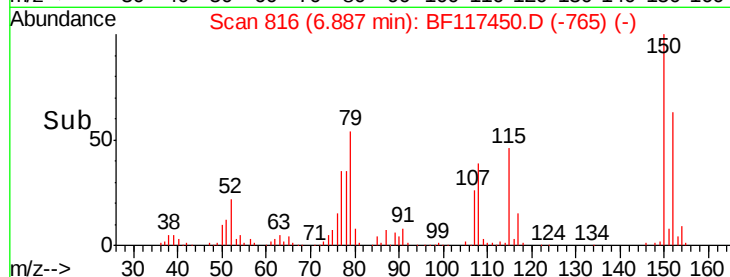
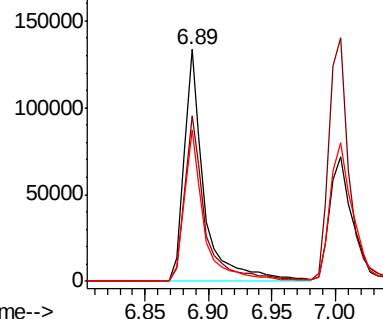
79 100

108 71.7 59.8 89.8

77 65.4 51.4 77.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.729 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

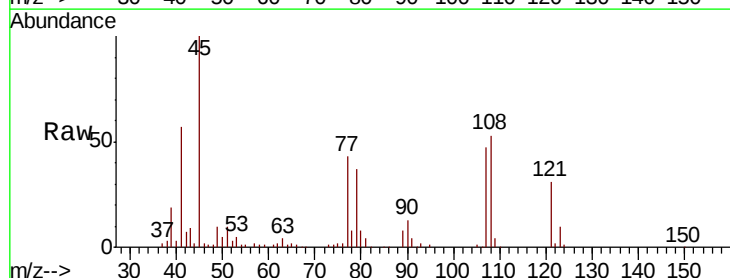
Tgt Ion: 45 Resp: 155356

Ion Ratio Lower Upper

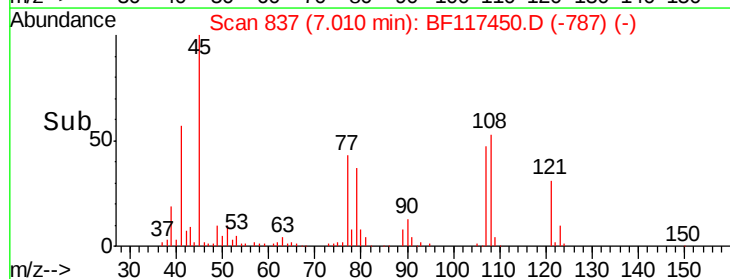
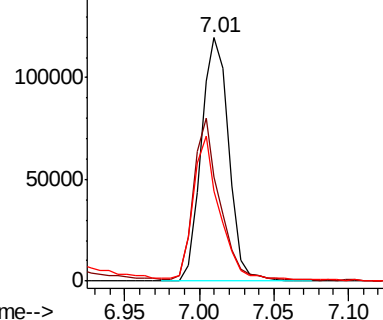
45 100

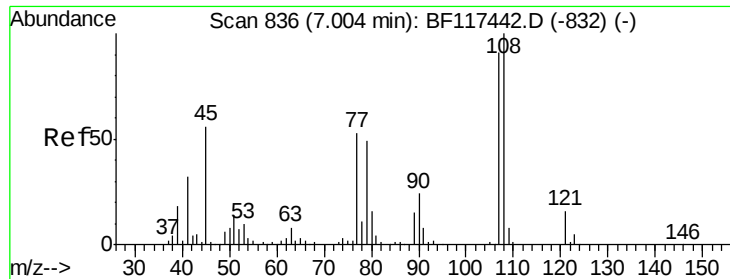
77 43.0 9.9 49.9

79 37.1 5.5 45.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

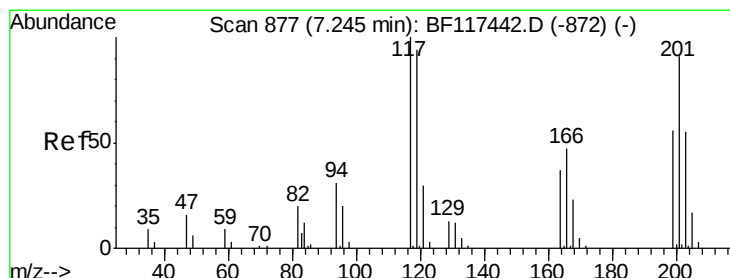
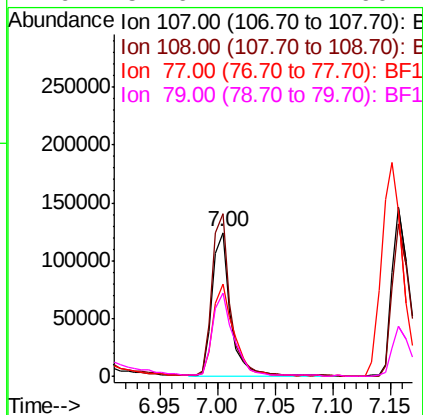
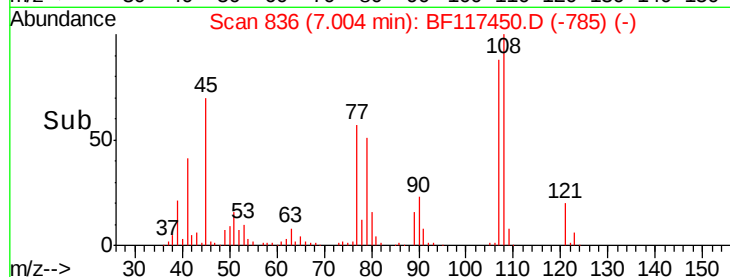
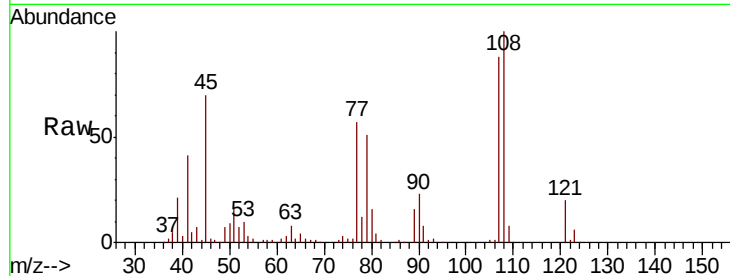




#17
2-Methylphenol
Concen: 43.756 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

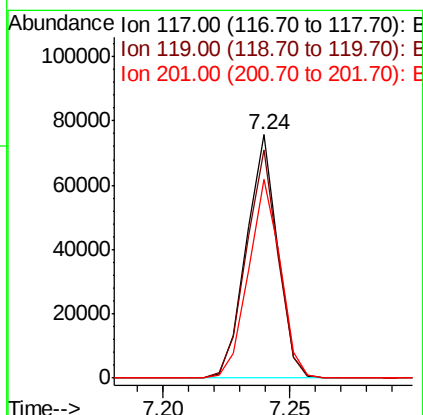
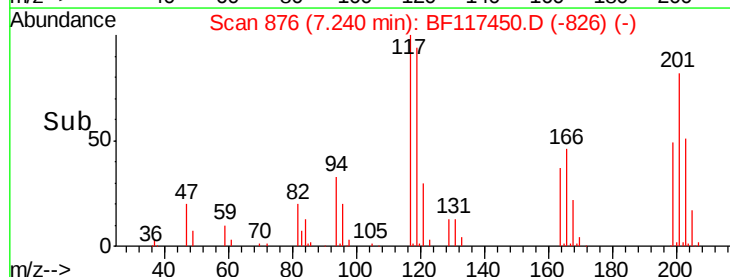
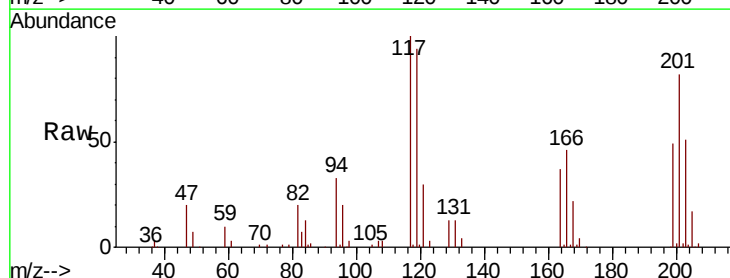
Instrument :
BNA_F
ClientSampleId :

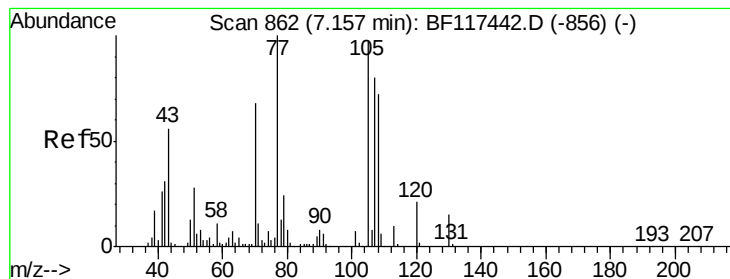
Tot Ion:107 Resp: 135789
Ion Ratio Lower Upper
107 100
108 113.1 88.0 132.0
77 64.4 47.2 70.8
79 57.6 44.1 66.1



#18
Hexachloroethane
Concen: 38.956 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:117 Resp: 64935
Ion Ratio Lower Upper
117 100
119 93.6 75.4 113.0
201 81.9 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.164 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 126578

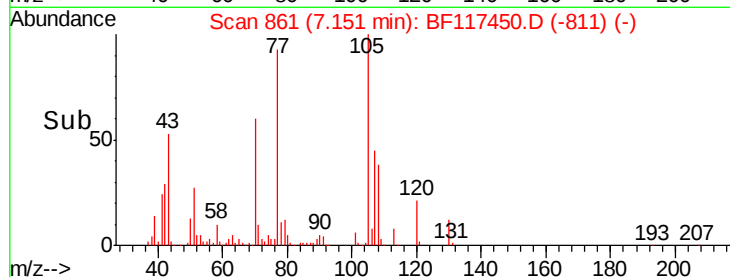
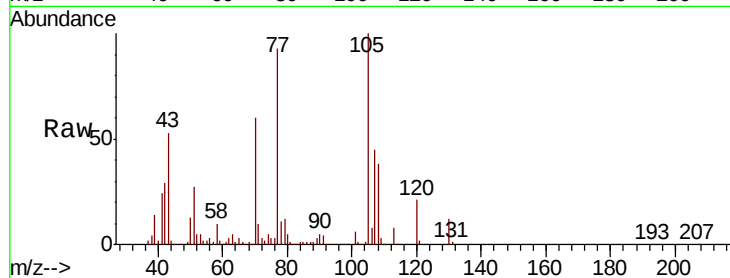
Ion Ratio Lower Upper

70 100

42 48.2 36.7 55.1

101 9.6 8.3 12.5

130 19.6 18.1 27.1

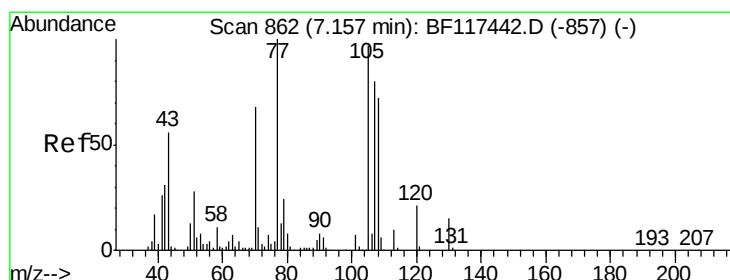
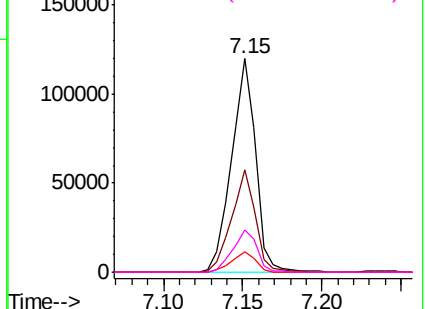


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 43.871 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:107 Resp: 178503

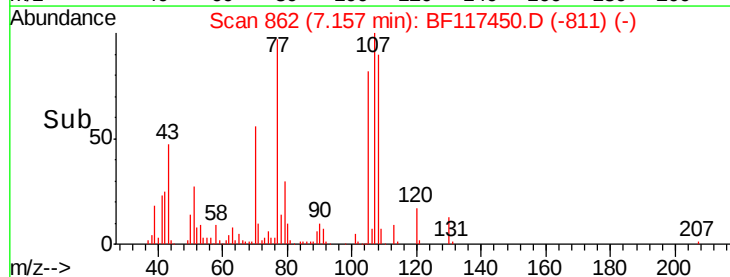
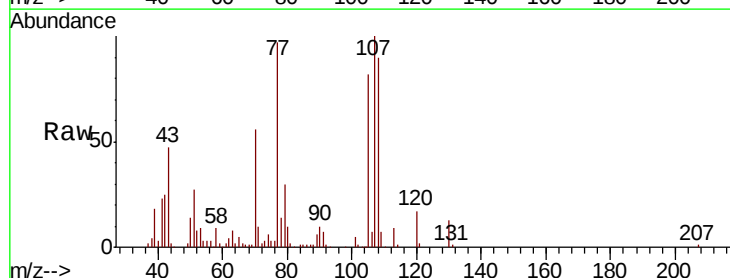
Ion Ratio Lower Upper

107 100

108 89.6 70.3 110.3

77 97.5 104.8 144.8#

79 29.7 10.0 50.0

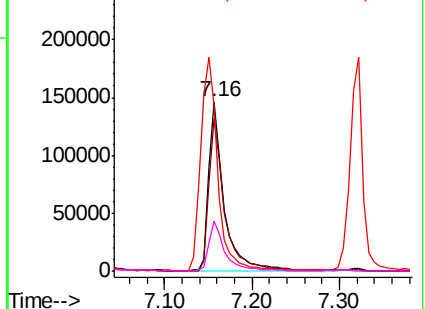


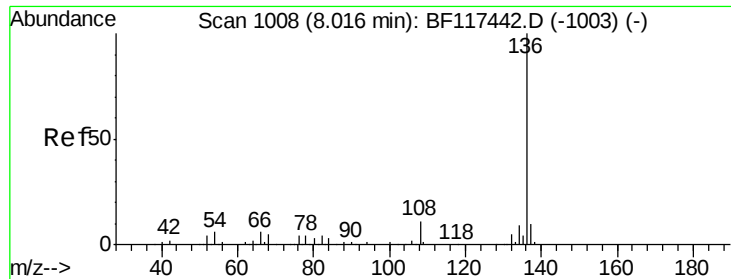
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 243389

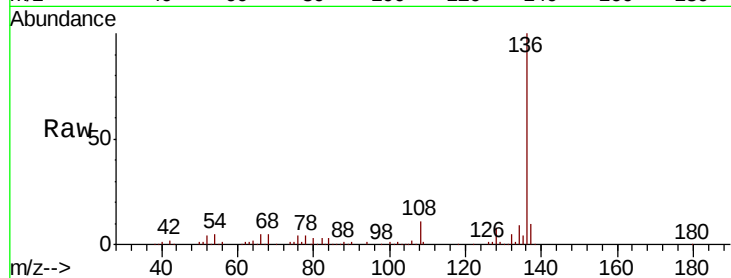
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 5.4 4.5 6.7

68 4.8 4.3 6.5

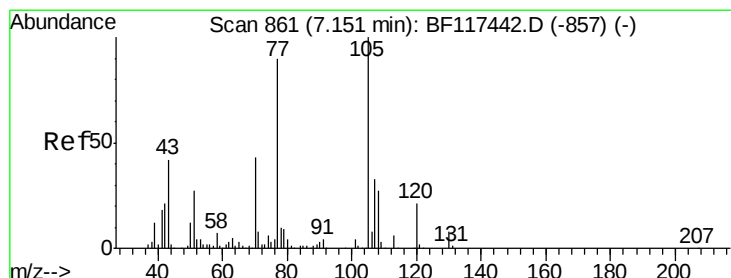
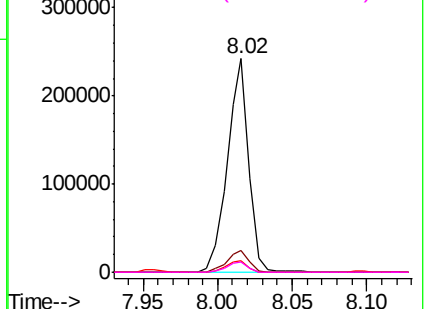
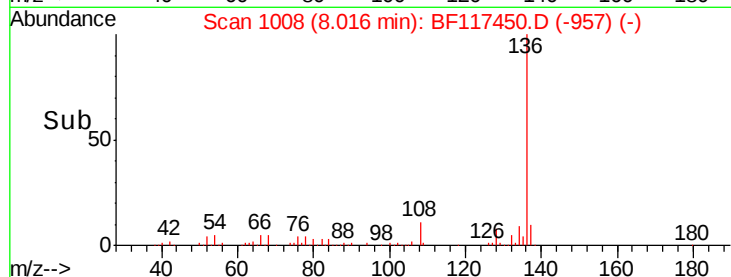


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.621 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:105 Resp: 243138

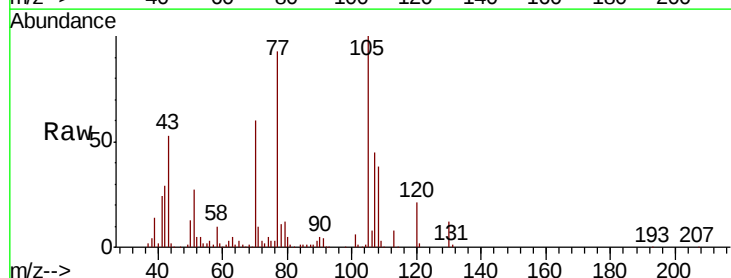
Ion Ratio Lower Upper

105 100

71 9.9 6.2 9.2#

51 27.0 21.8 32.6

120 21.1 16.7 25.1

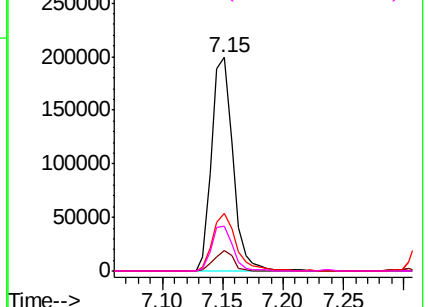
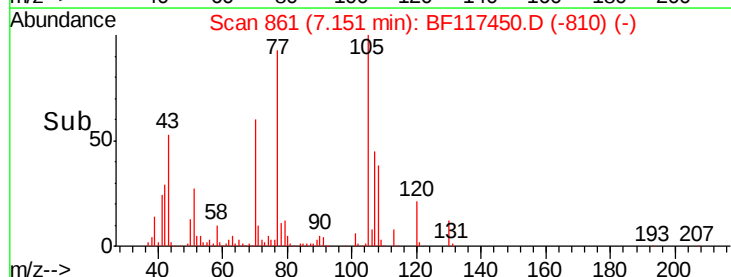


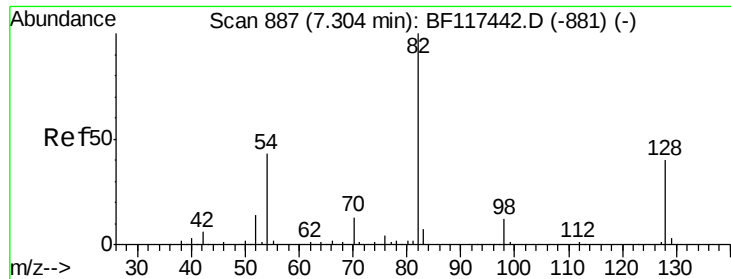
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

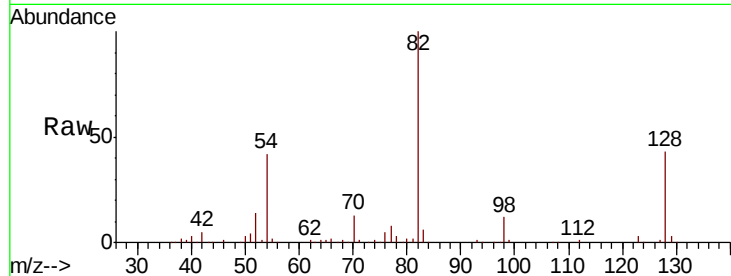




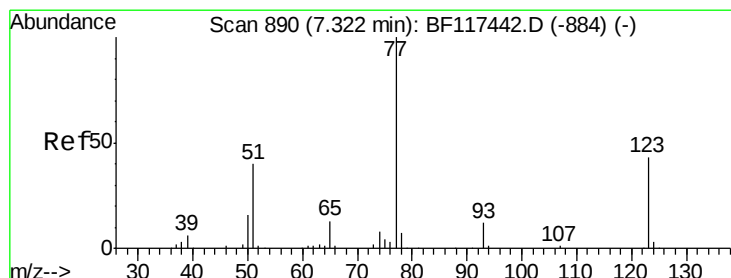
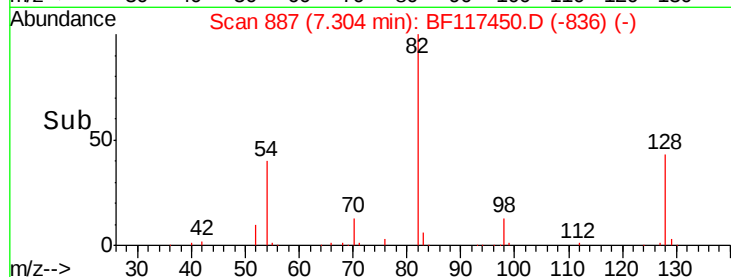
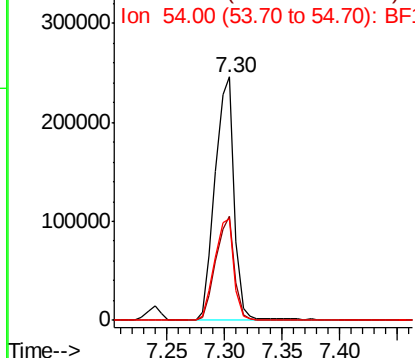
#23
Nitrobenzene-d5
Concen: 57.909 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 285498
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 41.5 34.2 51.2

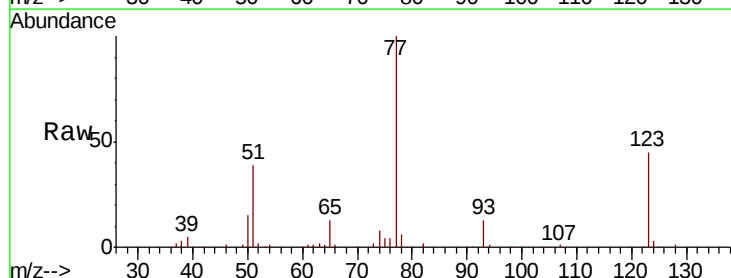


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

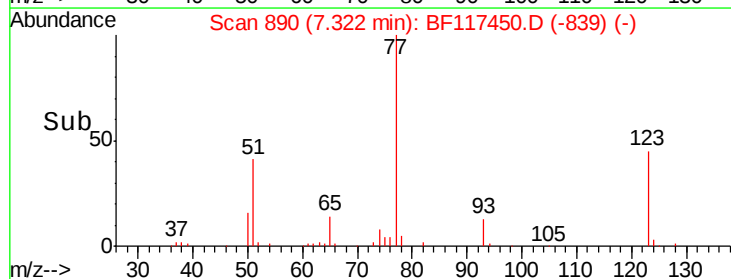
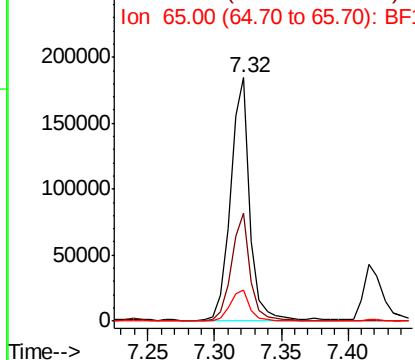


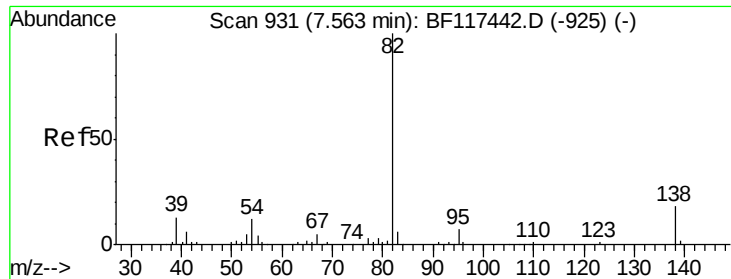
#24
Nitrobenzene
Concen: 39.217 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion: 77 Resp: 185186
Ion Ratio Lower Upper
77 100
123 44.5 34.2 51.2
65 12.8 10.3 15.5



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: 40.366 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

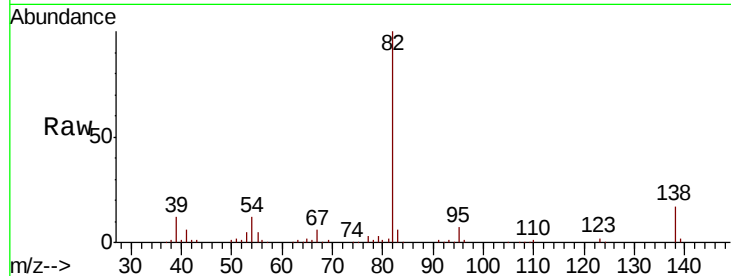
Tot Ion: 82 Resp: 344266

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

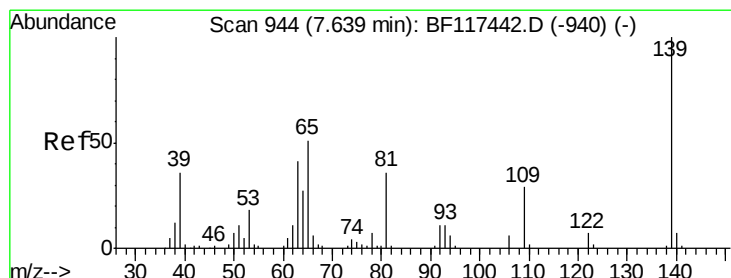
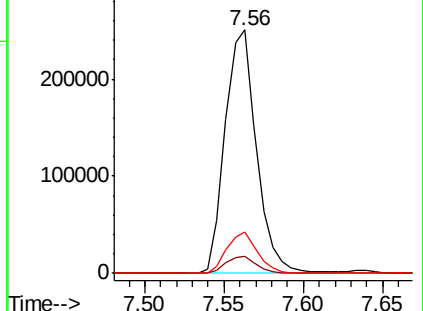
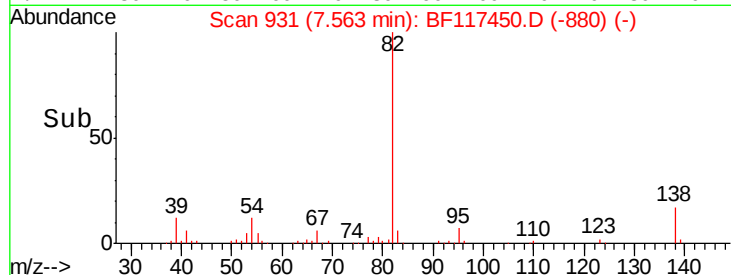
138 17.0 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.049 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

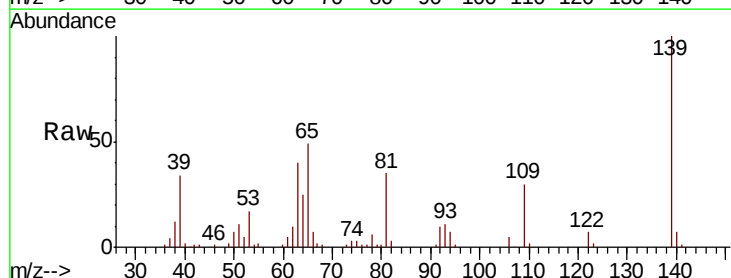
Tgt Ion: 139 Resp: 86451

Ion Ratio Lower Upper

139 100

109 29.8 23.2 34.8

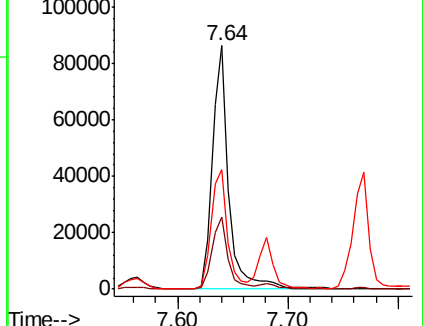
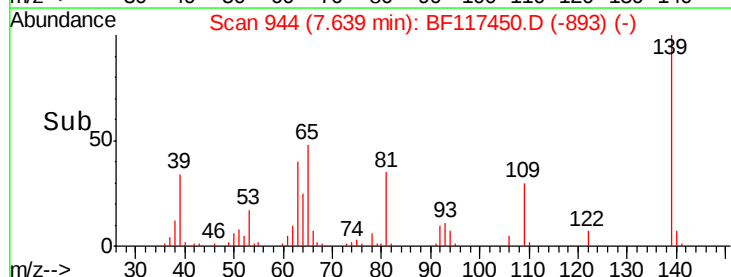
65 49.0 41.1 61.7

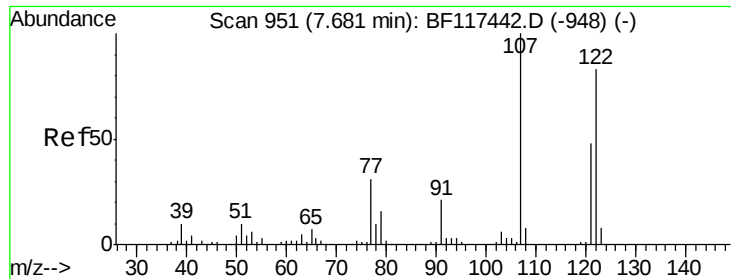


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

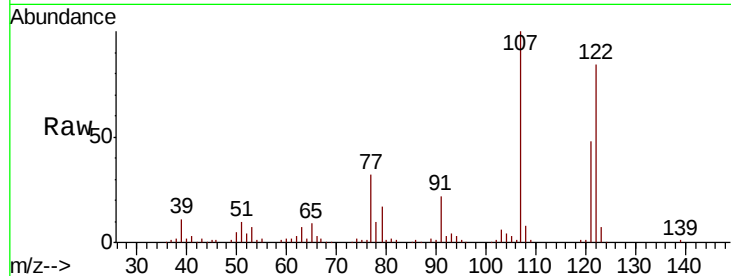




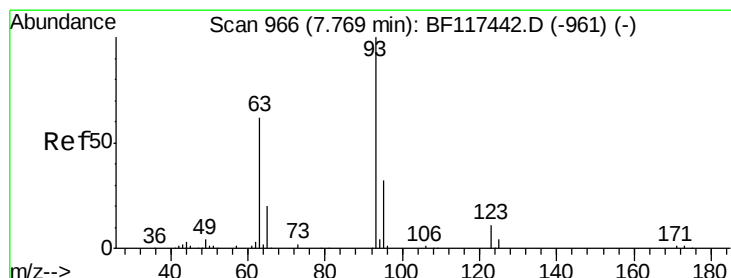
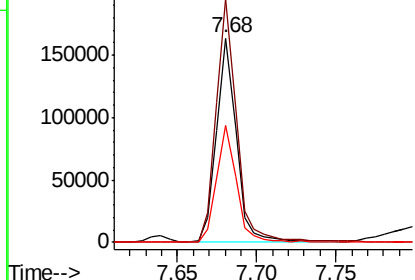
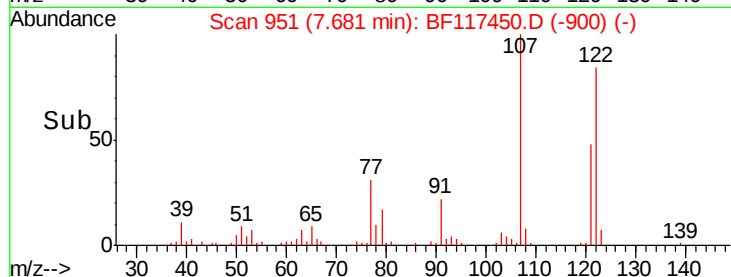
#27
2,4-Dimethylphenol
Concen: 46.090 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 145066
Ion Ratio Lower Upper
122 100
107 119.2 96.8 145.2
121 57.0 46.4 69.6

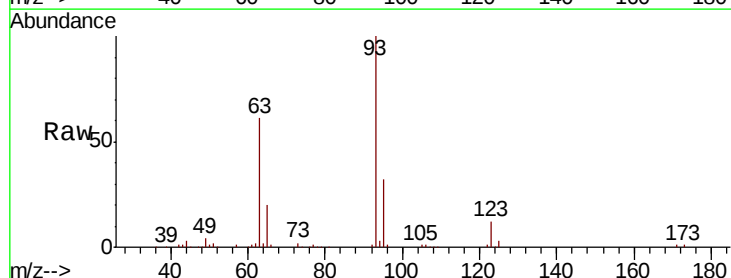


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

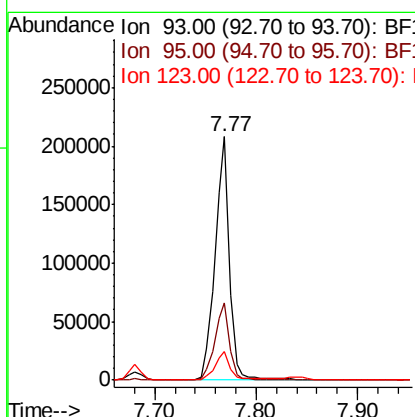
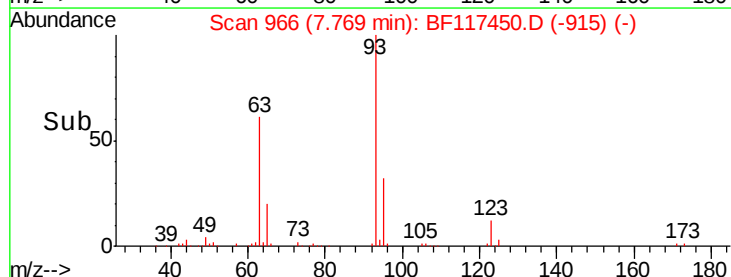


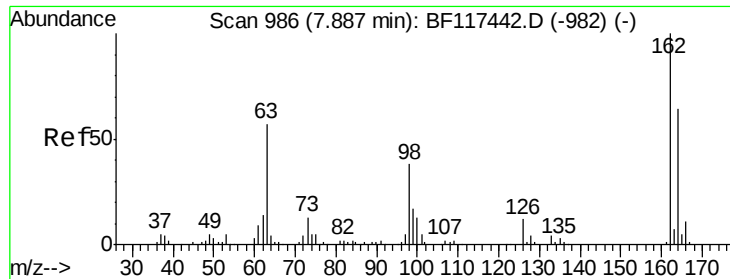
#28
bis(2-Chloroethoxy)methane
Concen: 38.992 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion: 93 Resp: 205201
Ion Ratio Lower Upper
93 100
95 31.6 25.5 38.3
123 11.5 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

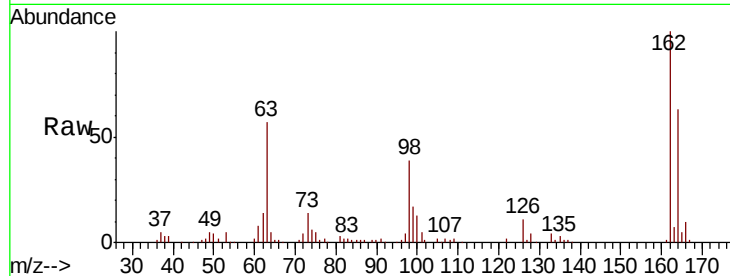




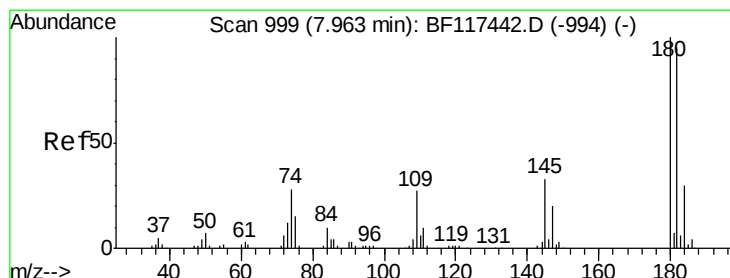
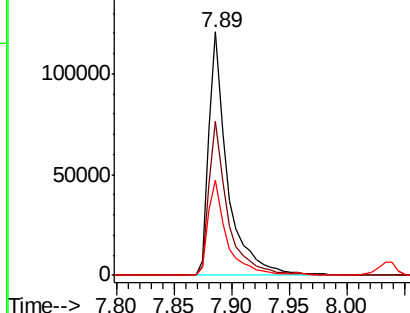
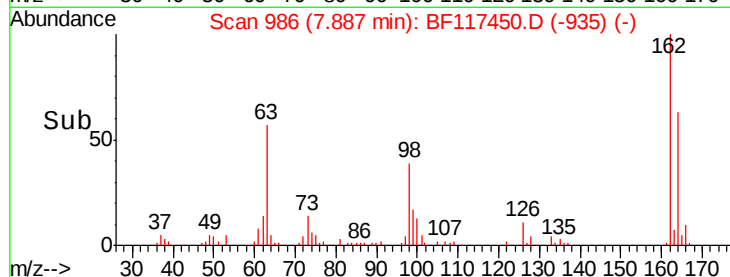
#29
 2,4-Dichlorophenol
 Concen: 41.393 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.4	84.4
98	39.3	18.2	58.2

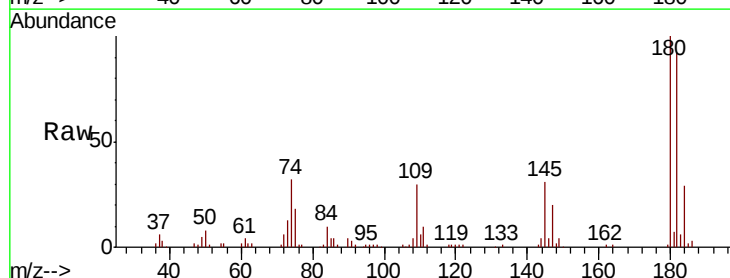


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

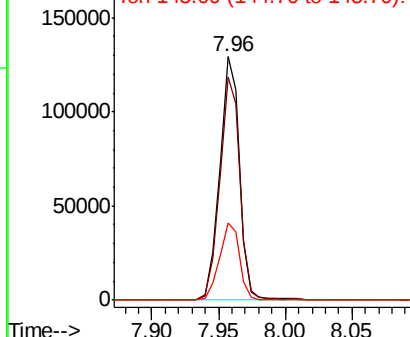
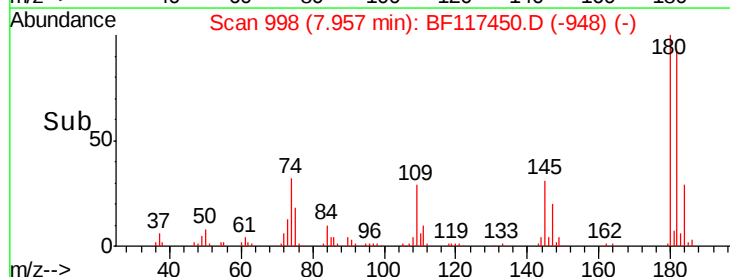


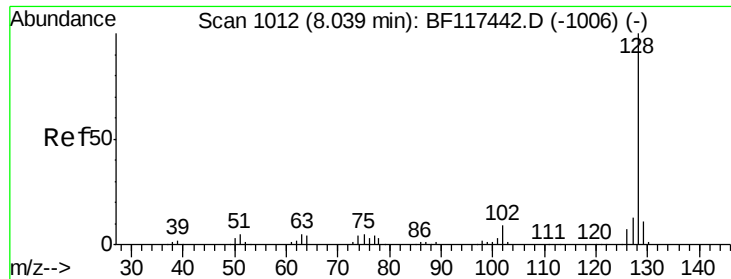
#30
 1,2,4-Trichlorobenzene
 Concen: 38.160 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.8	113.8
145	31.5	26.5	39.7



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

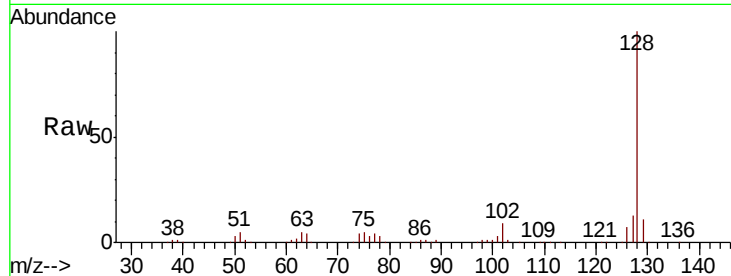




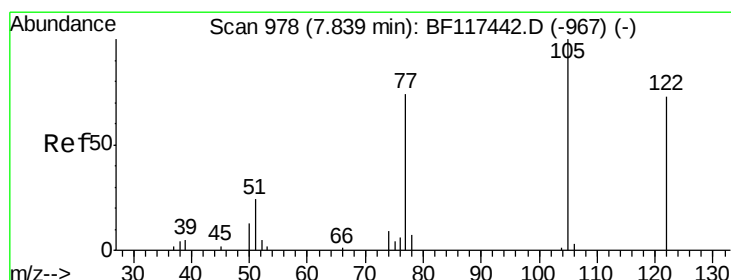
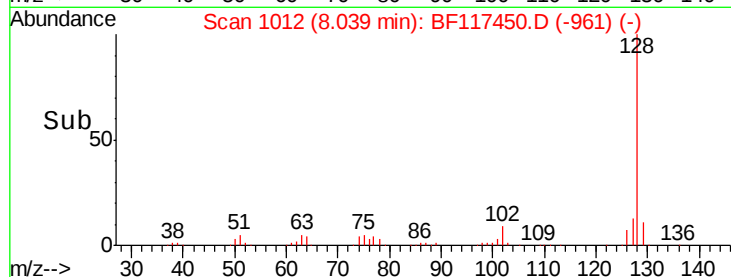
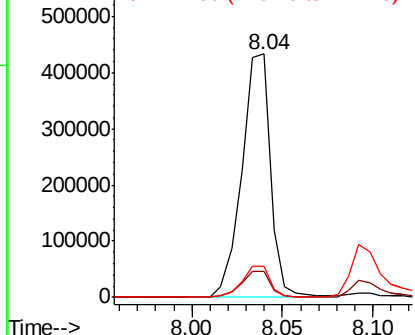
#31
Naphthalene
Concen: 39.602 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 477764
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.2 15.2

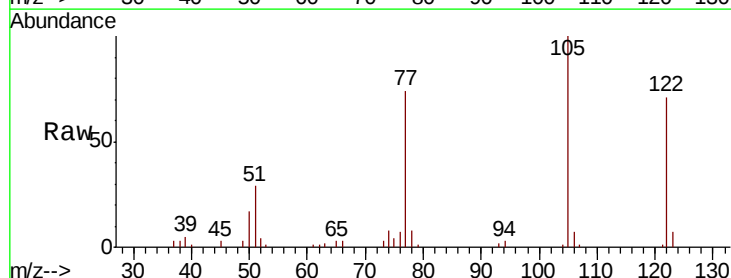


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

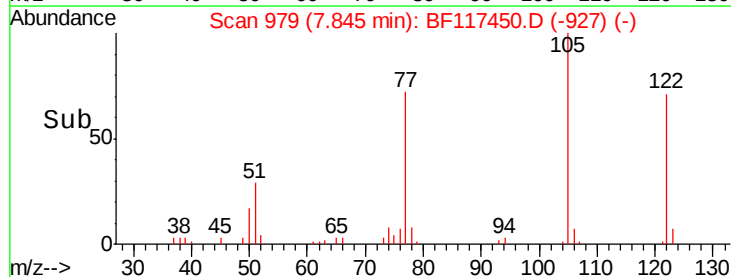
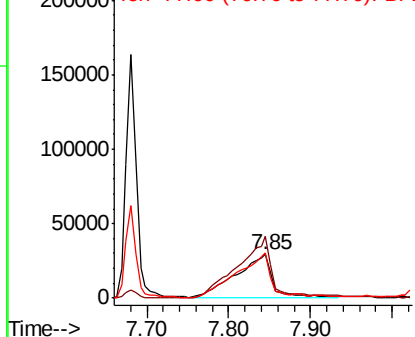


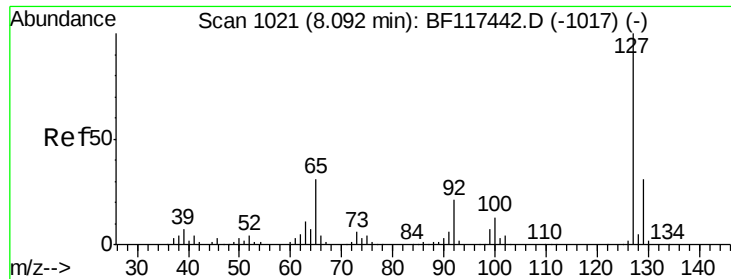
#32
Benzoic acid
Concen: 40.881 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:122 Resp: 88132
Ion Ratio Lower Upper
122 100
105 140.5 115.0 155.0
77 103.9 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

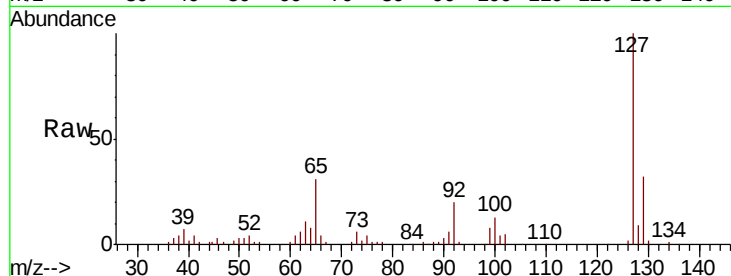




#33
4-Chloroaniline
Concen: 25.346 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.8	37.2
65	30.7	24.6	37.0
92	19.5	16.5	24.7



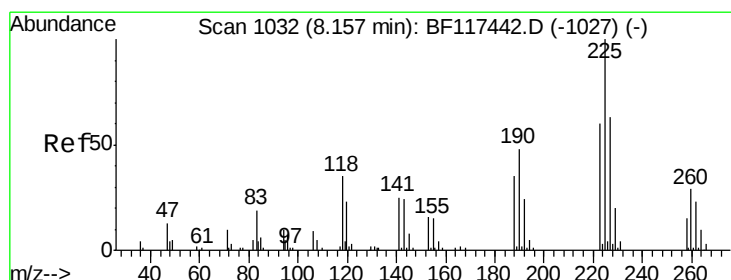
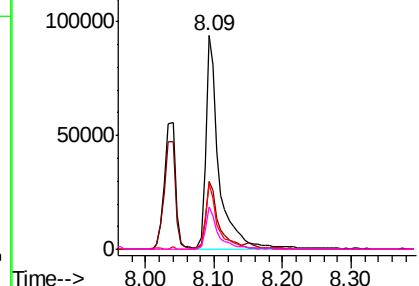
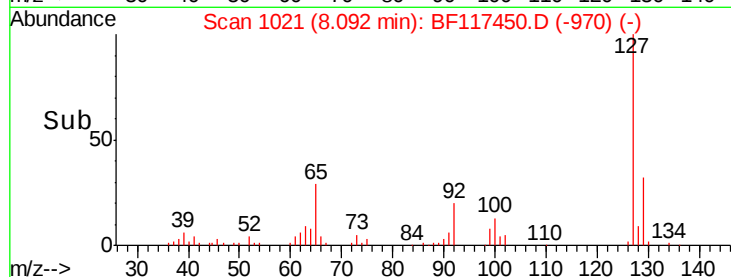
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

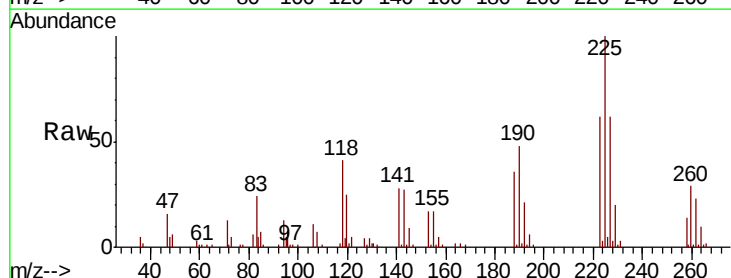
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.861 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.2	72.4
227	62.3	50.2	75.4

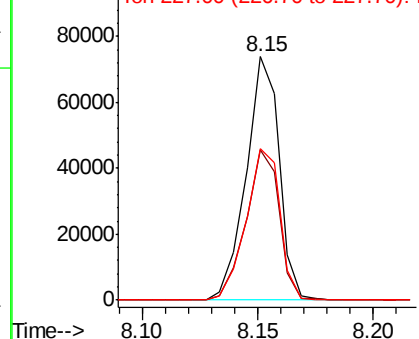
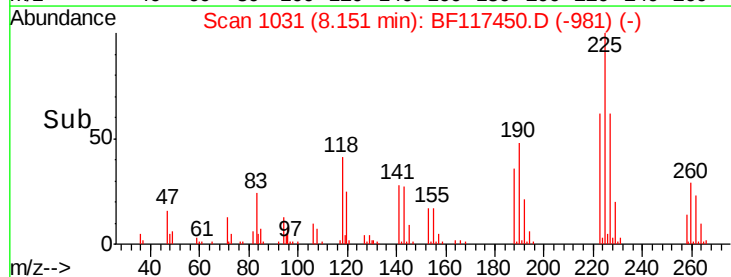


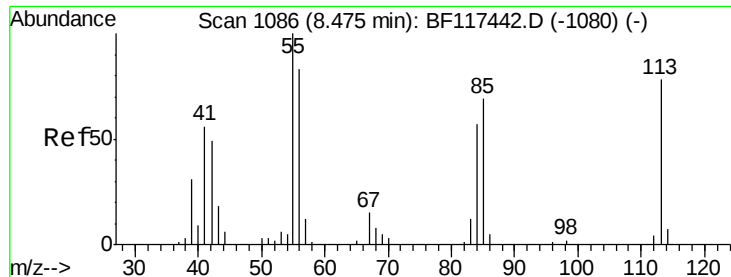
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

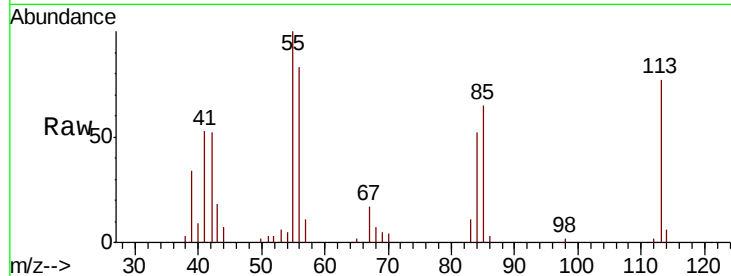




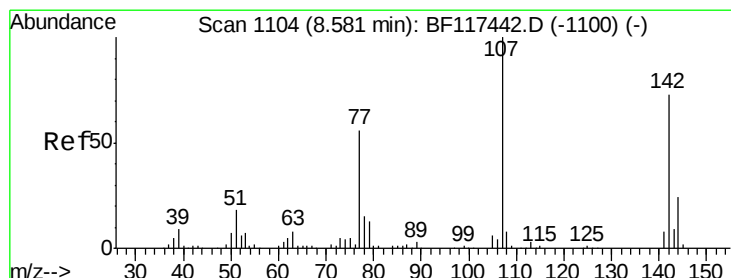
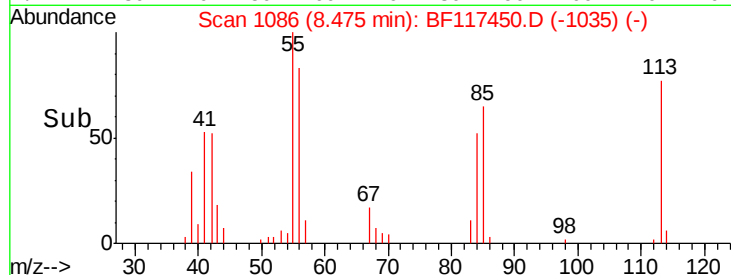
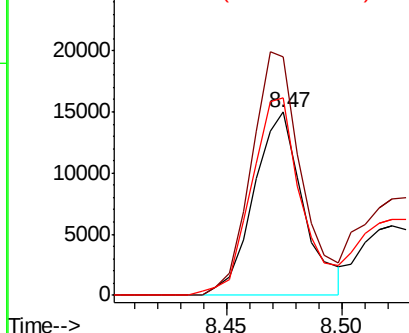
#35
Caprolactam
Concen: 21.185 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 22467
Ion Ratio Lower Upper
113 100
55 130.5 108.8 148.8
56 107.8 87.2 127.2

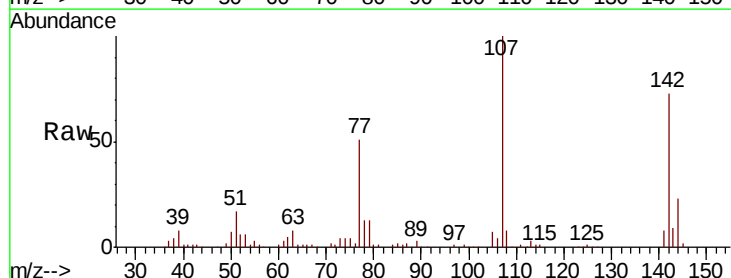


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

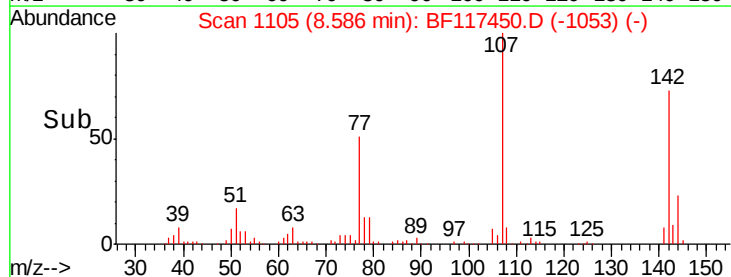
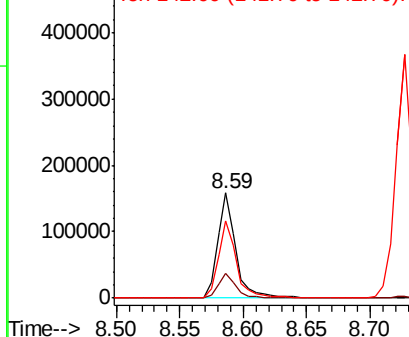


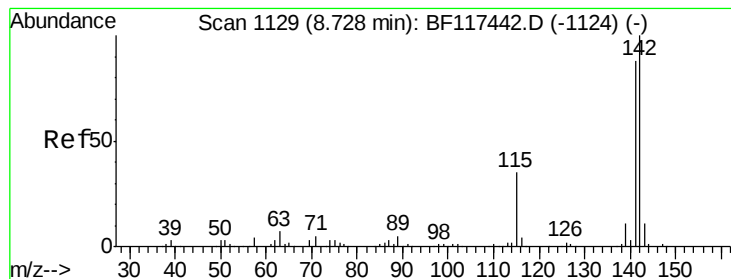
#36
4-Chloro-3-methylphenol
Concen: 42.378 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:107 Resp: 159554
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.2 58.6 88.0



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

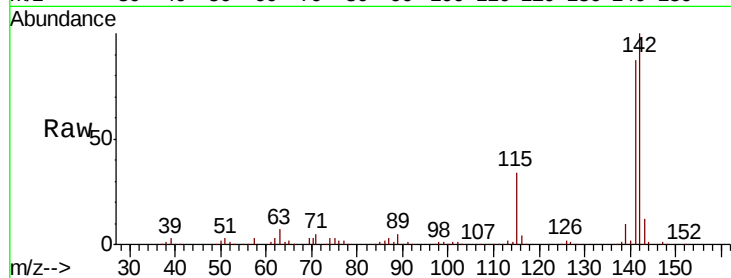




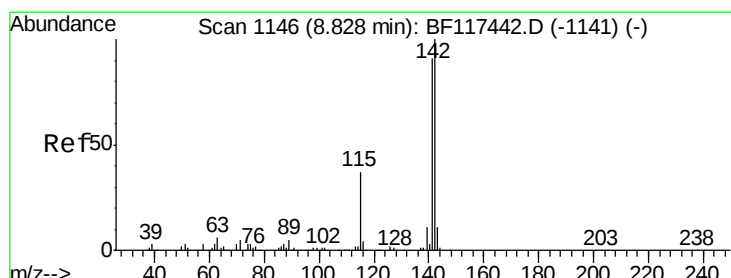
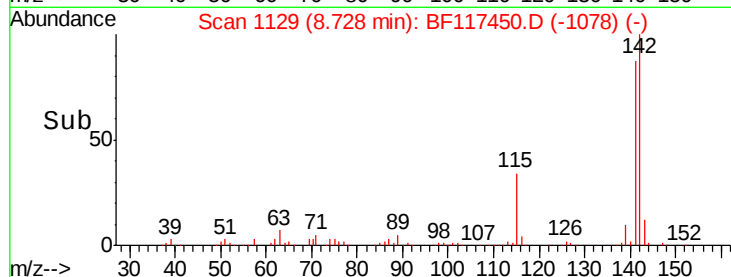
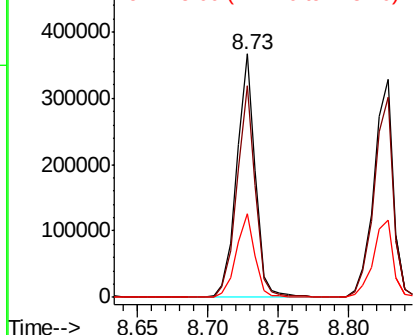
#37
2-Methylnaphthalene
Concen: 41.049 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 333688
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
115 34.1 28.2 42.2

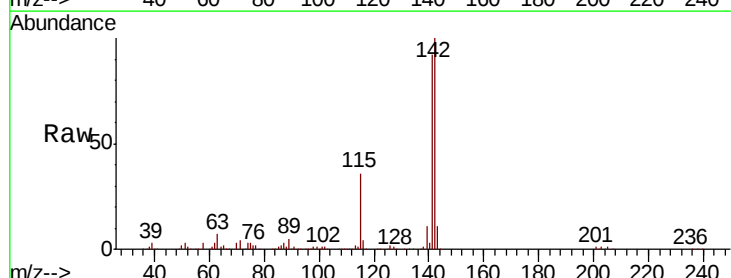


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

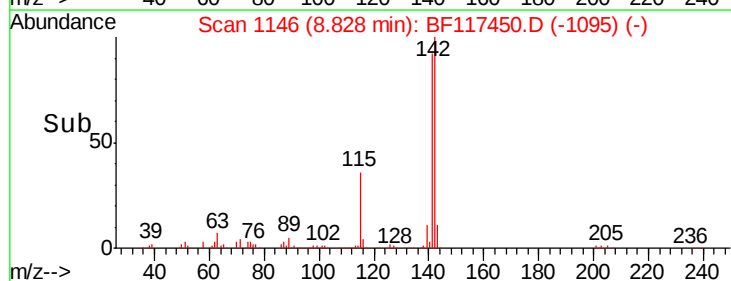
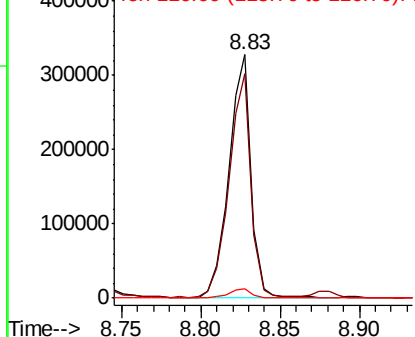


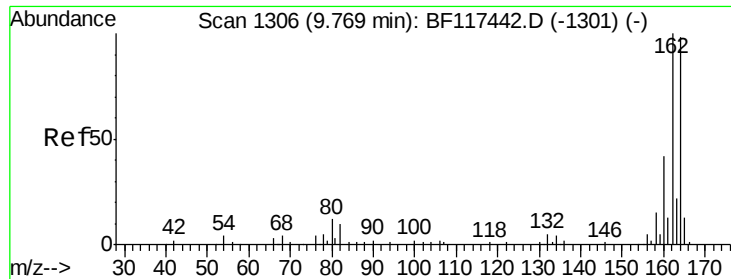
#38
1-Methylnaphthalene
Concen: 40.782 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:142 Resp: 311518
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

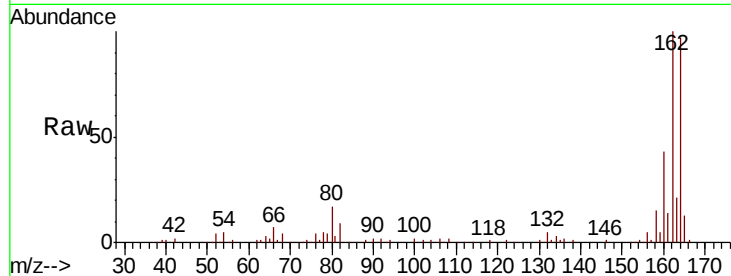




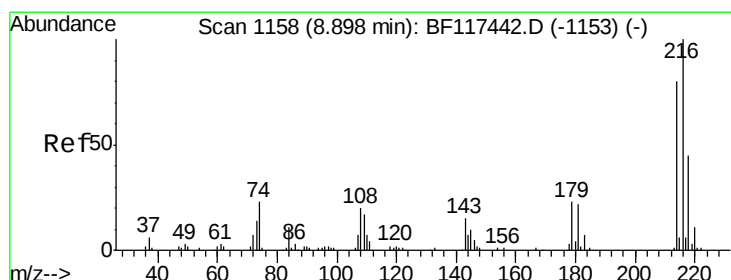
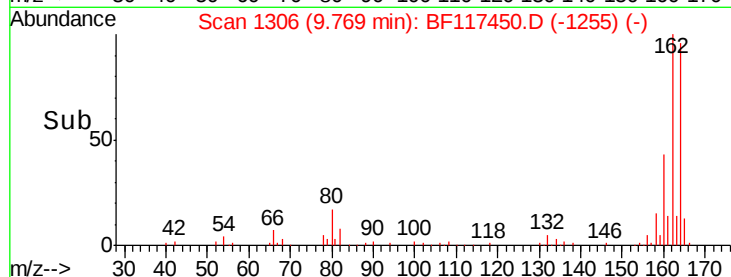
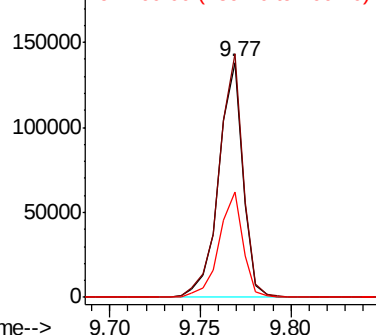
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 128126
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 44.8 34.4 51.6

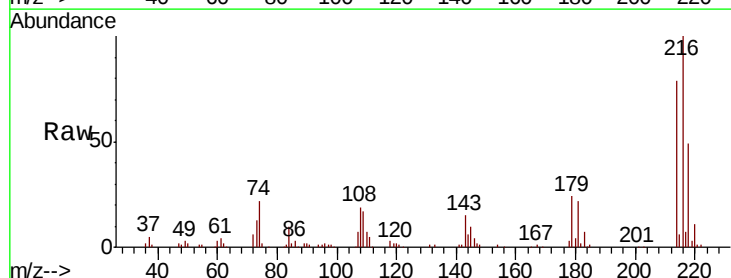


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

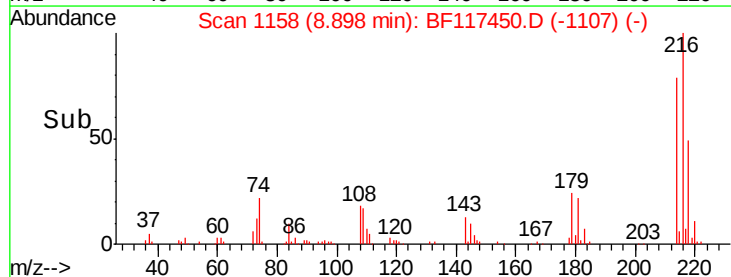
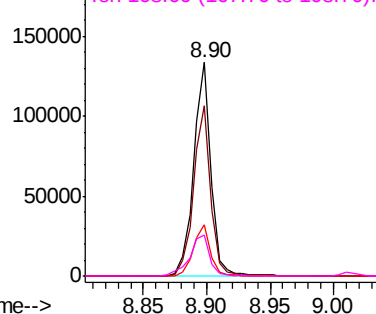


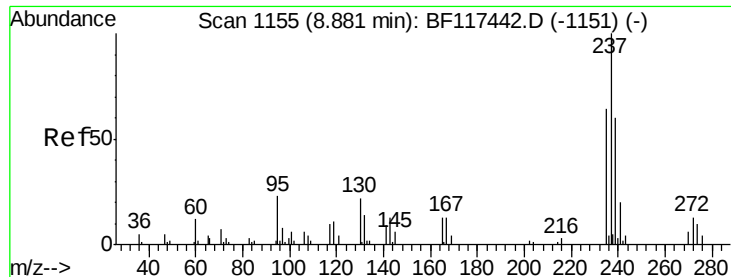
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.715 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:216 Resp: 126700
Ion Ratio Lower Upper
216 100
214 78.9 62.4 93.6
179 23.5 18.1 27.1
108 22.4 16.6 24.8



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: 67.213 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

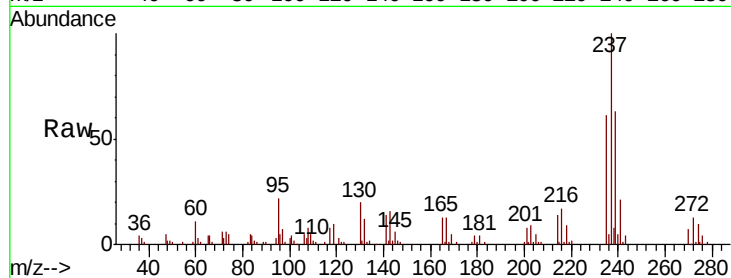
Tot Ion:237 Resp: 57973

Ion Ratio Lower Upper

237 100

235 61.0 44.3 84.3

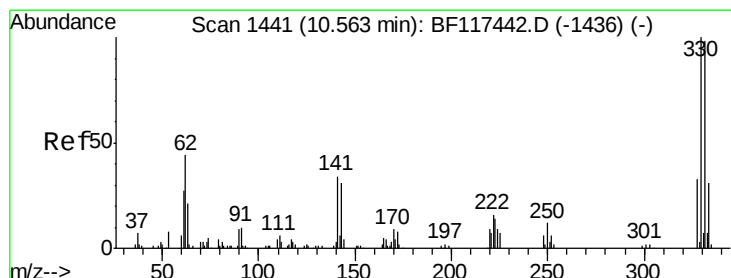
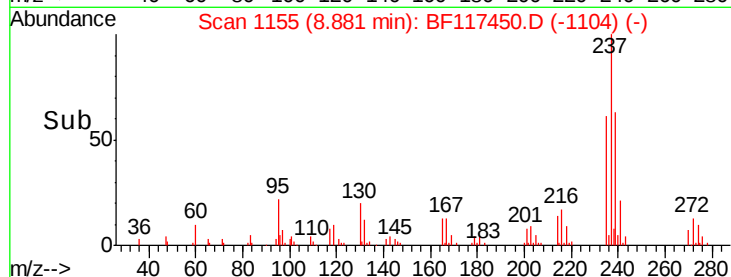
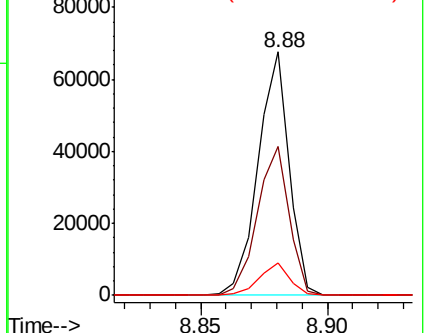
272 13.1 0.0 33.2



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: 105.758 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

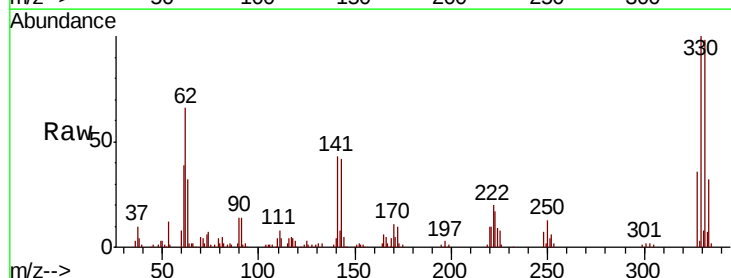
Tgt Ion:330 Resp: 117245

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

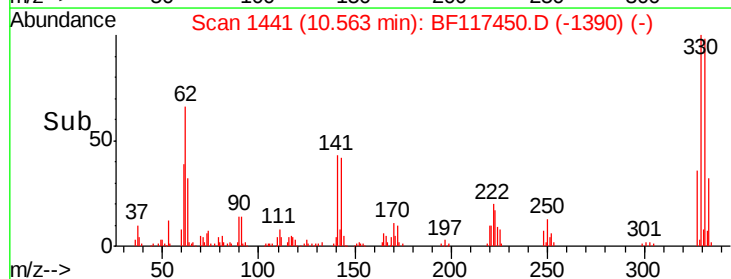
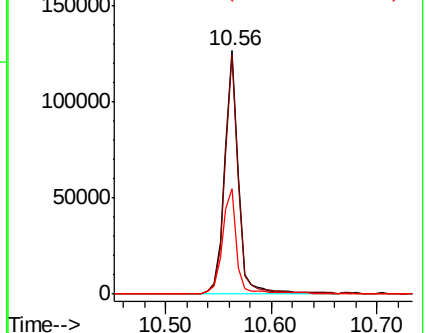
141 44.5 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

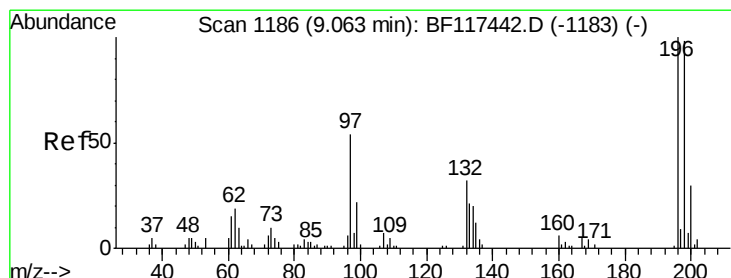
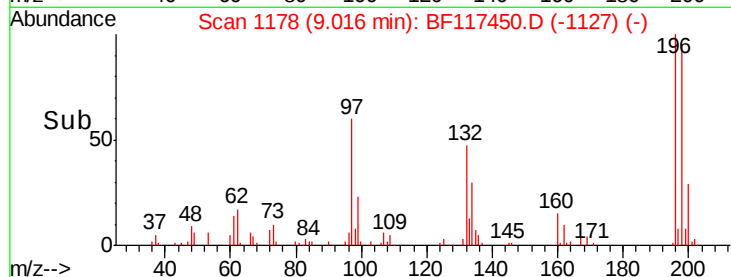
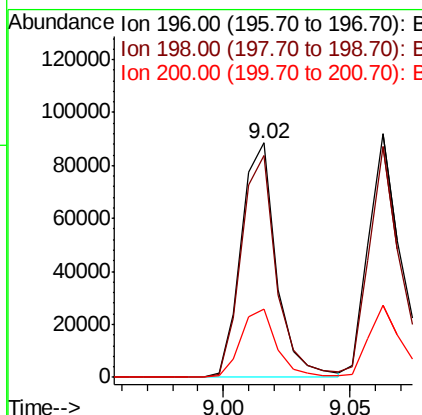
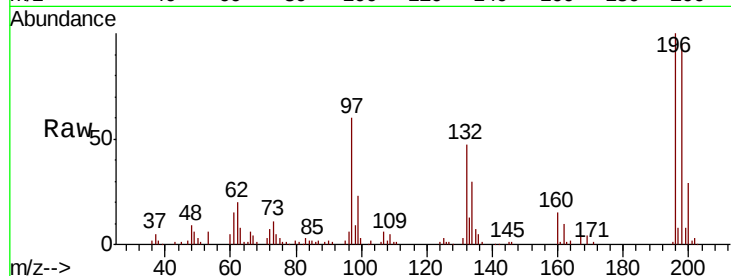




#43
 2,4,6-Trichlorophenol
 Concen: 39.672 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

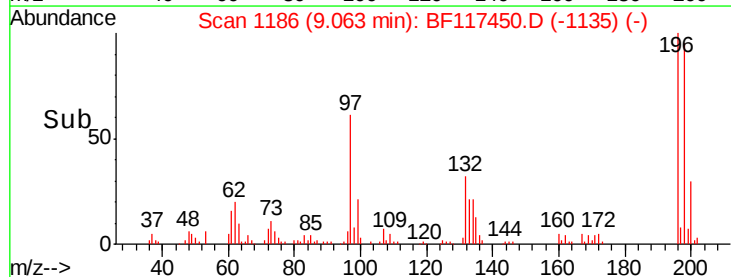
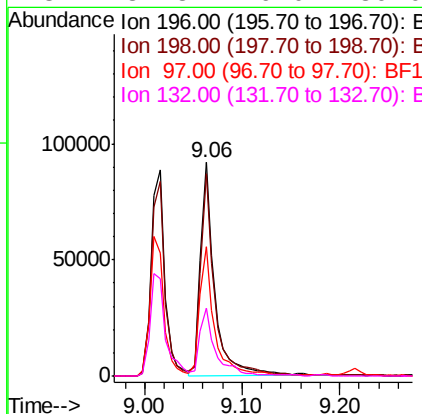
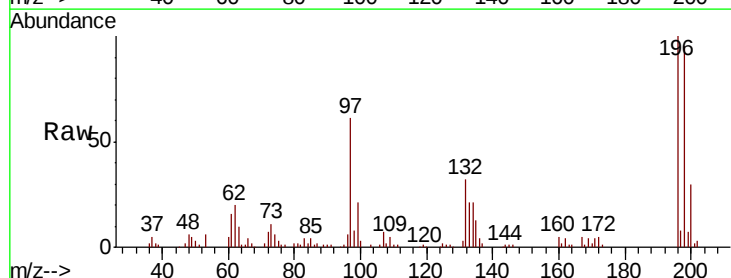
Instrument :
 BNA_F
 ClientSampleId :

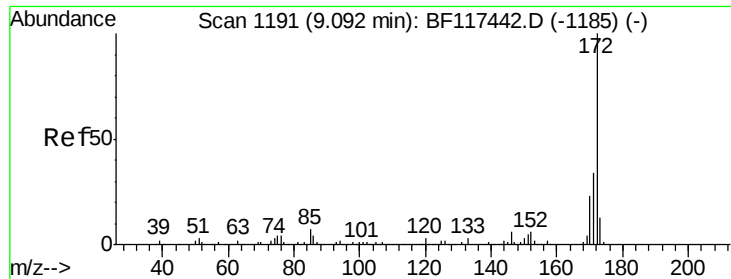
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.1	111.1
200	29.1	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.816 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.6	117.8
97	60.6	43.4	65.2
132	31.8	26.0	39.0

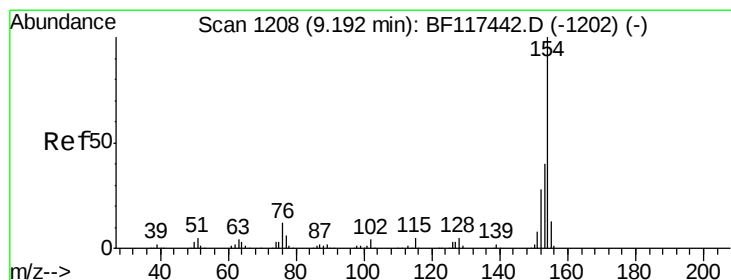
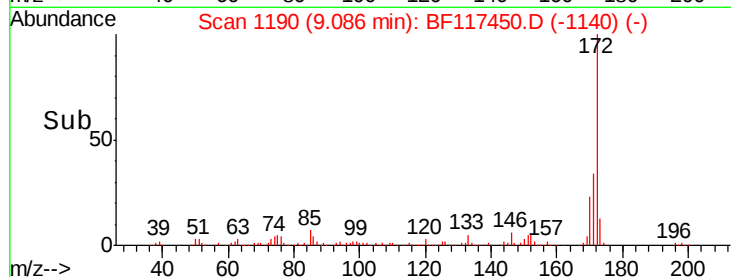
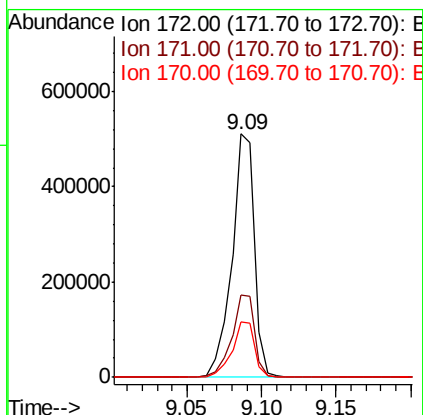
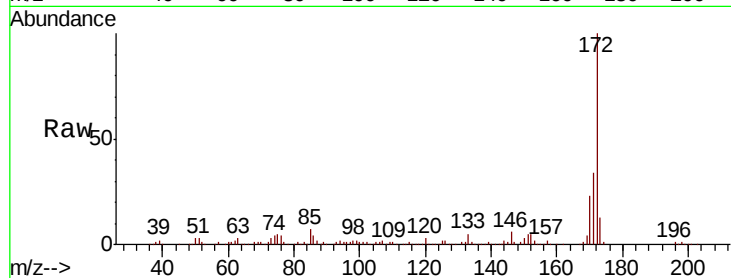




#45
2-Fluorobiphenyl
Concen: 59.658 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

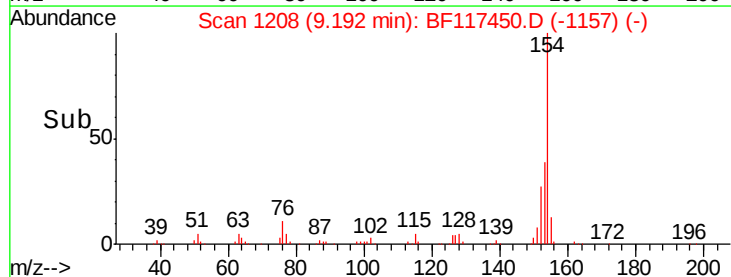
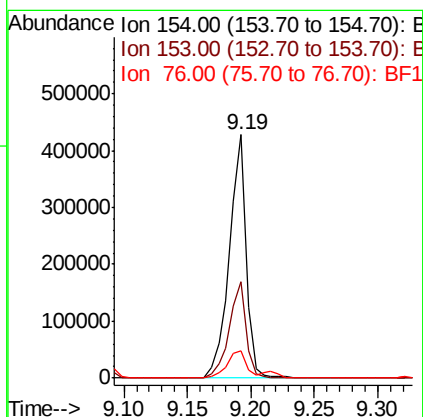
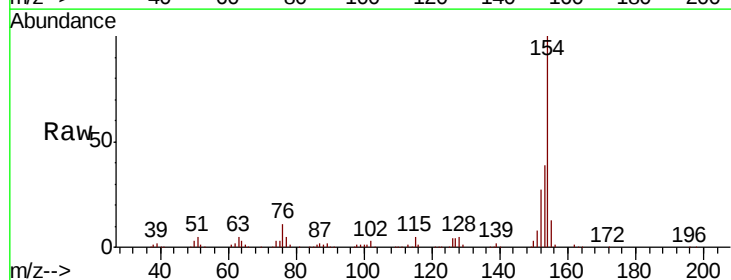
Instrument :
BNA_F
ClientSampleId :

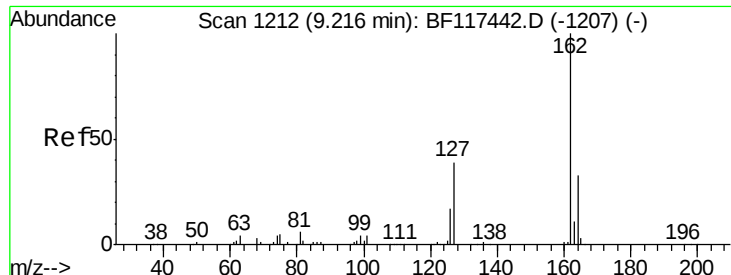
Tot Ion:172 Resp: 542501
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 37.100 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:154 Resp: 393522
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 11.5 0.0 32.1

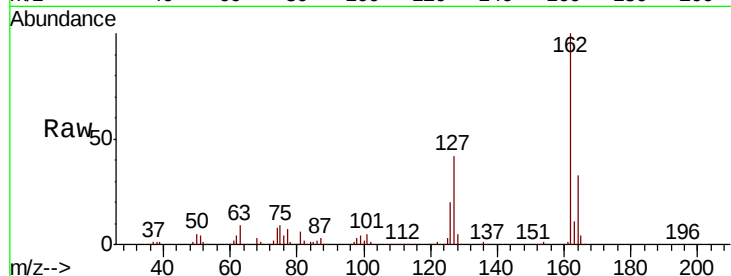




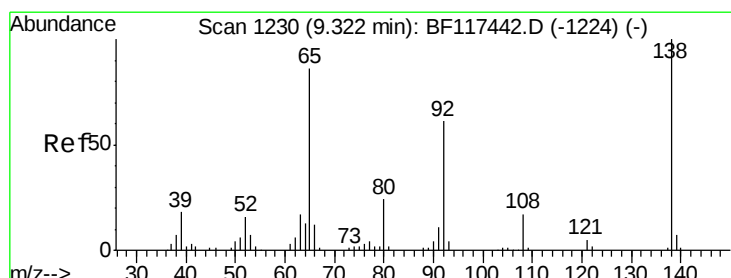
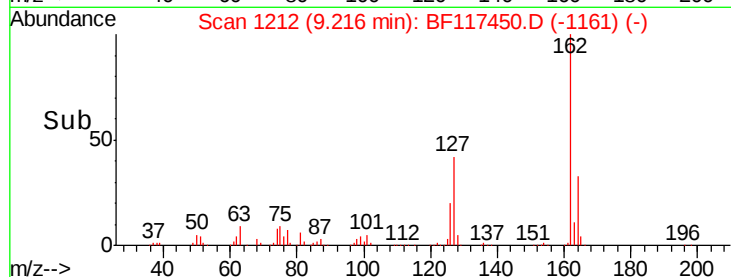
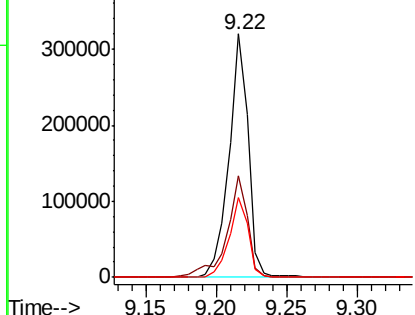
#47
 2-Chloronaphthalene
 Concen: 38.026 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	304117
Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.2	51.4
164	32.8	26.4	39.6

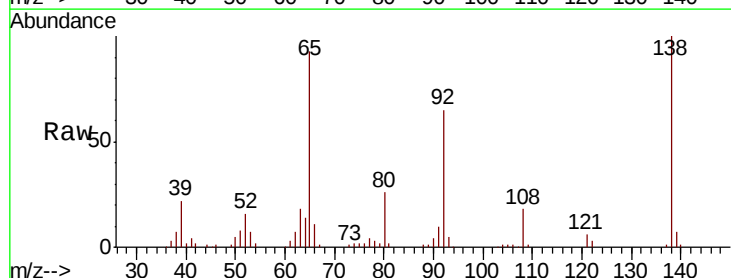


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

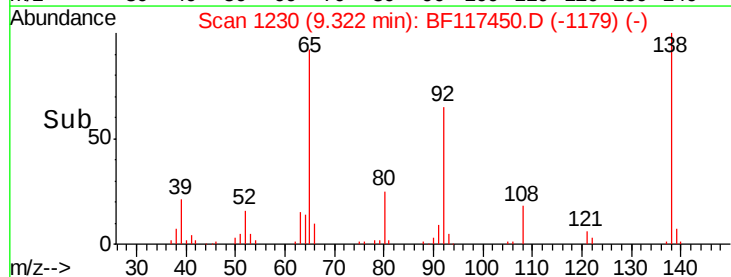
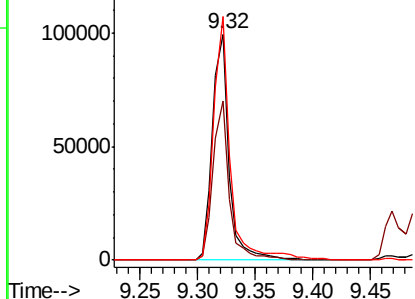


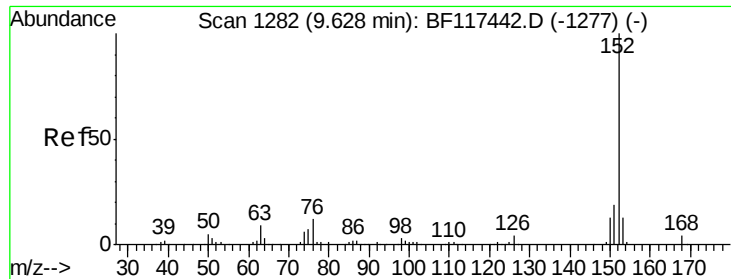
#48
 2-Nitroaniline
 Concen: 38.318 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:	65	Resp:	100601
Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.3	85.9
138	107.6	93.3	139.9



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: 40.343 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

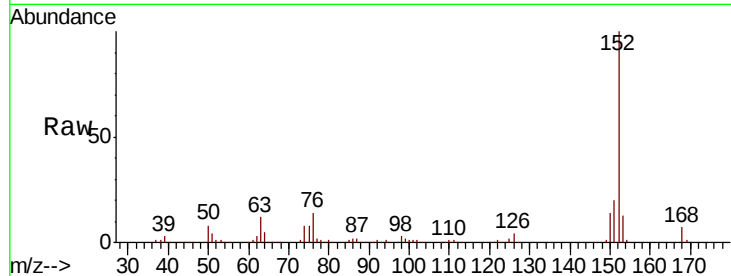
Tot Ion:152 Resp: 473911

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0

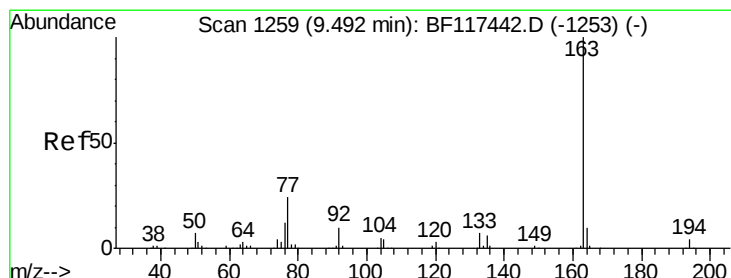
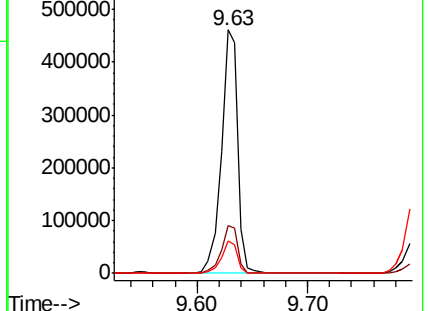
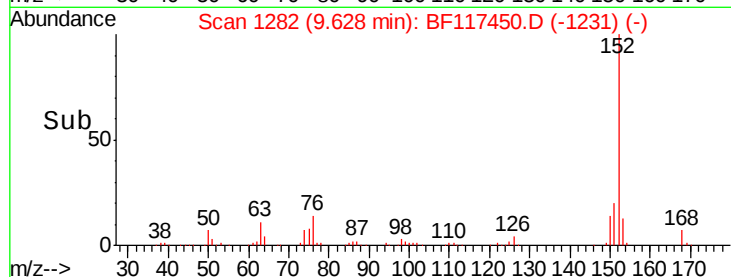
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.696 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

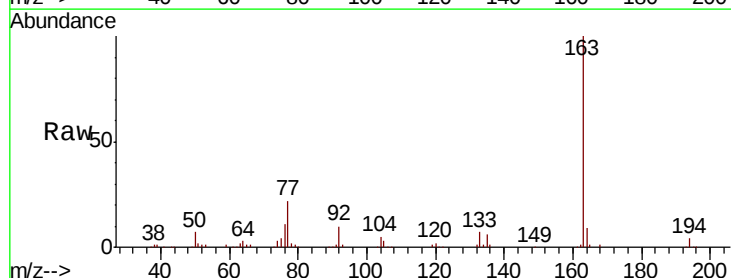
Tgt Ion:163 Resp: 362584

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

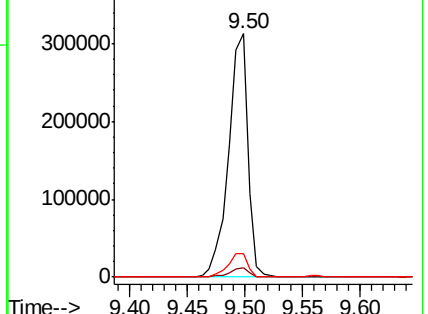
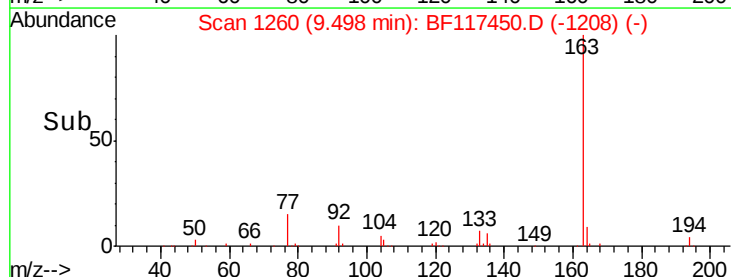
164 9.4 8.2 12.2



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

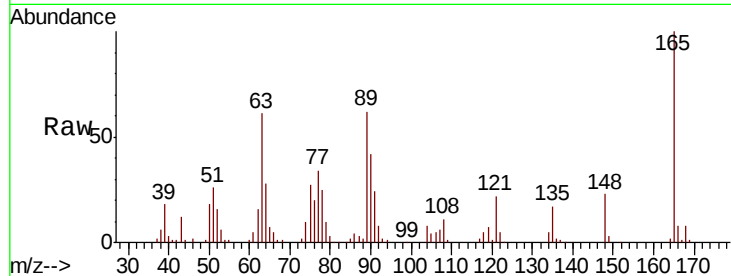




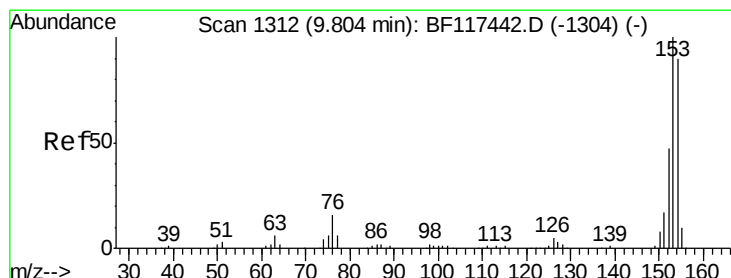
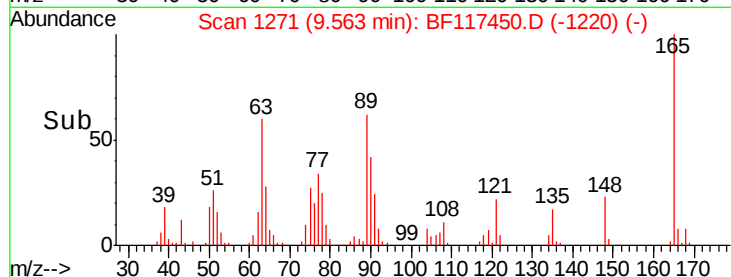
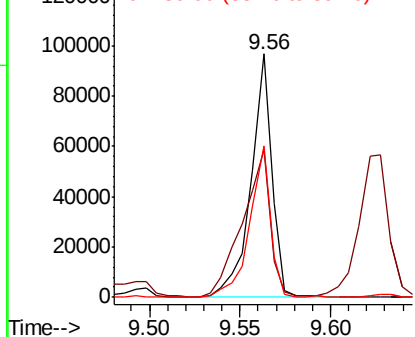
#51
 2,6-Dinitrotoluene
 Concen: 40.875 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 77909
 Ion Ratio Lower Upper
 165 100
 63 60.8 43.8 65.8
 89 62.4 47.6 71.4

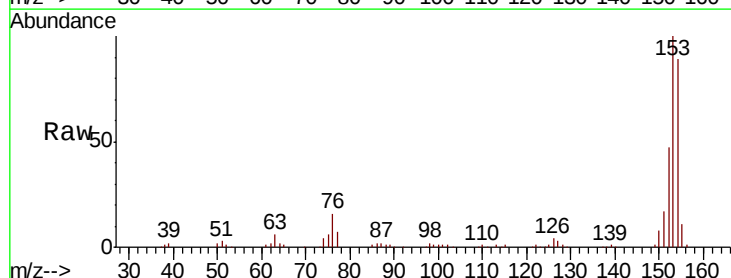


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

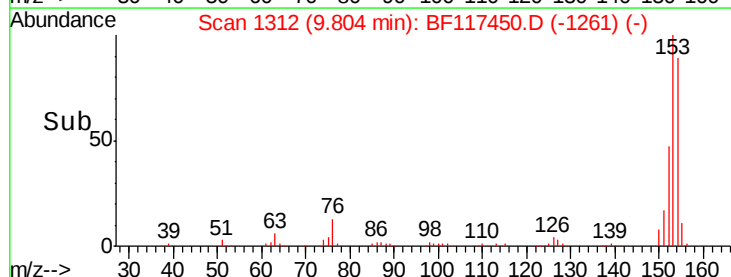
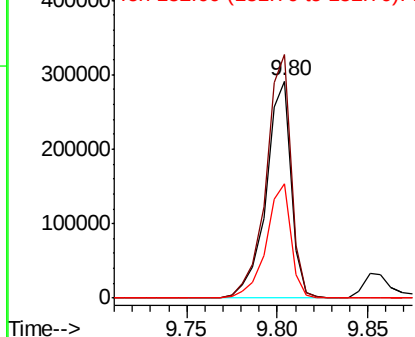


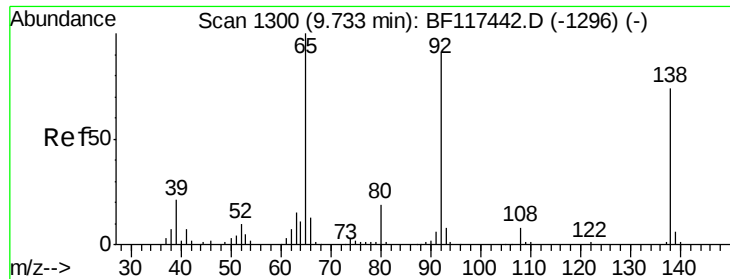
#52
 Acenaphthene
 Concen: 38.830 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:154 Resp: 279854
 Ion Ratio Lower Upper
 154 100
 153 112.3 89.2 133.8
 152 52.6 41.8 62.6



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

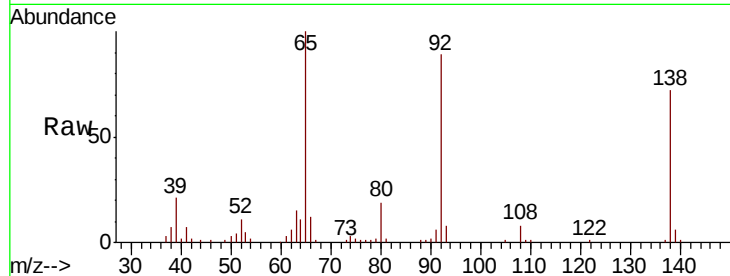




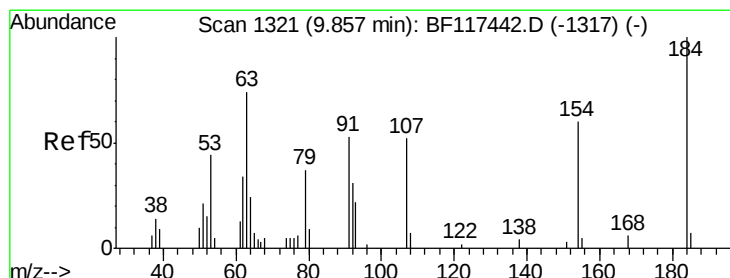
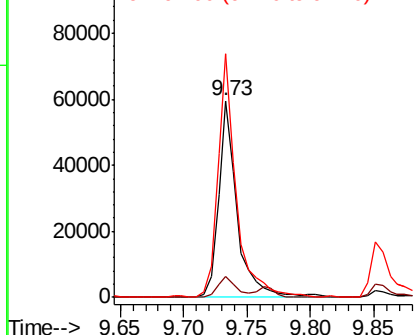
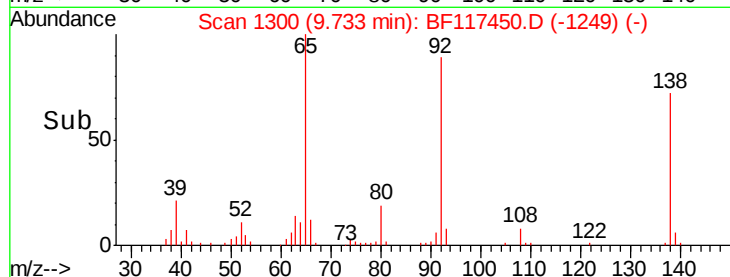
#53
3-Nitroaniline
Concen: 26.427 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 61116
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 124.1 98.4 147.6

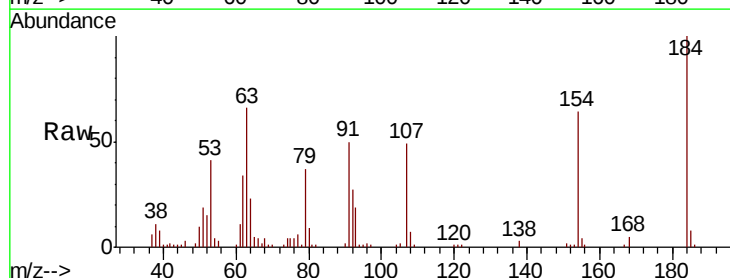


Abundance Ion 138.00 (137.70 to 138.70): E
100000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

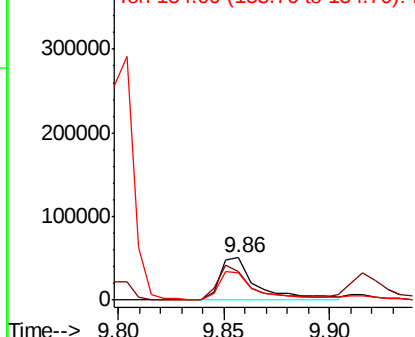
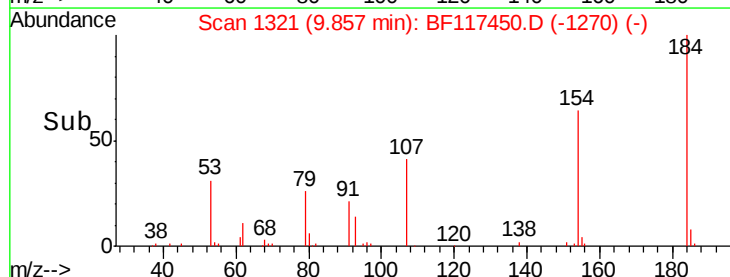


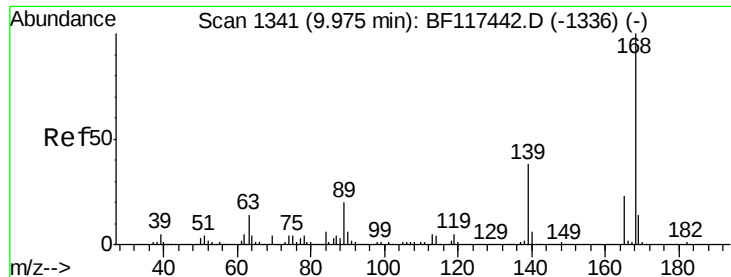
#54
2,4-Dinitrophenol
Concen: 79.492 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:184 Resp: 62657
Ion Ratio Lower Upper
184 100
63 66.4 59.2 88.8
154 64.0 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
400000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

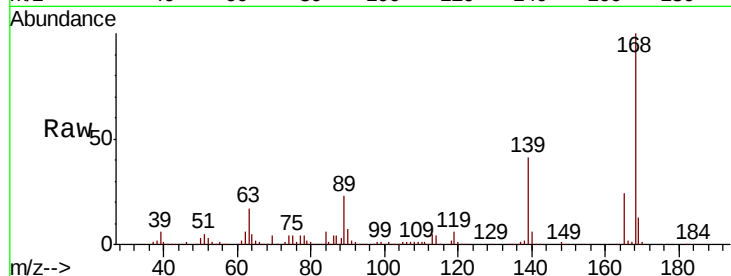




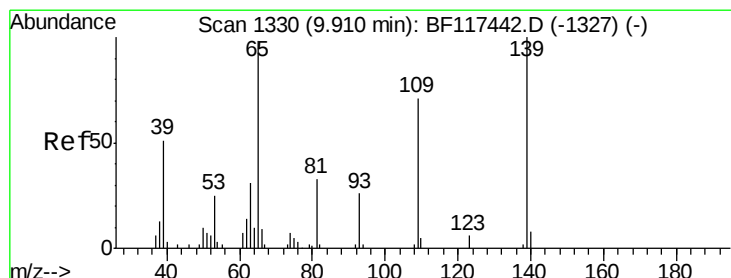
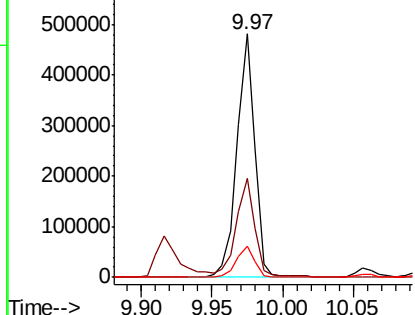
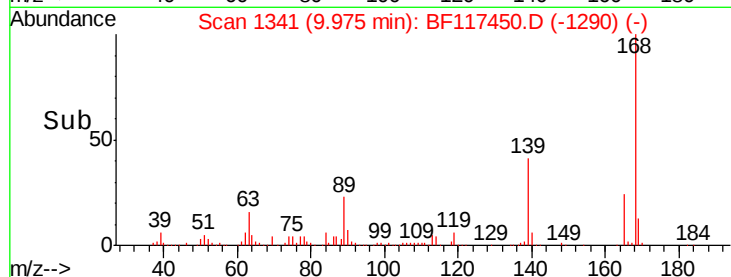
#55
Dibenzofuran
Concen: 40.753 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 425532
Ion Ratio Lower Upper
168 100
139 40.8 31.8 47.6
169 12.9 11.2 16.8

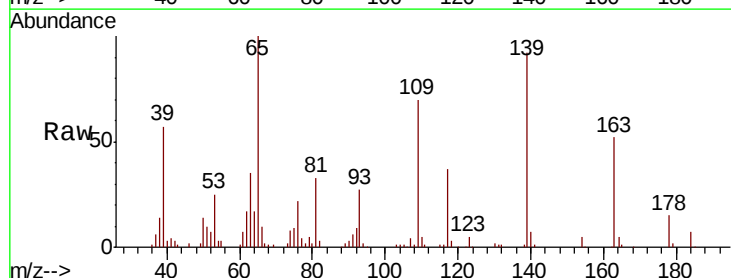


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

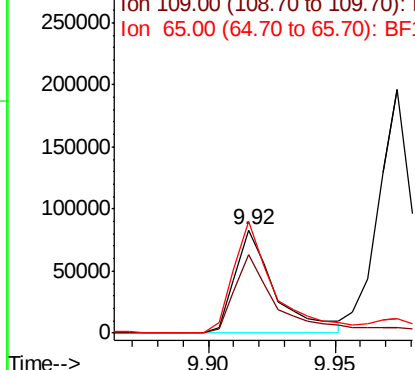
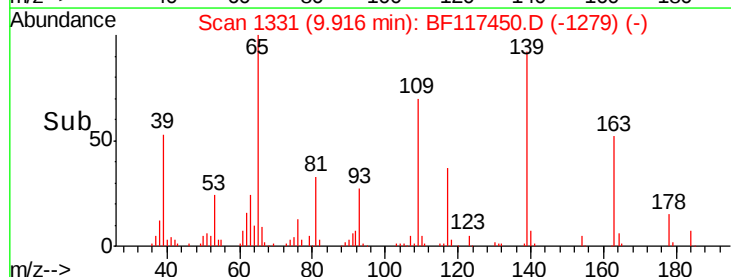


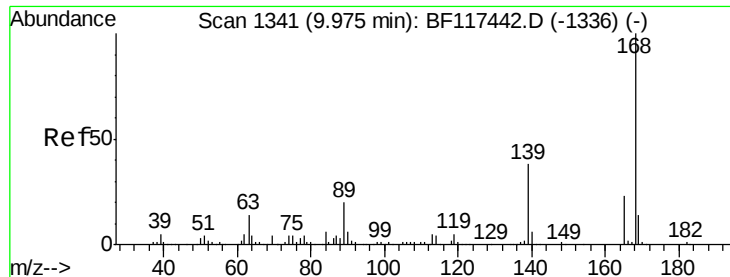
#56
4-Nitrophenol
Concen: 85.843 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:139 Resp: 91723
Ion Ratio Lower Upper
139 100
109 76.1 51.4 91.4
65 109.0 79.4 119.4



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

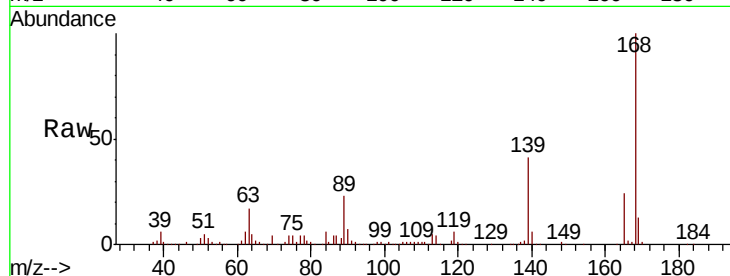




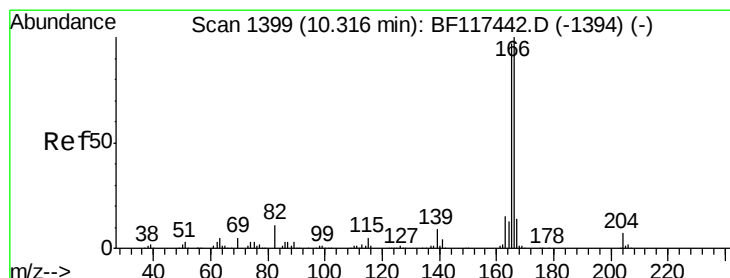
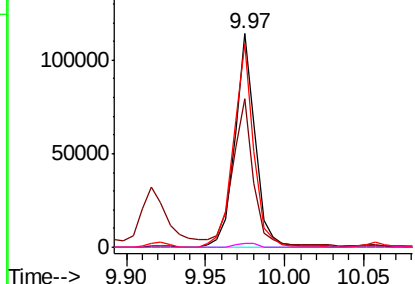
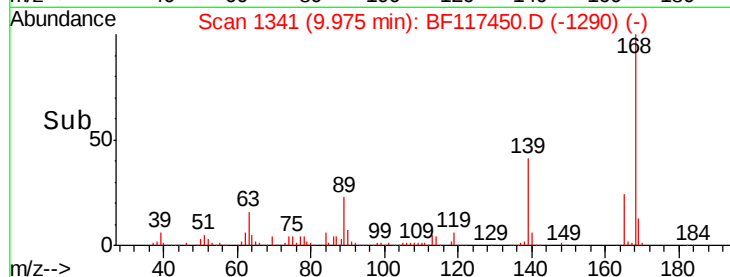
#57
2,4-Dinitrotoluene
Concen: 40.058 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 101512
Ion Ratio Lower Upper
165 100
63 69.6 51.4 77.0
89 95.1 69.9 104.9
182 2.1 1.9 2.9

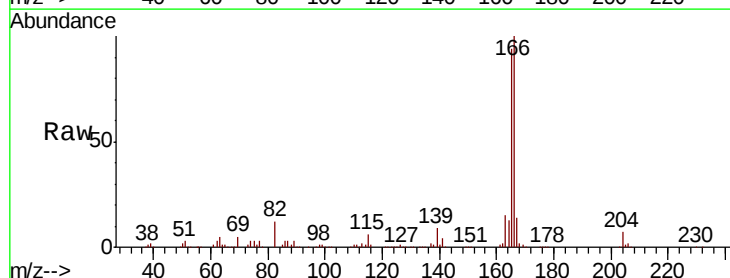


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

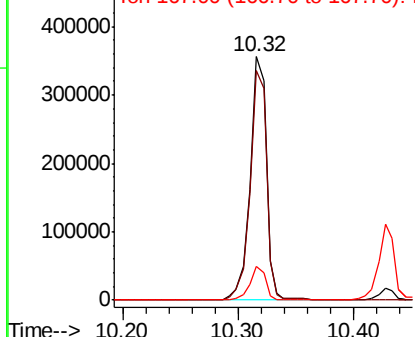
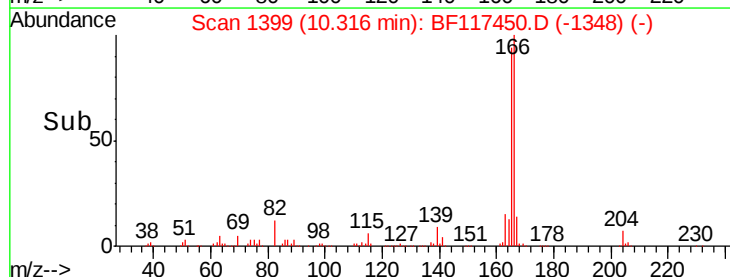


#58
Fluorene
Concen: 40.468 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:166 Resp: 349436
Ion Ratio Lower Upper
166 100
165 94.1 77.6 116.4
167 14.0 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

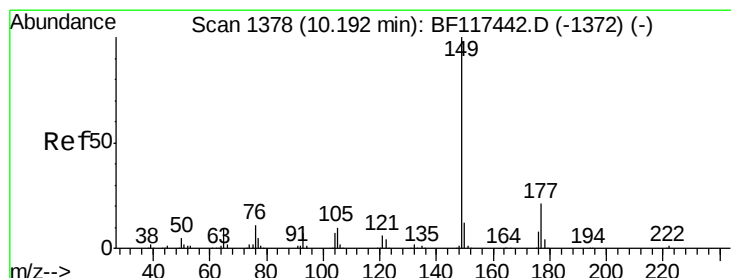
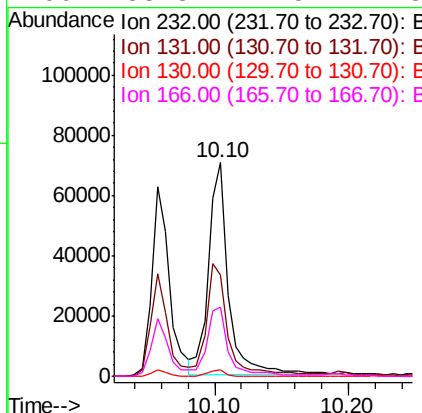
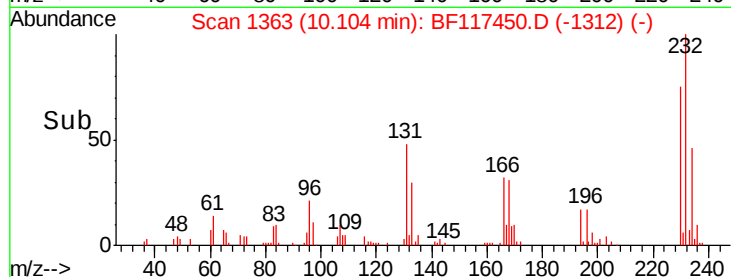
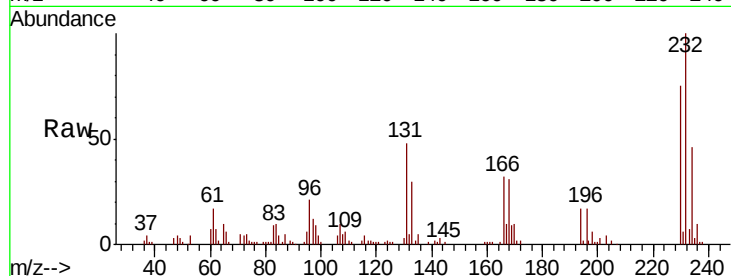




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.121 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

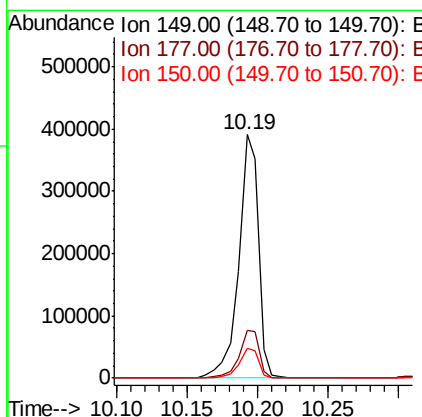
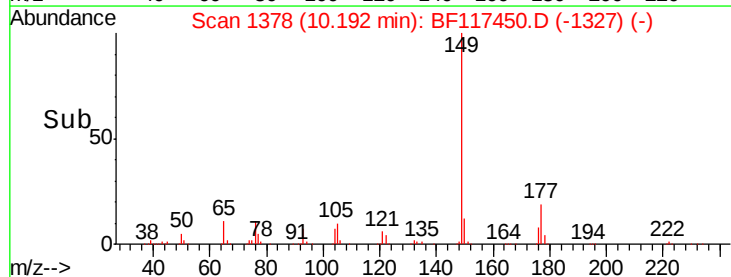
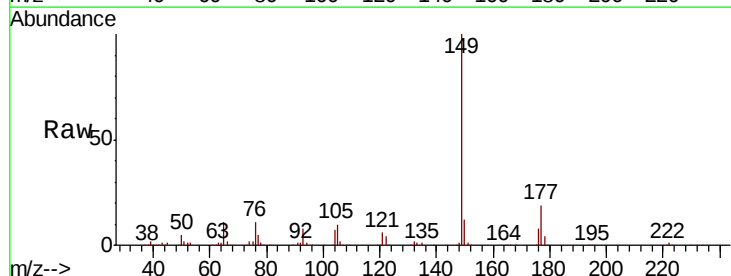
Instrument :
BNA_F
ClientSampleId :

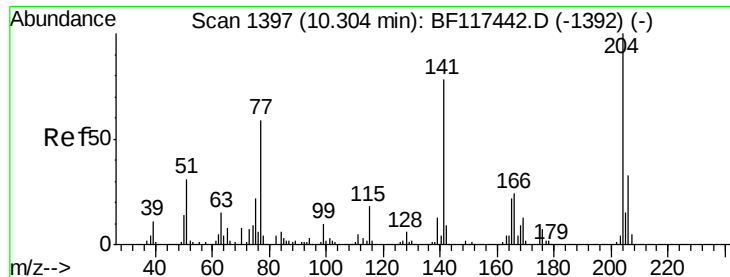
Tot Ion:232 Resp: 74217
Ion Ratio Lower Upper
232 100
131 54.2 42.6 63.8
130 2.4 2.2 3.4
166 33.3 27.5 41.3



#60
Diethylphthalate
Concen: 40.818 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:149 Resp: 377108
Ion Ratio Lower Upper
149 100
177 19.5 17.0 25.4
150 12.4 9.8 14.6

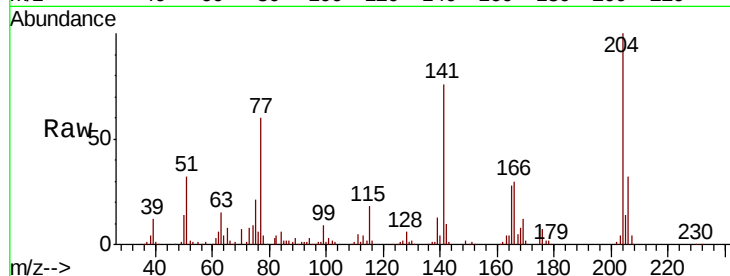




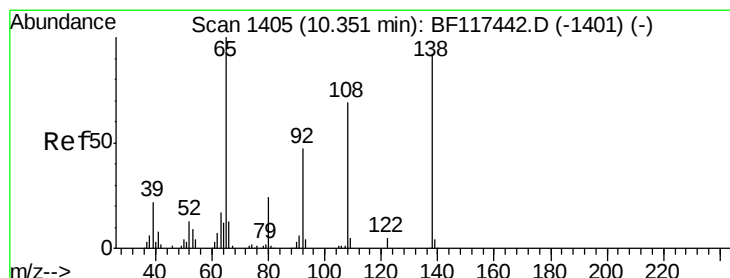
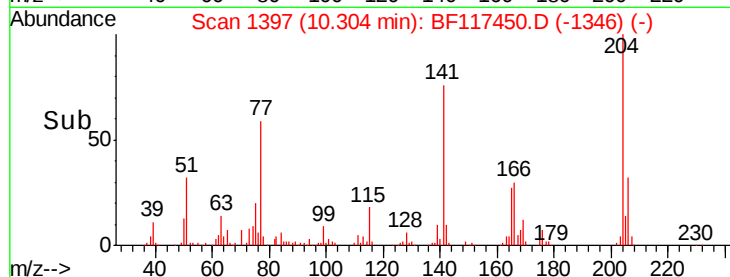
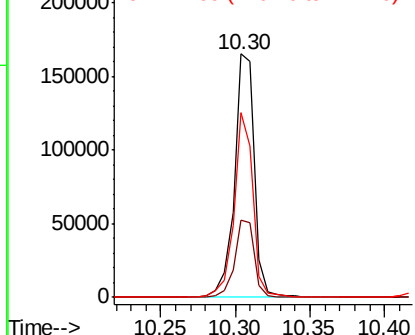
#61
4-Chlorophenyl-phenylether
Concen: 40.198 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 155729
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 75.7 62.2 93.4

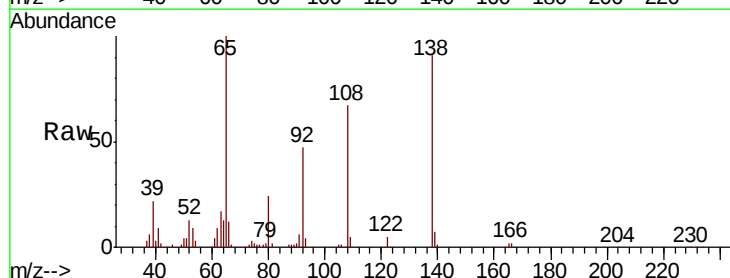


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

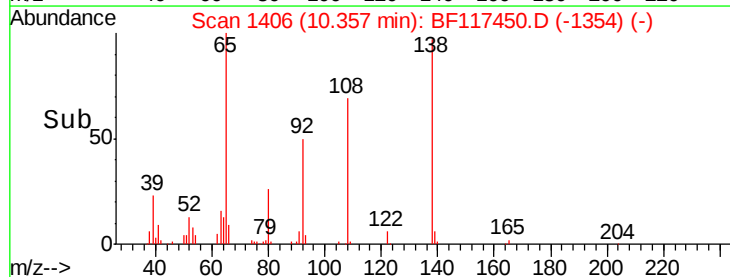
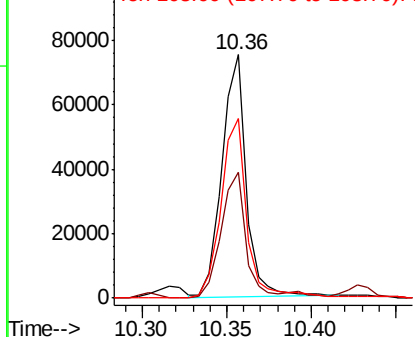


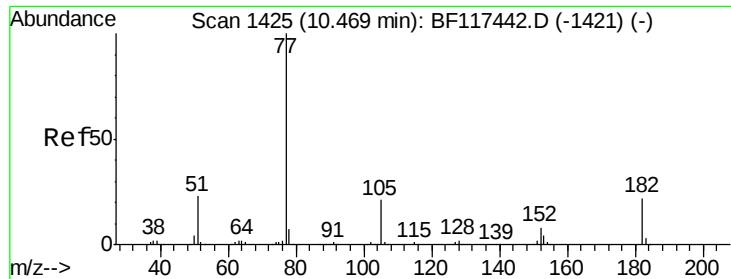
#62
4-Nitroaniline
Concen: 34.517 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:138 Resp: 75241
Ion Ratio Lower Upper
138 100
92 51.5 30.3 70.3
108 73.5 54.9 94.9



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: 41.347 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 391042

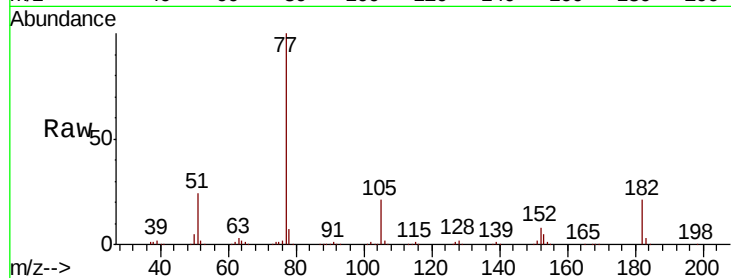
Ion Ratio Lower Upper

77 100

182 21.5 2.3 42.3

105 21.1 1.3 41.3

51 23.5 3.5 43.5

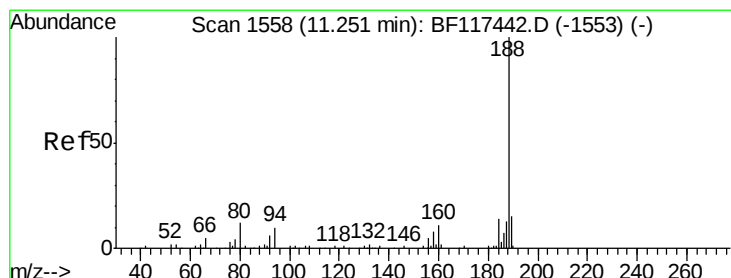
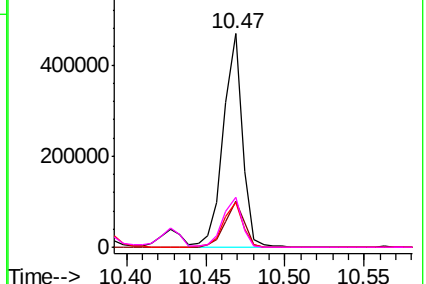
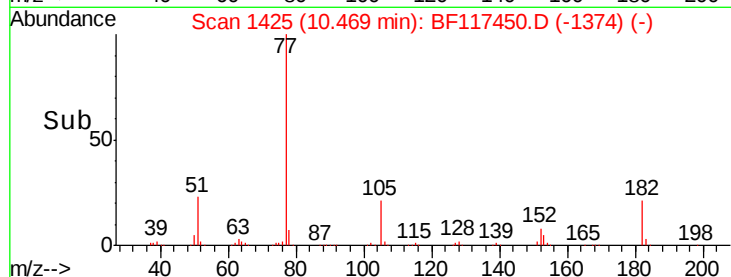


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

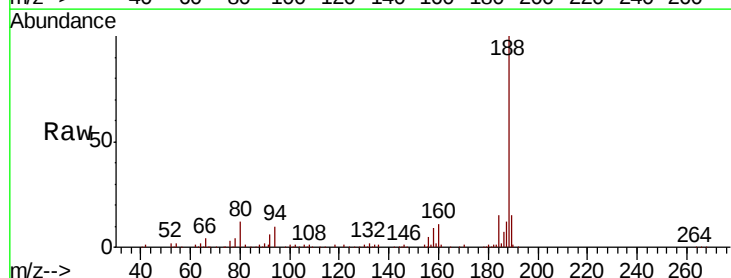
Tgt Ion: 188 Resp: 210430

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

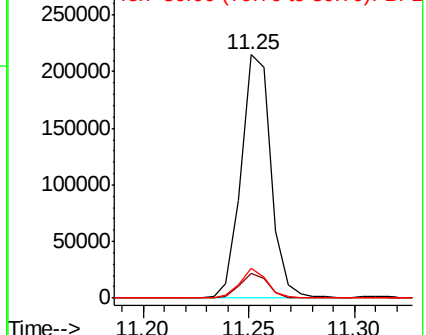
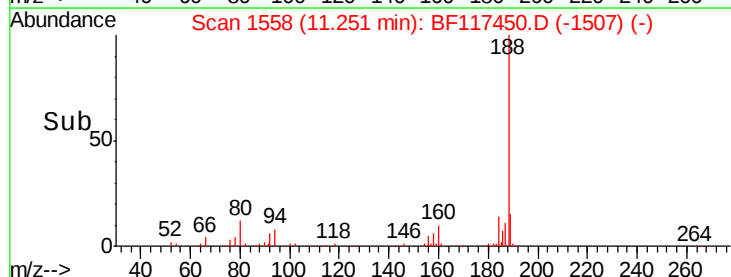
80 12.4 9.5 14.3

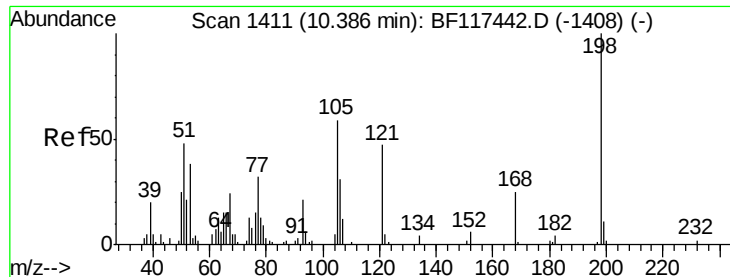


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.808 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

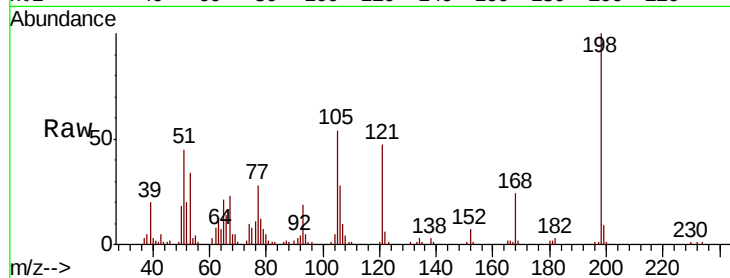
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 46869

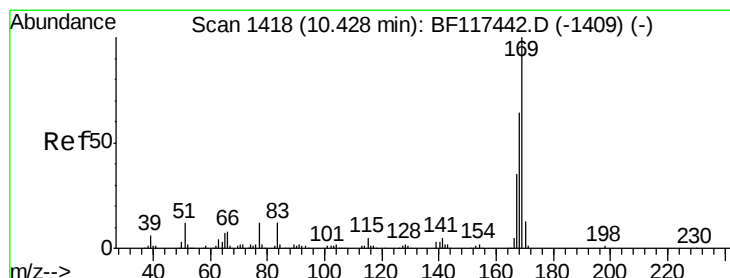
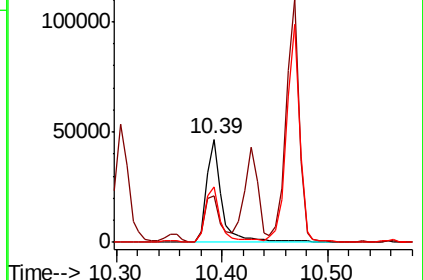
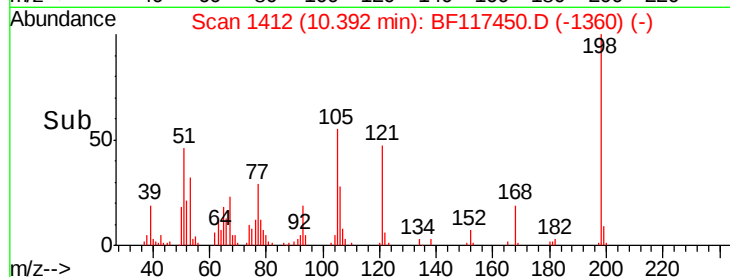
Ion	Ratio	Lower	Upper
198	100		
51	45.2	29.1	69.1
105	54.1	39.4	79.4



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: 39.419 ng

RT: 10.43 min Scan# 1418

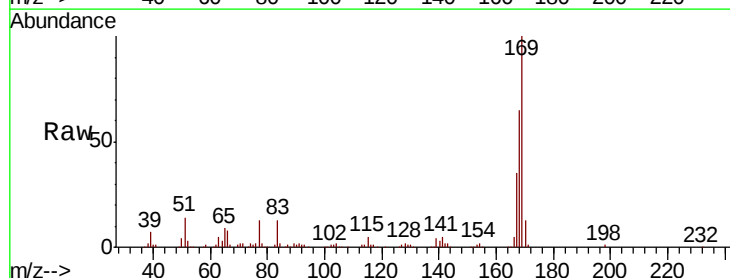
Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:169 Resp: 303244

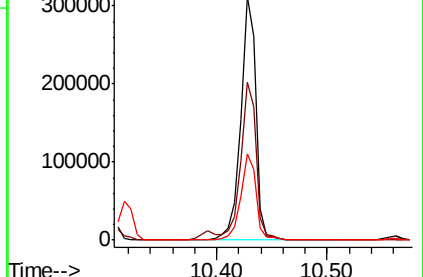
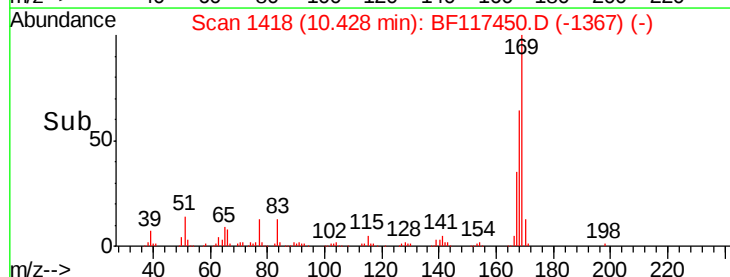
Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.3	76.9
167	35.4	28.2	42.4

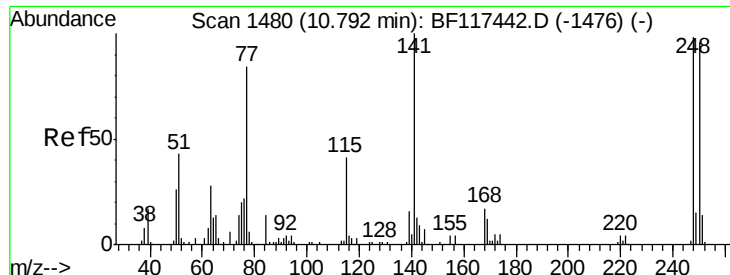


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

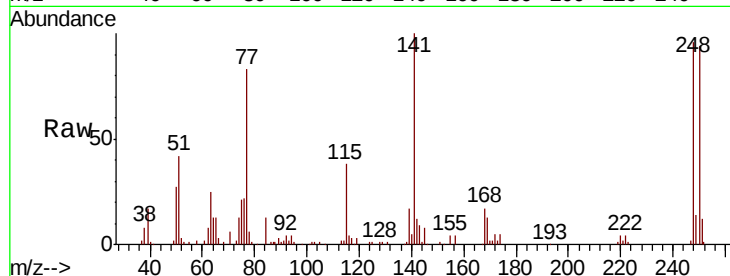




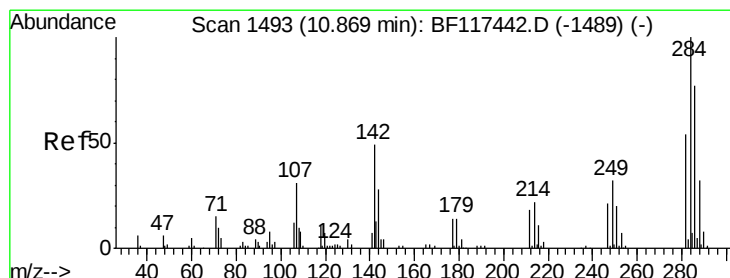
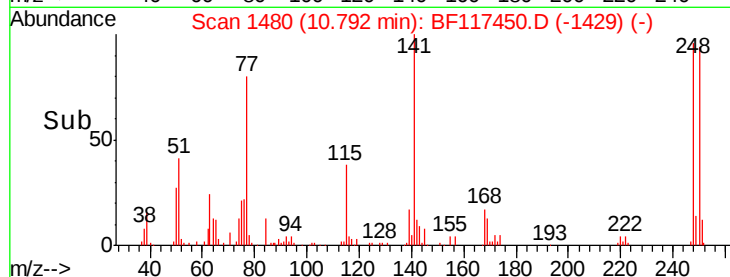
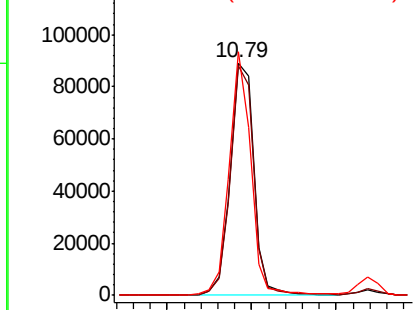
#67
 4-Bromophenyl-phenylether
 Concen: 38.246 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 86688
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.0 117.0
 141 104.7 81.7 122.5

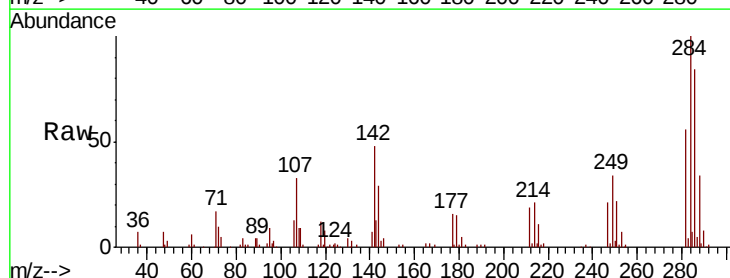


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

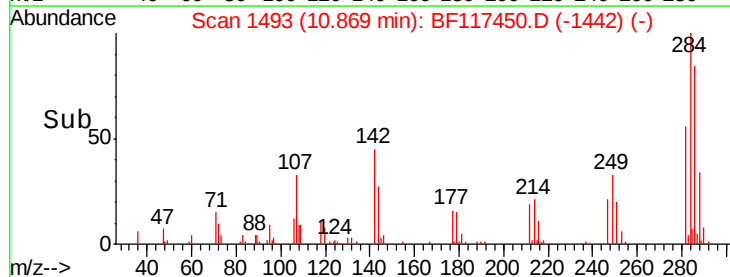
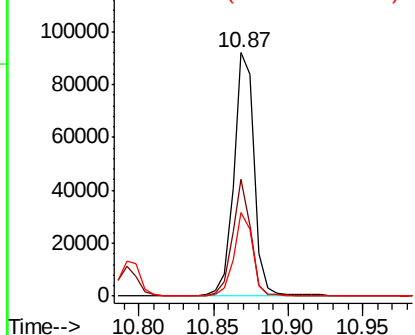


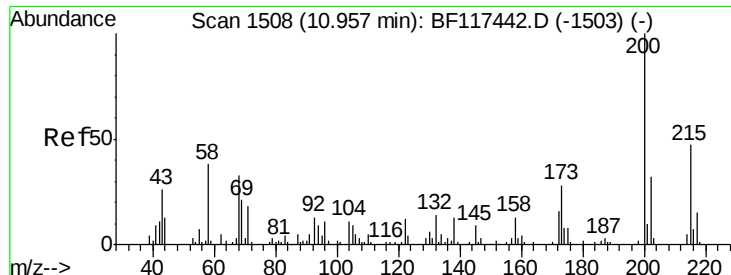
#68
 Hexachlorobenzene
 Concen: 36.580 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:284 Resp: 88793
 Ion Ratio Lower Upper
 284 100
 142 48.3 39.0 58.6
 249 34.5 25.7 38.5



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: 47.923 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

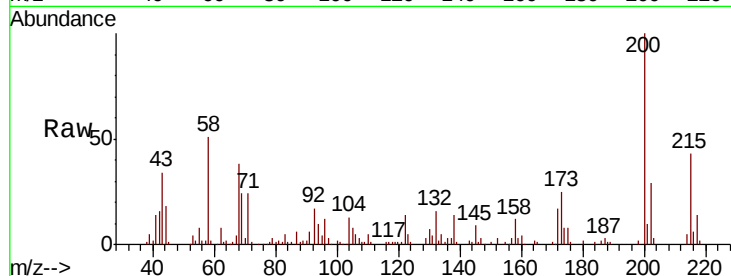
Tot Ion:200 Resp: 93798

Ion Ratio Lower Upper

200 100

173 25.2 8.2 48.2

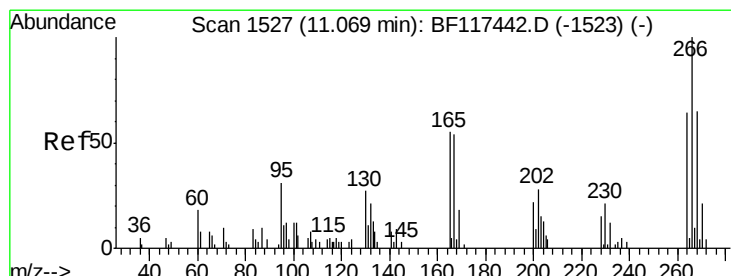
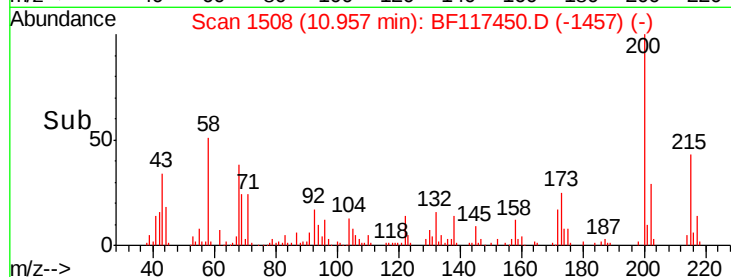
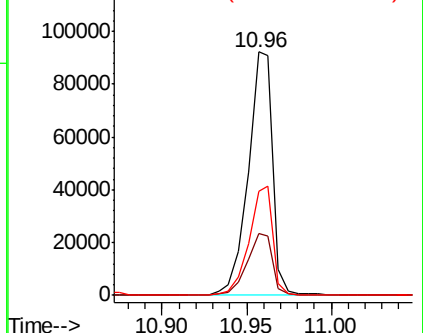
215 42.9 26.8 66.8



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: 100.487 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

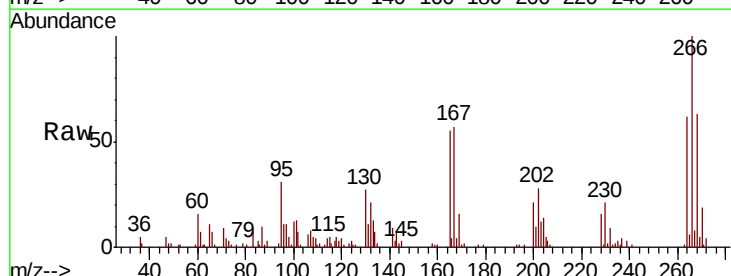
Tgt Ion:266 Resp: 73123

Ion Ratio Lower Upper

266 100

268 62.9 51.6 77.4

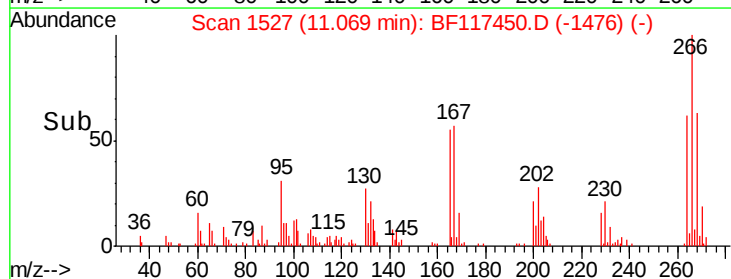
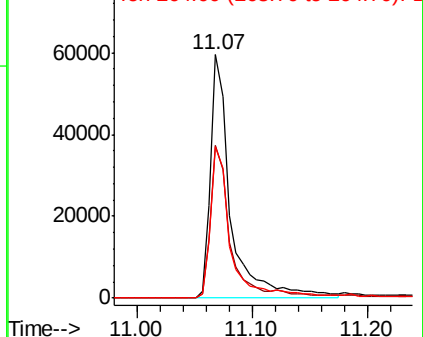
264 62.2 51.4 77.2

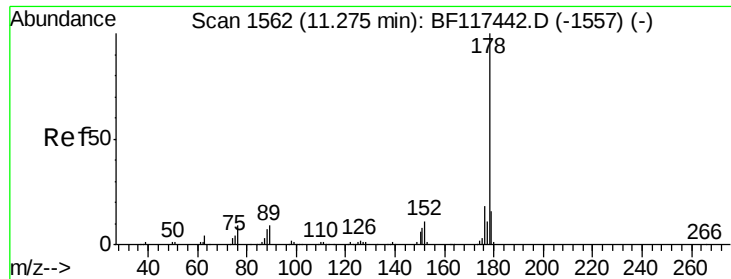


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

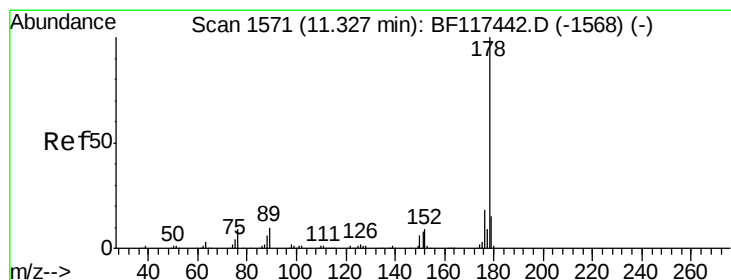
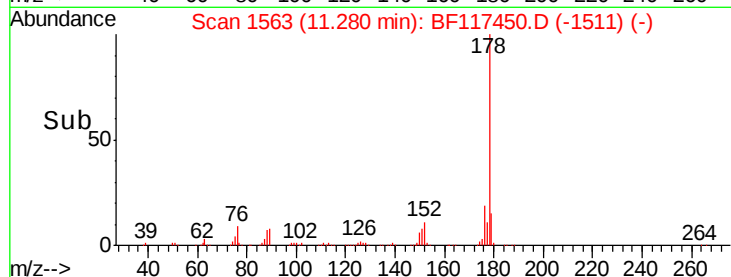
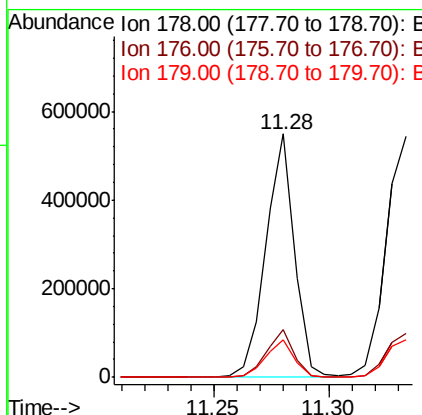
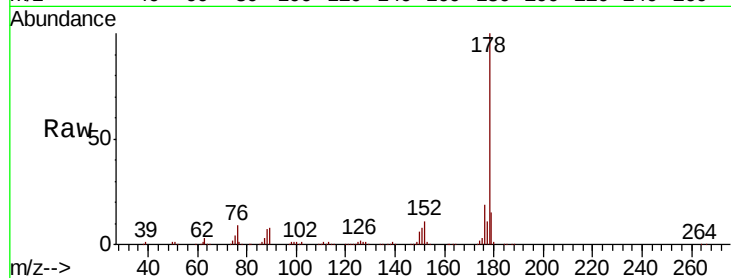




#71
Phenanthrene
Concen: 38.757 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

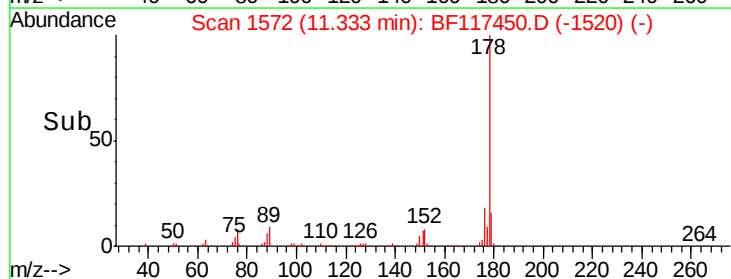
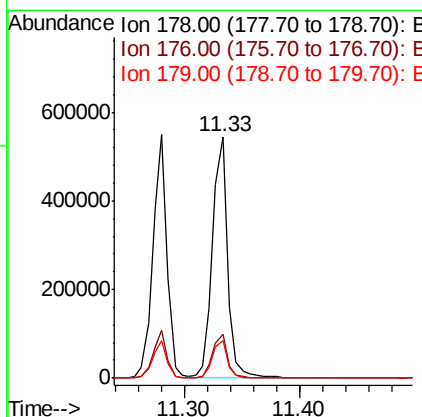
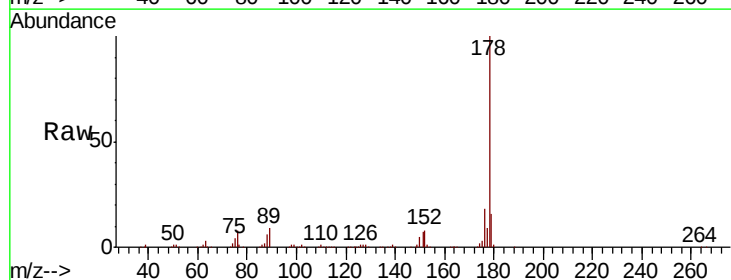
Instrument :
BNA_F
ClientSampleId :

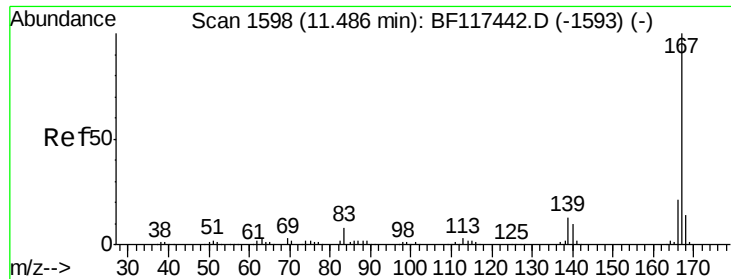
Tot Ion:178 Resp: 473567
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 39.612 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:178 Resp: 496632
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.5 12.2 18.2

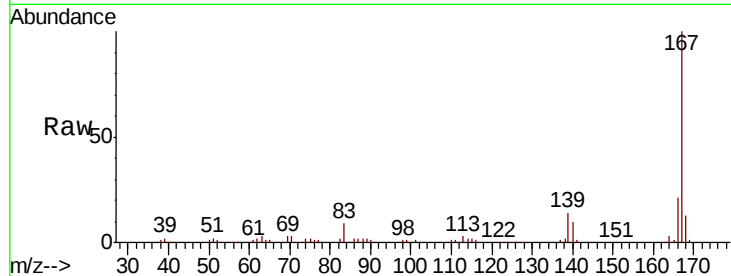




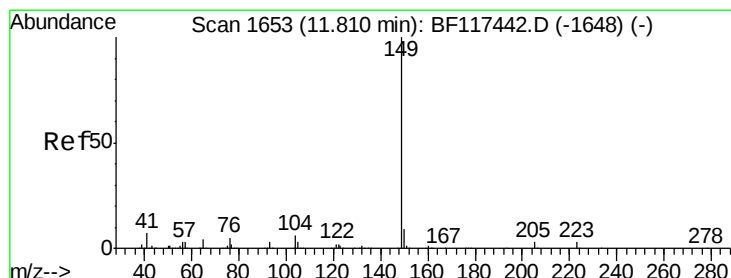
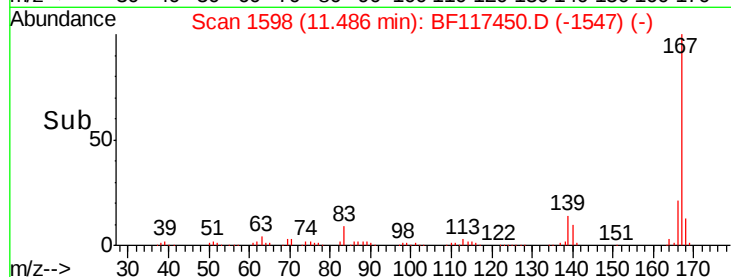
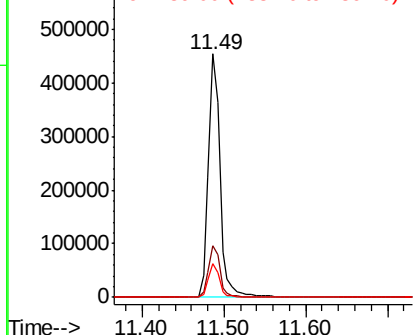
#73
 Carbazole
 Concen: 39.275 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 449994
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.6 10.6 16.0

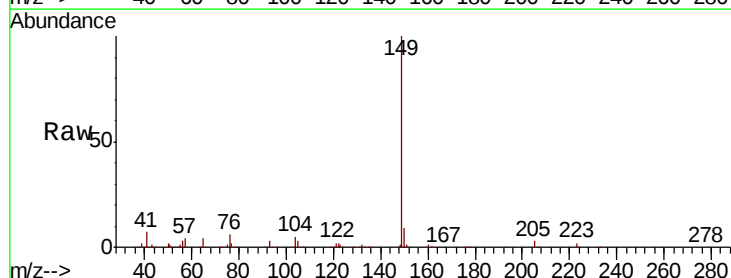


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

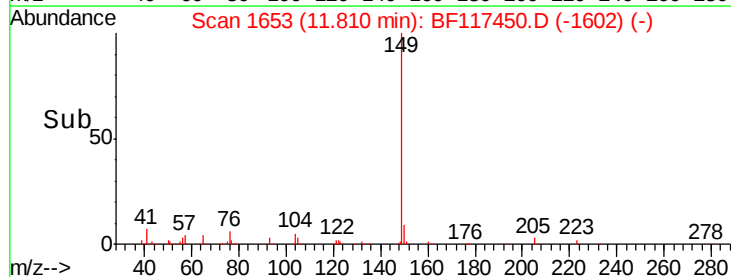
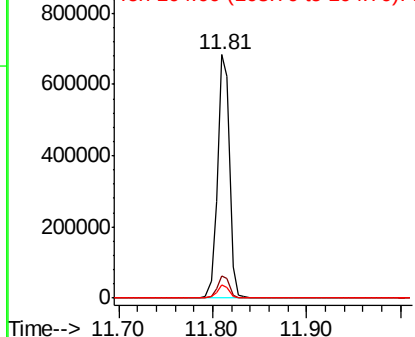


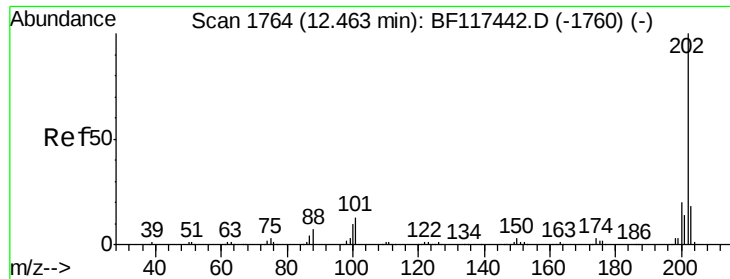
#74
 Di-n-butylphthalate
 Concen: 40.225 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:149 Resp: 615807
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

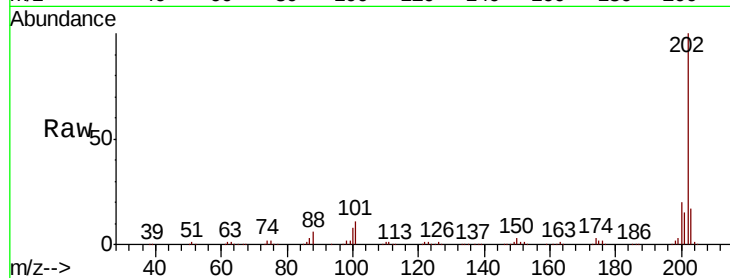




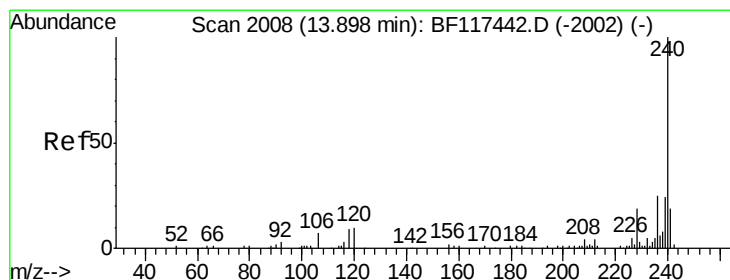
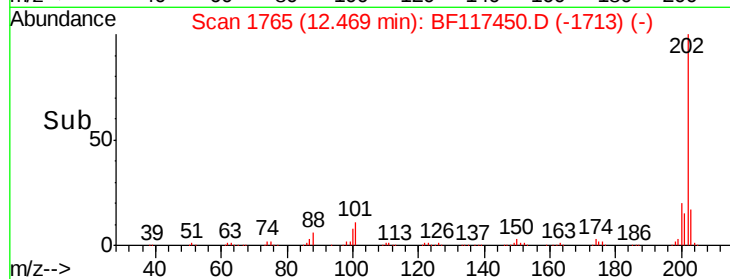
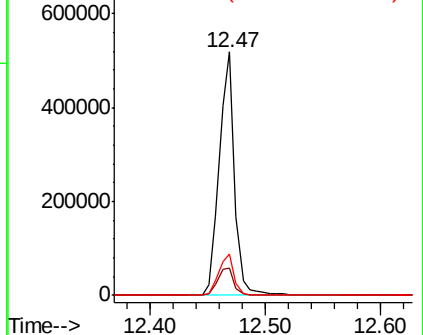
#75
Fluoranthene
 Concen: 39.119 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.7
203	16.8	0.0	37.6

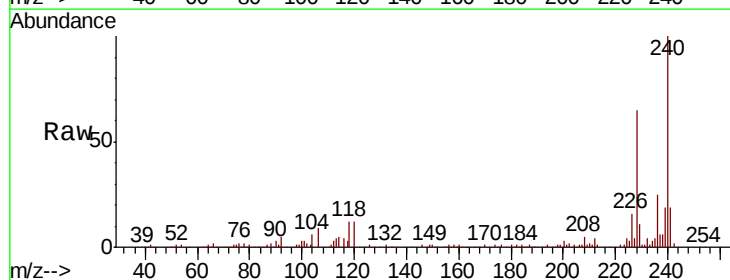


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

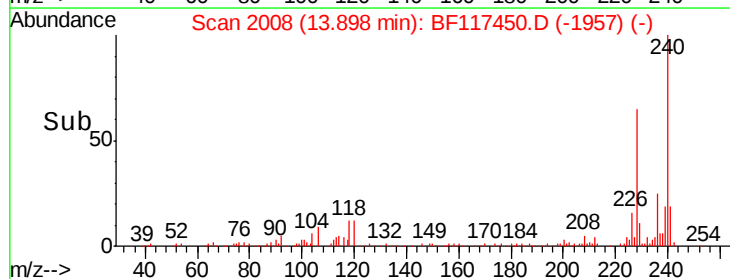
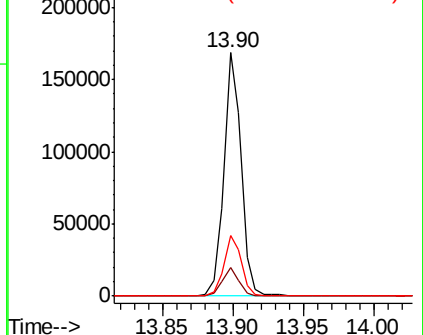


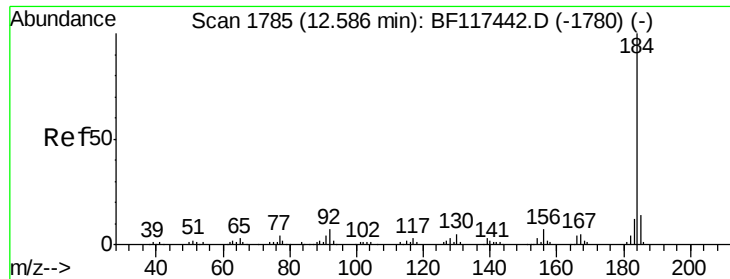
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.4	12.6
236	24.7	20.0	30.0



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

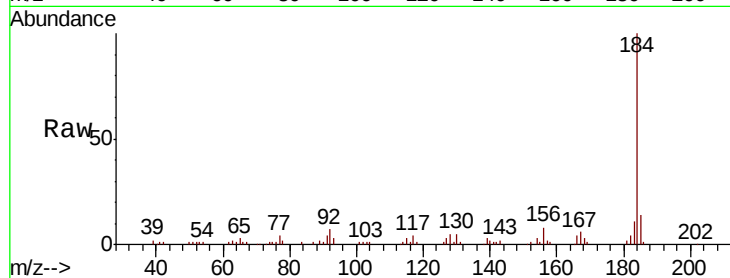




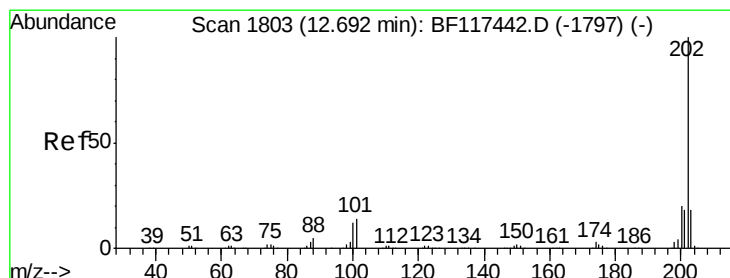
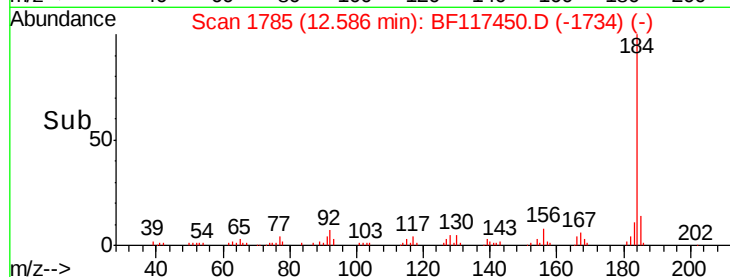
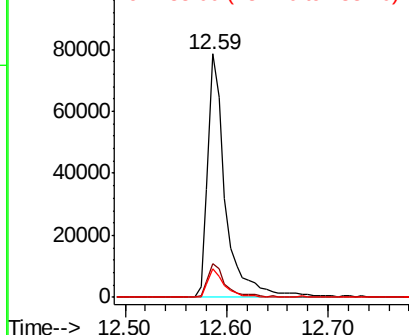
#77
Benzidine
Concen: 19.827 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 96111
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.5 9.6 14.4

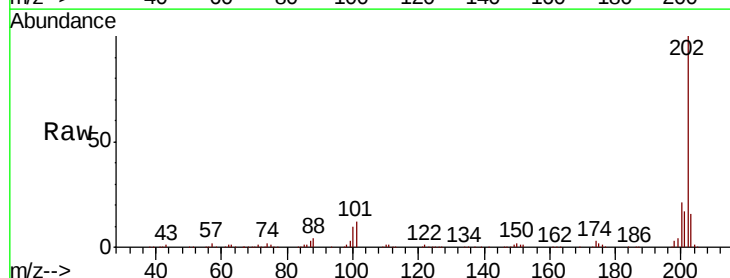


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

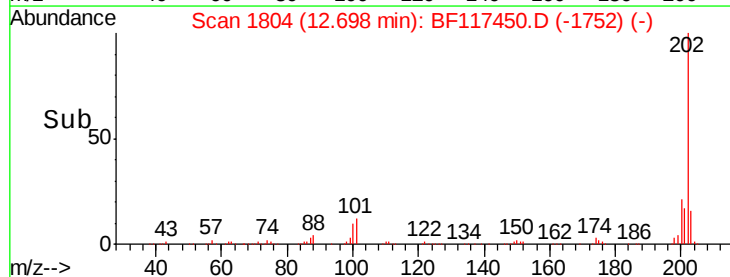
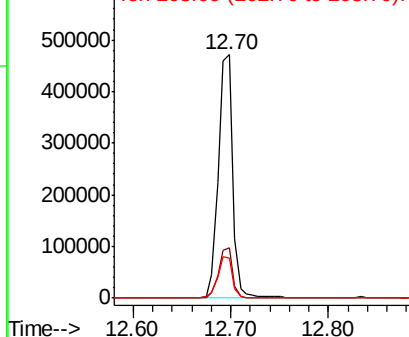


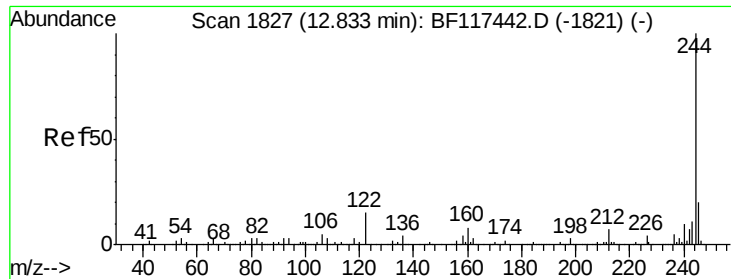
#78
Pyrene
Concen: 39.441 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:202 Resp: 484869
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 16.3 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.636 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

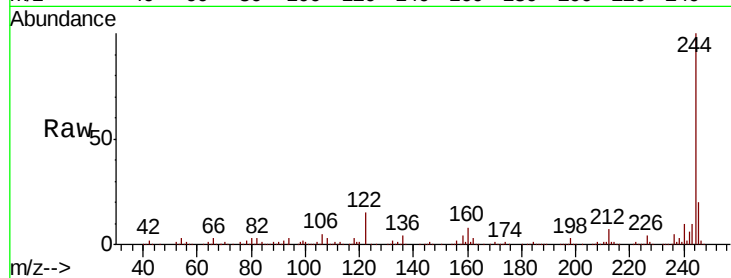
Tot Ion:244 Resp: 523276

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

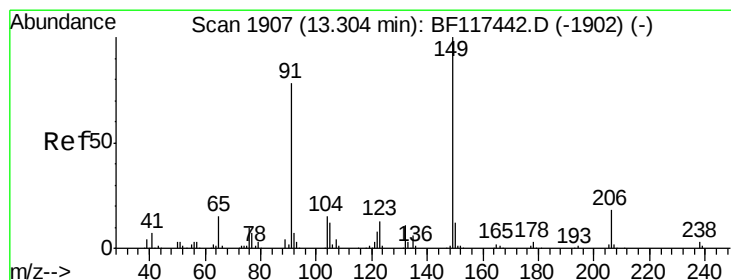
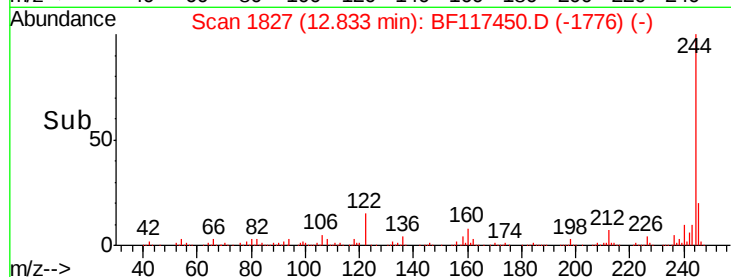
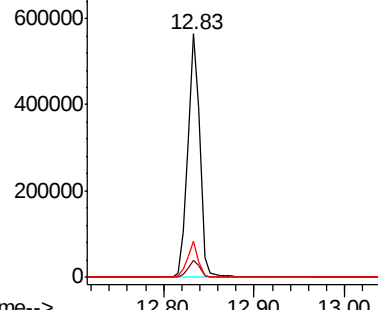
122 14.7 11.8 17.8



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: 38.818 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

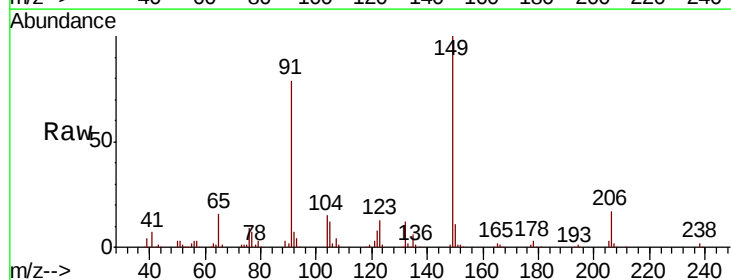
Tgt Ion:149 Resp: 237472

Ion Ratio Lower Upper

149 100

91 79.1 62.1 93.1

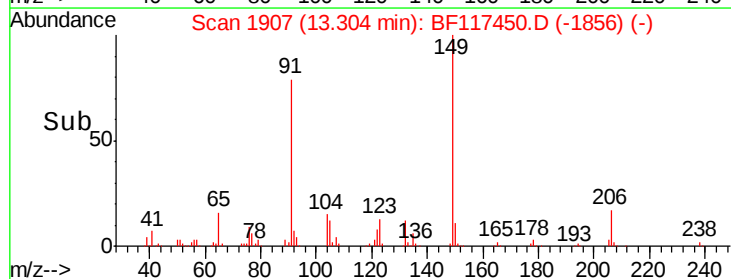
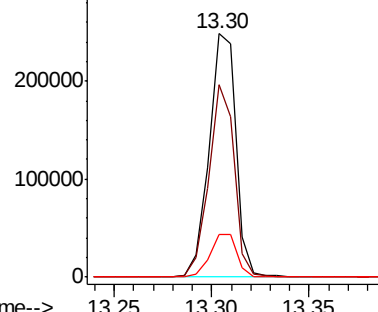
206 17.3 14.3 21.5

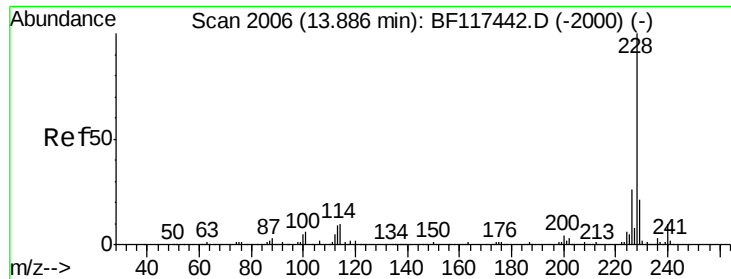


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.693 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

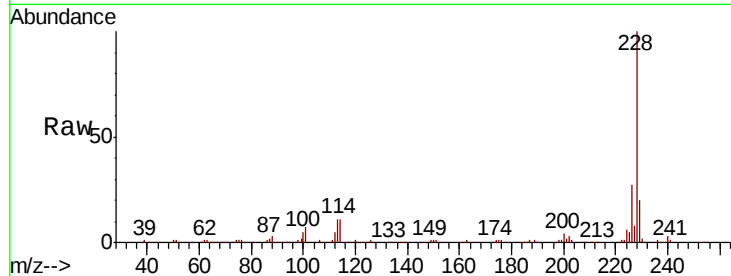
Tot Ion:228 Resp: 373555

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

229 19.7 16.4 24.6

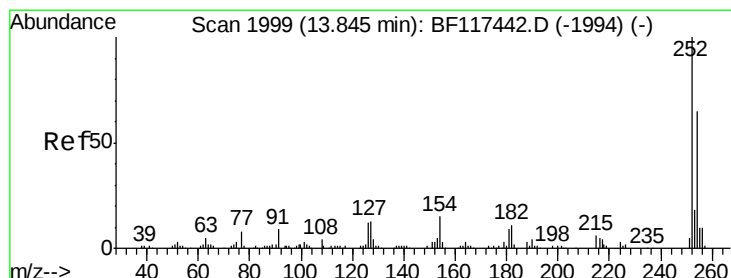
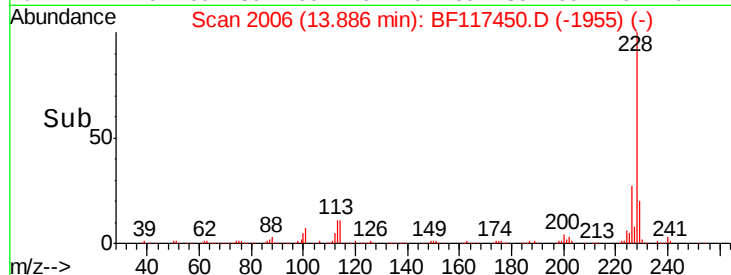
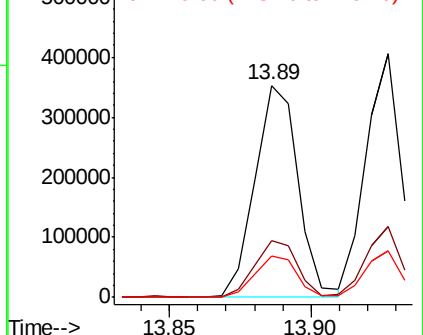


Abundance

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: 33.370 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

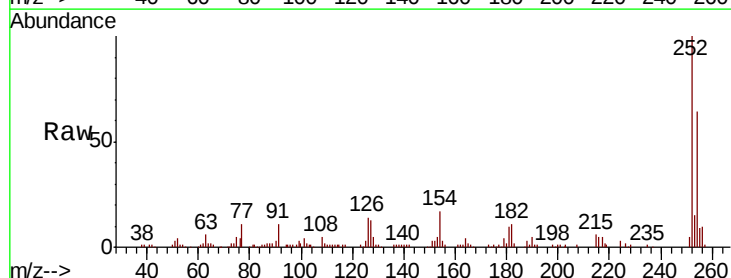
Tgt Ion:252 Resp: 101092

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 13.7 9.2 13.8

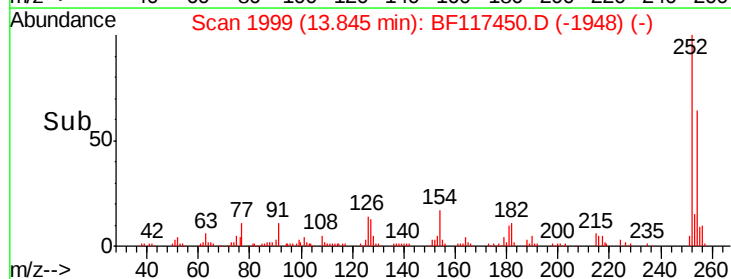
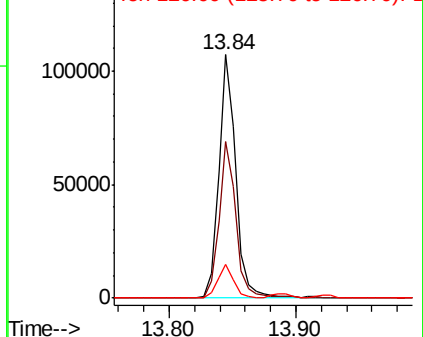


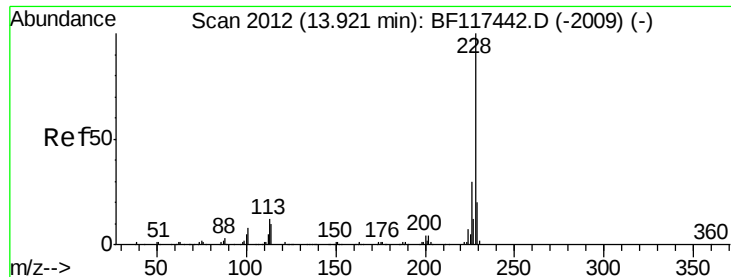
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

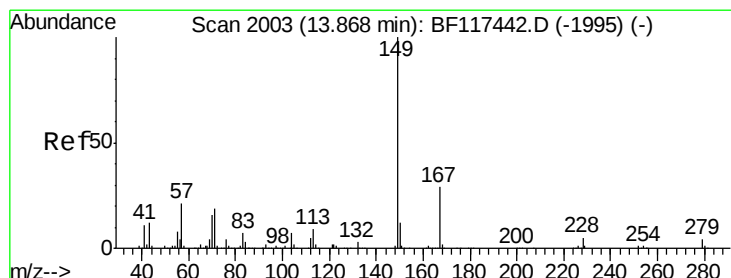
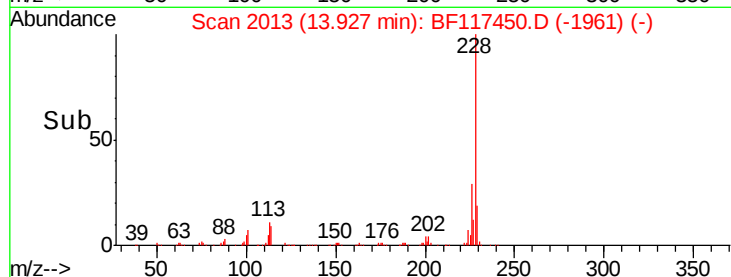
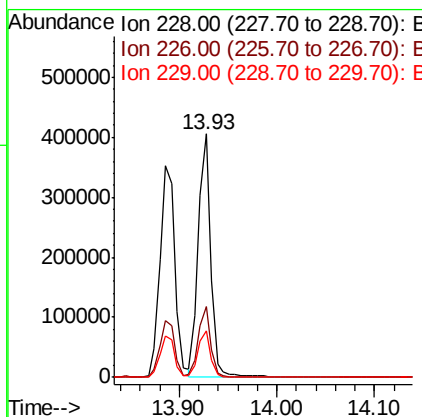
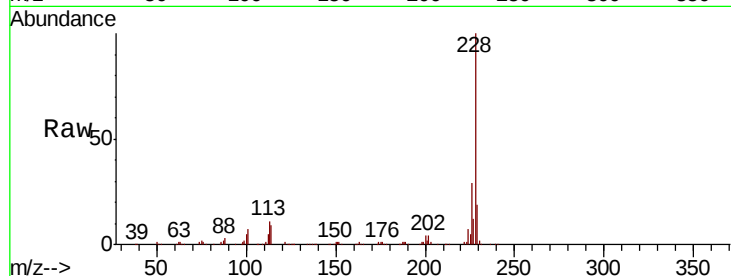




#83
 Chrvsene
 Concen: 38.261 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

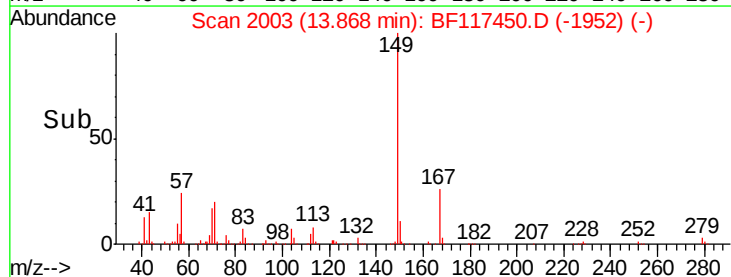
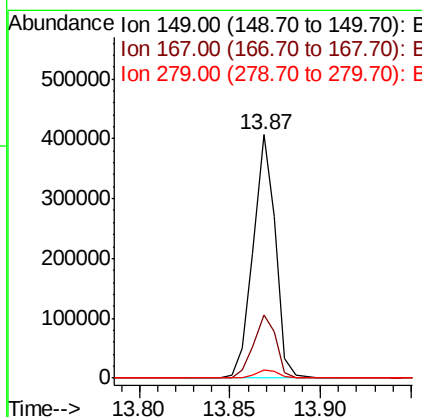
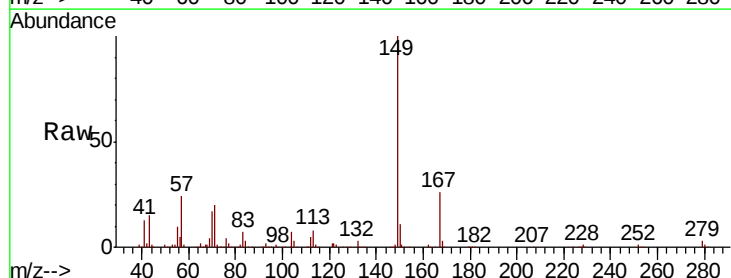
Instrument :
 BNA_F
 ClientSampled :

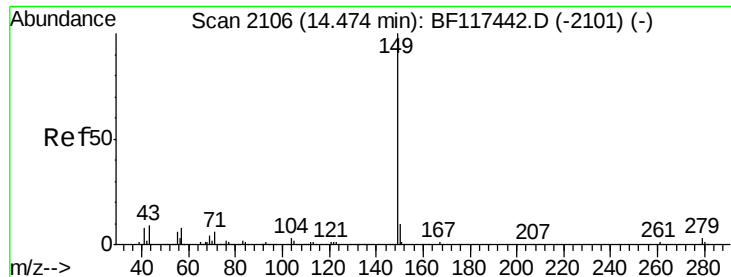
Tot Ion:228 Resp: 362015
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.9 35.9
 229 19.1 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.529 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:149 Resp: 347315
 Ion Ratio Lower Upper
 149 100
 167 26.0 23.3 34.9
 279 3.1 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 41.237 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

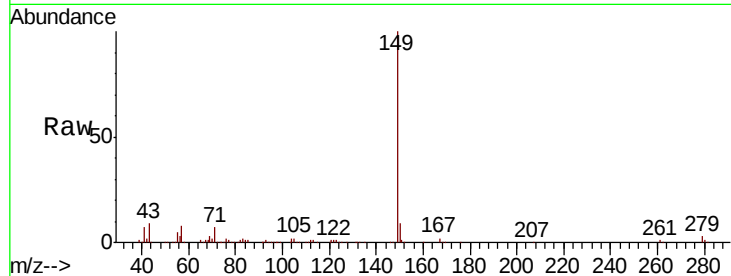
Tot Ion:149 Resp: 543326

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

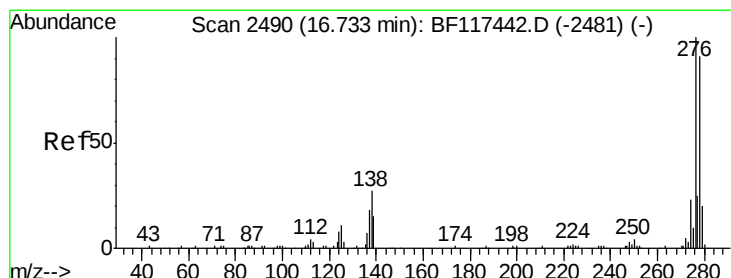
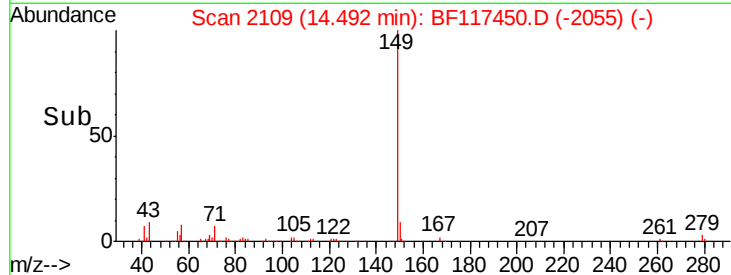
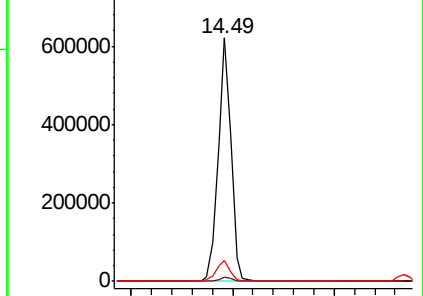
43 9.7 6.8 10.2



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: 34.782 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

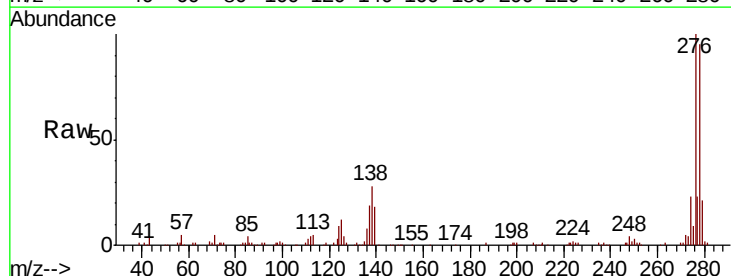
Tgt Ion:276 Resp: 245709

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.8

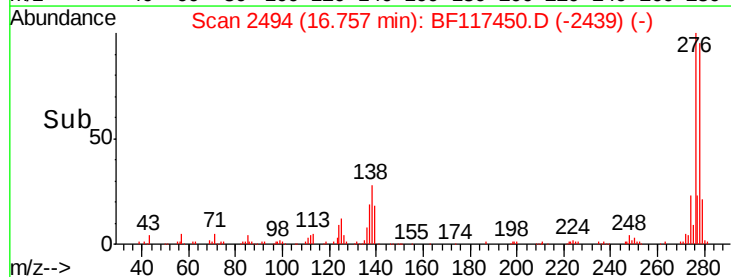
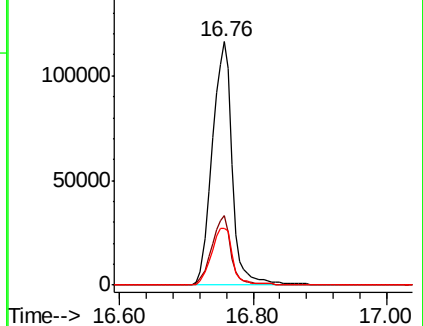
277 24.6 20.0 30.0

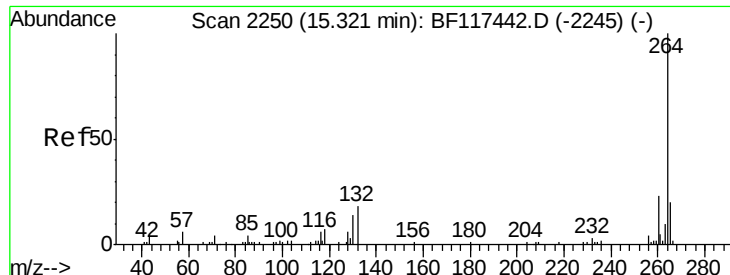


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

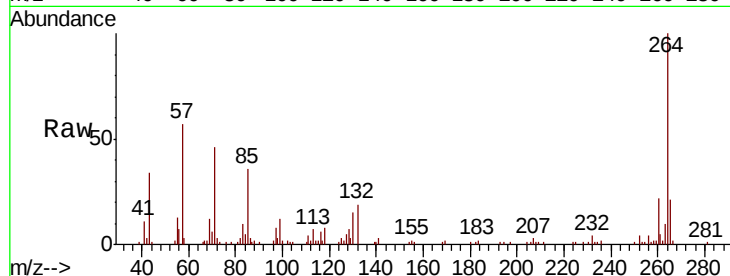




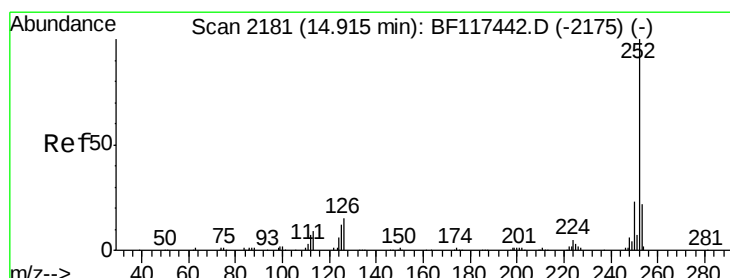
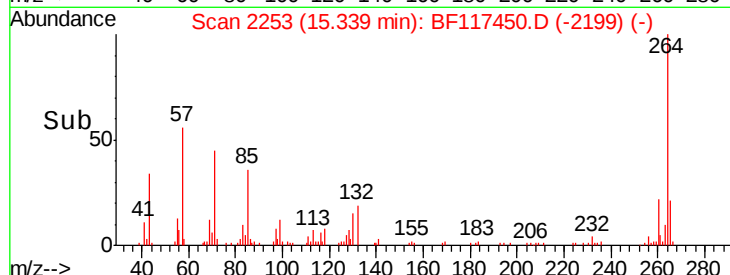
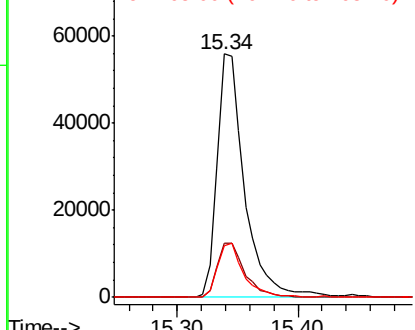
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 87411
Ion Ratio Lower Upper
264 100
260 22.1 18.4 27.6
265 21.0 16.1 24.1

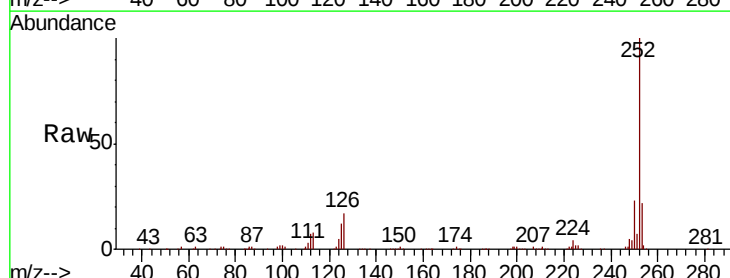


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

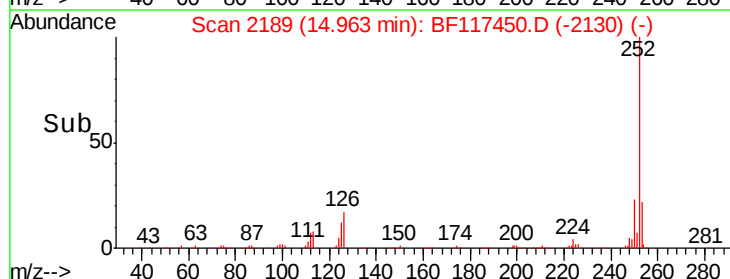
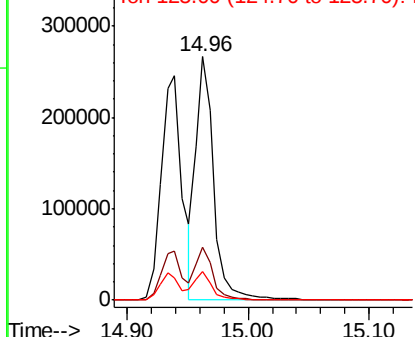


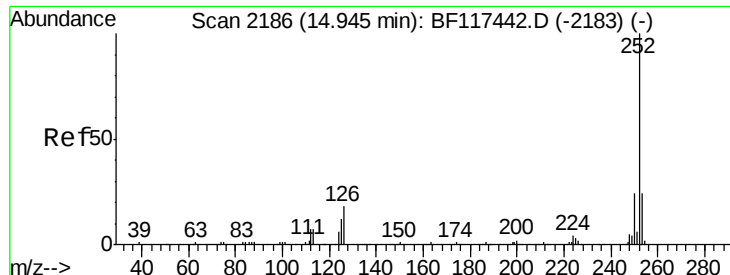
#88
Benzo(b)fluoranthene
Concen: 53.140 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.05 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:252 Resp: 274296
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.7 9.9 14.9



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





#89

Benzo(k)fluoranthene

Concen: 51.847 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

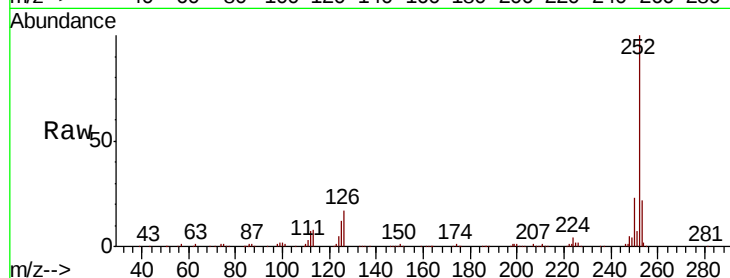
Tot Ion:252 Resp: 274296

Ion Ratio Lower Upper

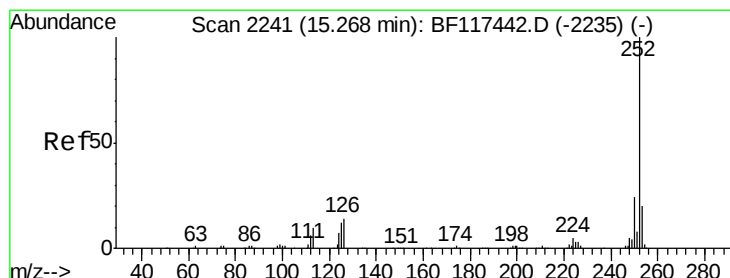
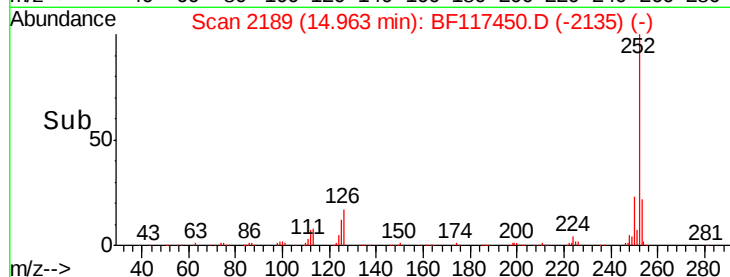
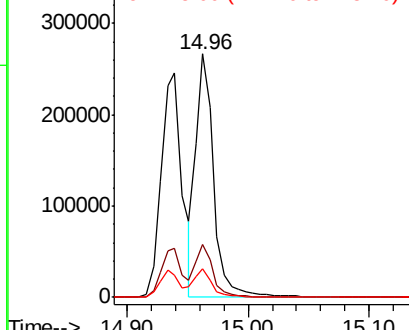
252 100

253 21.7 18.0 27.0

125 11.7 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 51.063 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

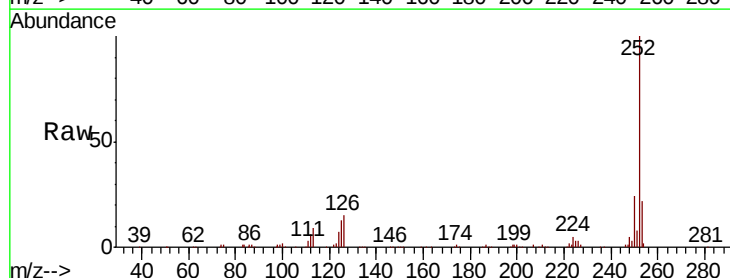
Tgt Ion:252 Resp: 239642

Ion Ratio Lower Upper

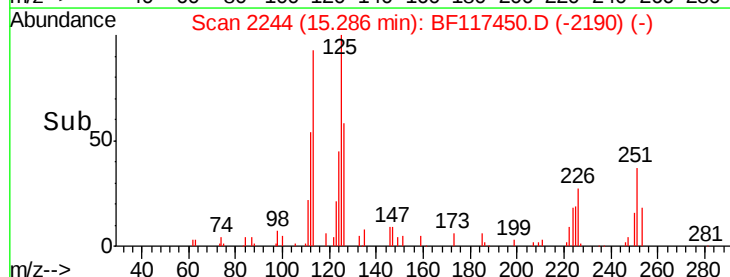
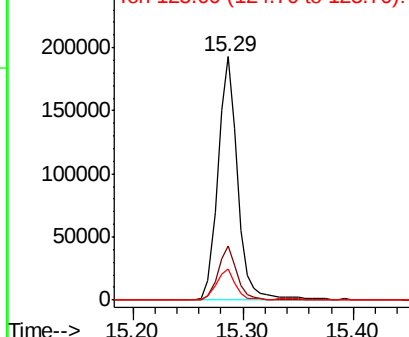
252 100

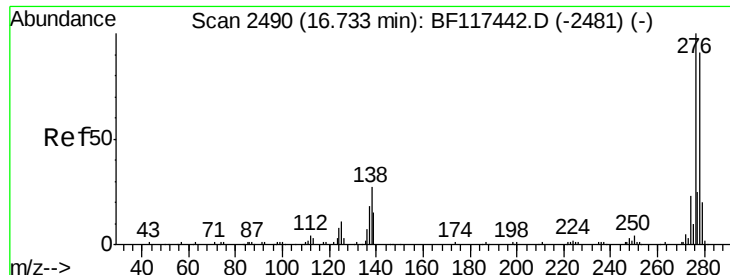
253 22.0 16.3 24.5

125 12.5 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: 51.359 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

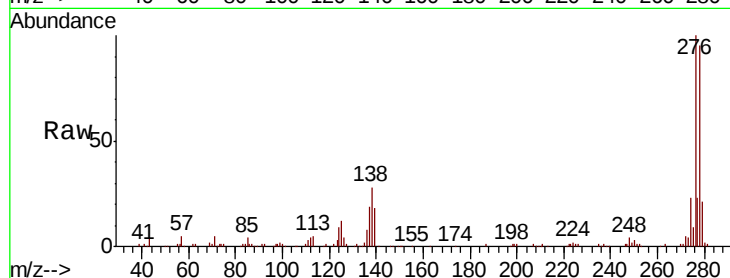
Tot Ion:278 Resp: 208414

Ion Ratio Lower Upper

278 100

139 19.1 13.4 20.0

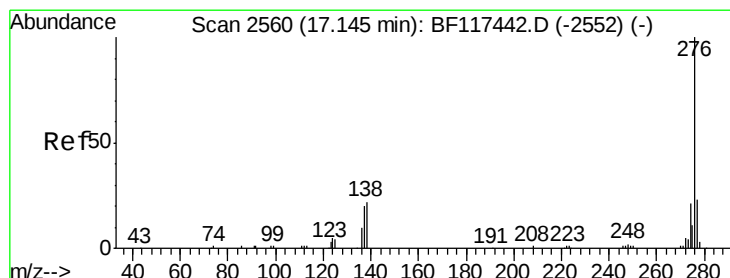
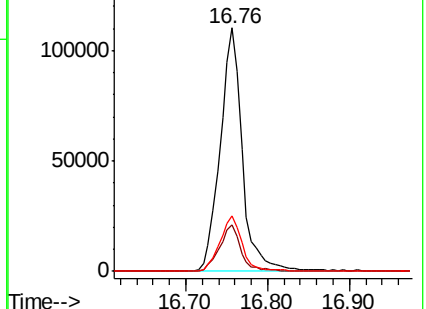
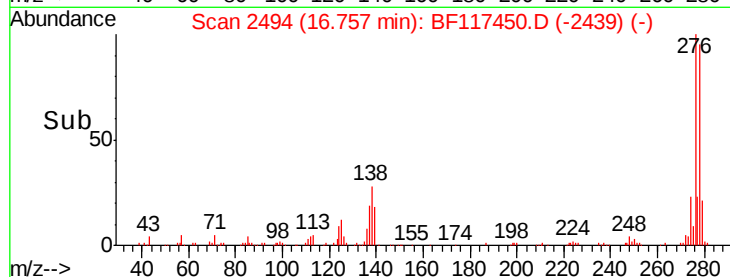
279 22.6 17.8 26.6



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: 52.908 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

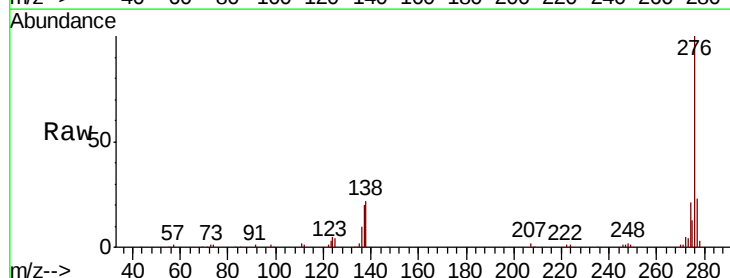
Tgt Ion:276 Resp: 203142

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 22.0 17.8 26.6



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

