

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117442.D
 Acq On : 18 Oct 2019 16:07
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:15:23 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 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44788	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	192851	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	97143	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154788	20.00	ng	0.00
76) Chrysene-d12	13.90	240	108873	20.00	ng	0.00
87) Perylene-d12	15.32	264	90598	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	255559	87.79	ng	0.00
7) Phenol-d6	6.38	99	343168	88.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	326742	85.88	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	70397	89.04	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	586074	87.96	ng	0.00
79) Terphenyl-d14	12.83	244	545523	81.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	53994	45.057	ng	100
3) Pyridine	3.12	79	128905	42.269	ng	100
4) n-Nitrosodimethylamine	3.08	42	47308	44.021	ng	100
6) Aniline	6.40	93	203276	42.132	ng	100
8) 2-Chlorophenol	6.52	128	135520	41.875	ng	100
9) Benzaldehyde	6.29	77	85224	45.256	ng	100
10) Phenol	6.40	94	174257	41.792	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	126714	39.972	ng	100
12) 1,3-Dichlorobenzene	6.67	146	149127	41.205	ng	100
13) 1,4-Dichlorobenzene	6.75	146	154325	41.831	ng	100
14) 1,2-Dichlorobenzene	6.90	146	144184	41.377	ng	100
15) Benzyl Alcohol	6.89	79	123413	41.766	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	136244	40.930	ng	100
17) 2-Methylphenol	7.00	107	111993	41.453	ng	100
18) Hexachloroethane	7.25	117	59873	41.742	ng	100
19) n-Nitroso-di-n-propylamine	7.16	70	103318	41.955	ng	100
20) 3+4-Methylphenols	7.16	107	145951	41.955	ng	100
22) Acetophenone	7.15	105	215580	42.600	ng	100
24) Nitrobenzene	7.32	77	161402	42.352	ng	100
25) Isophorone	7.56	82	278643	41.115	ng	100
26) 2-Nitrophenol	7.64	139	69747	41.249	ng	100
27) 2,4-Dimethylphenol	7.68	122	104244	40.565	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	175290	41.722	ng	100
29) 2,4-Dichlorophenol	7.89	162	109044	41.124	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	119193	41.698	ng	100
31) Naphthalene	8.04	128	397748	41.299	ng	100
32) Benzoic acid	7.84	122	64907	40.562	ng	100
33) 4-Chloroaniline	8.09	127	166841	40.791	ng	100
34) Hexachlorobutadiene	8.16	225	67964	41.514	ng	100
35) Caprolactam	8.47	113	34617	41.689	ng	100
36) 4-Chloro-3-methylphenol	8.58	107	121315	40.208	ng	100
37) 2-Methylnaphthalene	8.73	142	268389	41.269	ng	100
38) 1-Methylnaphthalene	8.83	142	253858	41.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	112228	42.926	ng	100

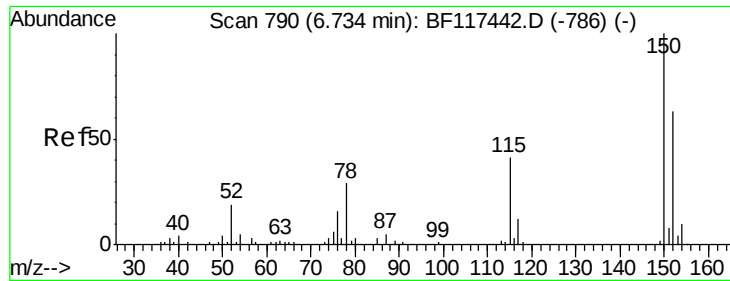
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
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 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	20521	42.033	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	70627	42.686	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	71404	42.309	ng	100
46) 1,1'-Biphenyl	9.19	154	343273	43.255	ng	100
47) 2-Chloronaphthalene	9.22	162	257276	41.587	ng	100
48) 2-Nitroaniline	9.32	65	84623	42.872	ng	100
49) Acenaphthylene	9.63	152	384060	42.348	ng	100
50) Dimethylphthalate	9.49	163	291659	41.805	ng	100
51) 2,6-Dinitrotoluene	9.56	165	62080	42.335	ng	100
52) Acenaphthene	9.80	154	230738	41.870	ng	100
53) 3-Nitroaniline	9.73	138	75865	42.365	ng	100
54) 2,4-Dinitrophenol	9.86	184	26440	47.059	ng	100
55) Dibenzofuran	9.97	168	336835	41.901	ng	100
56) 4-Nitrophenol	9.91	139	31489	44.186	ng	100
57) 2,4-Dinitrotoluene	9.97	165	82205	42.485	ng	100
58) Fluorene	10.32	166	278743	41.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	55947	42.881	ng	100
60) Diethylphthalate	10.19	149	296003	42.091	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	124724	42.087	ng	100
62) 4-Nitroaniline	10.35	138	70931	41.670	ng	100
63) Azobenzene	10.47	77	304854	42.248	ng	100
65) 4,6-Dinitro-2-methylphenol	10.39	198	33202	42.701	ng	100
66) n-Nitrosodiphenylamine	10.43	169	240355	41.566	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	70102	41.291	ng	100
68) Hexachlorobenzene	10.87	284	74746	40.995	ng	100
69) Atrazine	10.96	200	59755	63.729	ng	100
70) Pentachlorophenol	11.07	266	23058	42.272	ng	100
71) Phenanthrene	11.27	178	380688	41.604	ng	100
72) Anthracene	11.33	178	387227	40.994	ng	100
73) Carbazole	11.49	167	351457	40.961	ng	100
74) Di-n-butylphthalate	11.81	149	476149	40.982	ng	100
75) Fluoranthene	12.46	202	378416	41.591	ng	100
77) Benzidine	12.59	184	125794	46.717	ng	100
78) Pyrene	12.69	202	384695	39.974	ng	100
80) Butylbenzylphthalate	13.30	149	191646	39.602	ng	100
81) Benzo(a)anthracene	13.89	228	303868	40.677	ng	100
82) 3,3'-Dichlorobenzidine	13.84	252	101333	42.904	ng	100
83) Chrysene	13.92	228	293401	39.827	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	266969	39.127	ng	100
85) Di-n-octyl phthalate	14.47	149	409613	39.432	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	204367	39.674	ng	100
88) Benzo(b)fluoranthene	14.92	252	220883	39.163	ng	100
89) Benzo(k)fluoranthene	14.94	252	241731	43.126	ng	100
90) Benzo(a)pyrene	15.27	252	207642	41.575	ng	100
91) Dibenzo(a,h)anthracene	16.73	278	174372	40.744	ng	100
92) Benzo(g,h,i)perylene	17.14	276	162472	39.883	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampled :

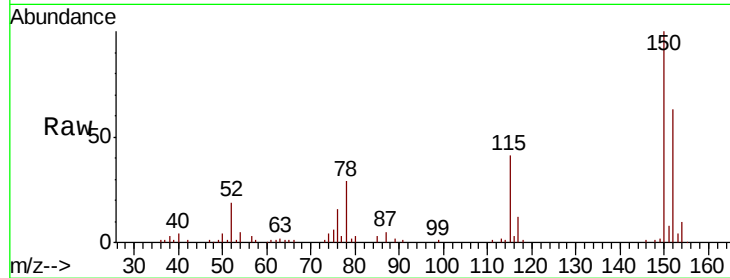
Tot Ion:152 Resp: 44788

Ion Ratio Lower Upper

152 100

150 158.5 126.8 190.2

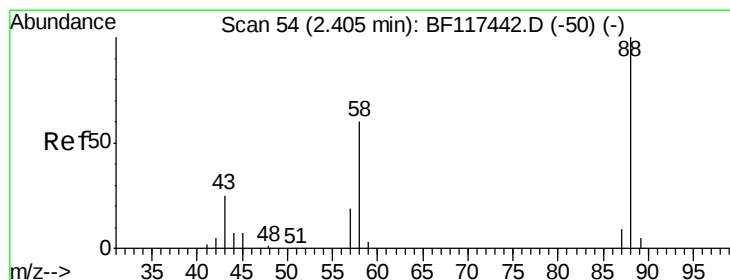
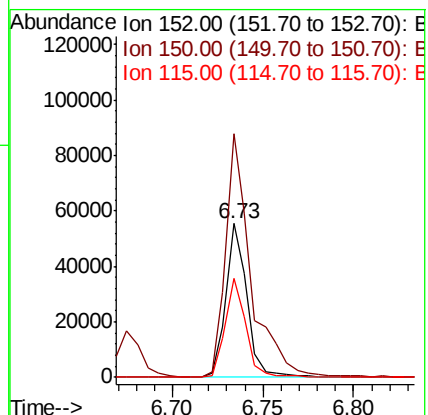
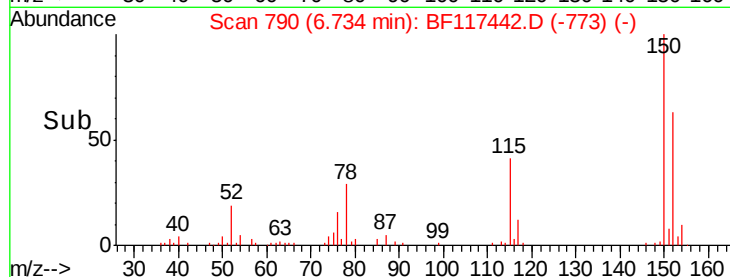
115 64.5 51.6 77.4



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



#2

1,4-Dioxane

Concen: 45.057 ng

RT: 2.40 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

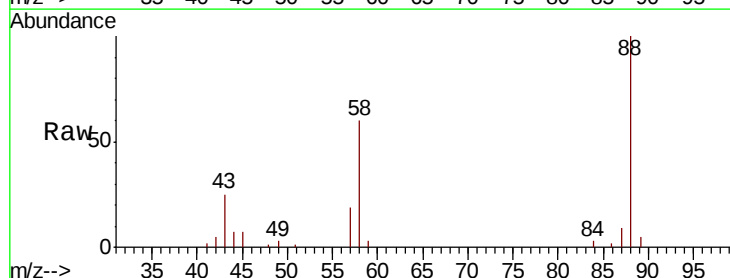
Tgt Ion: 88 Resp: 53994

Ion Ratio Lower Upper

88 100

58 61.0 48.8 73.2

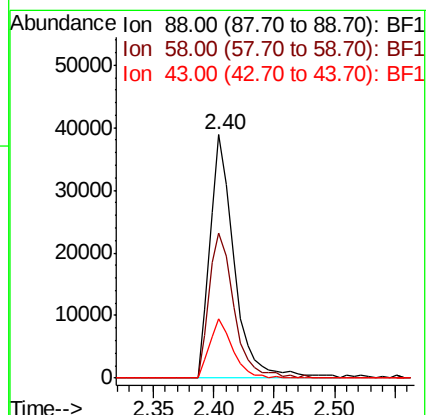
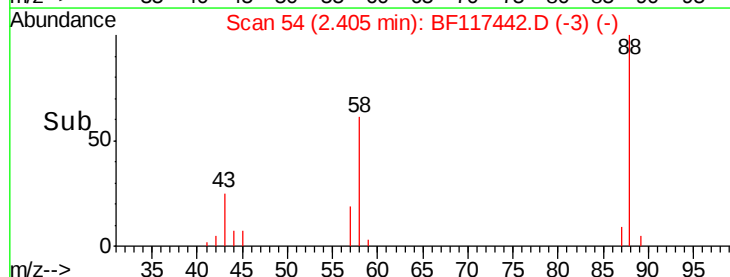
43 23.1 18.5 27.7

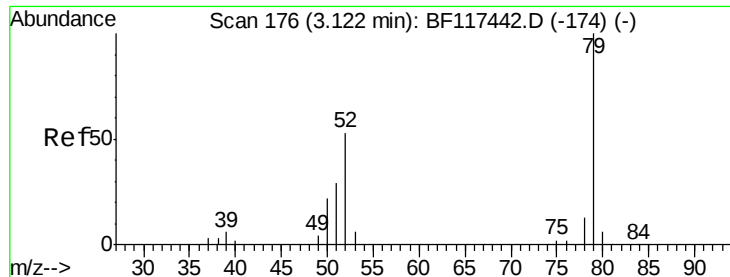


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

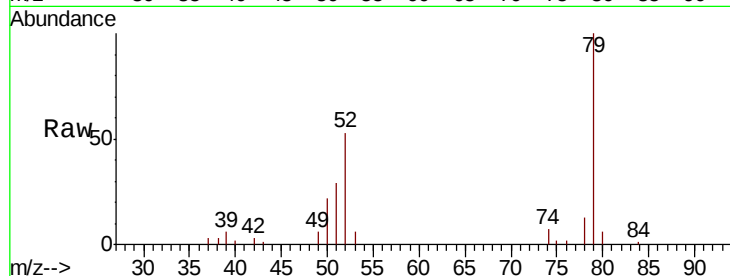




#3
 Pvridine
 Concen: 42.269 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	53.0	42.4	63.6	
51	29.1	23.3	34.9	

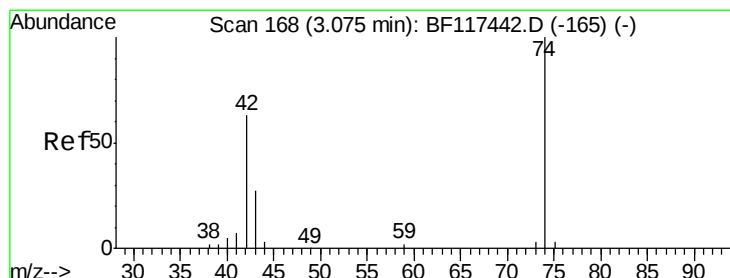
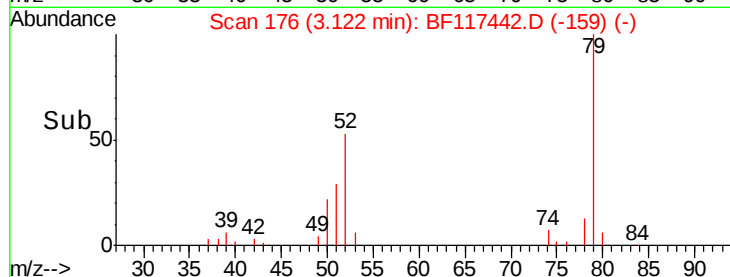
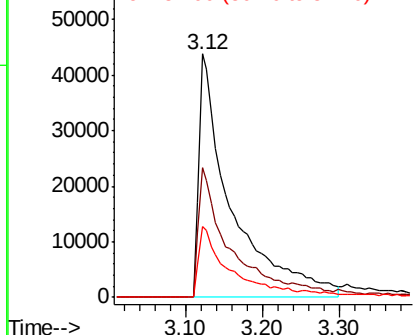


Abundance

Ion 79.00 (78.70 to 79.70): BF1

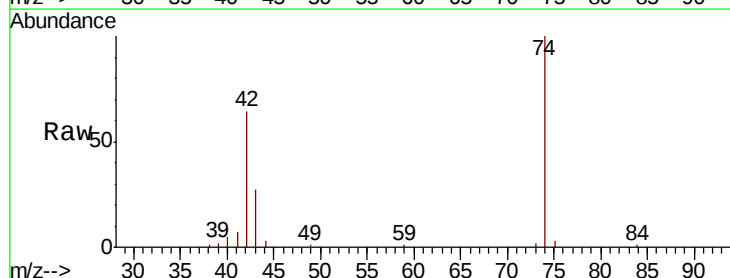
Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4
 n-Nitrosodimethylamine
 Concen: 44.021 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	155.3	124.2	186.4	
44	5.3	4.2	6.4	

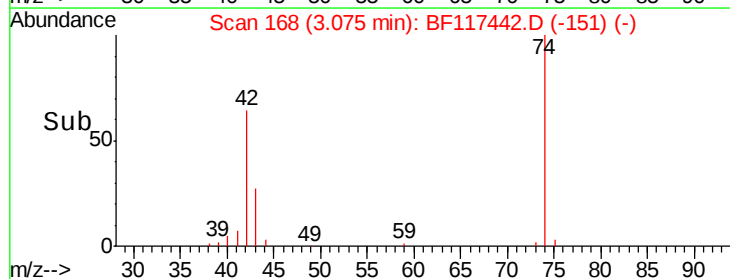
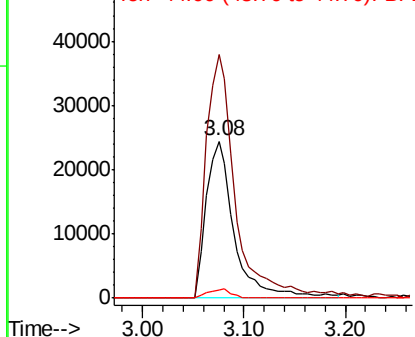


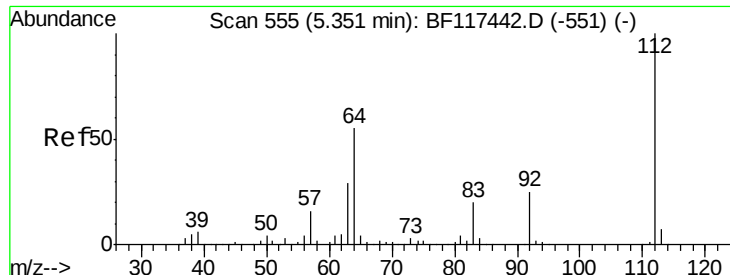
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.794 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

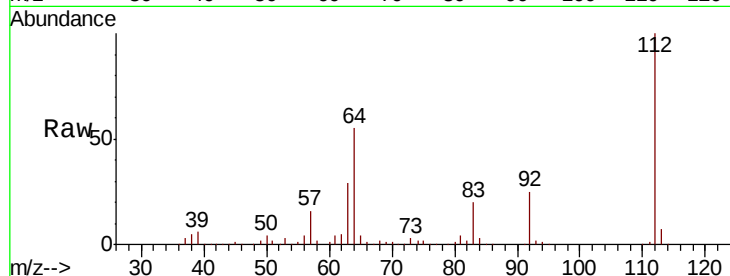
Tot Ion:112 Resp: 255559

Ion Ratio Lower Upper

112 100

64 55.1 44.1 66.1

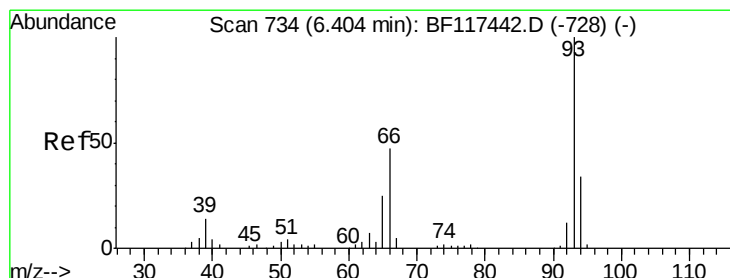
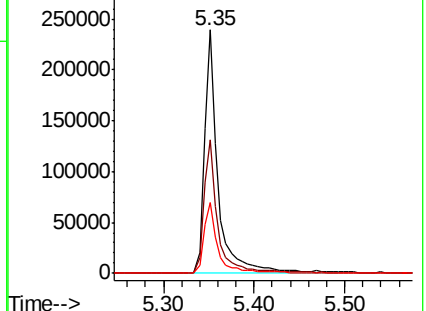
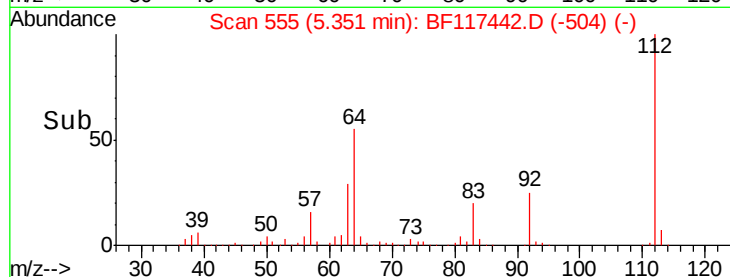
63 29.3 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.132 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

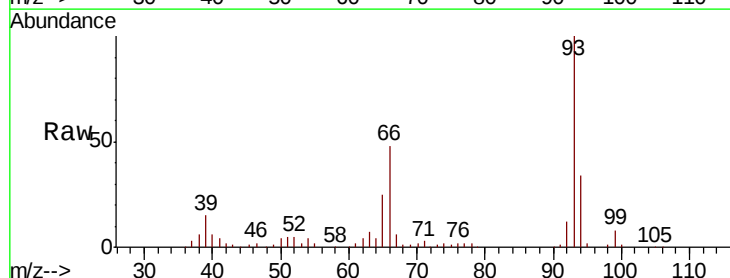
Tgt Ion: 93 Resp: 203276

Ion Ratio Lower Upper

93 100

66 48.4 38.7 58.1

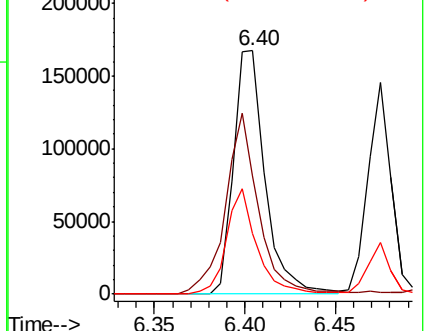
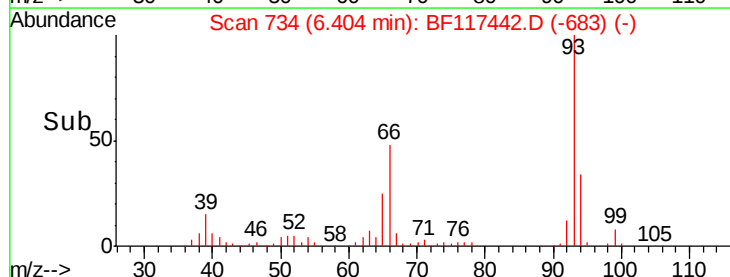
65 25.1 20.1 30.1

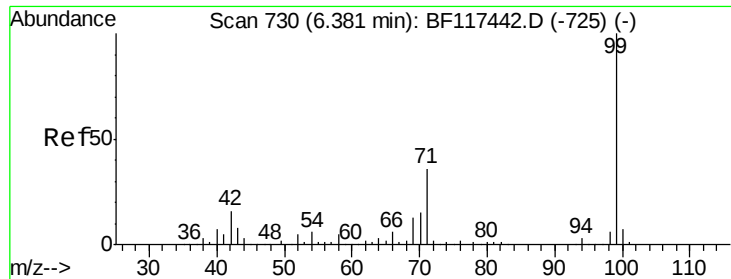


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.853 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

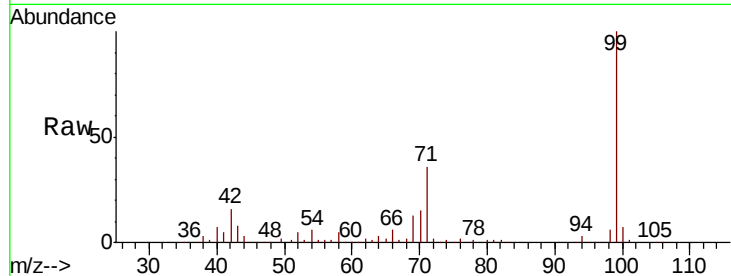
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 343168

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	35.8	28.6	43.0

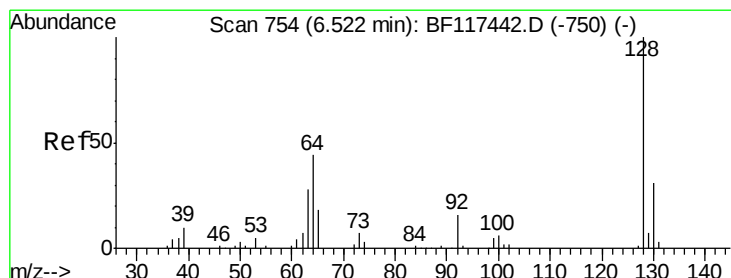
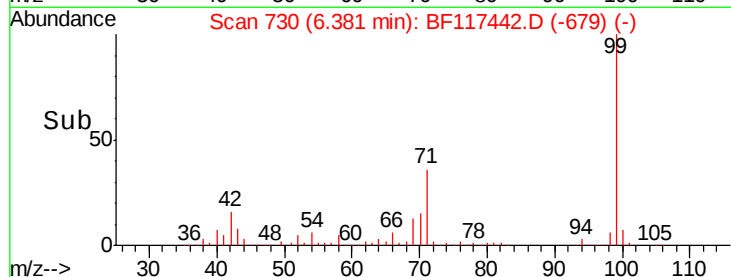
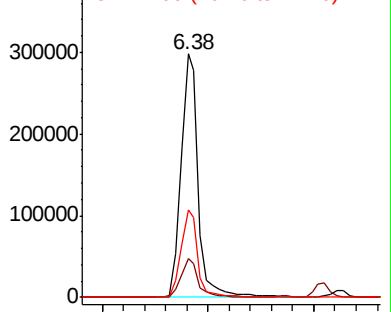


Abundance

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: 41.875 ng

RT: 6.52 min Scan# 754

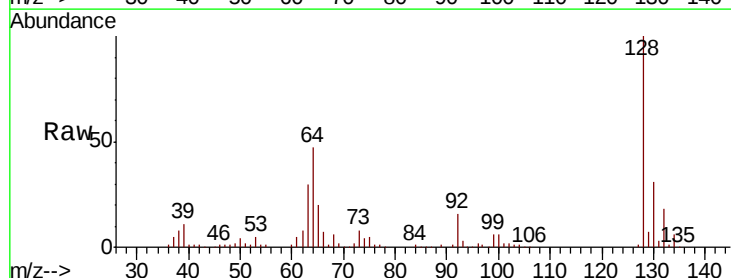
Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Tgt Ion: 128 Resp: 135520

Ion	Ratio	Lower	Upper
128	100		
130	31.1	11.1	51.1
64	47.1	27.1	67.1

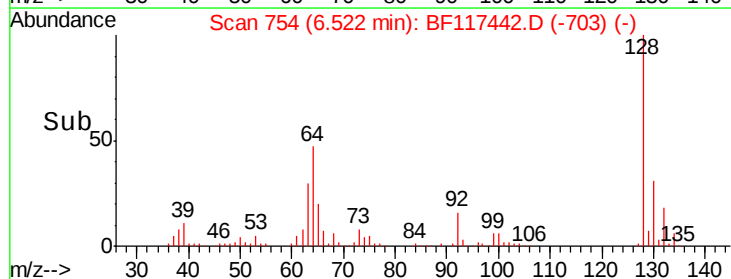
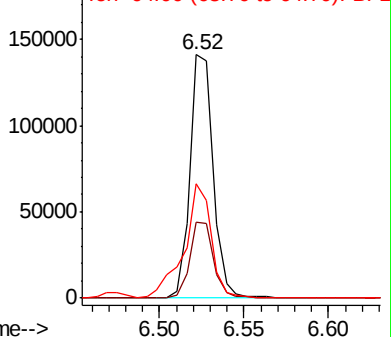


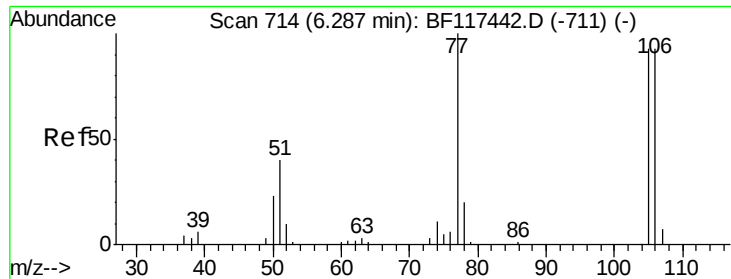
Abundance

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

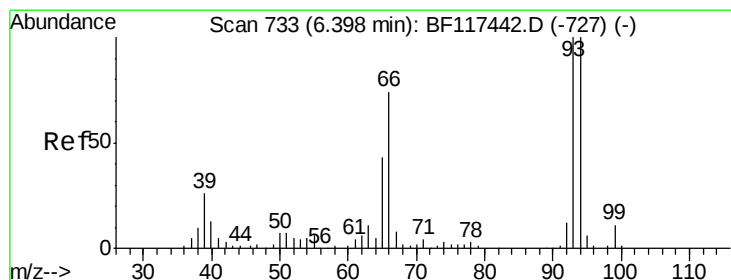
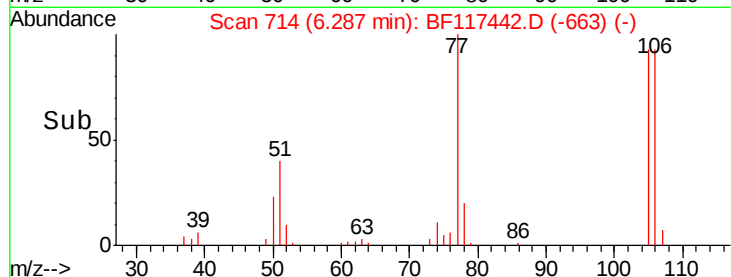
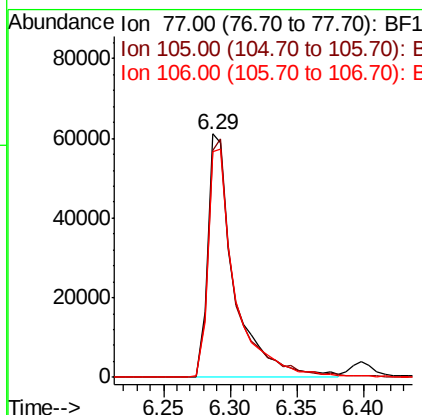
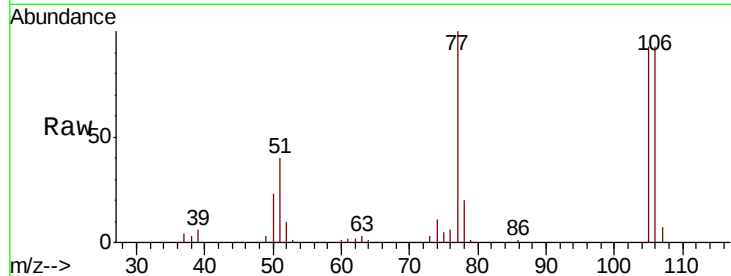




#9
Benzaldehyde
Concen: 45.256 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

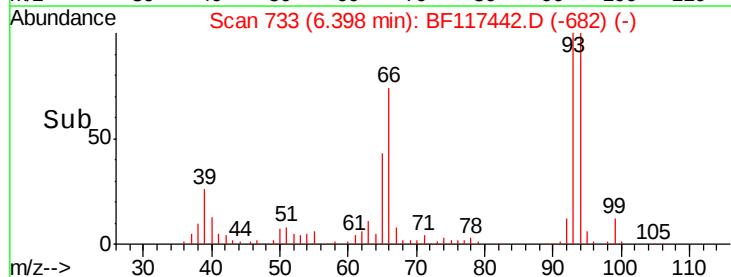
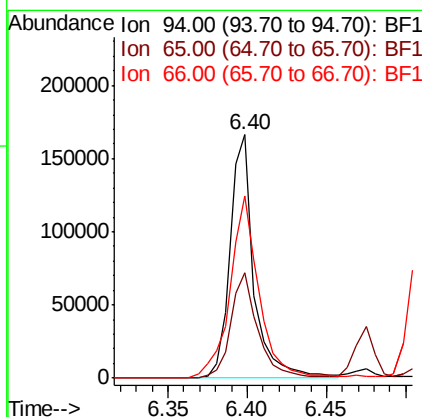
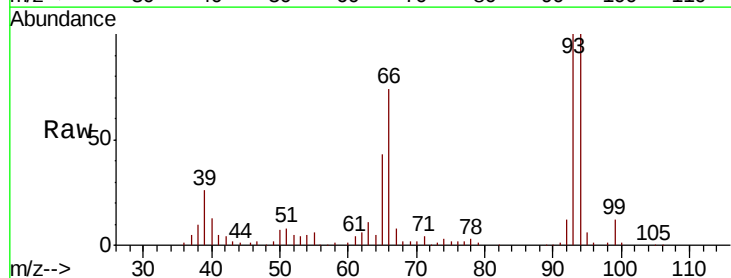
Instrument :
BNA_F
ClientSampleId :

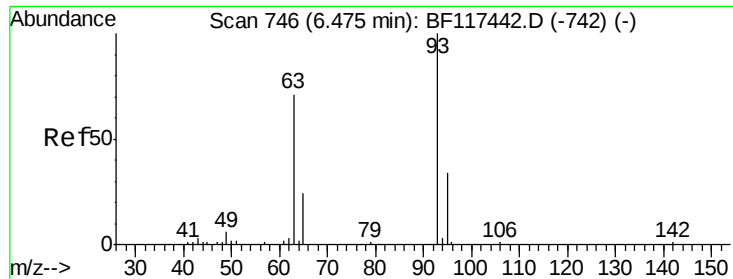
Tot Ion: 77 Resp: 85224
Ion Ratio Lower Upper
77 100
105 93.4 73.4 113.4
106 93.0 73.0 113.0



#10
Phenol
Concen: 41.792 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion: 94 Resp: 174257
Ion Ratio Lower Upper
94 100
65 43.4 23.4 63.4
66 74.7 54.7 94.7





#11

bis(2-Chloroethyl)ether

Concen: 39.972 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

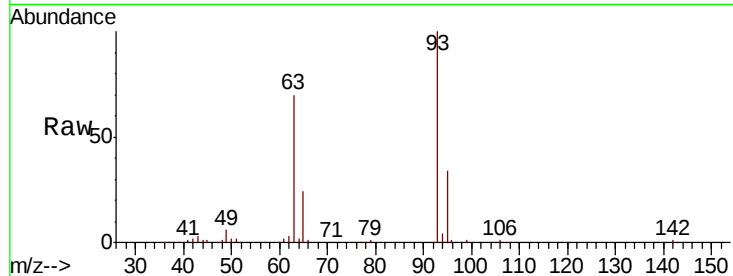
Tot Ion: 93 Resp: 126714

Ion Ratio Lower Upper

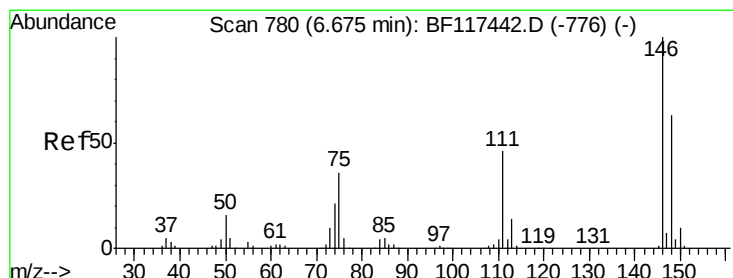
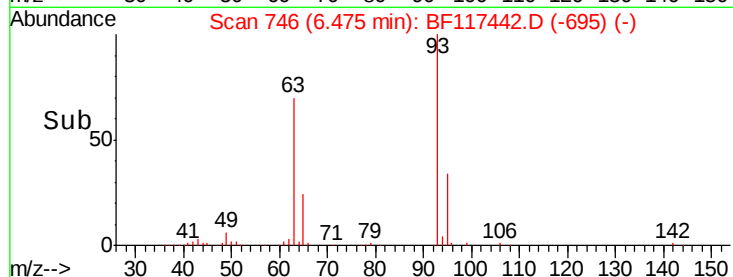
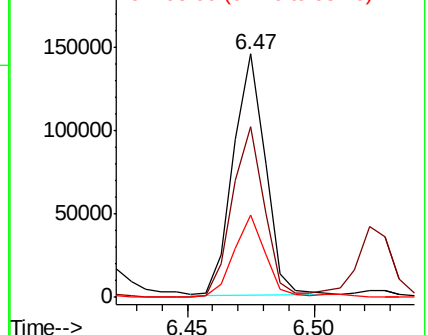
93 100

63 70.2 50.2 90.2

95 33.9 13.9 53.9



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



#12

1,3-Dichlorobenzene

Concen: 41.205 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

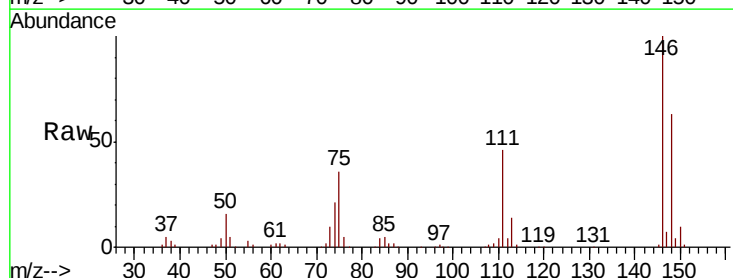
Tgt Ion: 146 Resp: 149127

Ion Ratio Lower Upper

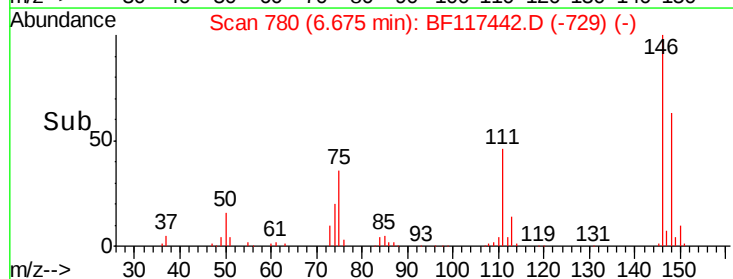
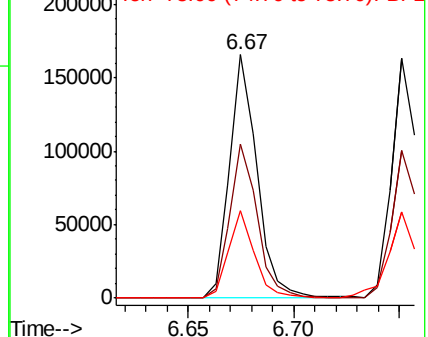
146 100

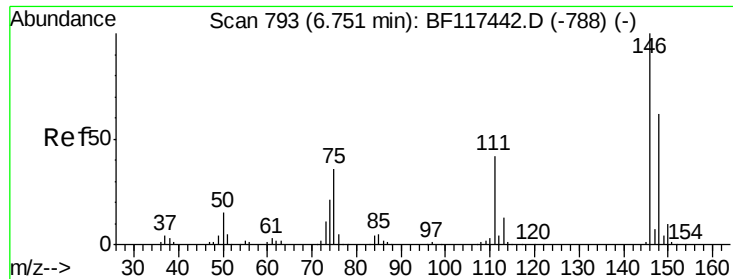
148 63.2 50.6 75.8

75 35.8 28.6 43.0



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

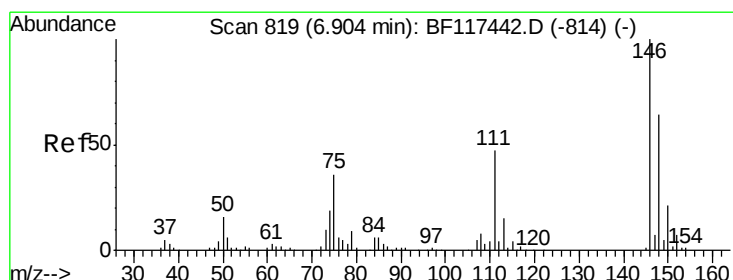
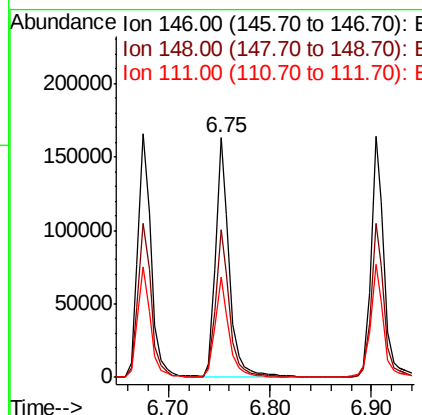
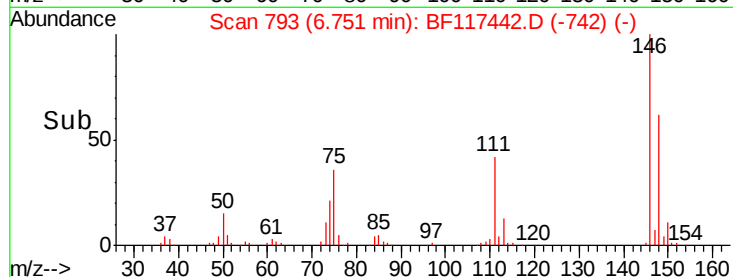
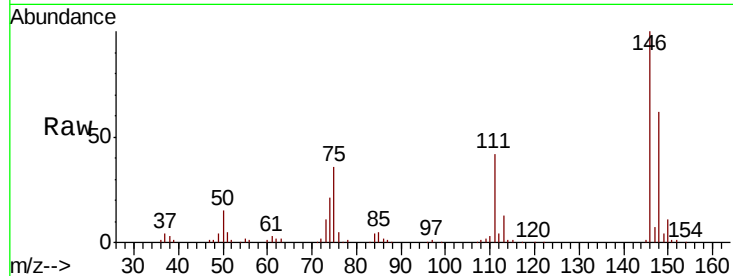




#13
 1,4-Dichlorobenzene
 Concen: 41.831 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

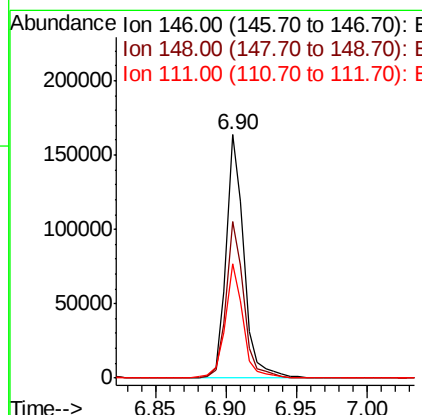
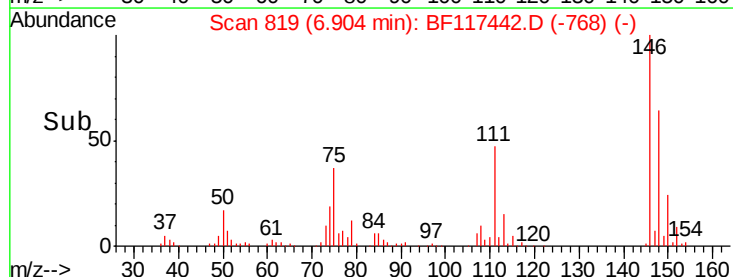
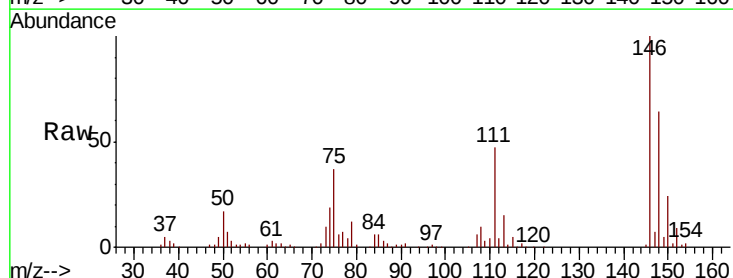
Instrument :
 BNA_F
 ClientSampleId :

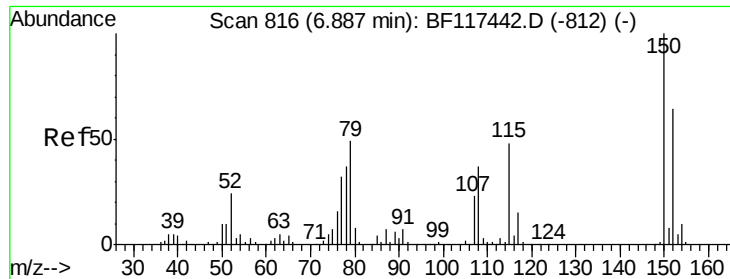
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.3	73.9
111	42.0	33.6	50.4



#14
 1,2-Dichlorobenzene
 Concen: 41.377 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	47.1	37.7	56.5

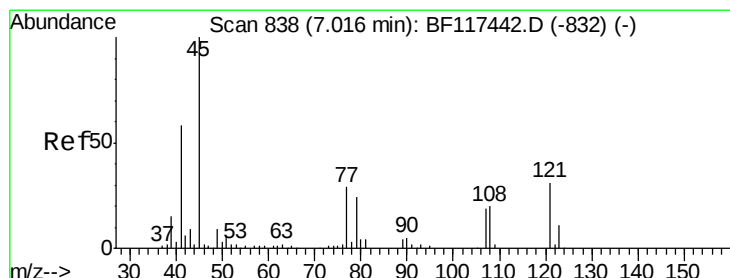
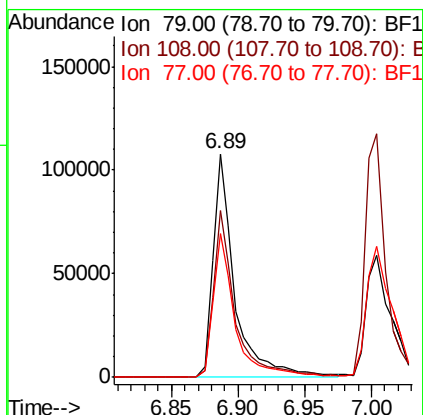
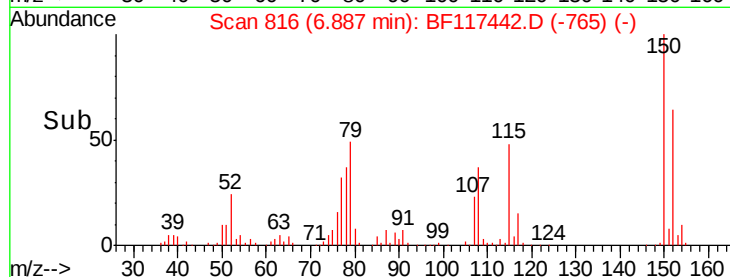
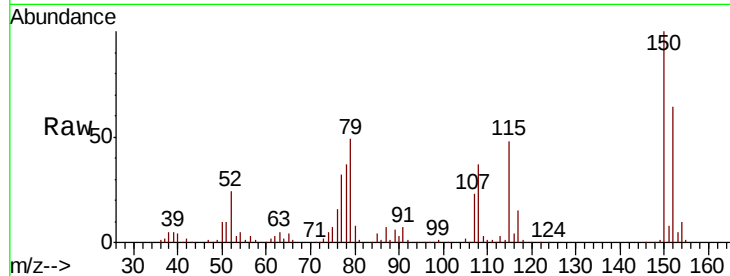




#15
Benzyl Alcohol
Concen: 41.766 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

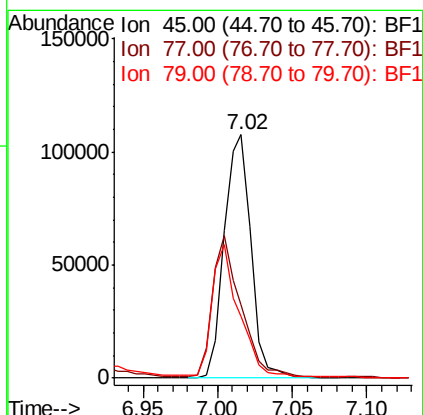
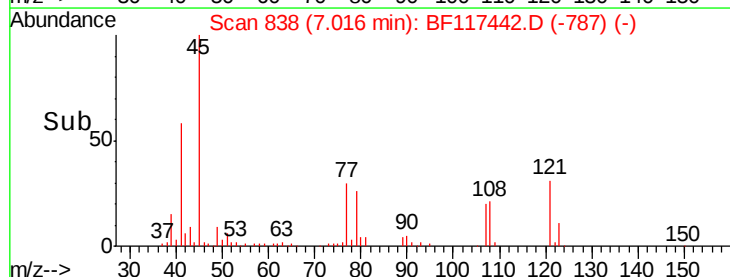
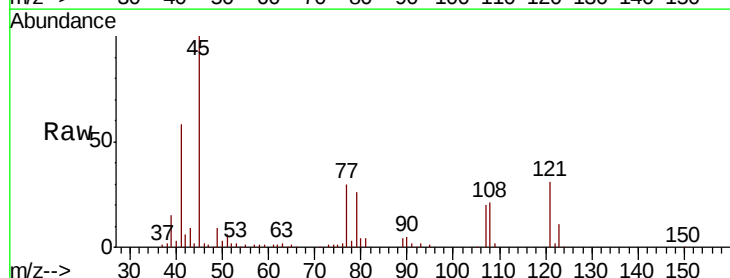
Instrument :
BNA_F
ClientSampleId :

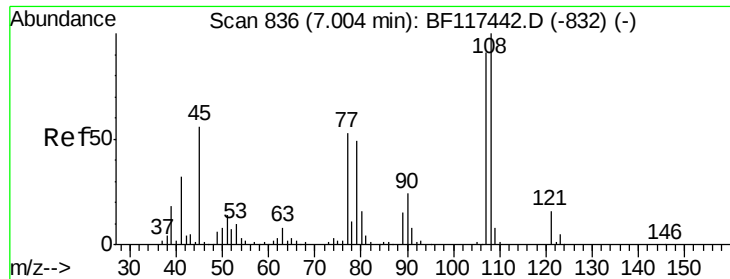
Tot Ion: 79 Resp: 123413
Ion Ratio Lower Upper
79 100
108 74.8 59.8 89.8
77 64.2 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.930 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion: 45 Resp: 136244
Ion Ratio Lower Upper
45 100
77 29.9 9.9 49.9
79 25.5 5.5 45.5





#17

2-Methylphenol

Concen: 41.453 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 111993

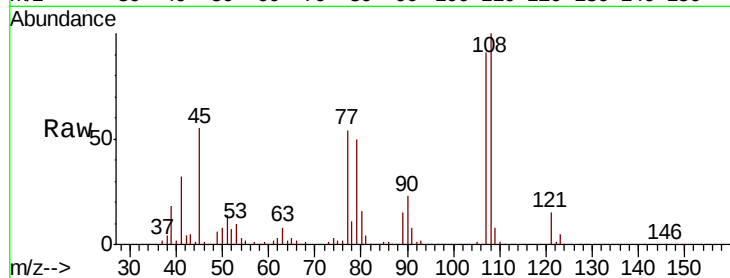
Ion Ratio Lower Upper

107 100

108 110.0 88.0 132.0

77 59.0 47.2 70.8

79 55.1 44.1 66.1

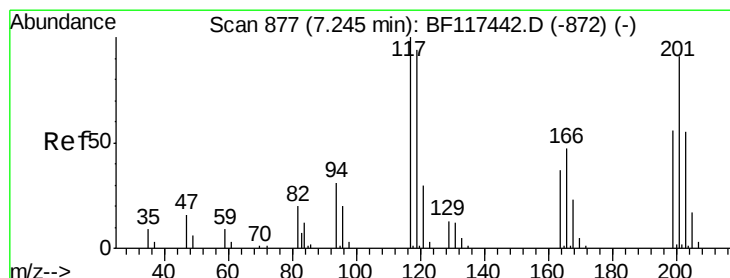
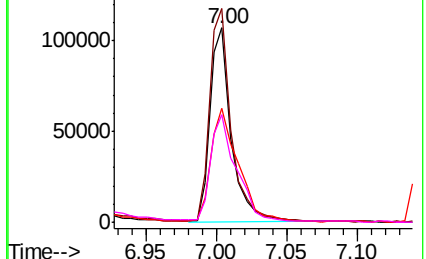
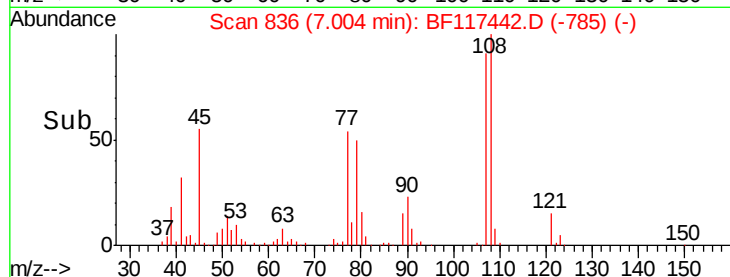


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.742 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

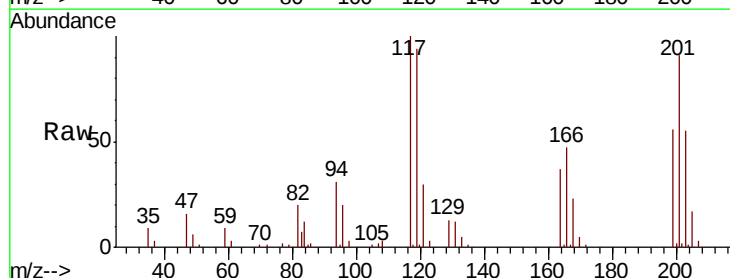
Tgt Ion:117 Resp: 59873

Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.0

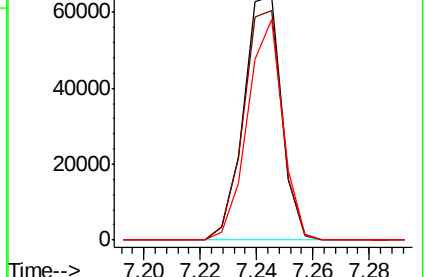
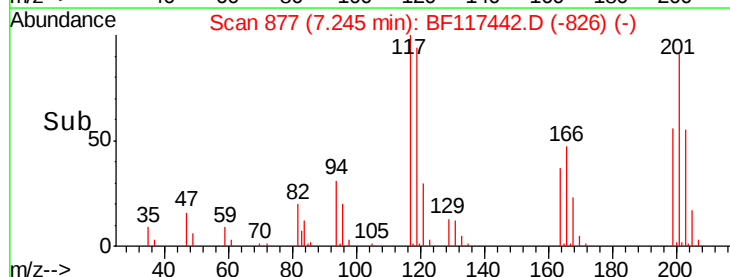
201 90.6 72.5 108.7

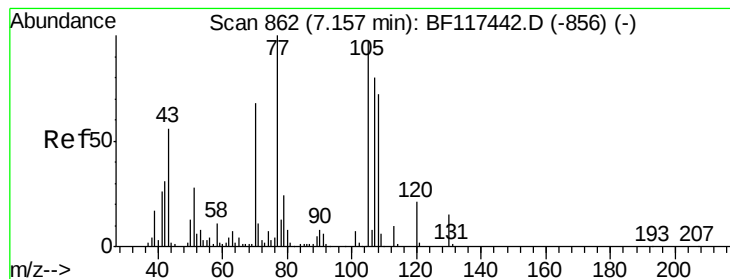


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.955 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 103318

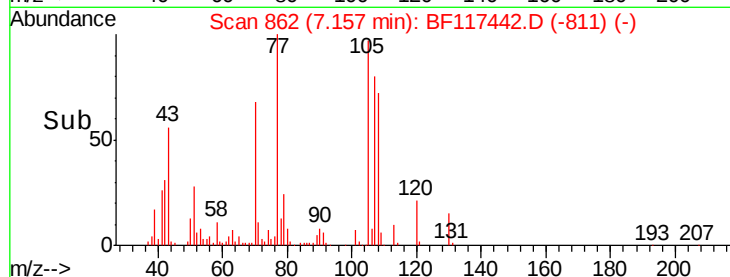
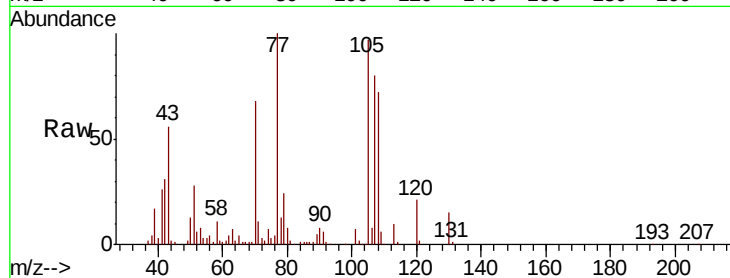
Ion Ratio Lower Upper

70 100

42 45.9 36.7 55.1

101 10.4 8.3 12.5

130 22.6 18.1 27.1

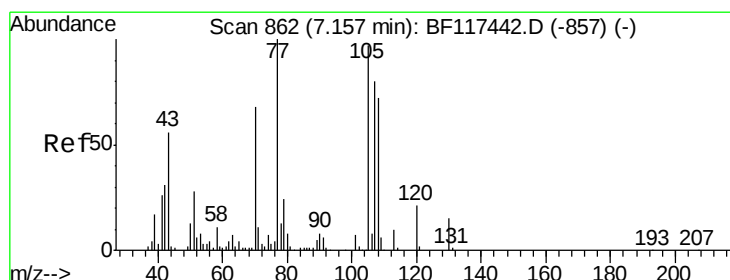
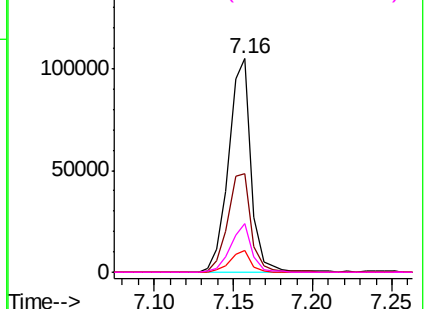


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 41.955 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Tgt Ion:107 Resp: 145951

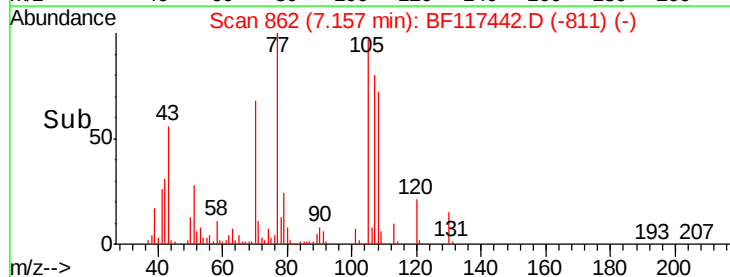
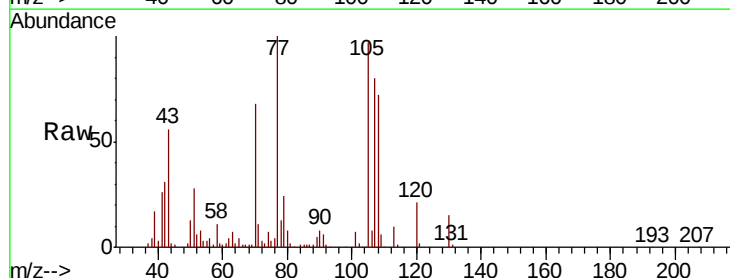
Ion Ratio Lower Upper

107 100

108 90.3 70.3 110.3

77 124.8 104.8 144.8

79 30.0 10.0 50.0

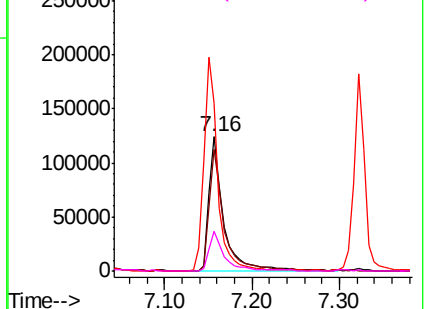


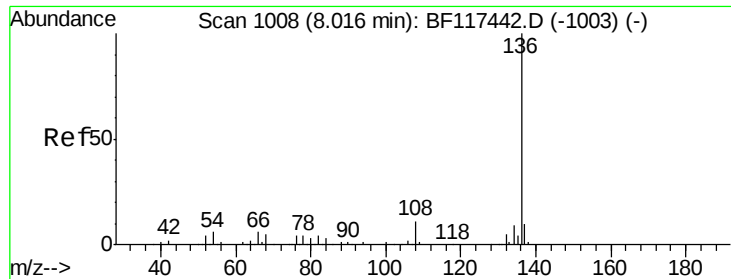
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 192851

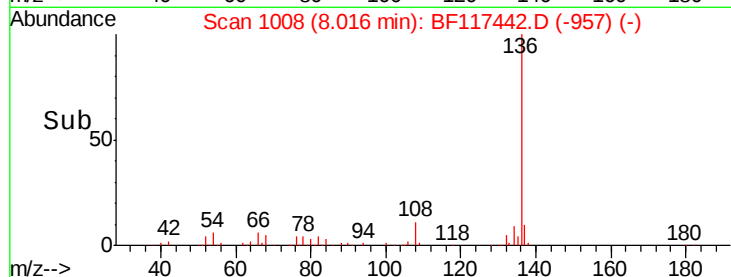
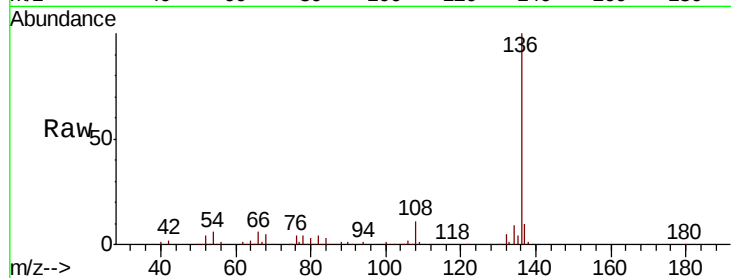
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 5.6 4.5 6.7

68 5.4 4.3 6.5

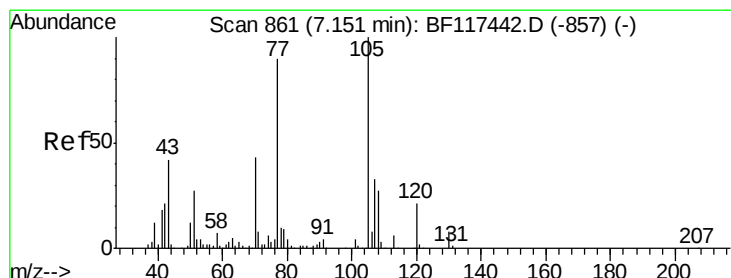
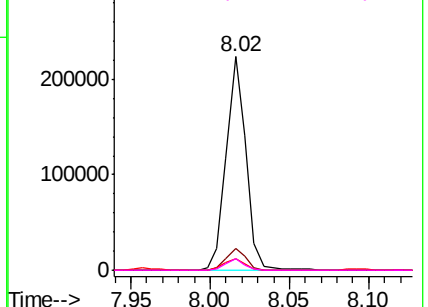


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.600 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Tgt Ion:105 Resp: 215580

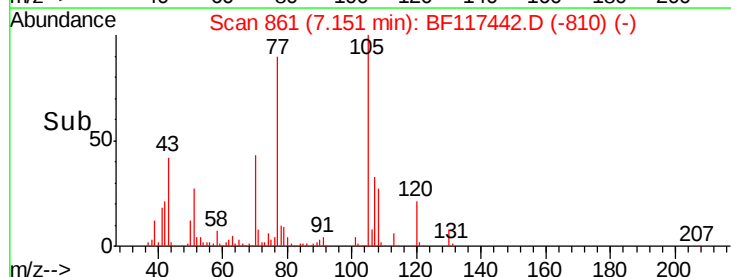
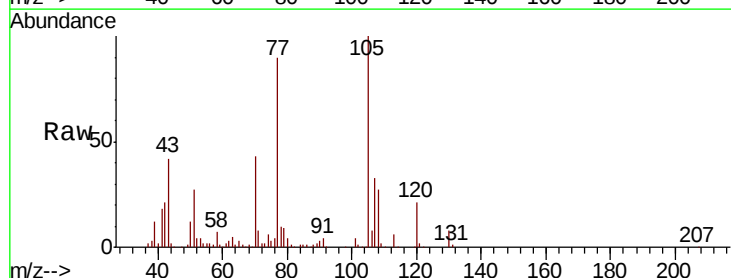
Ion Ratio Lower Upper

105 100

71 7.7 6.2 9.2

51 27.2 21.8 32.6

120 20.9 16.7 25.1

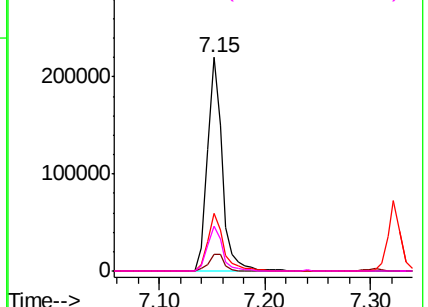


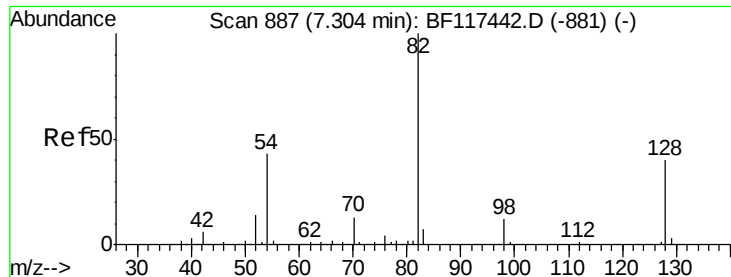
Abundance Ion 105.00 (104.70 to 105.70): E

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

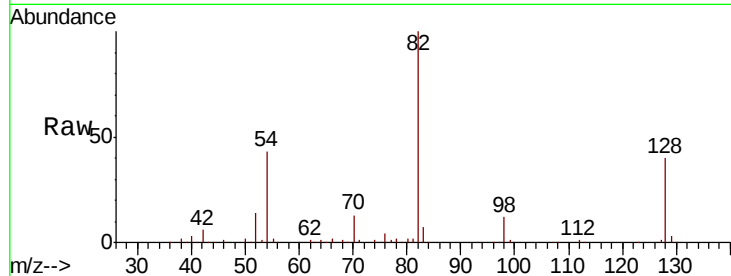




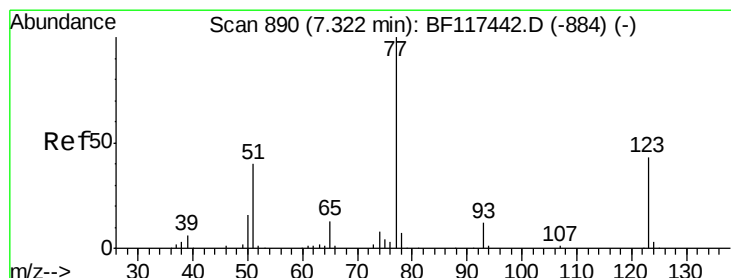
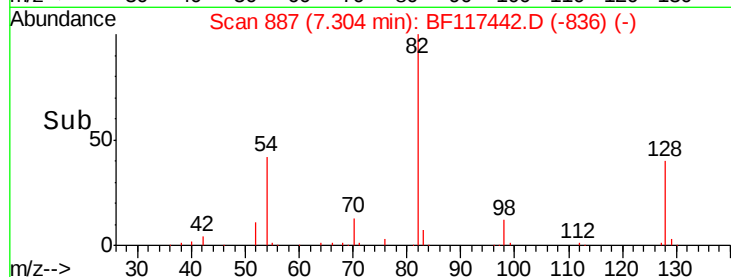
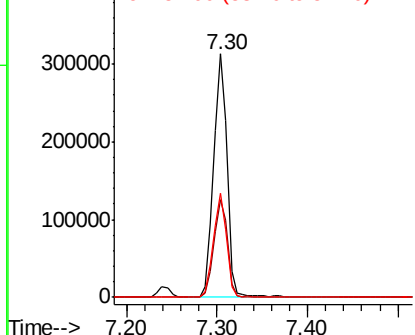
#23
Nitrobenzene-d5
Concen: 85.883 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 326742
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 42.7 34.2 51.2

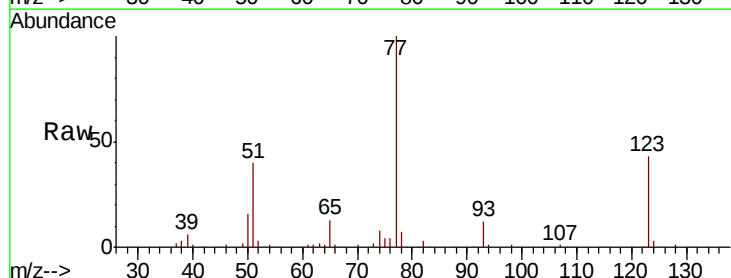


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

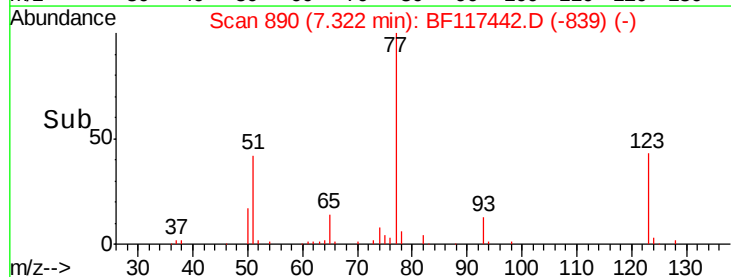
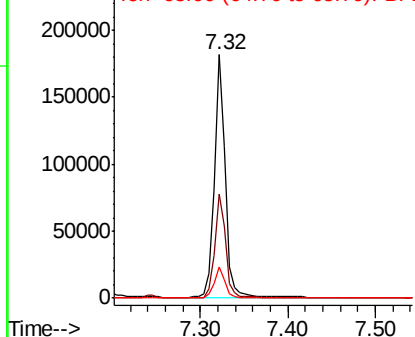


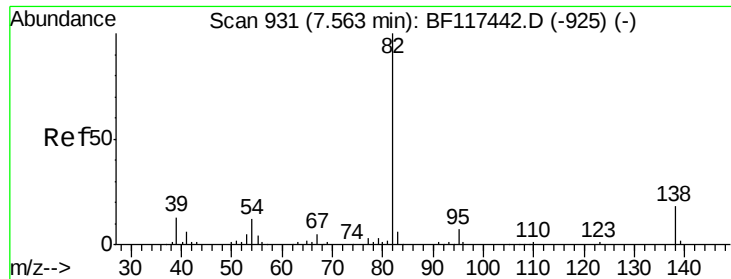
#24
Nitrobenzene
Concen: 42.352 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion: 77 Resp: 161402
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.2
65 12.9 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: 41.115 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

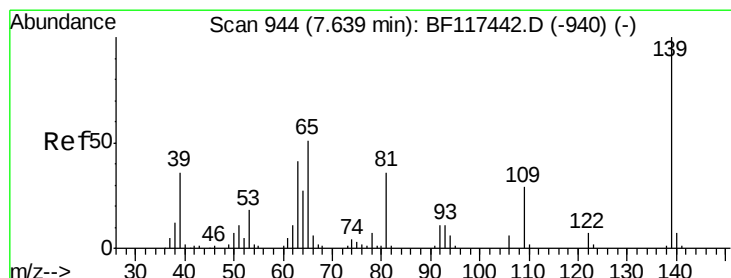
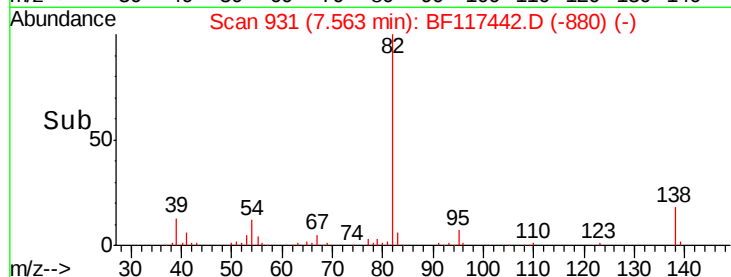
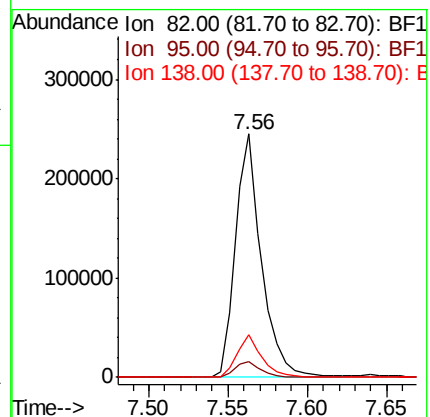
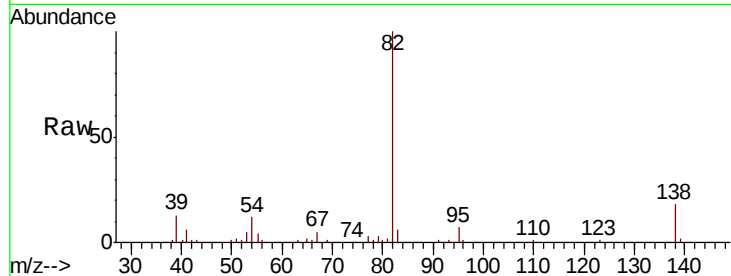
Tot Ion: 82 Resp: 278643

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.7 14.2 21.2



#26

2-Nitrophenol

Concen: 41.249 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

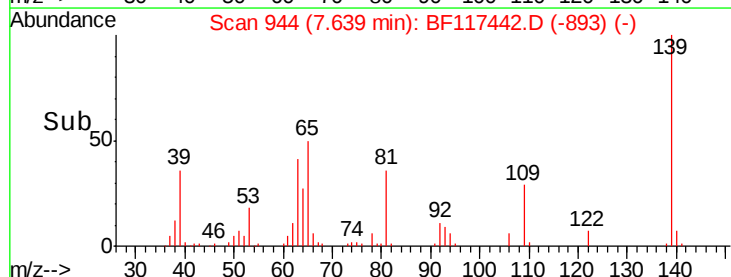
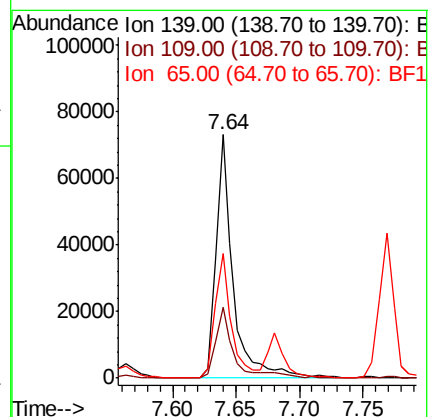
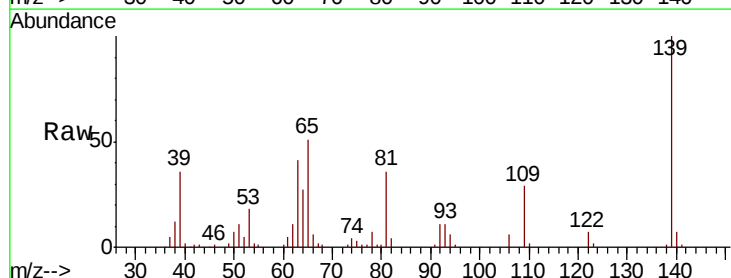
Tgt Ion: 139 Resp: 69747

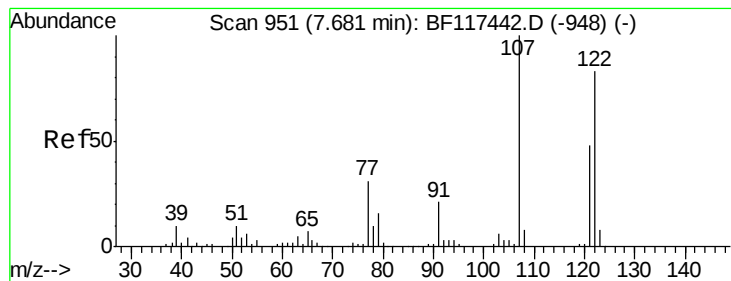
Ion Ratio Lower Upper

139 100

109 29.0 23.2 34.8

65 51.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 40.565 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampled :

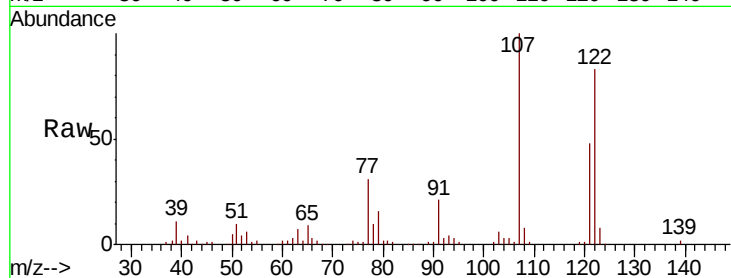
Tot Ion:122 Resp: 104244

Ion Ratio Lower Upper

122 100

107 121.0 96.8 145.2

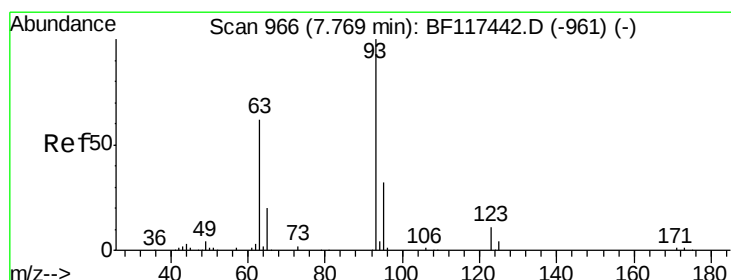
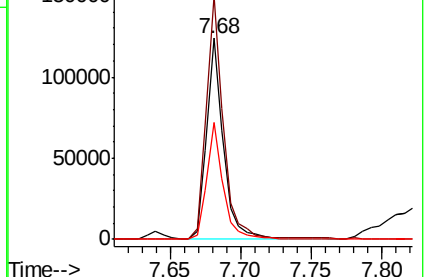
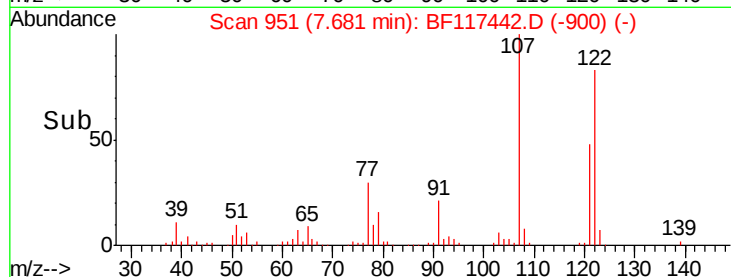
121 58.0 46.4 69.6



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: 41.722 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

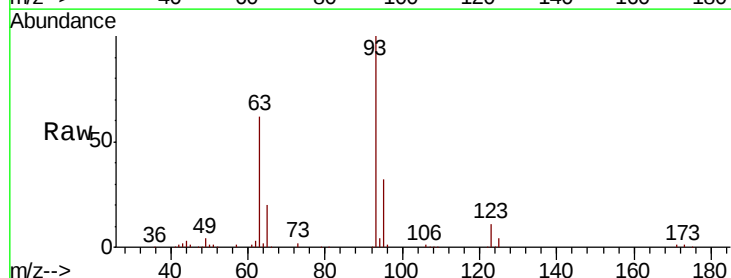
Tgt Ion: 93 Resp: 175290

Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

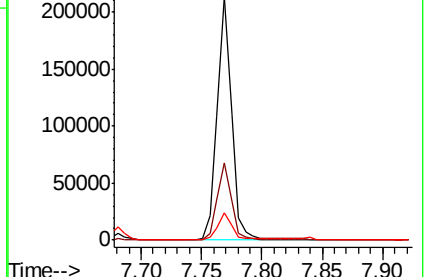
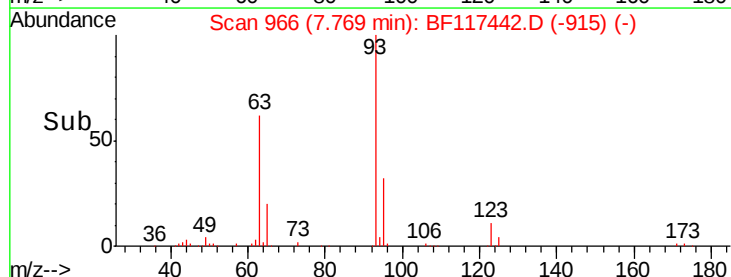
123 11.3 9.0 13.6

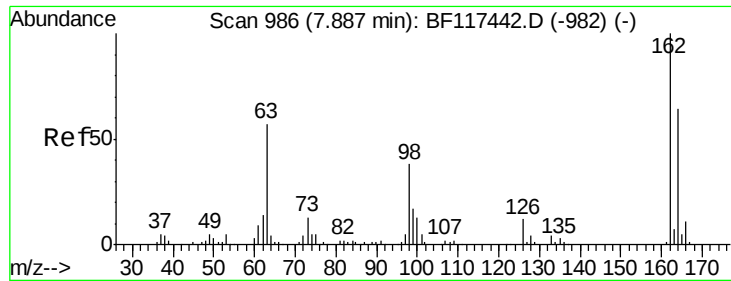


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

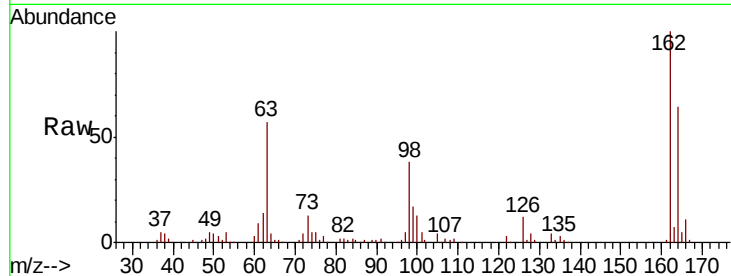




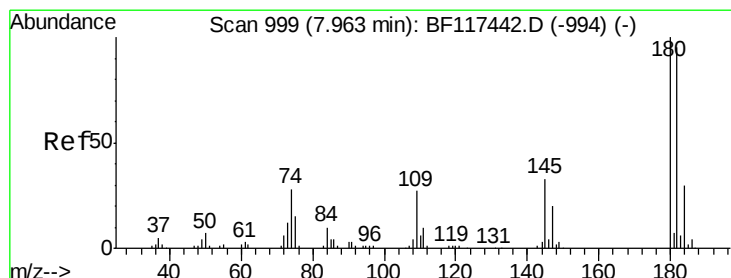
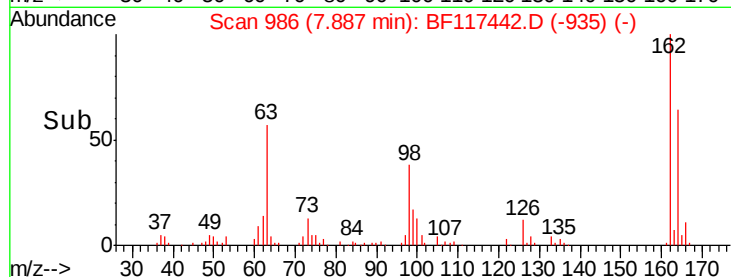
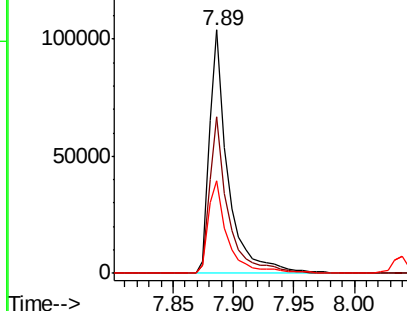
#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	38.2	18.2	58.2

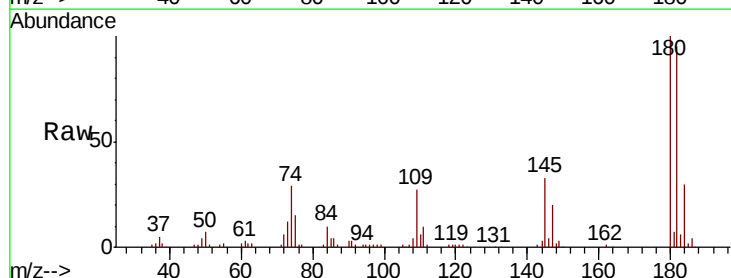


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

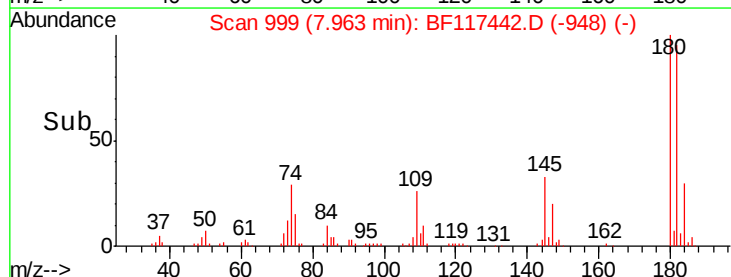
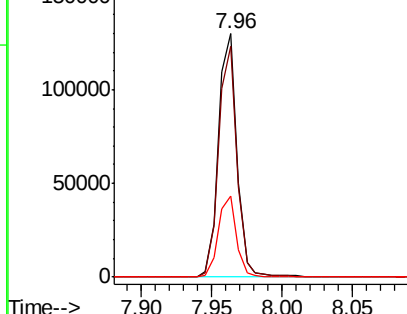


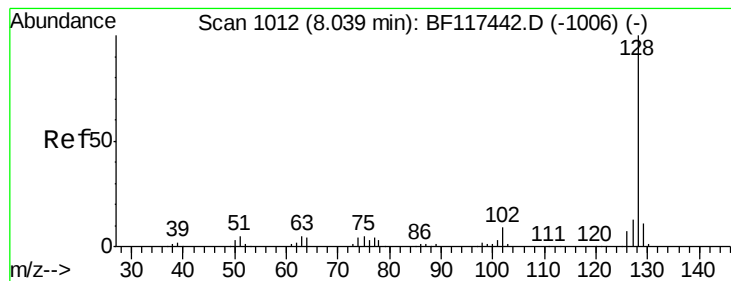
#30
1,2,4-Trichlorobenzene
Concen: 41.698 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	33.1	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: 41.299 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

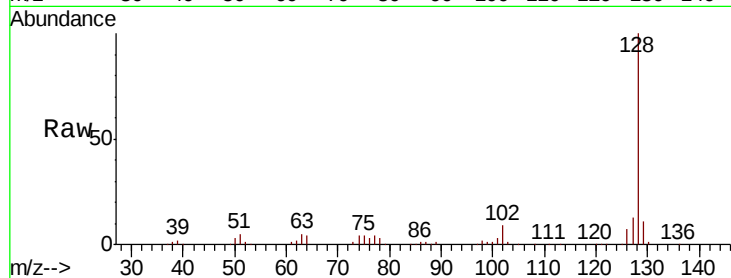
Tot Ion:128 Resp: 397748

Ion Ratio Lower Upper

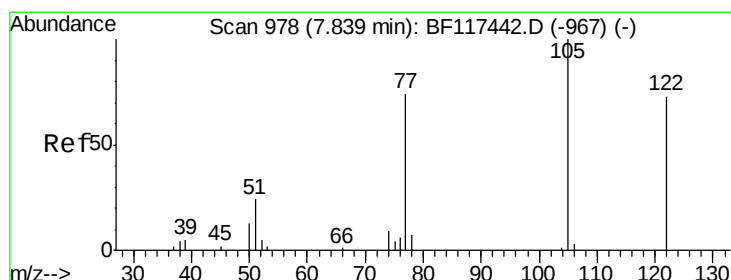
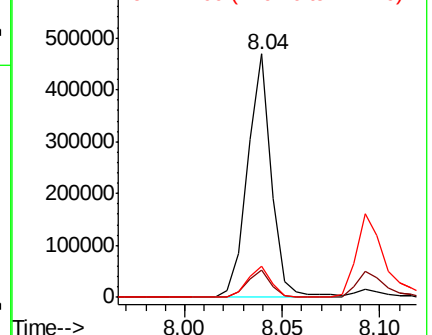
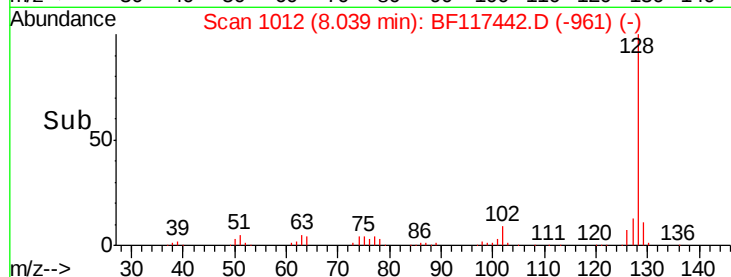
128 100

129 11.2 9.0 13.4

127 12.7 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: 40.562 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

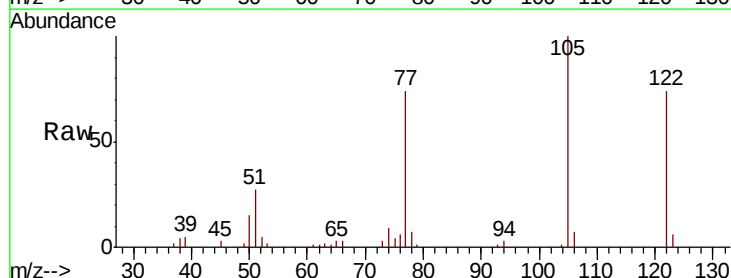
Tgt Ion:122 Resp: 64907

Ion Ratio Lower Upper

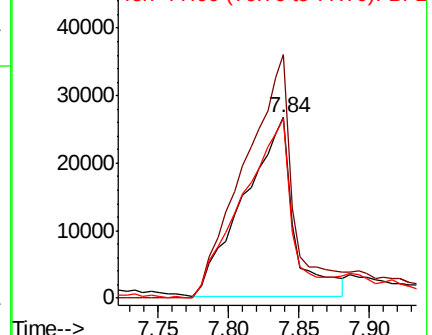
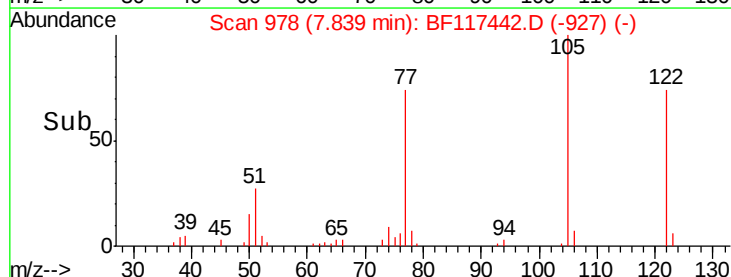
122 100

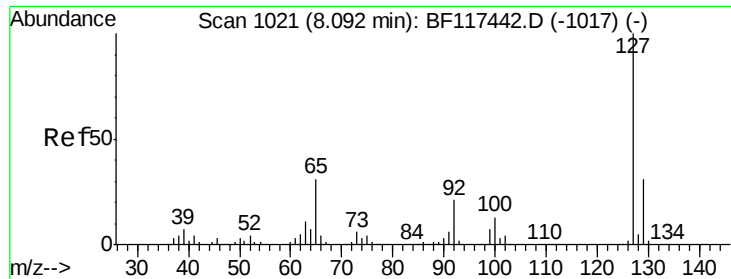
105 135.0 115.0 155.0

77 99.7 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

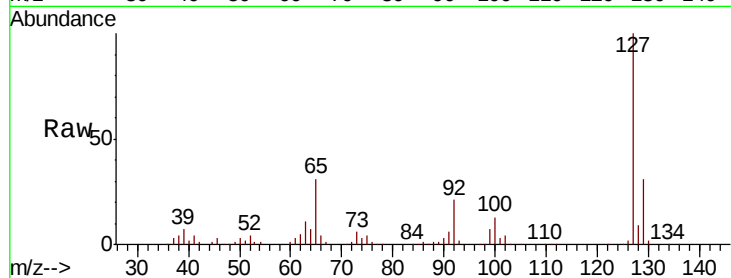




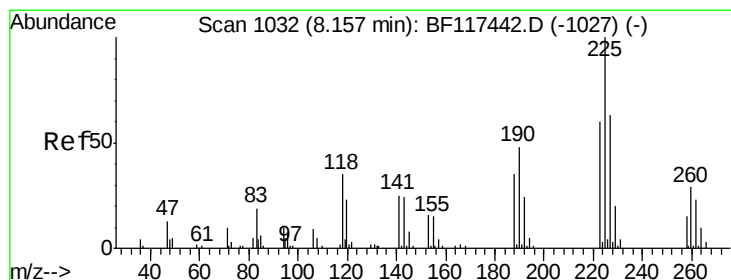
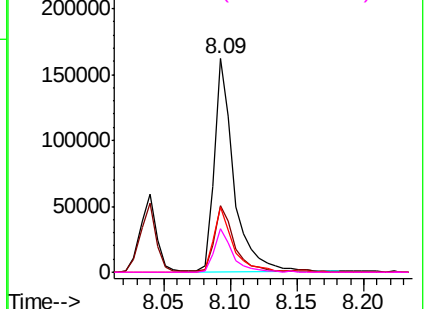
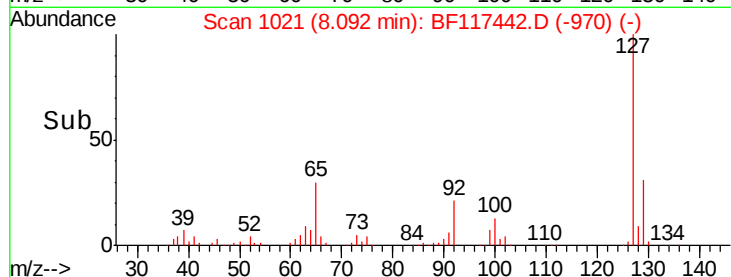
#33
4-Chloroaniline
Concen: 40.791 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	166841
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.8	37.2
65	30.8	24.6	37.0
92	20.6	16.5	24.7

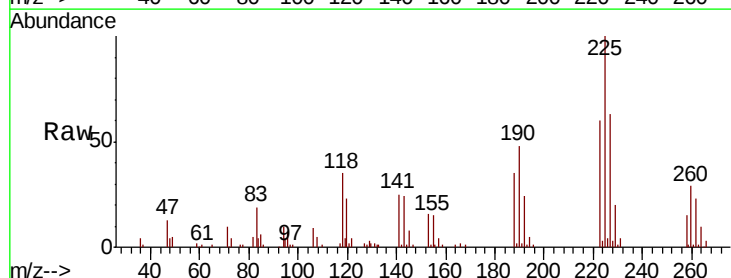


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

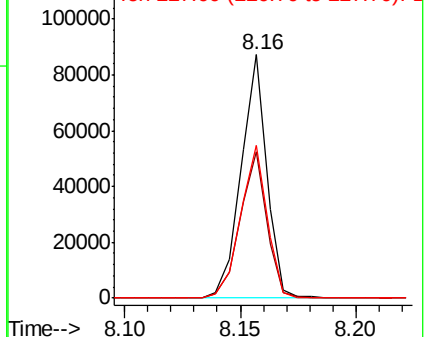
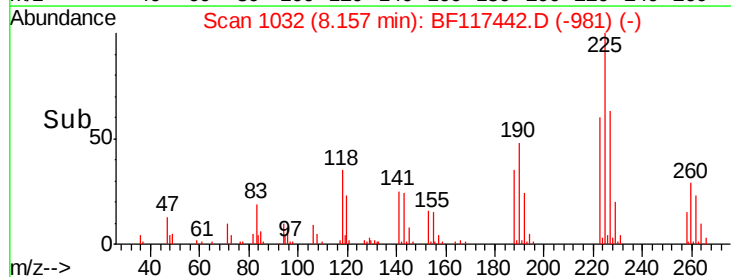


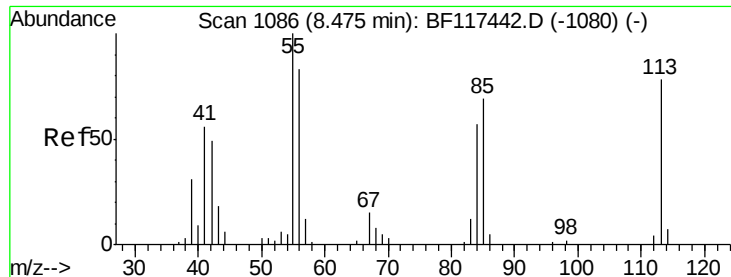
#34
Hexachlorobutadiene
Concen: 41.514 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:	225	Resp:	67964
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.2	72.4
227	62.8	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

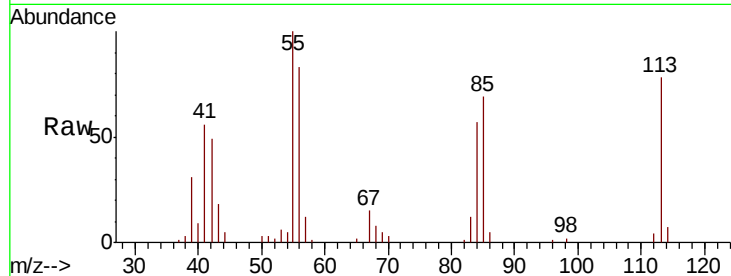




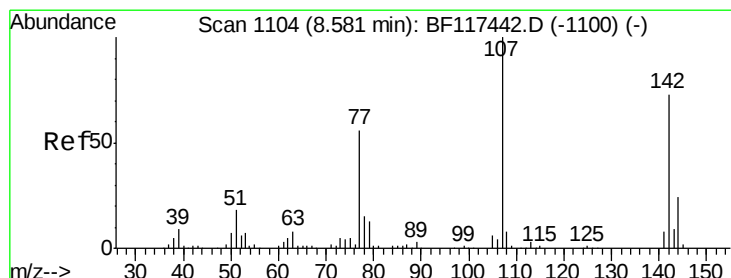
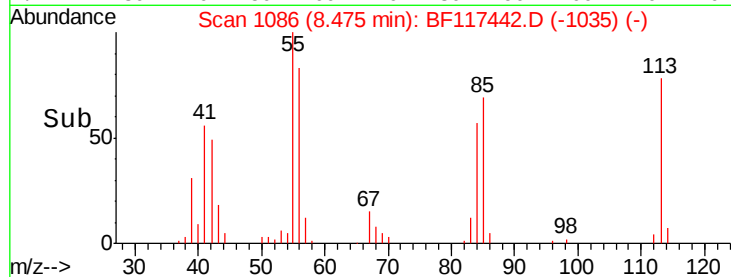
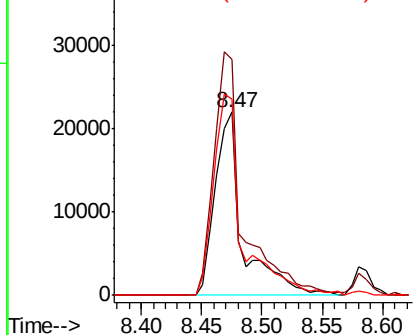
#35
 Caprolactam
 Concen: 41.689 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 34617
 Ion Ratio Lower Upper
 113 100
 55 128.8 108.8 148.8
 56 107.2 87.2 127.2

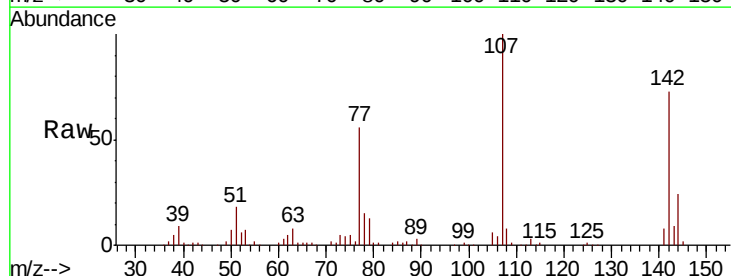


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

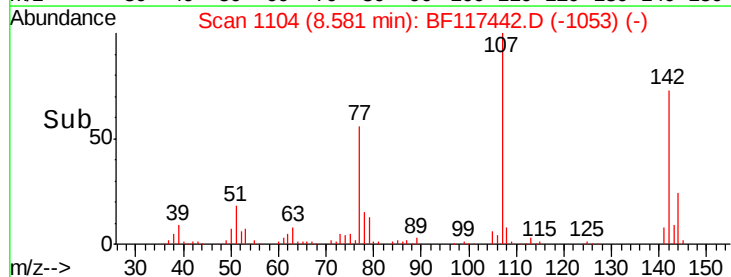
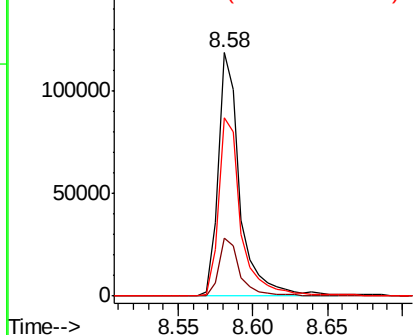


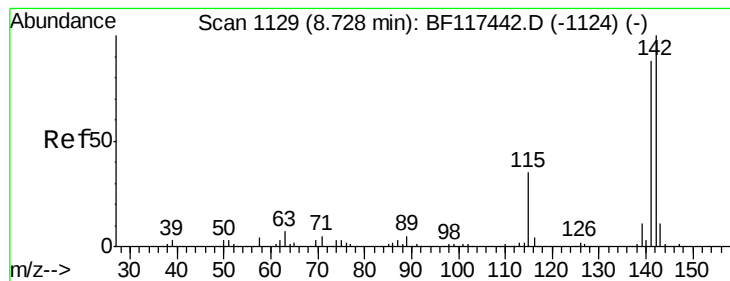
#36
 4-Chloro-3-methylphenol
 Concen: 40.208 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion:107 Resp: 121315
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.9 28.3
 142 73.3 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: 41.269 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

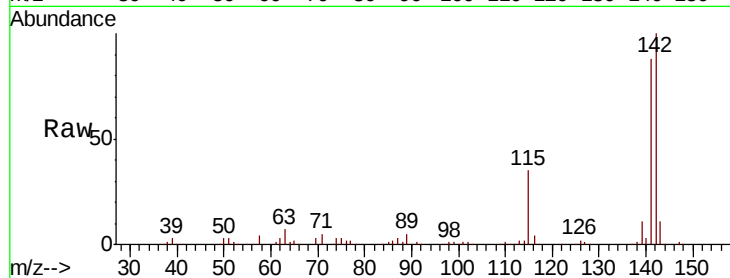
Tot Ion:142 Resp: 268389

Ion Ratio Lower Upper

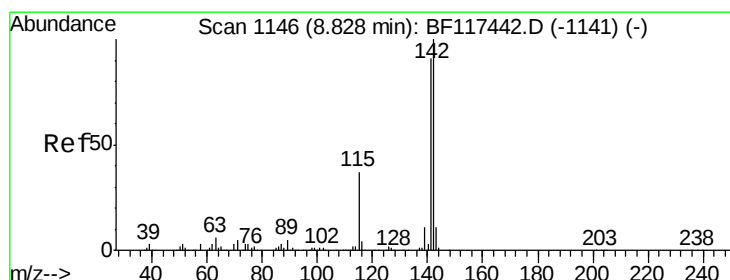
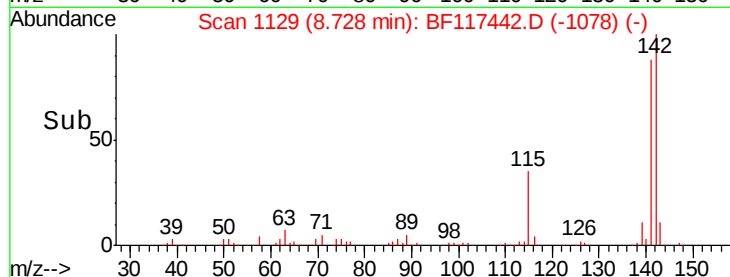
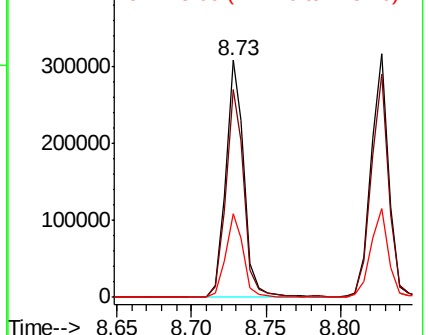
142 100

141 87.9 70.3 105.5

115 35.2 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: 41.429 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

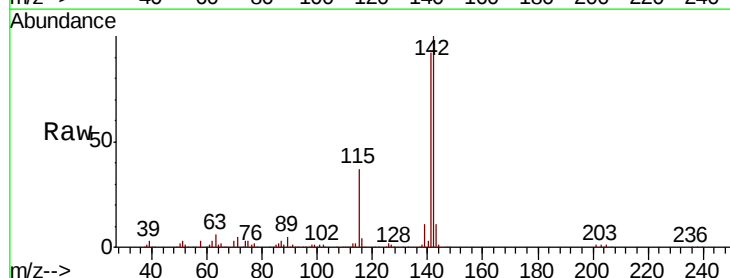
Tgt Ion:142 Resp: 253858

Ion Ratio Lower Upper

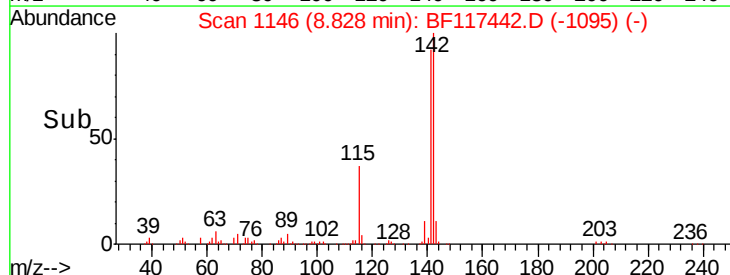
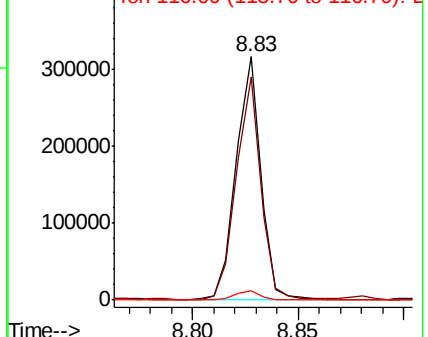
142 100

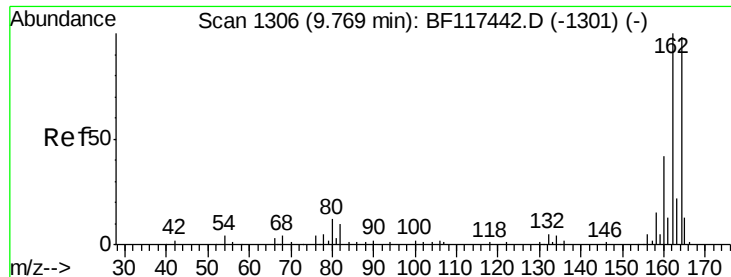
141 91.6 73.3 109.9

116 3.9 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: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

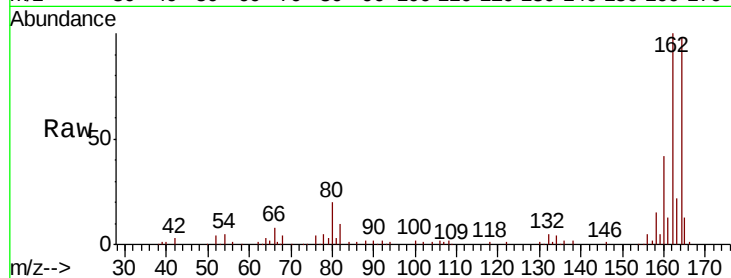
Tot Ion:164 Resp: 97143

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

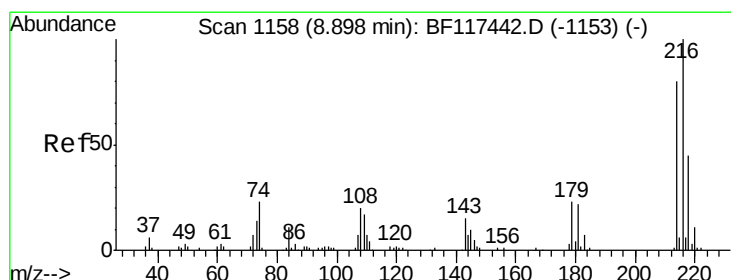
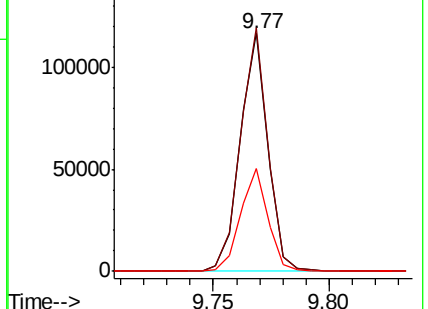
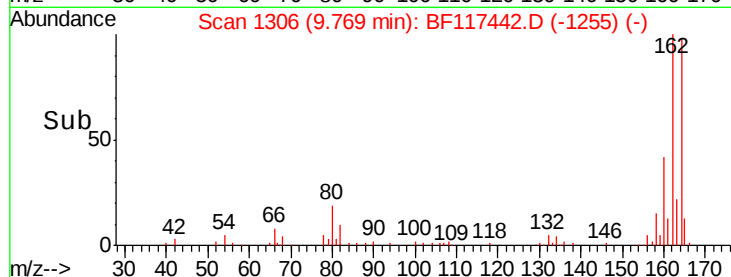
160 43.0 34.4 51.6



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: 42.926 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Tgt Ion:216 Resp: 112228

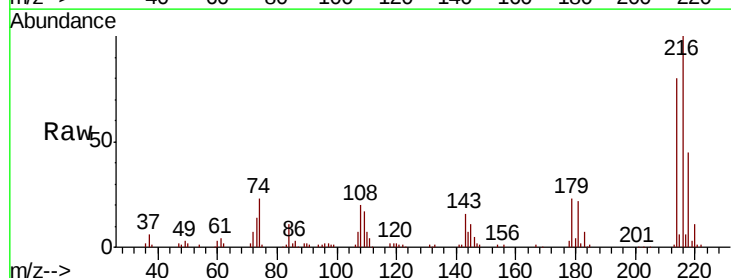
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 22.6 18.1 27.1

108 20.7 16.6 24.8

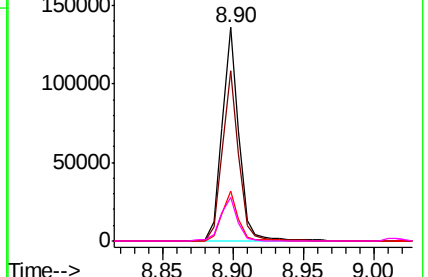
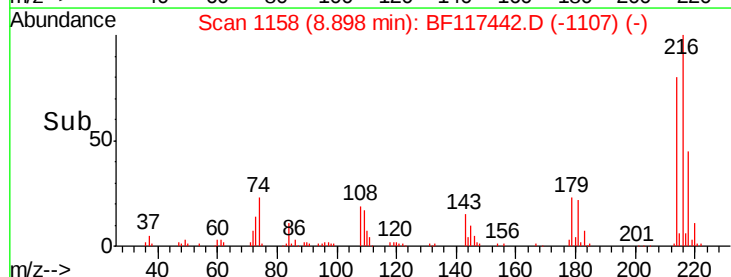


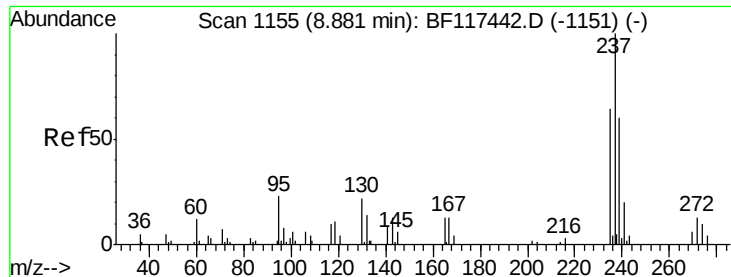
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.033 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

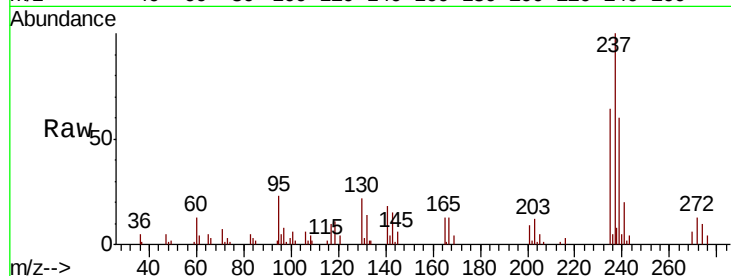
Tot Ion:237 Resp: 20521

Ion Ratio Lower Upper

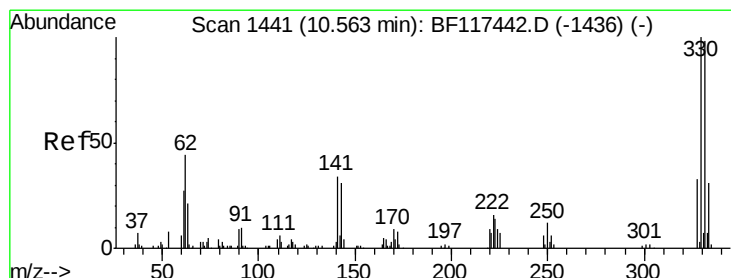
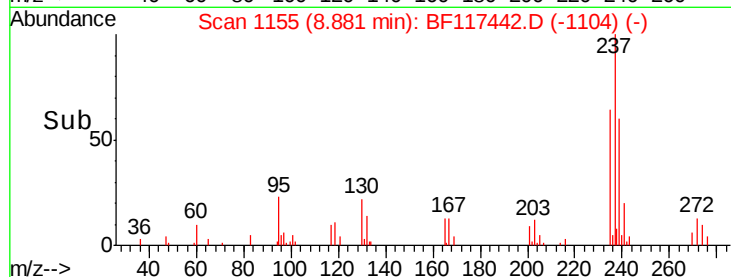
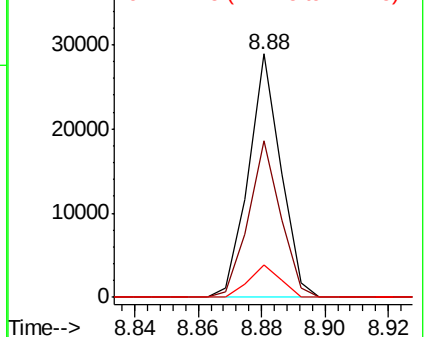
237 100

235 64.3 44.3 84.3

272 13.2 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: 89.041 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

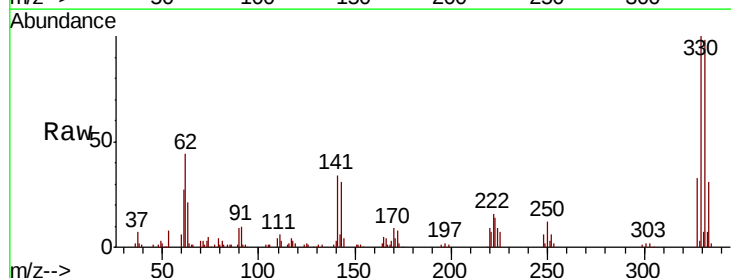
Tgt Ion:330 Resp: 70397

Ion Ratio Lower Upper

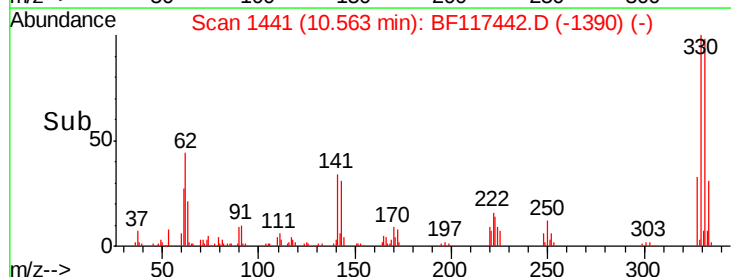
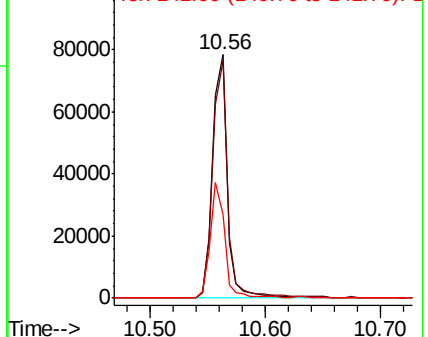
330 100

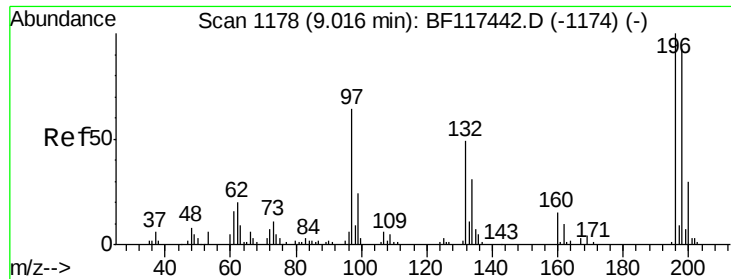
332 98.1 78.5 117.7

141 46.3 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

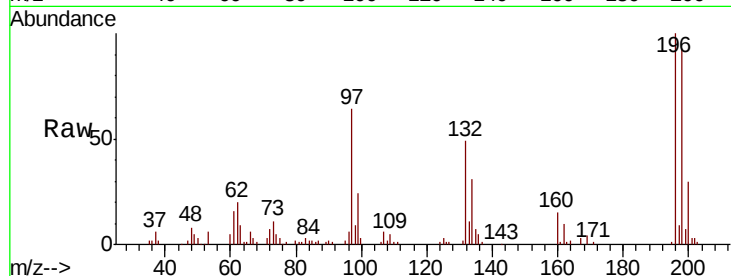




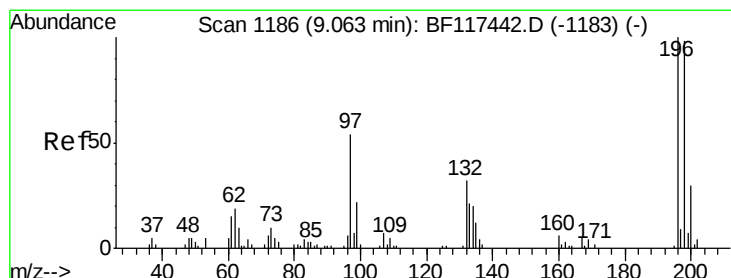
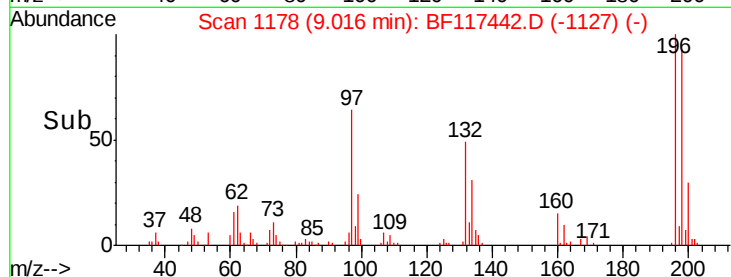
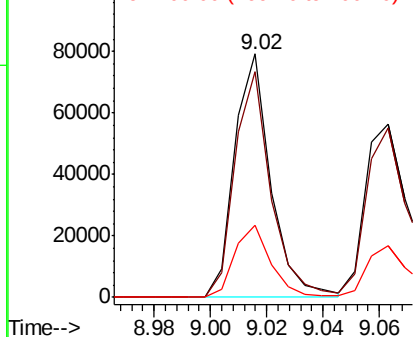
#43
 2,4,6-Trichlorophenol
 Concen: 42.686 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70627
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.1 111.1
 200 29.9 23.9 35.9



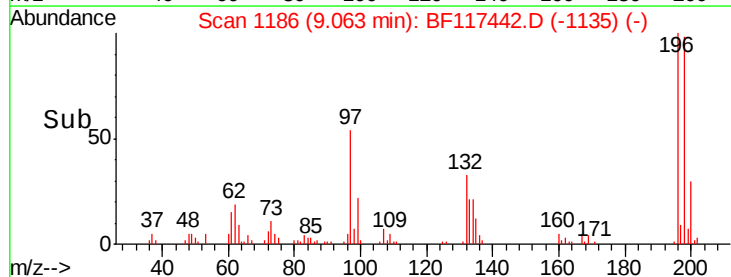
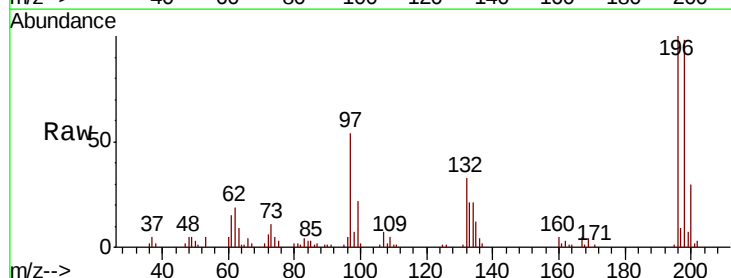
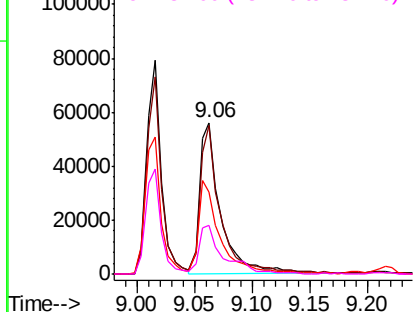
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

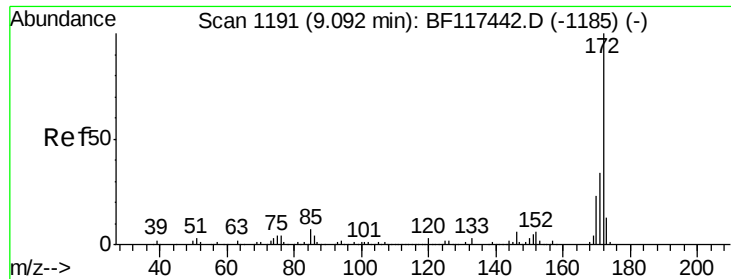


#44
 2,4,5-Trichlorophenol
 Concen: 42.309 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion:196 Resp: 71404
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.6 117.8
 97 54.3 43.4 65.2
 132 32.5 26.0 39.0

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

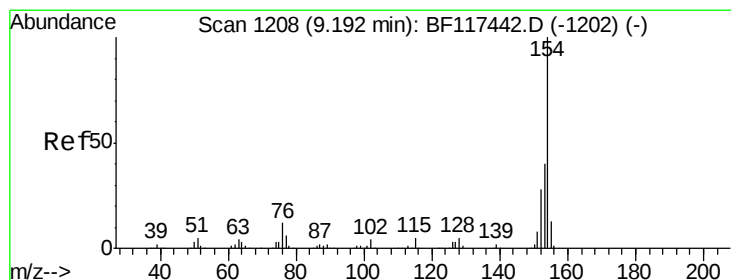
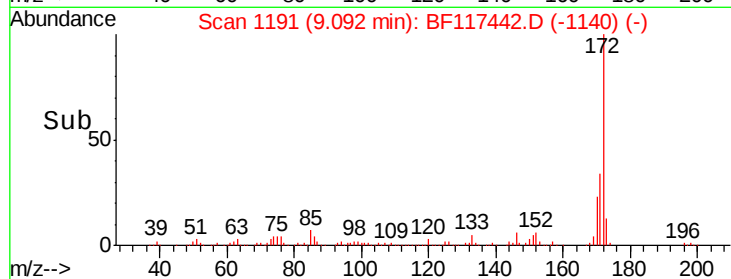
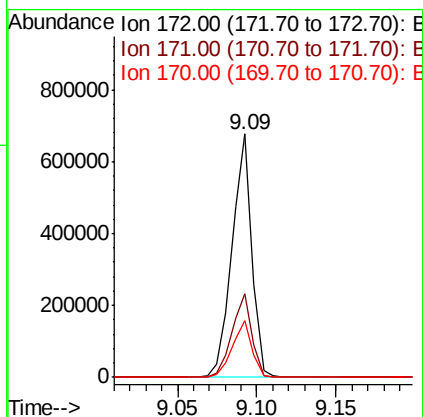
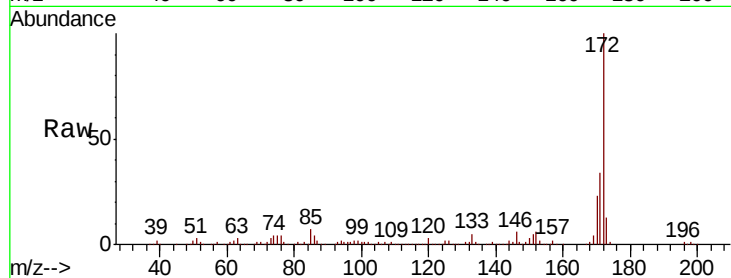




#45
2-Fluorobiphenyl
Concen: 87.955 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

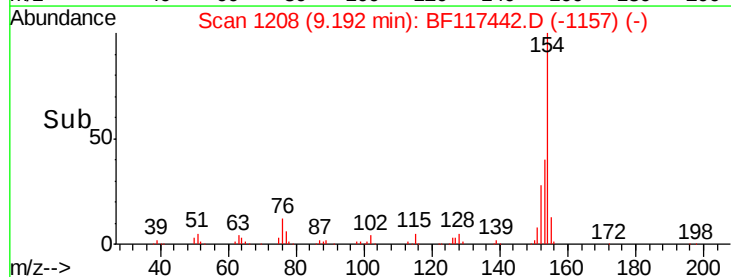
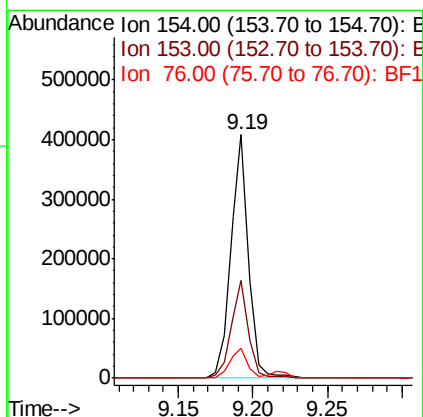
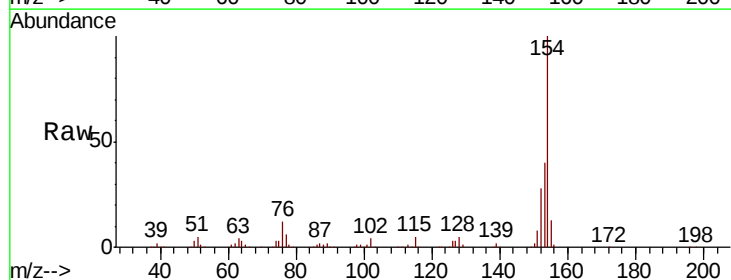
Instrument :
BNA_F
ClientSampleId :

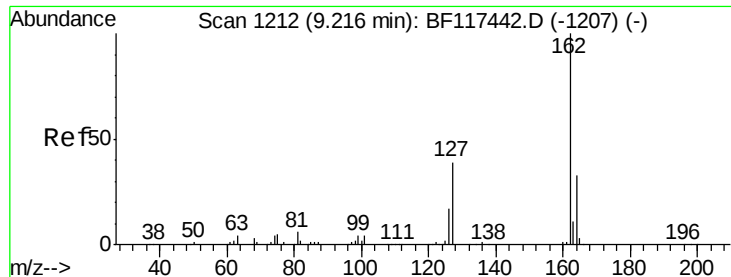
Tot Ion:172 Resp: 586074
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.255 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:154 Resp: 343273
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.1 0.0 32.1

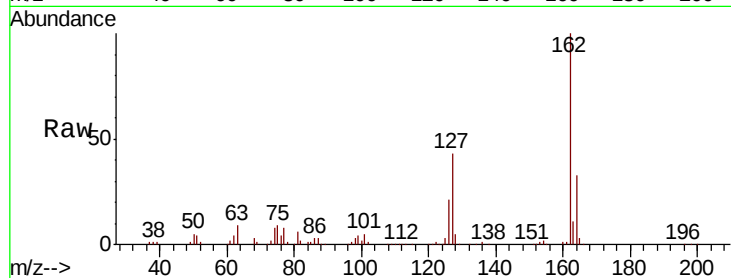




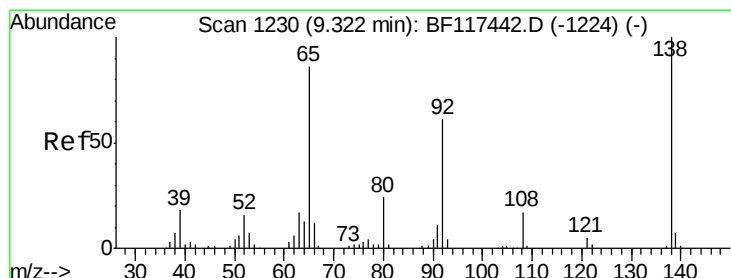
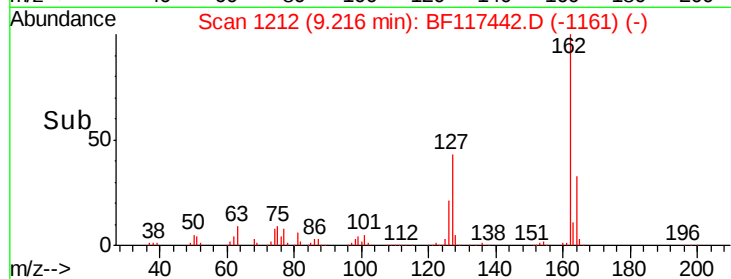
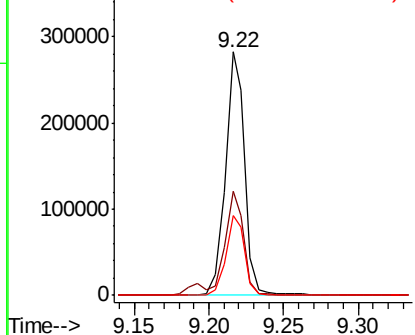
#47
2-Chloronaphthalene
Concen: 41.587 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	34.2	51.4
164	33.0	26.4	39.6

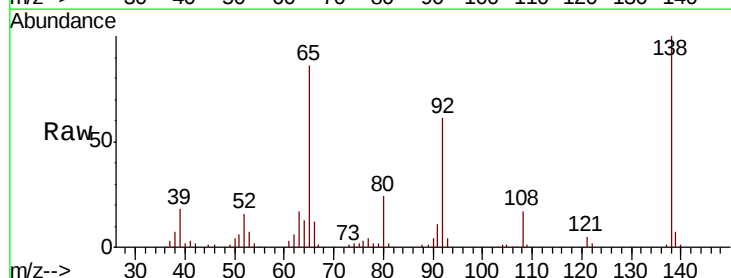


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

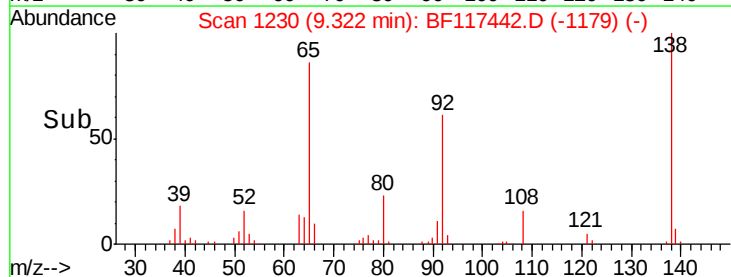
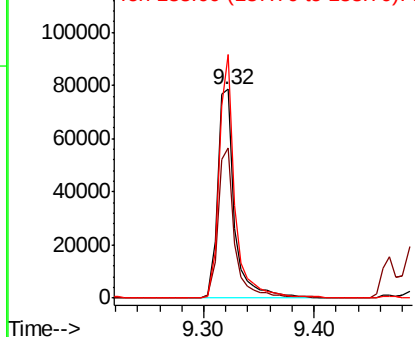


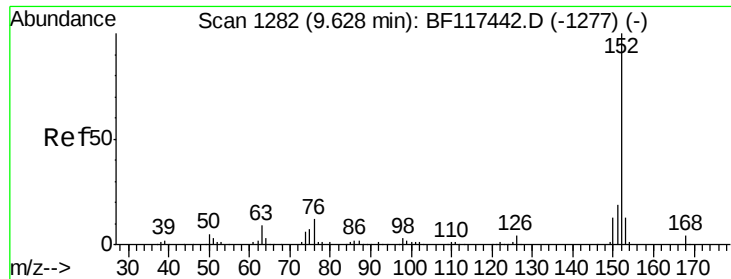
#48
2-Nitroaniline
Concen: 42.872 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.3	85.9
138	116.6	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: 42.348 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

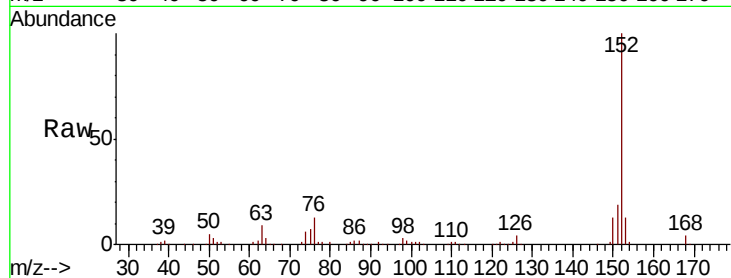
Tot Ion:152 Resp: 384060

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0

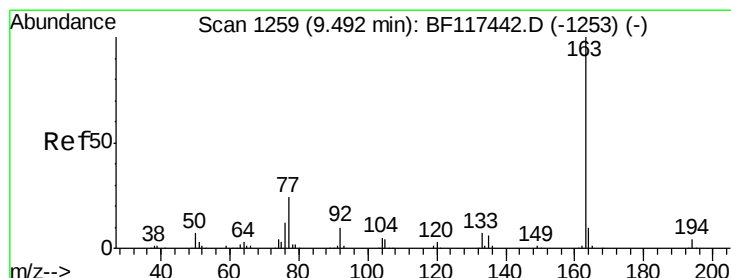
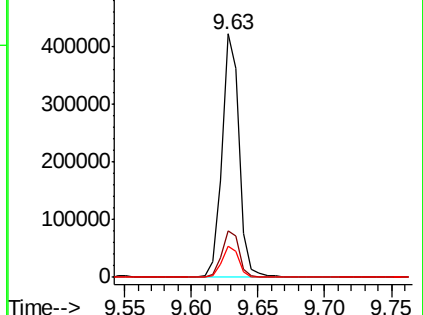
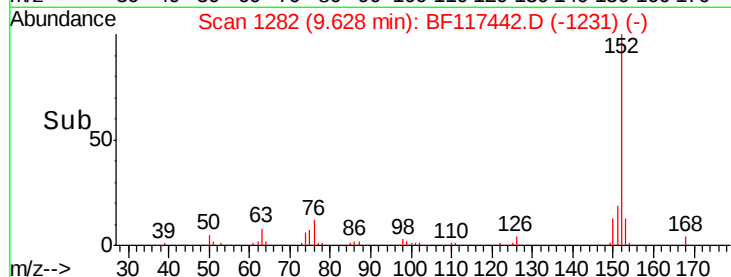
153 12.9 10.3 15.5



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: 41.805 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

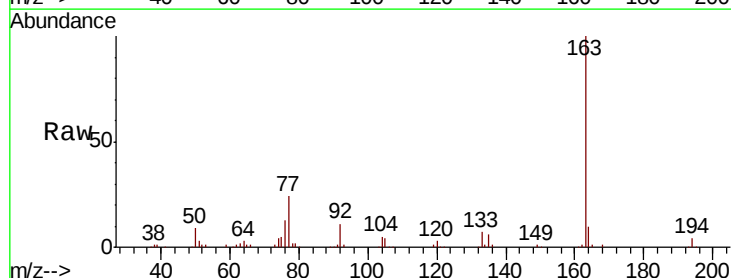
Tgt Ion:163 Resp: 291659

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

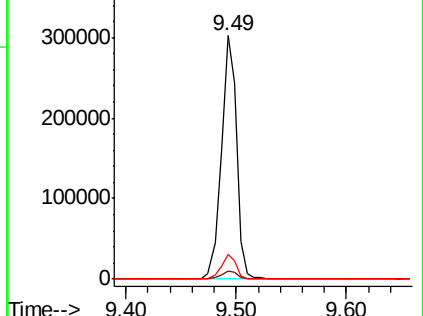
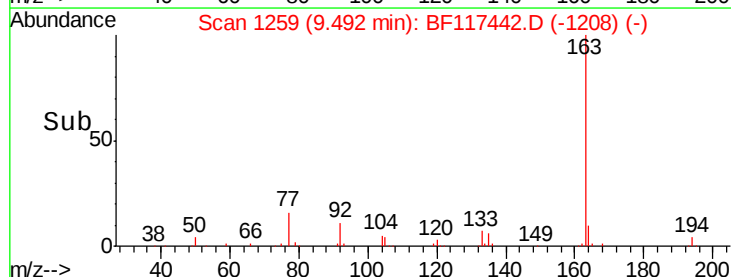
164 10.2 8.2 12.2

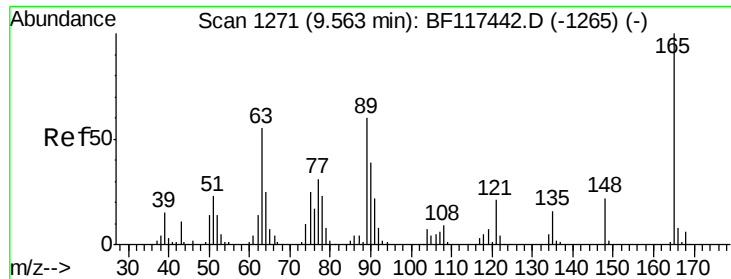


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.335 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

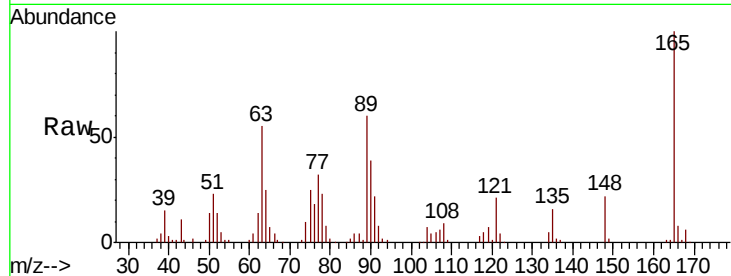
Tot Ion:165 Resp: 62080

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

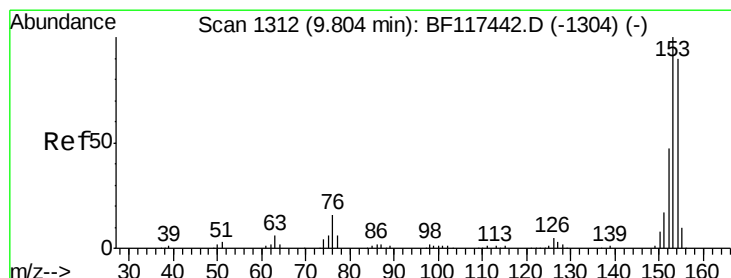
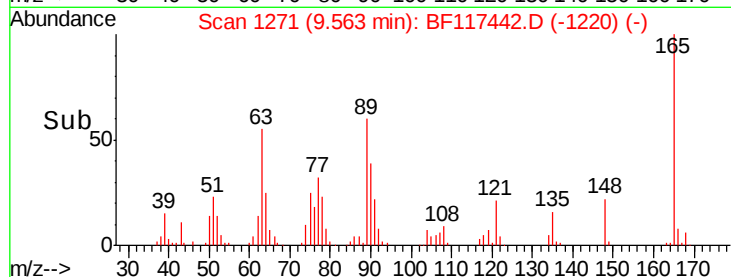
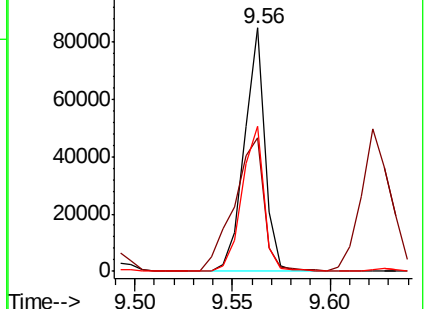
89 59.5 47.6 71.4



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: 41.870 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

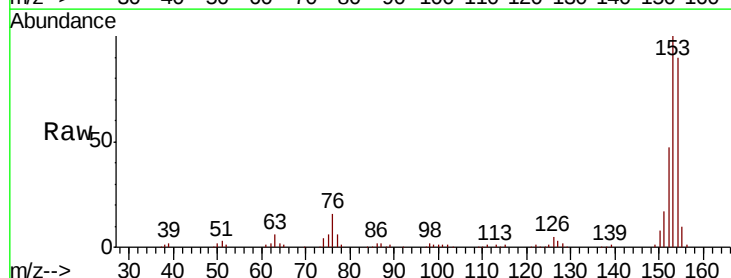
Tgt Ion:154 Resp: 230738

Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

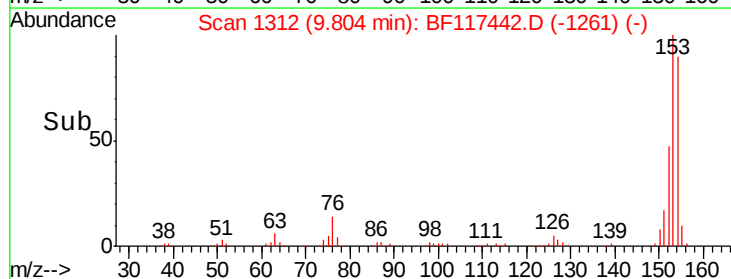
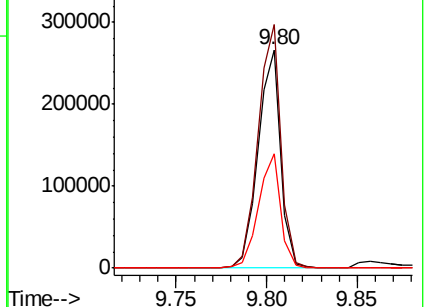
152 52.2 41.8 62.6

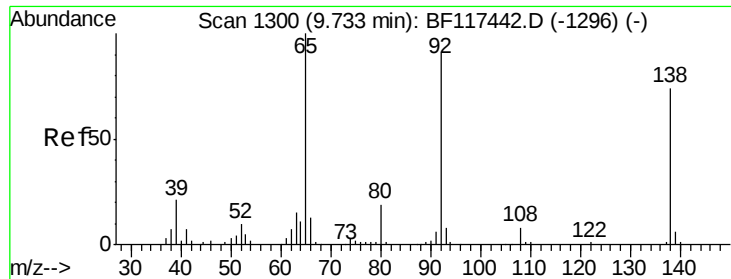


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

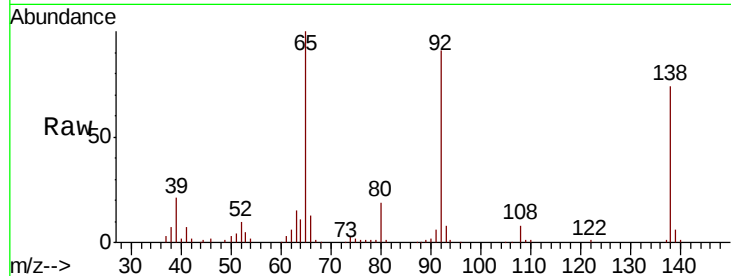




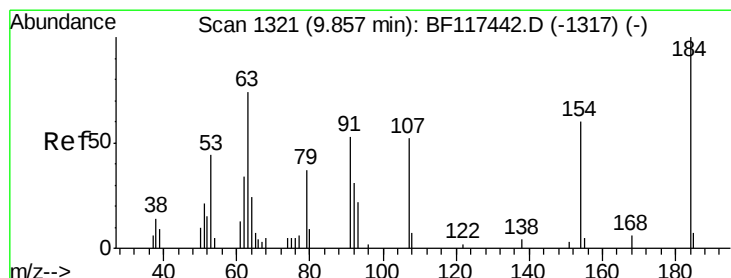
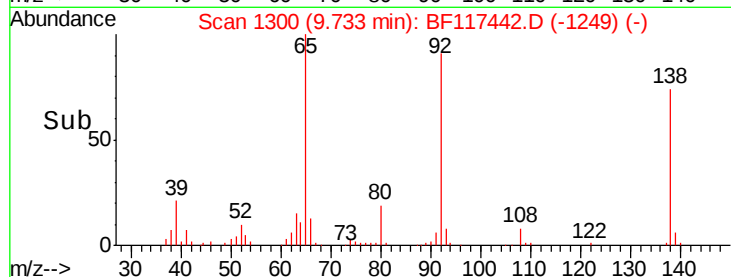
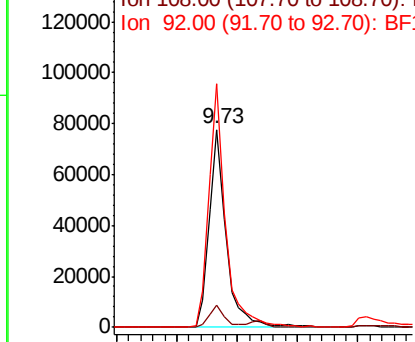
#53
3-Nitroaniline
Concen: 42.365 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 75865
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 123.0 98.4 147.6

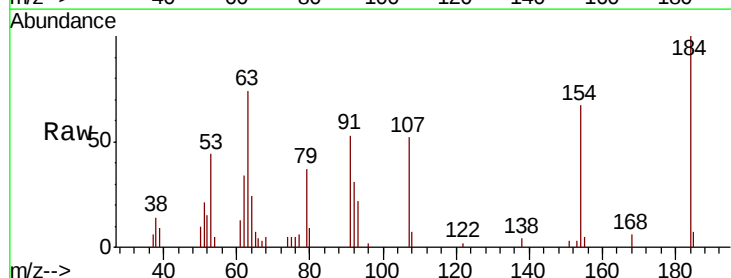


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

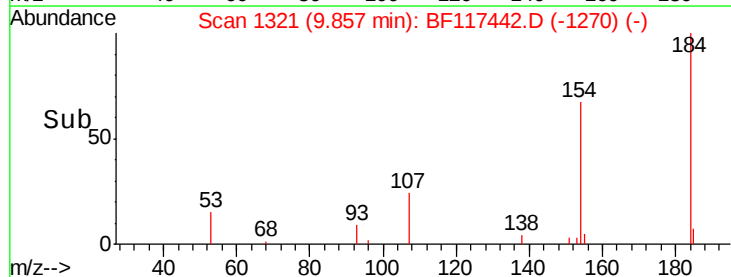
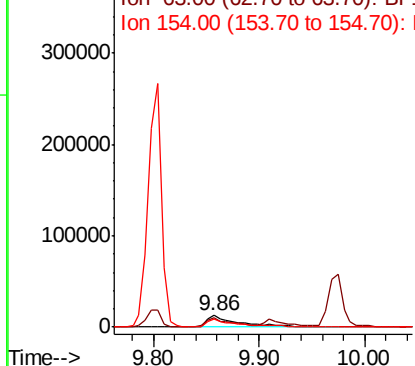


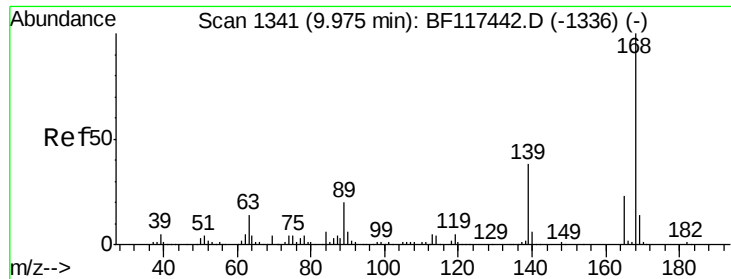
#54
2,4-Dinitrophenol
Concen: 47.059 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:184 Resp: 26440
Ion Ratio Lower Upper
184 100
63 74.0 59.2 88.8
154 66.7 53.4 80.0



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

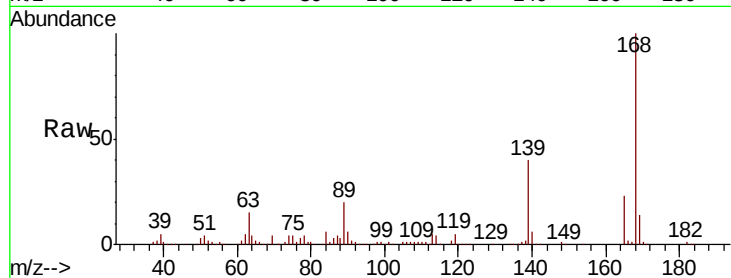




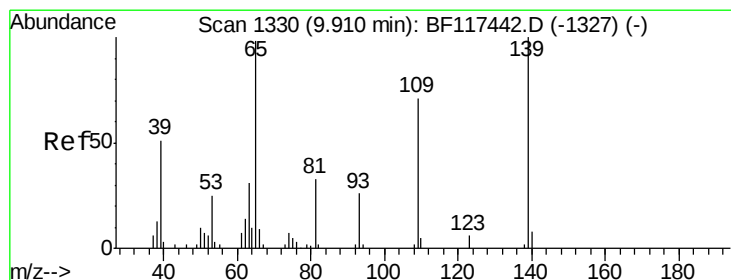
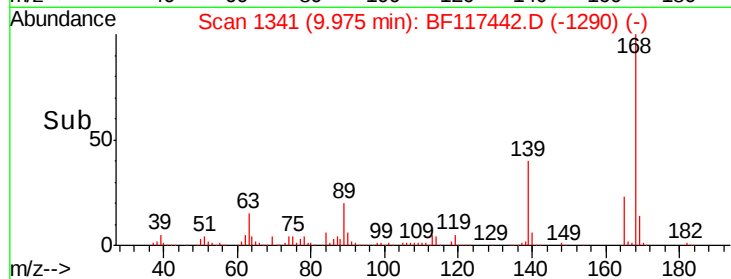
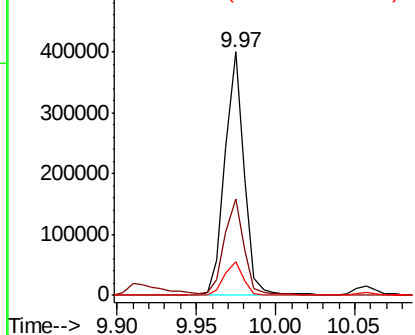
#55
Dibenzofuran
Concen: 41.901 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 336835
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6
169 14.0 11.2 16.8

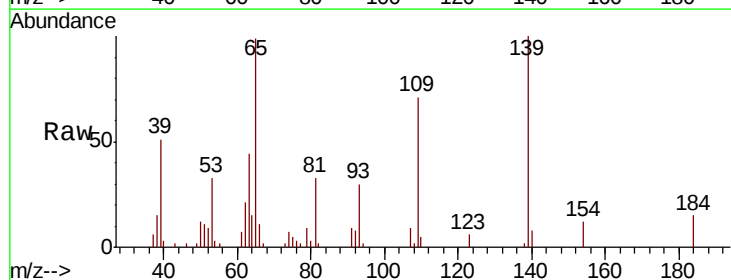


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

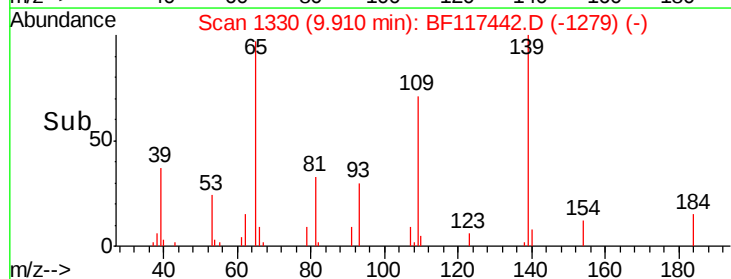
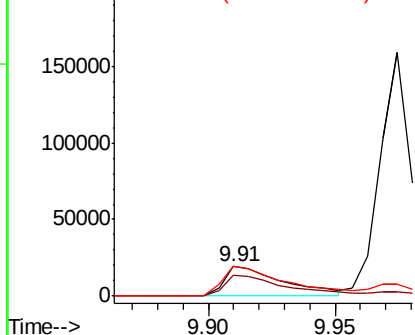


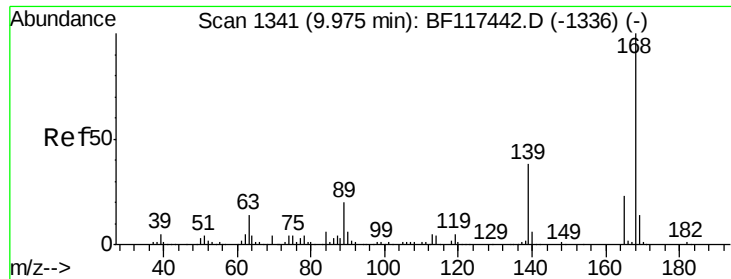
#56
4-Nitrophenol
Concen: 44.186 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:139 Resp: 31489
Ion Ratio Lower Upper
139 100
109 71.4 51.4 91.4
65 99.4 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

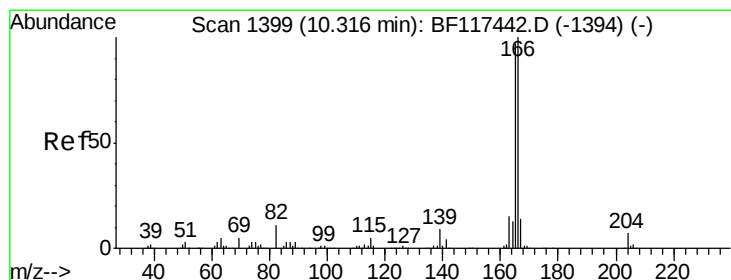
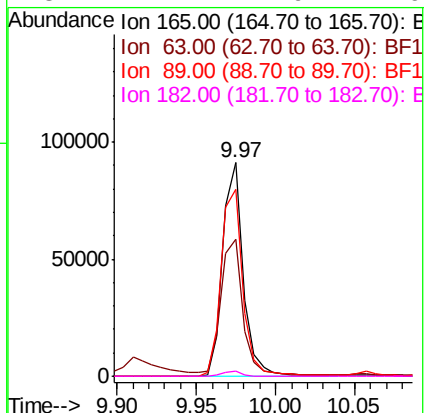
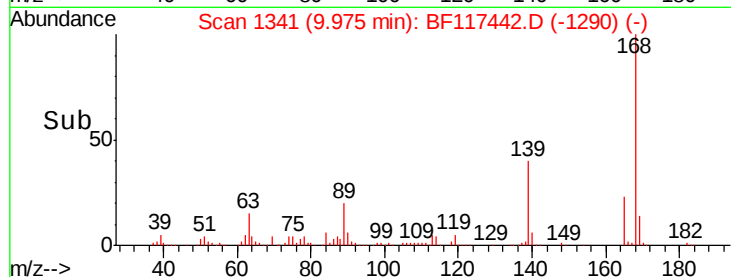
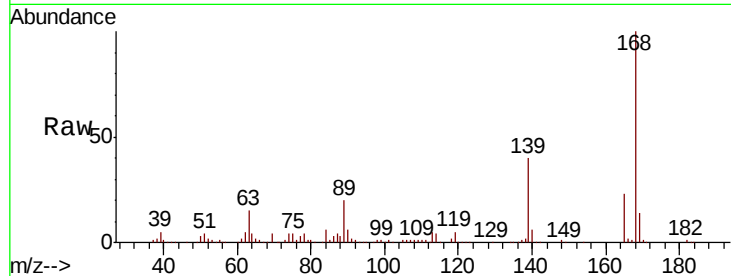




#57
2,4-Dinitrotoluene
Concen: 42.485 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

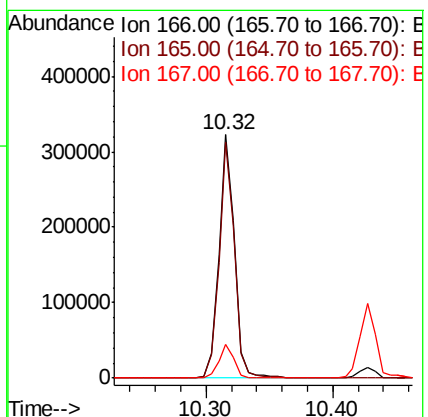
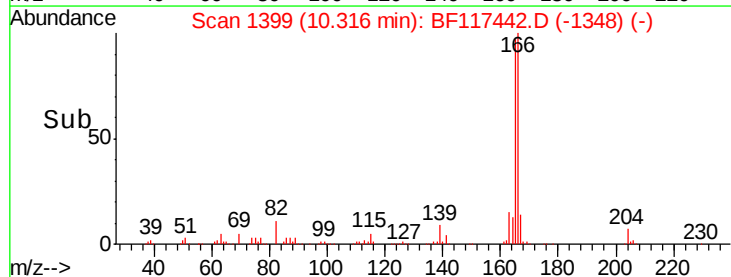
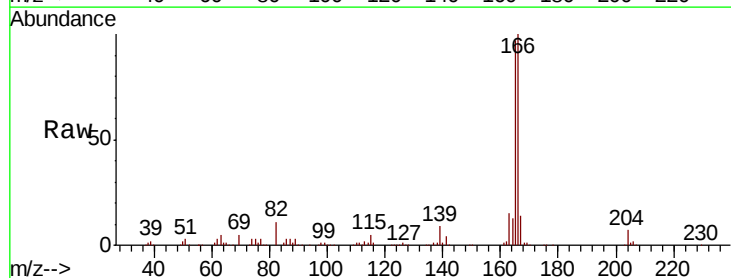
Instrument :
BNA_F
ClientSampled :

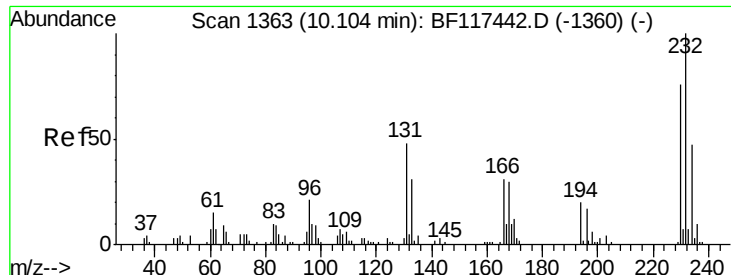
Tot Ion:165 Resp: 82205
Ion Ratio Lower Upper
165 100
63 64.2 51.4 77.0
89 87.4 69.9 104.9
182 2.4 1.9 2.9



#58
Fluorene
Concen: 41.644 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:166 Resp: 278743
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.7 11.0 16.4

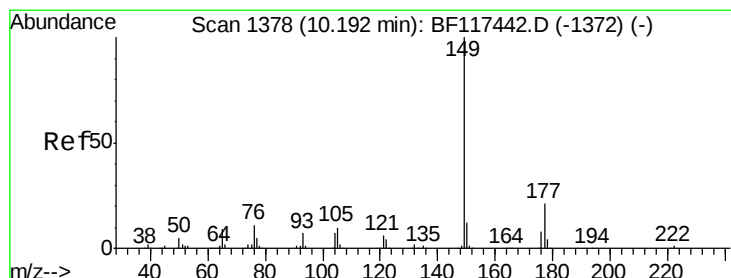
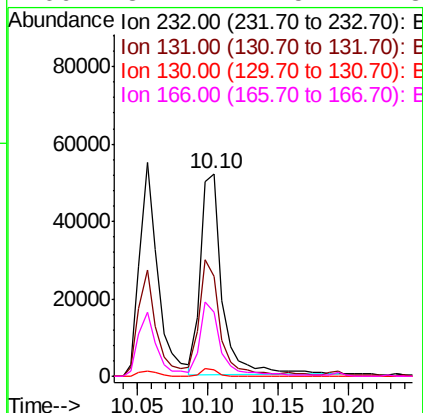
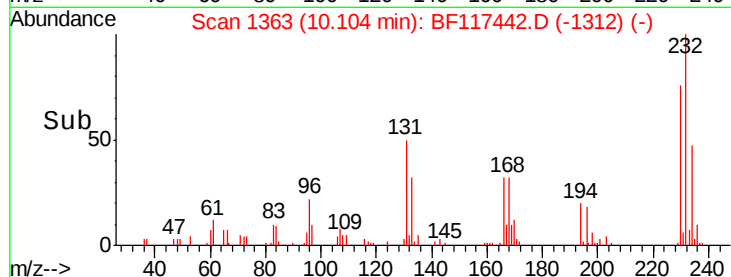
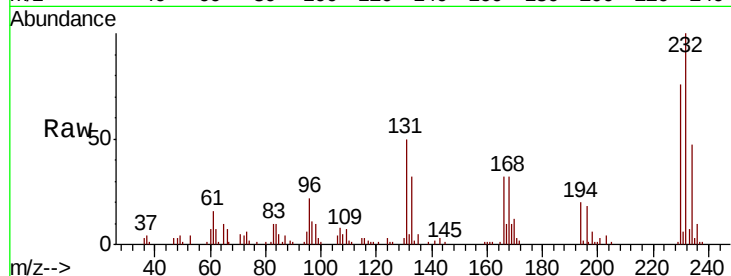




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.881 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

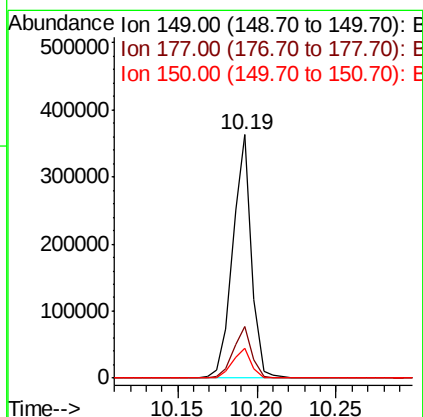
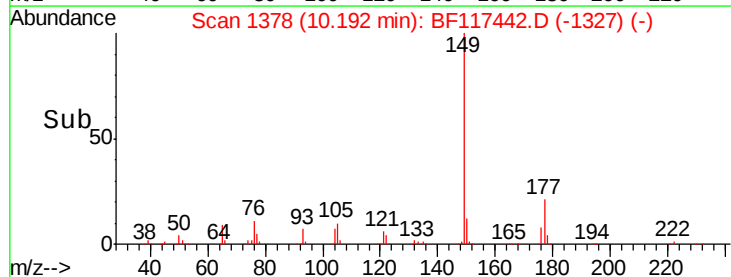
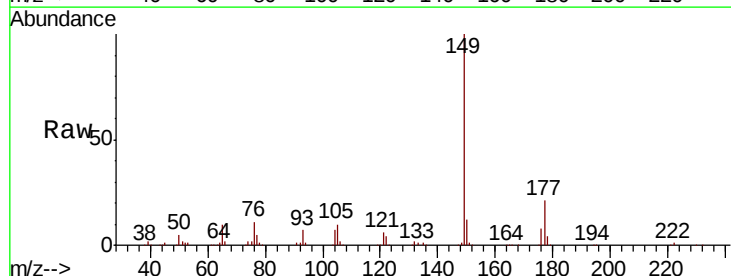
Instrument :
BNA_F
ClientSampleId :

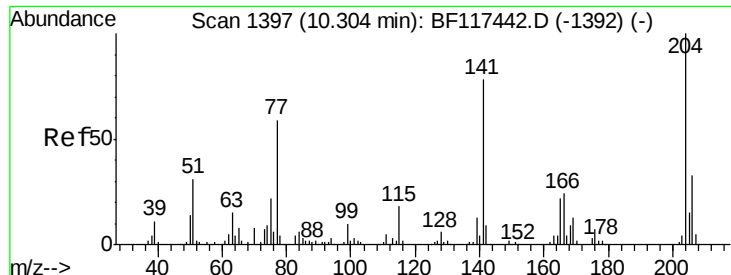
Tot Ion	Ratio	Lower	Upper
232	100		
131	53.2	42.6	63.8
130	2.8	2.2	3.4
166	34.4	27.5	41.3



#60
Diethylphthalate
Concen: 42.091 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.4
150	12.2	9.8	14.6

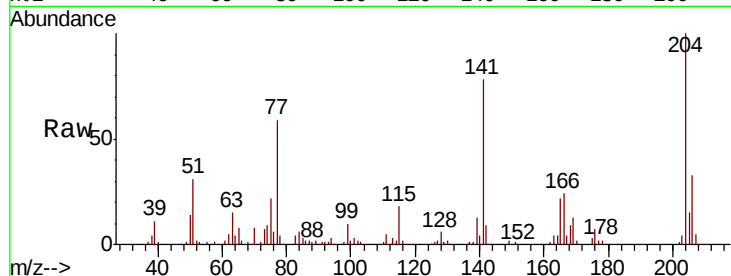




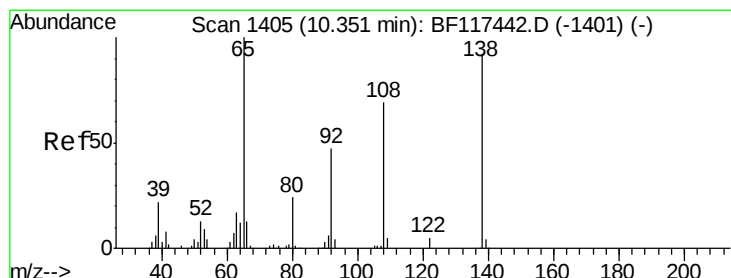
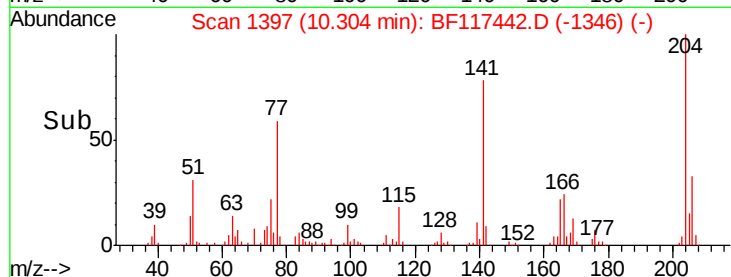
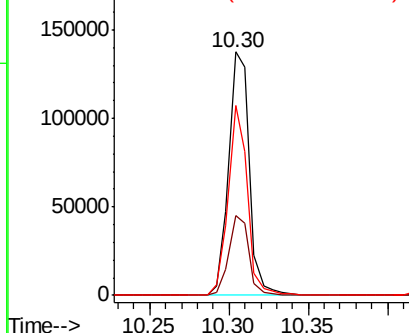
#61
4-Chlorophenyl-phenylether
Concen: 42.087 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 124724
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 77.8 62.2 93.4

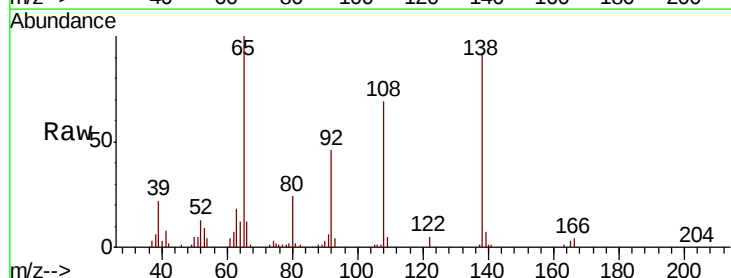


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

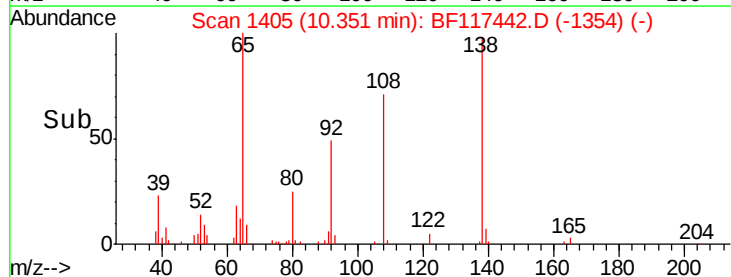
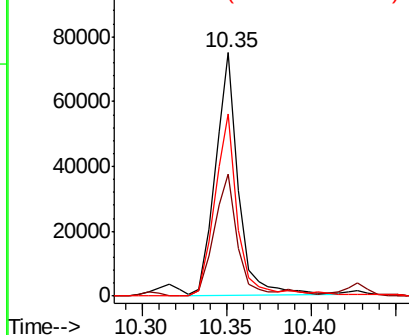


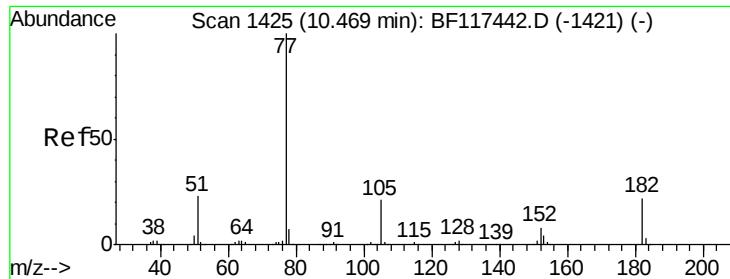
#62
4-Nitroaniline
Concen: 41.670 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:138 Resp: 70931
Ion Ratio Lower Upper
138 100
92 50.3 30.3 70.3
108 74.9 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

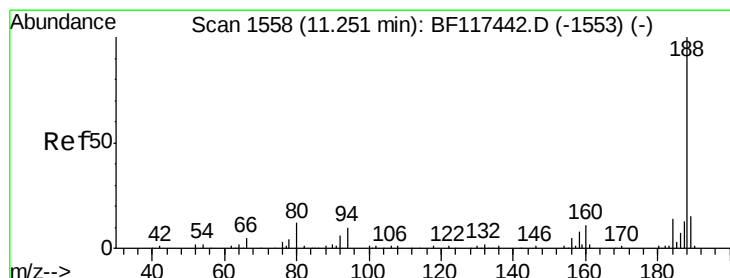
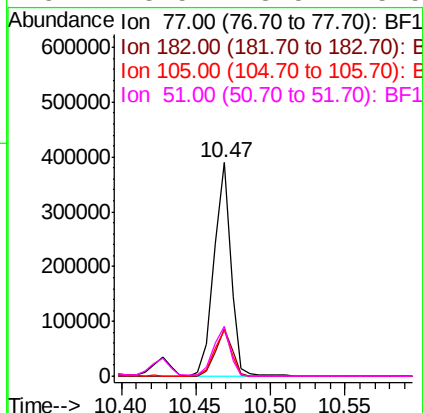
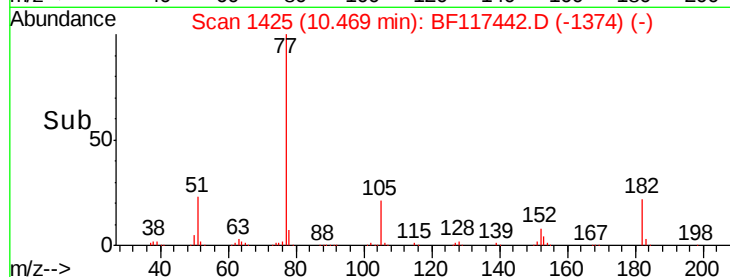
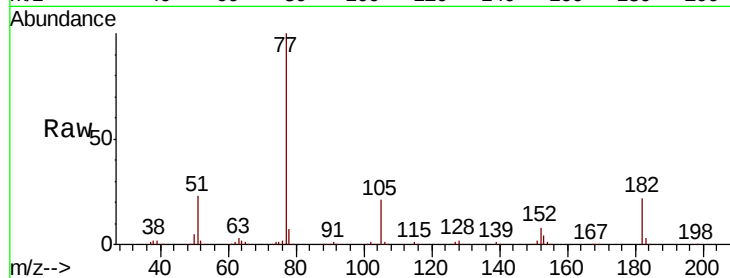




#63
Azobenzene
Concen: 42.248 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

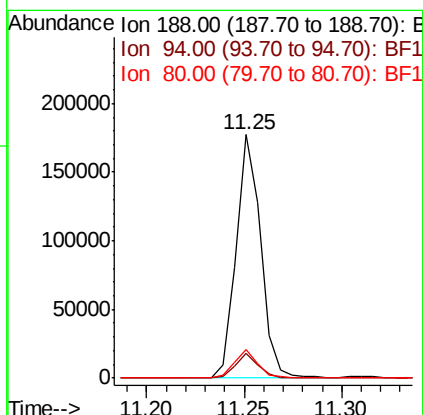
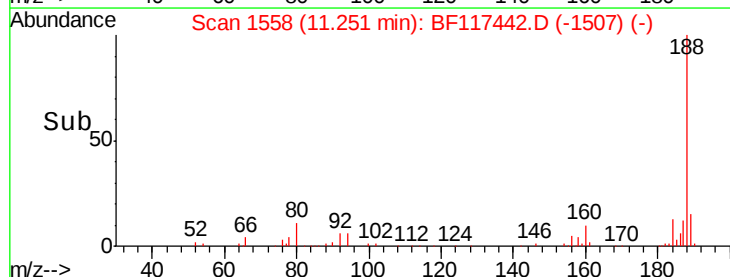
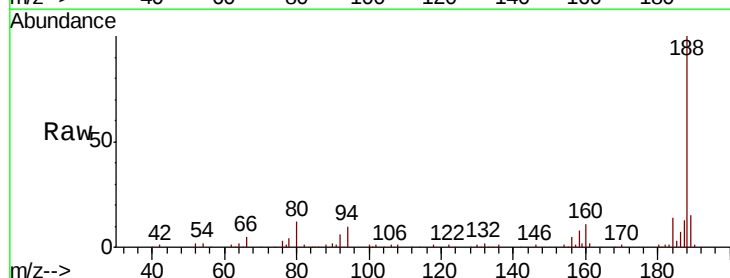
Instrument :
BNA_F
ClientSampleId :

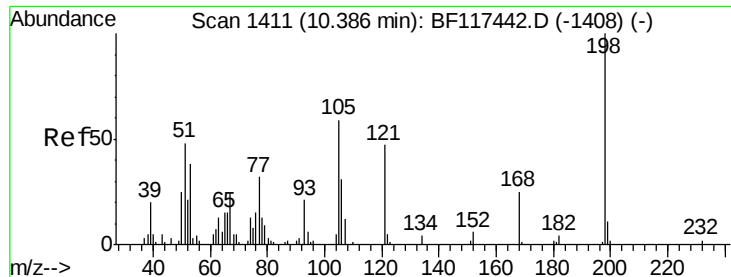
Tot Ion:	77	Resp:	304854
Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.3	42.3
105	21.3	1.3	41.3
51	23.5	3.5	43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:	188	Resp:	154788
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	11.9	9.5	14.3

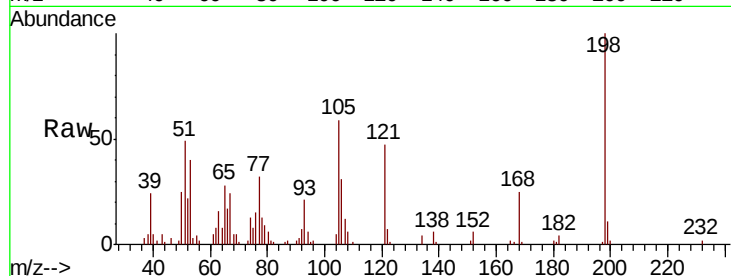




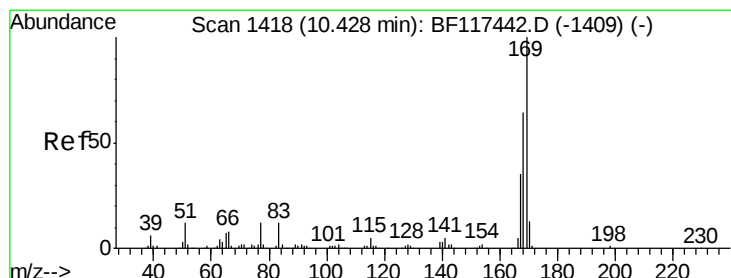
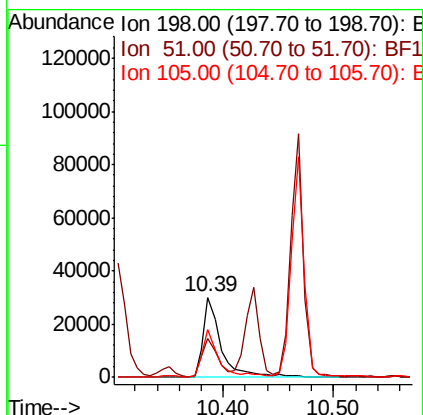
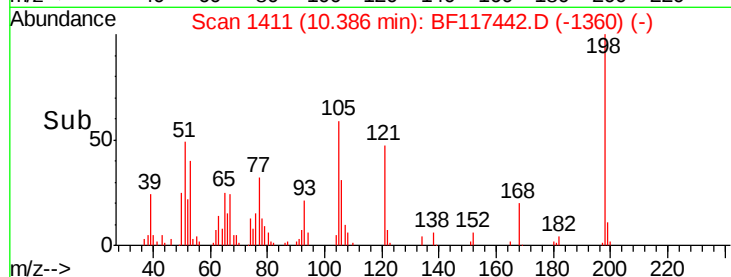
#65
4,6-Dinitro-2-methylphenol
Concen: 42.701 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 33202
Ion Ratio Lower Upper
198 100
51 49.1 29.1 69.1
105 59.4 39.4 79.4

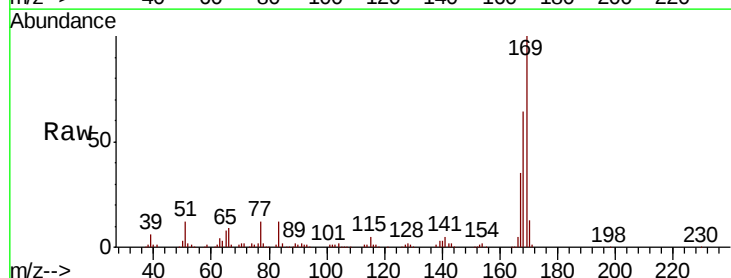


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

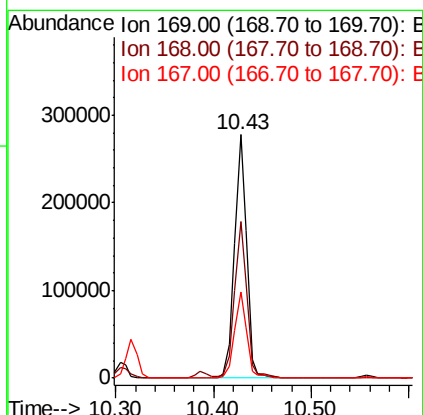
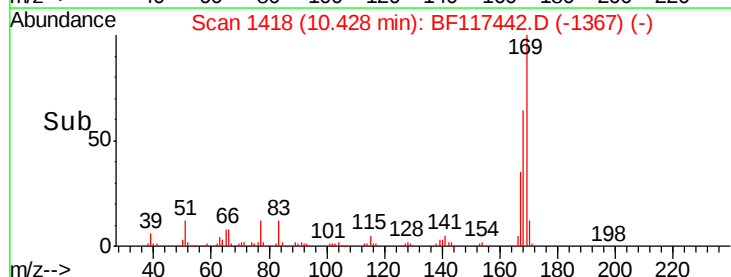


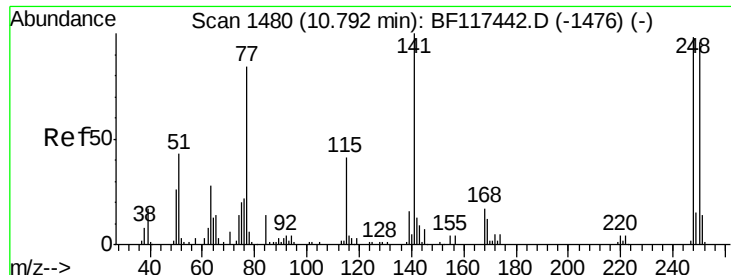
#66
n-Nitrosodiphenylamine
Concen: 41.566 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:169 Resp: 240355
Ion Ratio Lower Upper
169 100
168 64.1 51.3 76.9
167 35.3 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

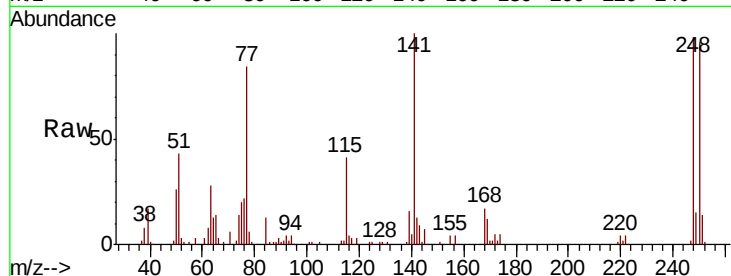




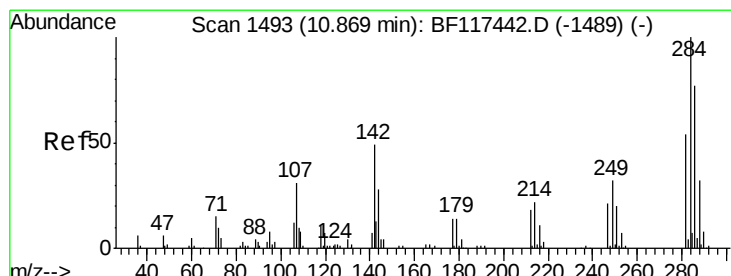
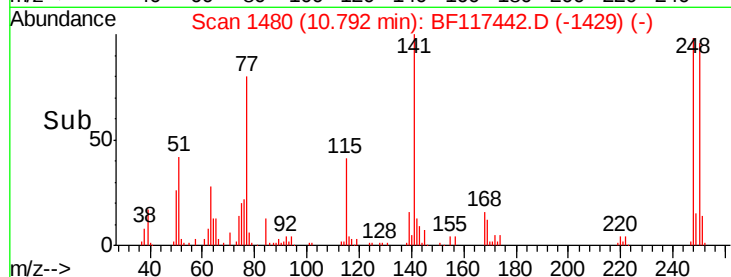
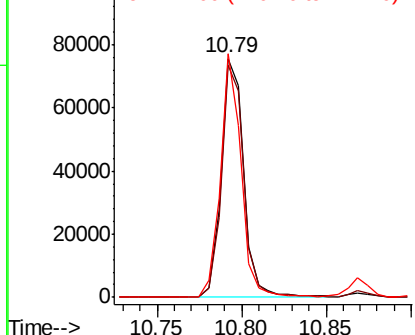
#67
 4-Bromophenyl-phenylether
 Concen: 41.291 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 70102
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.0 117.0
 141 102.1 81.7 122.5

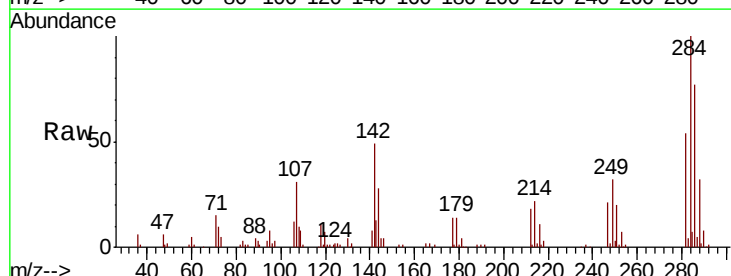


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

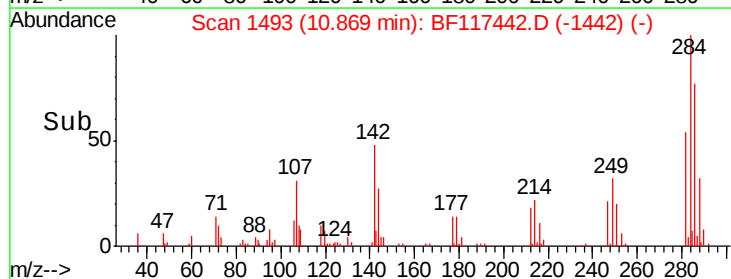
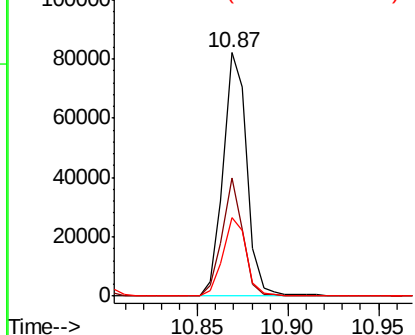


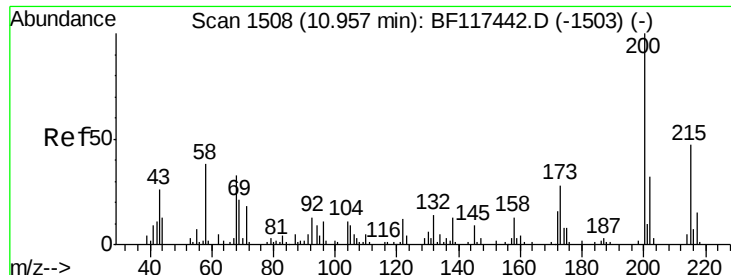
#68
 Hexachlorobenzene
 Concen: 40.995 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion:284 Resp: 74746
 Ion Ratio Lower Upper
 284 100
 142 48.8 39.0 58.6
 249 32.1 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

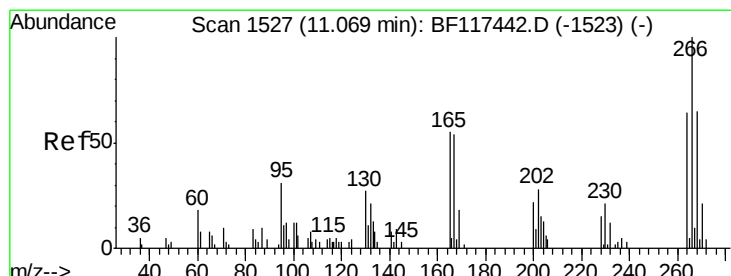
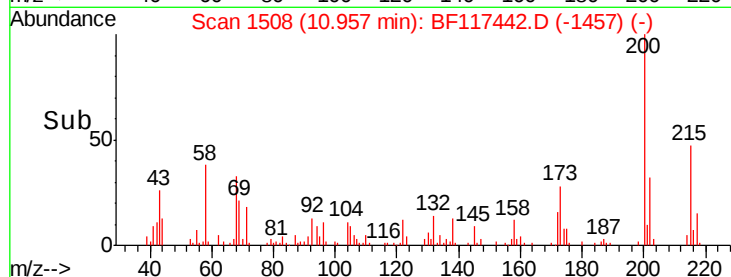
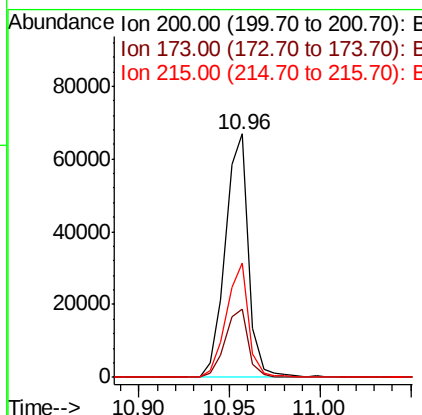
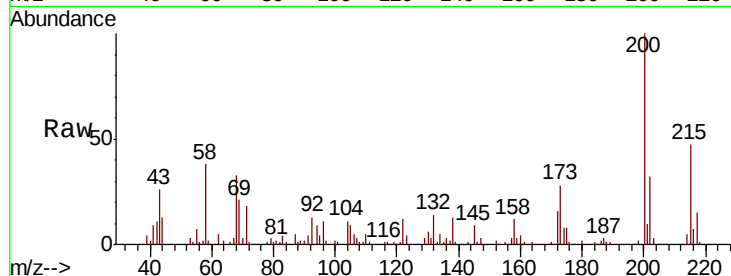




#69
Atrazine
Concen: 63.729 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

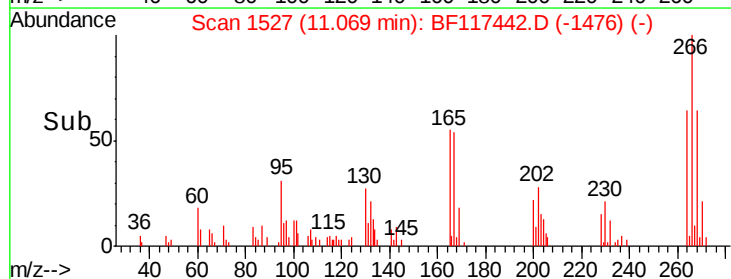
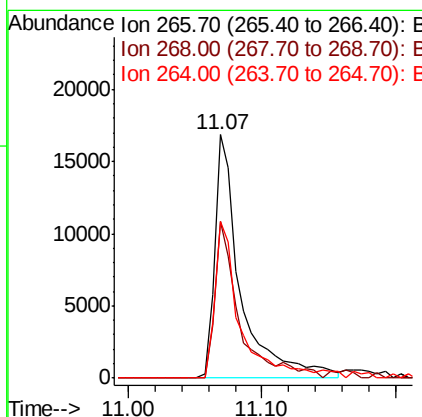
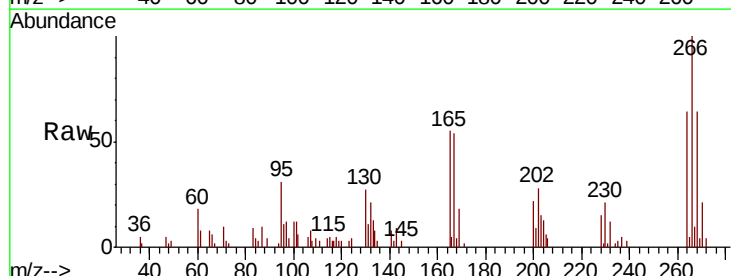
Instrument :
BNA_F
ClientSampleId :

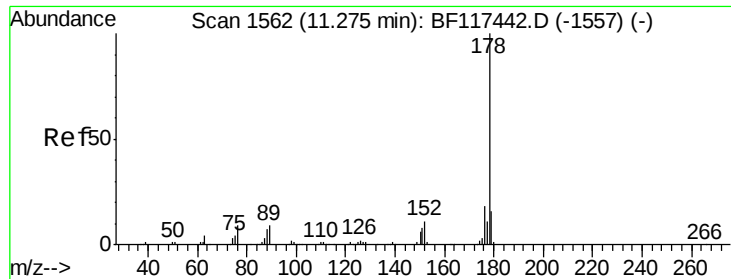
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.2	48.2
215	46.8	26.8	66.8



#70
Pentachlorophenol
Concen: 42.272 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.6	77.4
264	64.3	51.4	77.2





#71

Phenanthrene

Concen: 41.604 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

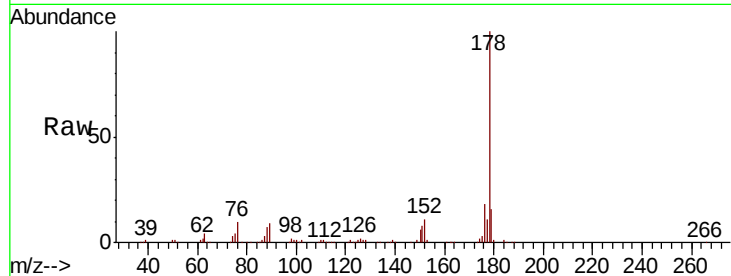
Tot Ion:178 Resp: 380688

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

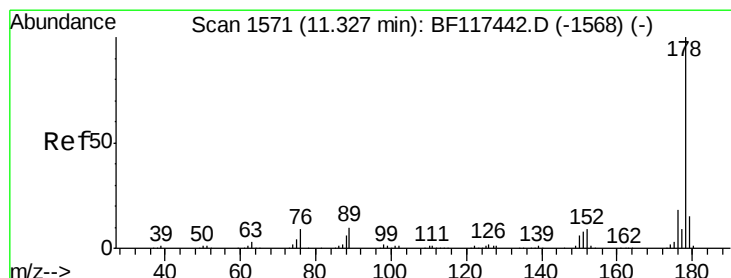
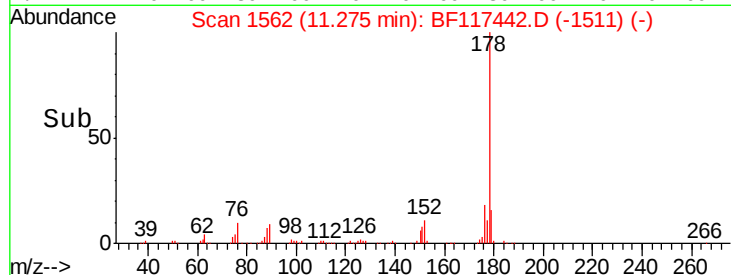
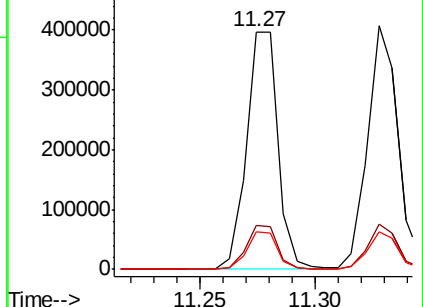
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.994 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

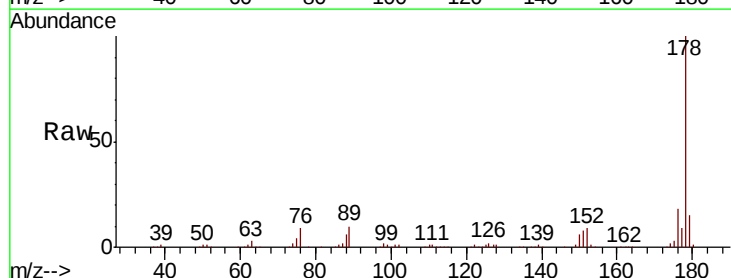
Tgt Ion:178 Resp: 387227

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

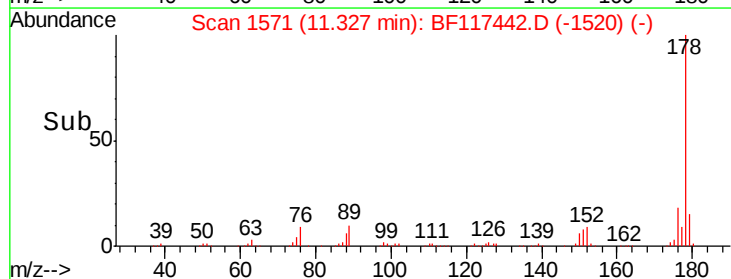
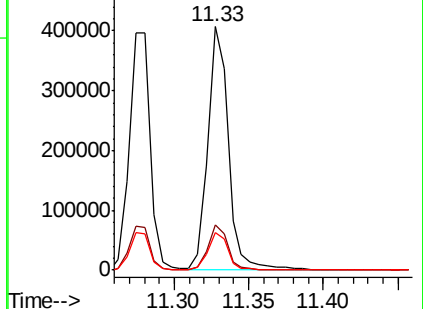
179 15.2 12.2 18.2

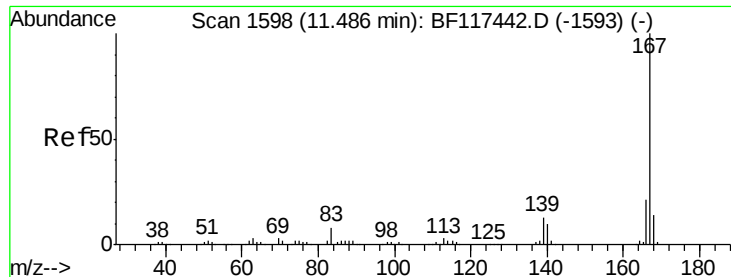


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

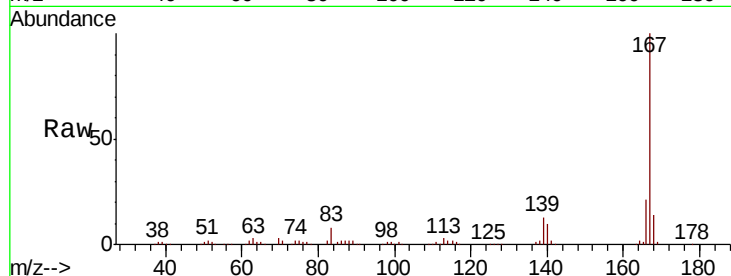




#73
 Carbazole
 Concen: 40.961 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.6	16.0

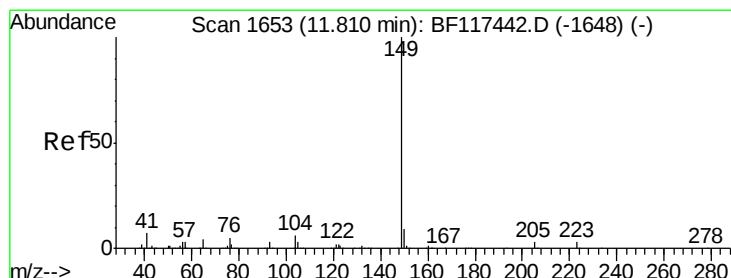
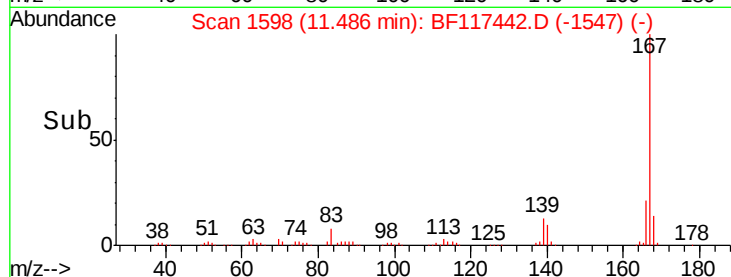
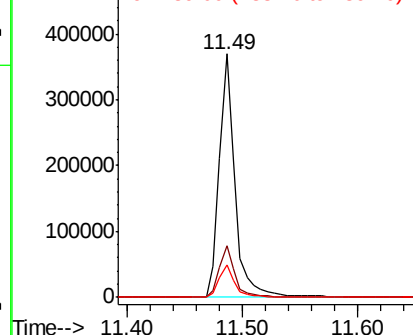


Abundance

Ion 167.00 (166.70 to 167.70): E

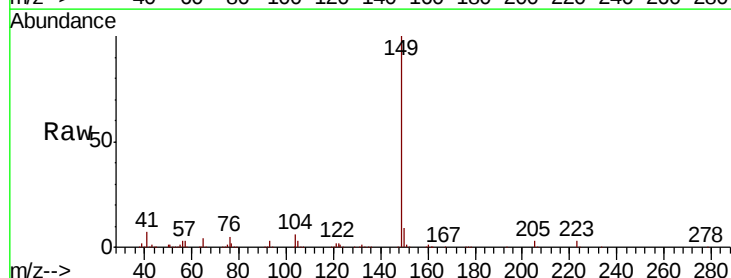
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.982 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.7	4.6	6.8

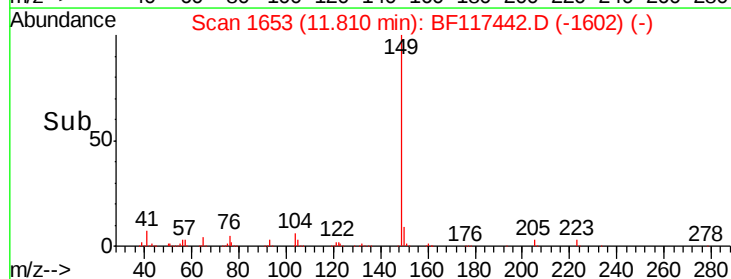
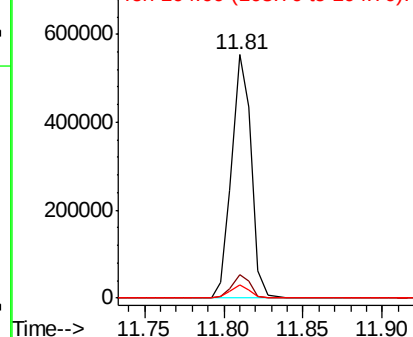


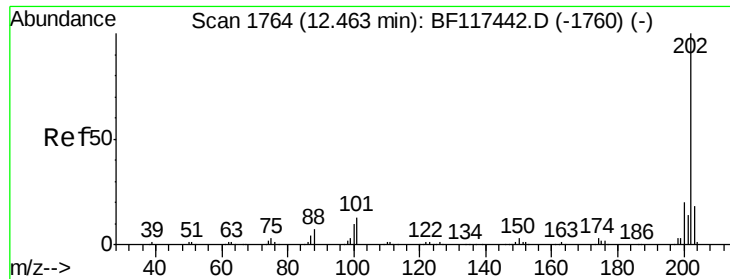
Abundance

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: 41.591 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

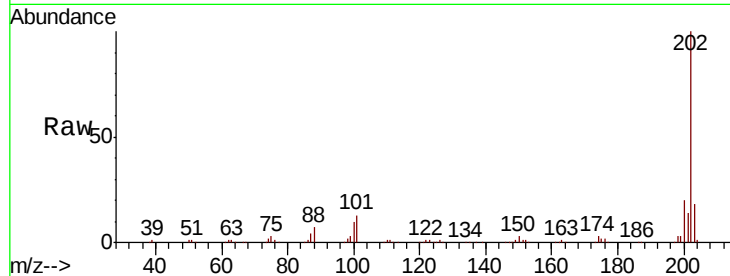
Tot Ion:202 Resp: 378416

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.7

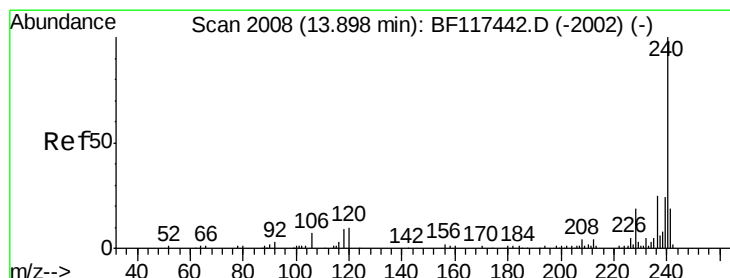
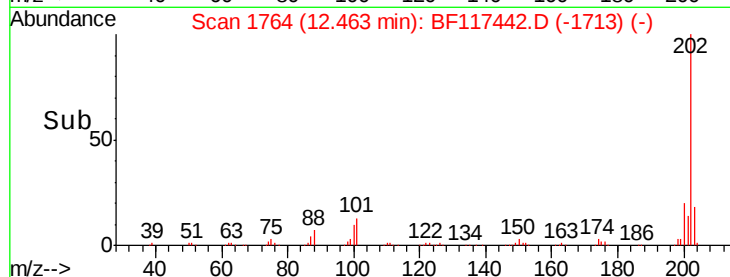
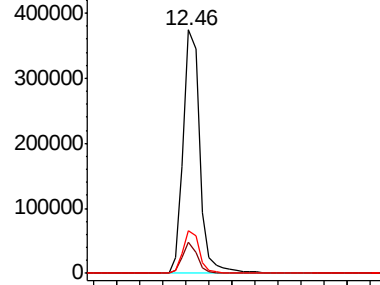
203 17.6 0.0 37.6



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: BF117442.D

Acq: 18 Oct 2019 16:07

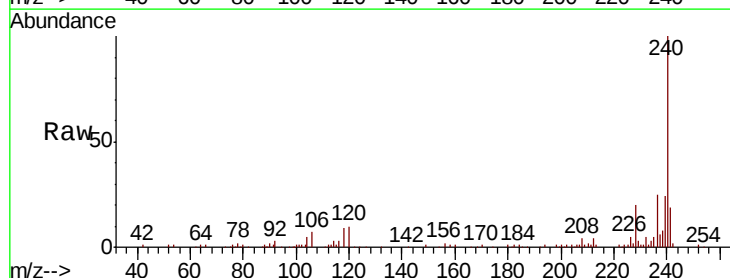
Tgt Ion:240 Resp: 108873

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

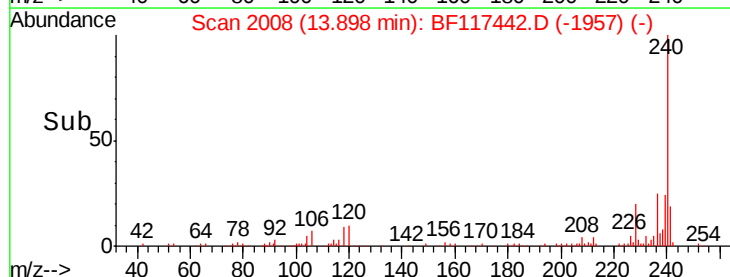
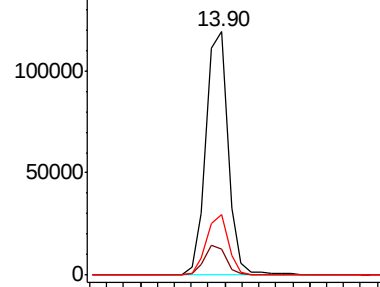
236 25.0 20.0 30.0

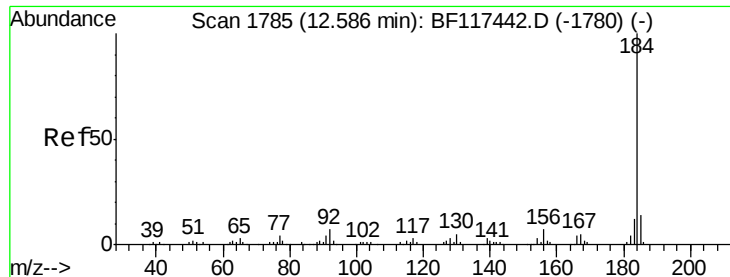


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.717 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

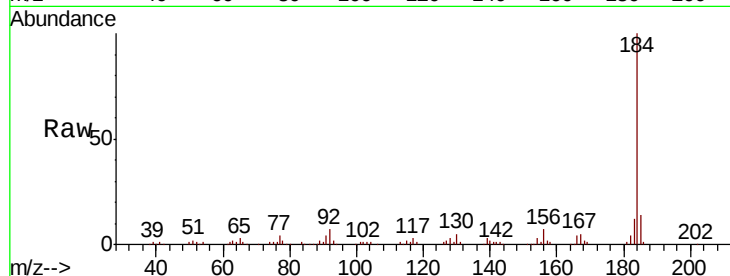
Tot Ion:184 Resp: 125794

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

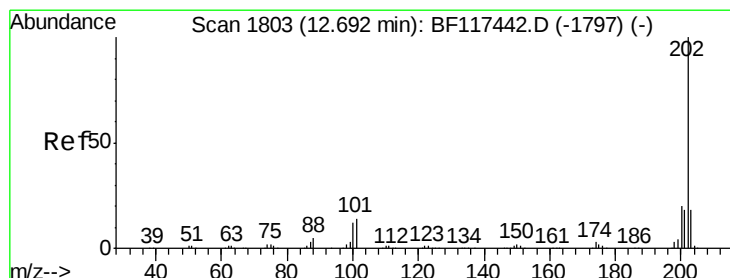
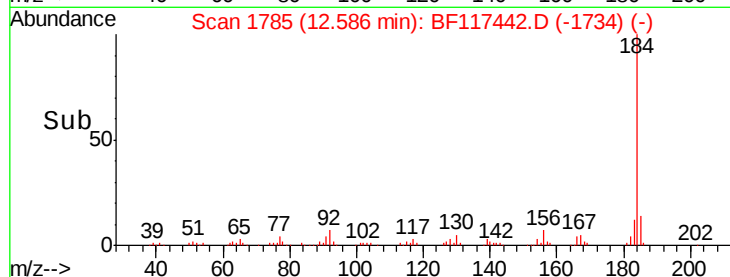
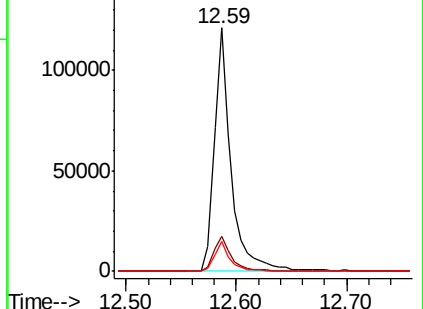
183 12.0 9.6 14.4



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: 39.974 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

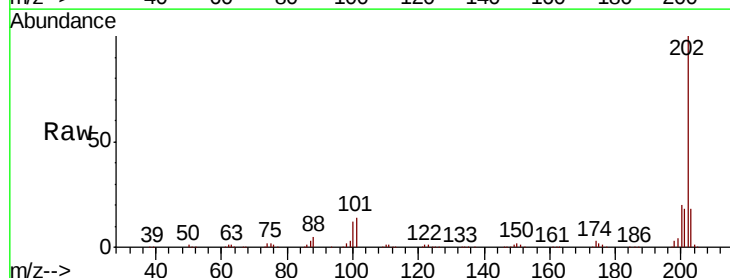
Tgt Ion:202 Resp: 384695

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

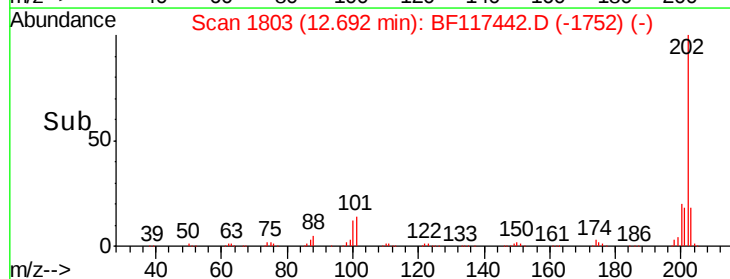
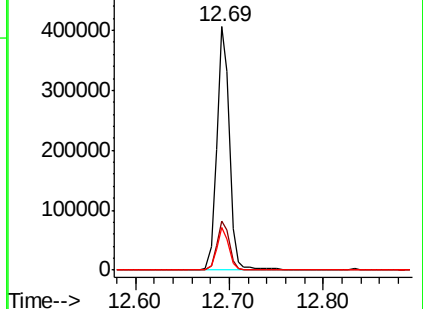
203 17.5 14.0 21.0

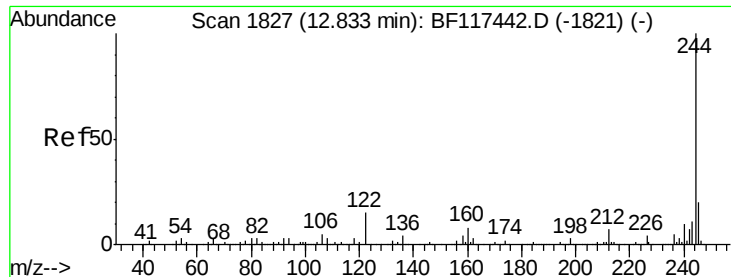


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.682 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

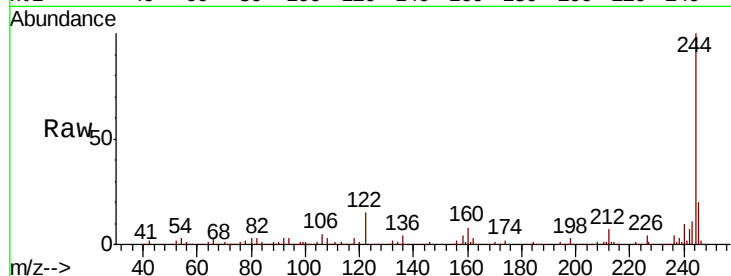
Tot Ion:244 Resp: 545523

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

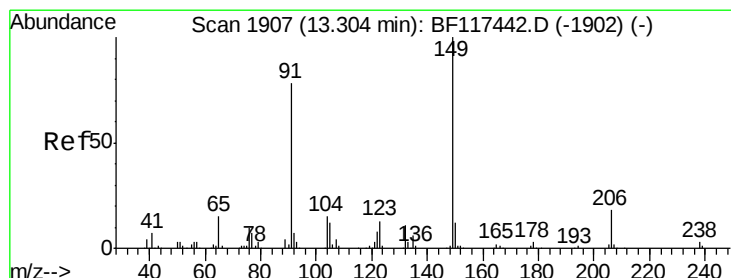
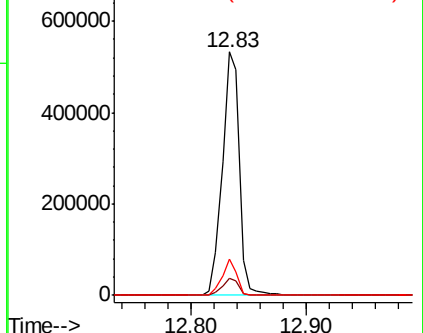
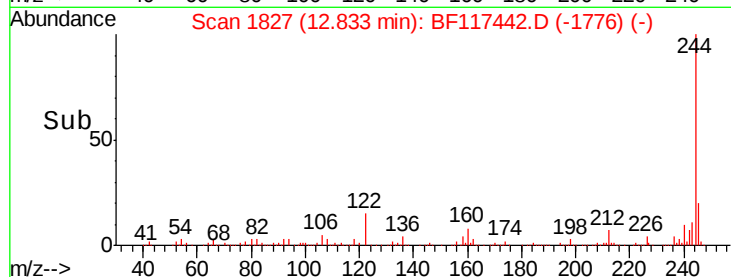
122 14.8 11.8 17.8



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: 39.602 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

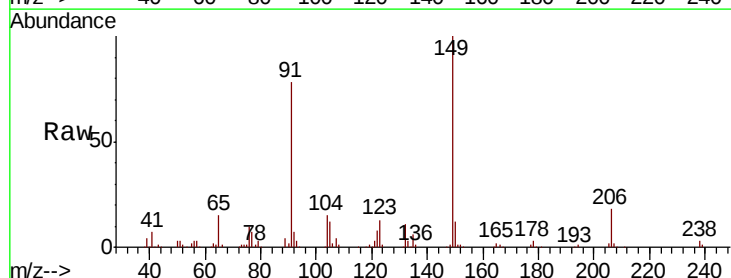
Tgt Ion:149 Resp: 191646

Ion Ratio Lower Upper

149 100

91 77.6 62.1 93.1

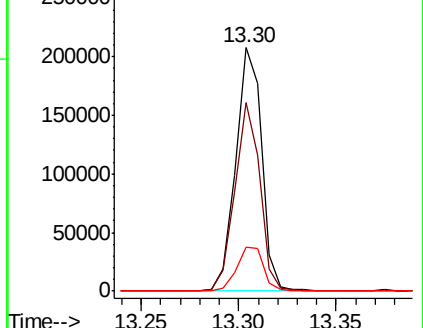
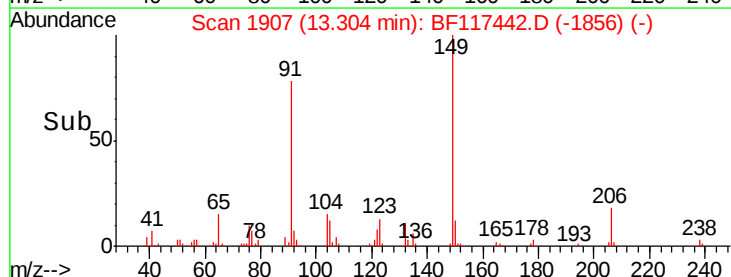
206 17.9 14.3 21.5

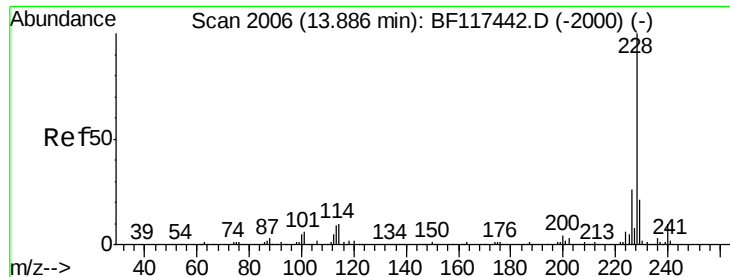


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.677 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

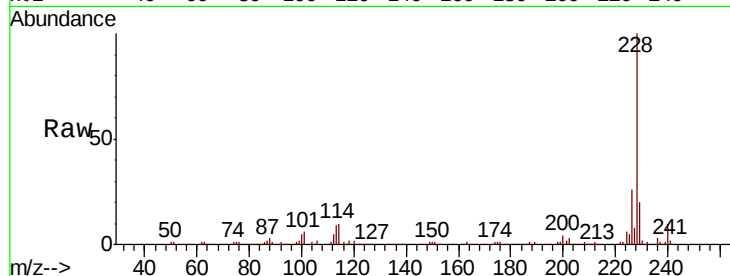
Tot Ion:228 Resp: 303868

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

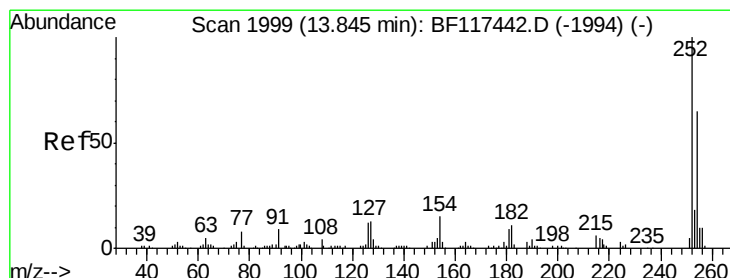
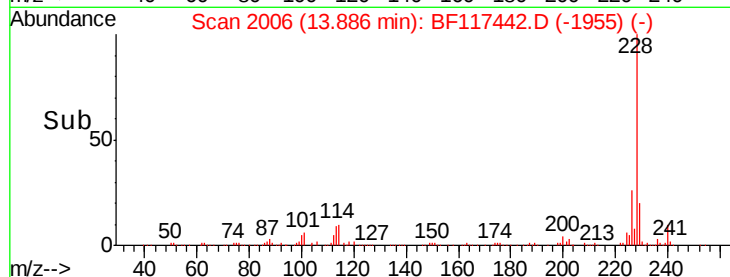
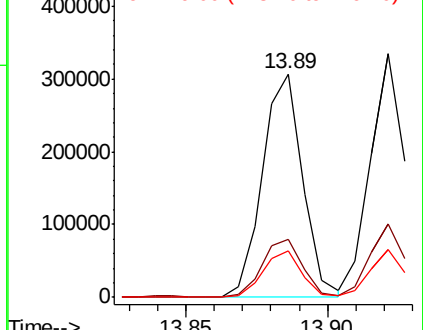
229 20.5 16.4 24.6



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: 42.904 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

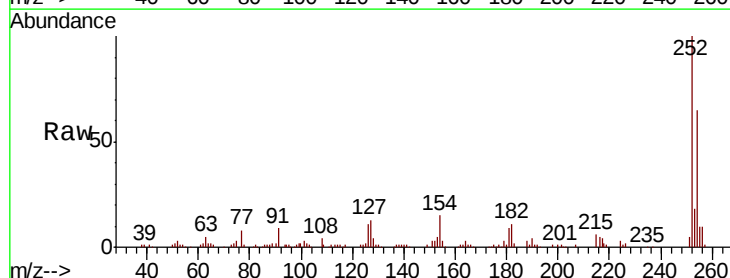
Tgt Ion:252 Resp: 101333

Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

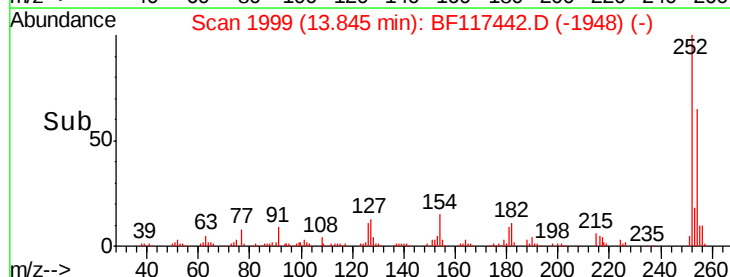
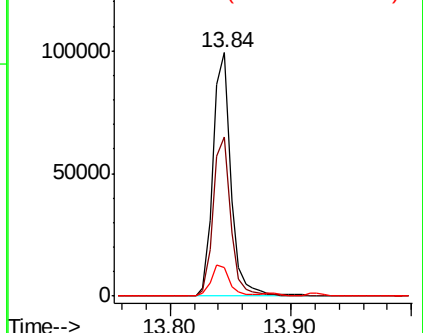
126 11.5 9.2 13.8

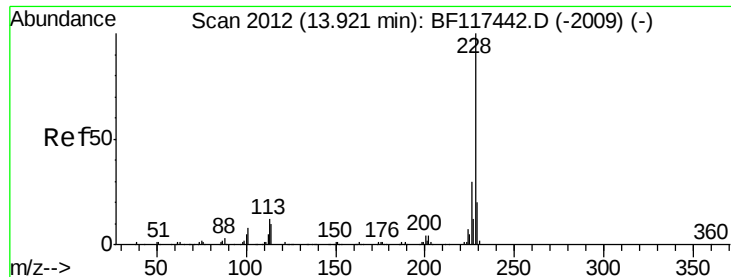


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

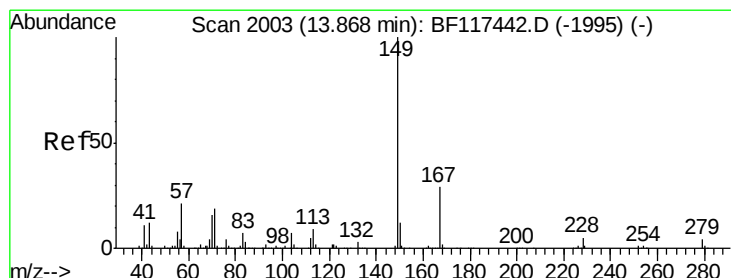
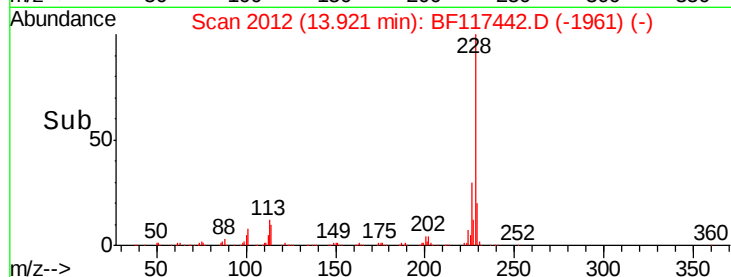
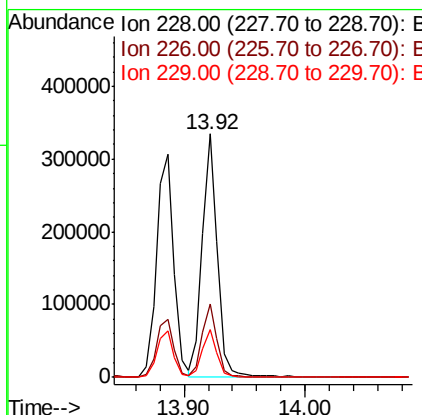
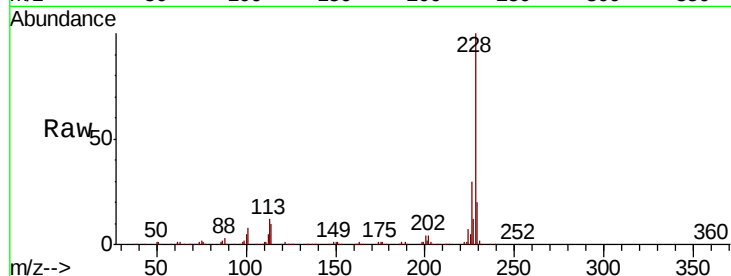




#83
 Chrvsene
 Concen: 39.827 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

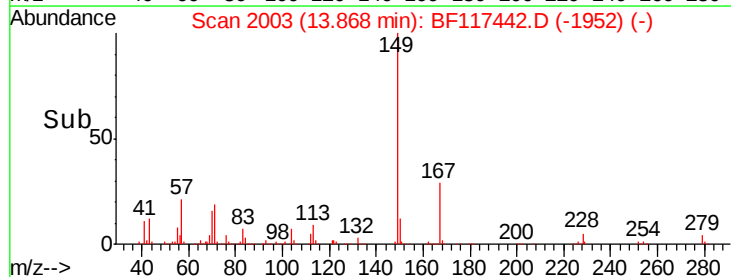
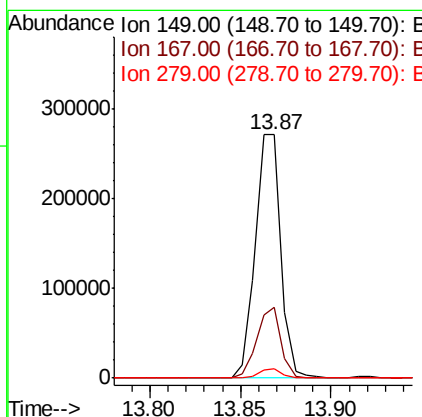
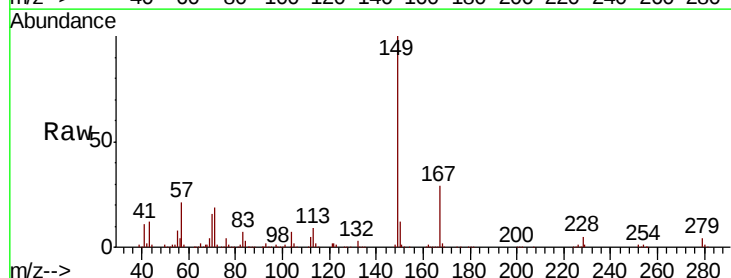
Instrument :
 BNA_F
 ClientSampleId :

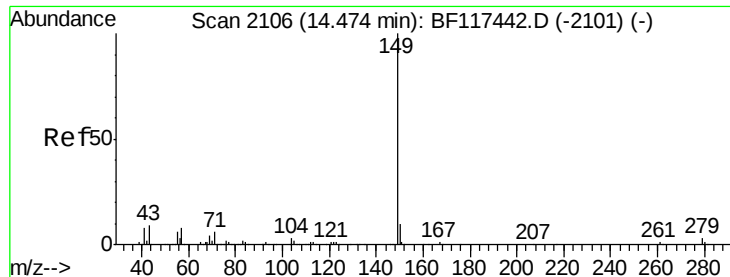
Tot Ion:228 Resp: 293401
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.9 35.9
 229 19.7 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.127 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF117442.D
 Acq: 18 Oct 2019 16:07

Tgt Ion:149 Resp: 266969
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.3 34.9
 279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.432 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

Instrument :

BNA_F

ClientSampled :

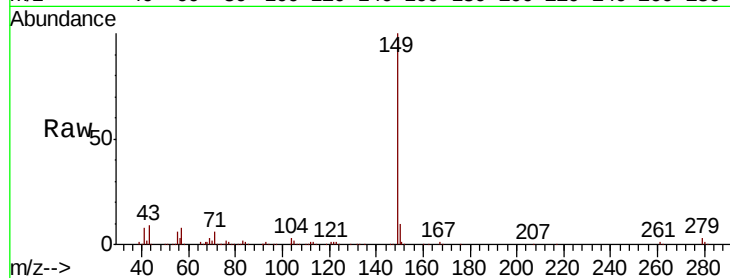
Tot Ion:149 Resp: 409613

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

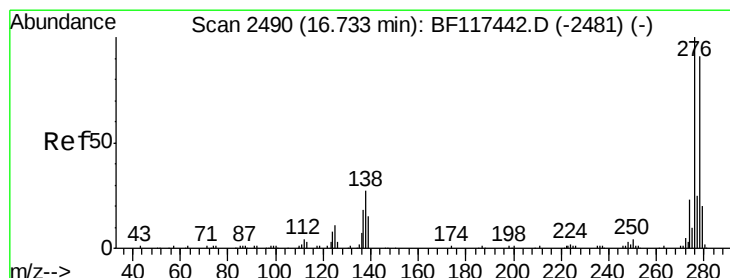
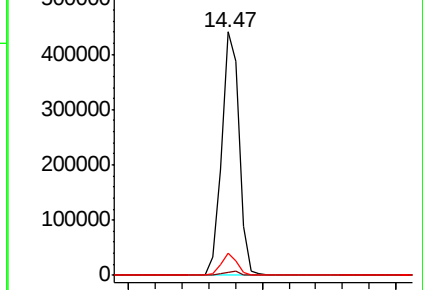
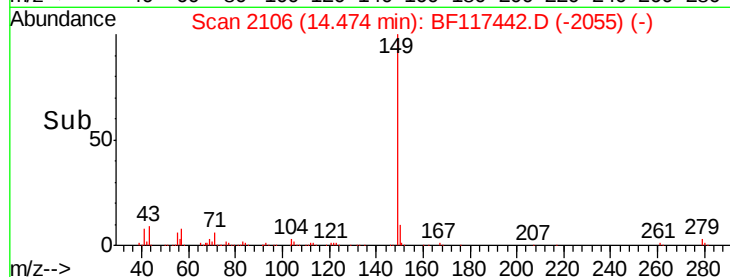
43 8.5 6.8 10.2



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: 39.674 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BF117442.D

Acq: 18 Oct 2019 16:07

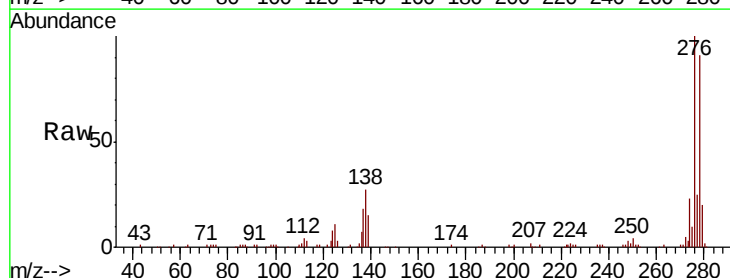
Tgt Ion:276 Resp: 204367

Ion Ratio Lower Upper

276 100

138 27.3 21.8 32.8

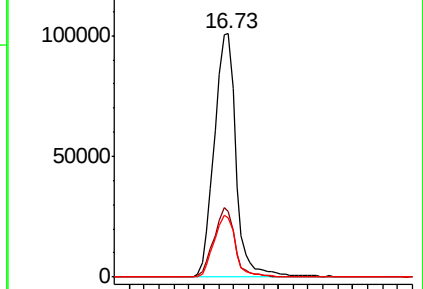
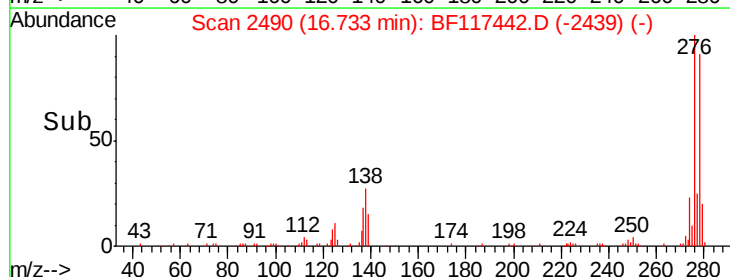
277 25.0 20.0 30.0

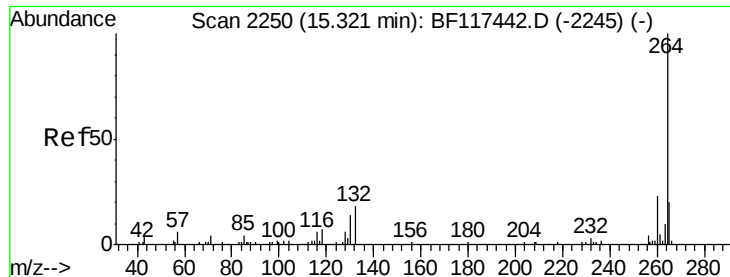


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



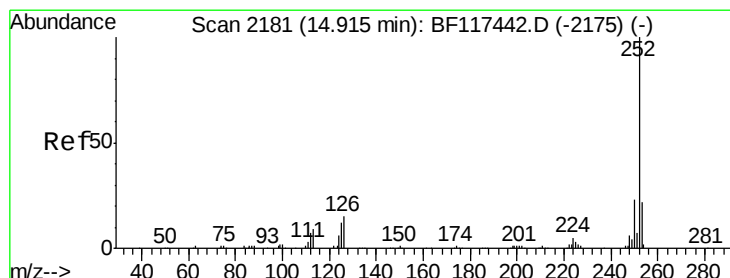
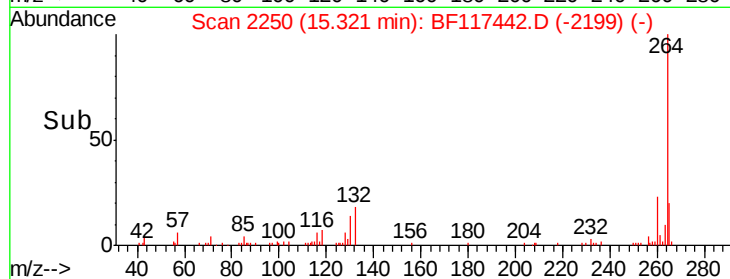
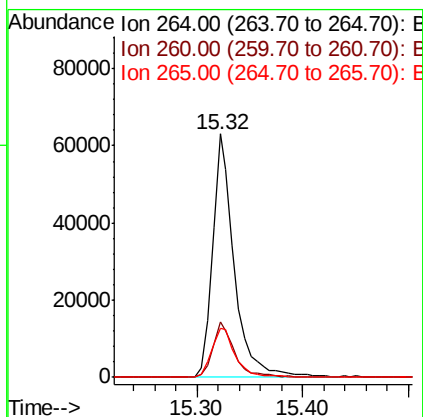
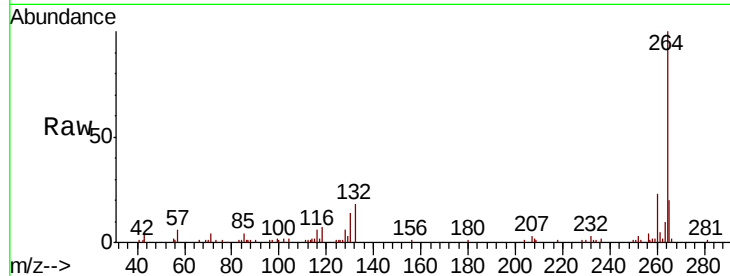


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 90598

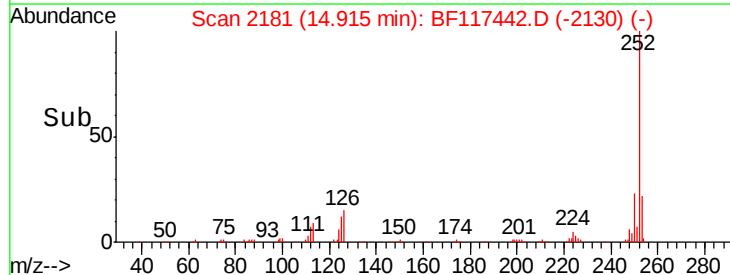
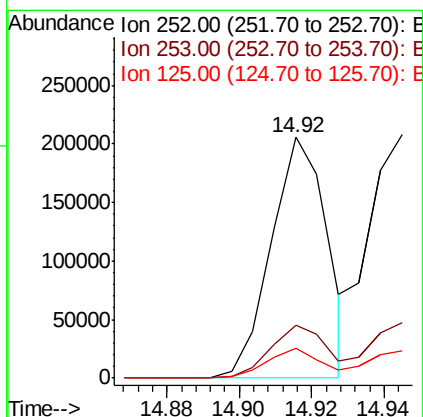
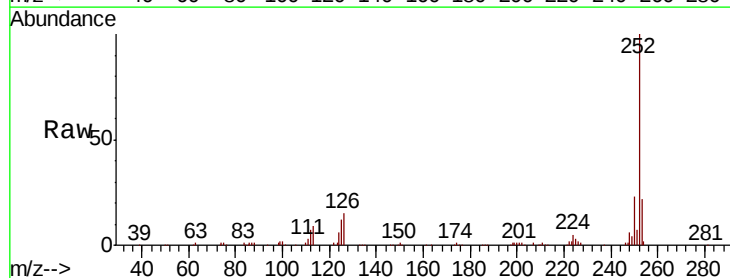
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.1	16.1	24.1

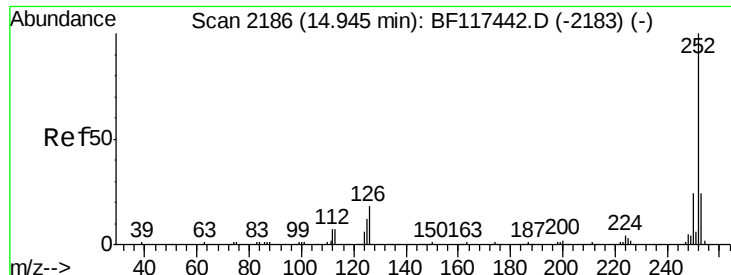


#88
Benzo(b)fluoranthene
Concen: 39.163 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:252 Resp: 220883

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.4	9.9	14.9

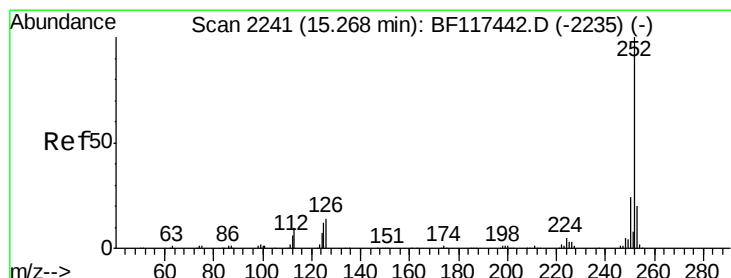
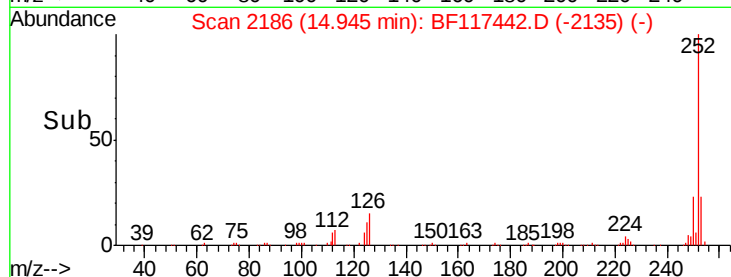
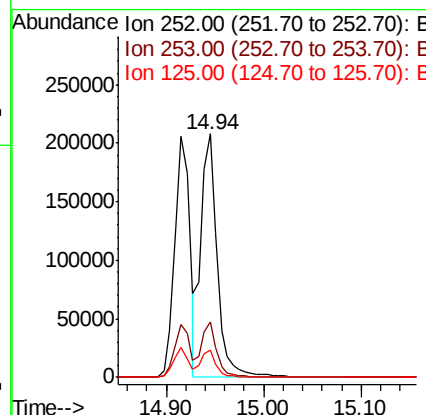
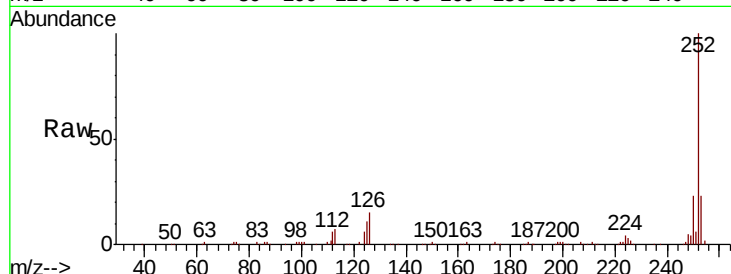




#89
Benzo(k)fluoranthene
Concen: 43.126 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

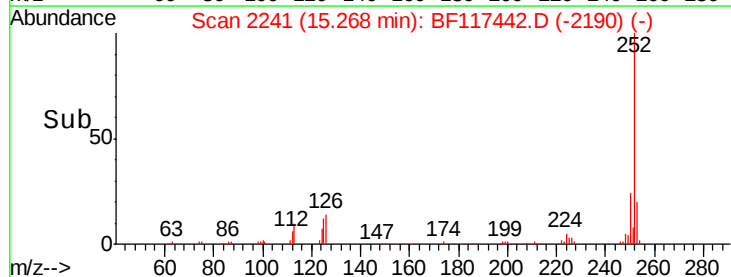
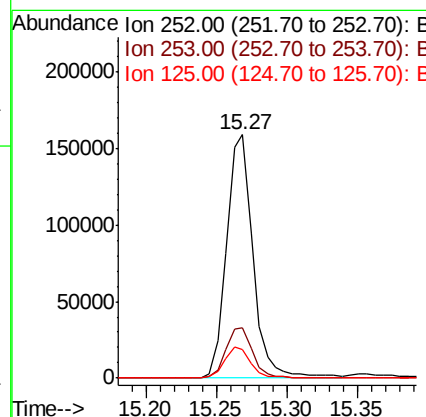
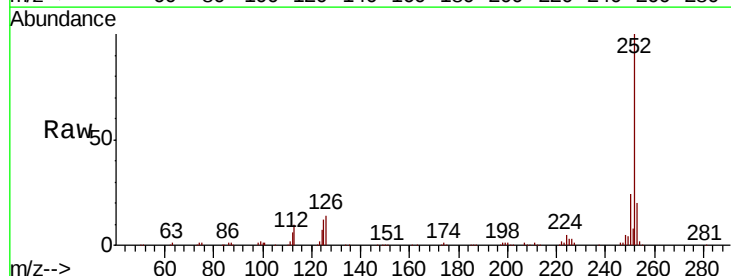
Instrument :
BNA_F
ClientSampled :

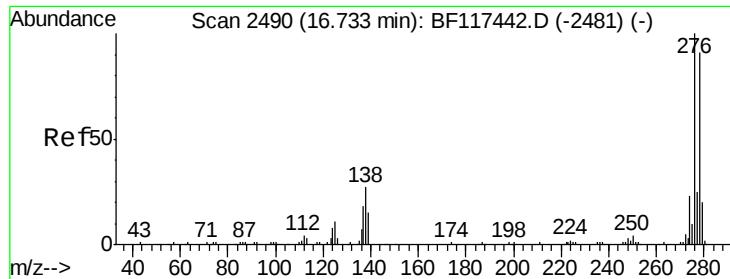
Tot Ion:252 Resp: 241731
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 41.575 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion:252 Resp: 207642
Ion Ratio Lower Upper
252 100
253 20.4 16.3 24.5
125 11.5 9.2 13.8

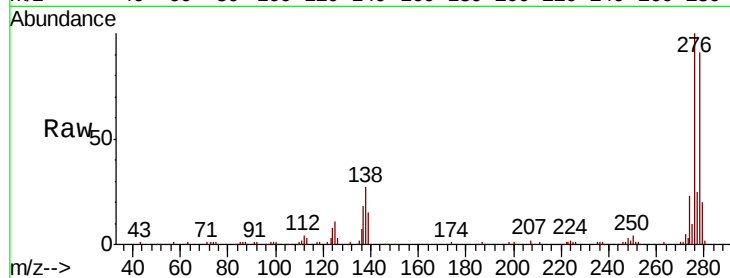




#91
Dibenzo(a,h)anthracene
Concen: 40.744 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.4	20.0
279	22.2	17.8	26.6

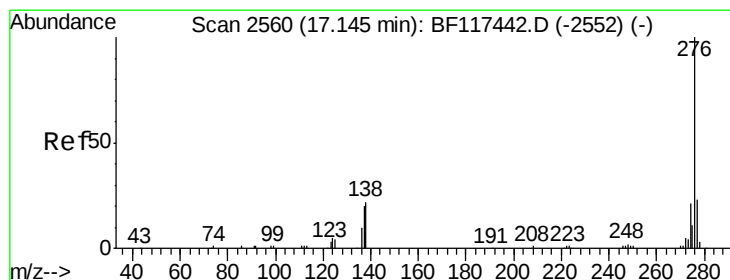
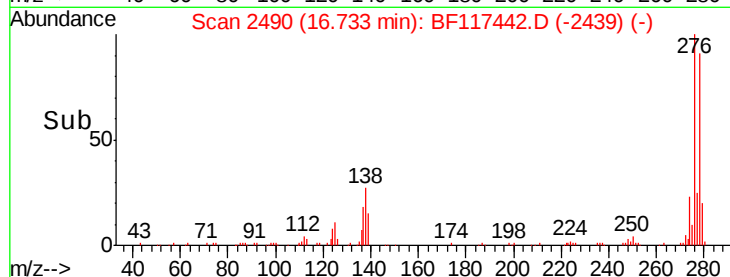
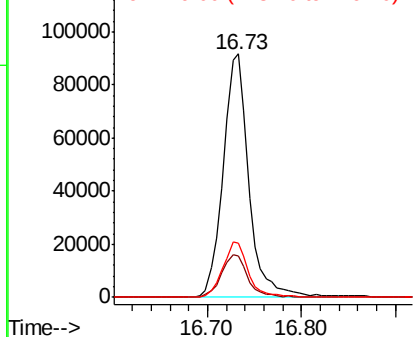


Abundance

Ion 278.00 (277.70 to 278.70): E

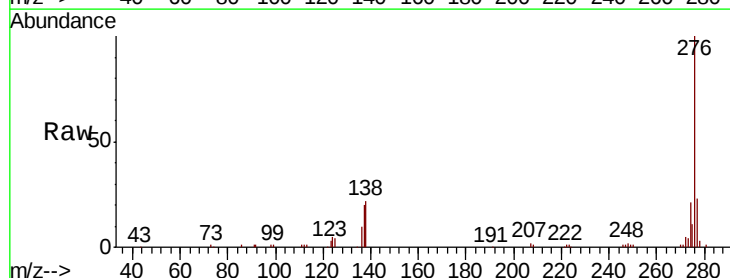
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.883 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF117442.D
Acq: 18 Oct 2019 16:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	22.2	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

