

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118072.D
 Acq On : 3 Dec 2019 19:52
 Operator : JU
 Sample : K6090-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:35:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141714	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	562174	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	302373	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	591258	20.00	ng	0.00
76) Chrysene-d12	14.07	240	402879	20.00	ng	0.00
87) Perylene-d12	15.57	264	372324	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	843464	105.35	ng	0.01
7) Phenol-d6	6.51	99	1075530	111.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	661783	69.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	390672	122.04	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1343514	79.71	ng	0.00
79) Terphenyl-d14	13.01	244	1667988	75.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	133855	35.768	ng	99
3) Pyridine	3.45	79	329278	33.543	ng	99
4) n-Nitrosodimethylamine	3.40	42	169286	39.505	ng	98
6) Aniline	6.54	93	311290	24.395	ng	97
8) 2-Chlorophenol	6.66	128	430776	49.588	ng	99
9) Benzaldehyde	6.42	77	151484	20.641	ng	96
10) Phenol	6.52	94	509432	50.768	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	368453	45.725	ng	97
12) 1,3-Dichlorobenzene	6.82	146	456051	44.591	ng	98
13) 1,4-Dichlorobenzene	6.89	146	473408	45.794	ng	99
14) 1,2-Dichlorobenzene	7.05	146	442092	44.714	ng	99
15) Benzyl Alcohol	7.02	79	363397	48.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	441223	35.564	ng	99
17) 2-Methylphenol	7.13	107	342965	46.619	ng	97
18) Hexachloroethane	7.39	117	170233	44.826	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	274914	46.148	ng	95
20) 3+4-Methylphenols	7.28	107	426645	46.719	ng	93
22) Acetophenone	7.29	105	567244	44.911	ng	# 93
24) Nitrobenzene	7.46	77	426654	43.732	ng	94
25) Isophorone	7.70	82	762961	44.018	ng	98
26) 2-Nitrophenol	7.78	139	234522	49.388	ng	97
27) 2,4-Dimethylphenol	7.82	122	372887	50.536	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	476585	43.329	ng	98
29) 2,4-Dichlorophenol	8.02	162	366015	45.730	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	404407	43.560	ng	98
31) Naphthalene	8.19	128	1244896	47.501	ng	99
32) Benzoic acid	7.95	122	259653	42.027	ng	99
33) 4-Chloroaniline	8.23	127	129462	11.034	ng	97
34) Hexachlorobutadiene	8.30	225	235004	43.295	ng	97
35) Caprolactam	8.61	113	66313	26.069	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	392246	48.290	ng	97
37) 2-Methylnaphthalene	8.88	142	857252	48.411	ng	100
38) 1-Methylnaphthalene	8.98	142	791628	47.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	385157	43.861	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	417867	84.915	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	273808	43.533	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	292941	44.858	ng	96
46) 1,1'-Biphenyl	9.35	154	1058936	47.204	ng	99
47) 2-Chloronaphthalene	9.37	162	808745	43.823	ng	98
48) 2-Nitroaniline	9.47	65	229274	41.151	ng	99
49) Acenaphthylene	9.79	152	1292687	48.044	ng	99
50) Dimethylphthalate	9.65	163	1148759	54.177	ng	100
51) 2,6-Dinitrotoluene	9.71	165	223948	48.326	ng	99
52) Acenaphthene	9.96	154	757447	43.946	ng	99
53) 3-Nitroaniline	9.88	138	125052	22.552	ng	92
54) 2,4-Dinitrophenol	9.99	184	216854	90.073	ng	94
55) Dibenzofuran	10.14	168	1145671	48.001	ng	99
56) 4-Nitrophenol	10.05	139	365436	88.290	ng	93
57) 2,4-Dinitrotoluene	10.12	165	296750	50.340	ng	92
58) Fluorene	10.48	166	896268	48.458	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	245264	45.710	ng	99
60) Diethylphthalate	10.35	149	989010	47.842	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	444529	47.359	ng	99
62) 4-Nitroaniline	10.50	138	244784	44.089	ng	99
63) Azobenzene	10.63	77	859288	45.690	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	152493	55.247	ng	96
66) n-Nitrosodiphenylamine	10.59	169	819960	47.652	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	288485	45.220	ng	99
68) Hexachlorobenzene	11.03	284	327926	44.082	ng	96
69) Atrazine	11.12	200	252763	44.655	ng	99
70) Pentachlorophenol	11.23	266	362929	83.508	ng	99
71) Phenanthrene	11.45	178	1367304	45.996	ng	99
72) Anthracene	11.50	178	1414823	48.004	ng	99
73) Carbazole	11.66	167	1245117	48.344	ng	99
74) Di-n-butylphthalate	11.98	149	1581016	49.303	ng	100
75) Fluoranthene	12.64	202	1451903	55.369	ng	98
77) Benzidine	12.76	184	386491	29.287	ng	99
78) Pyrene	12.87	202	1451535	44.582	ng	99
80) Butylbenzylphthalate	13.49	149	688923	49.265	ng	100
81) Benzo(a)anthracene	14.06	228	1207190	45.344	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	257208	27.620	ng	99
83) Chrysene	14.10	228	1157373	44.864	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	968029	57.099	ng	98
85) Di-n-octyl phthalate	14.66	149	1523231	61.158	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1132602	51.585	ng	100
88) Benzo(b)fluoranthene	15.13	252	1123492	46.444	ng	99
89) Benzo(k)fluoranthene	15.16	252	955696	41.930	ng	98
90) Benzo(a)pyrene	15.51	252	983522	46.237	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	943965	51.558	ng	99
92) Benzo(g,h,i)perylene	17.55	276	956753	52.465	ng	99

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

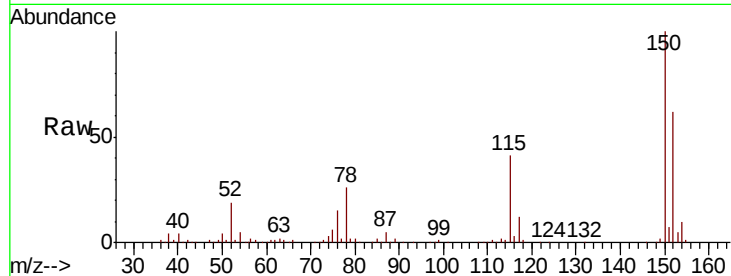


#1

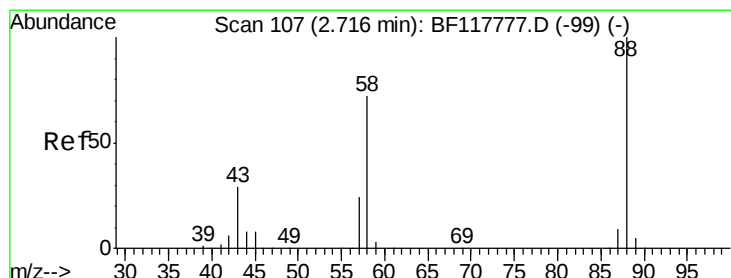
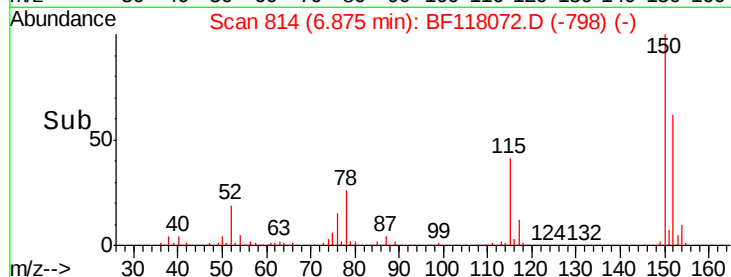
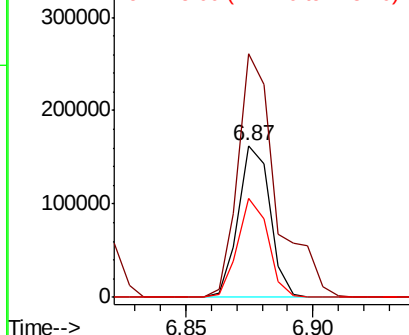
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141714
Ion Ratio Lower Upper
152 100
150 160.2 121.4 182.2
115 65.2 48.8 73.2



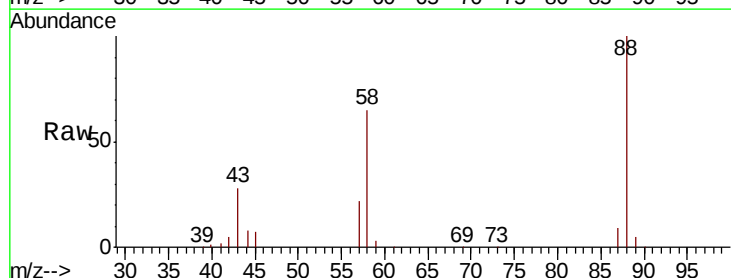
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



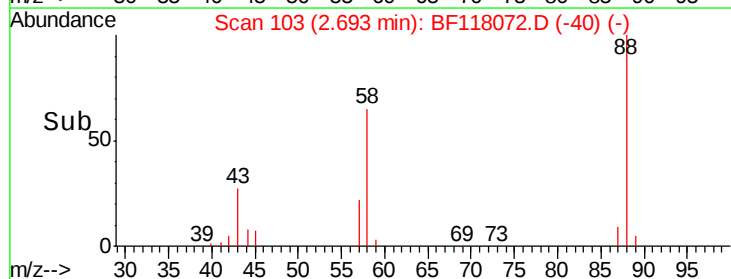
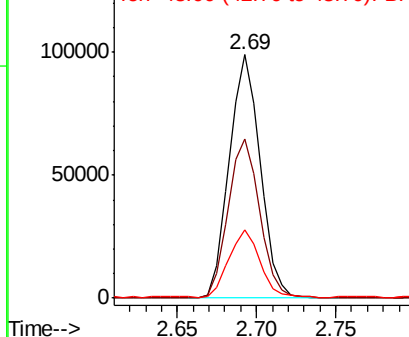
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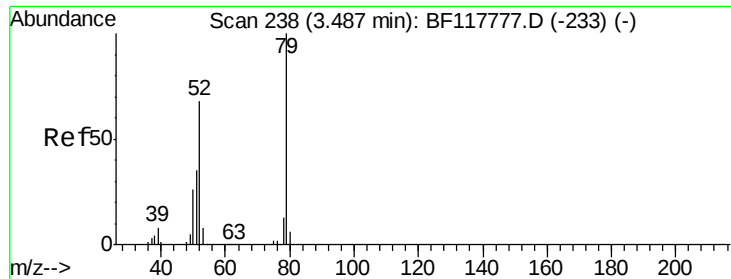
1,4-Dioxane
Concen: 35.768 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion: 88 Resp: 133855
Ion Ratio Lower Upper
88 100
58 66.5 52.6 78.8
43 27.1 21.8 32.6



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: 33.543 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

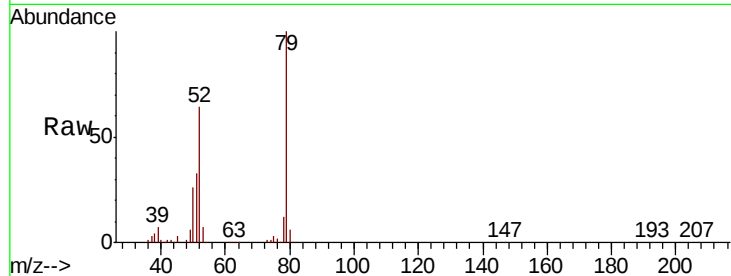
Tot Ion: 79 Resp: 329278

Ion Ratio Lower Upper

79 100

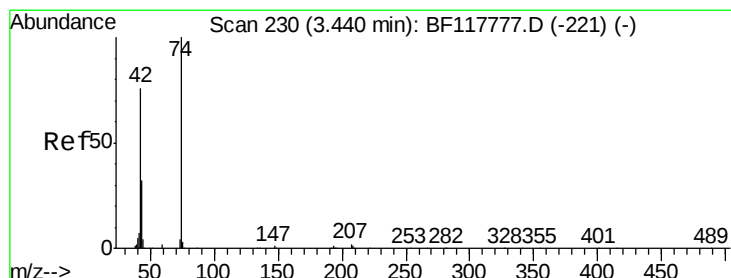
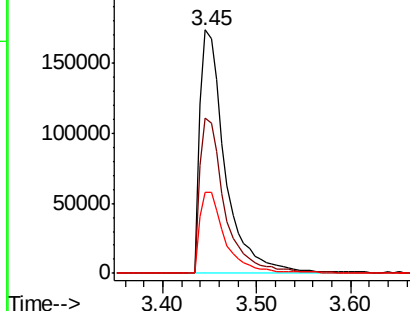
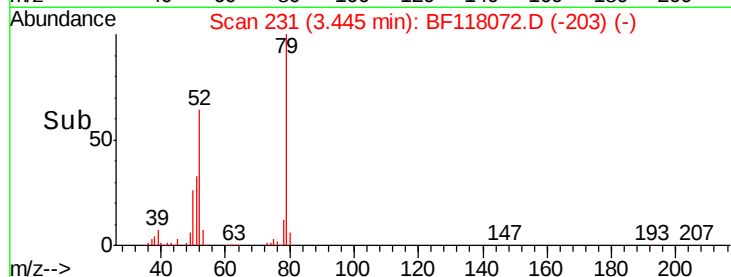
52 63.9 50.6 75.8

51 33.2 26.8 40.2



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

3.45



#4

n-Nitrosodimethylamine

Concen: 39.505 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

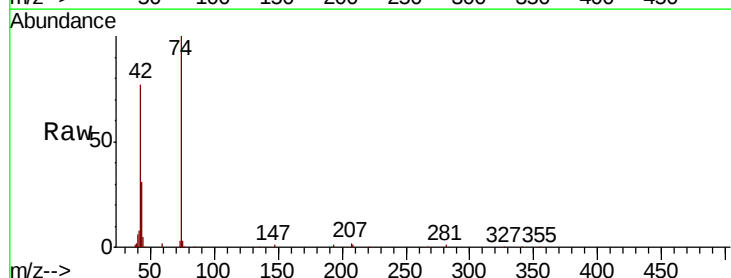
Tgt Ion: 42 Resp: 169286

Ion Ratio Lower Upper

42 100

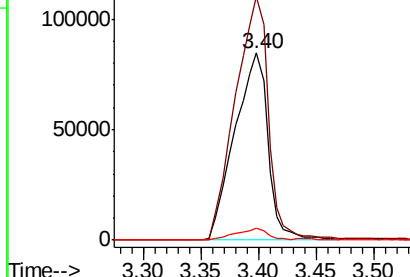
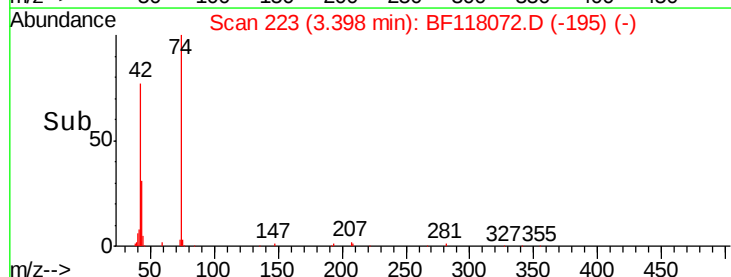
74 130.4 102.8 154.2

44 6.3 4.7 7.1



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

3.40





#5

2-Fluorophenol

Concen: 105.354 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampled :

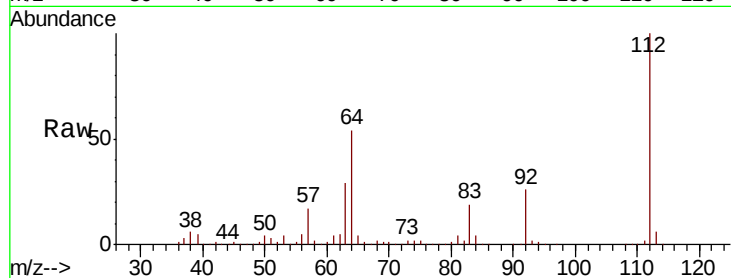
Tot Ion:112 Resp: 843464

Ion Ratio Lower Upper

112 100

64 53.6 45.1 67.7

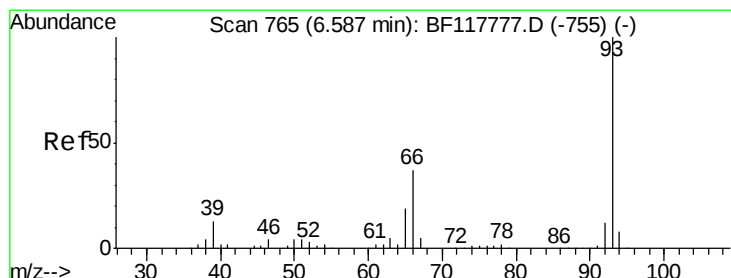
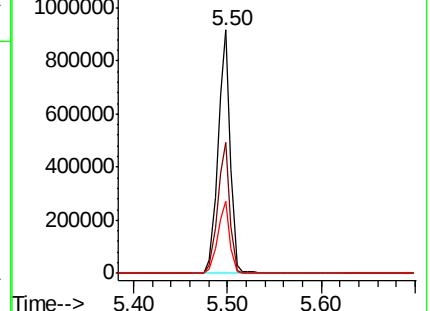
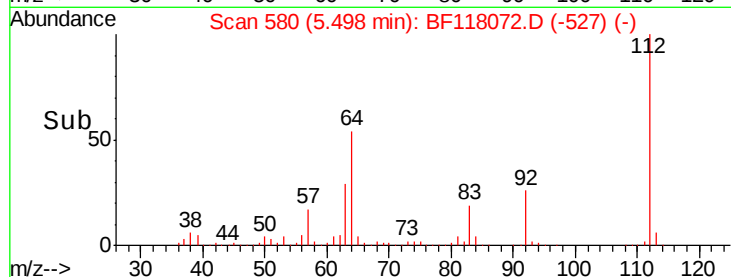
63 29.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.395 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

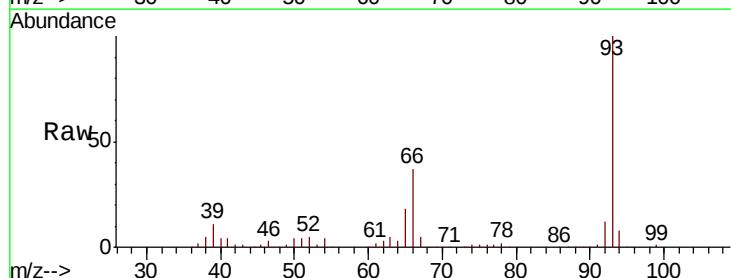
Tgt Ion: 93 Resp: 311290

Ion Ratio Lower Upper

93 100

66 37.5 31.0 46.6

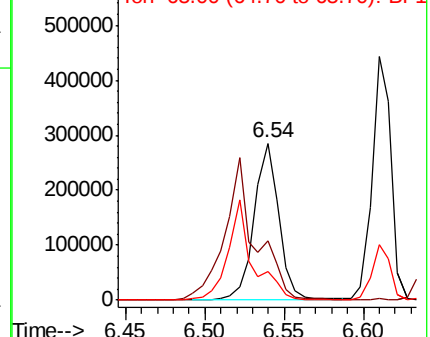
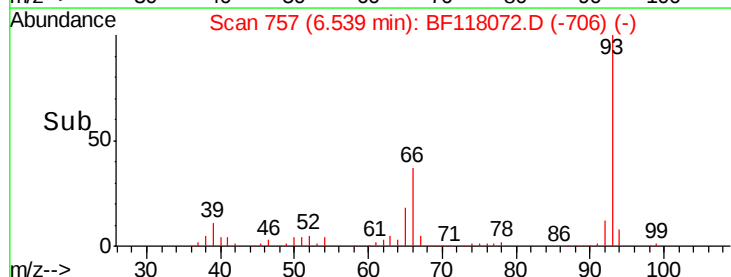
65 18.1 15.8 23.8

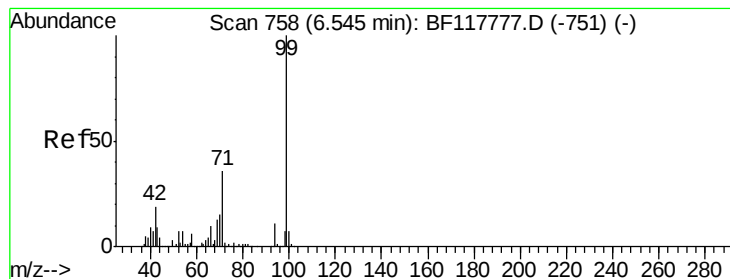


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.379 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

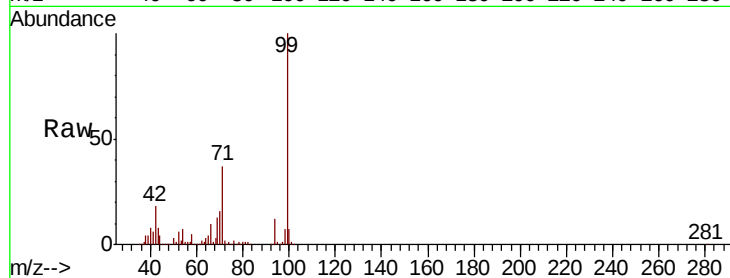
Tot Ion: 99 Resp: 1075530

Ion Ratio Lower Upper

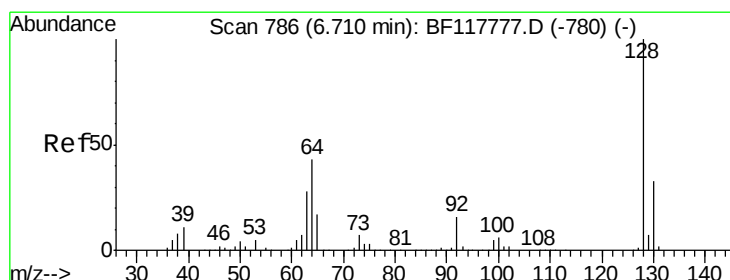
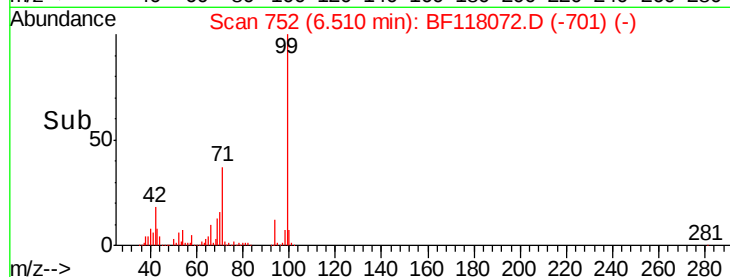
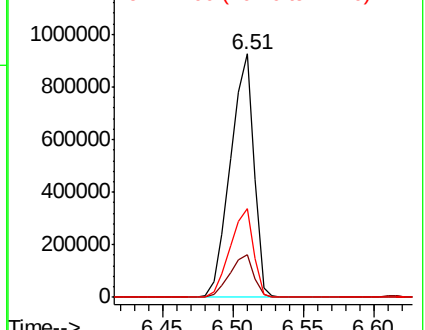
99 100

42 17.6 14.0 21.0

71 36.5 29.2 43.8



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: 49.588 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

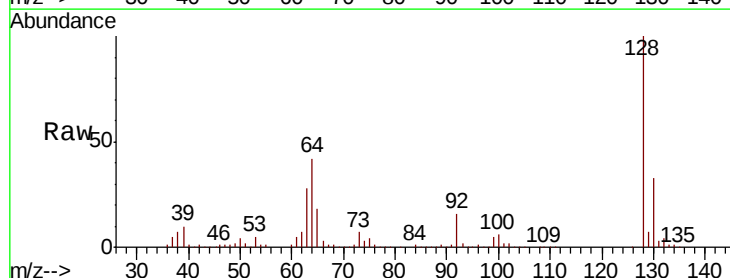
Tgt Ion: 128 Resp: 430776

Ion Ratio Lower Upper

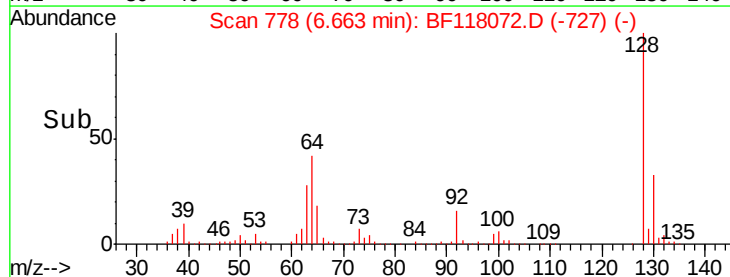
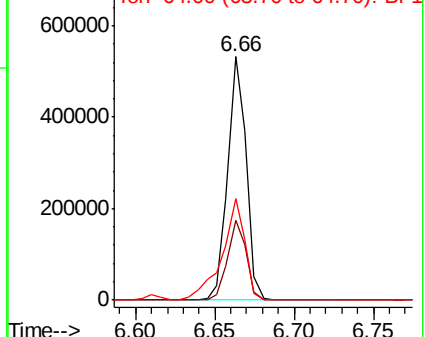
128 100

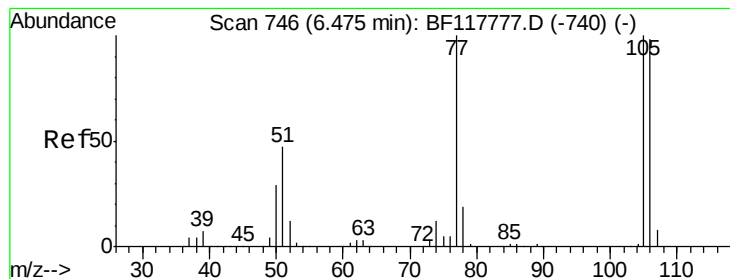
130 32.6 12.4 52.4

64 41.9 23.2 63.2



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





#9

Benzaldehyde

Concen: 20.641 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

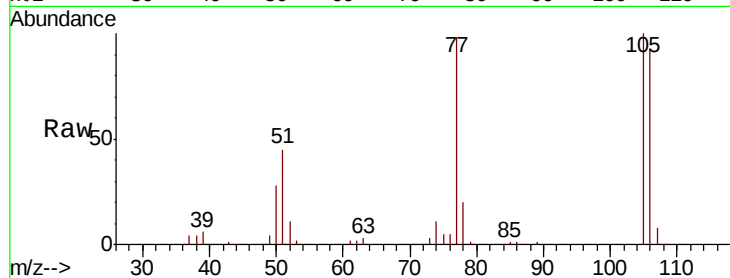
Tot Ion: 77 Resp: 151484

Ion Ratio Lower Upper

77 100

105 101.6 83.3 123.3

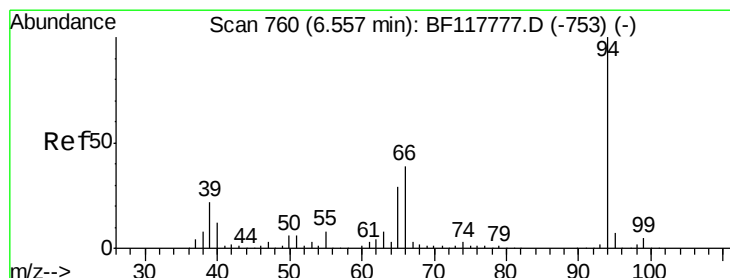
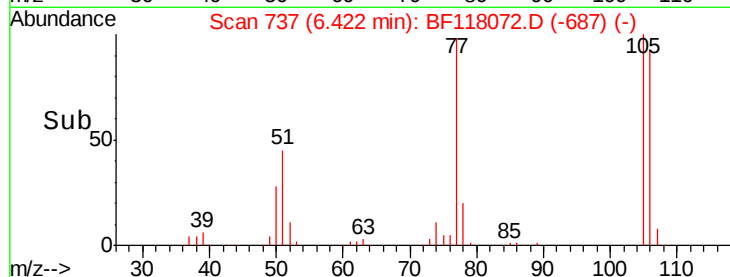
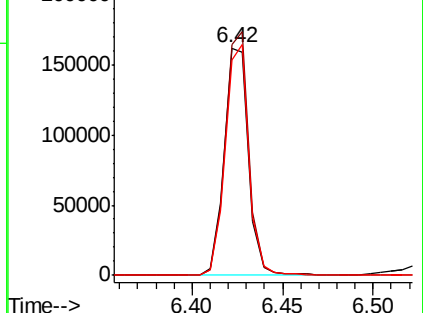
106 95.0 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.768 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

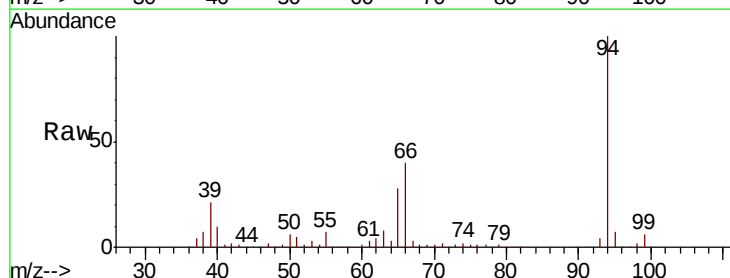
Tgt Ion: 94 Resp: 509432

Ion Ratio Lower Upper

94 100

65 27.7 6.9 46.9

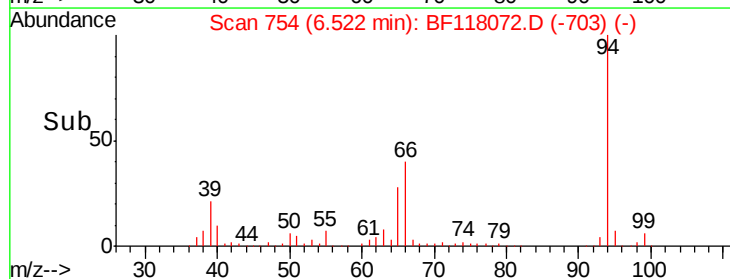
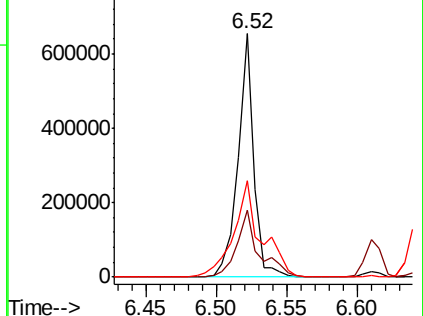
66 39.6 18.6 58.6

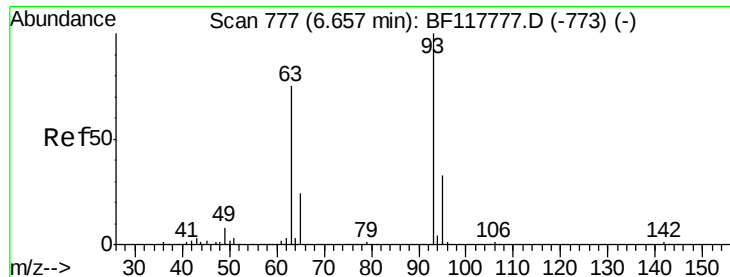


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



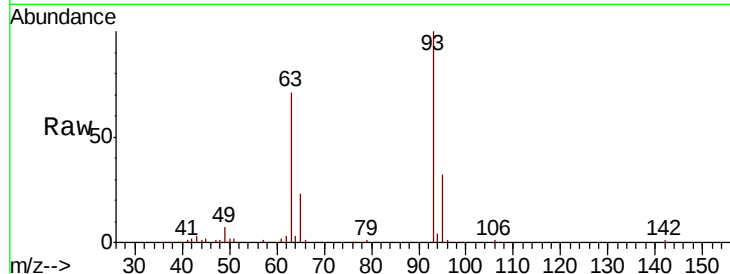


#11
bis(2-Chloroethyl)ether
Concen: 45.725 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 368453

Ion	Ratio	Lower	Upper
93	100		
63	70.6	46.8	86.8
95	31.7	12.0	52.0

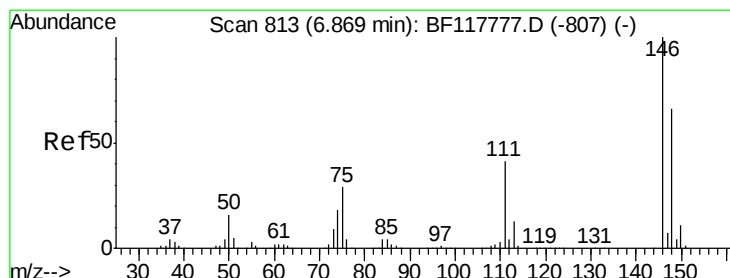
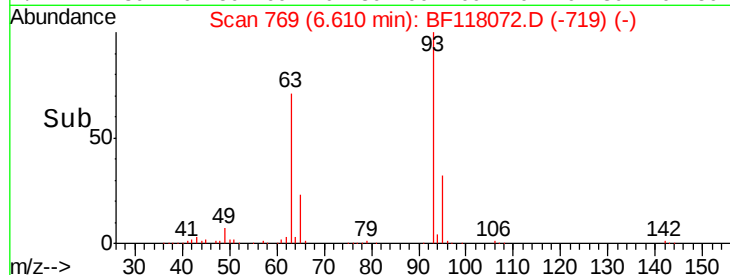
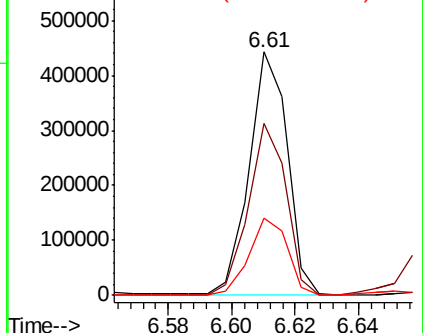


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

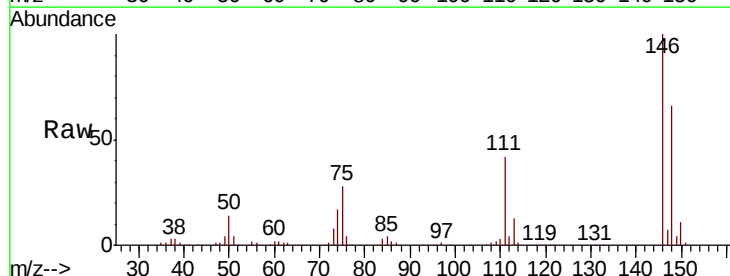
Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 44.591 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion: 146 Resp: 456051

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.7	79.1
75	27.5	24.5	36.7

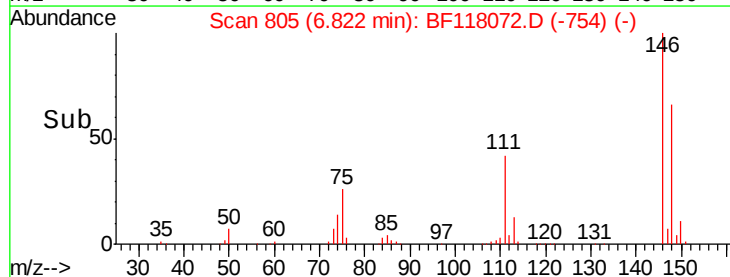
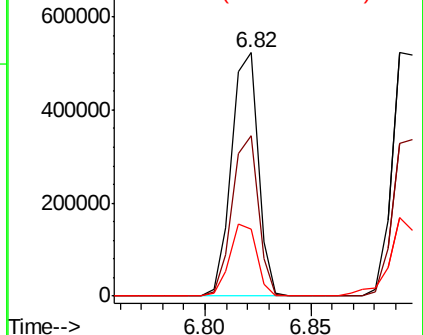


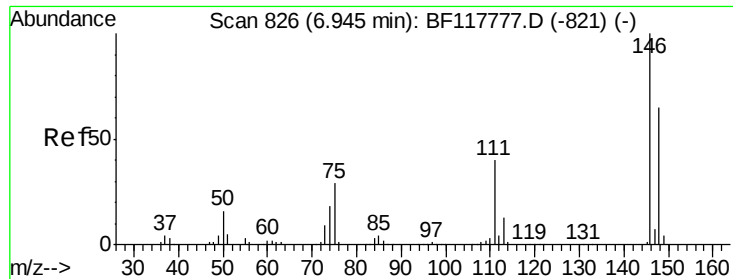
Abundance

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

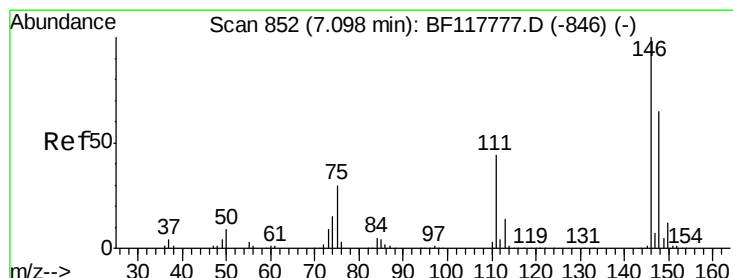
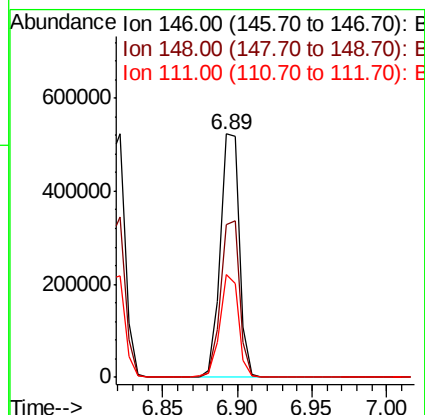
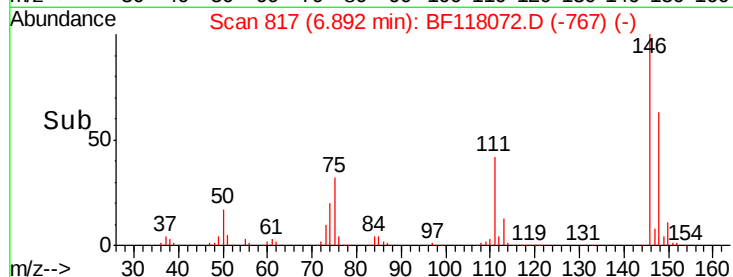
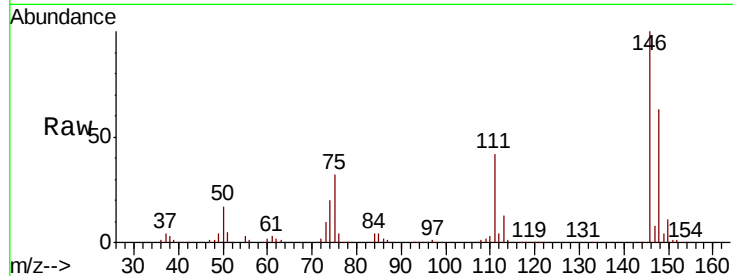




#13
 1,4-Dichlorobenzene
 Concen: 45.794 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

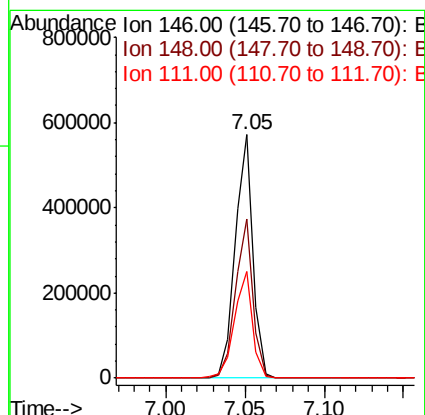
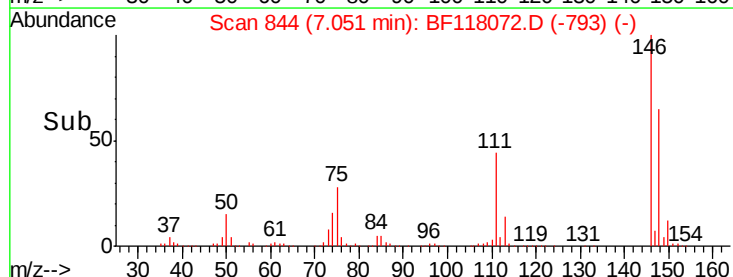
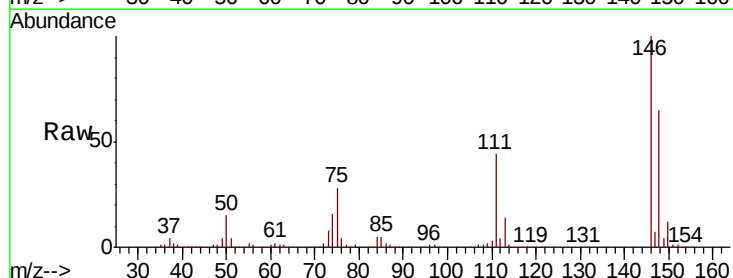
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 473408
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 42.2 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 44.714 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion:146 Resp: 442092
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.6 77.4
 111 43.6 35.8 53.8





#15

Benzyl Alcohol

Concen: 48.744 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

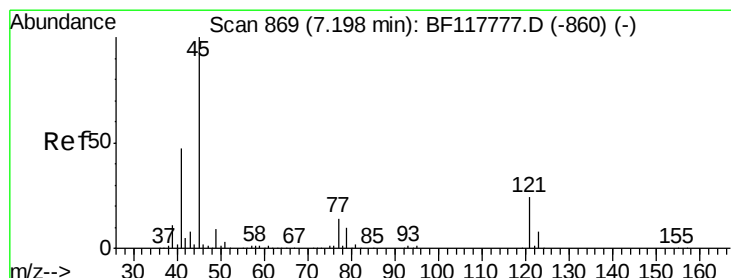
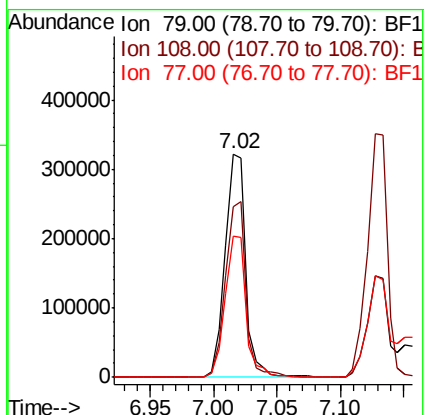
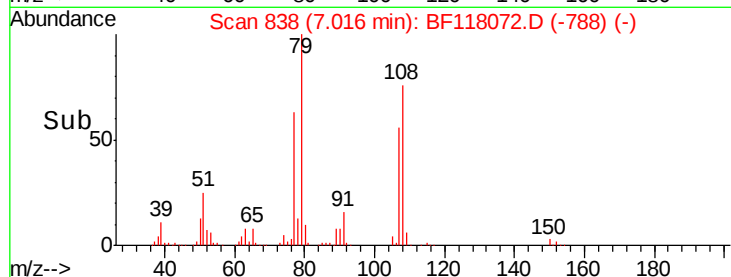
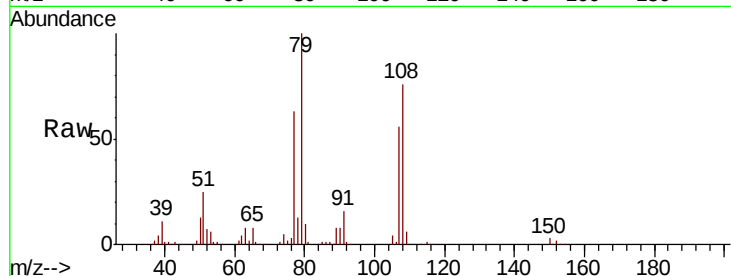
Tot Ion: 79 Resp: 363397

Ion Ratio Lower Upper

79 100

108 76.4 63.1 94.7

77 63.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.564 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

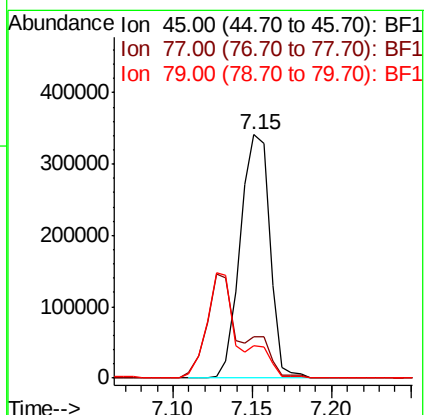
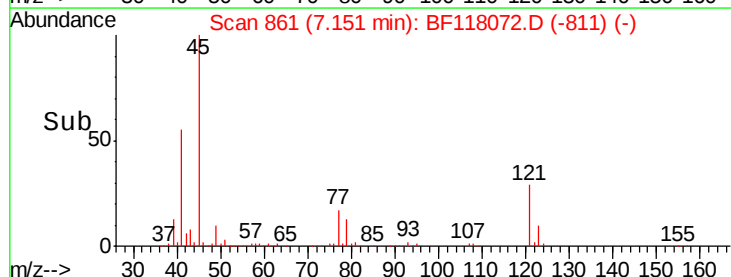
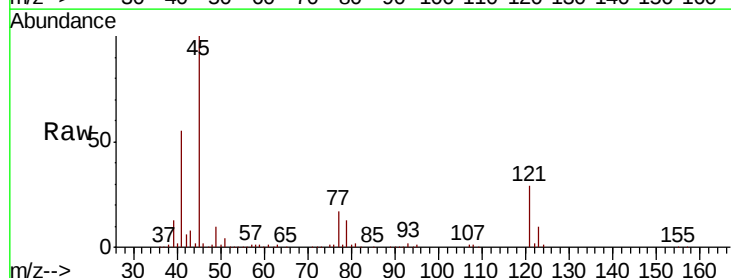
Tgt Ion: 45 Resp: 441223

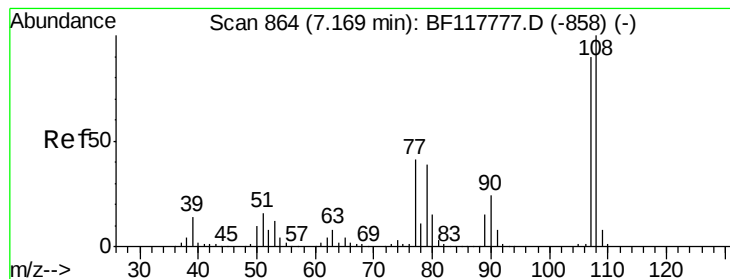
Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.8

79 13.4 0.0 33.5

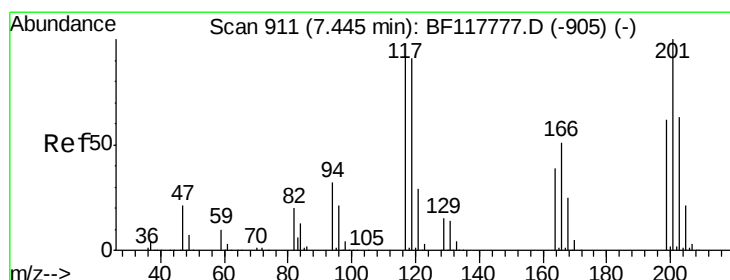
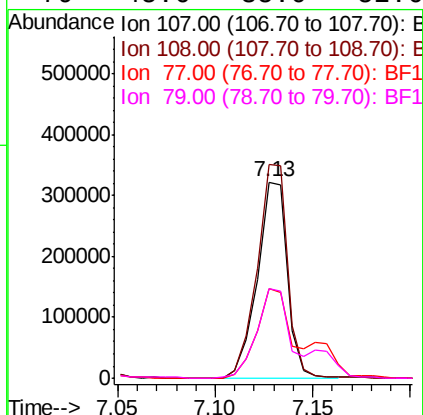
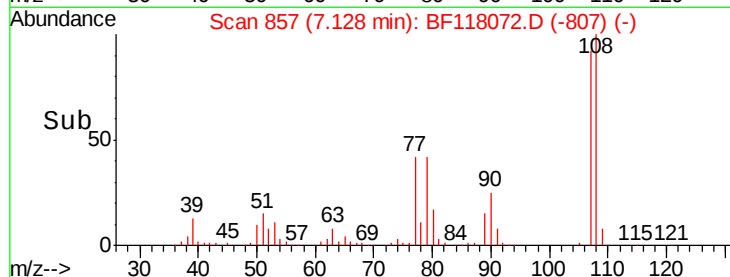
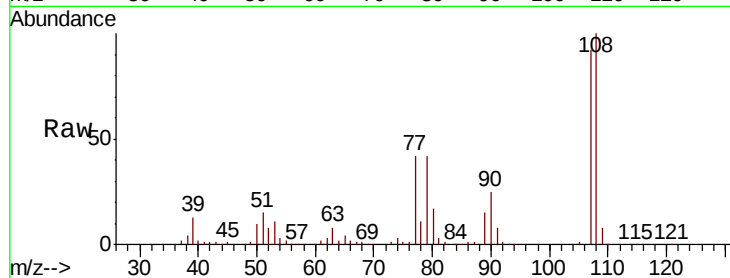




#17
2-Methylphenol
Concen: 46.619 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

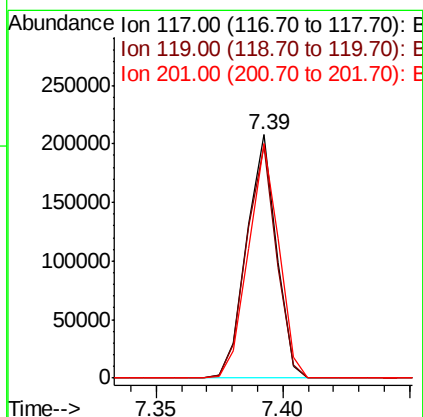
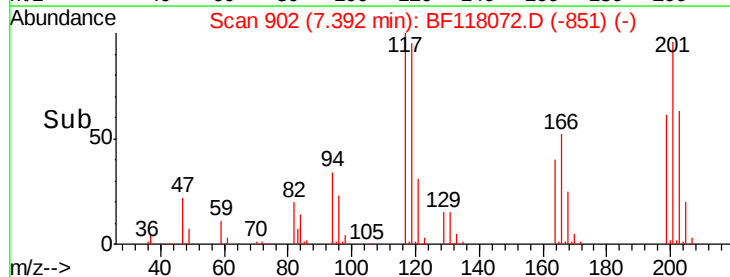
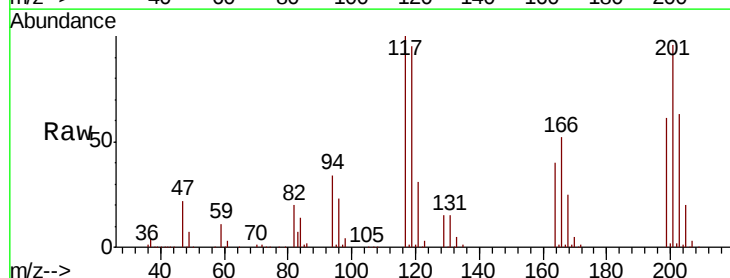
Instrument :
BNA_F
ClientSampleId :

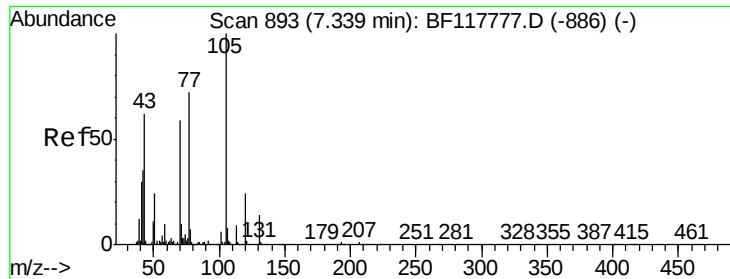
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.8	134.8
77	45.5	35.0	52.6
79	45.6	35.0	52.6



#18
Hexachloroethane
Concen: 44.826 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.4	114.6
201	96.4	71.7	107.5

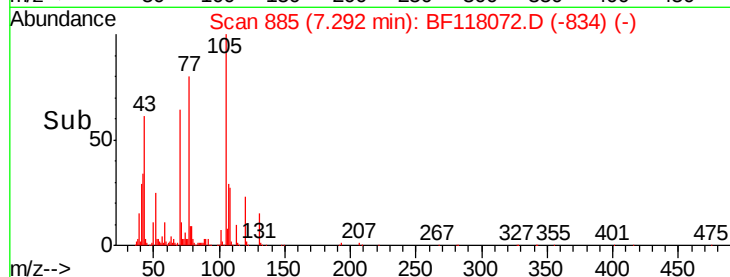
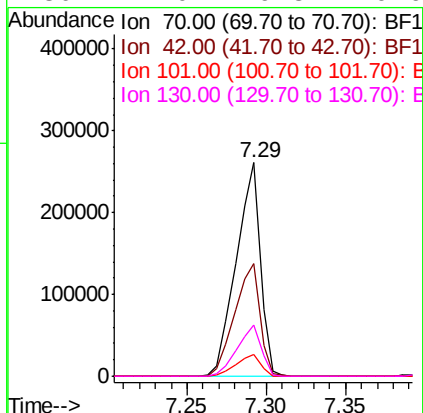
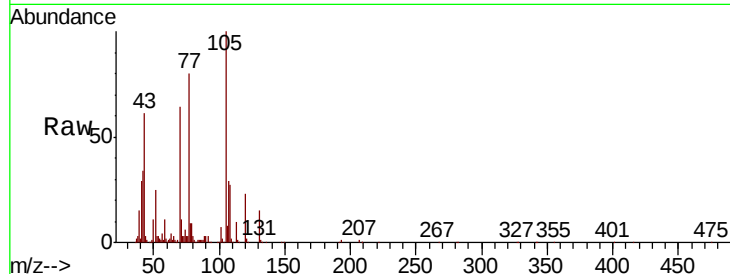




#19
n-Nitroso-di-n-propylamine
Concen: 46.148 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

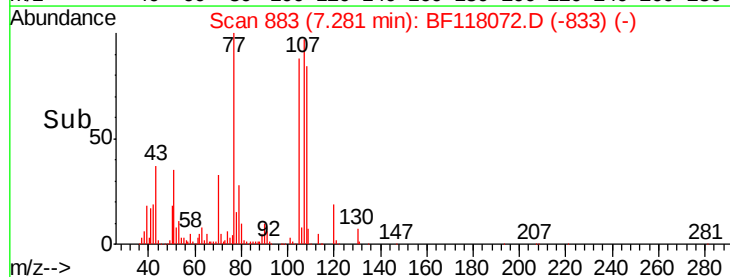
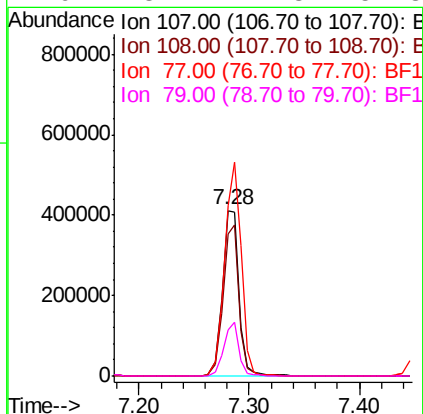
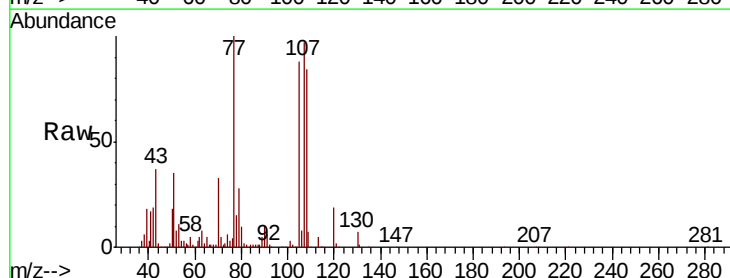
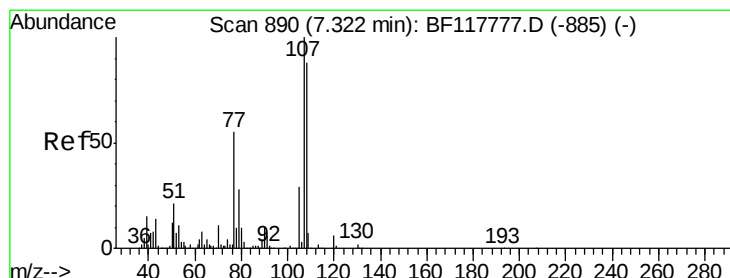
Instrument :
BNA_F
ClientSampleId :

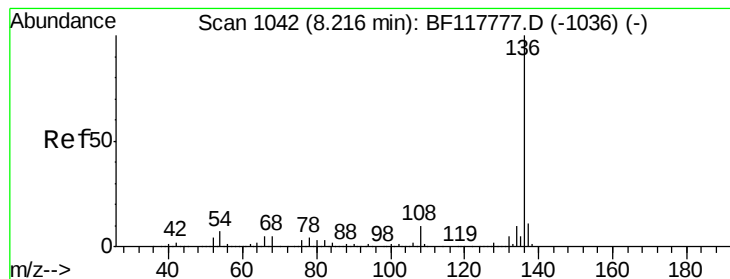
Tot Ion:	70	Resp:	274914
Ion	Ratio	Lower	Upper
70	100		
42	52.6	46.0	69.0
101	10.4	8.8	13.2
130	24.0	19.8	29.6



#20
3+4-Methylphenols
Concen: 46.719 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:	107	Resp:	426645
Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.9	111.9
77	102.6	91.6	131.6
79	28.2	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 562174

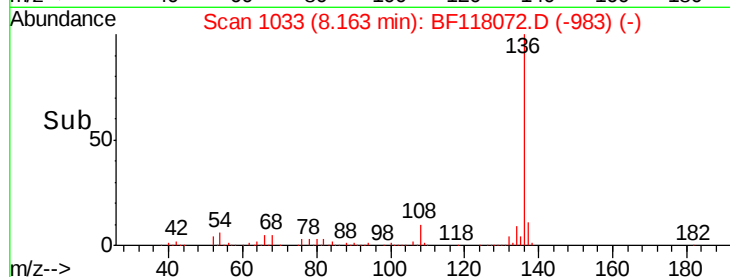
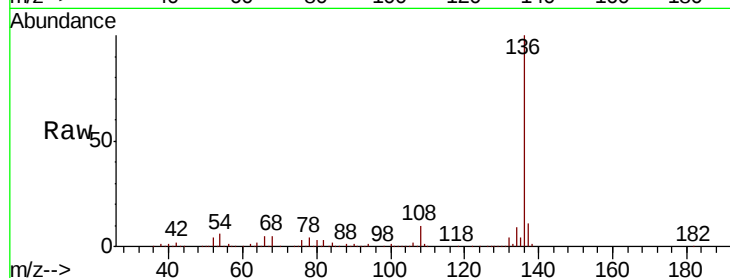
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.4 4.9 7.3

68 4.9 3.6 5.4



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

8.16

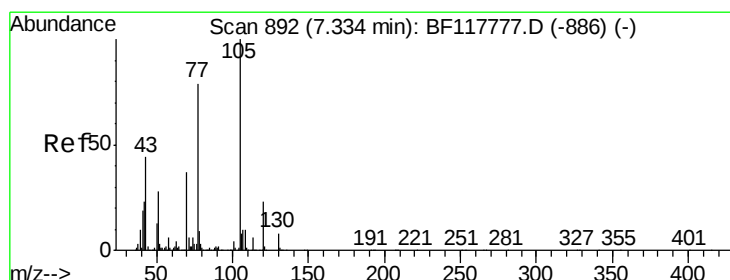
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 44.911 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:105 Resp: 567244

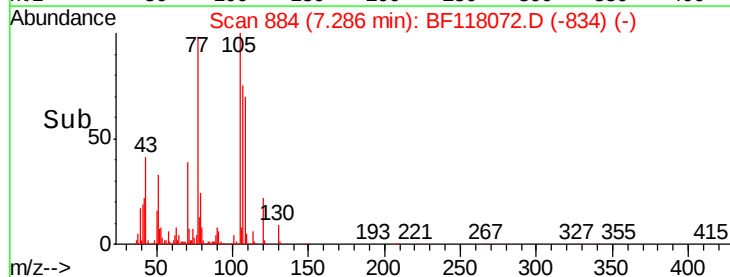
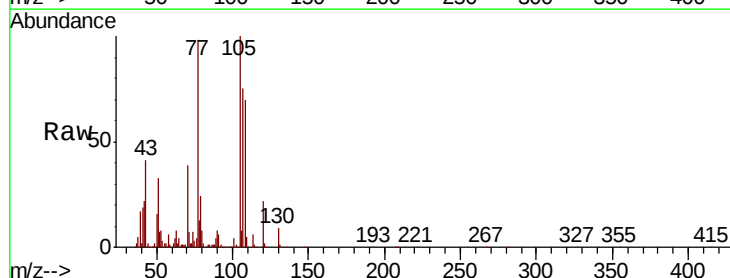
Ion Ratio Lower Upper

105 100

71 6.5 5.9 8.9

51 32.7 20.2 30.2#

120 22.4 17.9 26.9



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

7.29

800000

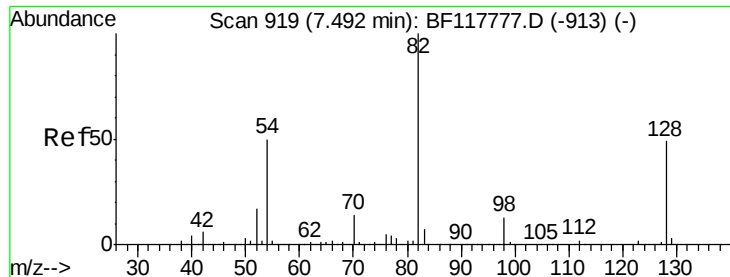
600000

400000

200000

0

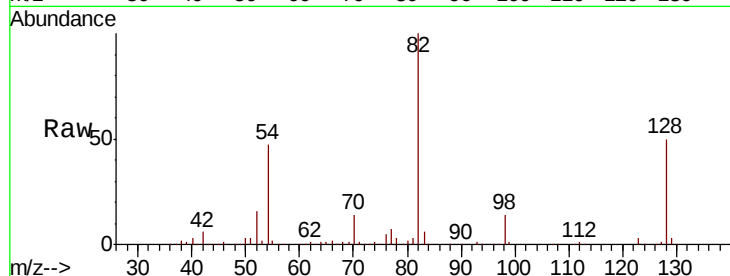
Time-->



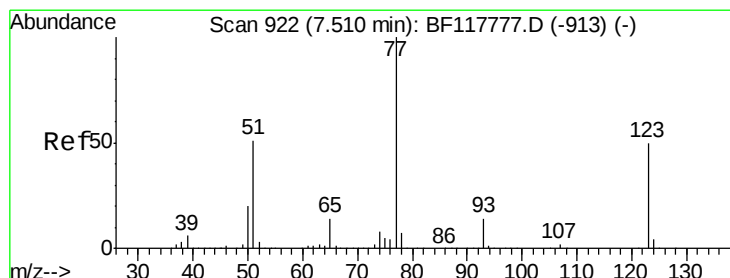
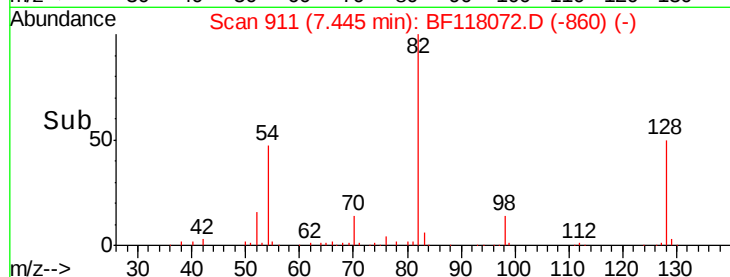
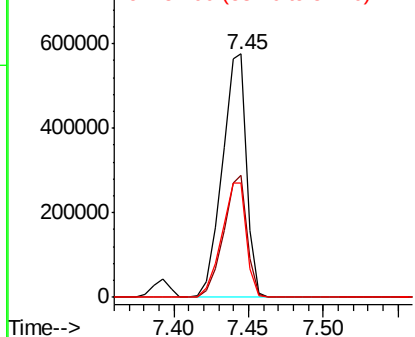
#23
 Nitrobenzene-d5
 Concen: 69.979 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 661783
 Ion Ratio Lower Upper
 82 100
 128 50.3 38.2 57.4
 54 46.9 39.0 58.4

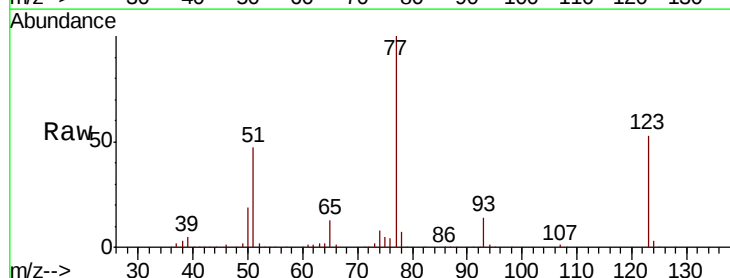


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

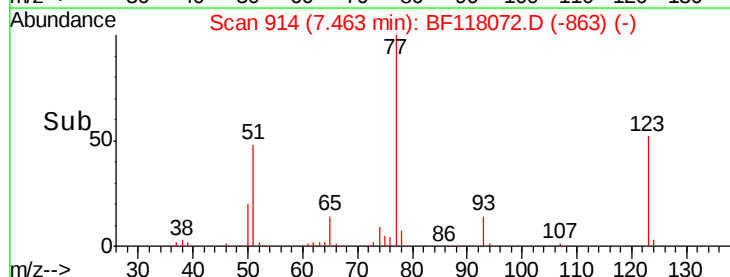
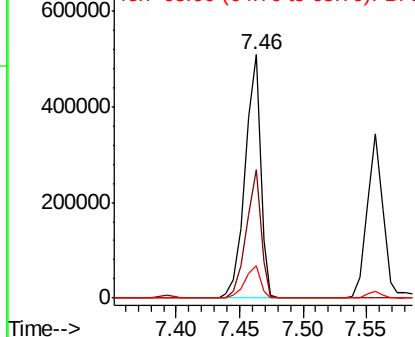


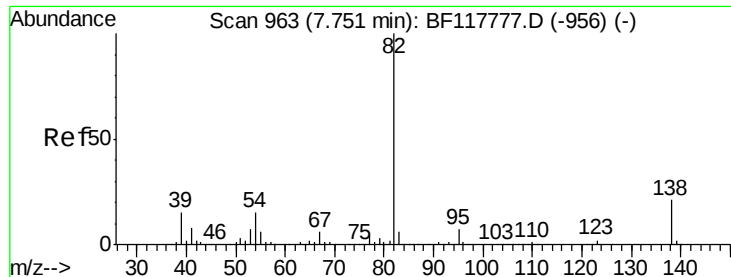
#24
 Nitrobenzene
 Concen: 43.732 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion: 77 Resp: 426654
 Ion Ratio Lower Upper
 77 100
 123 52.6 38.2 57.2
 65 13.2 11.1 16.7



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: 44.018 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

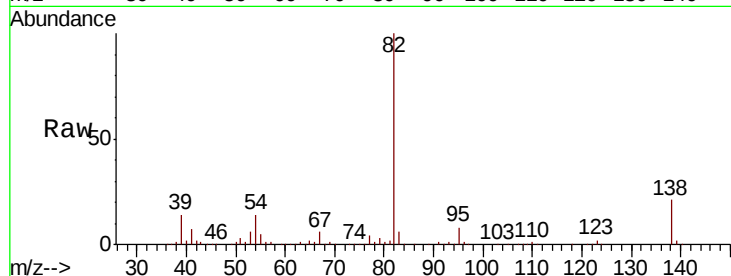
Tot Ion: 82 Resp: 762961

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

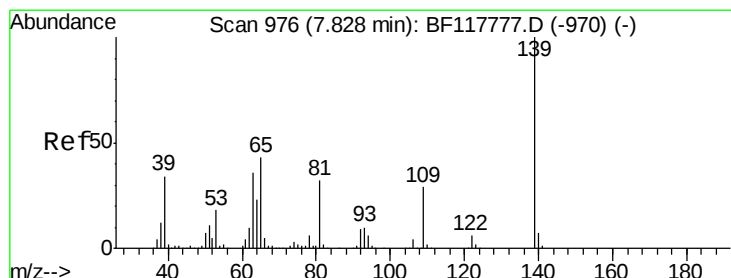
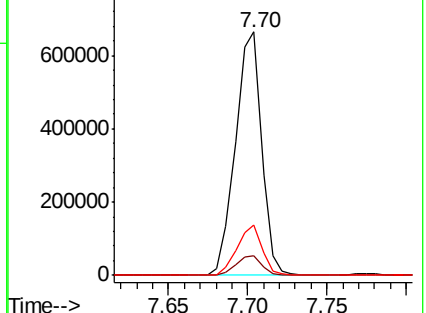
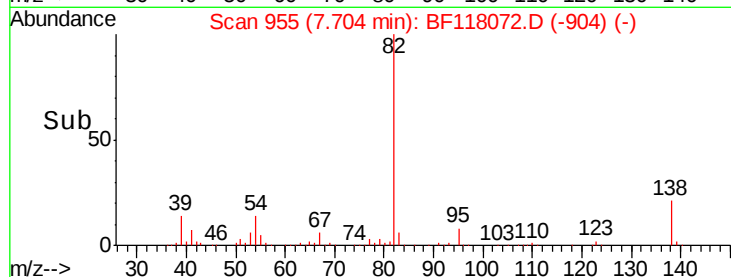
138 20.7 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.388 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

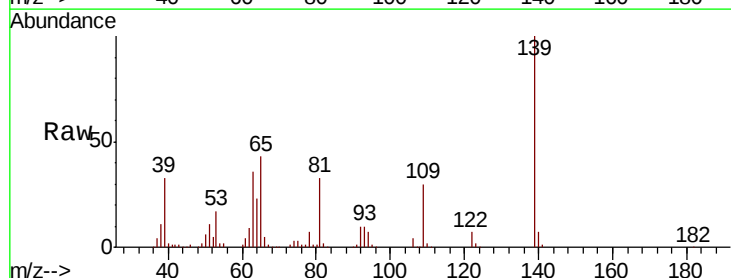
Tgt Ion: 139 Resp: 234522

Ion Ratio Lower Upper

139 100

109 30.4 23.8 35.6

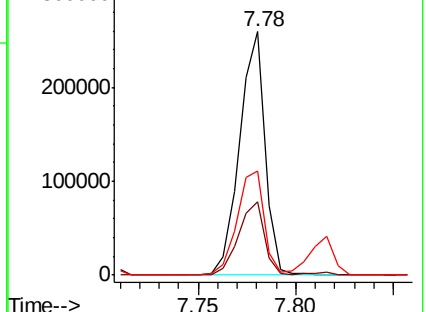
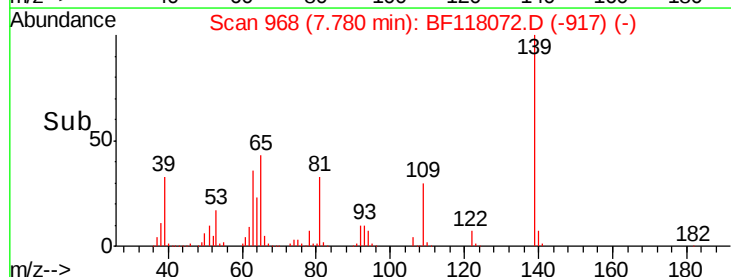
65 43.0 36.2 54.4

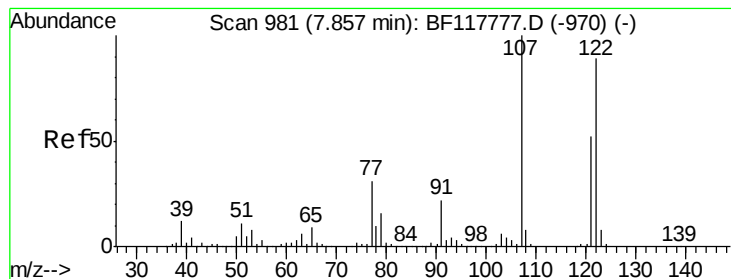


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.536 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

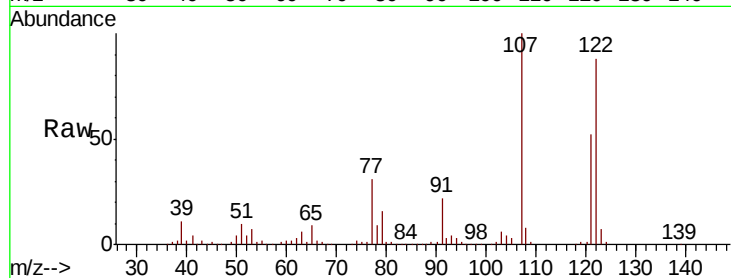
Tot Ion:122 Resp: 372887

Ion Ratio Lower Upper

122 100

107 114.0 92.6 138.8

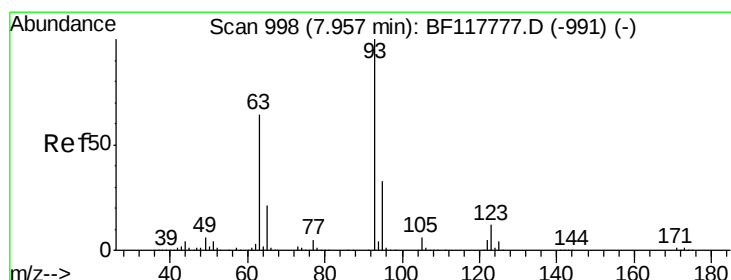
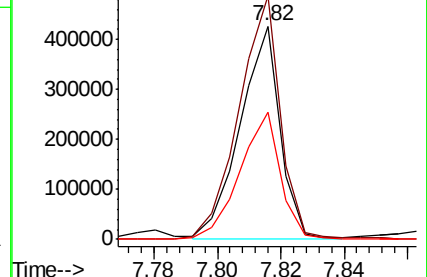
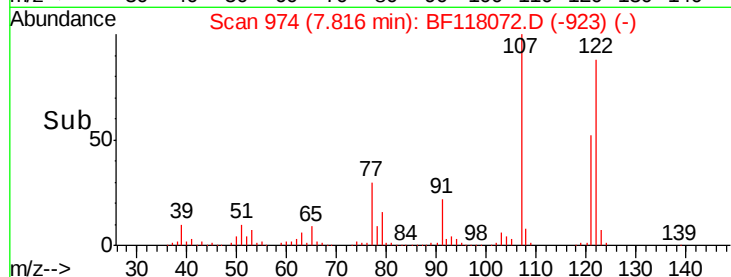
121 59.8 46.9 70.3



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: 43.329 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

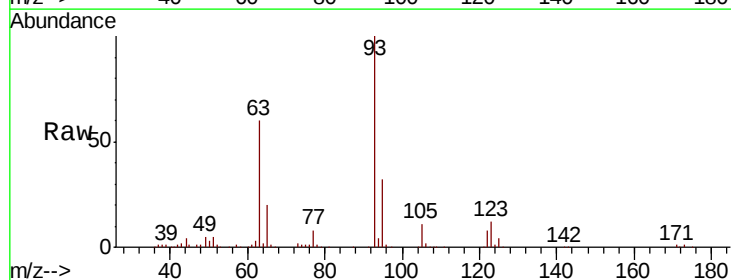
Tgt Ion: 93 Resp: 476585

Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

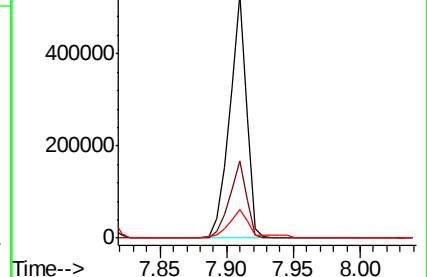
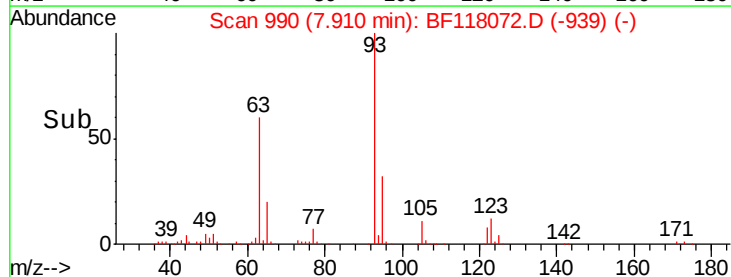
123 12.0 10.2 15.4

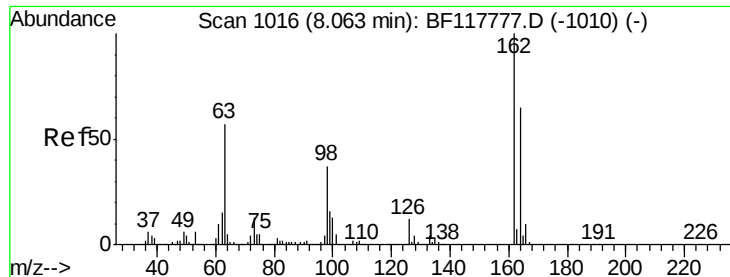


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

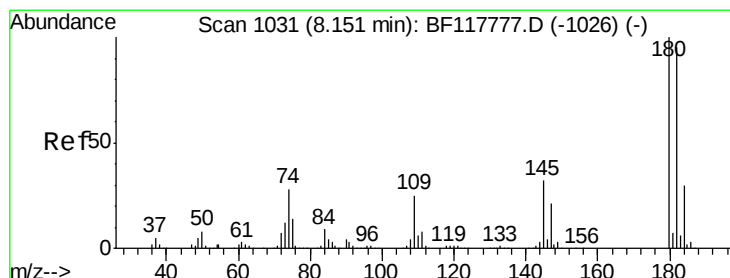
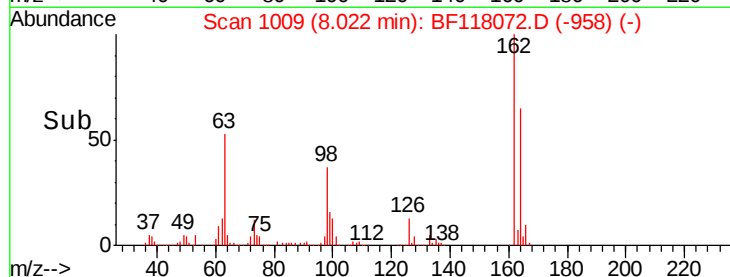
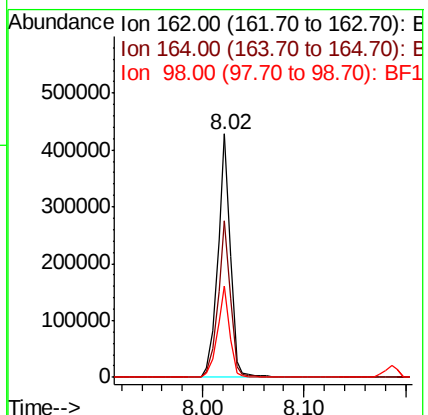
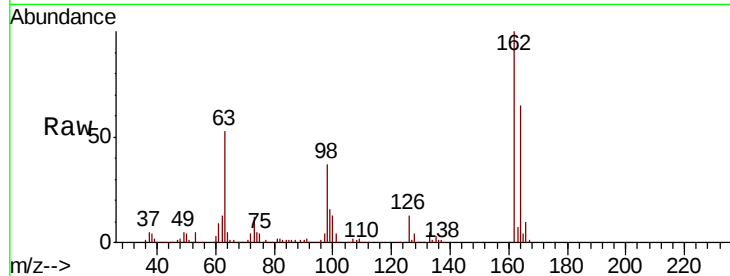




#29
2,4-Dichlorophenol
Concen: 45.730 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

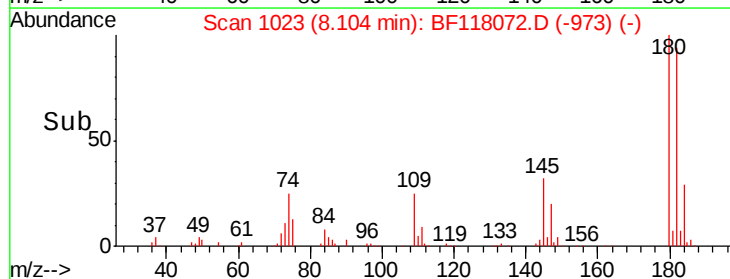
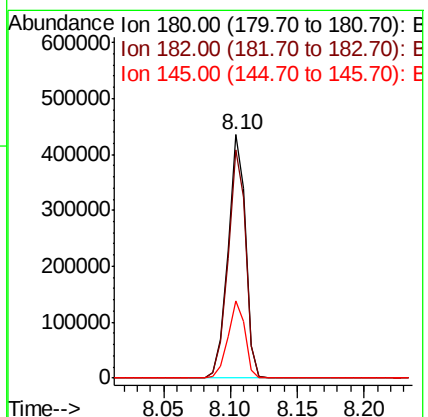
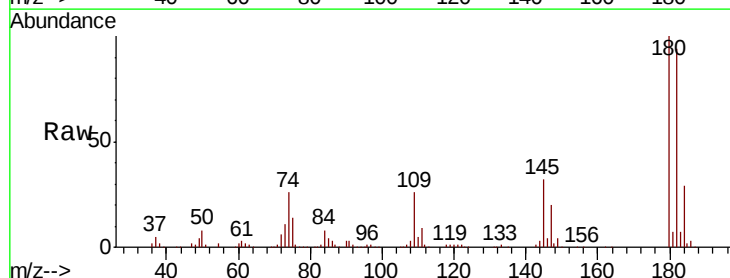
Instrument :
BNA_F
ClientSampled :

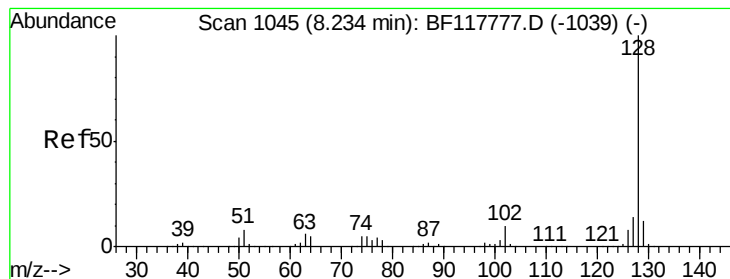
Tot Ion:162 Resp: 366015
Ion Ratio Lower Upper
162 100
164 64.6 42.9 82.9
98 37.3 16.7 56.7



#30
1,2,4-Trichlorobenzene
Concen: 43.560 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:180 Resp: 404407
Ion Ratio Lower Upper
180 100
182 93.8 76.6 114.8
145 31.8 25.1 37.7





#31

Naphthalene

Concen: 47.501 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

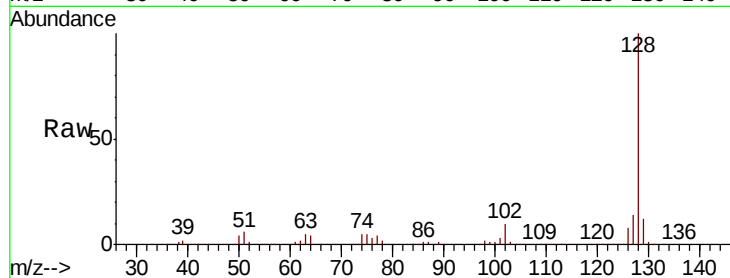
Tot Ion:128 Resp: 1244896

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

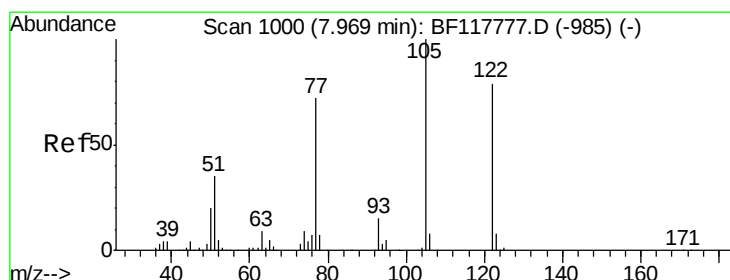
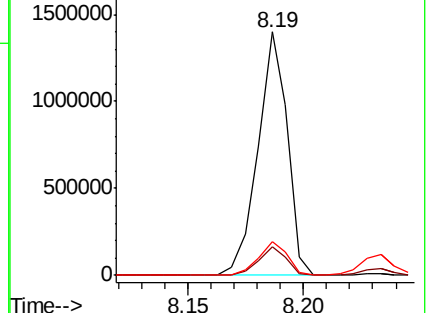
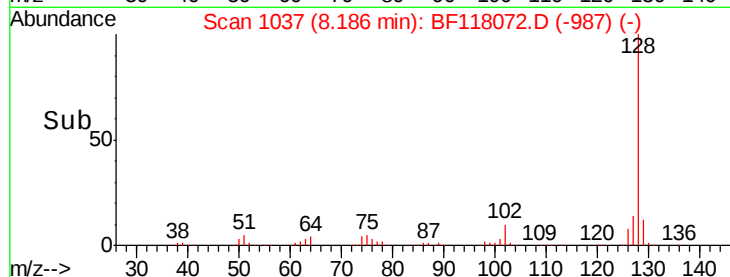
127 13.7 10.6 16.0



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: 42.027 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

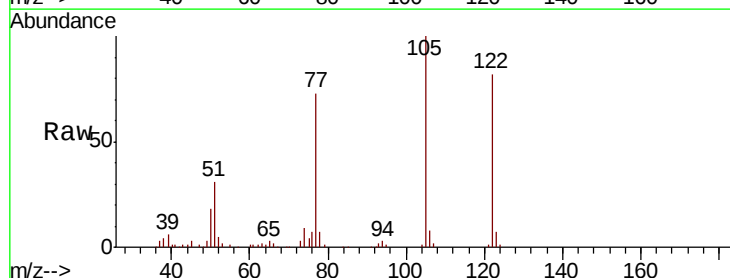
Tgt Ion:122 Resp: 259653

Ion Ratio Lower Upper

122 100

105 121.9 101.4 141.4

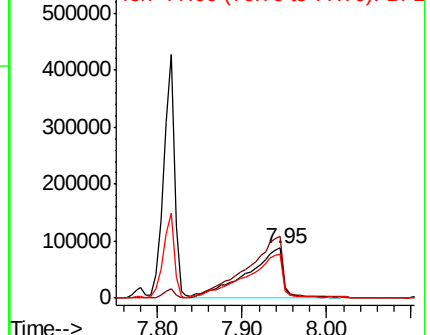
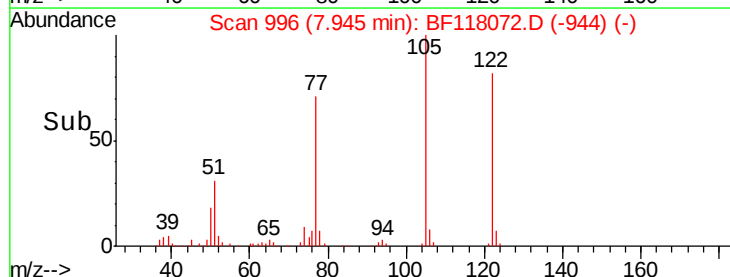
77 88.5 66.4 106.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

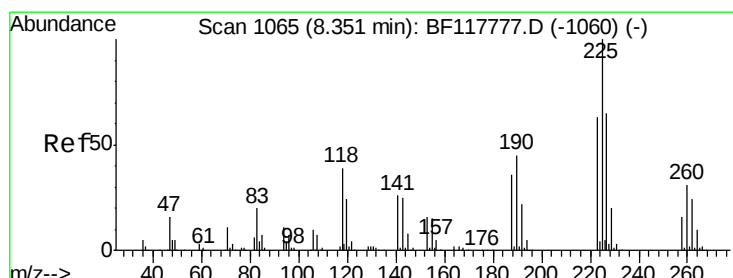
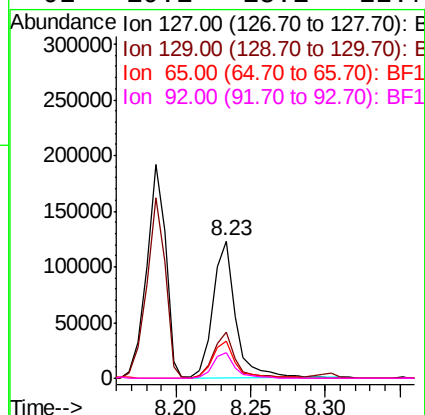
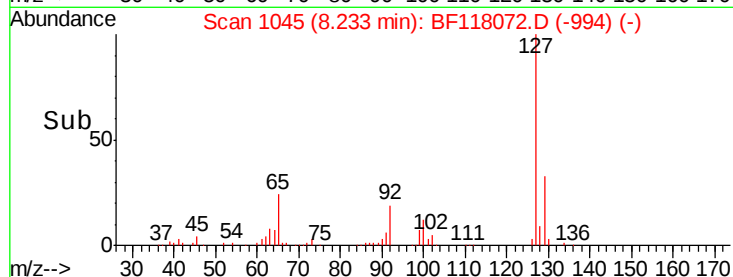
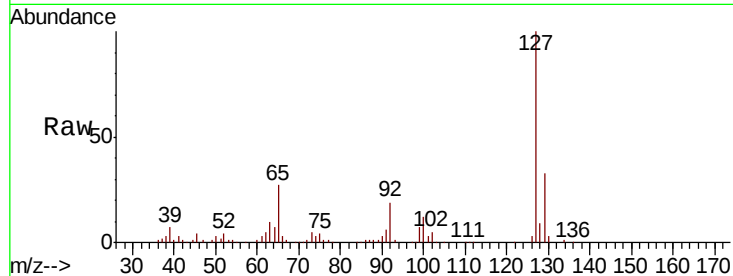




#33
4-Chloroaniline
Concen: 11.034 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

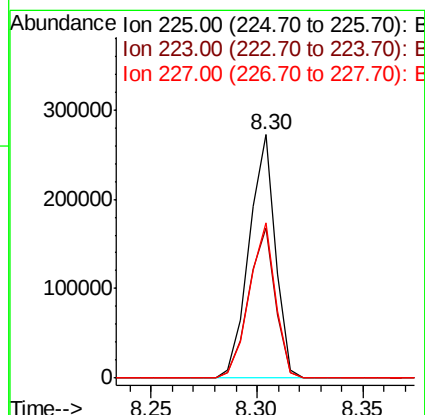
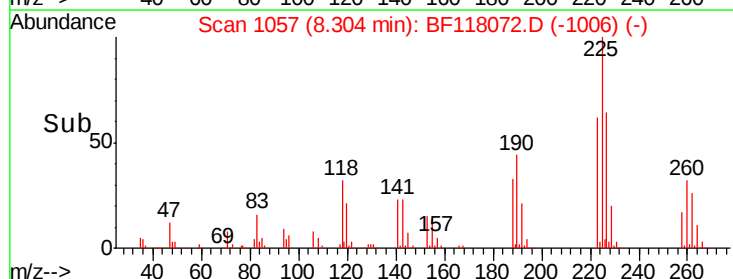
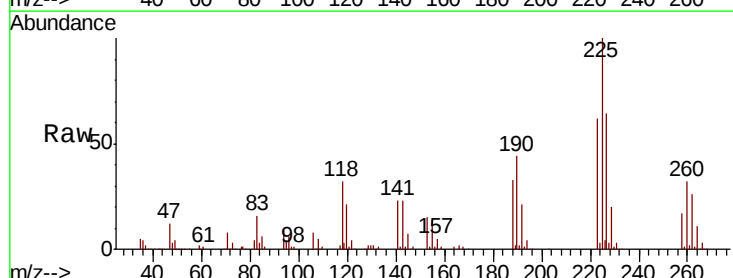
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	129462
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.4	38.0
65	26.7	23.4	35.0
92	19.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 43.295 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:	225	Resp:	235004
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	63.8	52.6	78.8

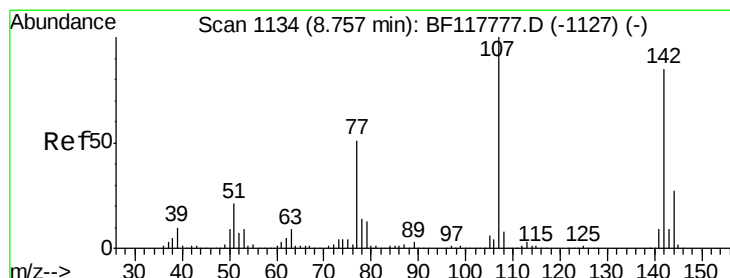
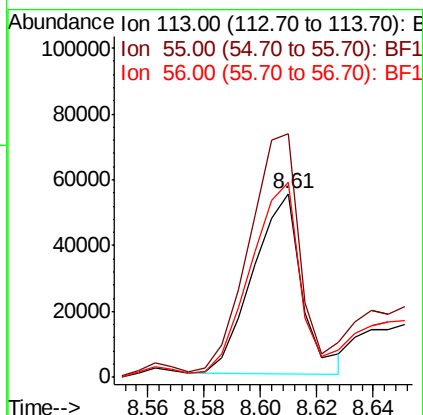
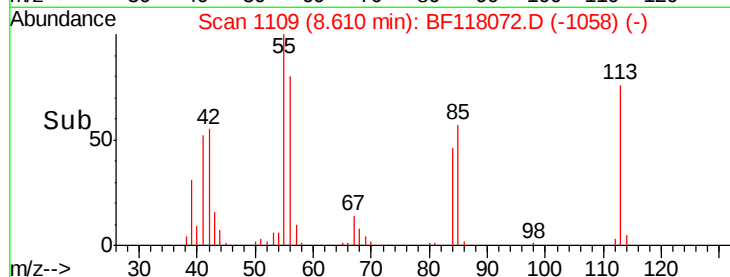
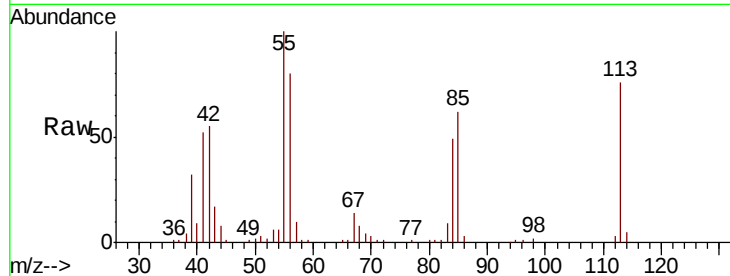




#35
Caprolactam
Concen: 26.069 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

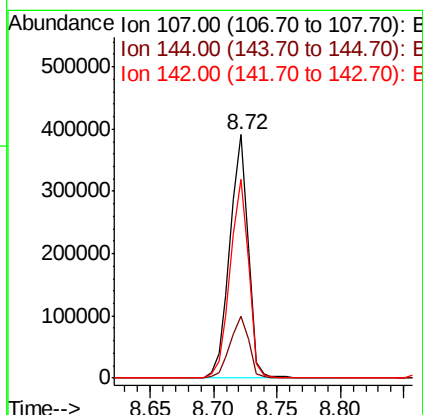
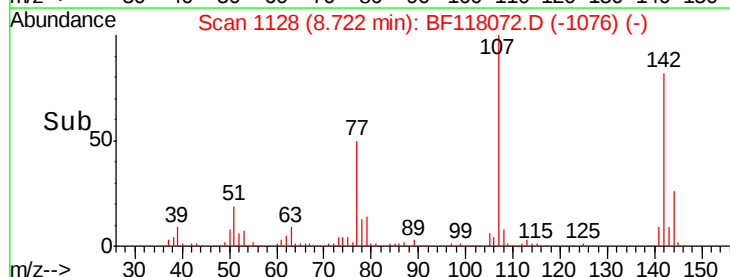
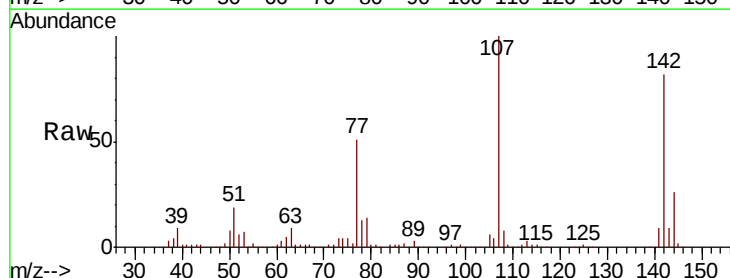
Instrument :
BNA_F
ClientSampleId :

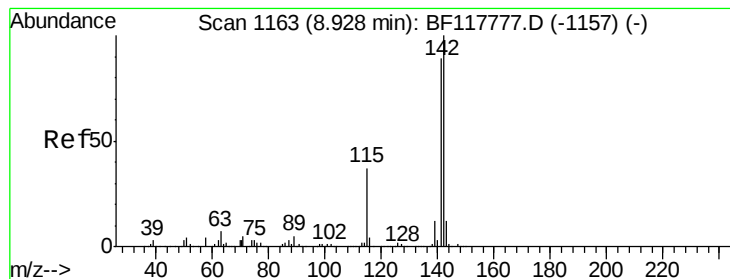
Tot Ion:113 Resp: 66313
Ion Ratio Lower Upper
113 100
55 132.4 125.5 165.5
56 105.9 88.0 128.0



#36
4-Chloro-3-methylphenol
Concen: 48.290 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:107 Resp: 392246
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 81.5 62.5 93.7





#37

2-Methylnaphthalene

Concen: 48.411 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

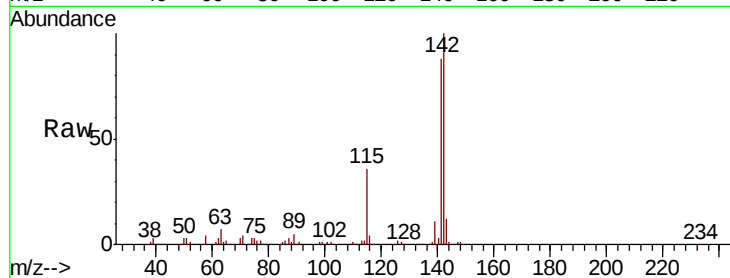
Tot Ion:142 Resp: 857252

Ion Ratio Lower Upper

142 100

141 87.9 70.2 105.4

115 35.8 29.2 43.8

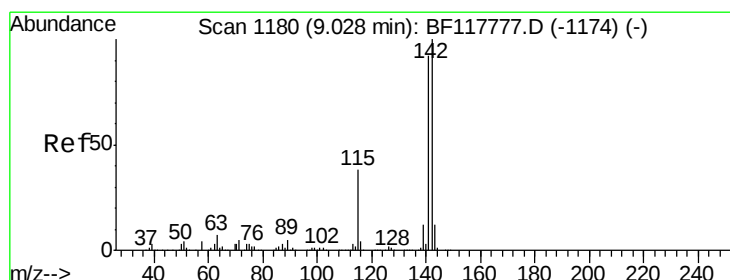
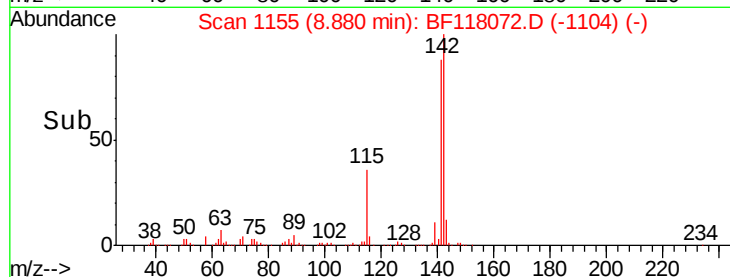
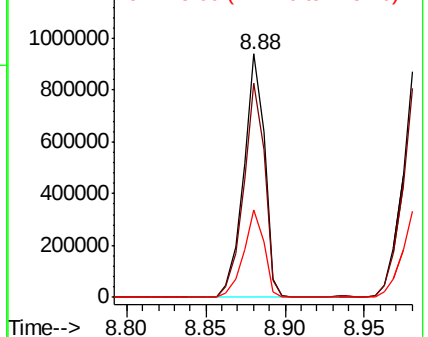


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.287 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

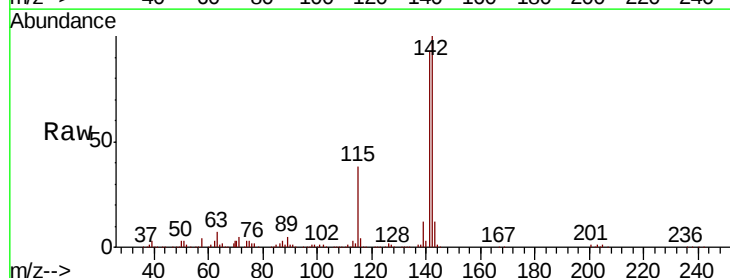
Tgt Ion:142 Resp: 791628

Ion Ratio Lower Upper

142 100

141 92.8 73.6 110.4

116 4.0 3.1 4.7

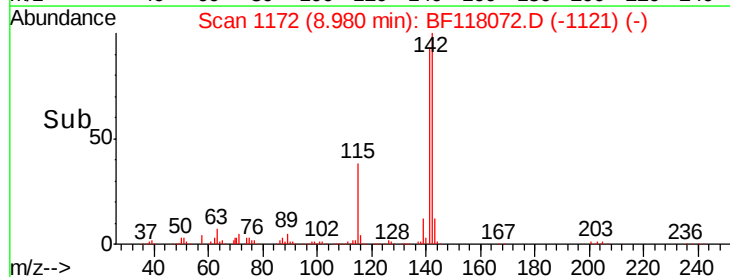
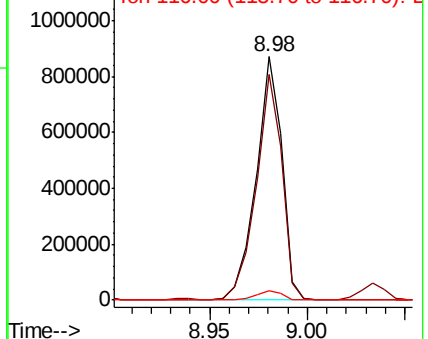


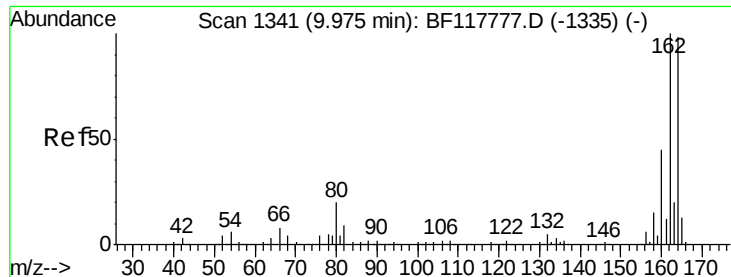
Abundance

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

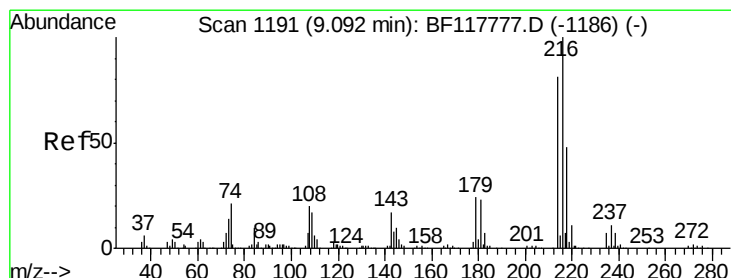
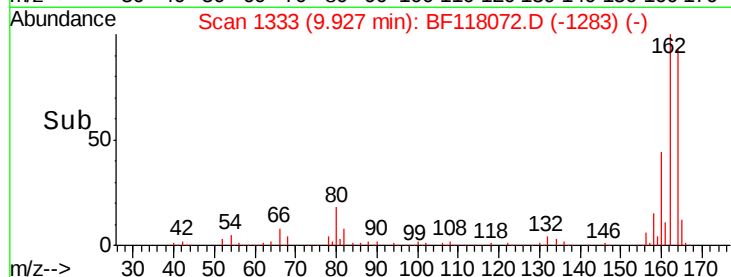
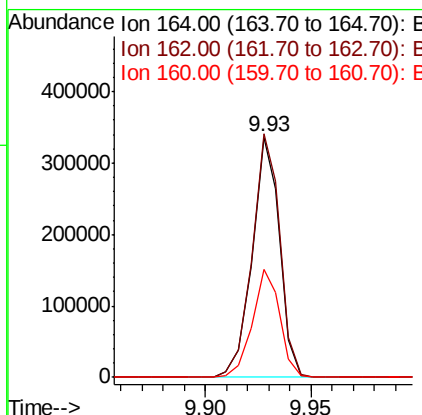
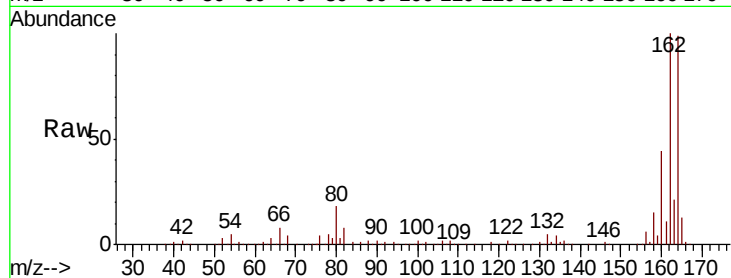




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

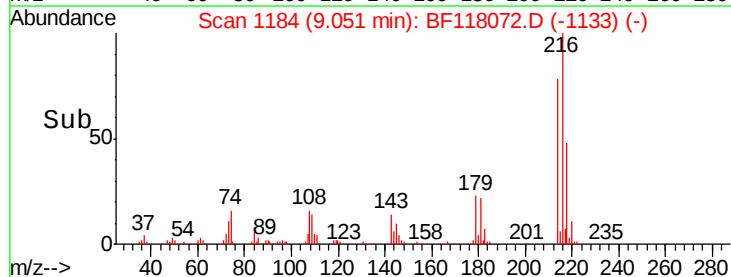
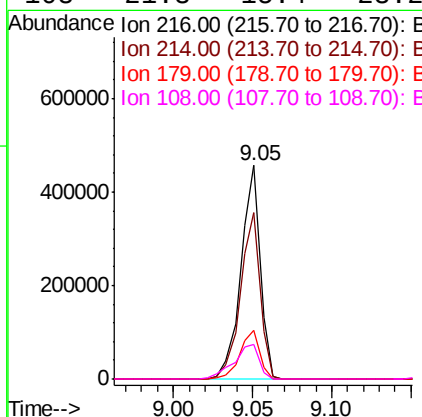
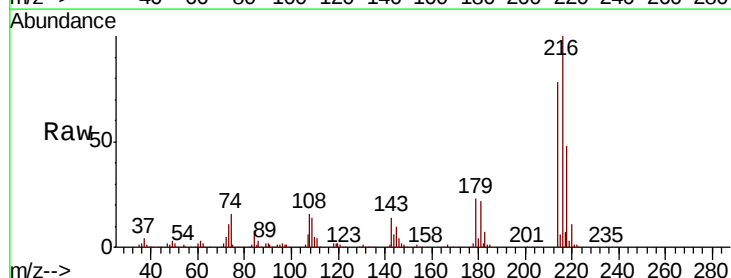
Instrument :
 BNA_F
 ClientSampleId :

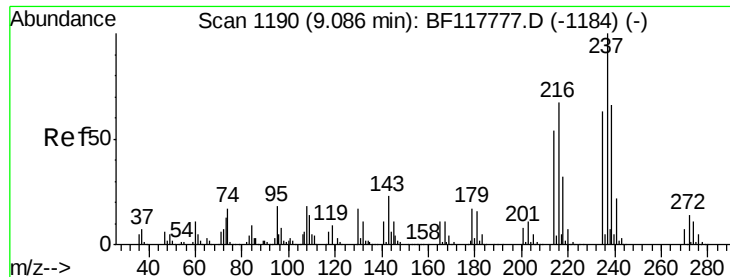
Tot Ion:164 Resp: 302373
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.8
 160 45.1 35.9 53.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.861 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion:216 Resp: 385157
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.0 94.4
 179 23.3 18.5 27.7
 108 21.3 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 84.915 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampled :

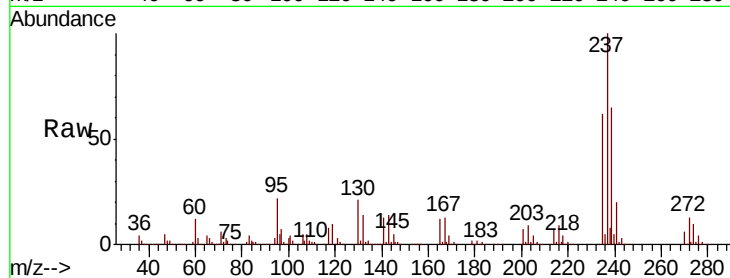
Tot Ion:237 Resp: 417867

Ion Ratio Lower Upper

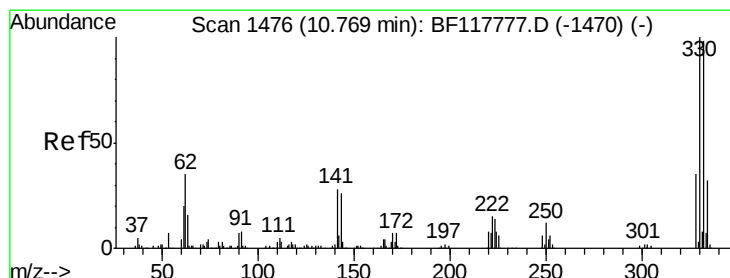
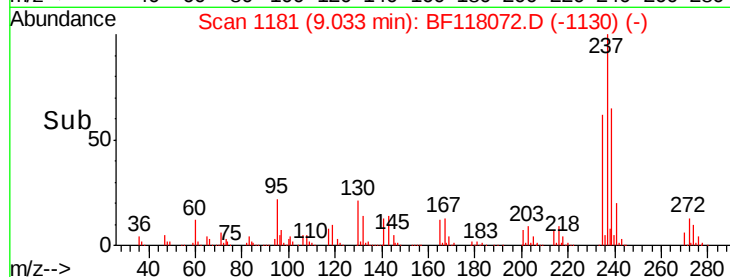
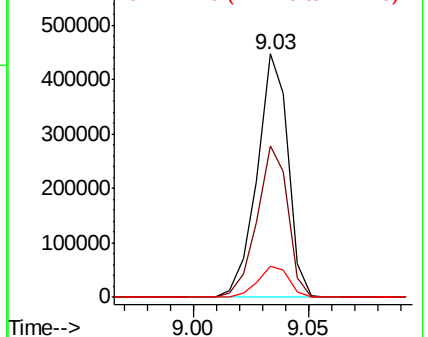
237 100

235 62.3 43.7 83.7

272 12.8 0.0 32.7



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: 122.040 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

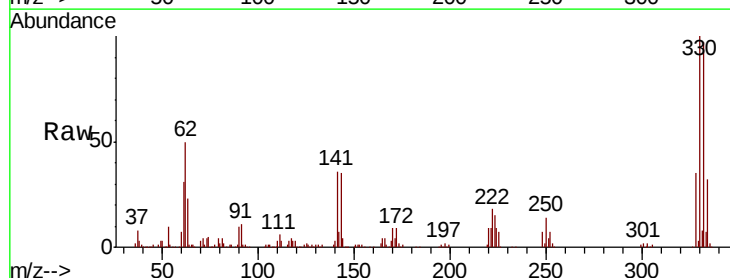
Tgt Ion:330 Resp: 390672

Ion Ratio Lower Upper

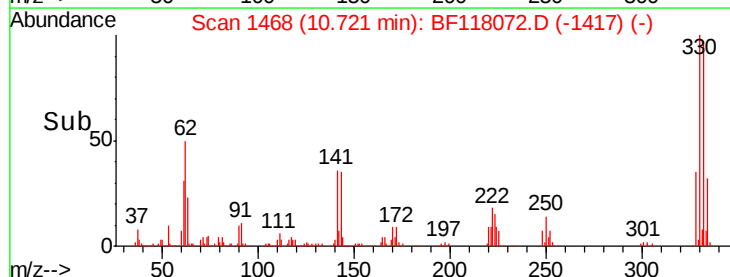
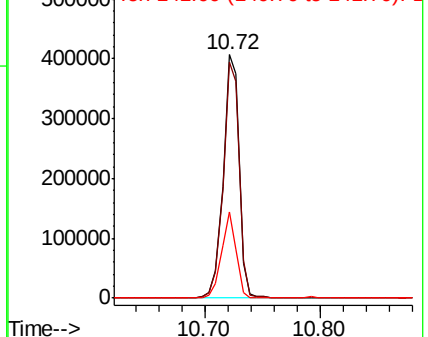
330 100

332 97.5 78.3 117.5

141 32.6 26.4 39.6



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

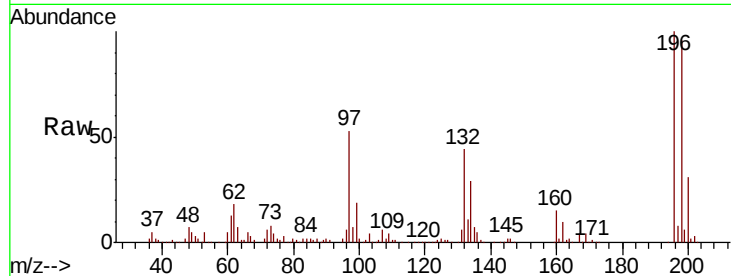




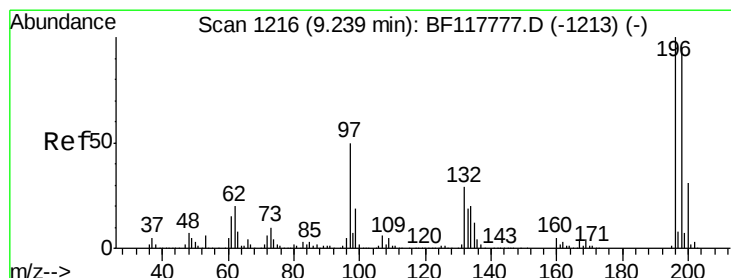
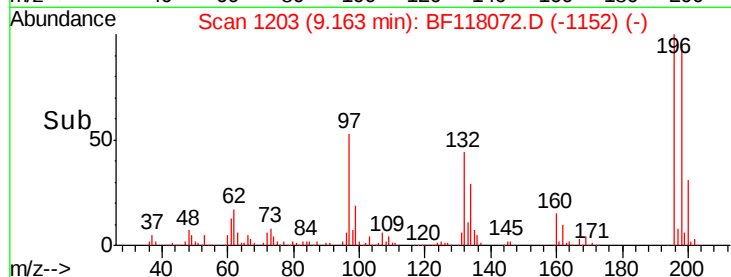
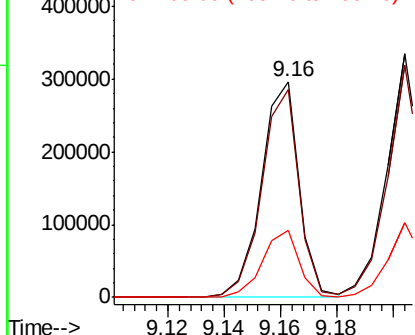
#43
 2,4,6-Trichlorophenol
 Concen: 43.533 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 273808
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.9 115.3
 200 31.2 24.2 36.4

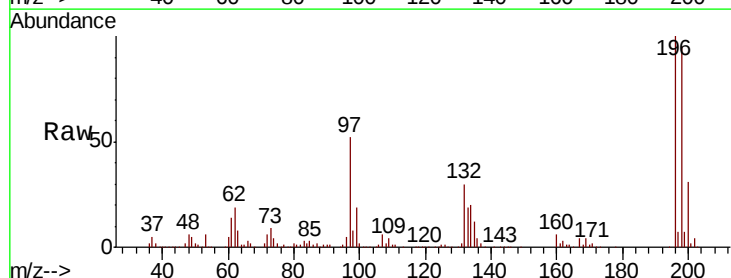


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

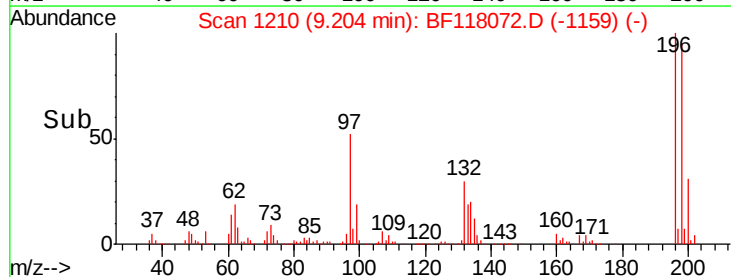
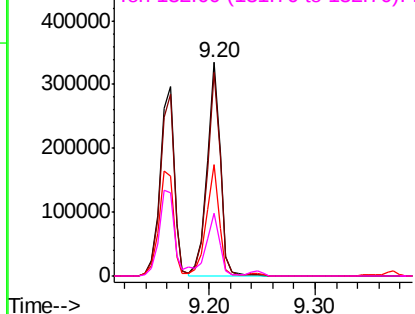


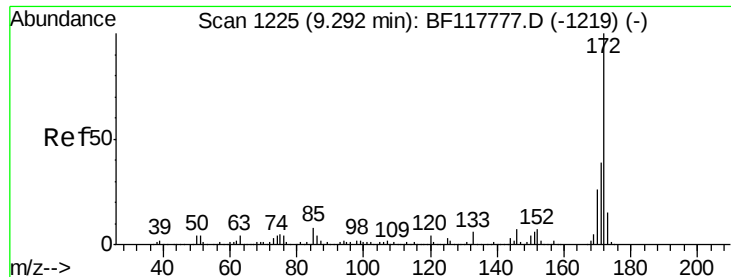
#44
 2,4,5-Trichlorophenol
 Concen: 44.858 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion:196 Resp: 292941
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.1 117.1
 97 52.0 37.4 56.2
 132 29.7 22.7 34.1



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

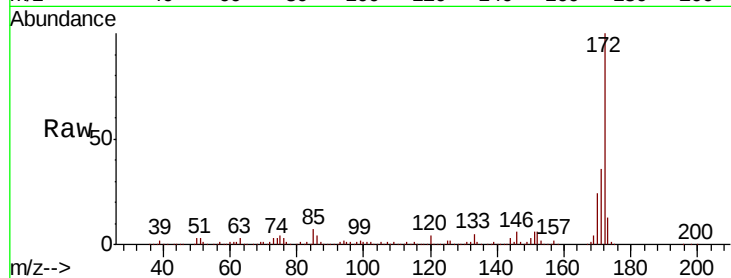




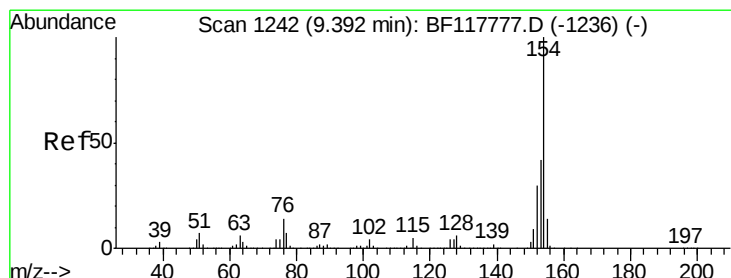
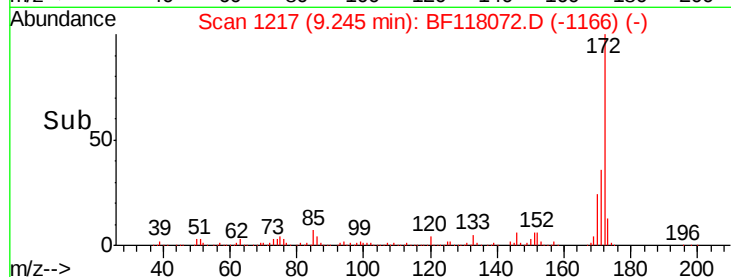
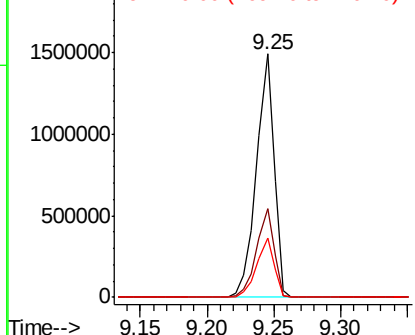
#45
2-Fluorobiphenyl
Concen: 79.713 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1343514
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.2 19.3 28.9

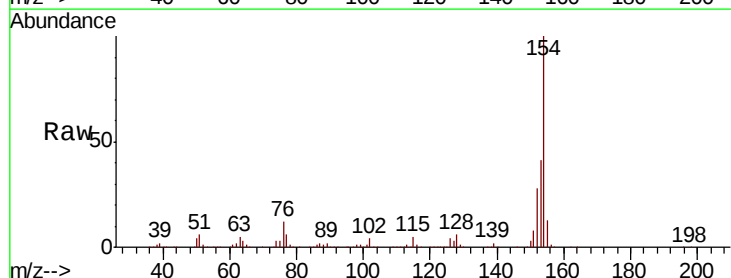


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

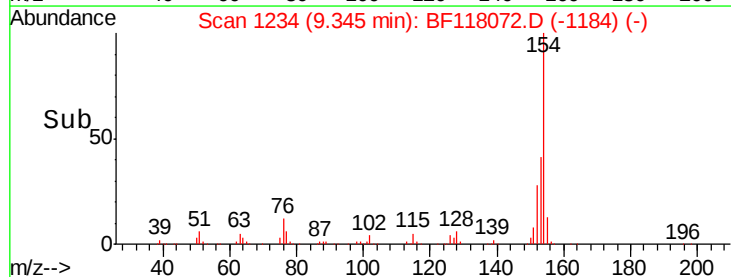
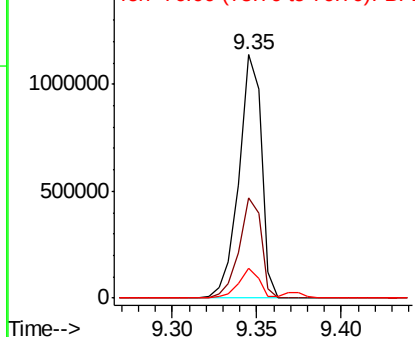


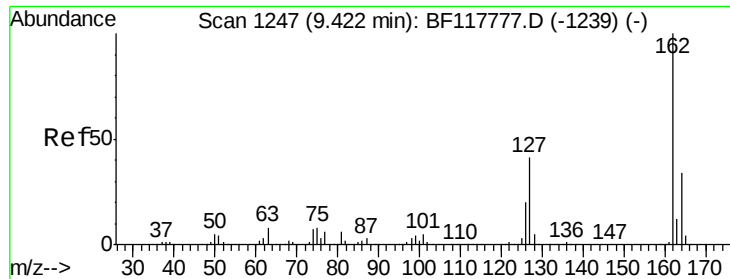
#46
1,1'-Biphenyl
Concen: 47.204 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:154 Resp: 1058936
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 12.1 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

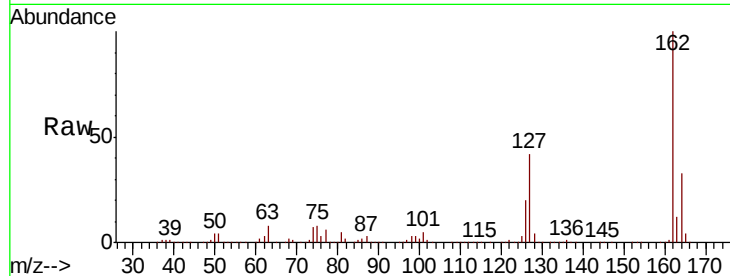




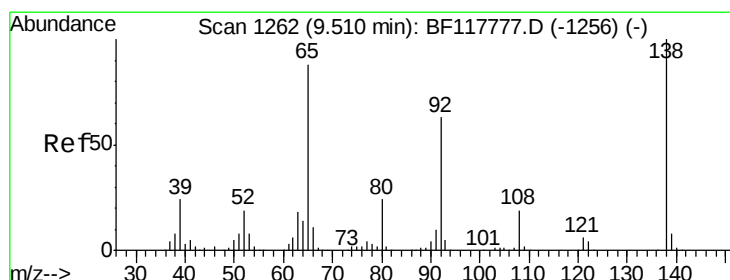
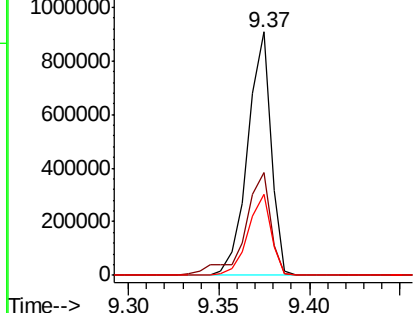
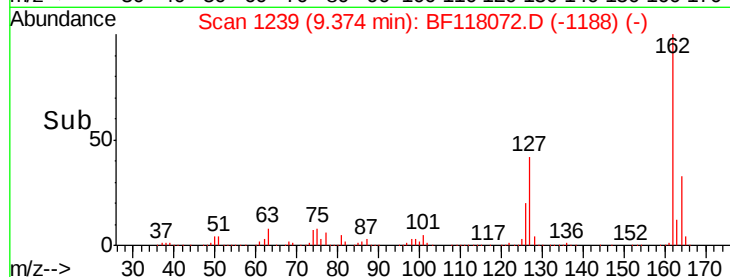
#47
 2-Chloronaphthalene
 Concen: 43.823 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 808745
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.6 52.0
 164 33.3 26.0 39.0

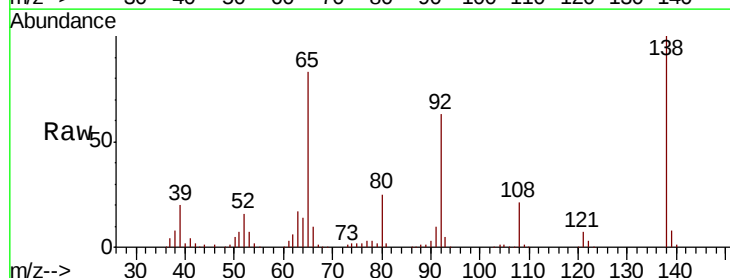


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

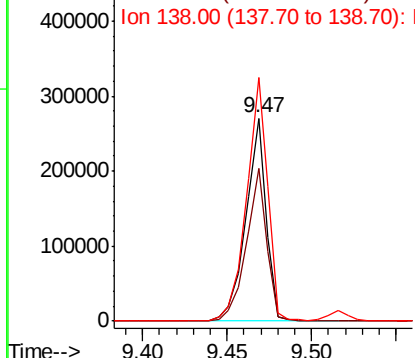
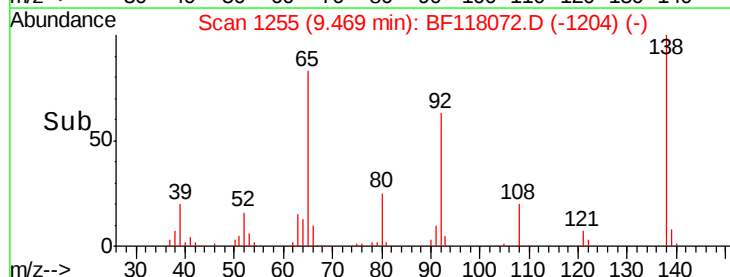


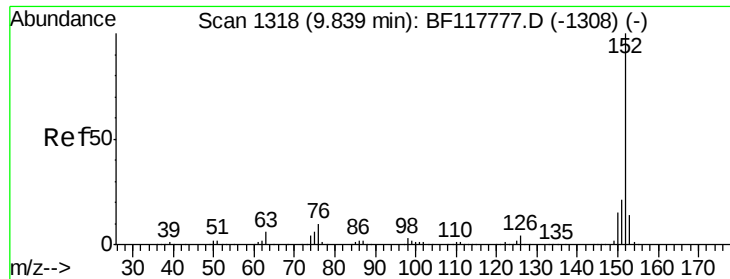
#48
 2-Nitroaniline
 Concen: 41.151 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion: 65 Resp: 229274
 Ion Ratio Lower Upper
 65 100
 92 75.6 57.9 86.9
 138 120.1 96.2 144.2



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: 48.044 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

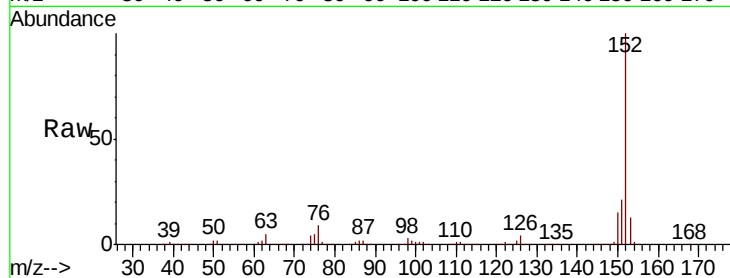
Tot Ion:152 Resp: 1292687

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

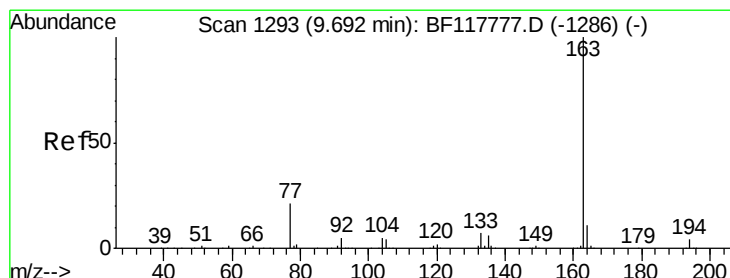
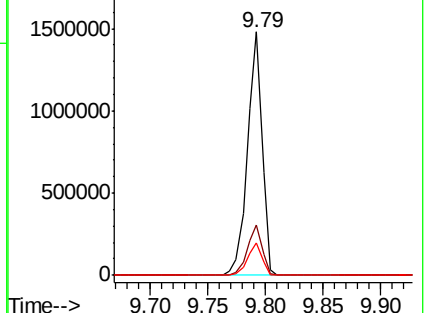
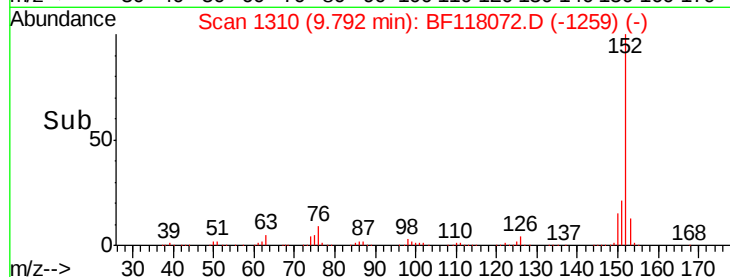
153 13.4 11.1 16.7



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: 54.177 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

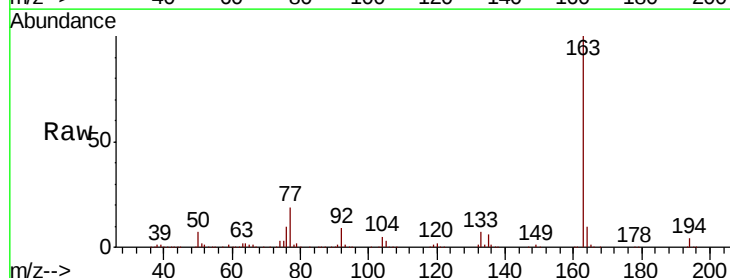
Tgt Ion:163 Resp: 1148759

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

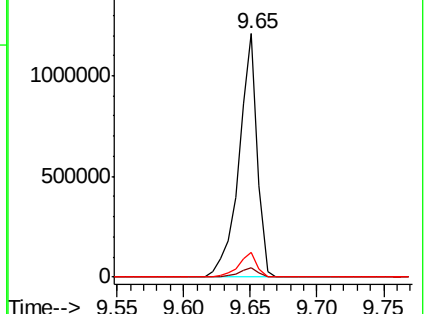
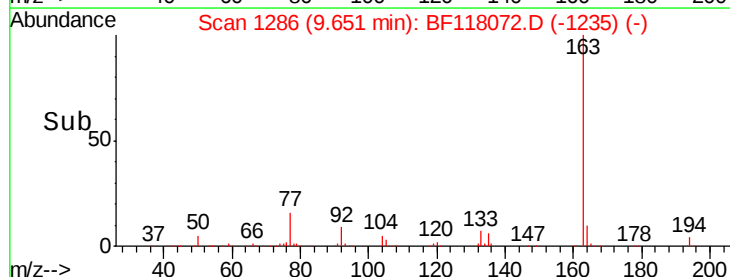
164 10.0 7.9 11.9

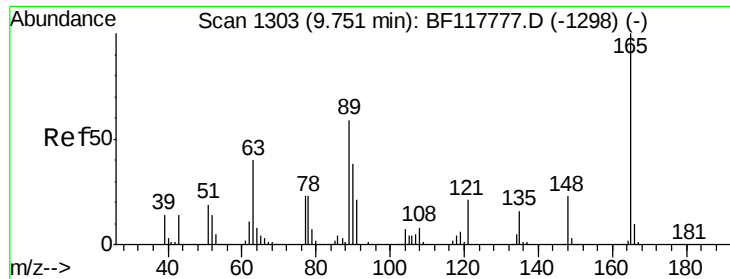


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

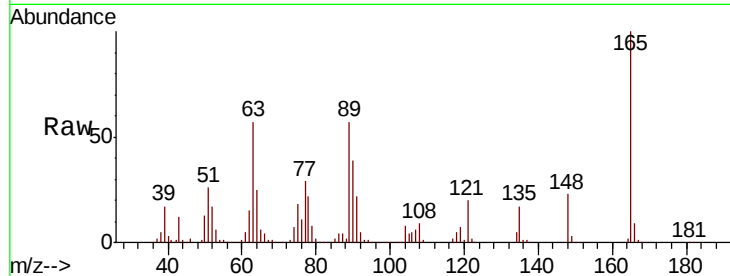




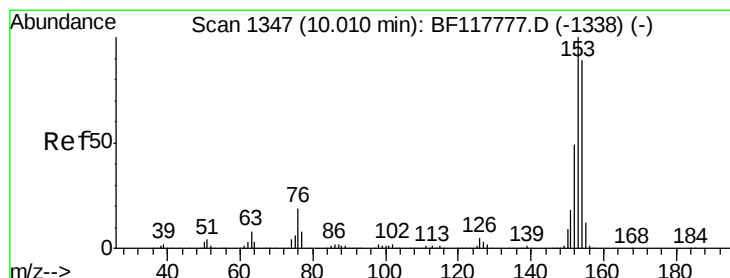
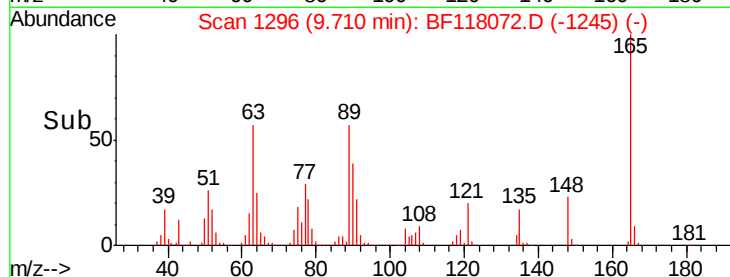
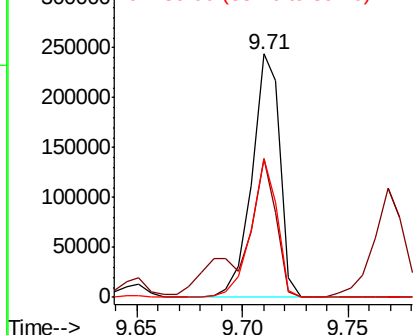
#51
2,6-Dinitrotoluene
Concen: 48.326 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 223948
Ion Ratio Lower Upper
165 100
63 56.8 43.9 65.9
89 56.9 45.5 68.3

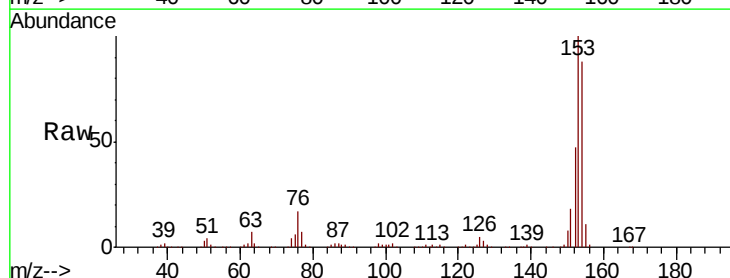


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

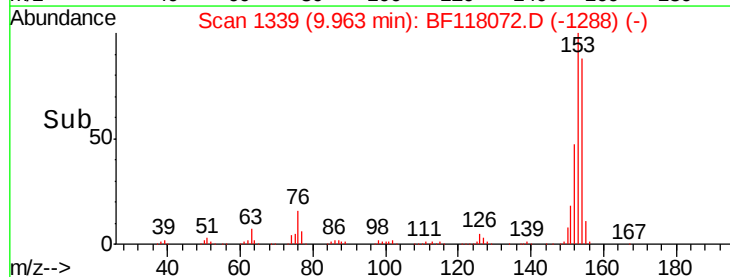
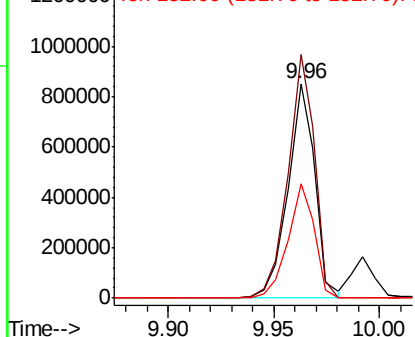


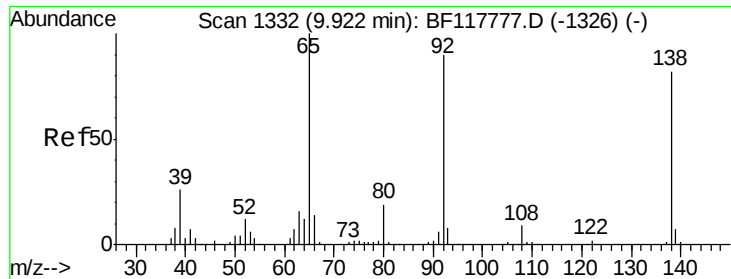
#52
Acenaphthene
Concen: 43.946 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:154 Resp: 757447
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 53.4 43.6 65.4



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

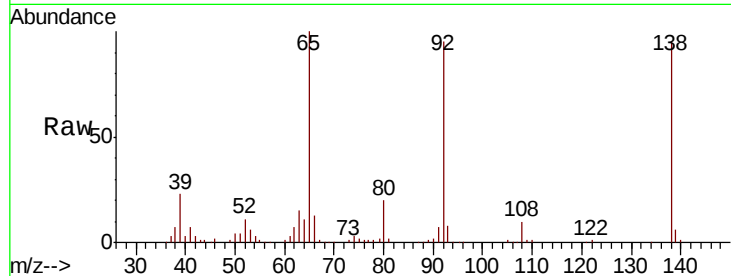




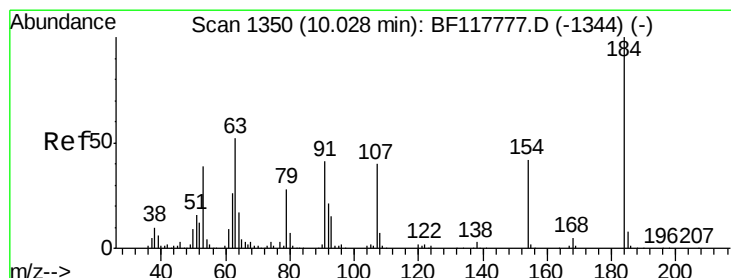
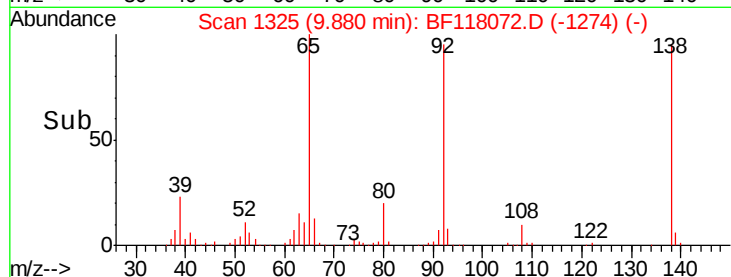
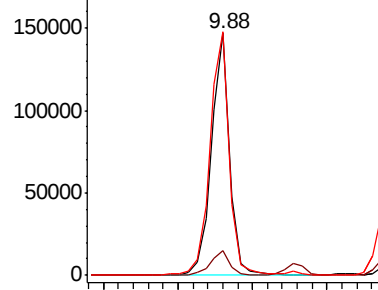
#53
3-Nitroaniline
Concen: 22.552 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 125052
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 100.5 87.4 131.0

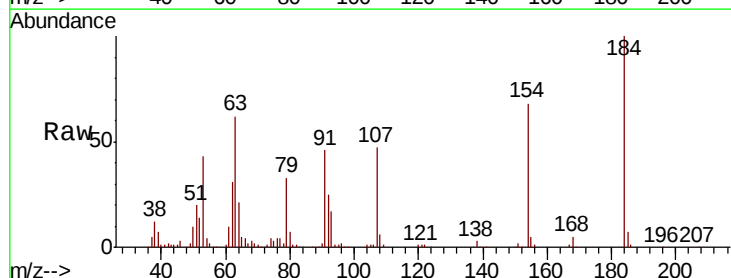


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

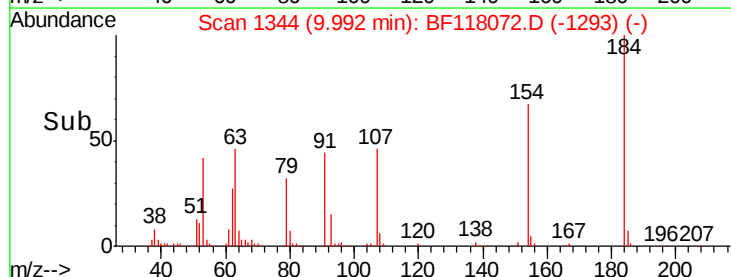
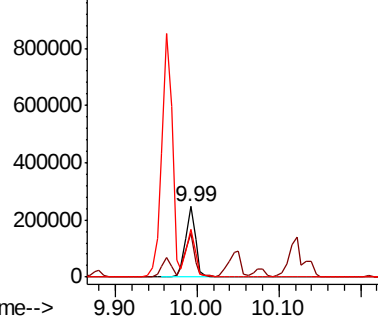


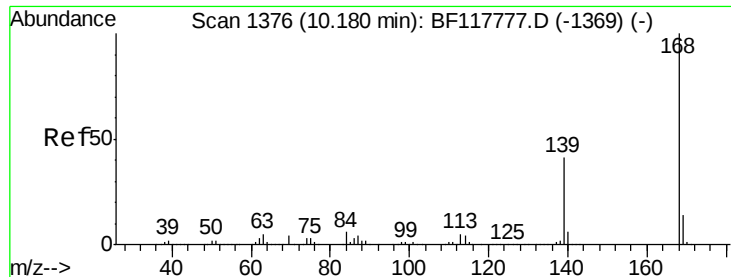
#54
2,4-Dinitrophenol
Concen: 90.073 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:184 Resp: 216854
Ion Ratio Lower Upper
184 100
63 62.1 45.3 67.9
154 67.6 51.6 77.4



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

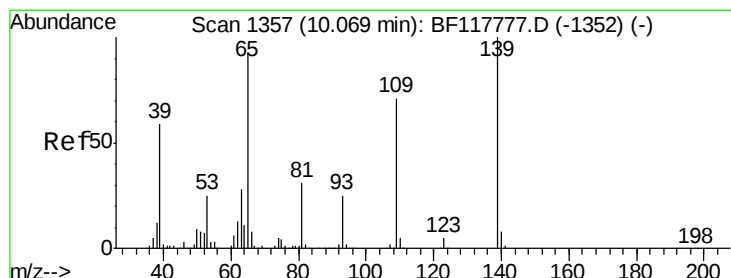
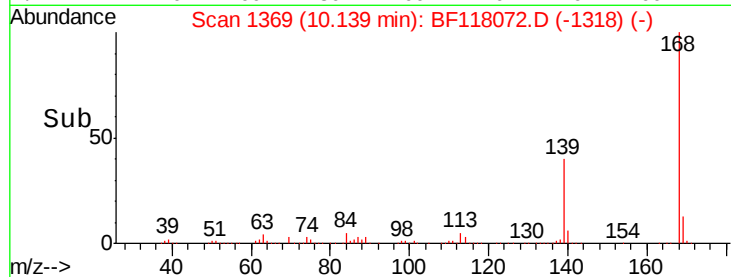
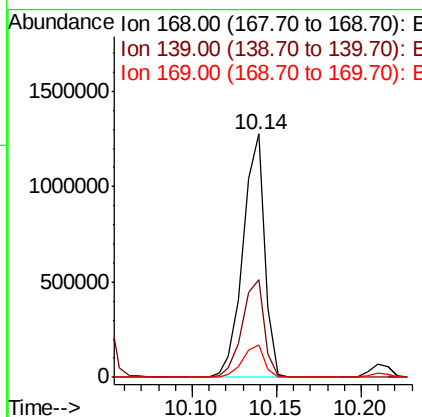
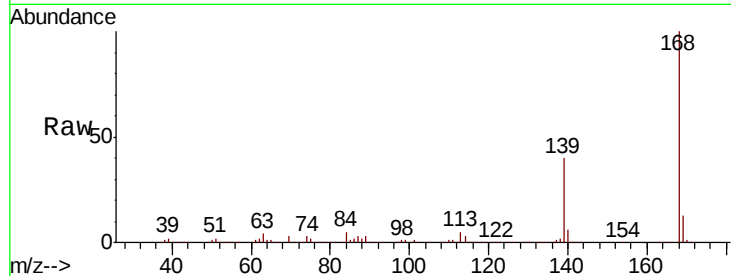




#55
Dibenzenofuran
Concen: 48.001 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

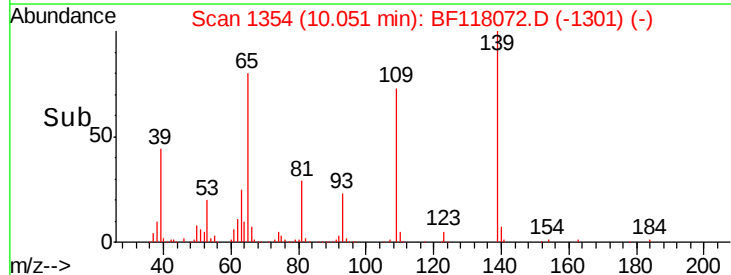
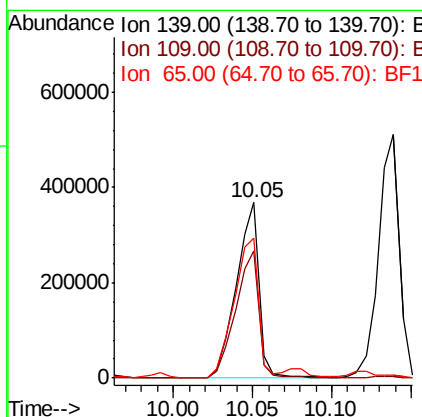
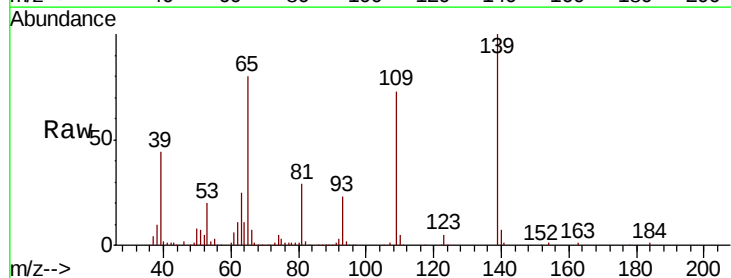
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1145671
Ion Ratio Lower Upper
168 100
139 40.0 32.5 48.7
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 88.290 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:139 Resp: 365436
Ion Ratio Lower Upper
139 100
109 72.8 55.2 95.2
65 79.5 68.7 108.7

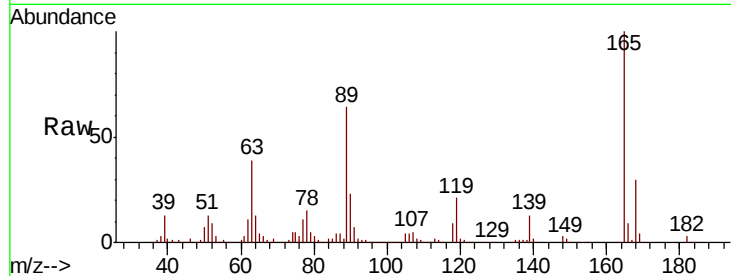




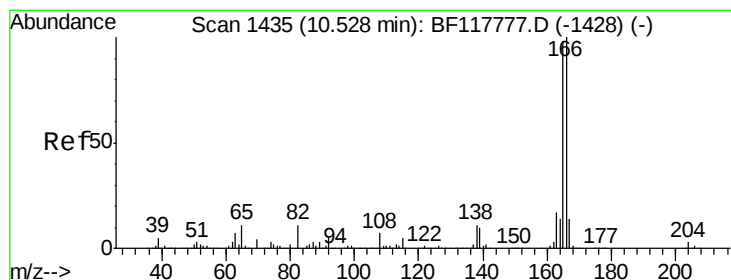
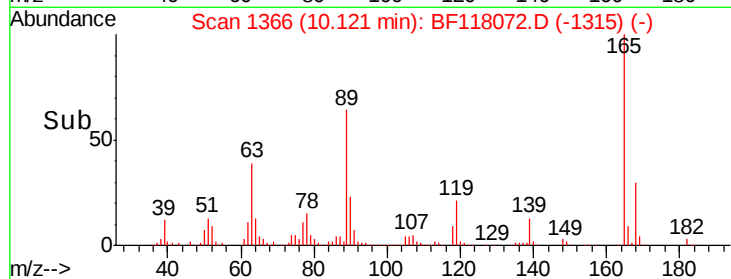
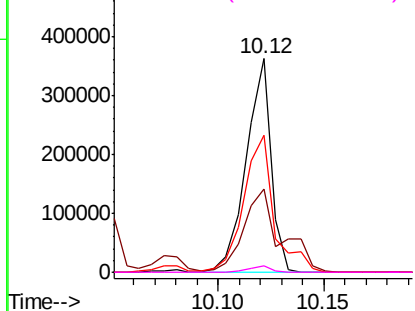
#57
2,4-Dinitrotoluene
Concen: 50.340 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	26.5	39.7
89	64.1	47.2	70.8
182	3.2	2.3	3.5

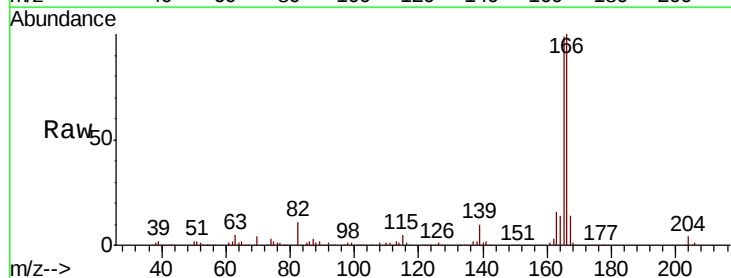


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

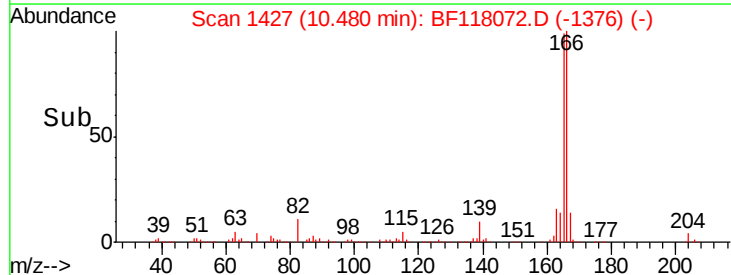
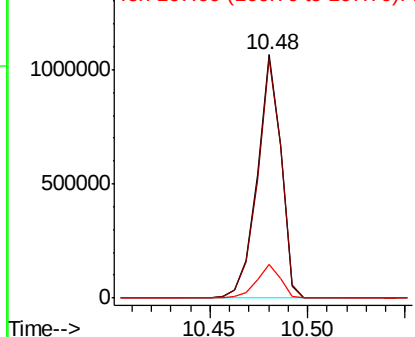


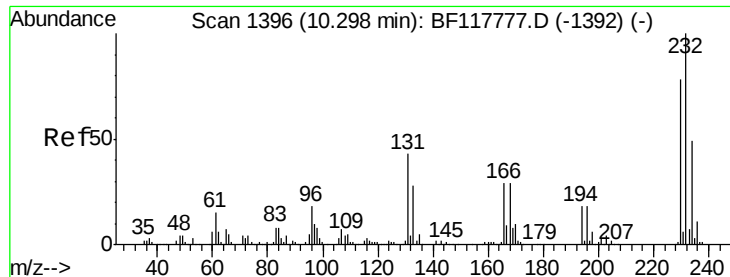
#58
Fluorene
Concen: 48.458 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.2
167	13.8	10.7	16.1



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

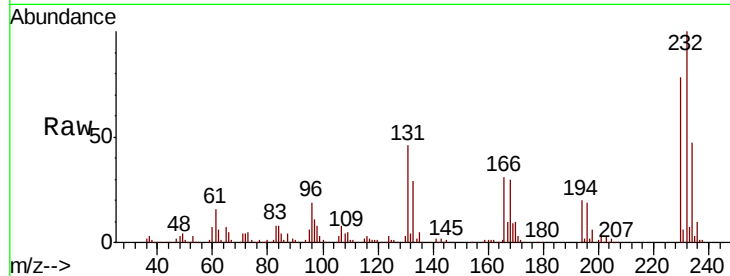




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.710 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	38.8	58.2
130	2.6	1.9	2.9
166	31.5	25.9	38.9



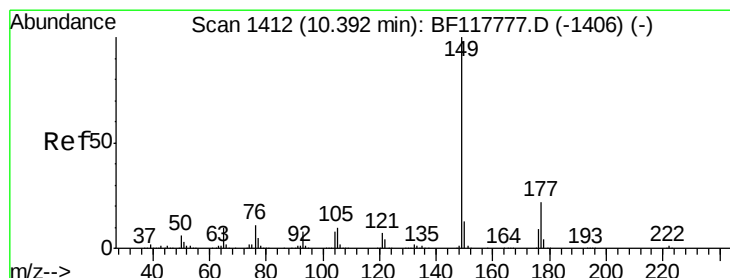
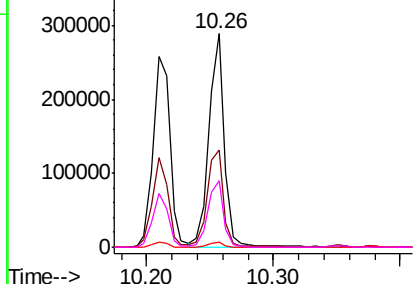
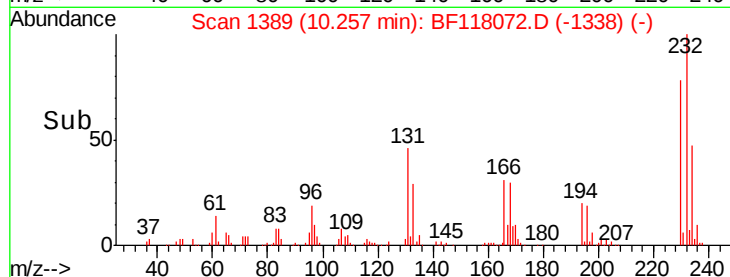
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

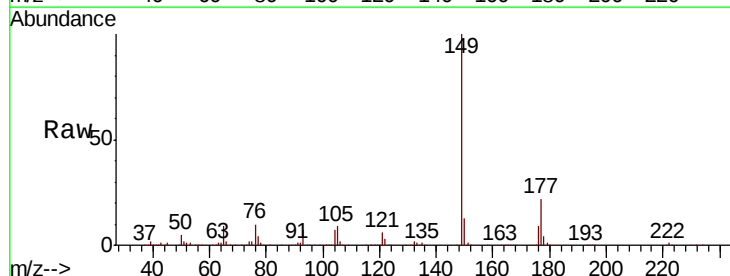
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.842 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	13.2	9.8	14.8

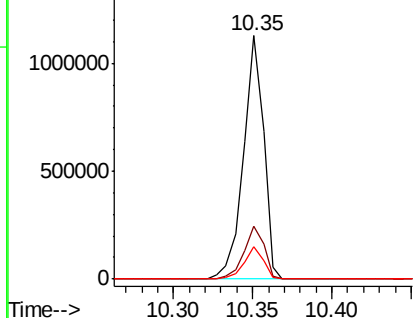
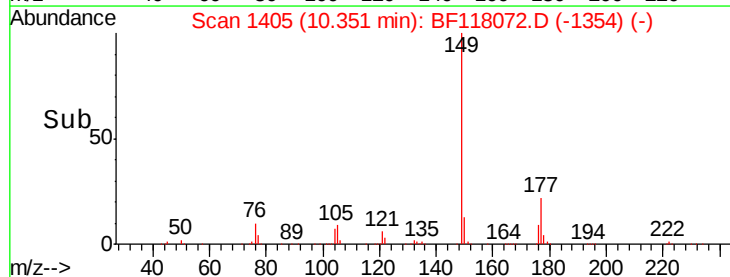


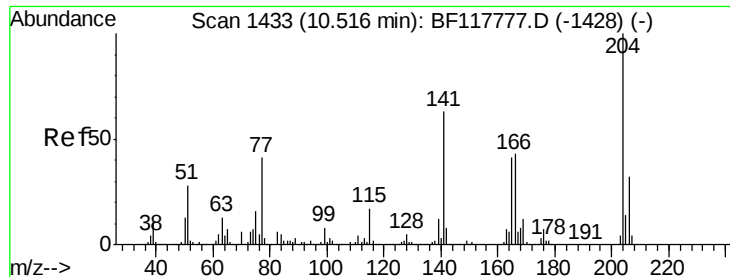
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

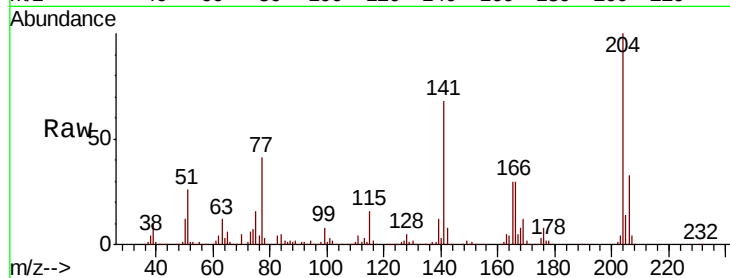




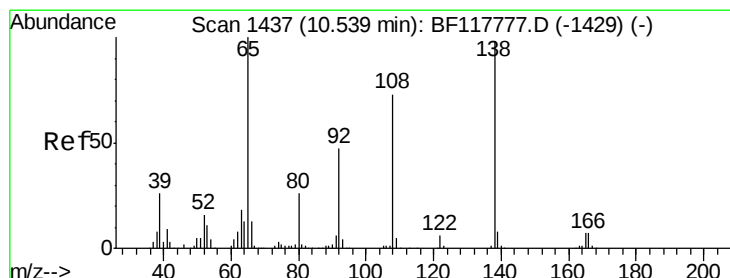
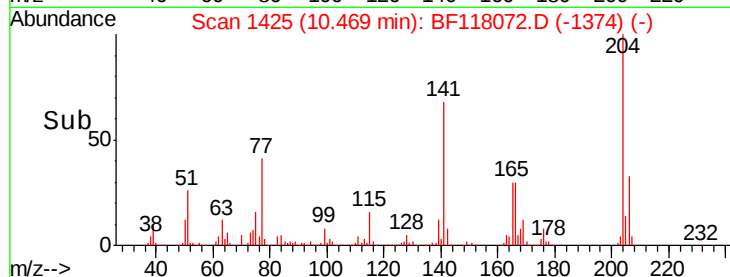
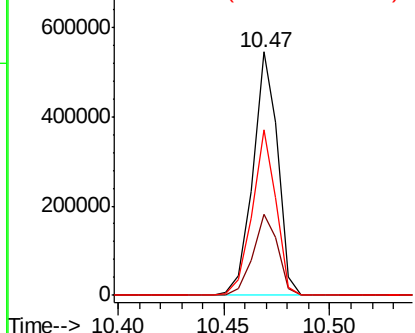
#61
4-Chlorophenyl-phenylether
Concen: 47.359 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 444529
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 67.9 55.1 82.7

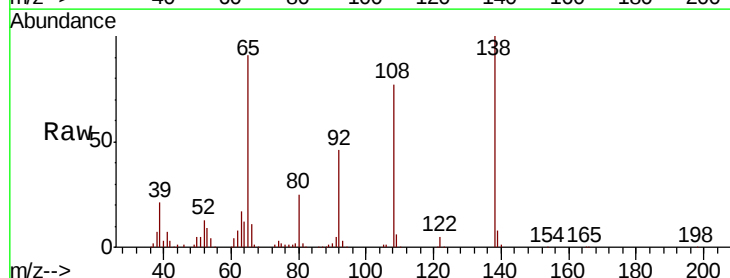


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

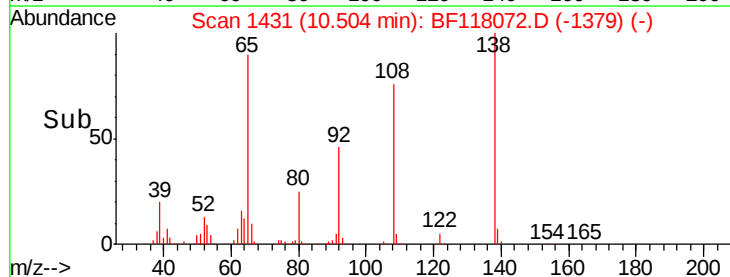
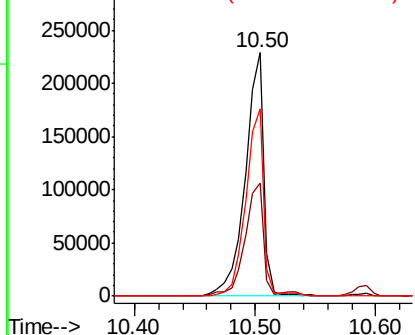


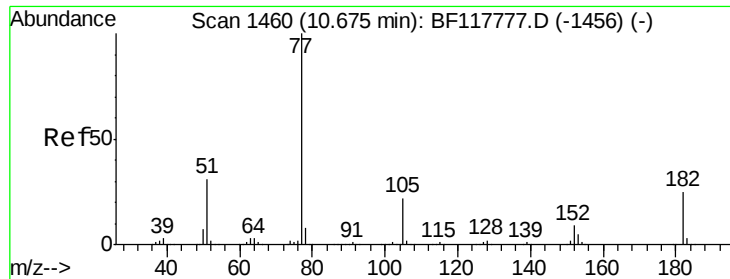
#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:138 Resp: 244784
Ion Ratio Lower Upper
138 100
92 46.2 27.5 67.5
108 76.9 57.9 97.9



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: 45.690 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 859288

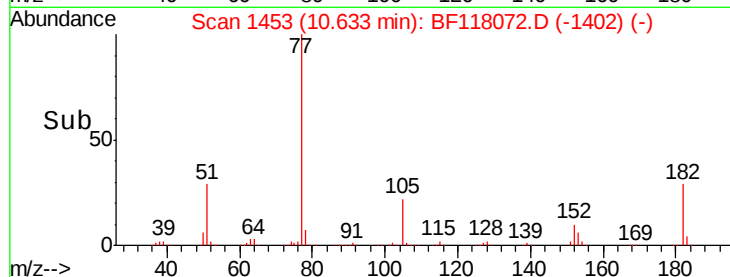
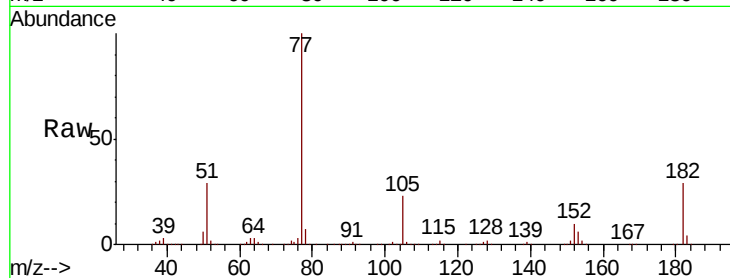
Ion Ratio Lower Upper

77 100

182 29.3 8.2 48.2

105 22.6 2.1 42.1

51 28.7 8.7 48.7

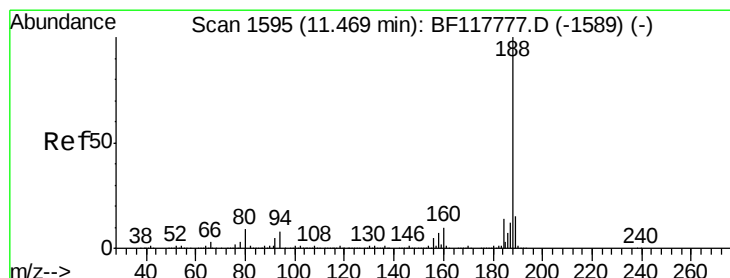
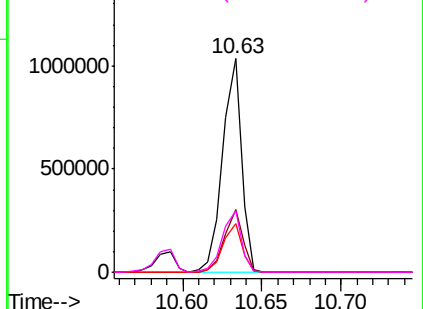


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

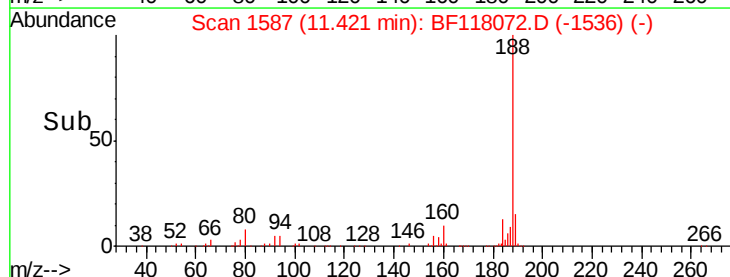
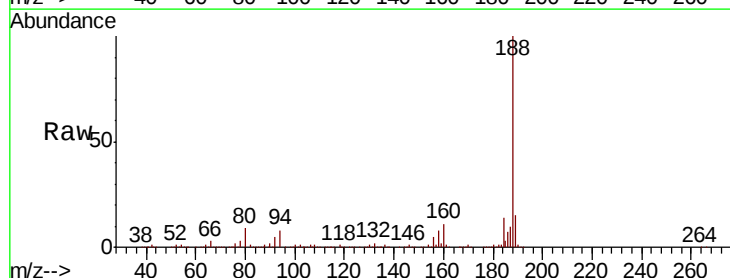
Tgt Ion: 188 Resp: 591258

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

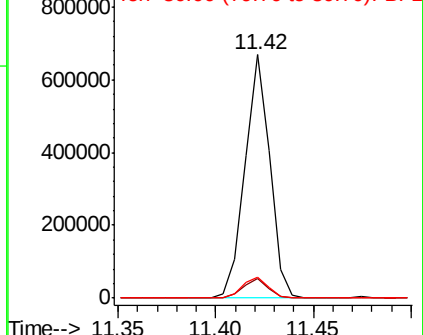
80 8.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

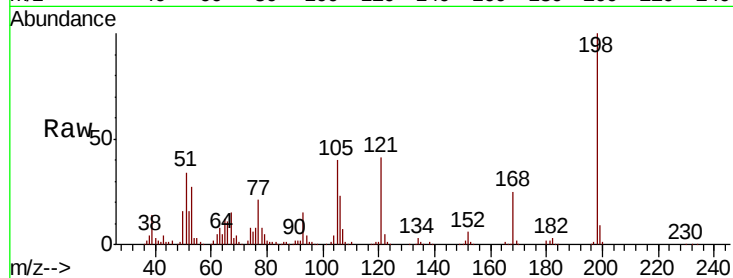




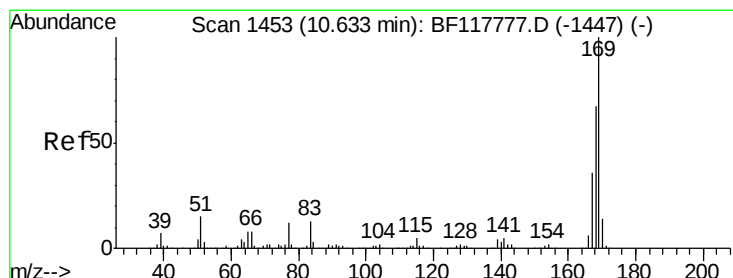
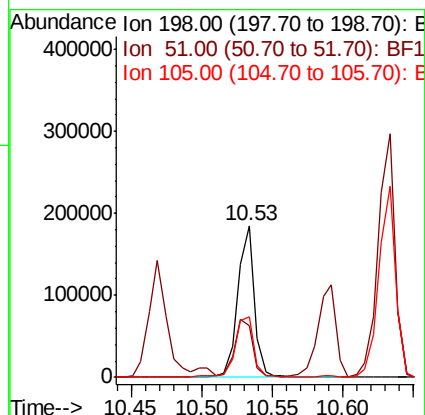
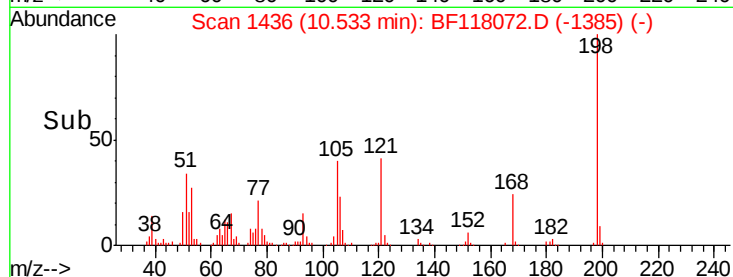
#65
4,6-Dinitro-2-methylphenol
Concen: 55.247 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 152493
Ion Ratio Lower Upper
198 100
51 34.1 12.6 52.6
105 39.9 17.0 57.0

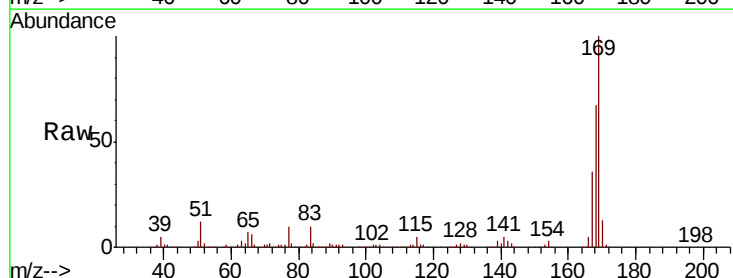


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

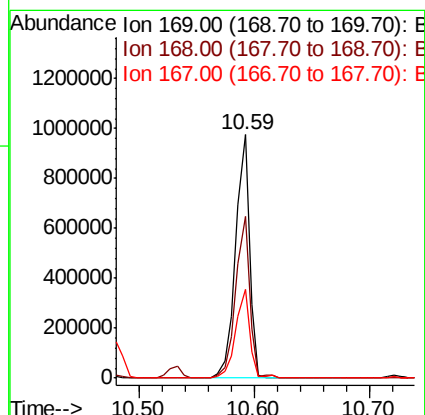
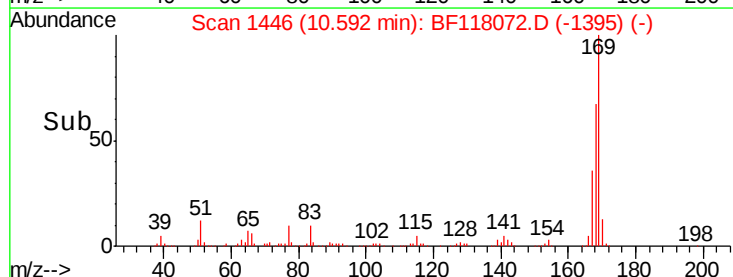


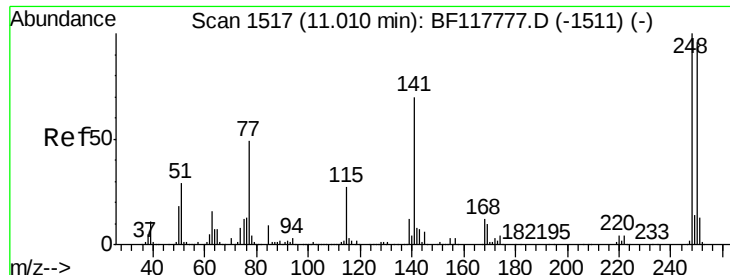
#66
n-Nitrosodiphenylamine
Concen: 47.652 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:169 Resp: 819960
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.2 28.4 42.6



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

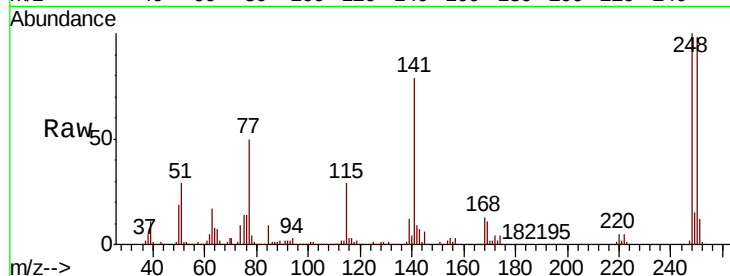




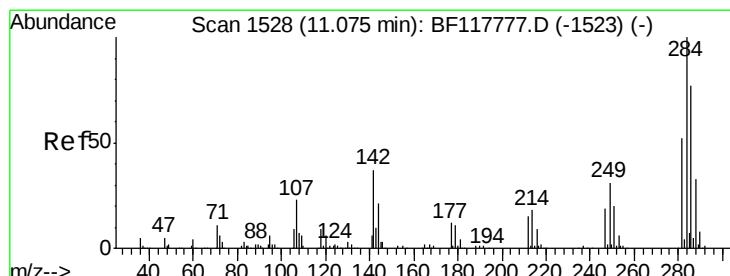
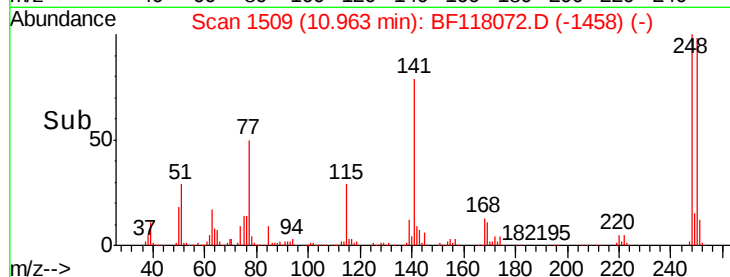
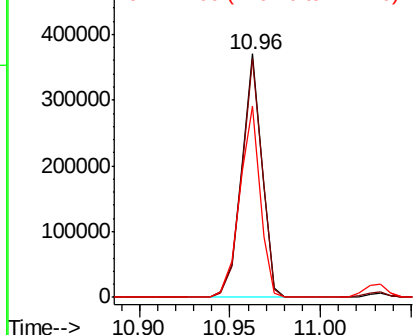
#67
4-Bromophenyl-phenylether
Concen: 45.220 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 288485
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 78.7 64.0 96.0

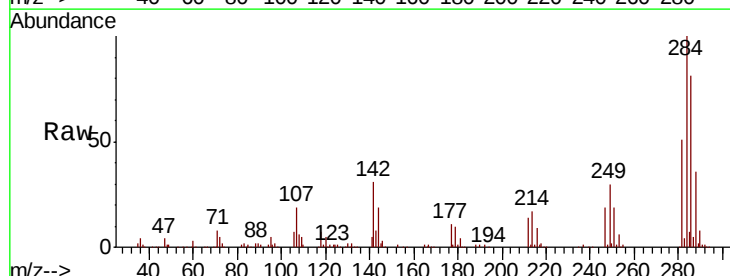


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

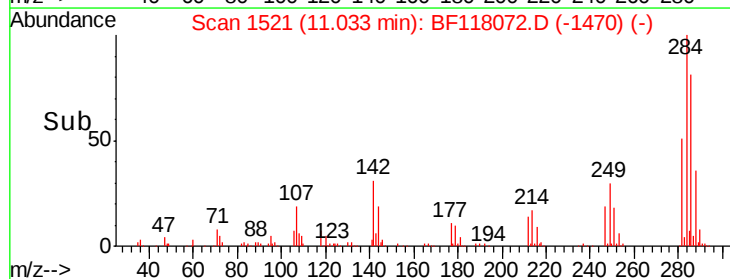
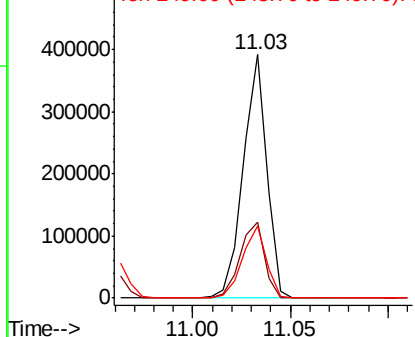


#68
Hexachlorobenzene
Concen: 44.082 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:284 Resp: 327926
Ion Ratio Lower Upper
284 100
142 31.3 27.3 40.9
249 29.7 24.8 37.2



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

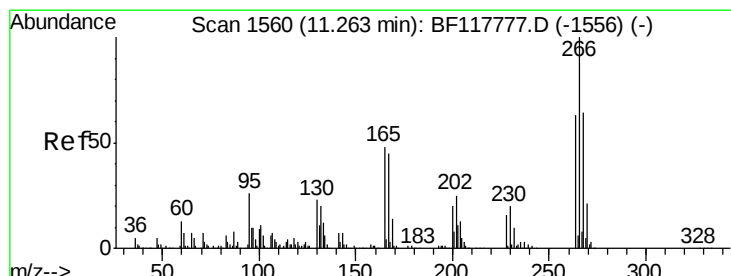
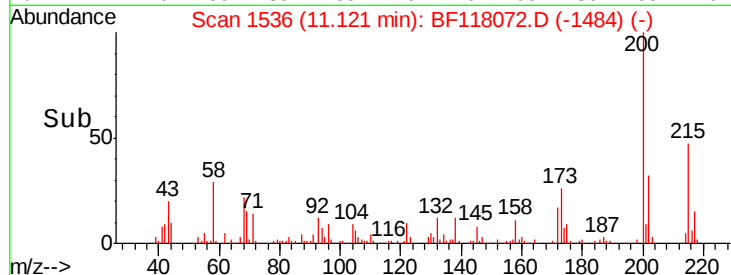
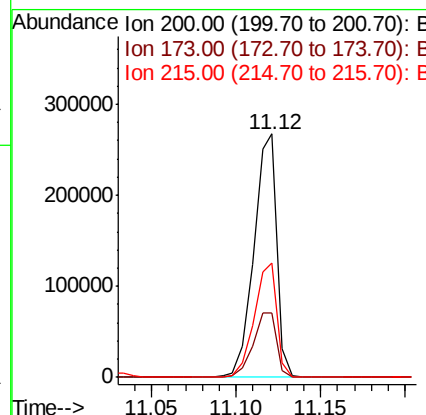
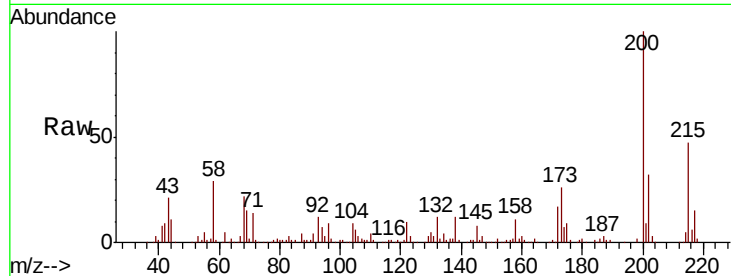




#69
Atrazine
Concen: 44.655 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

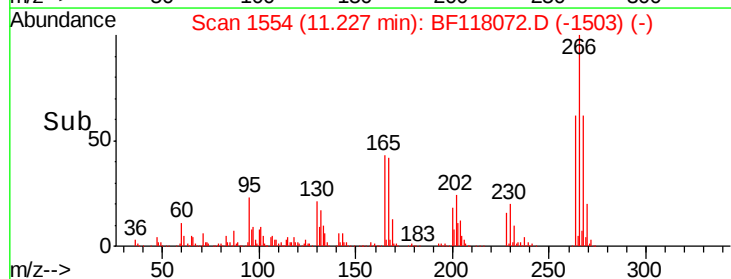
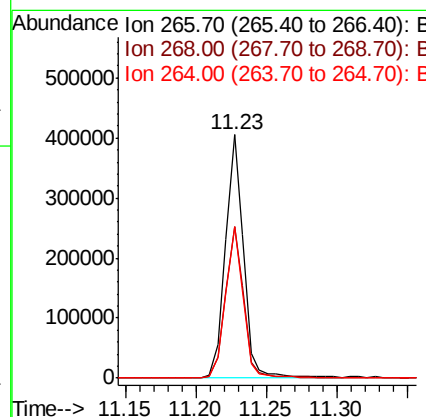
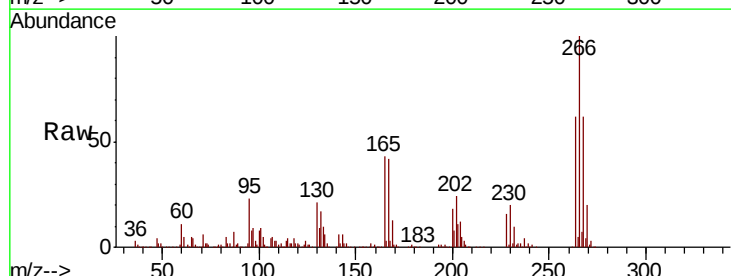
Instrument :
BNA_F
ClientSampleId :

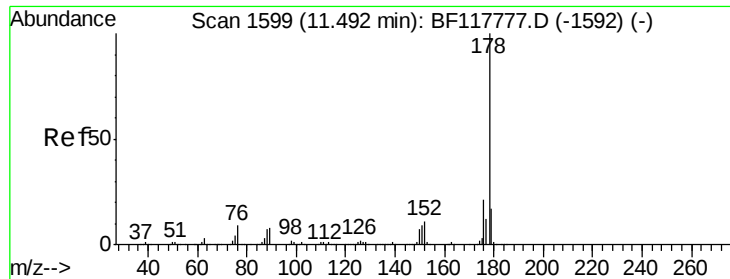
Tot Ion:200 Resp: 252763
Ion Ratio Lower Upper
200 100
173 26.4 7.9 47.9
215 47.1 27.0 67.0



#70
Pentachlorophenol
Concen: 83.508 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:266 Resp: 362929
Ion Ratio Lower Upper
266 100
268 62.0 50.3 75.5
264 62.0 50.3 75.5

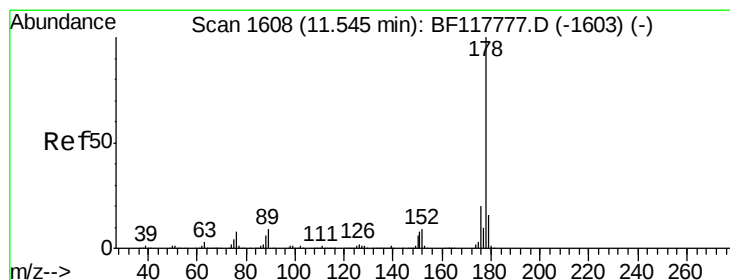
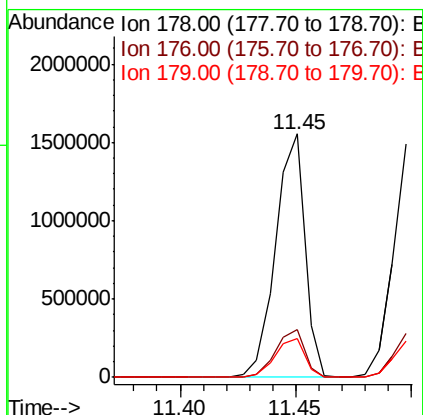
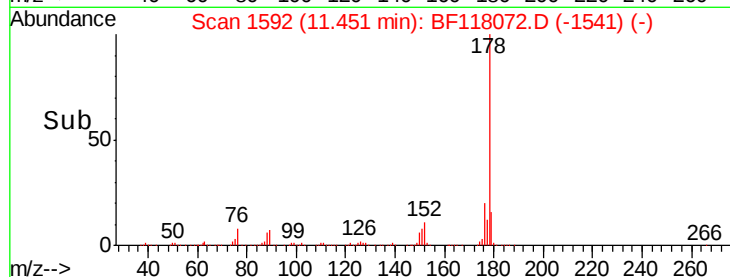
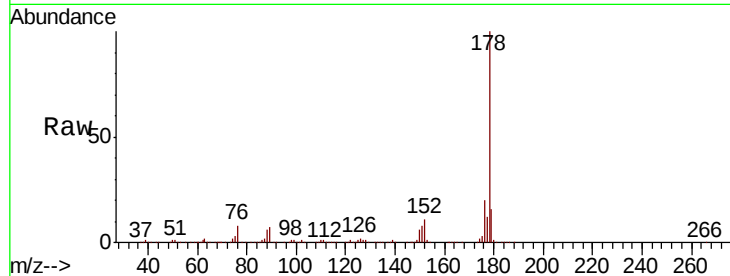




#71
Phenanthrene
Concen: 45.996 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

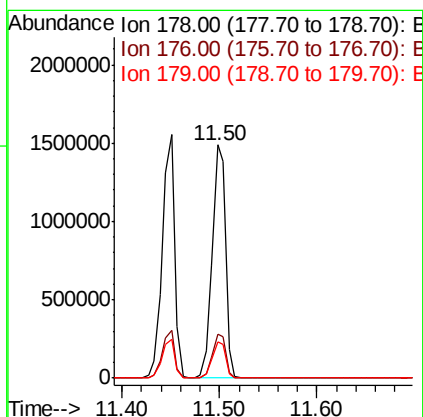
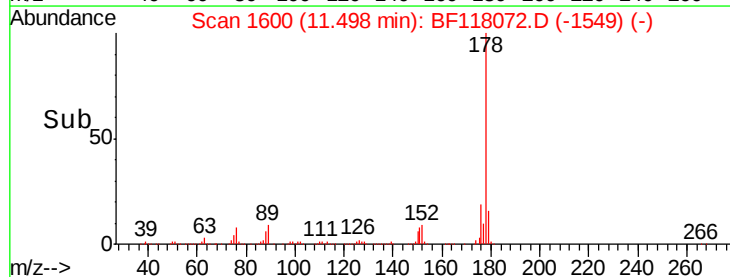
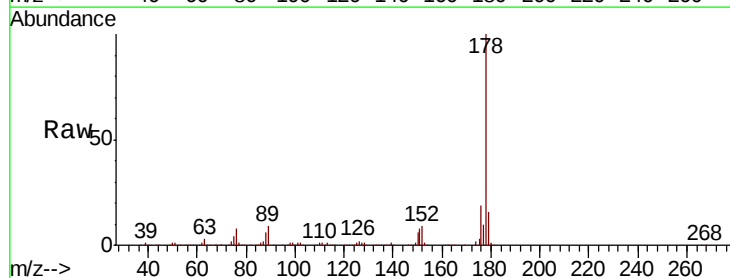
Instrument :
BNA_F
ClientSampleId :

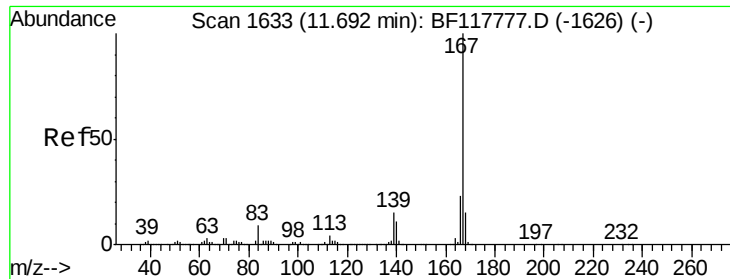
Tot Ion:178 Resp: 1367304
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.9 12.3 18.5



#72
Anthracene
Concen: 48.004 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:178 Resp: 1414823
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.8 12.8 19.2

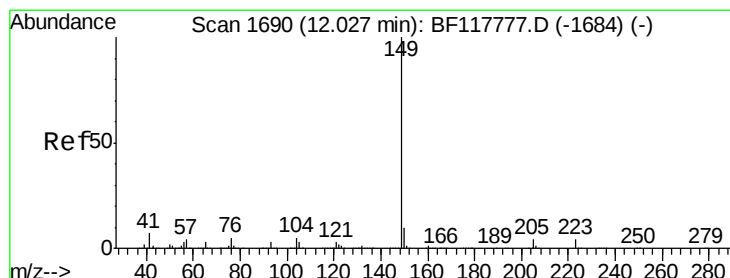
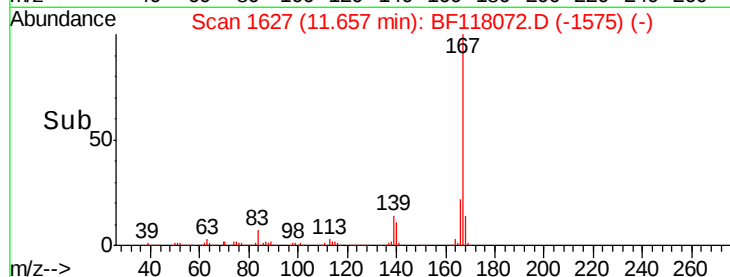
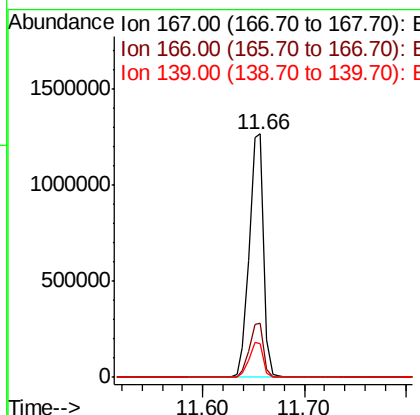
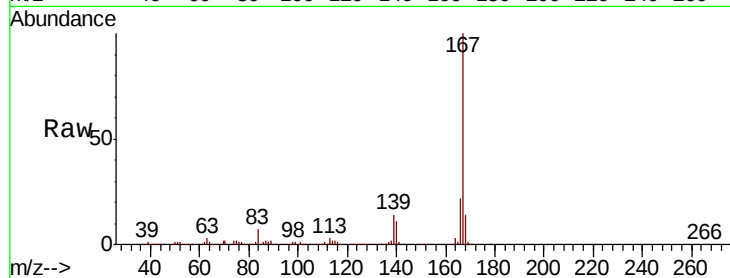




#73
 Carbazole
 Concen: 48.344 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

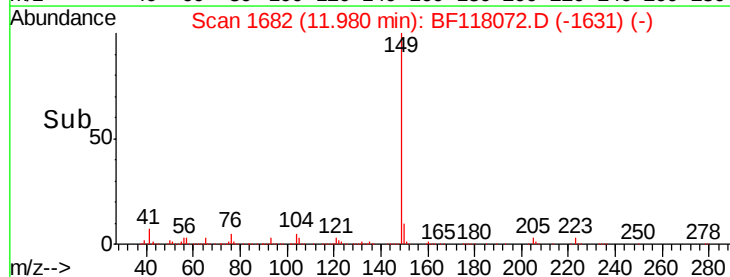
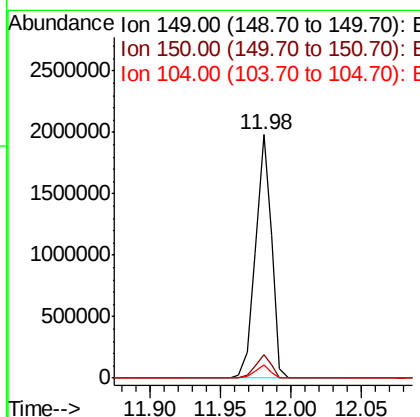
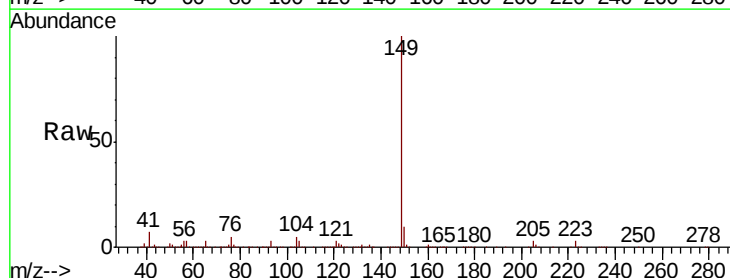
Instrument :
 BNA_F
 ClientSampleId :

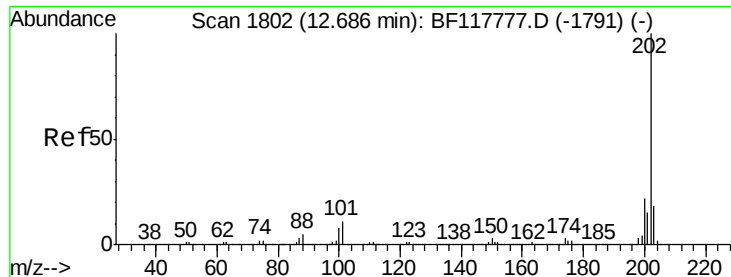
Tot Ion:167 Resp: 1245117
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 49.303 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion:149 Resp: 1581016
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 55.369 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

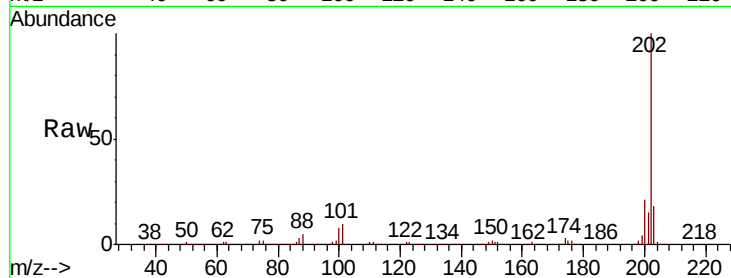
Tot Ion:202 Resp: 1451903

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.5

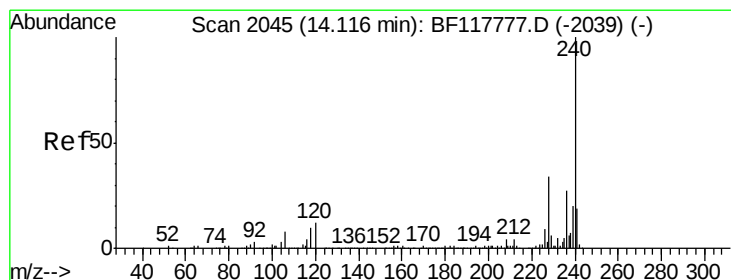
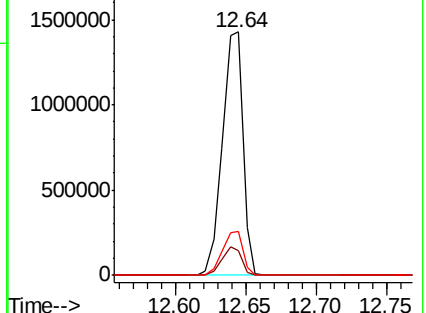
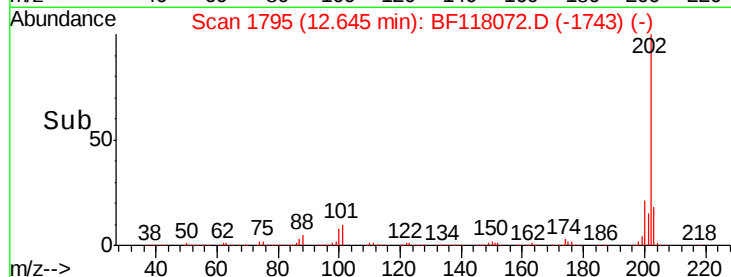
203 17.9 0.0 37.6



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: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

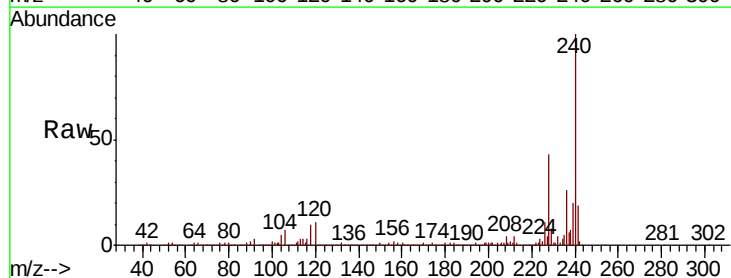
Tgt Ion:240 Resp: 402879

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

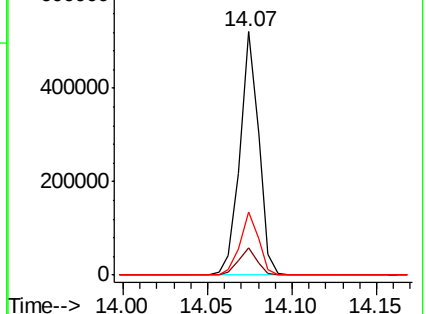
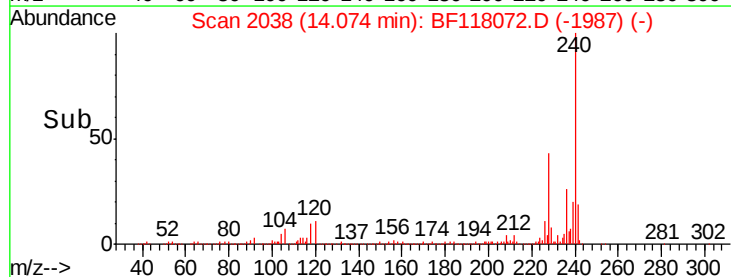
236 26.1 20.6 31.0



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: 29.287 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampled :

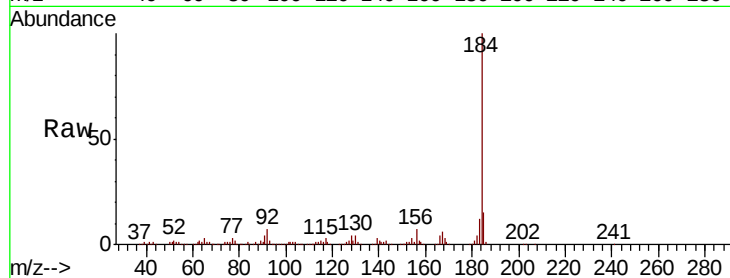
Tot Ion:184 Resp: 386491

Ion Ratio Lower Upper

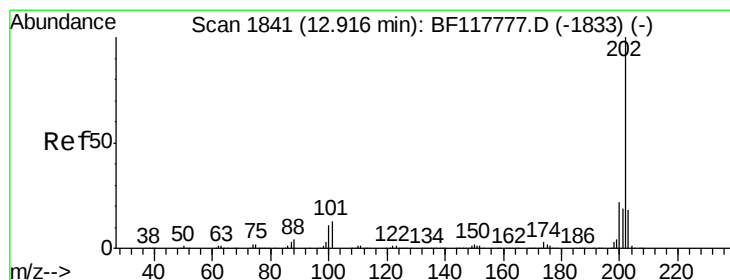
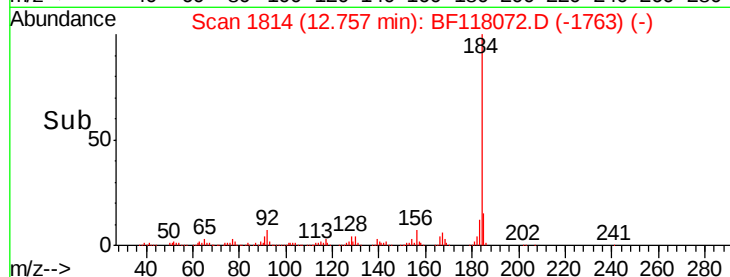
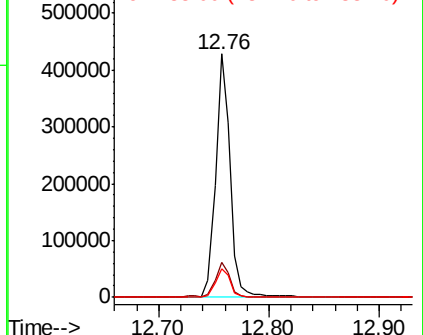
184 100

185 14.6 11.6 17.4

183 11.5 9.7 14.5



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: 44.582 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

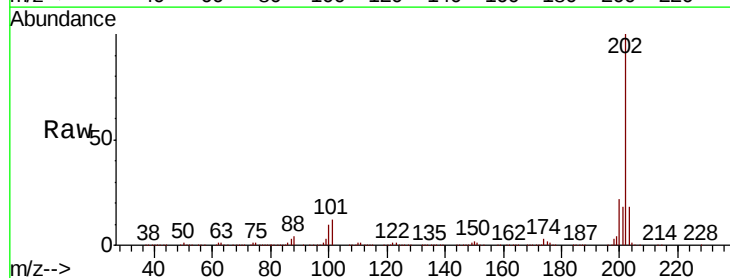
Tgt Ion:202 Resp: 1451535

Ion Ratio Lower Upper

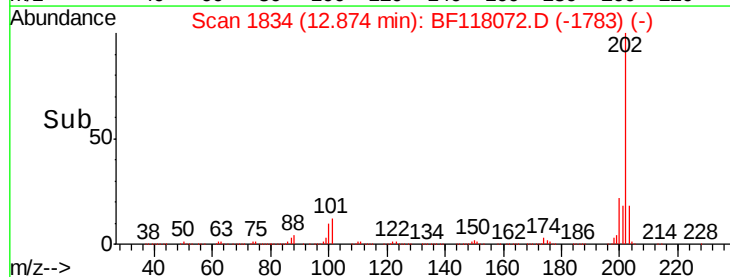
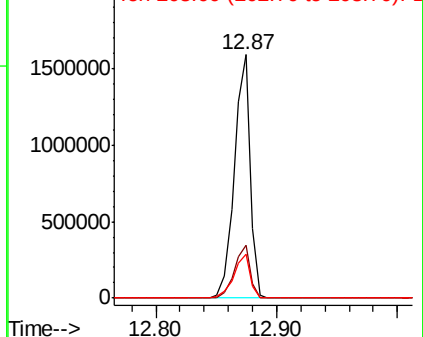
202 100

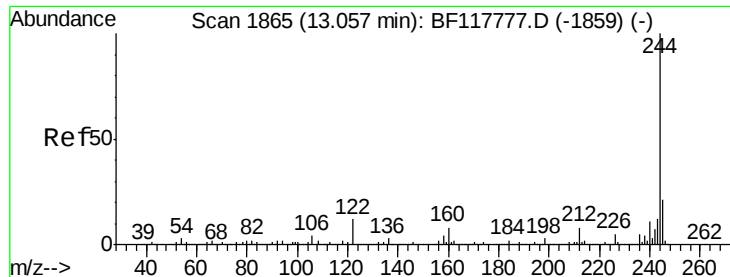
200 21.6 17.0 25.6

203 18.1 14.2 21.4



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: 75.666 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

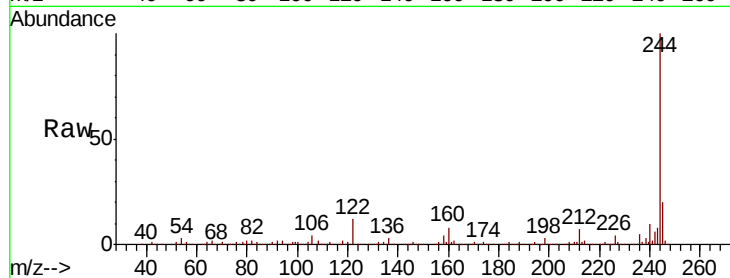
Tot Ion:244 Resp: 1667988

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

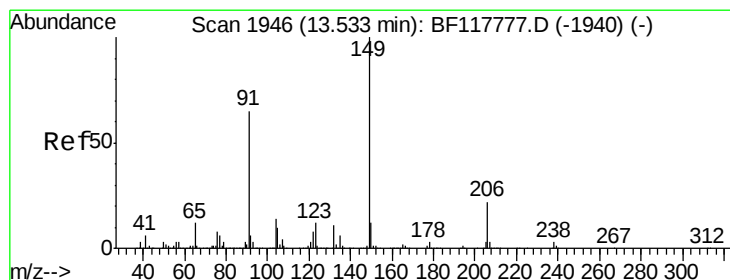
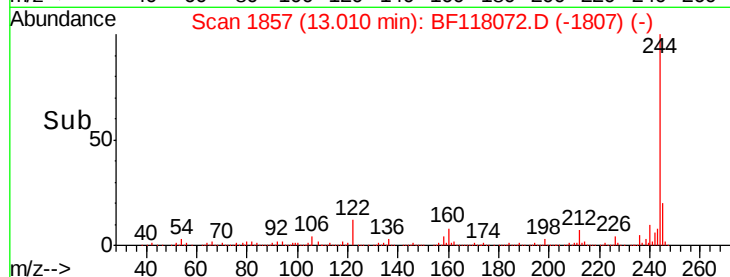
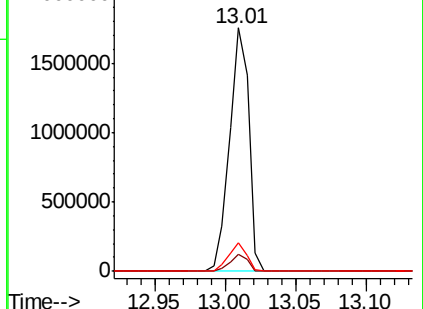
122 12.0 7.2 10.8#



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: 49.265 ng

RT: 13.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

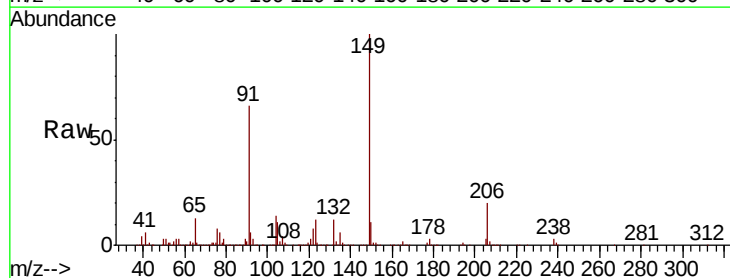
Tgt Ion:149 Resp: 688923

Ion Ratio Lower Upper

149 100

91 66.3 53.1 79.7

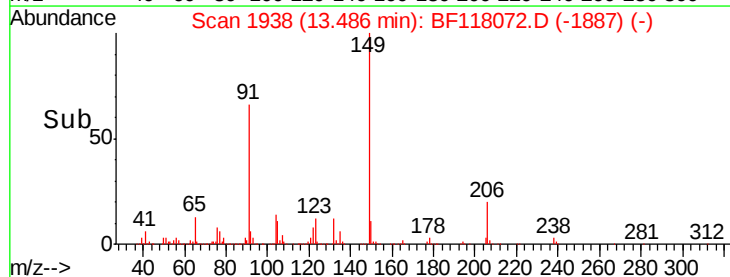
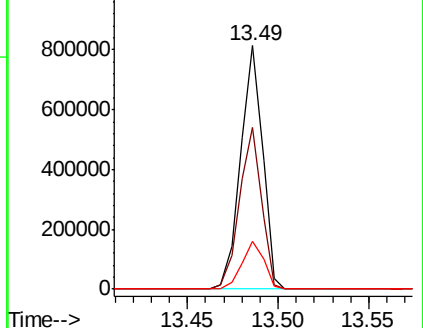
206 19.5 15.8 23.6



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: 45.344 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

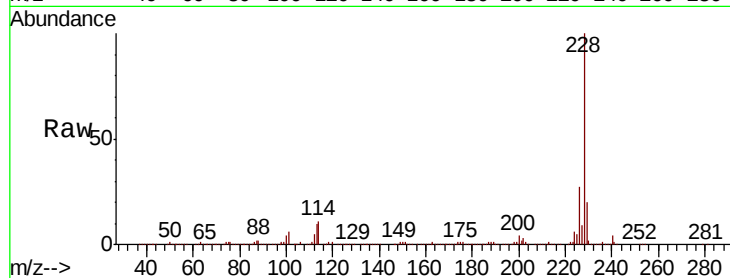
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1207190

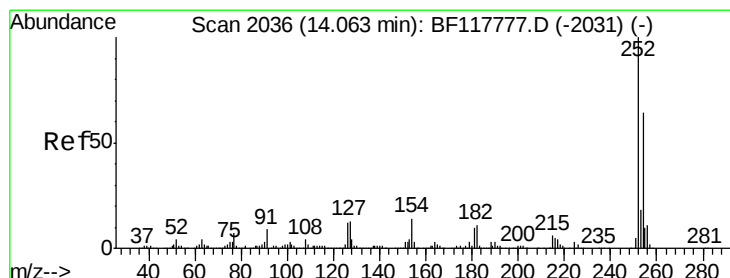
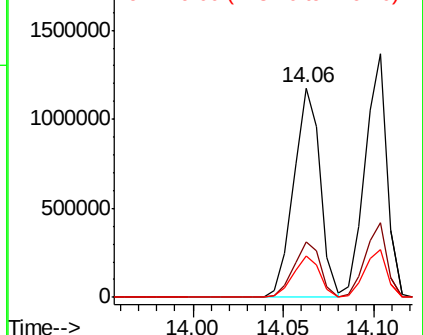
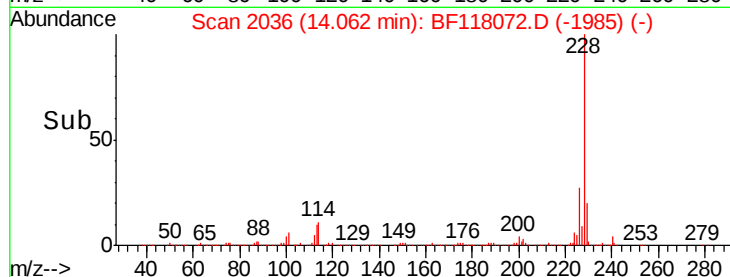
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.6	16.2	24.2



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: 27.620 ng

RT: 14.02 min Scan# 2029

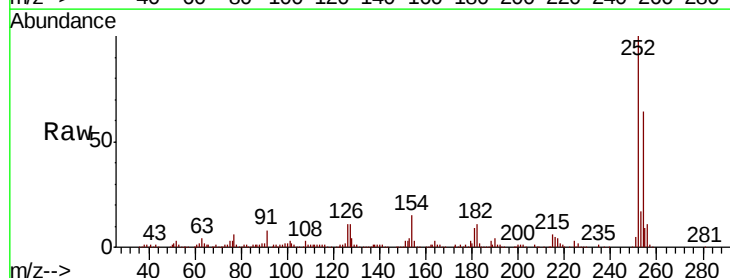
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:252 Resp: 257208

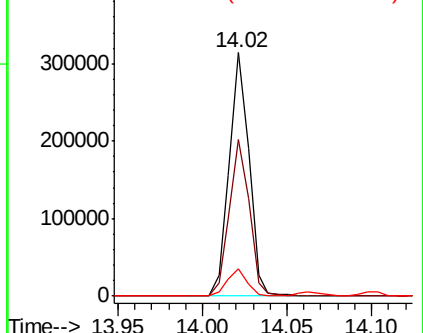
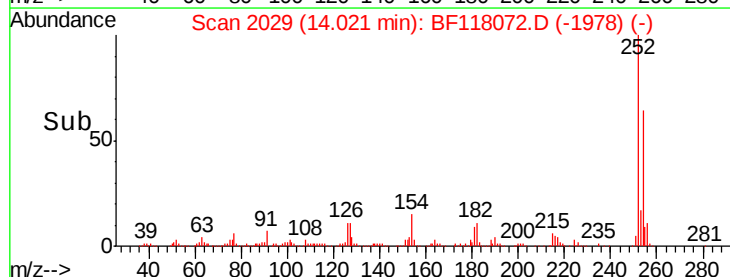
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.2
126	11.3	9.3	13.9

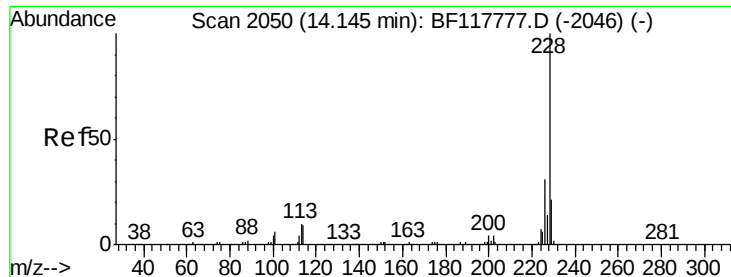


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



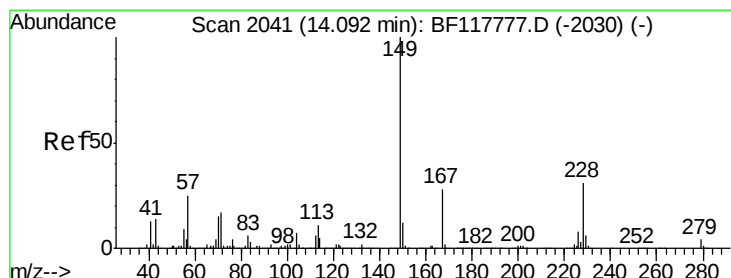
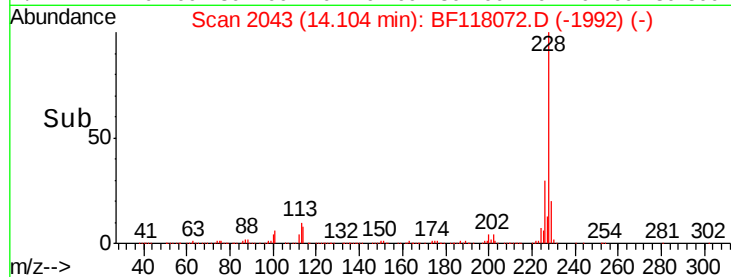
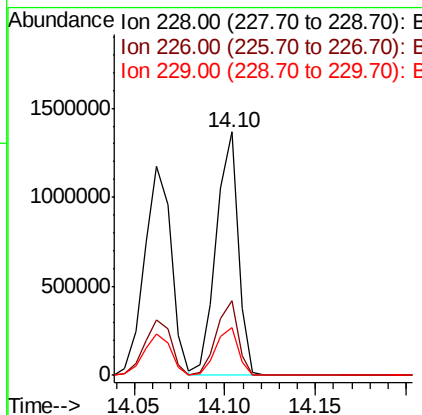
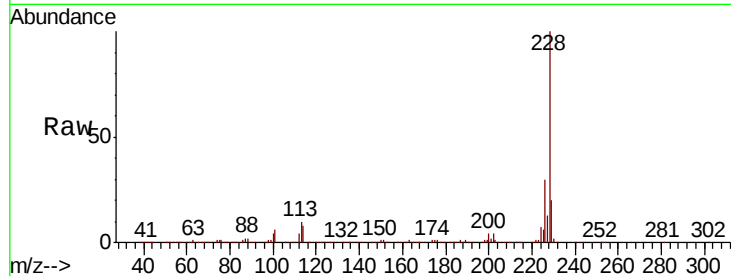


#83
 Chrysene
 Concen: 44.864 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1157373

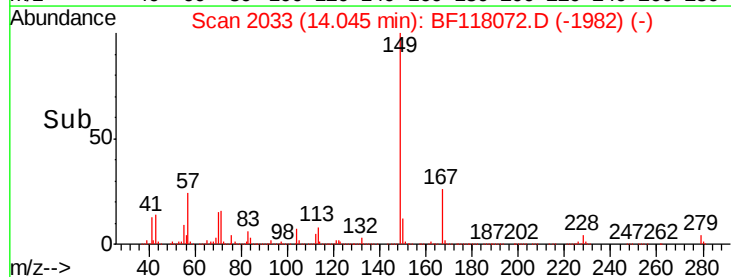
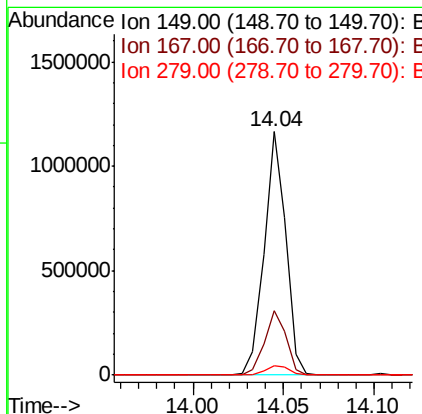
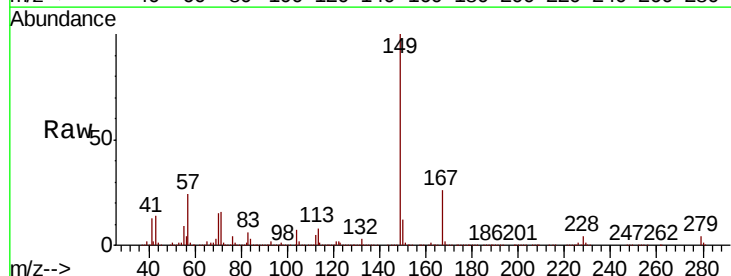
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	19.6	16.2	24.2

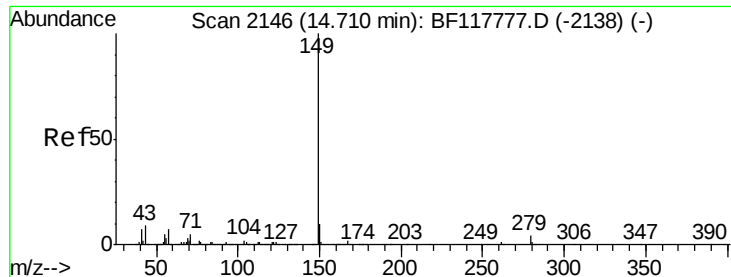


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.099 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion:149 Resp: 968029

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.0	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 61.158 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

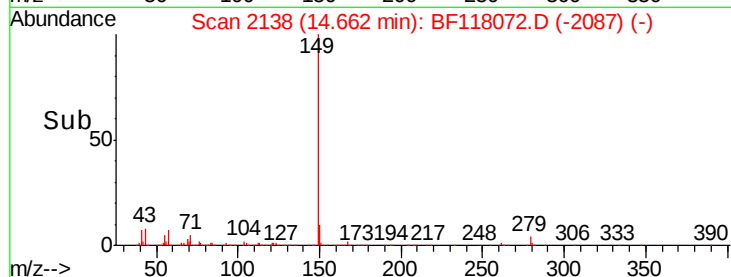
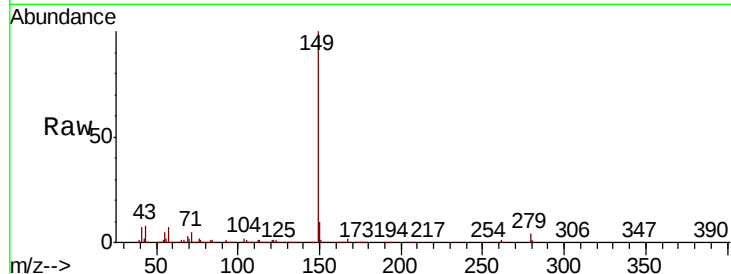
Tot Ion:149 Resp: 1523231

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

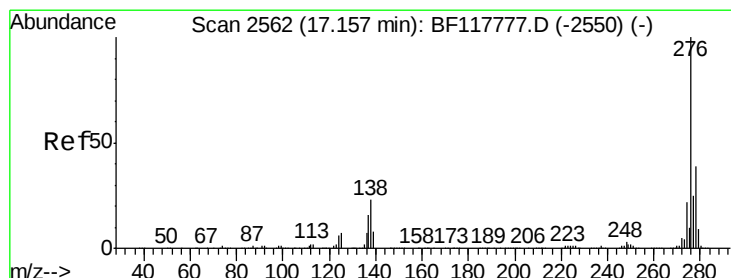
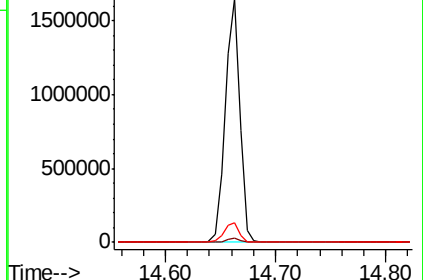
43 8.0 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.585 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

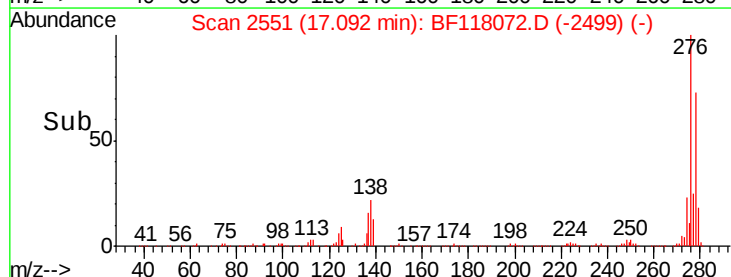
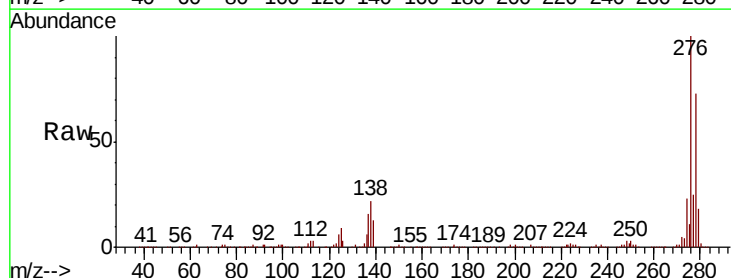
Tgt Ion:276 Resp: 1132602

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

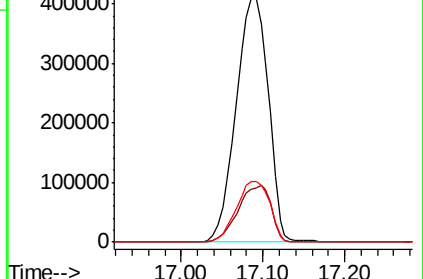
277 25.8 20.7 31.1

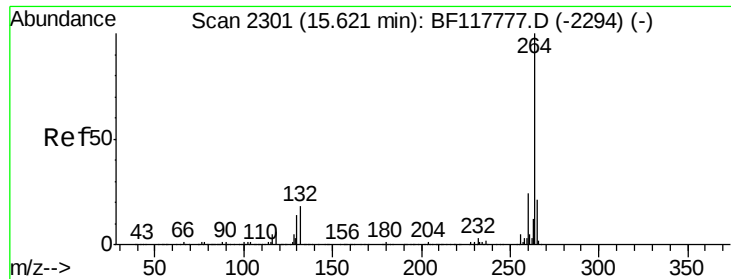


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

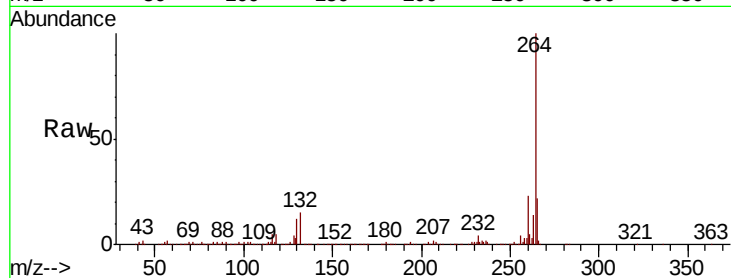
Tot Ion:264 Resp: 372324

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.0	16.4	24.6

264 100

260 23.4 19.0 28.6

265 22.0 16.4 24.6

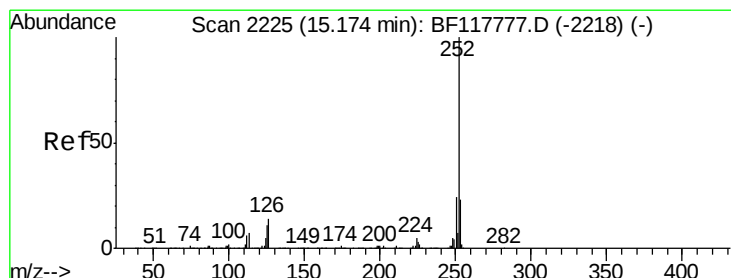
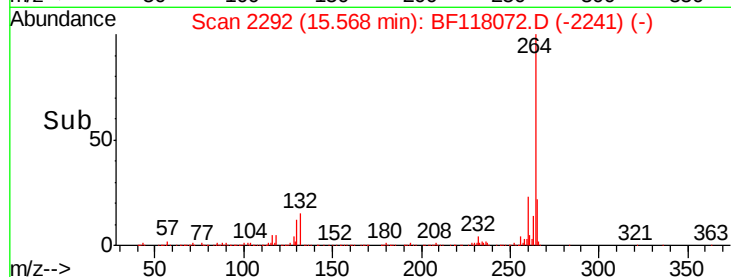
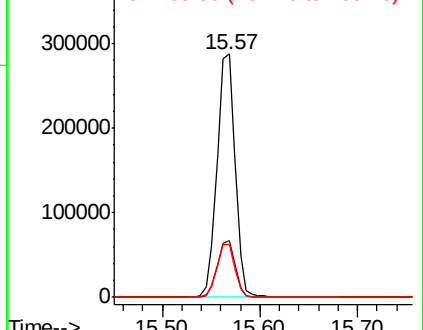


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.444 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

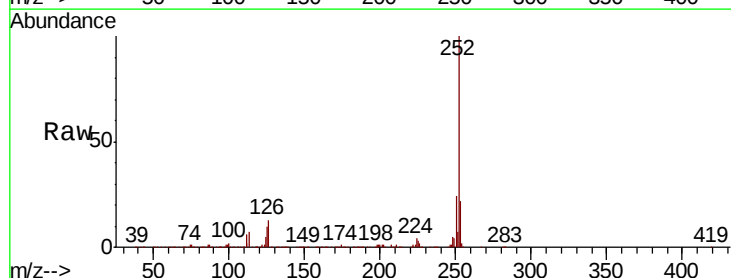
Tgt Ion:252 Resp: 1123492

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.9	7.7	11.5

252 100

253 22.1 18.1 27.1

125 9.9 7.7 11.5

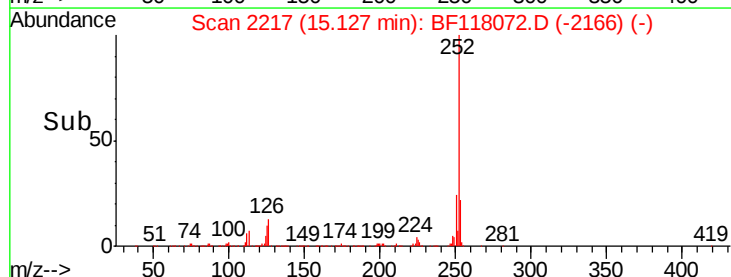
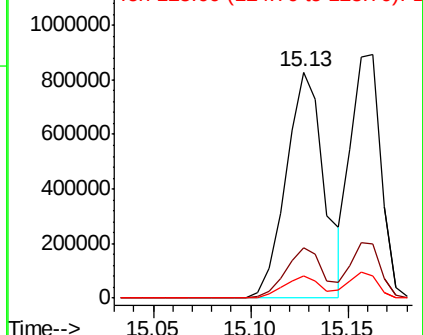


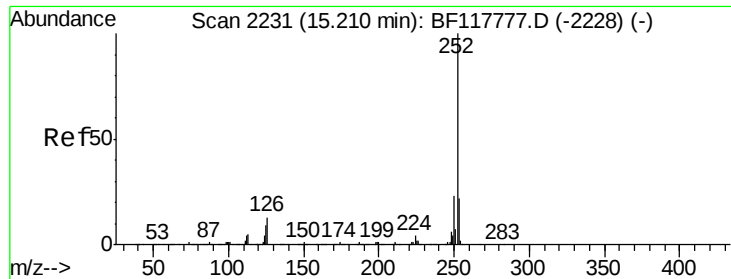
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

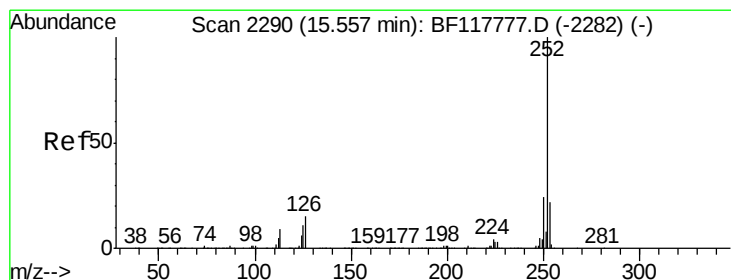
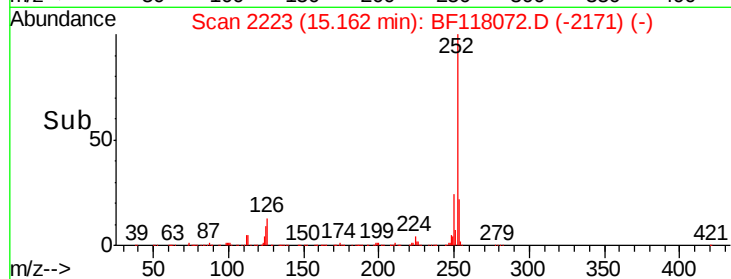
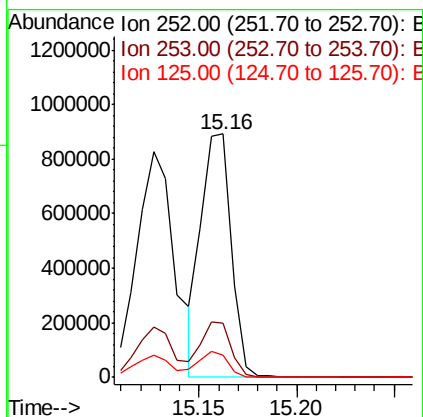
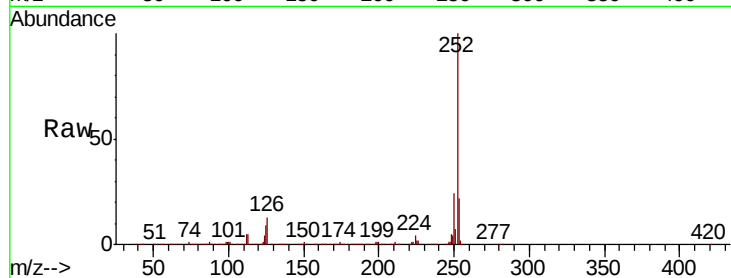




#89
Benzo(k)fluoranthene
Concen: 41.930 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

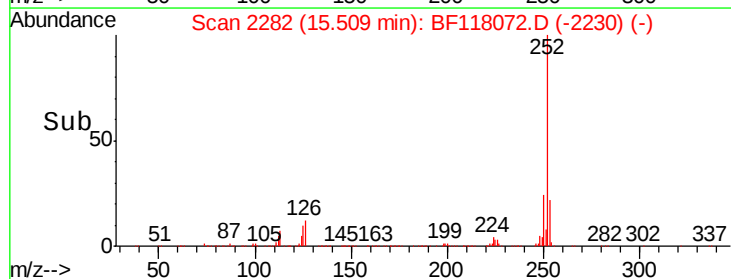
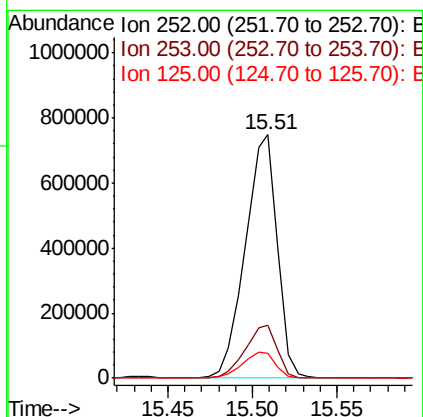
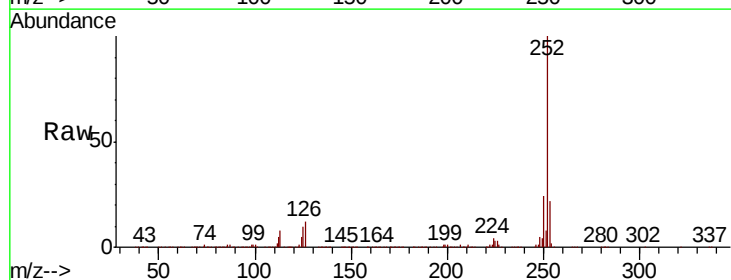
Instrument :
BNA_F
ClientSampleId :

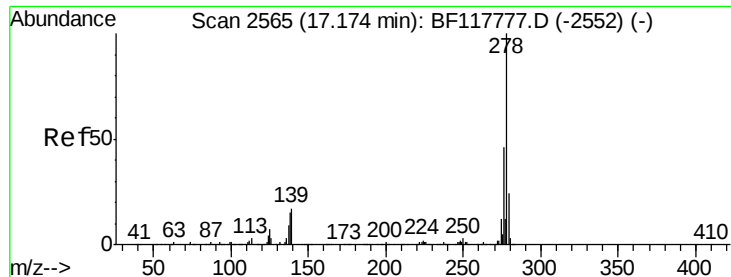
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.9	8.5	12.7



#90
Benzo(a)pyrene
Concen: 46.237 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.0	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.558 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

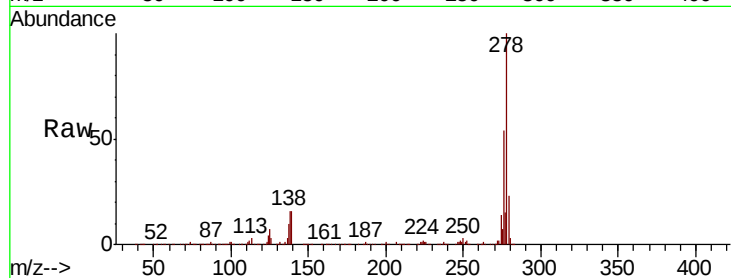
Tot Ion:278 Resp: 943965

Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

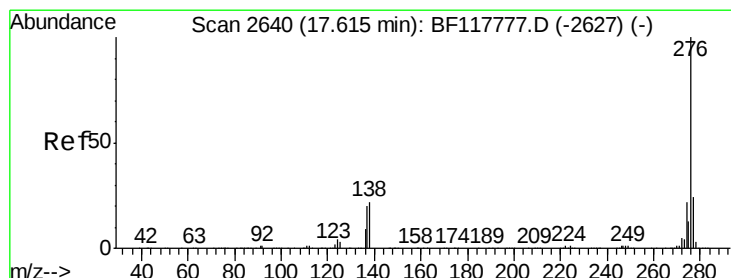
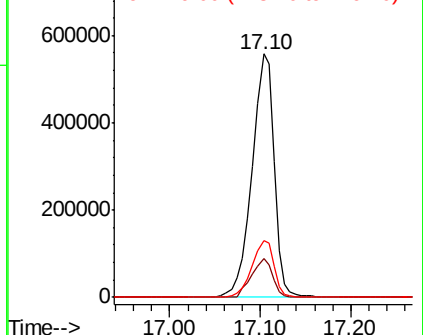
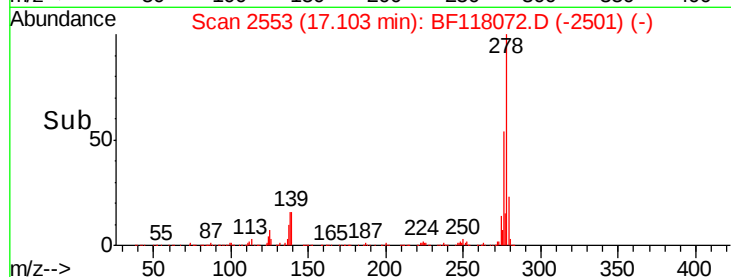
279 23.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.465 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

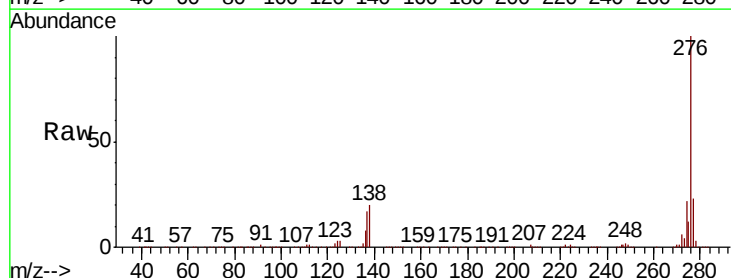
Tgt Ion:276 Resp: 956753

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 20.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

