

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118065.D
 Acq On : 3 Dec 2019 16:37
 Operator : JU
 Sample : K5675-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 17:22:02 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	6.88	152	137298	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	532700	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	276031	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	520307	20.00	ng	0.00
76) Chrysene-d12	14.07	240	324609	20.00	ng	0.00
87) Perylene-d12	15.57	264	310546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1140976	147.10	ng	0.03
7) Phenol-d6	6.52	99	1395154	149.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	896182	100.01	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	500725	171.35	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1788957	116.27	ng	0.00
79) Terphenyl-d14	13.02	244	2070149	116.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	142280	39.243	ng	# 84
3) Pyridine	3.57	79	317311	33.364	ng	100
4) n-Nitrosodimethylamine	3.49	42	185120	44.589	ng	97
6) Aniline	6.55	93	185361	14.993	ng	98
8) 2-Chlorophenol	6.67	128	450857	53.568	ng	97
9) Benzaldehyde	6.43	77	95674	11.820	ng	98
10) Phenol	6.53	94	488021	50.199	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	378667	48.504	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455745	45.994	ng	98
13) 1,4-Dichlorobenzene	6.90	146	462857	46.213	ng	97
14) 1,2-Dichlorobenzene	7.05	146	441076	46.047	ng	98
15) Benzyl Alcohol	7.02	79	383959	53.158	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	452560	37.651	ng	98
17) 2-Methylphenol	7.13	107	359479	50.436	ng	98
18) Hexachloroethane	7.39	117	167056	45.404	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	284072	49.218	ng	99
20) 3+4-Methylphenols	7.29	107	449643	50.821	ng	94
22) Acetophenone	7.29	105	608565	50.849	ng	# 91
24) Nitrobenzene	7.46	77	449432	48.616	ng	95
25) Isophorone	7.70	82	788230	47.992	ng	99
26) 2-Nitrophenol	7.78	139	250189	55.603	ng	97
27) 2,4-Dimethylphenol	7.82	122	388791	55.606	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	492641	47.267	ng	99
29) 2,4-Dichlorophenol	8.02	162	383501	50.566	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	412789	46.923	ng	100
31) Naphthalene	8.19	128	1366087	55.009	ng	100
32) Benzoic acid	7.94	122	248818	42.502	ng	97
33) 4-Chloroaniline	8.23	127	76838	6.911	ng	96
34) Hexachlorobutadiene	8.30	225	235636	45.814	ng	98
35) Caprolactam	8.61	113	49140	20.387	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	415233	53.948	ng	100
37) 2-Methylnaphthalene	8.88	142	901464	53.724	ng	99
38) 1-Methylnaphthalene	8.98	142	838719	52.872	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	399965	49.894	ng	99

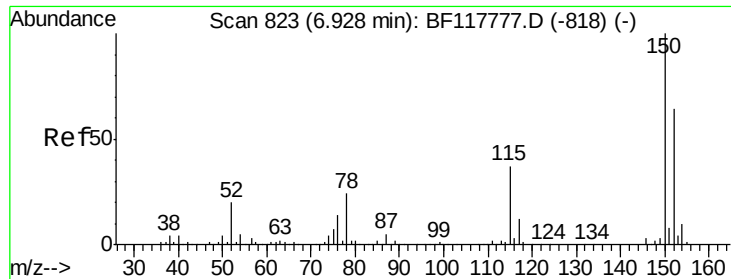
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118065.D
 Acq On : 3 Dec 2019 16:37
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 BNA_F
 ClientSampleId :

Quant Time: Dec 03 17:22:02 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)
41) Hexachlorocyclopentadiene	9.03	237	398474	88.702	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	283013	49.291	nq	100
44) 2,4,5-Trichlorophenol	9.21	196	302166	50.687	nq	97
46) 1,1'-Biphenyl	9.35	154	1089298	53.191	nq	99
47) 2-Chloronaphthalene	9.37	162	839656	49.840	nq	98
48) 2-Nitroaniline	9.47	65	235662	46.334	nq	99
49) Acenaphthylene	9.79	152	1323183	53.871	nq	99
50) Dimethylphthalate	9.65	163	977953	50.523	nq	99
51) 2,6-Dinitrotoluene	9.71	165	224520	53.073	nq	98
52) Acenaphthene	9.96	154	780814	49.624	nq	99
53) 3-Nitroaniline	9.88	138	108931	21.519	nq	90
54) 2,4-Dinitrophenol	9.99	184	193746	88.309	nq	96
55) Dibenzofuran	10.14	168	1172169	53.798	nq	100
56) 4-Nitrophenol	10.05	139	359486	95.141	nq	99
57) 2,4-Dinitrotoluene	10.12	165	301954	56.111	nq	# 87
58) Fluorene	10.48	166	920862	54.539	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	244925	50.003	nq	100
60) Diethylphthalate	10.35	149	977081	51.776	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	446013	52.052	nq	100
62) 4-Nitroaniline	10.50	138	228580	45.099	nq	98
63) Azobenzene	10.63	77	860359	50.113	nq	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	143769	59.189	nq	94
66) n-Nitrosodiphenylamine	10.59	169	816176	53.900	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	282620	50.342	nq	99
68) Hexachlorobenzene	11.03	284	326389	49.859	nq	98
69) Atrazine	11.12	200	240400	48.262	nq	98
70) Pentachlorophenol	11.23	266	347403	90.836	nq	99
71) Phenanthrene	11.45	178	1368578	52.317	nq	99
72) Anthracene	11.50	178	1401971	54.054	nq	99
73) Carbazole	11.66	167	1215794	53.643	nq	99
74) Di-n-butylphthalate	11.98	149	1488341	52.742	nq	99
75) Fluoranthene	12.64	202	1377583	60.405	nq	99
77) Benzidine	12.76	184	19804	1.863	nq	# 95
78) Pyrene	12.87	202	1379111	52.571	nq	99
80) Butylbenzylphthalate	13.49	149	611293	54.254	nq	99
81) Benzo(a)anthracene	14.06	228	1108237	51.665	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	208740	27.820	nq	98
83) Chrysene	14.10	228	1072091	51.578	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	823059	60.253	nq	99
85) Di-n-octyl phthalate	14.66	149	1235081	61.546	nq	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1123453	63.505	nq	100
88) Benzo(b)fluoranthene	15.13	252	1017525	50.432	nq	99
89) Benzo(k)fluoranthene	15.16	252	904789	47.594	nq	99
90) Benzo(a)pyrene	15.51	252	909678	51.273	nq	97
91) Dibenzo(a,h)anthracene	17.11	278	940227	61.570	nq	99
92) Benzo(g,h,i)perylene	17.55	276	951652	62.567	nq	99

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

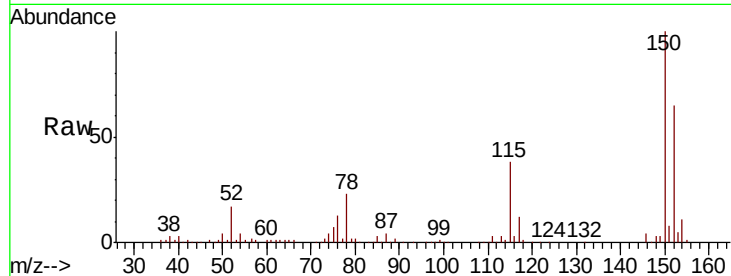


#1

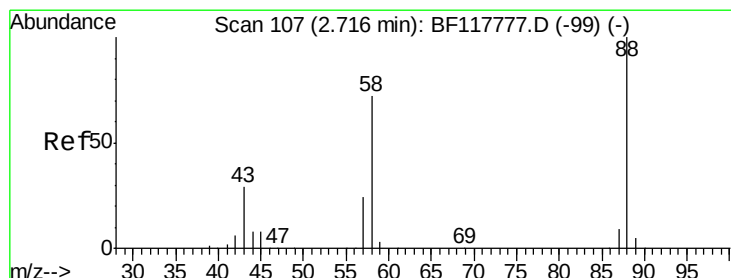
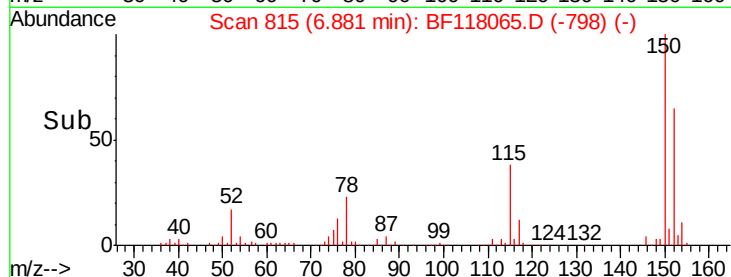
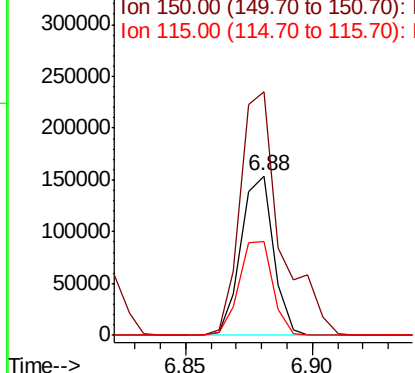
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137298
Ion Ratio Lower Upper
152 100
150 152.7 121.4 182.2
115 58.5 48.8 73.2



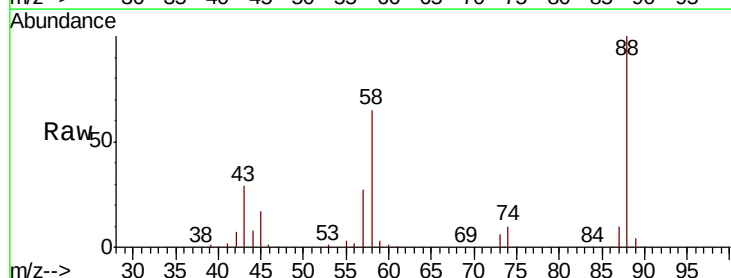
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



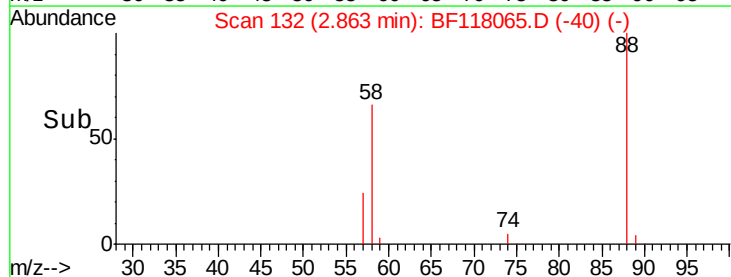
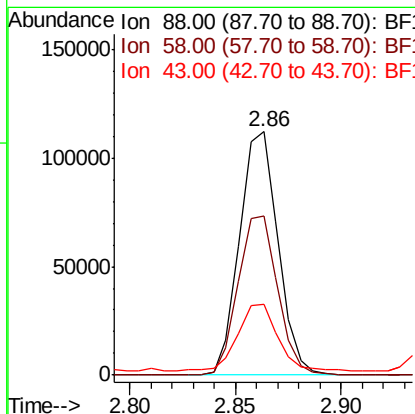
#2

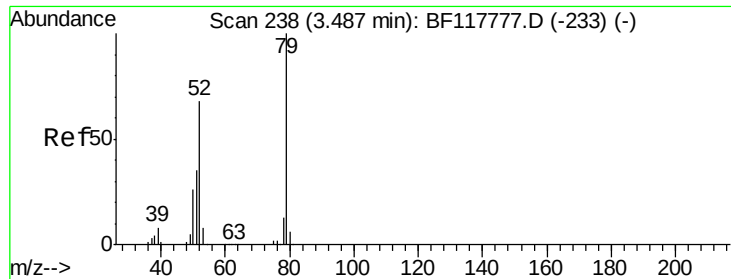
1,4-Dioxane
Concen: 39.243 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.24 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion: 88 Resp: 142280
Ion Ratio Lower Upper
88 100
58 66.7 52.6 78.8
43 0.0 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: 33.364 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.19 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

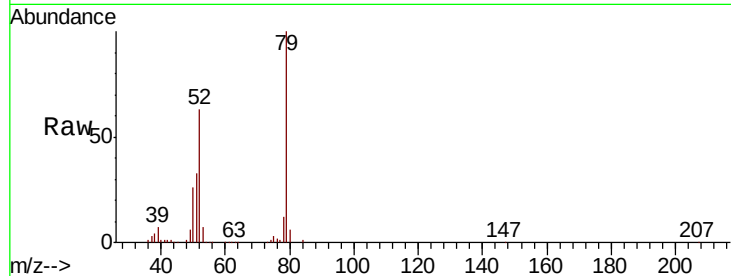
Tot Ion: 79 Resp: 317311

Ion Ratio Lower Upper

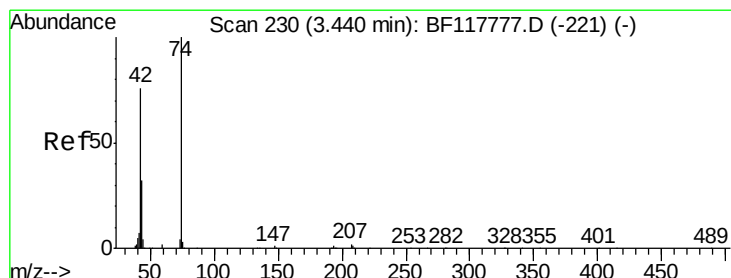
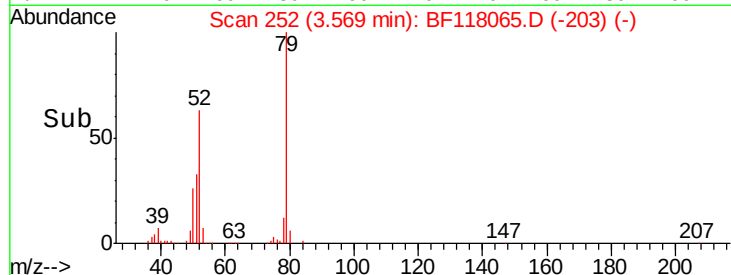
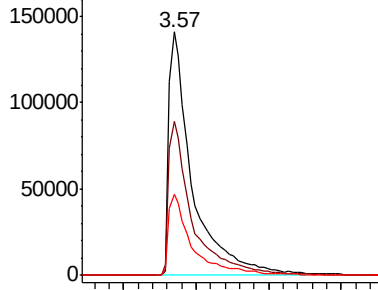
79 100

52 63.3 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



#4

n-Nitrosodimethylamine

Concen: 44.589 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.16 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

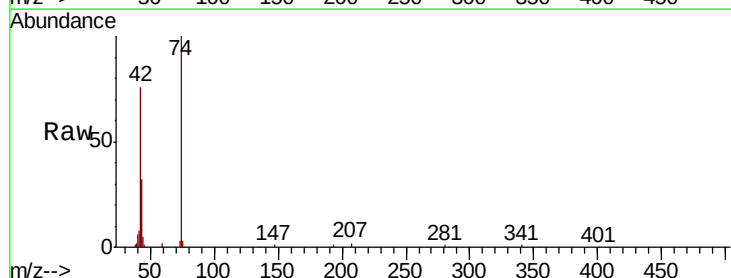
Tgt Ion: 42 Resp: 185120

Ion Ratio Lower Upper

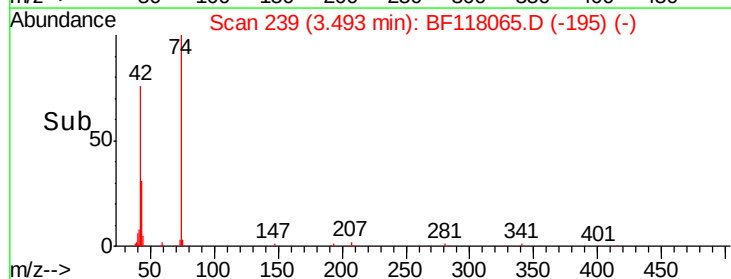
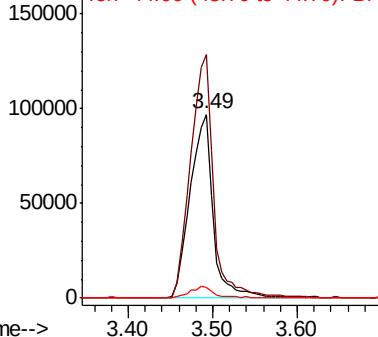
42 100

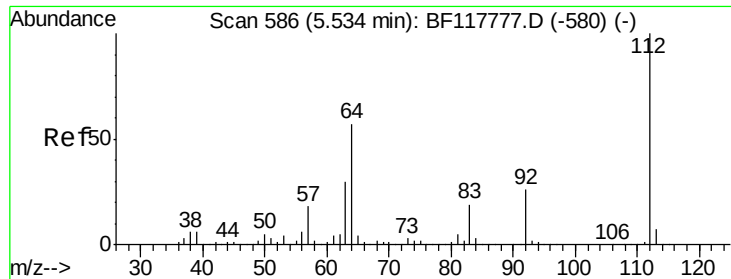
74 132.3 102.8 154.2

44 6.1 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





#5

2-Fluorophenol

Concen: 147.100 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.03 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

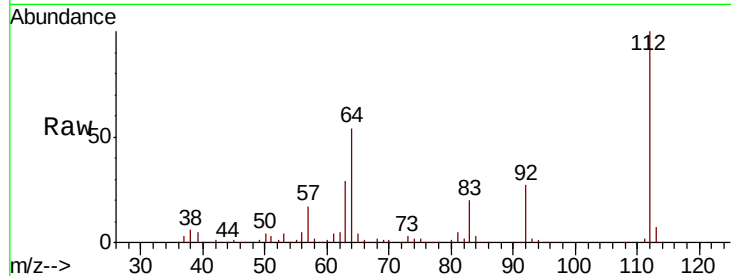
Tot Ion: 112 Resp: 1140976

Ion Ratio Lower Upper

112 100

64 53.8 45.1 67.7

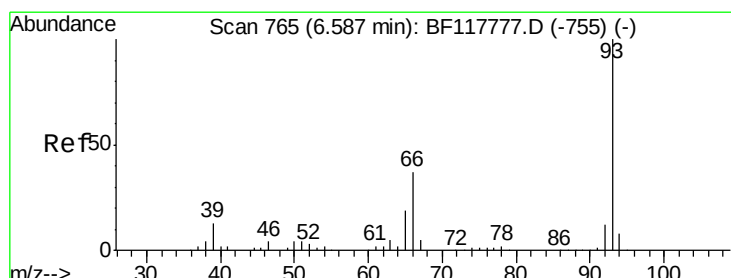
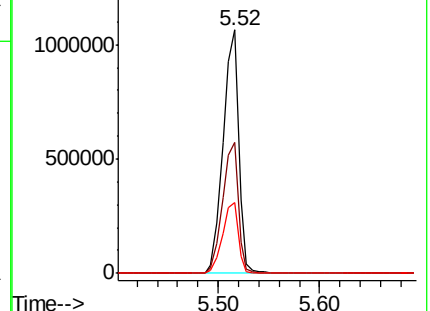
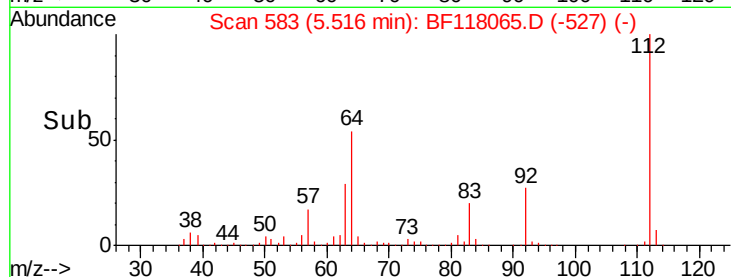
63 29.3 24.6 37.0



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: 14.993 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

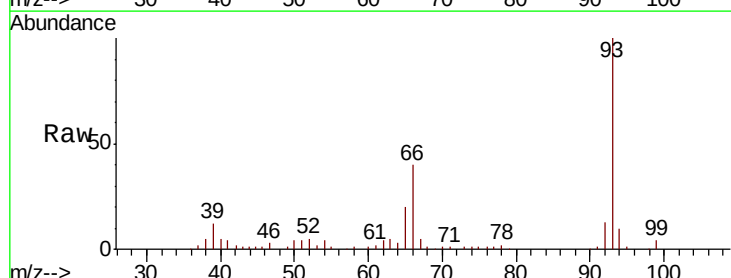
Tgt Ion: 93 Resp: 185361

Ion Ratio Lower Upper

93 100

66 40.3 31.0 46.6

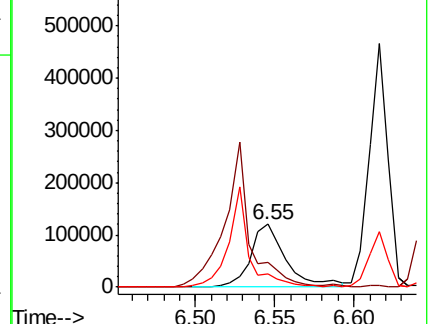
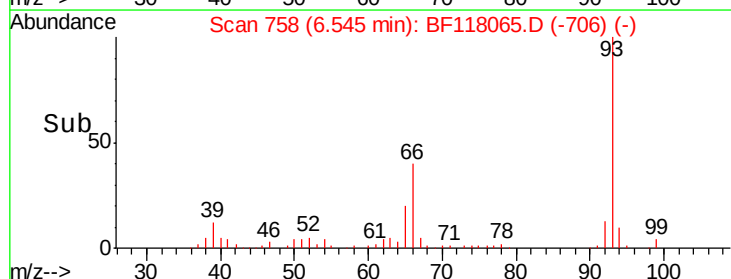
65 20.3 15.8 23.8

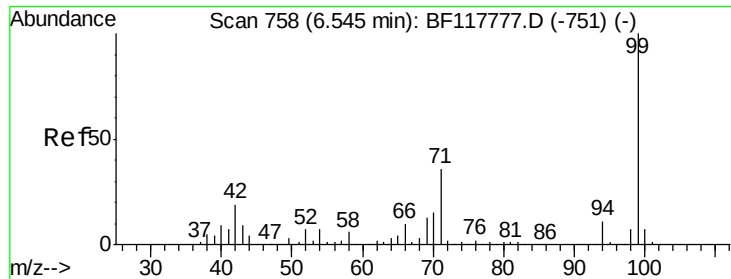


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.125 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

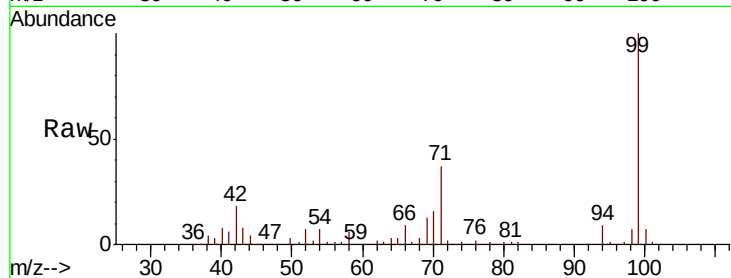
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1395154

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	36.9	29.2	43.8

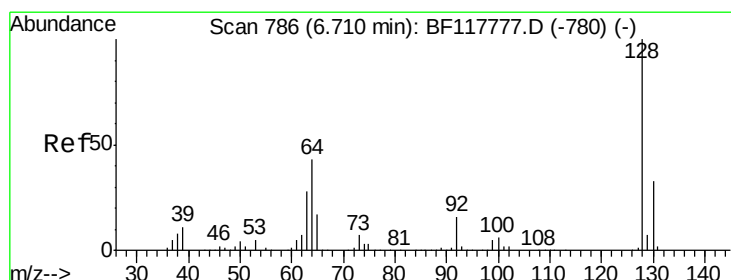
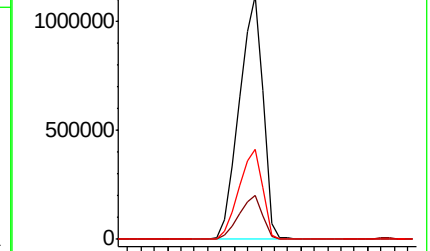
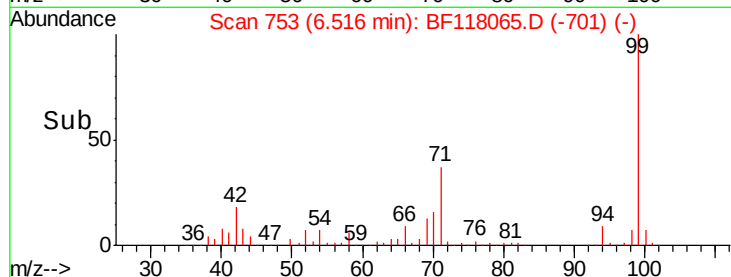


Abundance

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: 53.568 ng

RT: 6.67 min Scan# 779

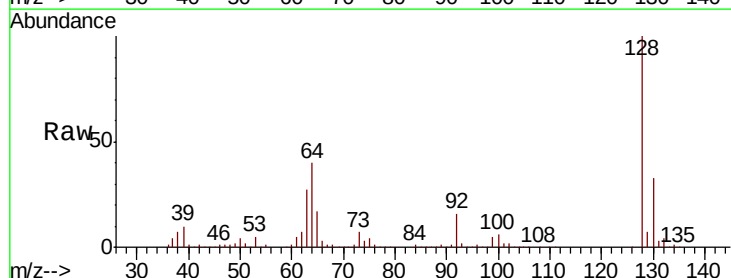
Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Tgt Ion: 128 Resp: 450857

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	40.1	23.2	63.2

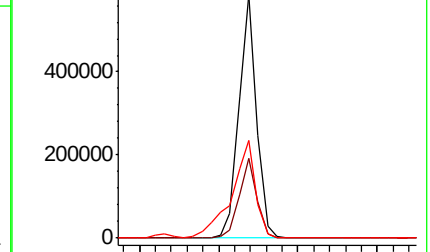
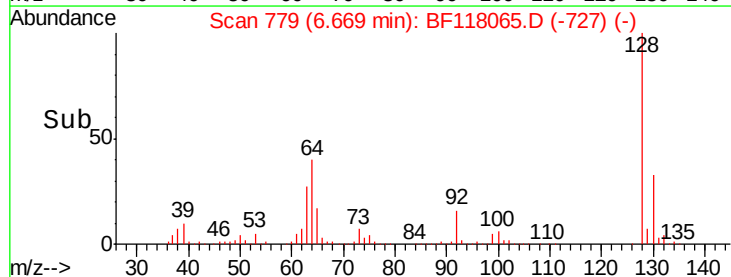


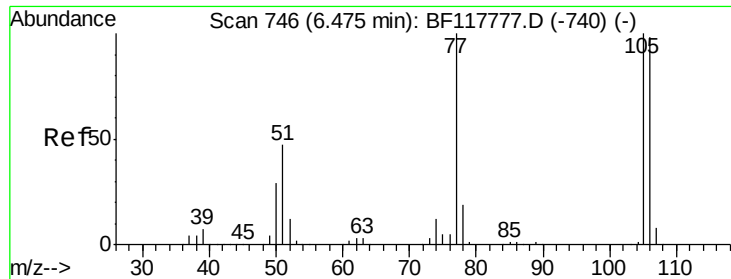
Abundance

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: 11.820 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampled :

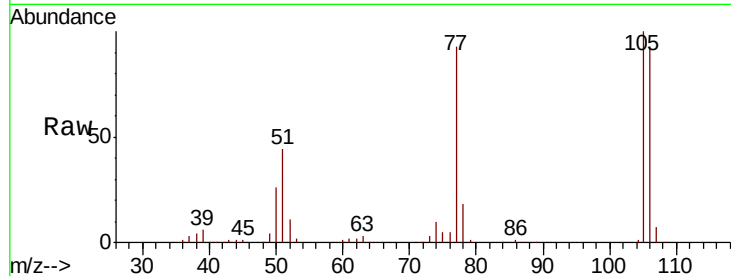
Tot Ion: 77 Resp: 95674

Ion Ratio Lower Upper

77 100

105 107.2 83.3 123.3

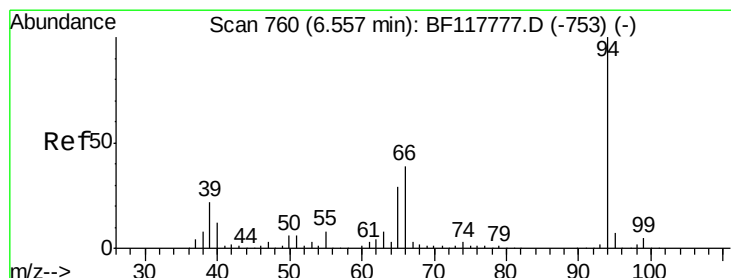
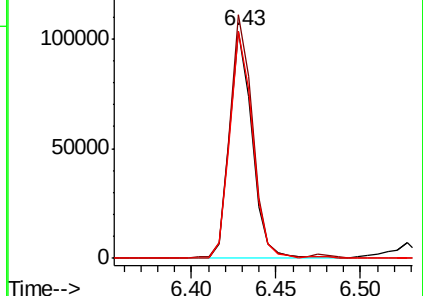
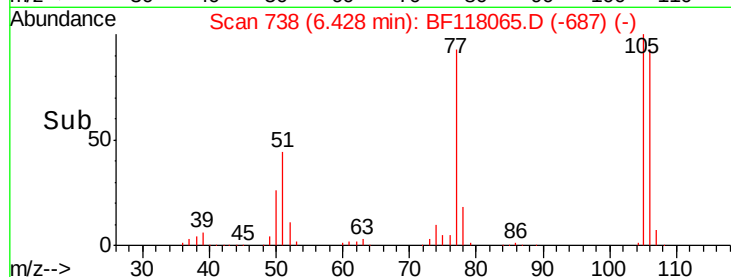
106 99.8 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 50.199 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

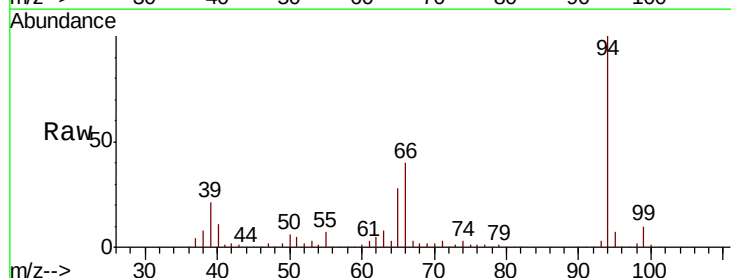
Tgt Ion: 94 Resp: 488021

Ion Ratio Lower Upper

94 100

65 28.2 6.9 46.9

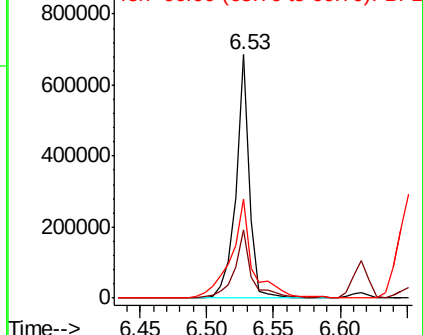
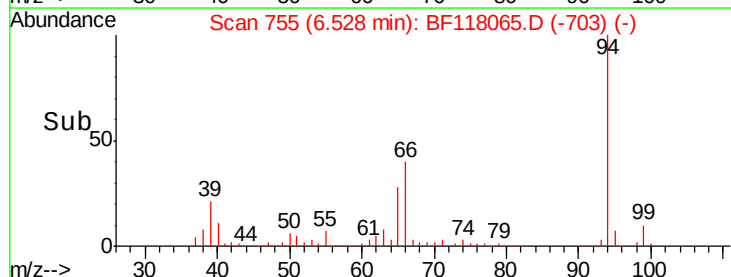
66 40.4 18.6 58.6

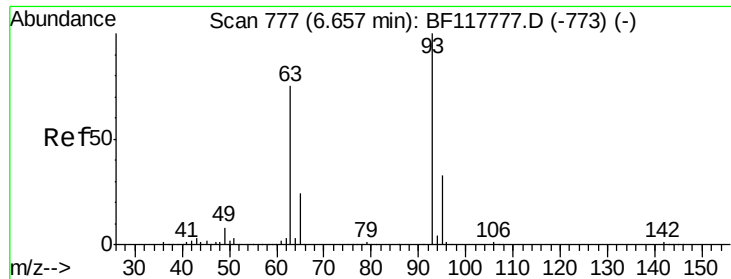


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

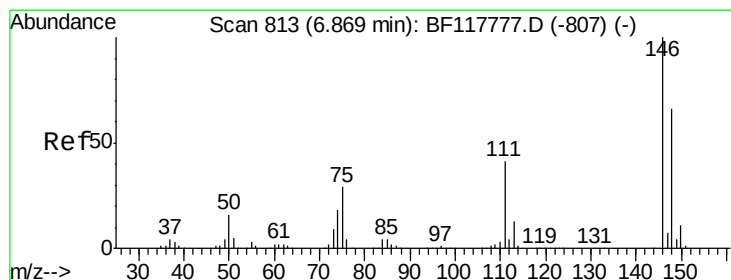
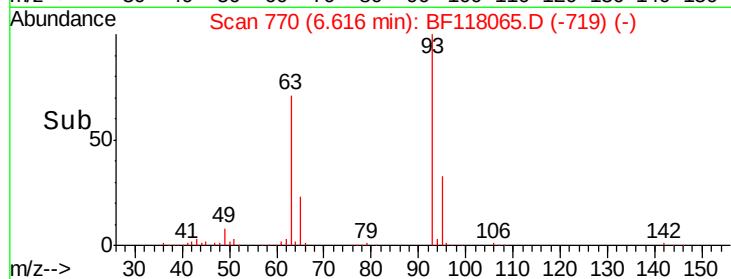
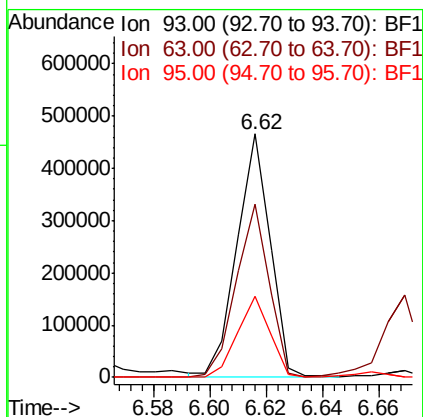
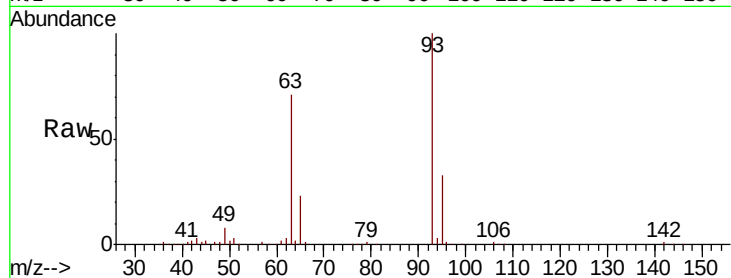




#11
bis(2-Chloroethyl)ether
Concen: 48.504 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

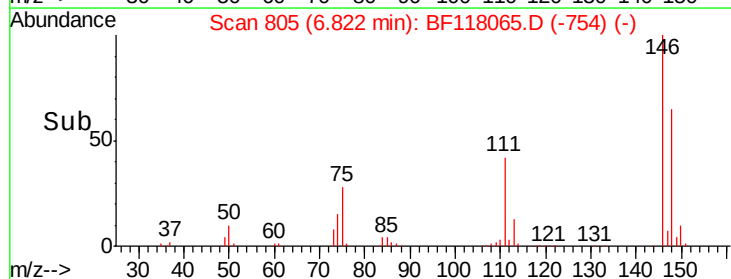
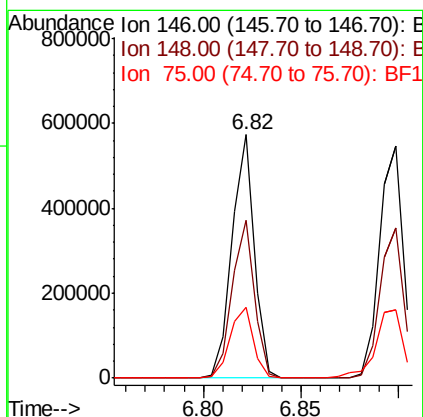
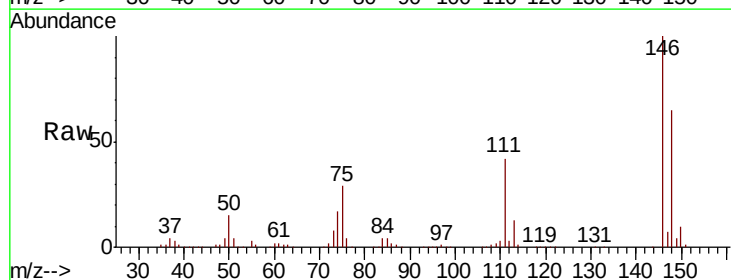
Instrument :
BNA_F
ClientSampleId :

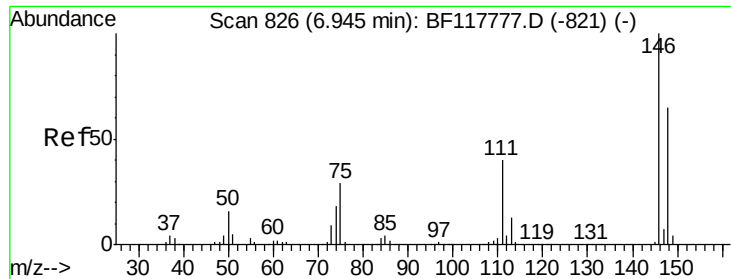
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	46.8	86.8
95	33.3	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 45.994 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.7	79.1
75	29.1	24.5	36.7

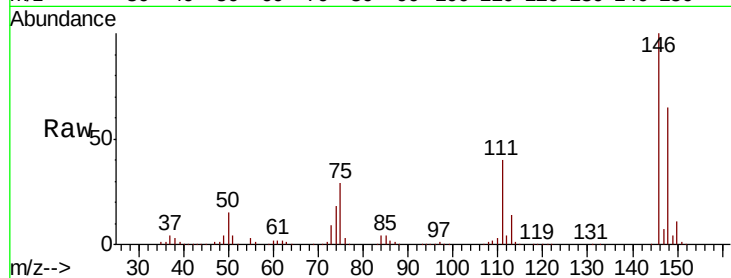




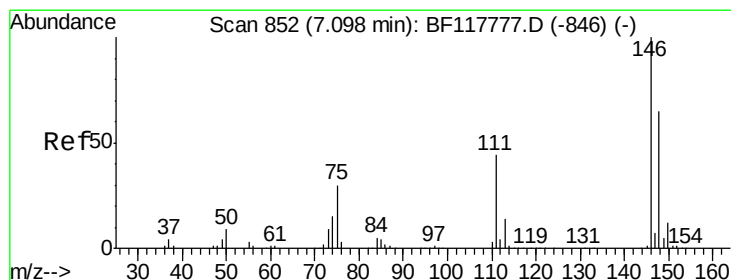
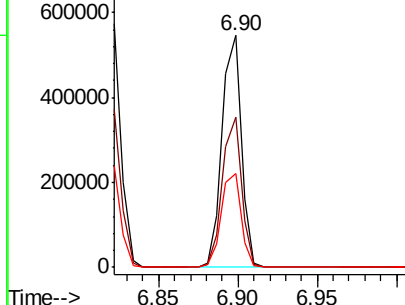
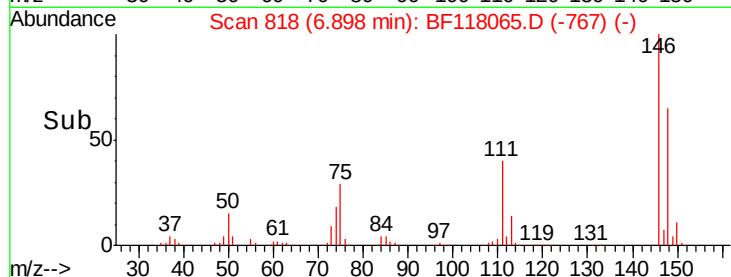
#13
 1,4-Dichlorobenzene
 Concen: 46.213 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	40.5	34.6	51.8

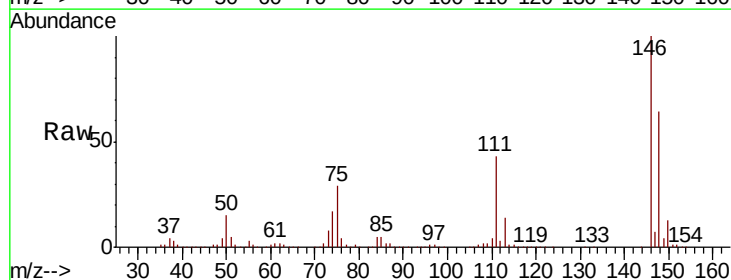


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

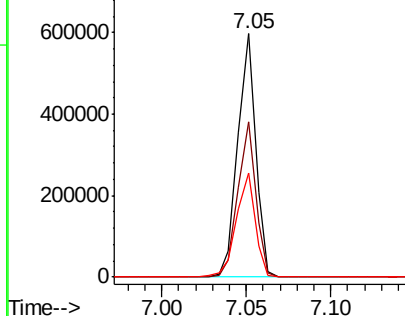
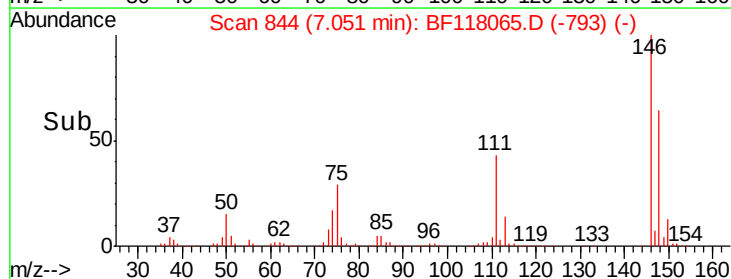


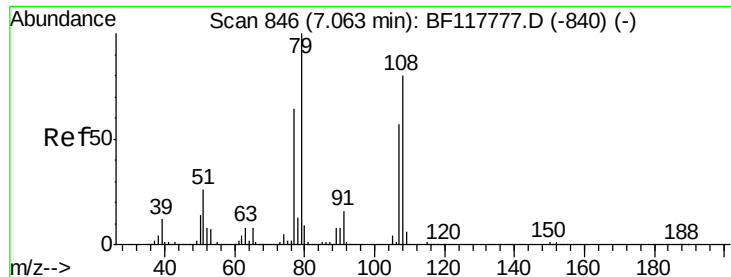
#14
 1,2-Dichlorobenzene
 Concen: 46.047 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.9	35.8	53.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.158 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampled :

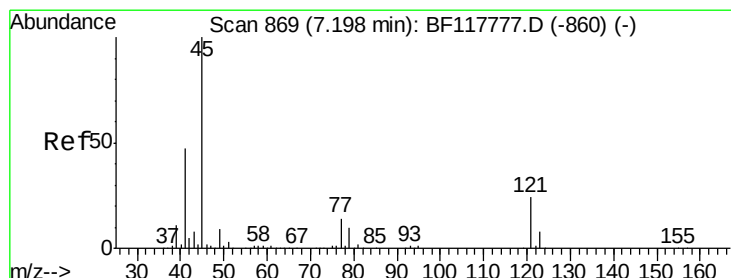
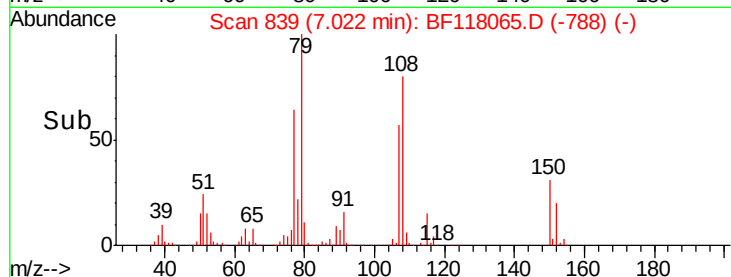
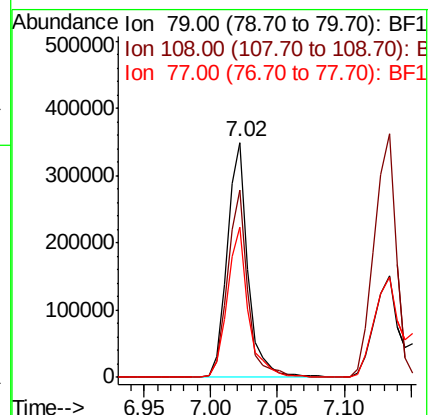
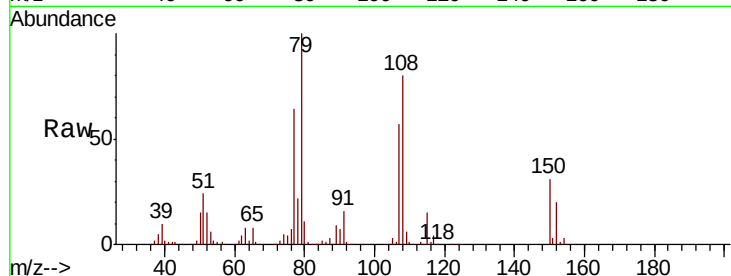
Tot Ion: 79 Resp: 383959

Ion Ratio Lower Upper

79 100

108 79.7 63.1 94.7

77 64.1 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.651 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

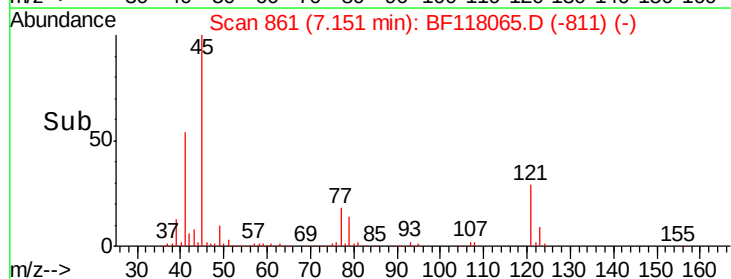
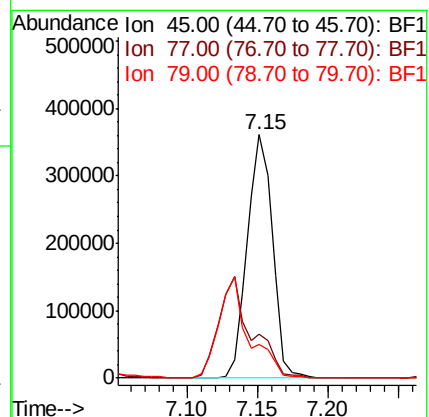
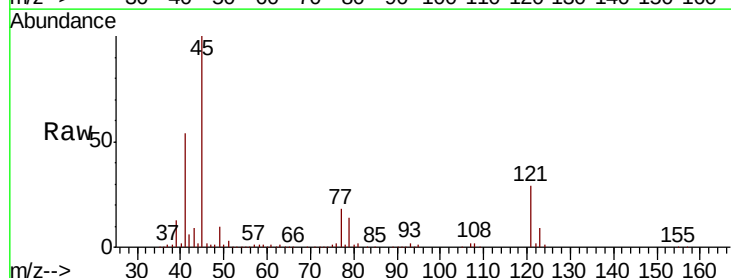
Tgt Ion: 45 Resp: 452560

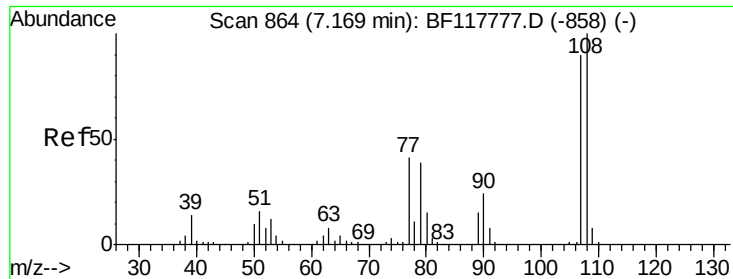
Ion Ratio Lower Upper

45 100

77 18.0 0.0 36.8

79 13.7 0.0 33.5

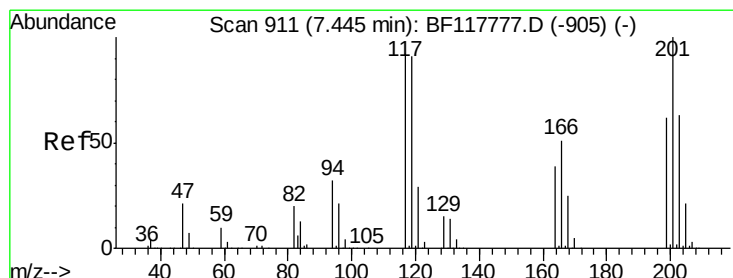
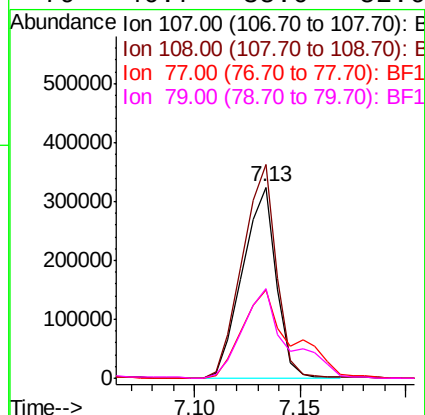
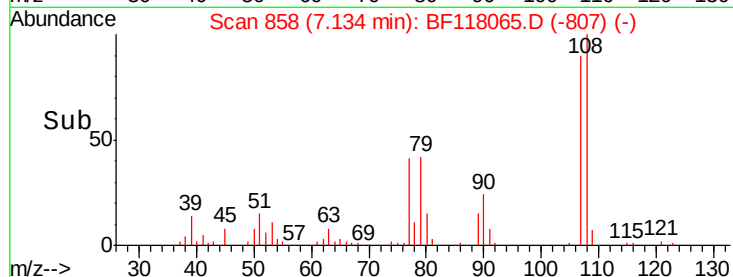
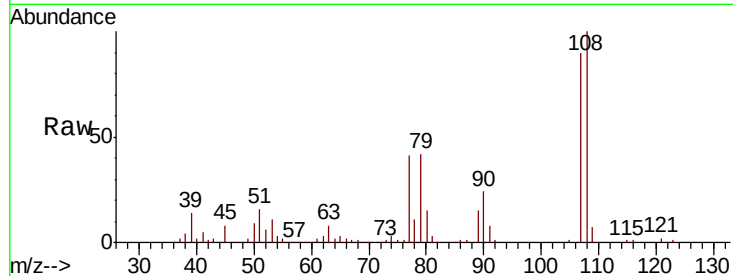




#17
2-Methylphenol
Concen: 50.436 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

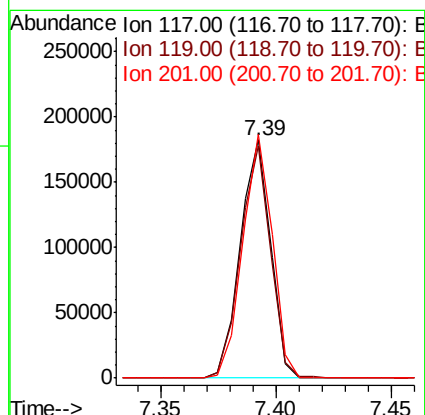
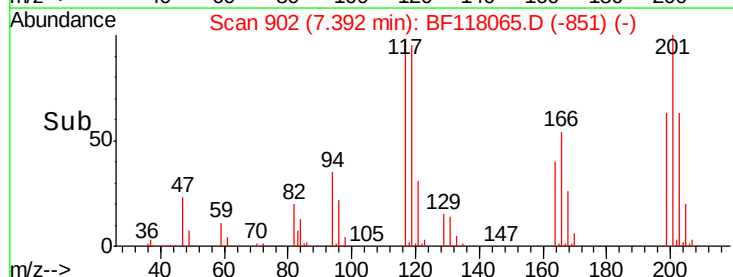
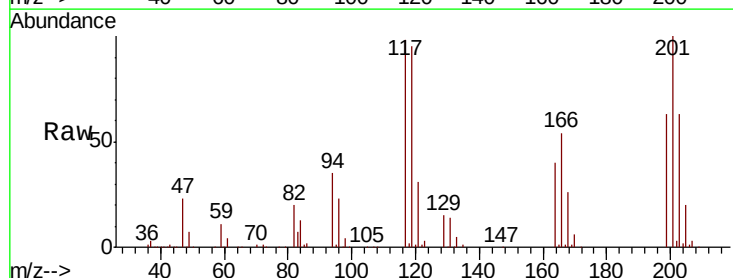
Instrument :
BNA_F
ClientSampleId :

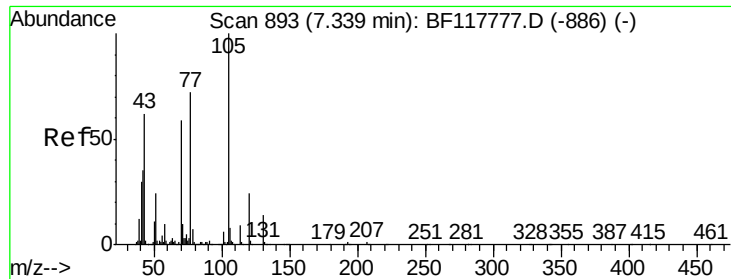
Tot Ion:107 Resp: 359479
Ion Ratio Lower Upper
107 100
108 111.6 89.8 134.8
77 46.2 35.0 52.6
79 46.7 35.0 52.6



#18
Hexachloroethane
Concen: 45.404 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:117 Resp: 167056
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6
201 102.1 71.7 107.5

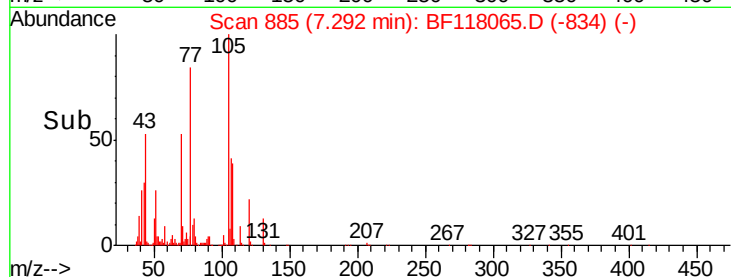
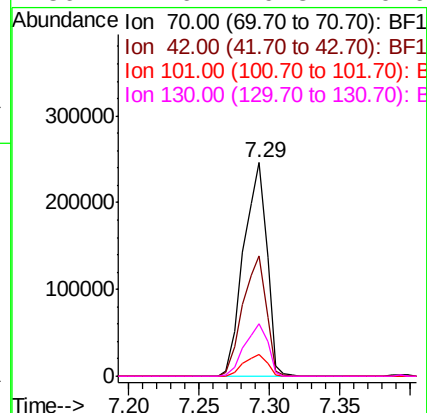
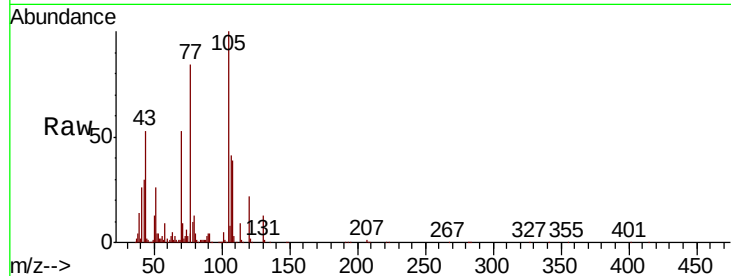




#19
n-Nitroso-di-n-propylamine
Concen: 49.218 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

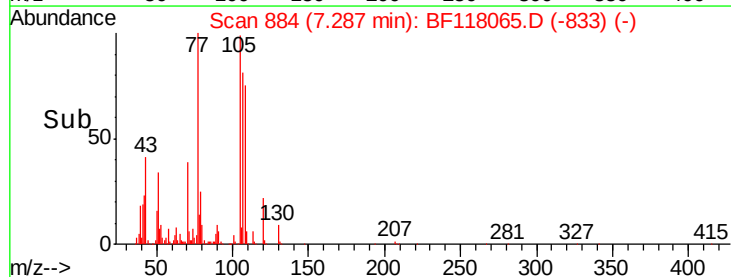
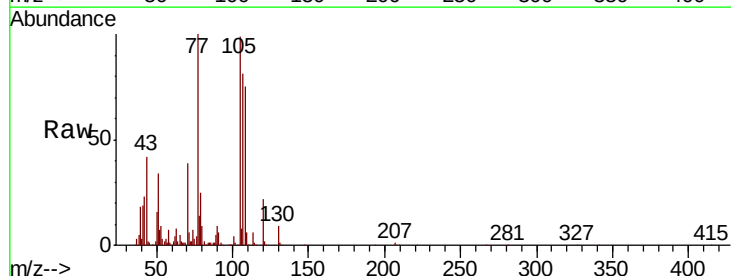
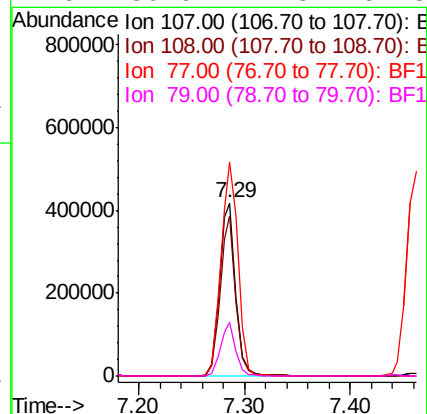
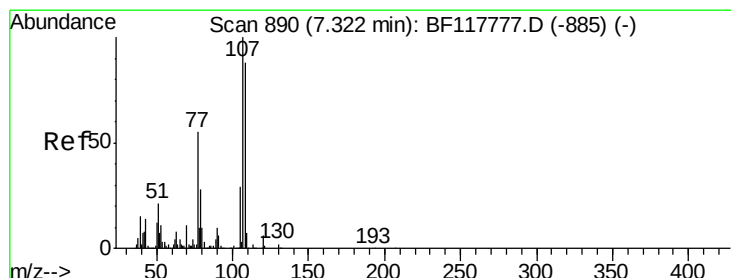
Instrument :
BNA_F
ClientSampleId :

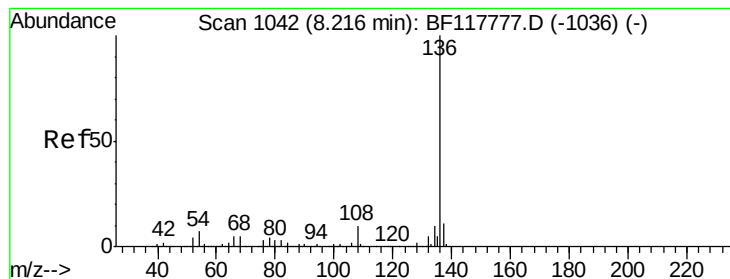
Tot Ion:	70	Resp:	284072
Ion	Ratio	Lower	Upper
70	100		
42	56.2	46.0	69.0
101	10.0	8.8	13.2
130	24.6	19.8	29.6



#20
3+4-Methylphenols
Concen: 50.821 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:	107	Resp:	449643
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.9	111.9
77	123.6	91.6	131.6
79	30.9	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: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532700

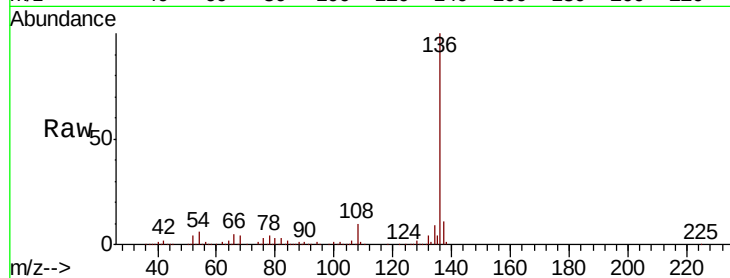
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.4 4.9 7.3

68 4.4 3.6 5.4

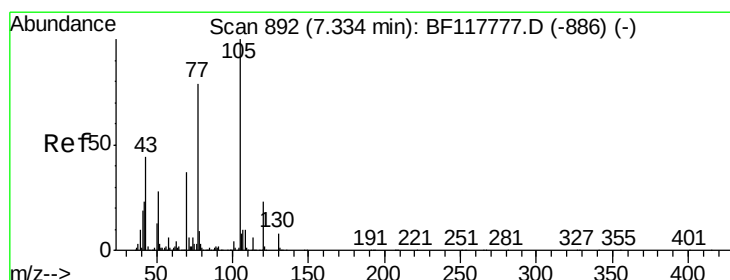
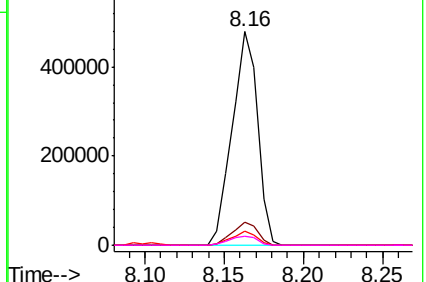
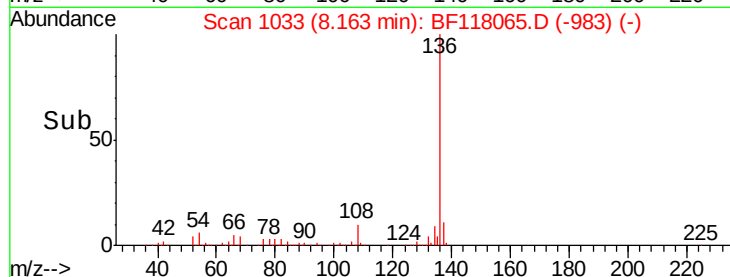


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 50.849 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Tgt Ion:105 Resp: 608565

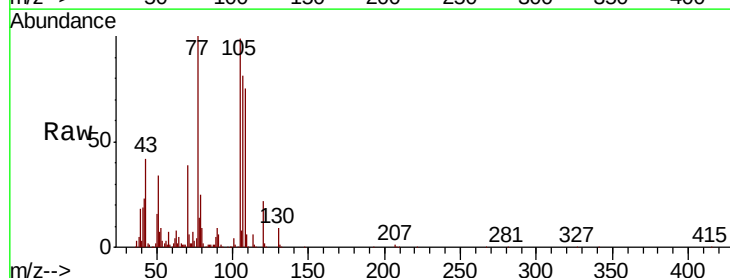
Ion Ratio Lower Upper

105 100

71 6.5 5.9 8.9

51 34.1 20.2 30.2#

120 22.5 17.9 26.9

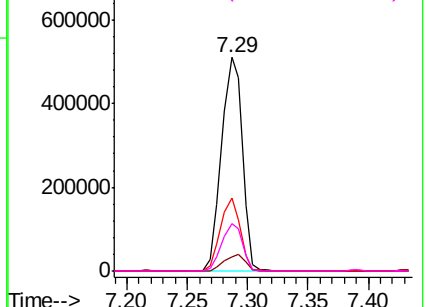
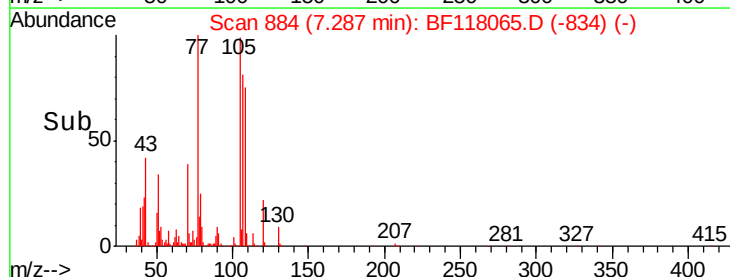


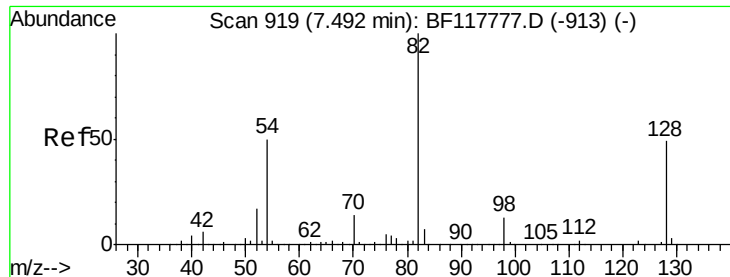
Abundance Ion 105.00 (104.70 to 105.70): E

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

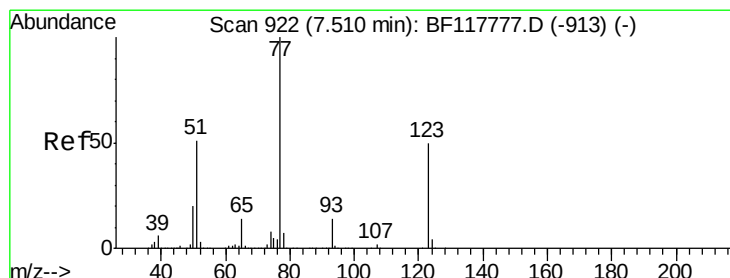
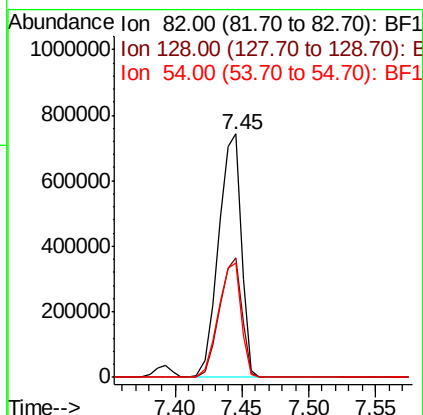
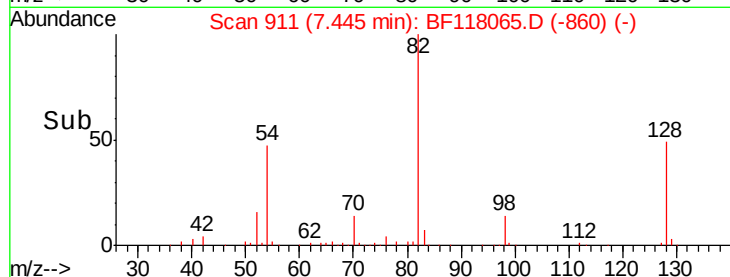
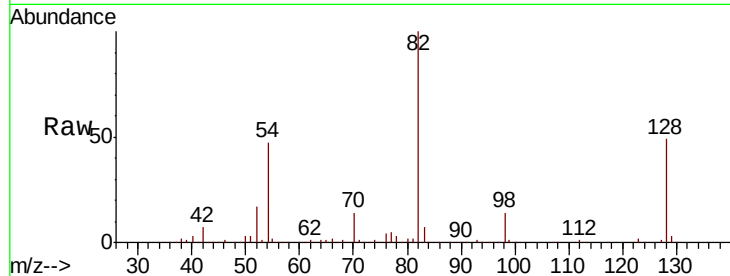




#23
Nitrobenzene-d5
Concen: 100.008 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

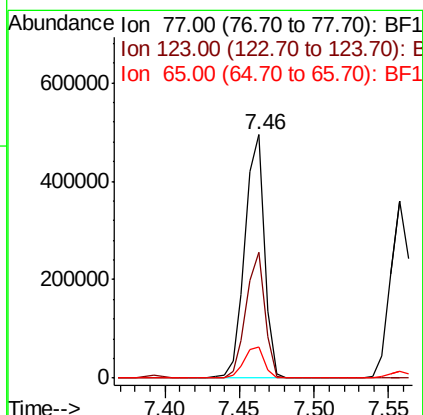
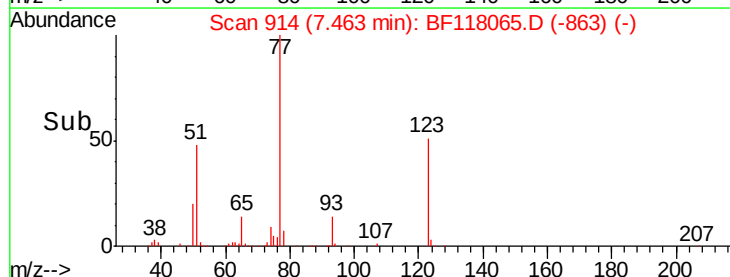
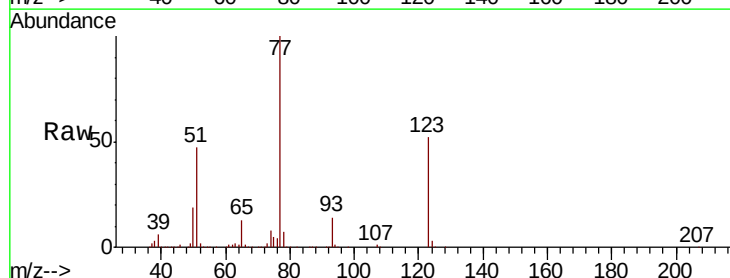
Instrument :
BNA_F
ClientSampleId :

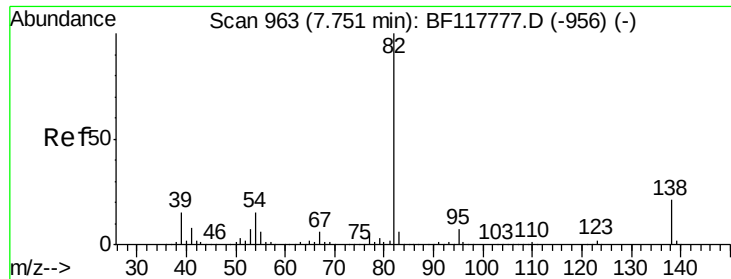
Tot Ion: 82 Resp: 896182
Ion Ratio Lower Upper
82 100
128 48.9 38.2 57.4
54 47.0 39.0 58.4



#24
Nitrobenzene
Concen: 48.616 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion: 77 Resp: 449432
Ion Ratio Lower Upper
77 100
123 51.7 38.2 57.2
65 13.0 11.1 16.7

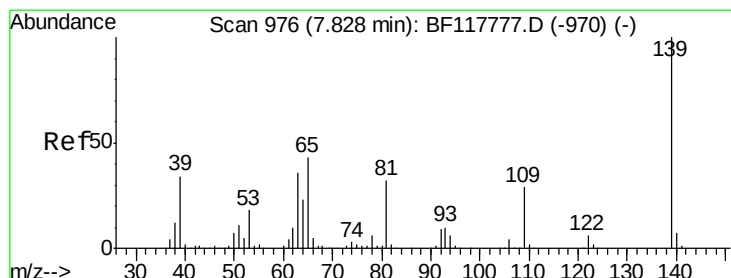
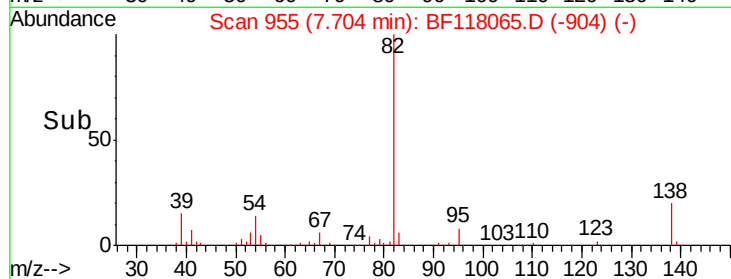
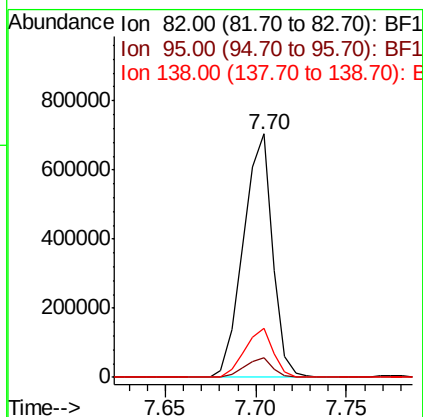
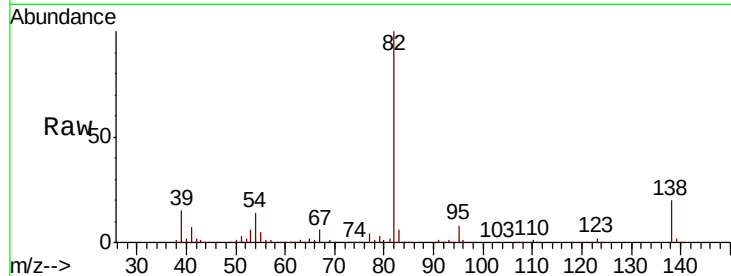




#25
Isophorone
Concen: 47.992 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

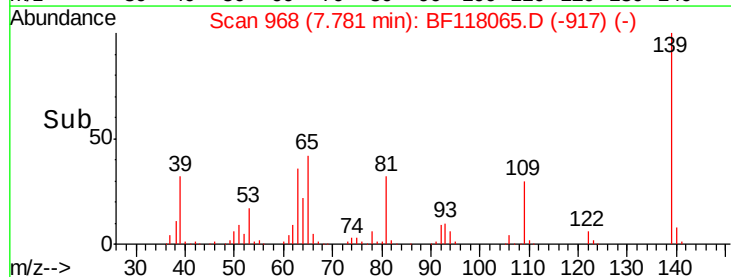
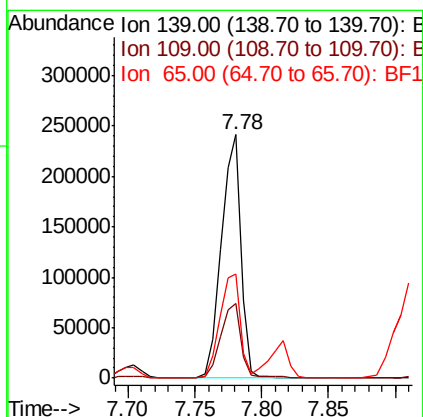
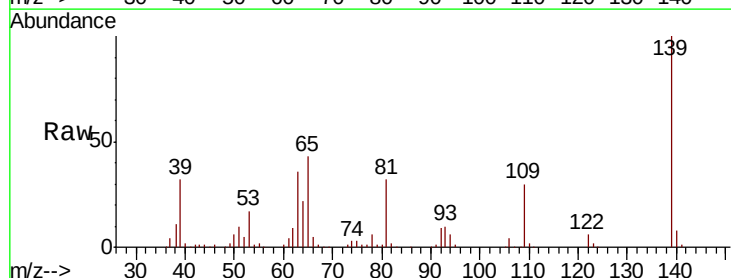
Instrument :
BNA_F
ClientSampleId :

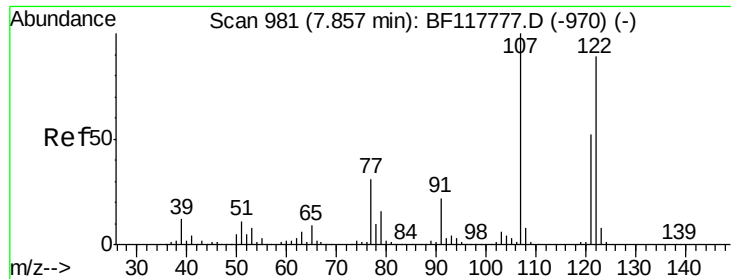
Tot Ion: 82 Resp: 788230
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 20.1 15.9 23.9



#26
2-Nitrophenol
Concen: 55.603 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion: 139 Resp: 250189
Ion Ratio Lower Upper
139 100
109 30.4 23.8 35.6
65 42.6 36.2 54.4

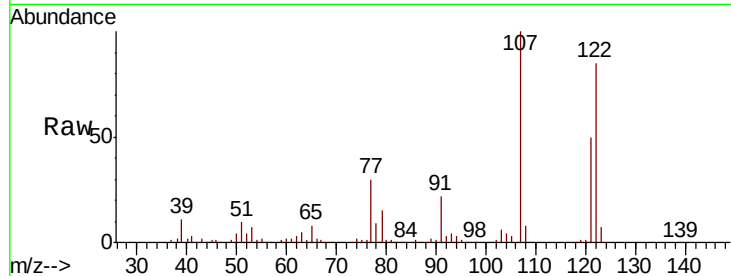




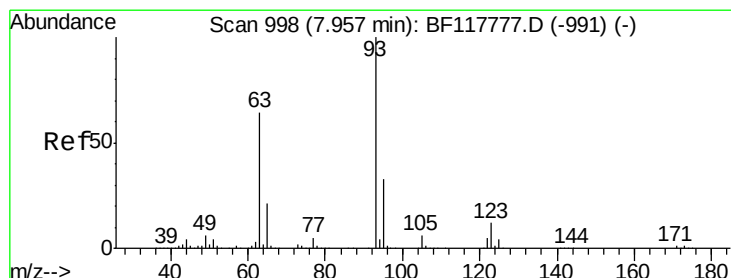
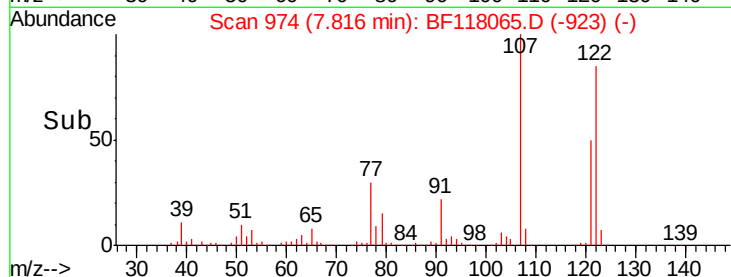
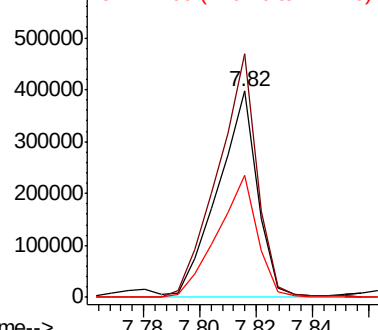
#27
2,4-Dimethylphenol
Concen: 55.606 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 388791
Ion Ratio Lower Upper
122 100
107 118.2 92.6 138.8
121 59.4 46.9 70.3

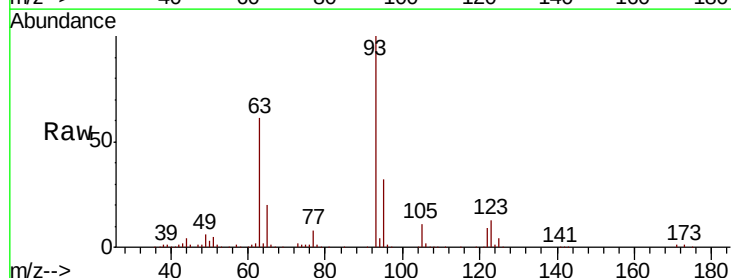


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

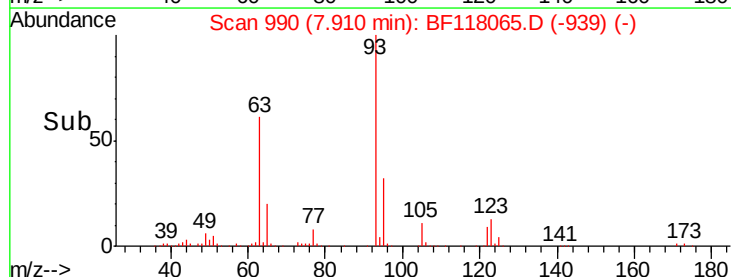
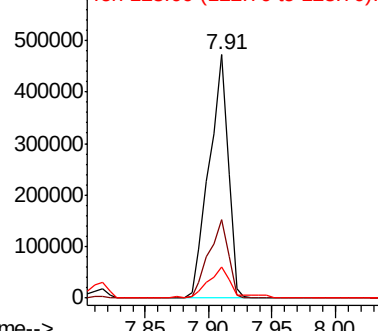


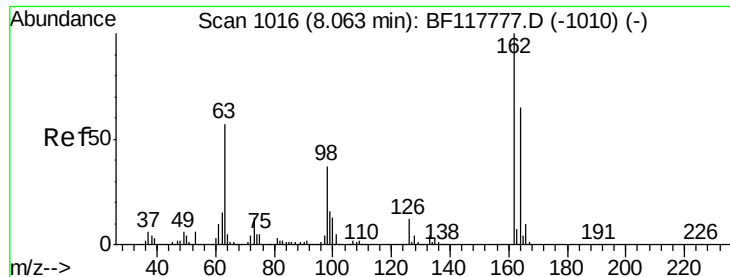
#28
bis(2-Chloroethoxy)methane
Concen: 47.267 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion: 93 Resp: 492641
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 12.7 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

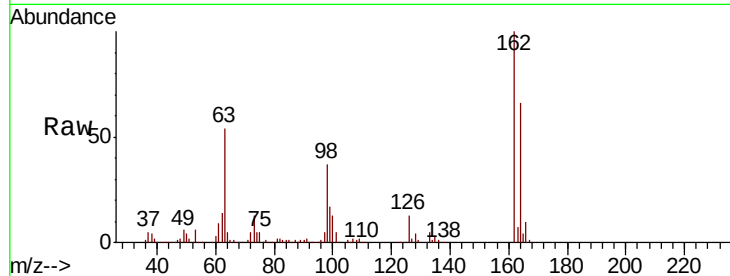




#29
2,4-Dichlorophenol
Concen: 50.566 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.9	82.9
98	37.2	16.7	56.7

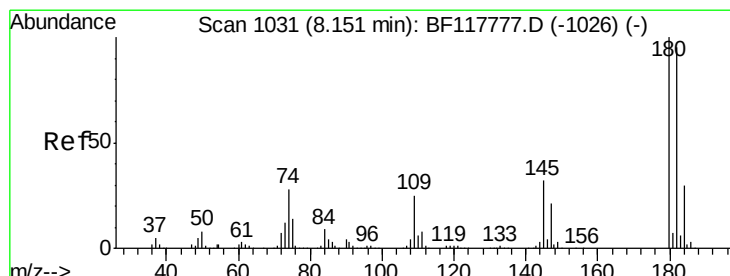
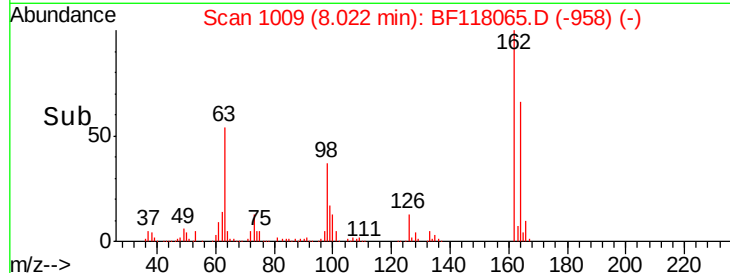
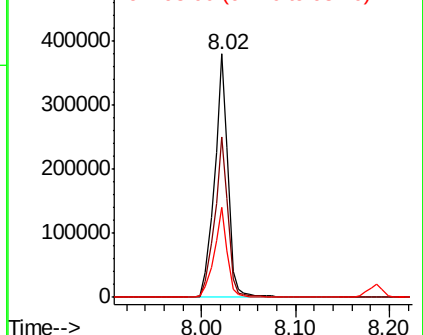


Abundance

Ion 162.00 (161.70 to 162.70): E

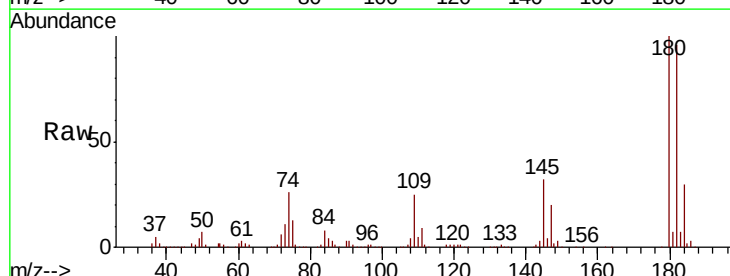
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.923 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	32.2	25.1	37.7

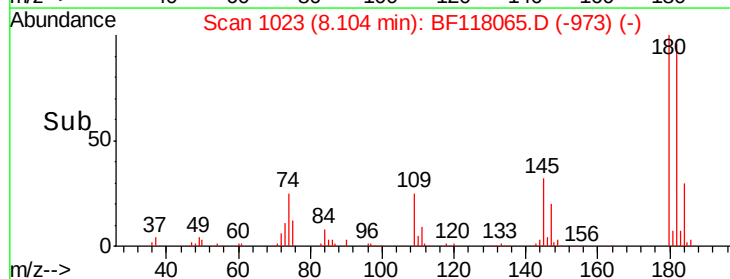
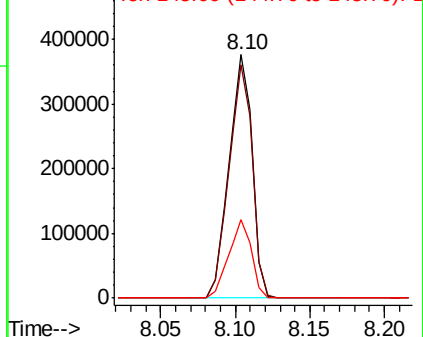


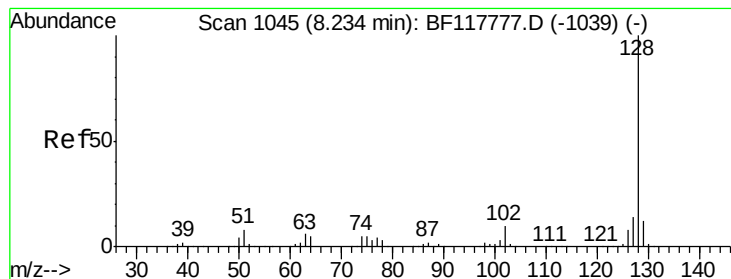
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.009 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

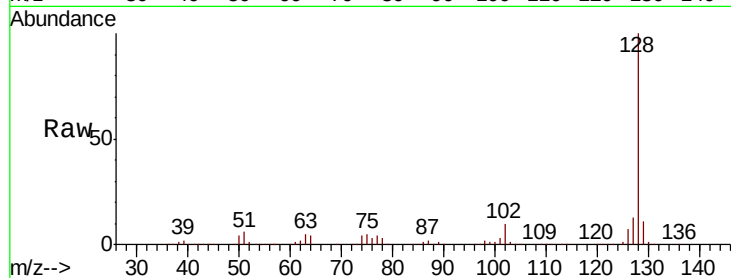
Tot Ion:128 Resp: 1366087

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

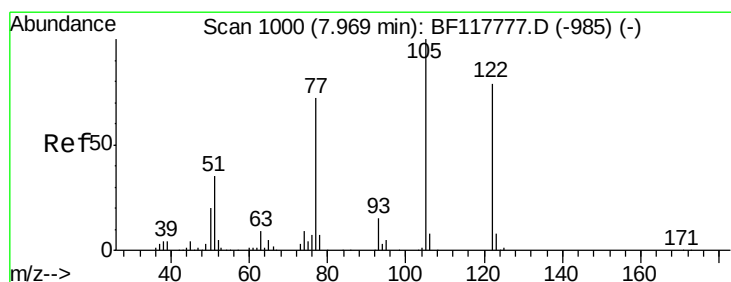
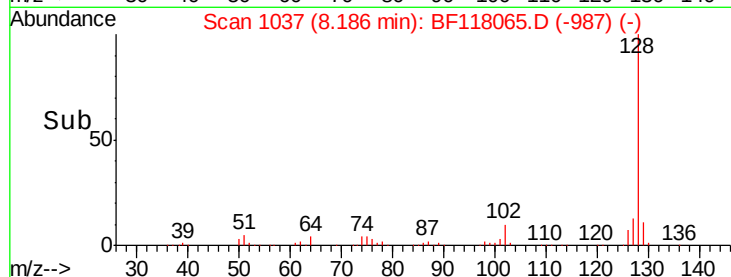
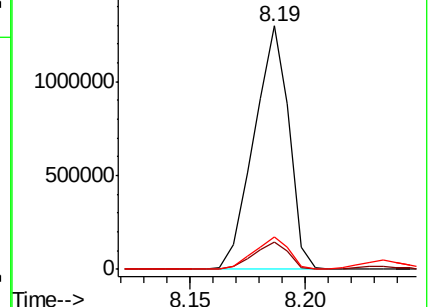
127 13.3 10.6 16.0



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: 42.502 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

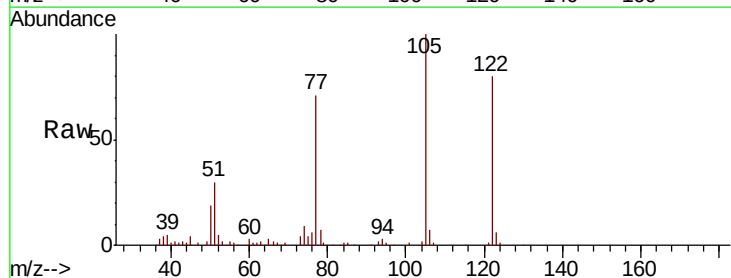
Tgt Ion:122 Resp: 248818

Ion Ratio Lower Upper

122 100

105 125.0 101.4 141.4

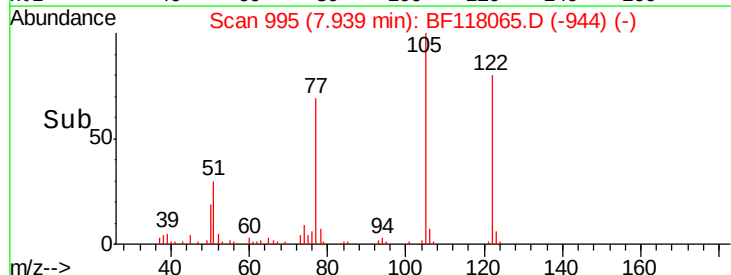
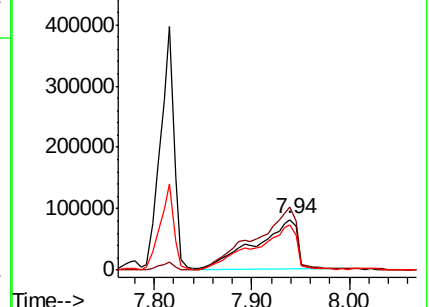
77 88.3 66.4 106.4

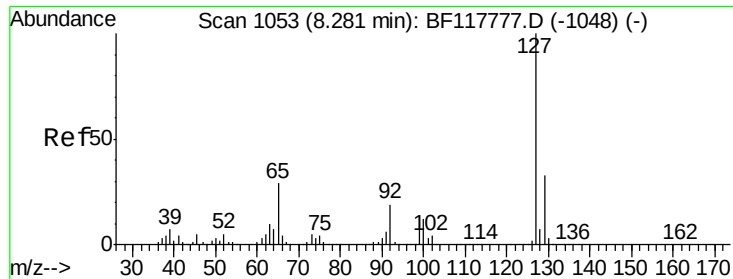


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

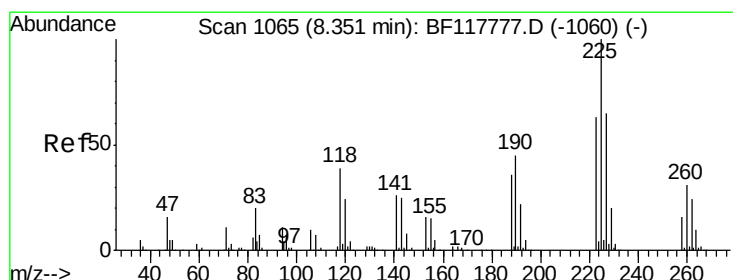
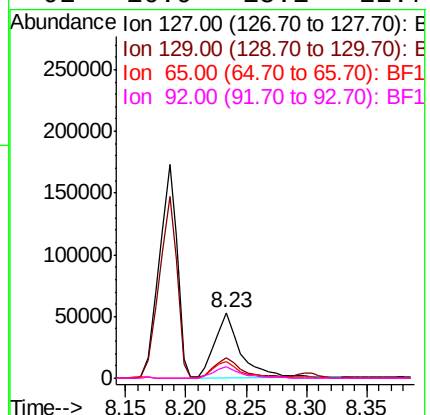
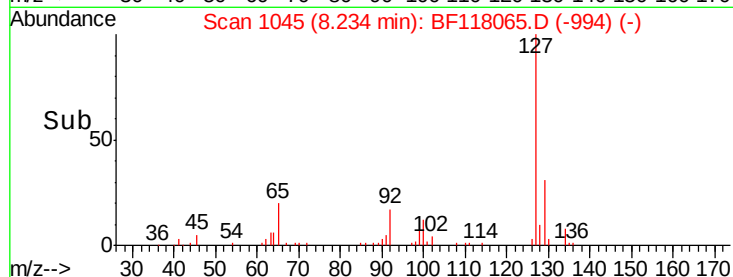
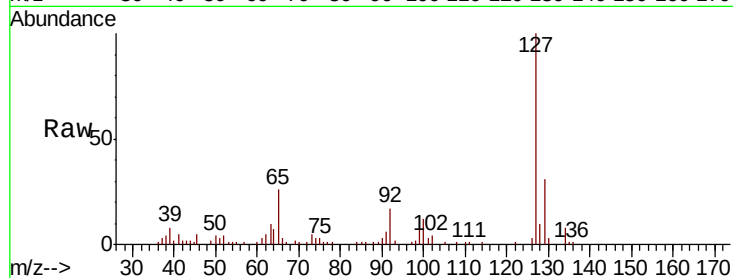




#33
4-Chloroaniline
Concen: 6.911 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

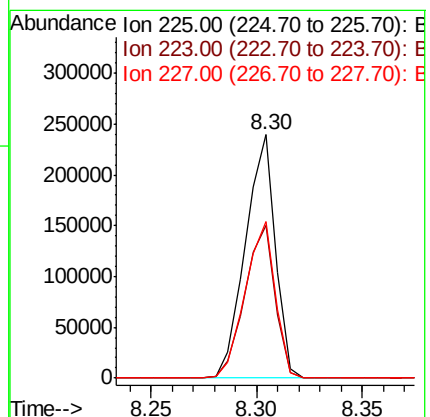
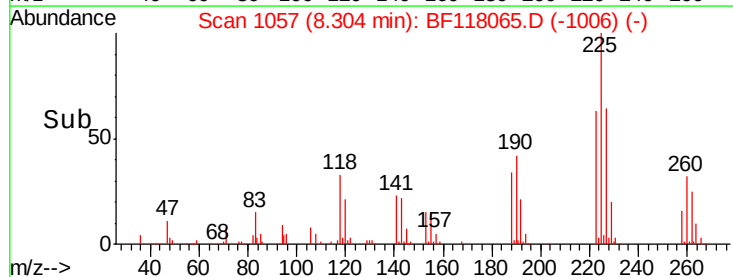
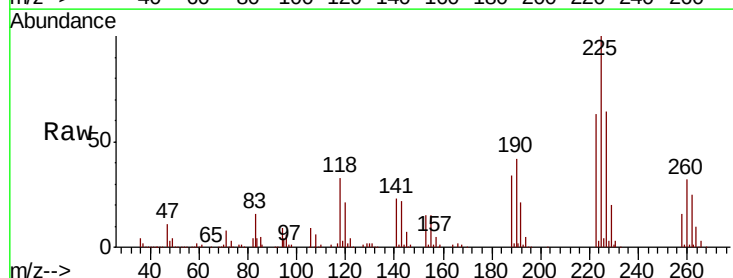
Instrument :
BNA_F
ClientSampled :

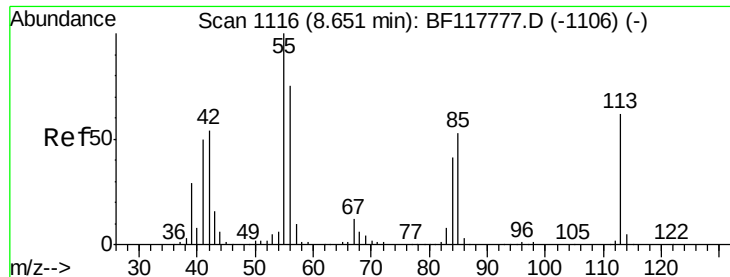
Tot Ion:	127	Resp:	76838
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.4	38.0
65	25.6	23.4	35.0
92	16.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 45.814 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:	225	Resp:	235636
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	64.5	52.6	78.8

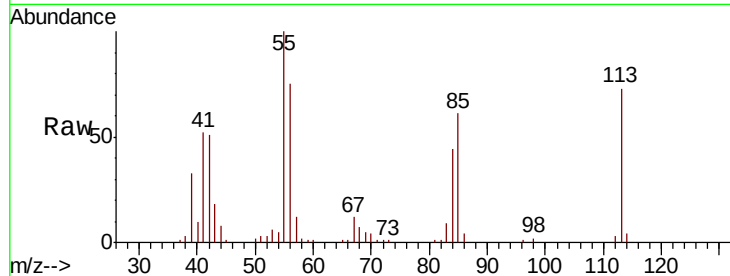




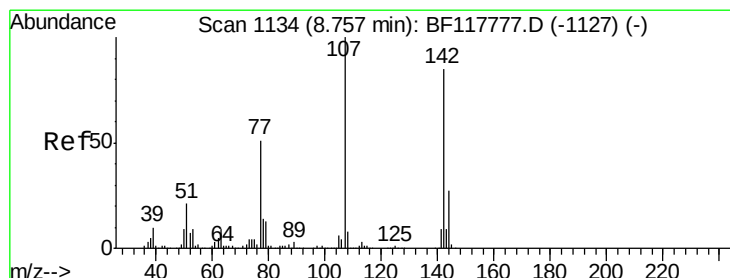
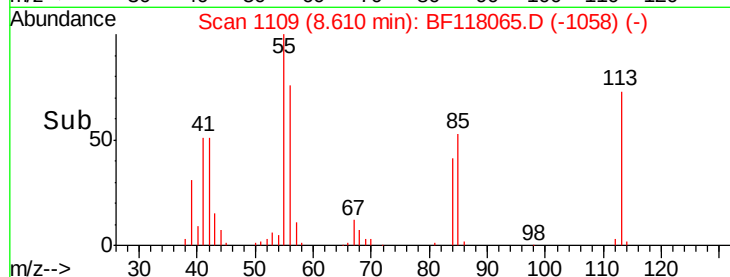
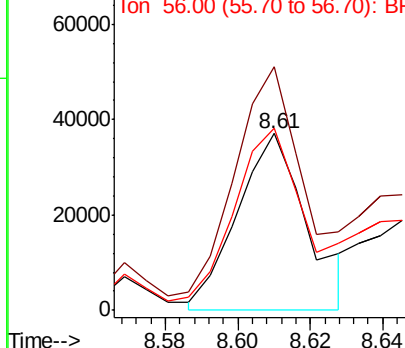
#35
Caprolactam
Concen: 20.387 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 49140
Ion Ratio Lower Upper
113 100
55 137.7 125.5 165.5
56 103.1 88.0 128.0

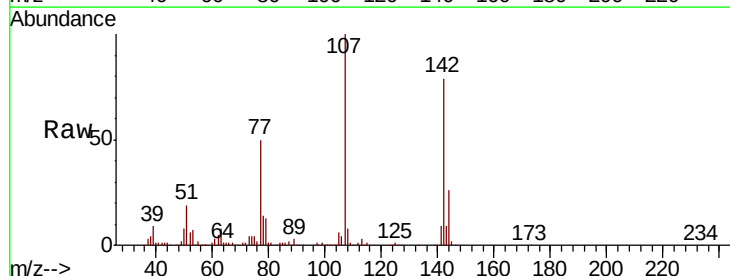


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

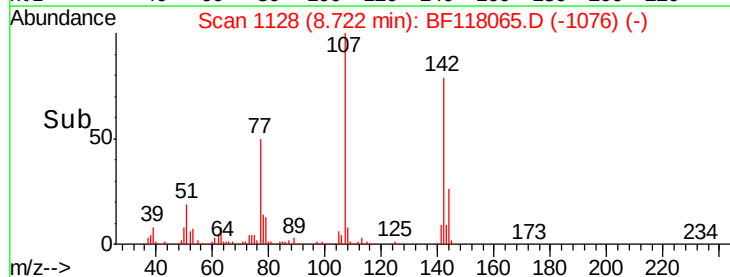
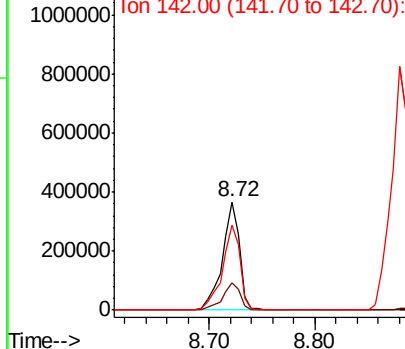


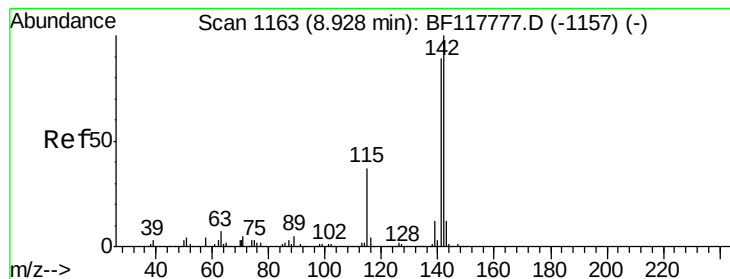
#36
4-Chloro-3-methylphenol
Concen: 53.948 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:107 Resp: 415233
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 78.6 62.5 93.7



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





#37

2-Methylnaphthalene

Concen: 53.724 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampled :

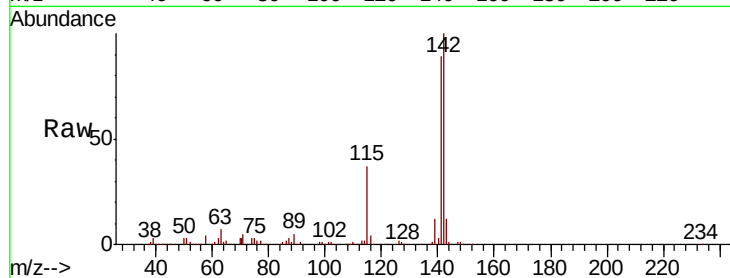
Tot Ion:142 Resp: 901464

Ion Ratio Lower Upper

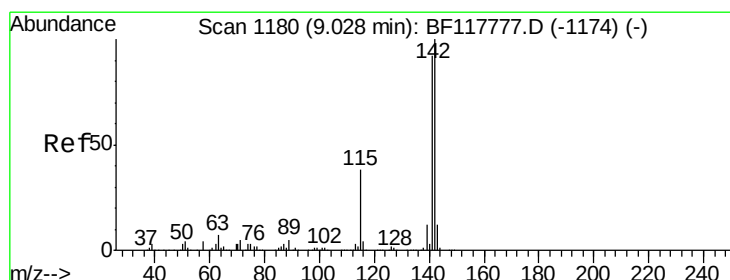
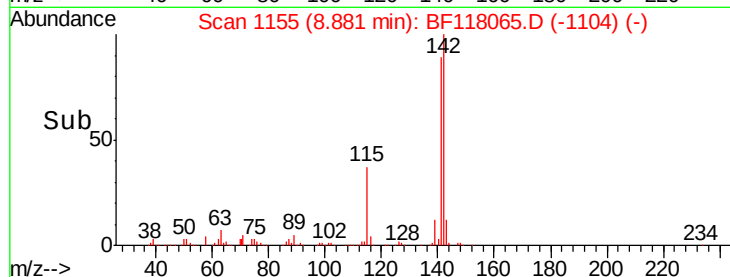
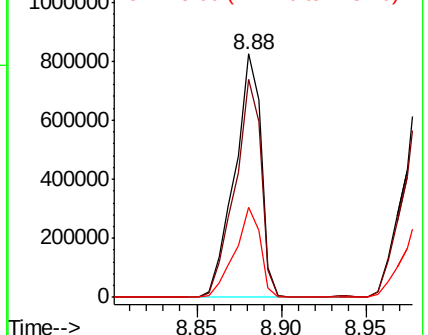
142 100

141 89.4 70.2 105.4

115 36.9 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: 52.872 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

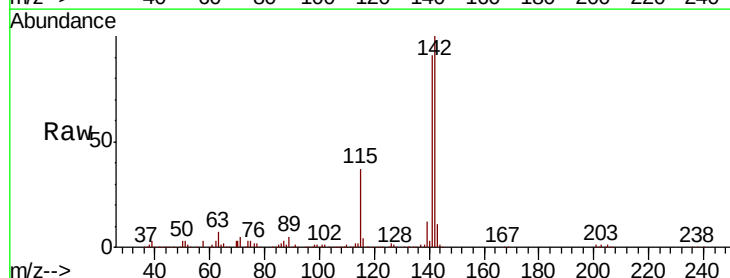
Tgt Ion:142 Resp: 838719

Ion Ratio Lower Upper

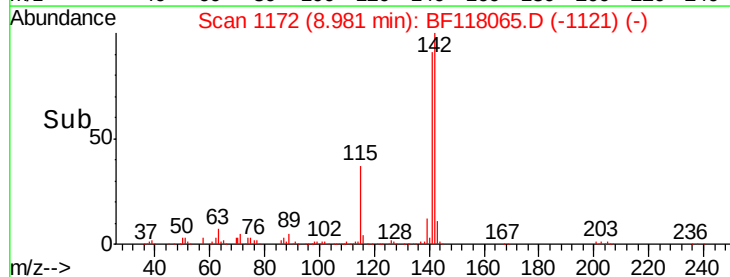
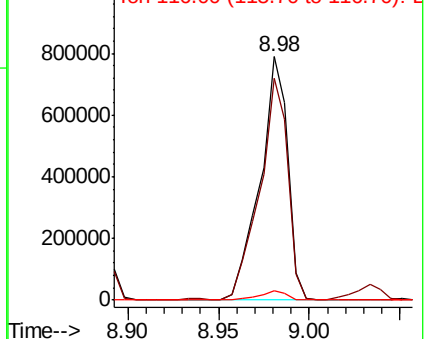
142 100

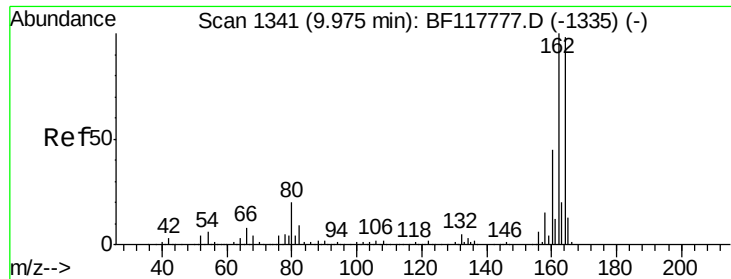
141 91.2 73.6 110.4

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

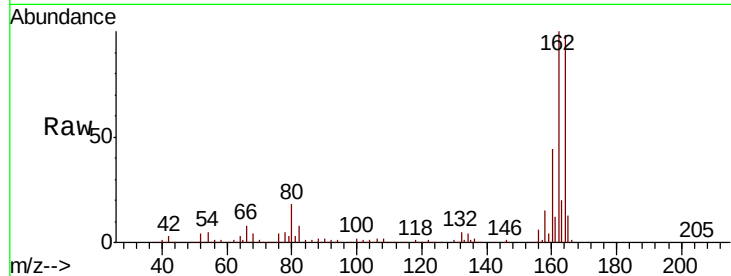




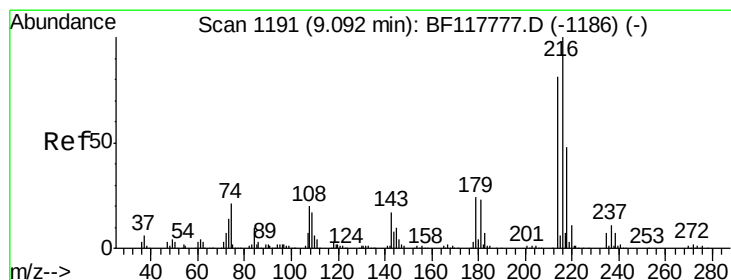
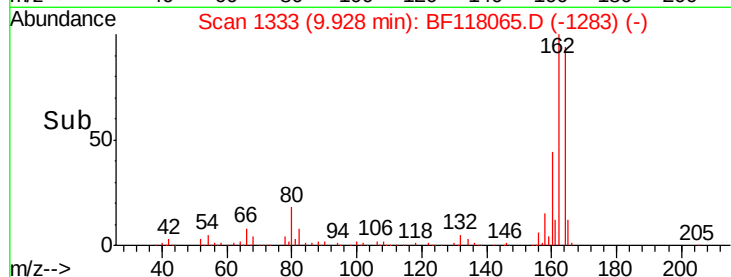
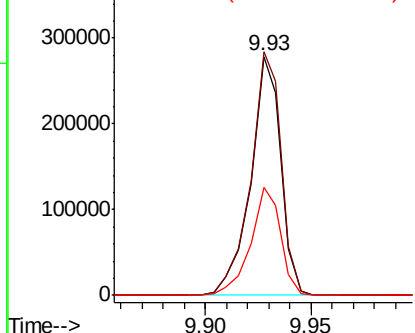
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 276031
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.8
 160 45.3 35.9 53.9

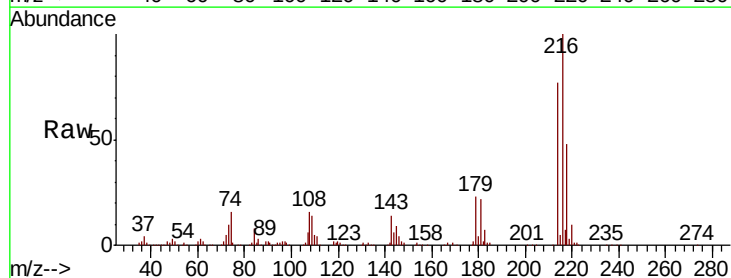


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

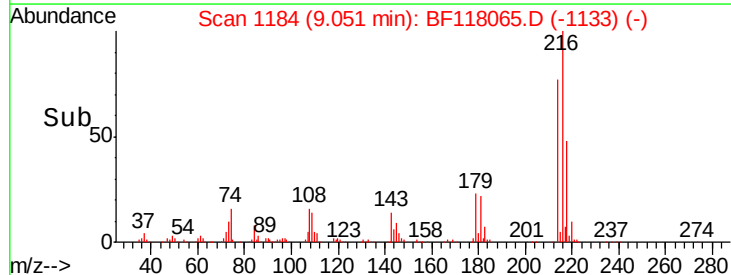
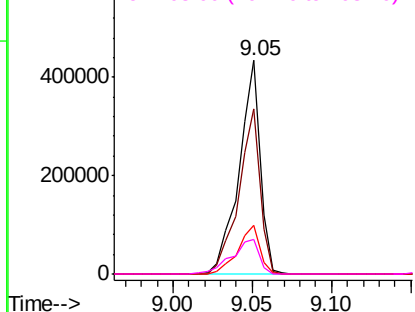


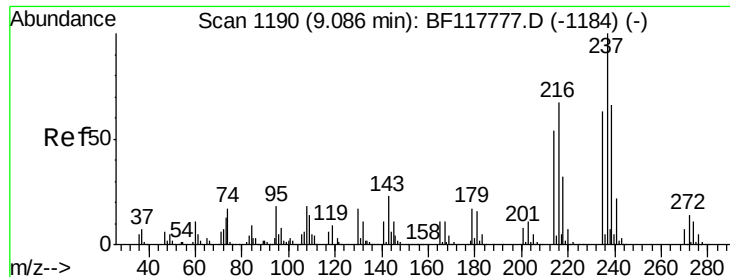
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.894 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion:216 Resp: 399965
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.0 94.4
 179 23.3 18.5 27.7
 108 20.9 15.4 23.2



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

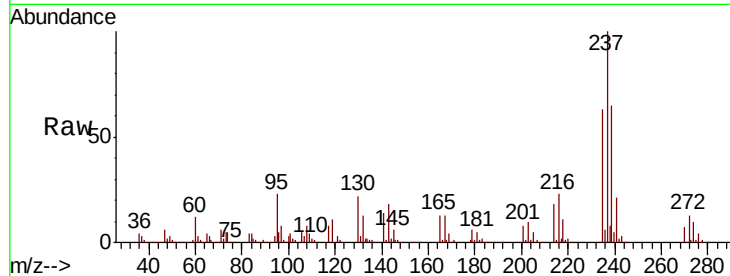




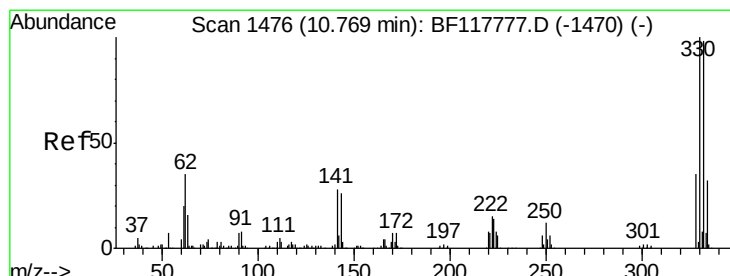
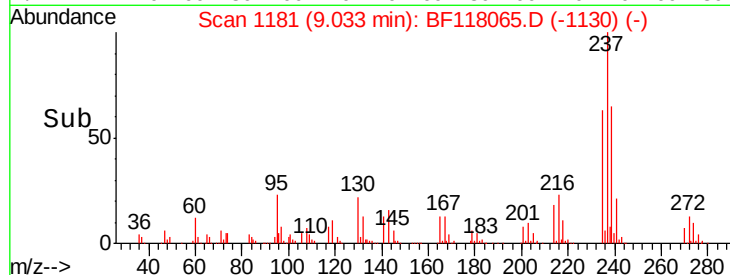
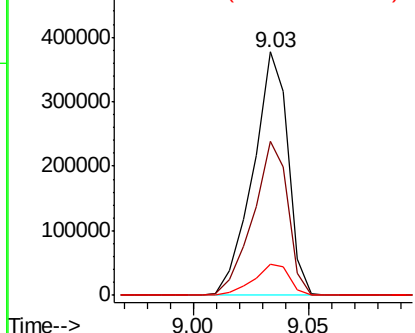
#41
Hexachlorocyclopentadiene
Concen: 88.702 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 398474
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 13.1 0.0 32.7

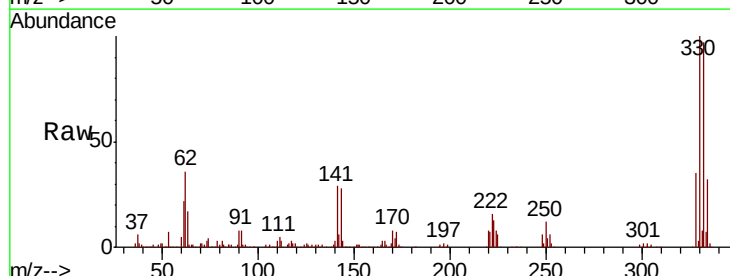


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

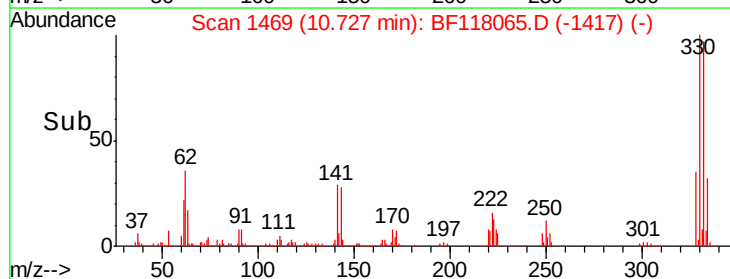
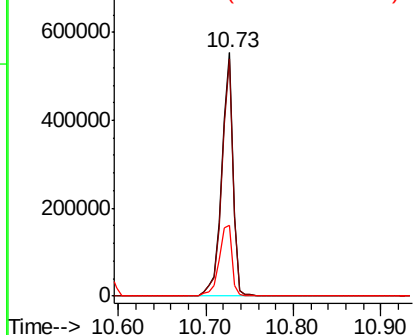


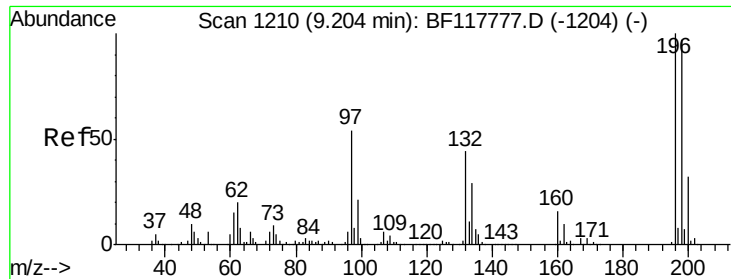
#42
2,4,6-Tribromophenol
Concen: 171.346 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:330 Resp: 500725
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 33.4 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

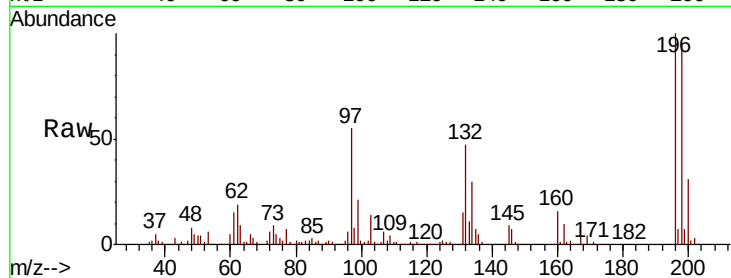




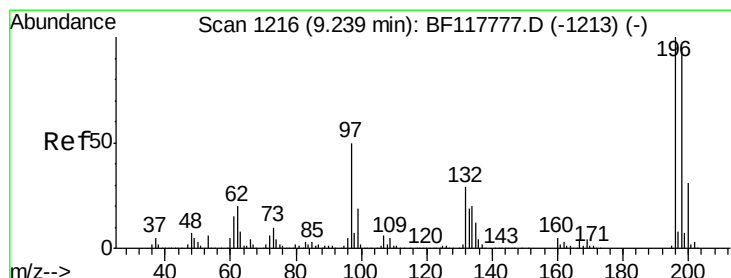
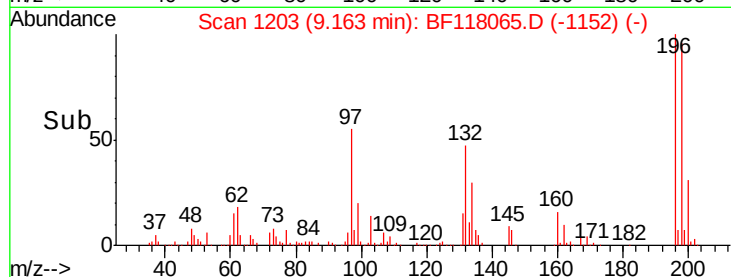
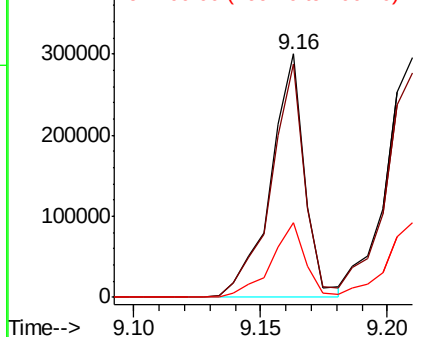
#43
2,4,6-Trichlorophenol
Concen: 49.291 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 283013
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
200 30.7 24.2 36.4

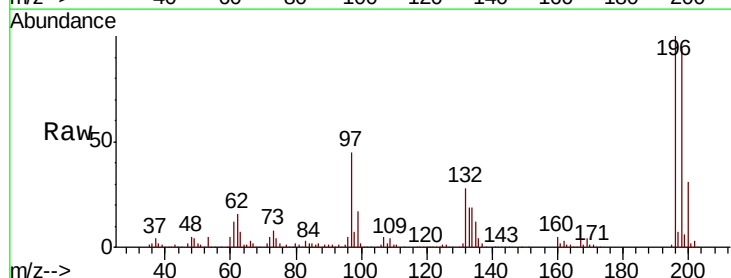


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

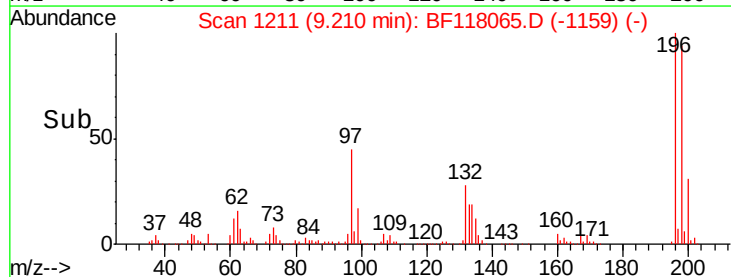
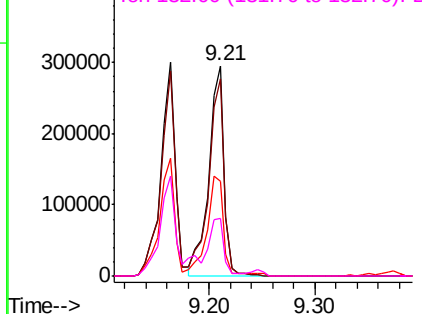


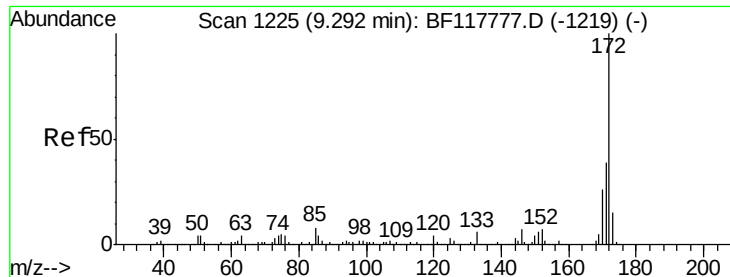
#44
2,4,5-Trichlorophenol
Concen: 50.687 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:196 Resp: 302166
Ion Ratio Lower Upper
196 100
198 93.8 78.1 117.1
97 45.4 37.4 56.2
132 27.6 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

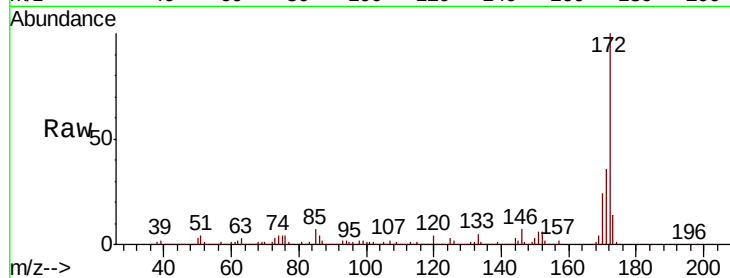




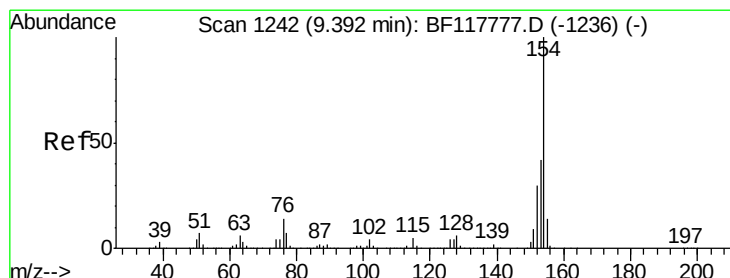
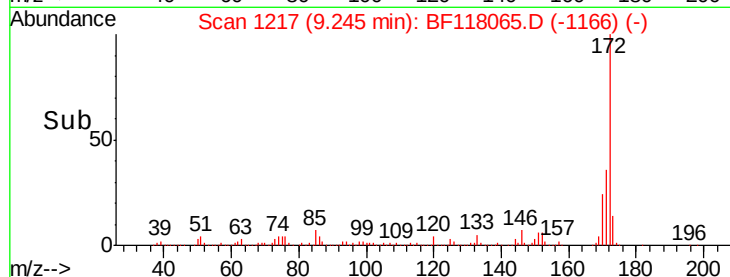
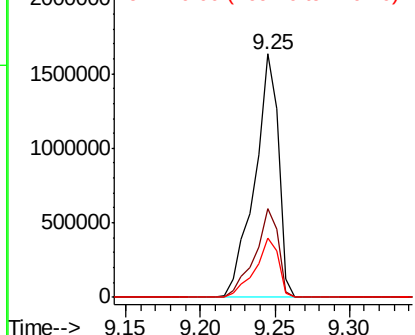
#45
2-Fluorobiphenyl
Concen: 116.271 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1788957
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.4 19.3 28.9

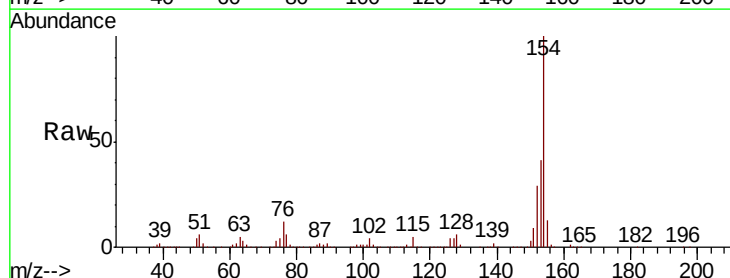


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

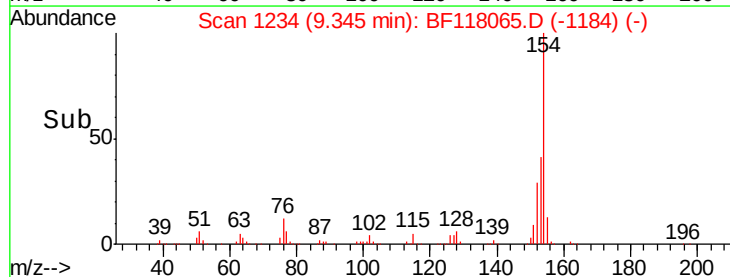
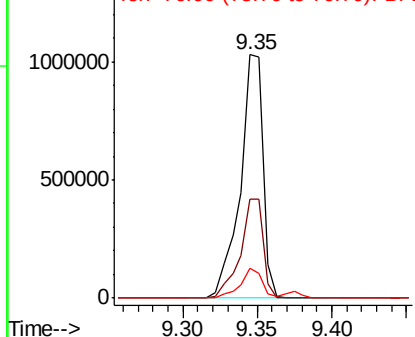


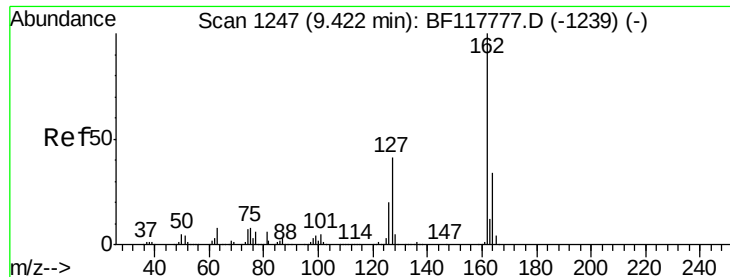
#46
1,1'-Biphenyl
Concen: 53.191 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:154 Resp: 1089298
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 12.2 0.0 30.8



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

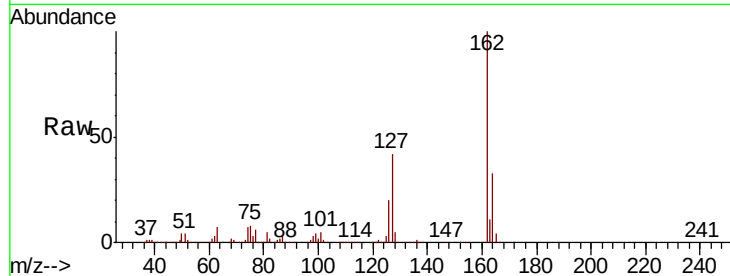




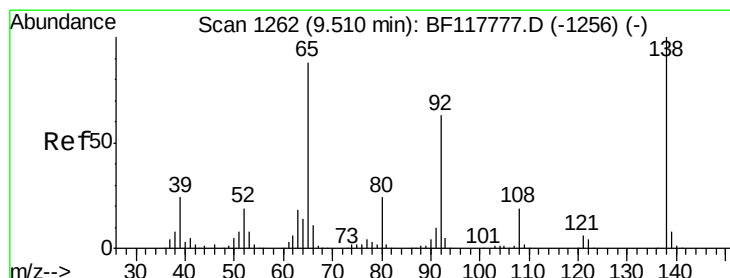
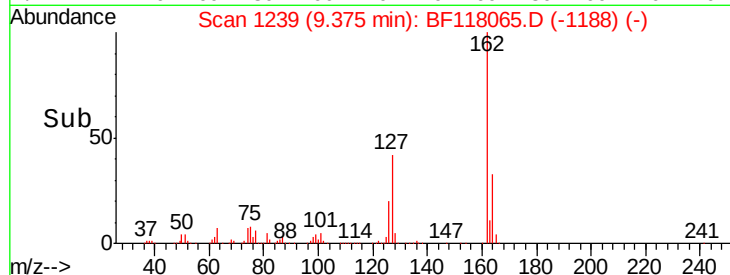
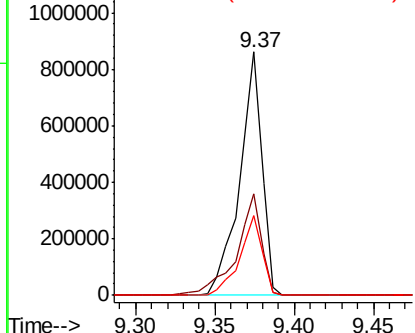
#47
 2-Chloronaphthalene
 Concen: 49.840 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.6	52.0
164	32.6	26.0	39.0

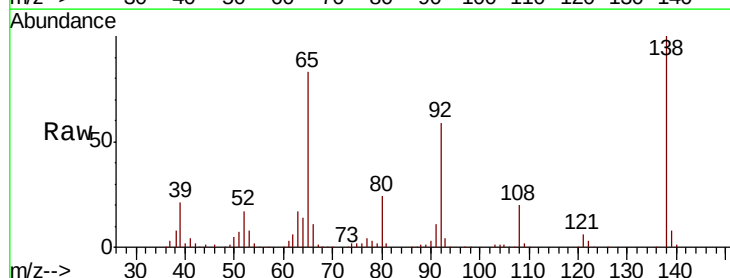


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

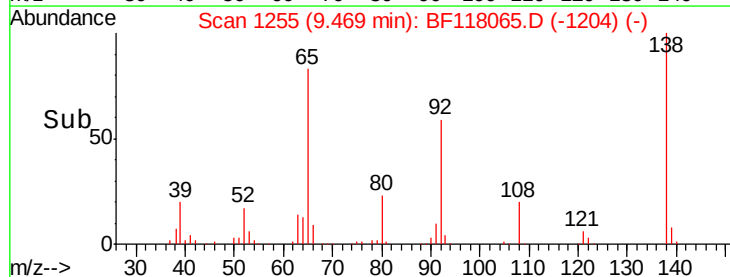
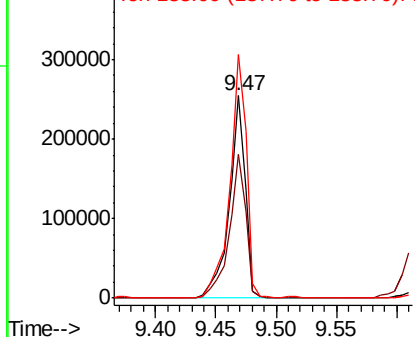


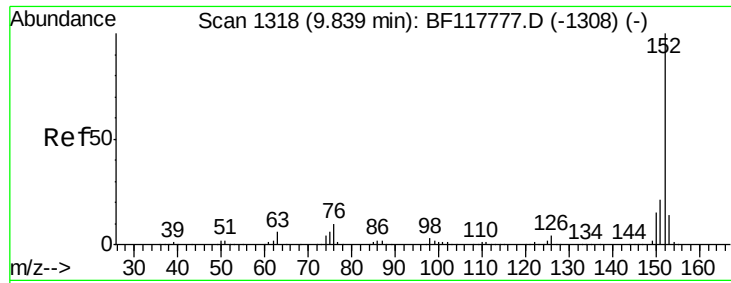
#48
 2-Nitroaniline
 Concen: 46.334 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.9	86.9
138	120.3	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: 53.871 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

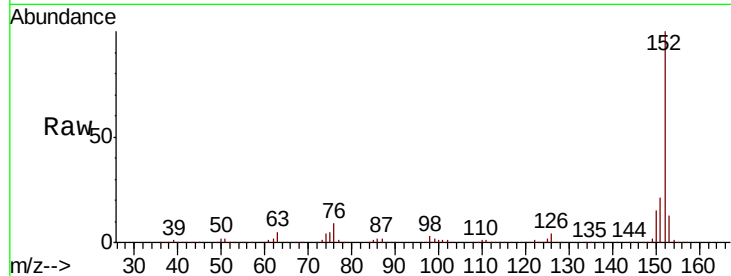
Tot Ion:152 Resp: 1323183

Ion Ratio Lower Upper

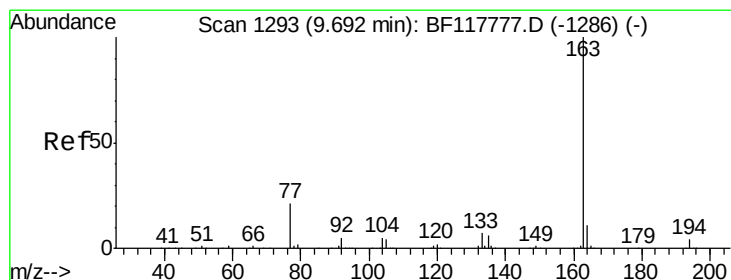
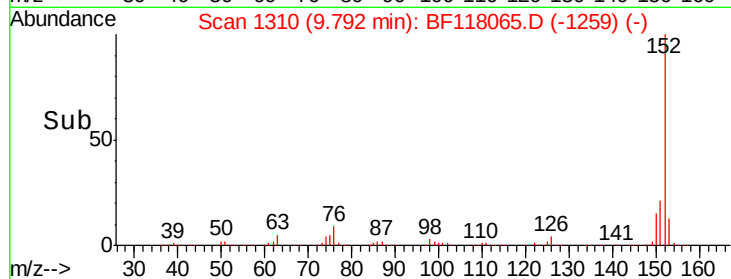
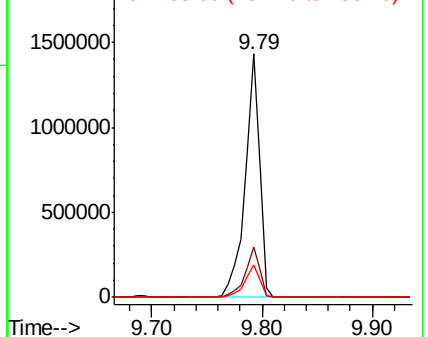
152 100

151 20.8 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: 50.523 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

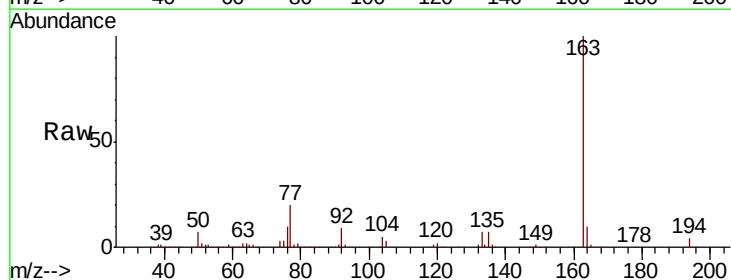
Tgt Ion:163 Resp: 977953

Ion Ratio Lower Upper

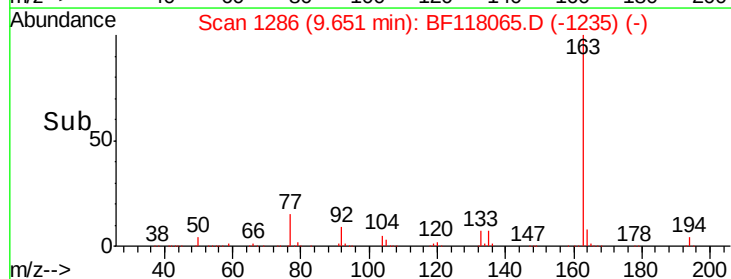
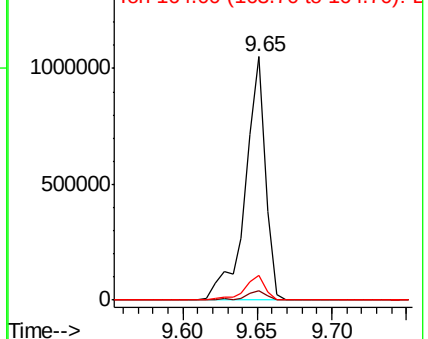
163 100

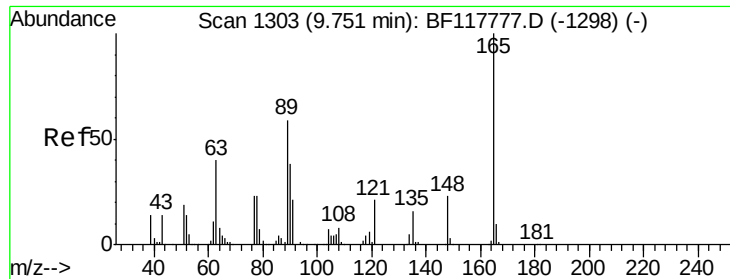
194 4.0 3.1 4.7

164 10.4 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

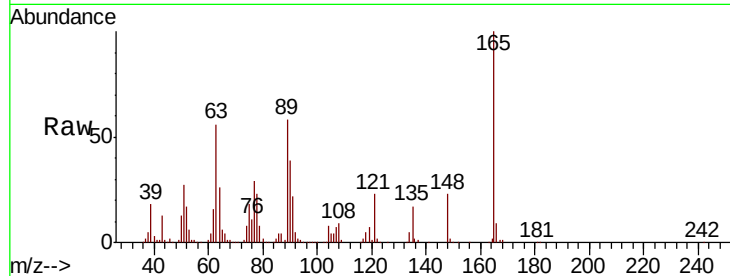




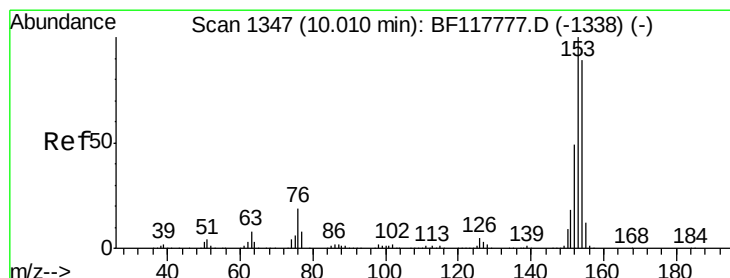
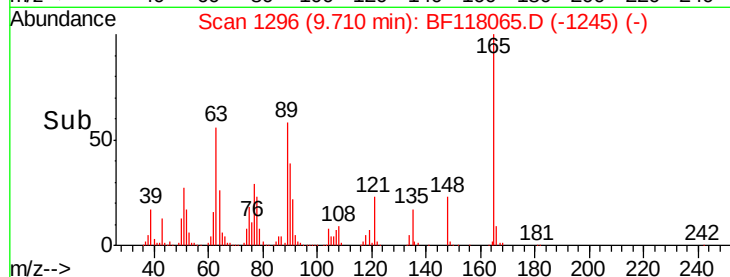
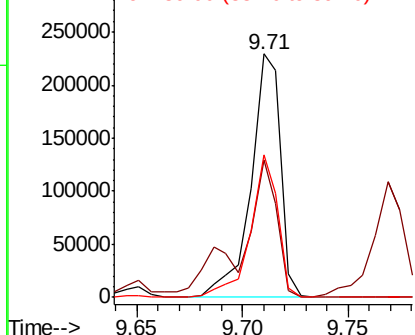
#51
 2,6-Dinitrotoluene
 Concen: 53.073 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 224520
 Ion Ratio Lower Upper
 165 100
 63 56.2 43.9 65.9
 89 58.3 45.5 68.3

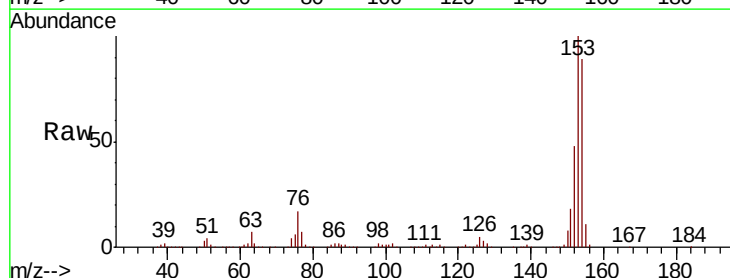


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

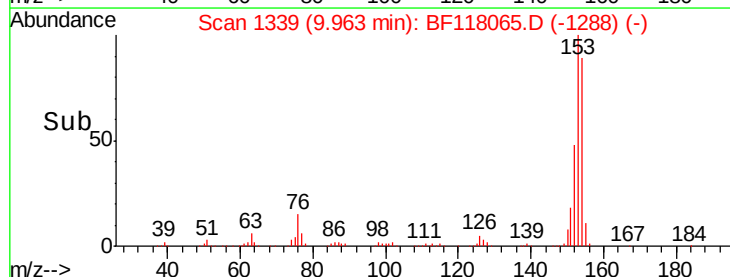
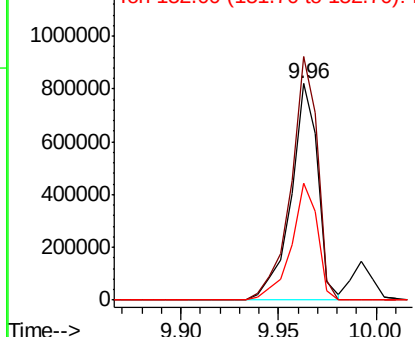


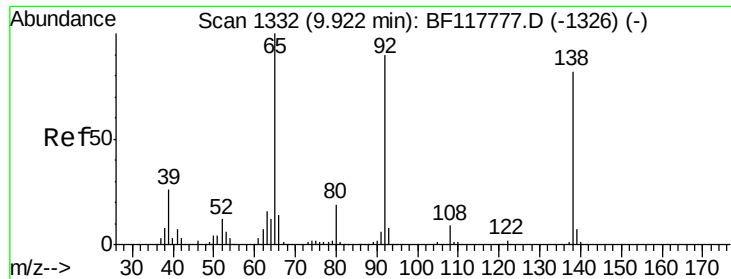
#52
 Acenaphthene
 Concen: 49.624 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion:154 Resp: 780814
 Ion Ratio Lower Upper
 154 100
 153 112.4 91.2 136.8
 152 53.7 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

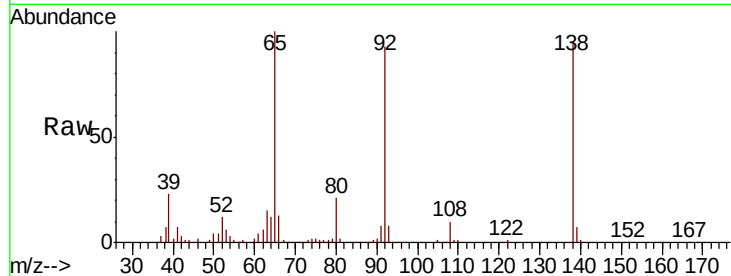




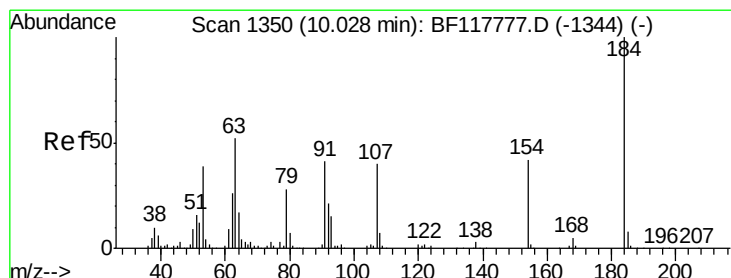
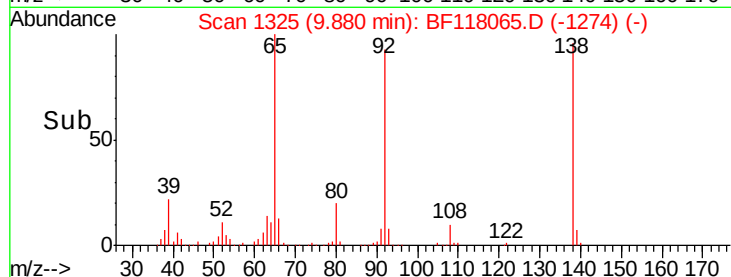
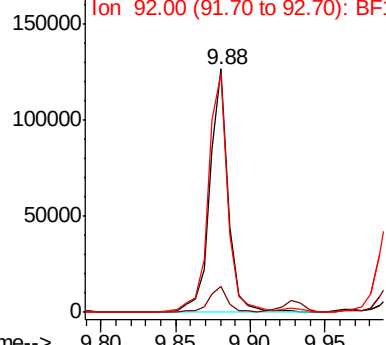
#53
3-Nitroaniline
Concen: 21.519 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 108931
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 98.2 87.4 131.0

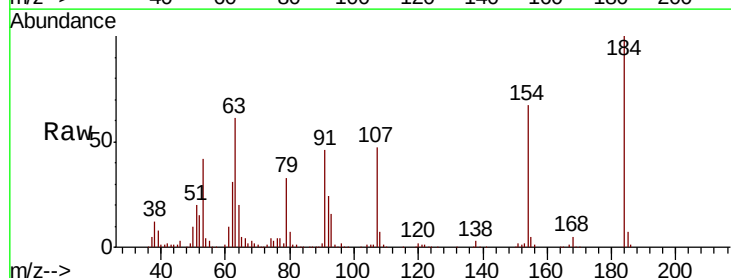


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

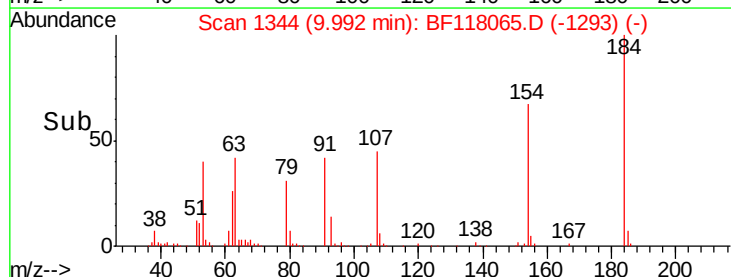
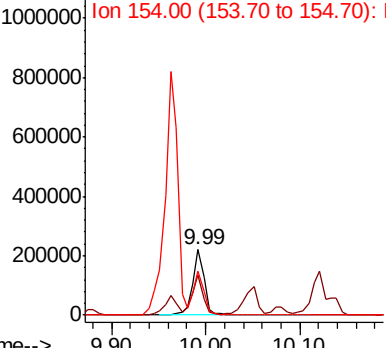


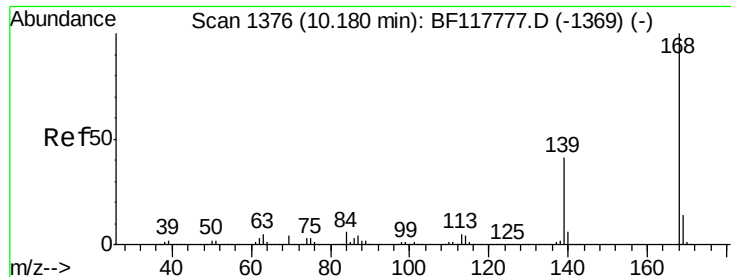
#54
2,4-Dinitrophenol
Concen: 88.309 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:184 Resp: 193746
Ion Ratio Lower Upper
184 100
63 60.9 45.3 67.9
154 66.9 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

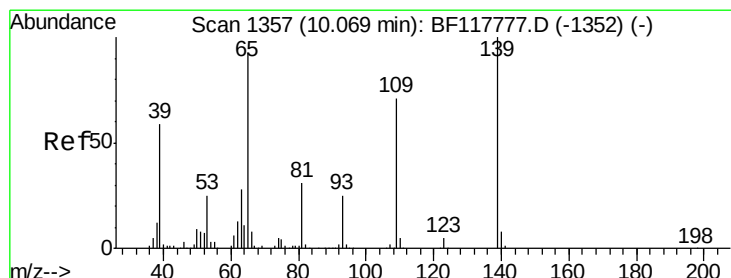
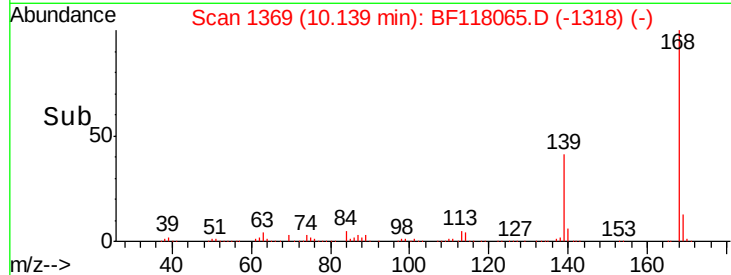
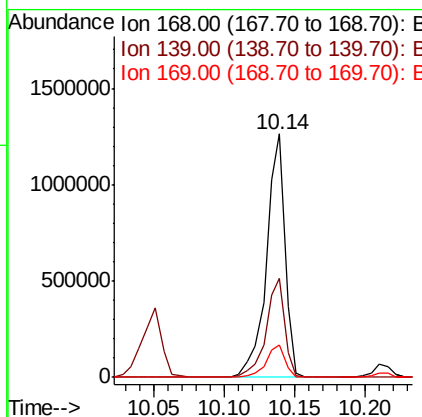
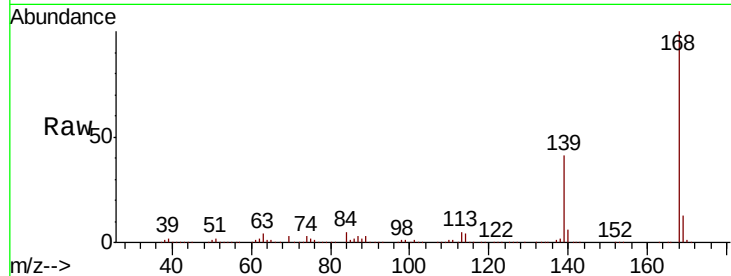




#55
Dibenzenofuran
Concen: 53.798 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

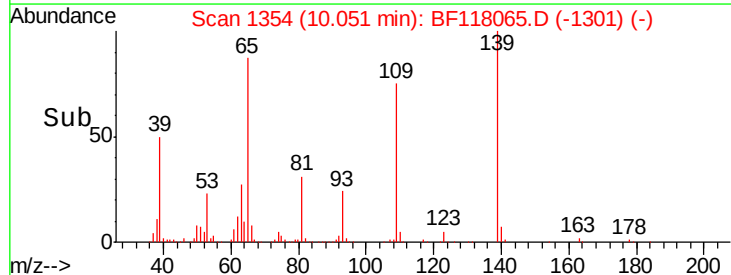
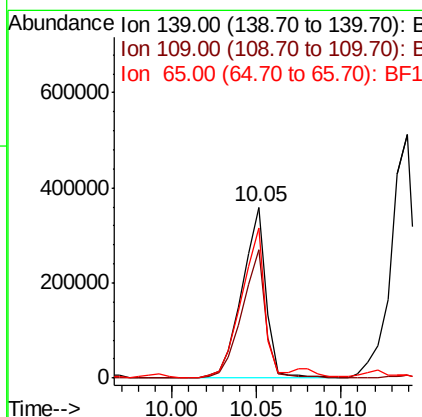
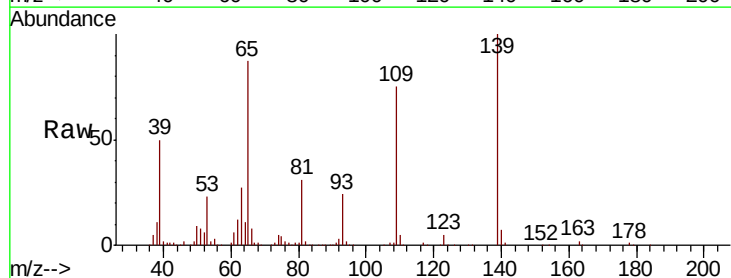
Instrument :
BNA_F
ClientSampleId :

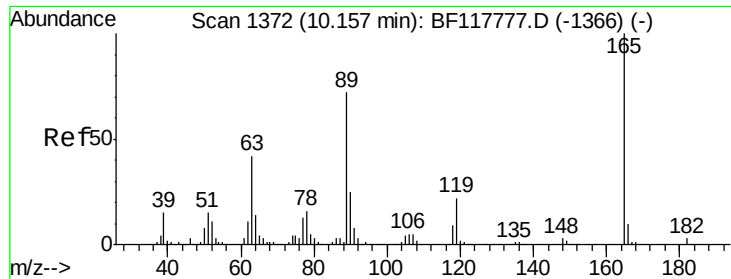
Tot Ion:168 Resp: 1172169
Ion Ratio Lower Upper
168 100
139 40.5 32.5 48.7
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 95.141 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:139 Resp: 359486
Ion Ratio Lower Upper
139 100
109 74.7 55.2 95.2
65 87.4 68.7 108.7

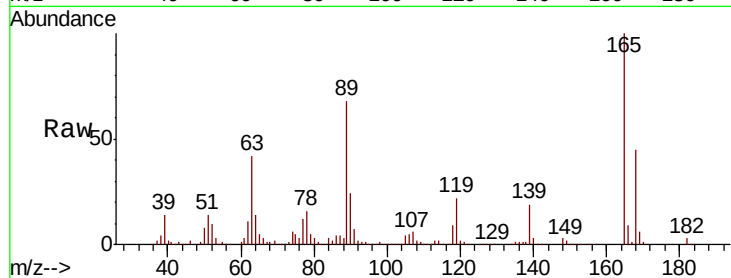




#57
2,4-Dinitrotoluene
Concen: 56.111 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	26.5	39.7
89	68.3	47.2	70.8
182	2.7	2.3	3.5



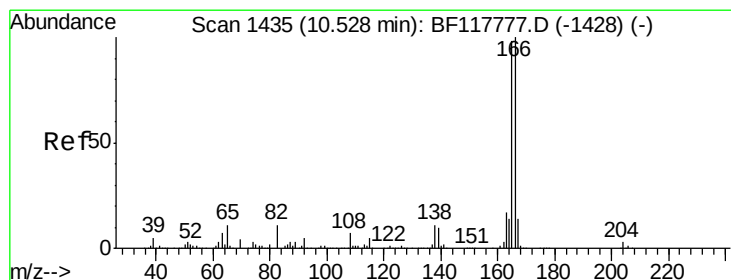
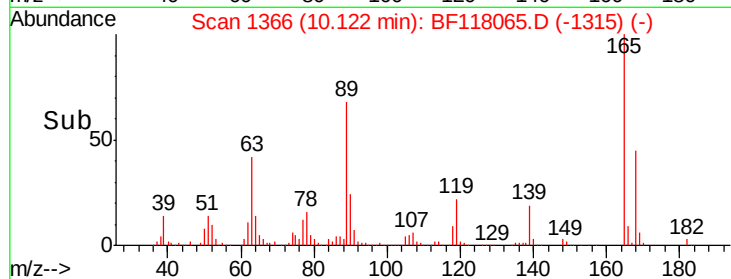
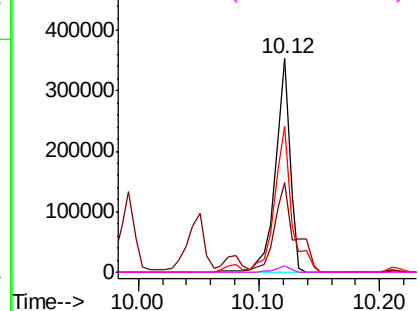
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

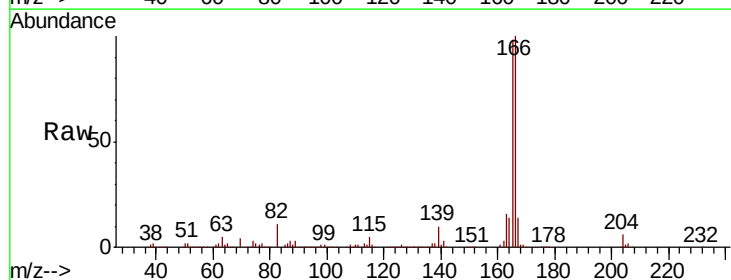
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.539 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.4	116.2
167	13.6	10.7	16.1

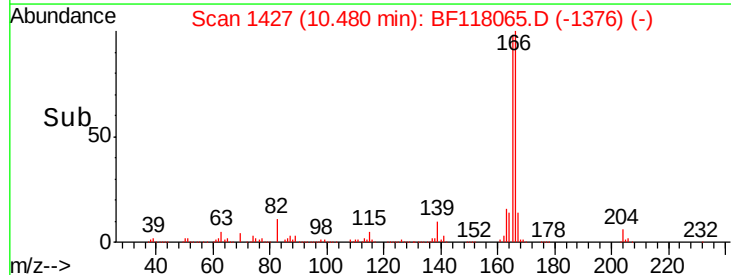
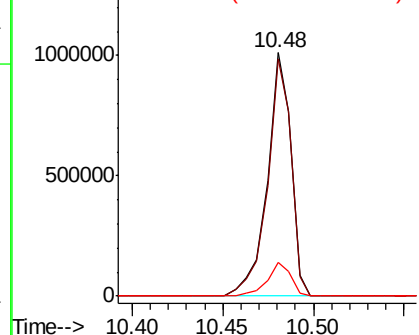


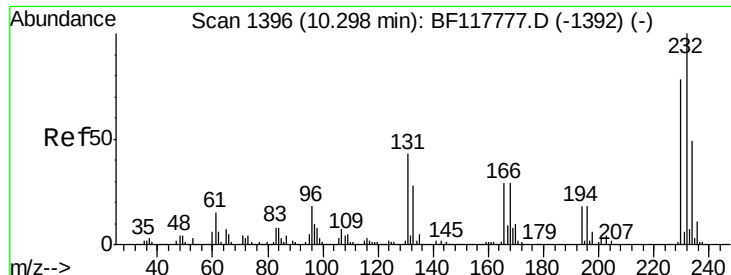
Abundance

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

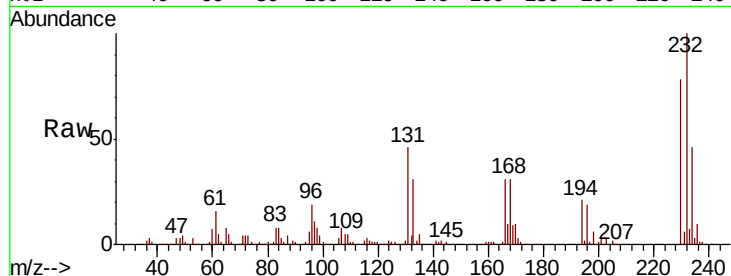




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.003 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	38.8	58.2
130	2.5	1.9	2.9
166	32.1	25.9	38.9



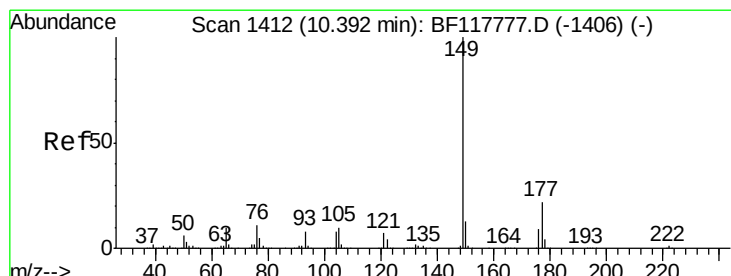
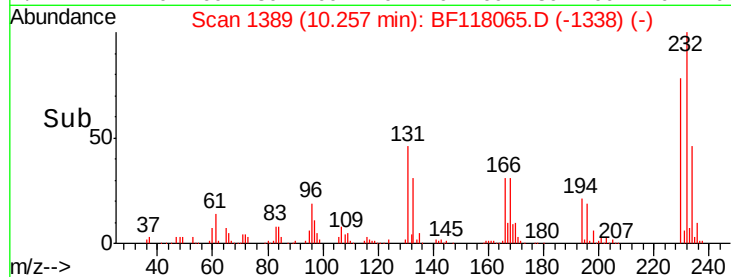
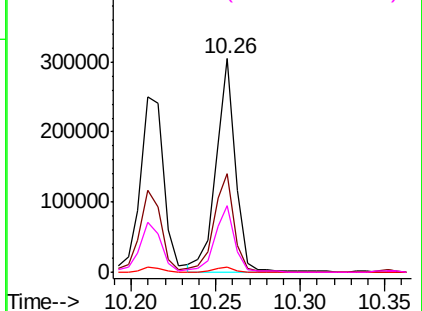
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

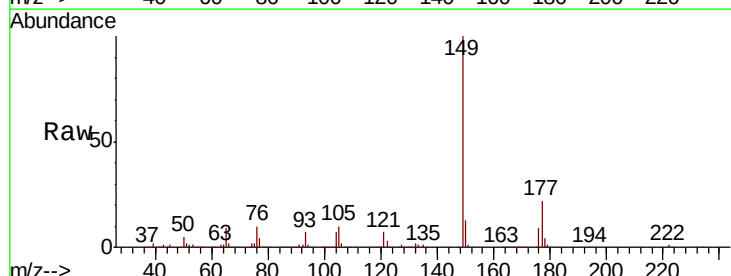
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.776 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.9	9.8	14.8

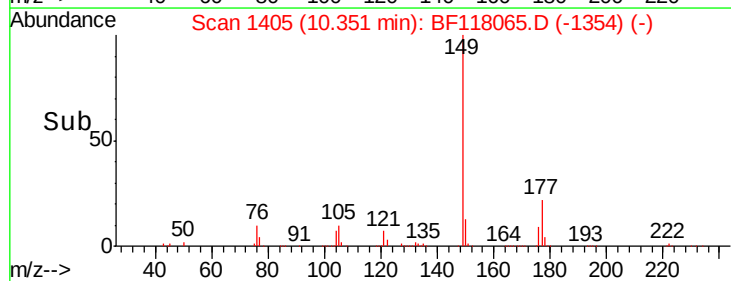
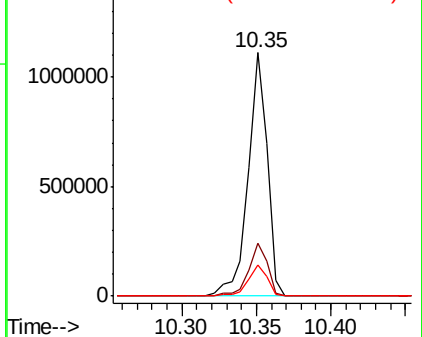


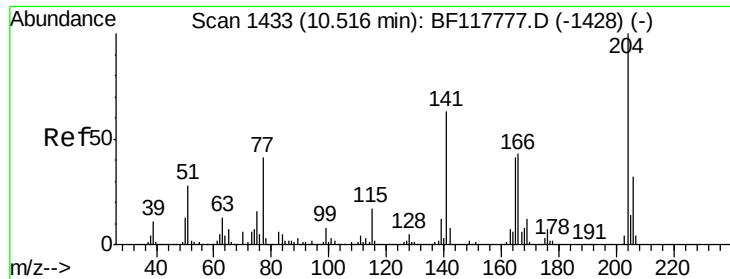
Abundance

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

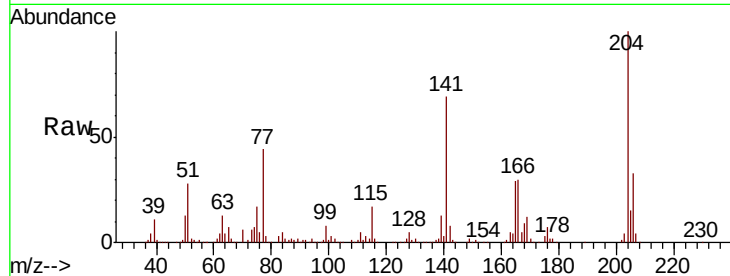




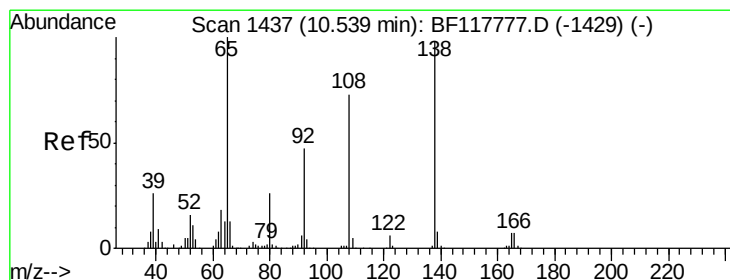
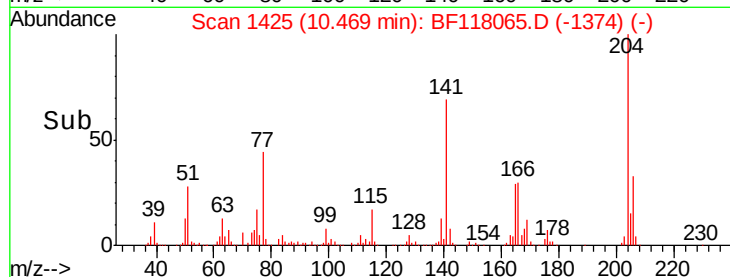
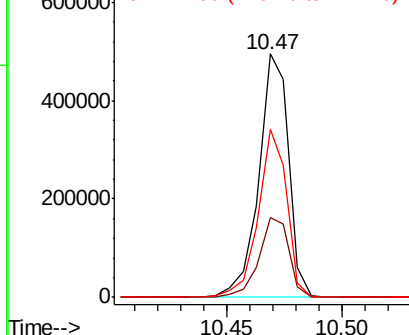
#61
4-Chlorophenyl-phenylether
Concen: 52.052 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 446013
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 69.1 55.1 82.7

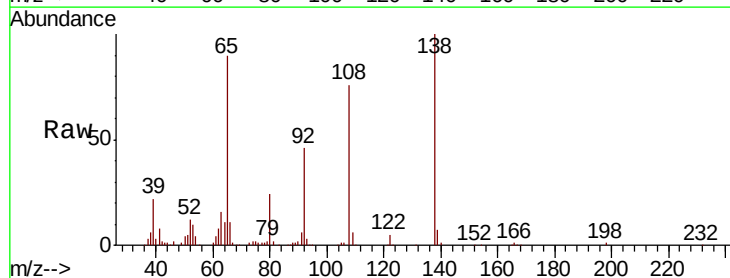


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

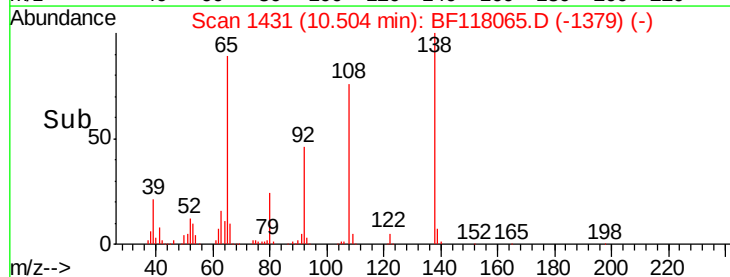
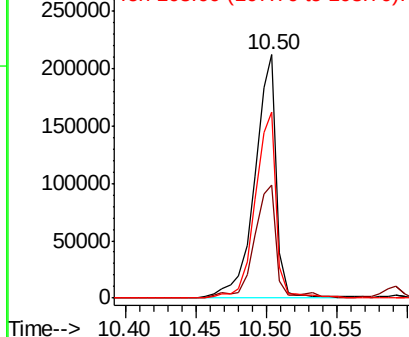


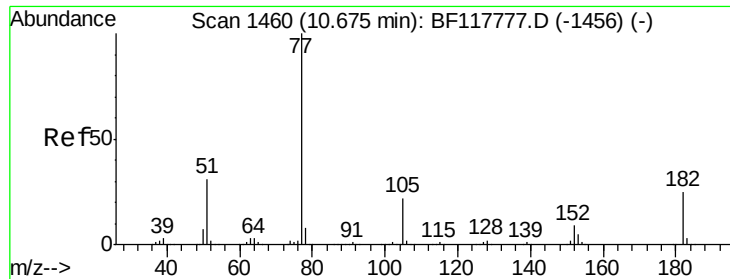
#62
4-Nitroaniline
Concen: 45.099 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:138 Resp: 228580
Ion Ratio Lower Upper
138 100
92 46.2 27.5 67.5
108 76.3 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: 50.113 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 860359

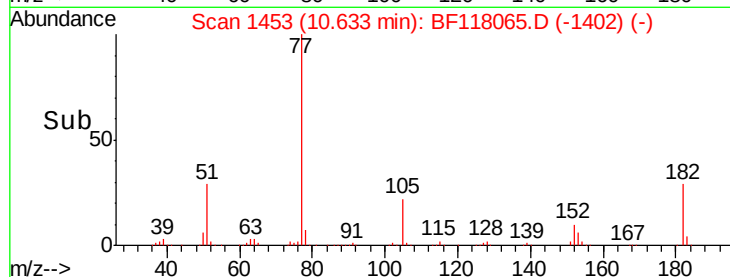
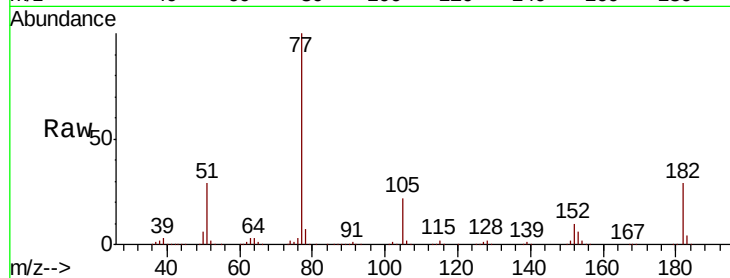
Ion Ratio Lower Upper

77 100

182 28.5 8.2 48.2

105 22.4 2.1 42.1

51 28.8 8.7 48.7

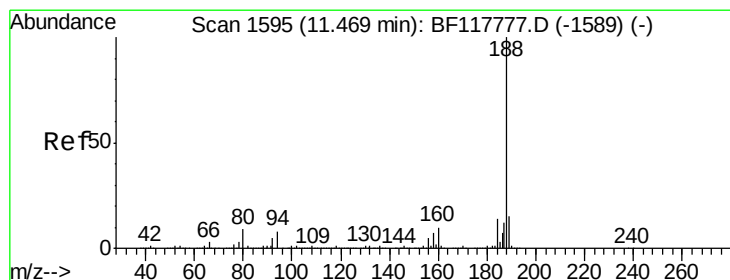
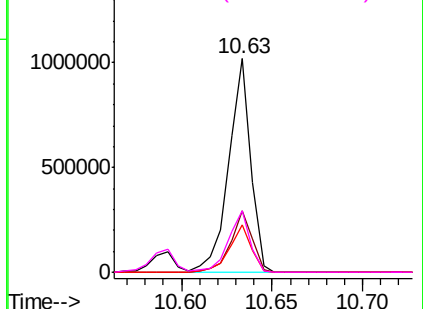


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118065.D

Acq: 3 Dec 2019 16:37

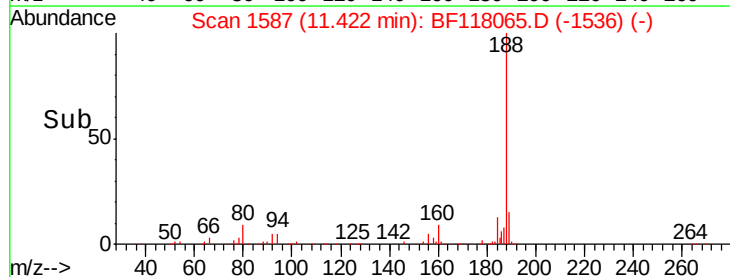
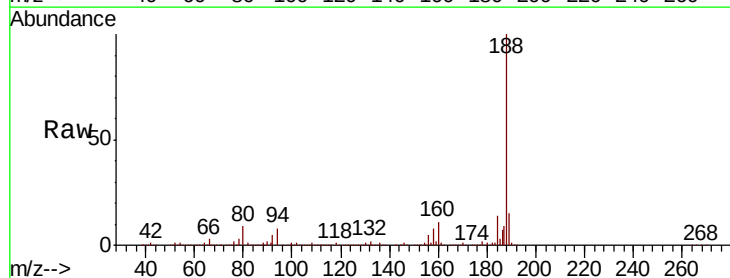
Tgt Ion: 188 Resp: 520307

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

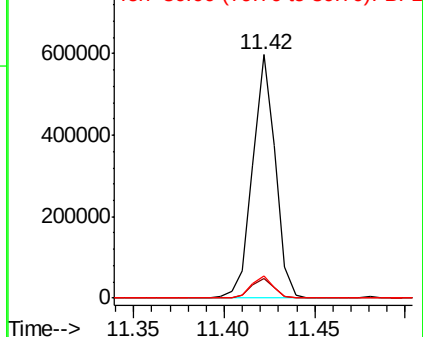
80 9.0 7.2 10.8

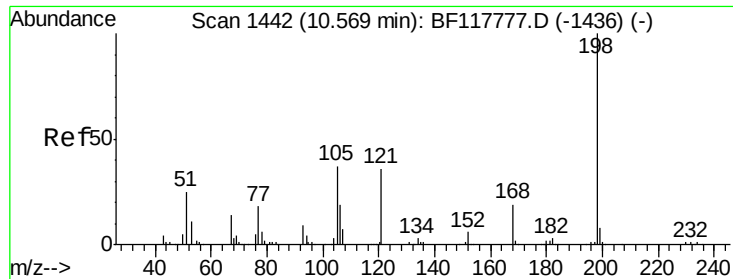


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

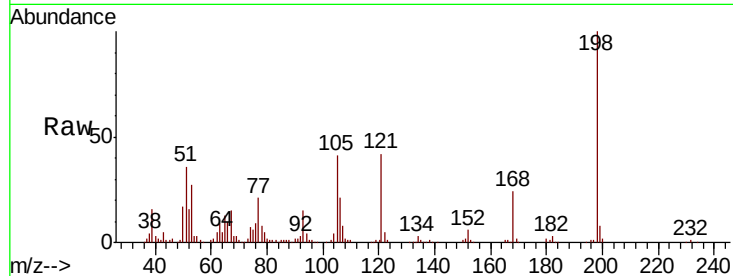




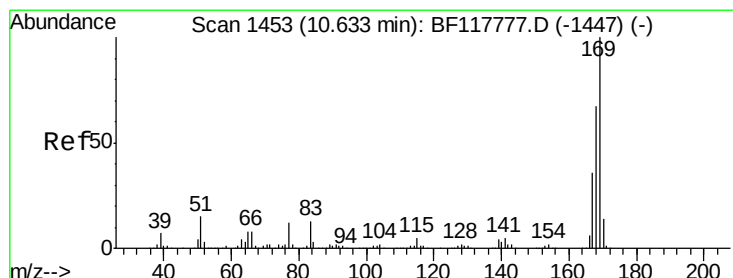
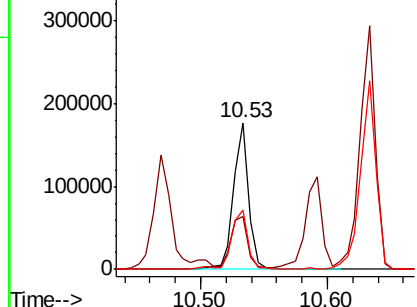
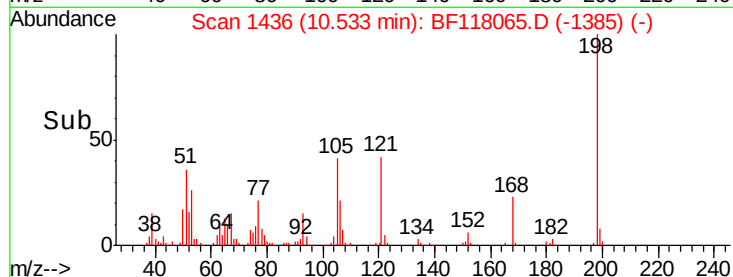
#65
4,6-Dinitro-2-methylphenol
Concen: 59.189 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 143769
Ion Ratio Lower Upper
198 100
51 35.9 12.6 52.6
105 40.5 17.0 57.0

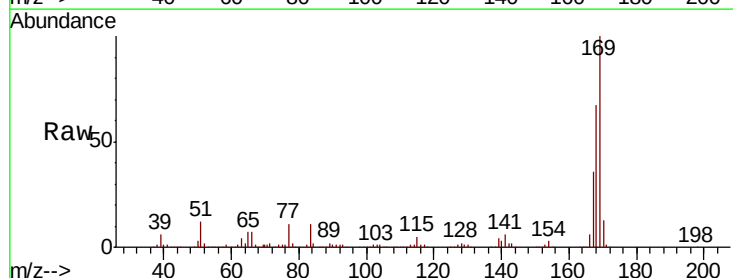


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

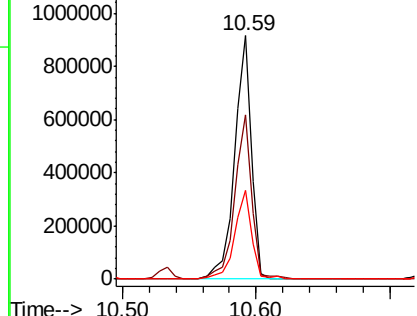
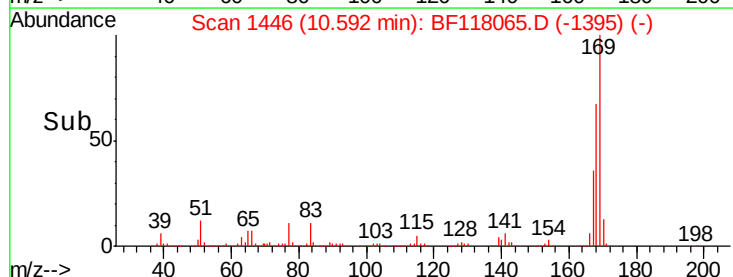


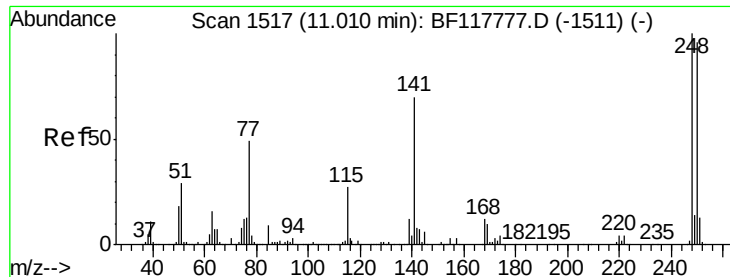
#66
n-Nitrosodiphenylamine
Concen: 53.900 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:169 Resp: 816176
Ion Ratio Lower Upper
169 100
168 67.2 52.5 78.7
167 36.4 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

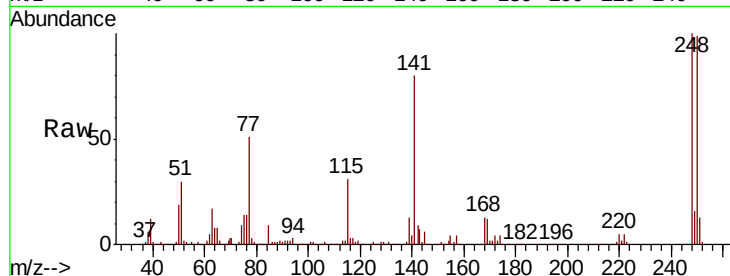




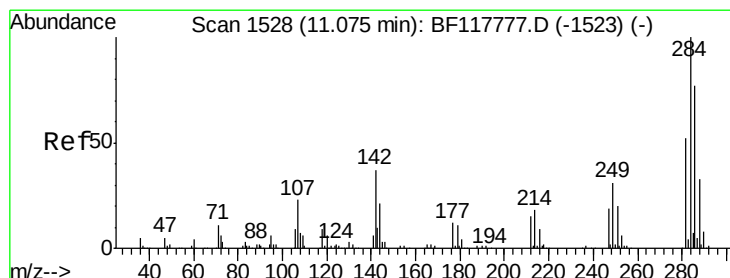
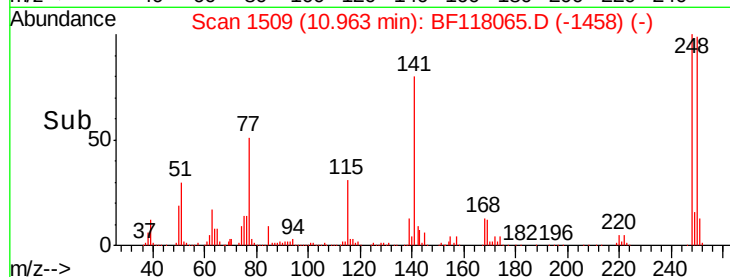
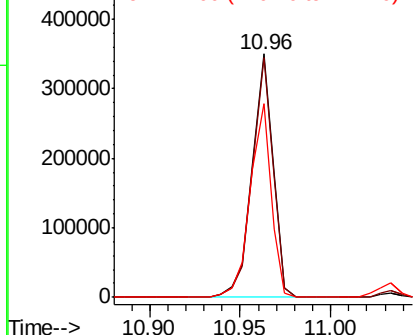
#67
4-Bromophenyl-phenylether
Concen: 50.342 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 282620
Ion Ratio Lower Upper
248 100
250 98.6 78.0 117.0
141 79.7 64.0 96.0

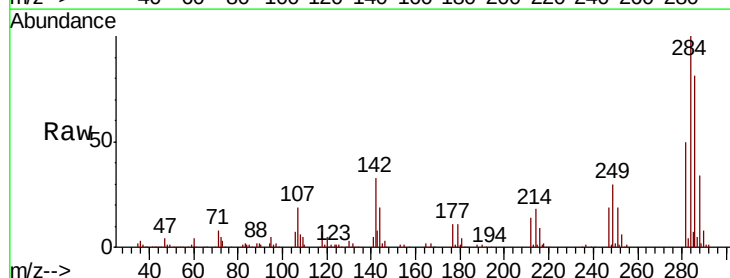


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

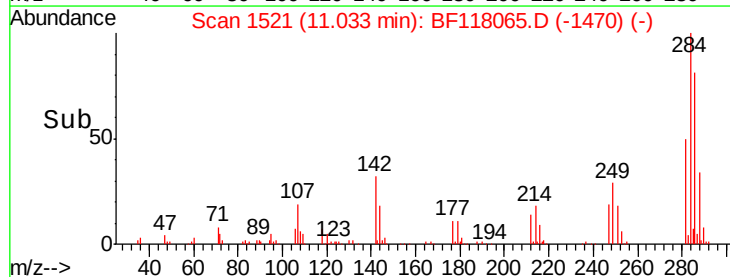
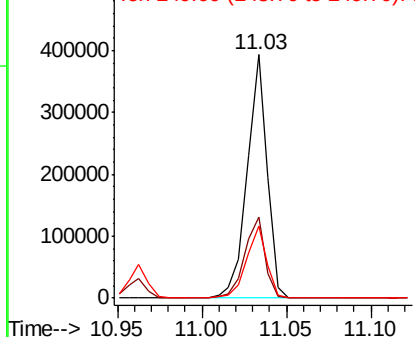


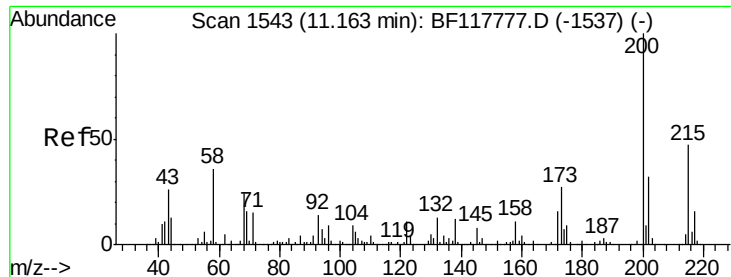
#68
Hexachlorobenzene
Concen: 49.859 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:284 Resp: 326389
Ion Ratio Lower Upper
284 100
142 33.4 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

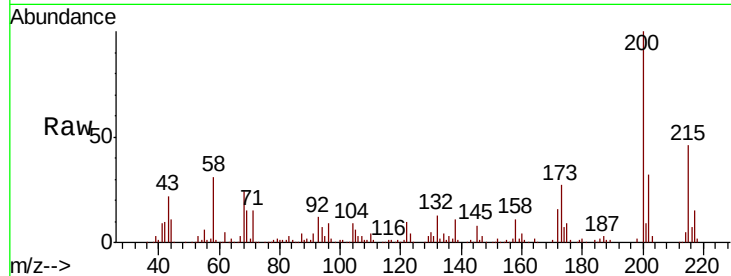




#69
Atrazine
Concen: 48.262 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.9	47.9
215	46.0	27.0	67.0

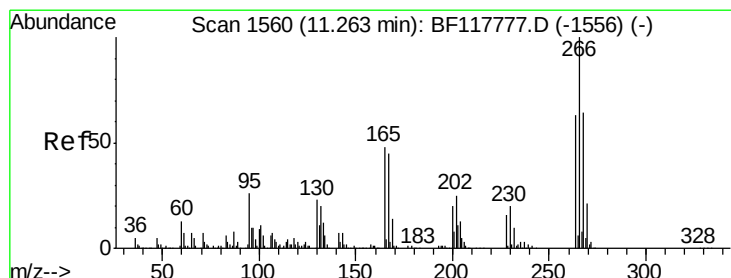
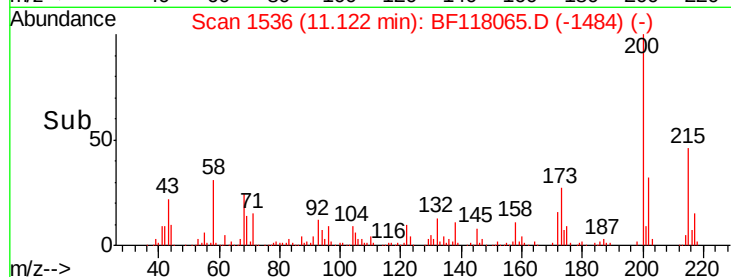
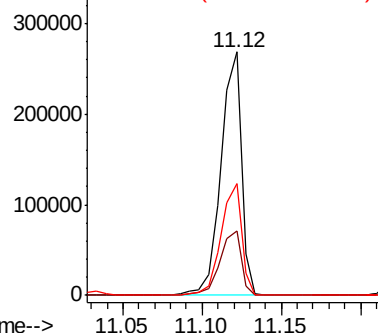


Abundance

Ion 200.00 (199.70 to 200.70): E

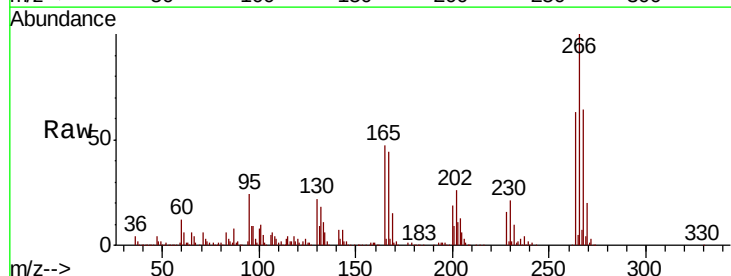
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.836 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.3	75.5
264	63.1	50.3	75.5

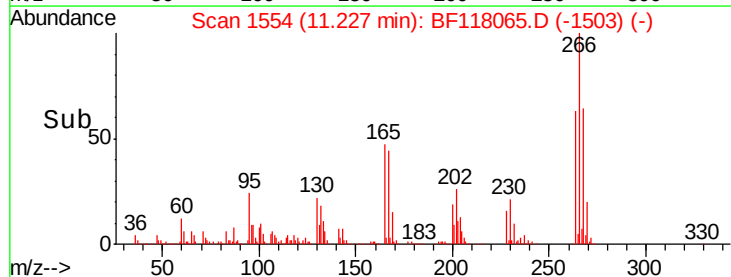
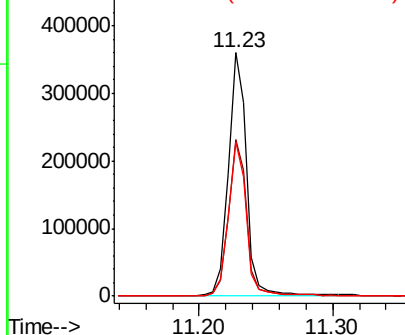


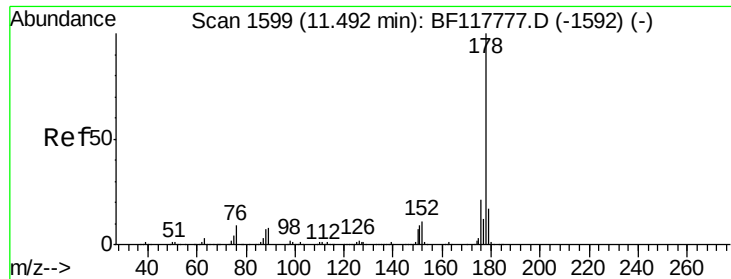
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

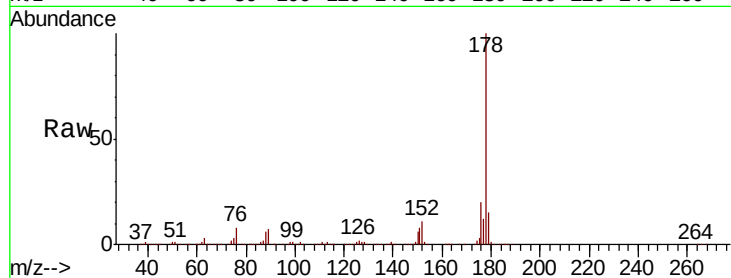




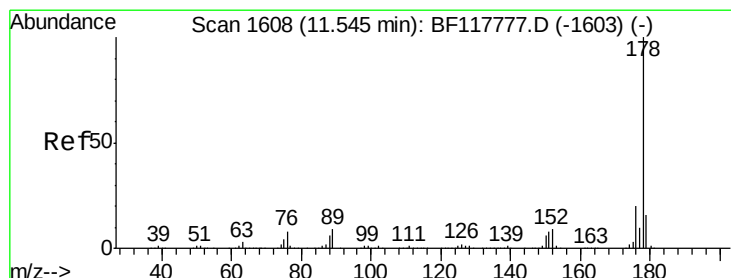
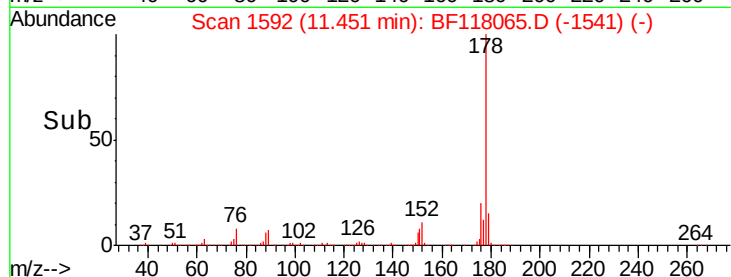
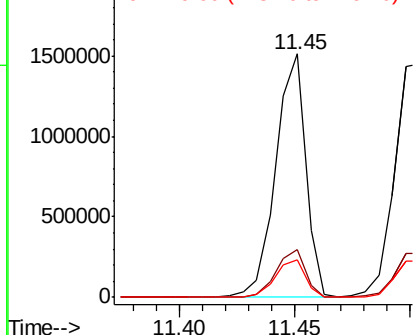
#71
Phenanthrene
Concen: 52.317 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1368578
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.4 12.3 18.5

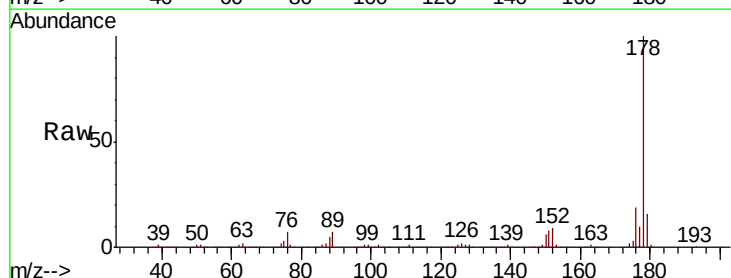


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

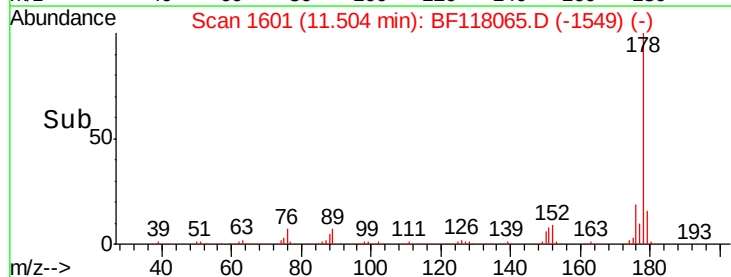
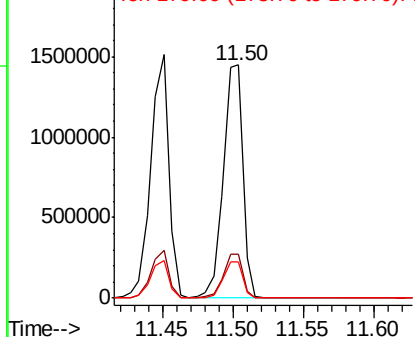


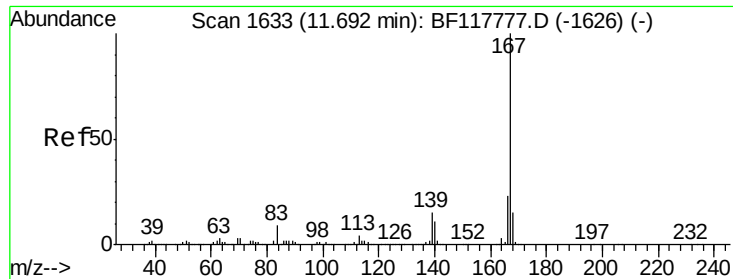
#72
Anthracene
Concen: 54.054 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:178 Resp: 1401971
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

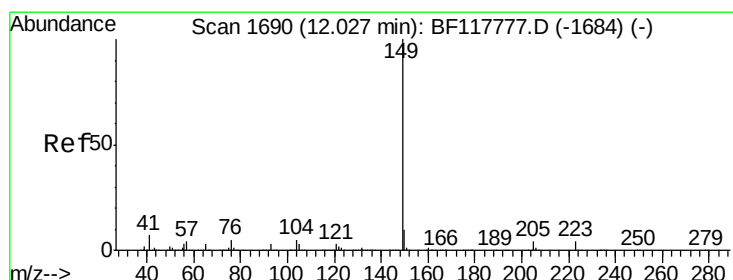
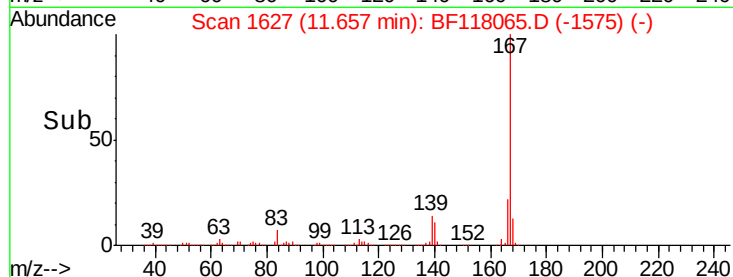
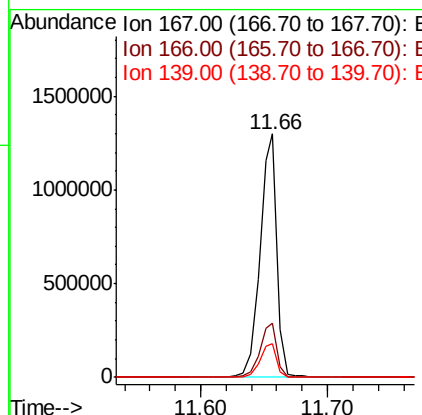
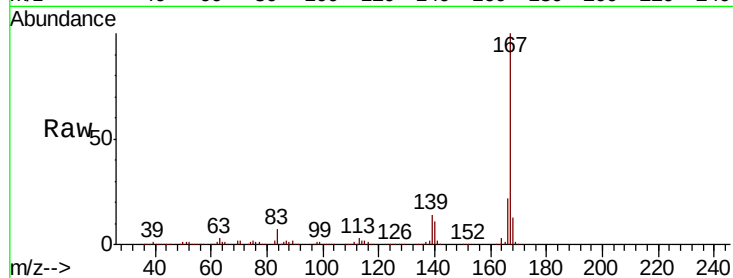




#73
 Carbazole
 Concen: 53.643 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

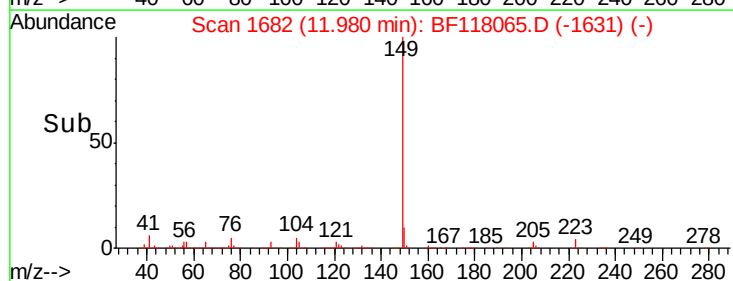
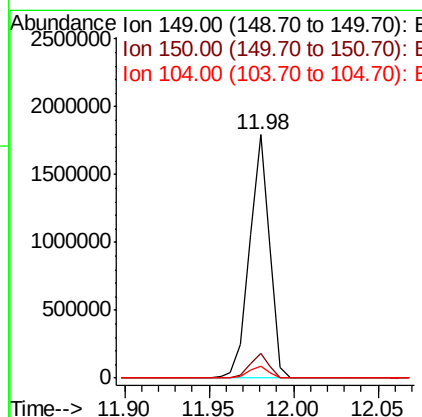
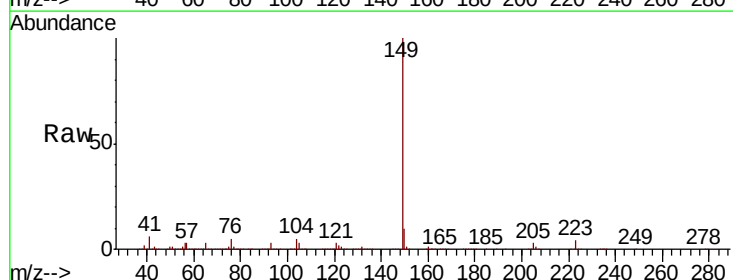
Instrument :
 BNA_F
 ClientSampleId :

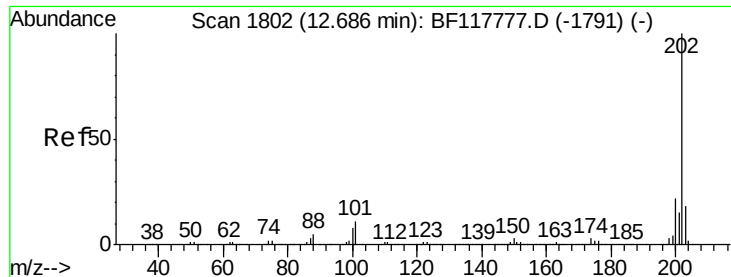
Tot Ion:167 Resp: 1215794
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 52.742 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion:149 Resp: 1488341
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.1 4.2 6.4

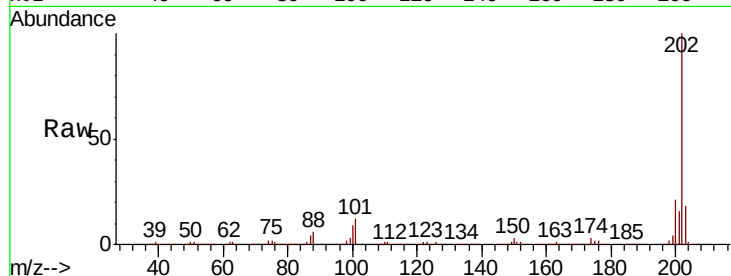




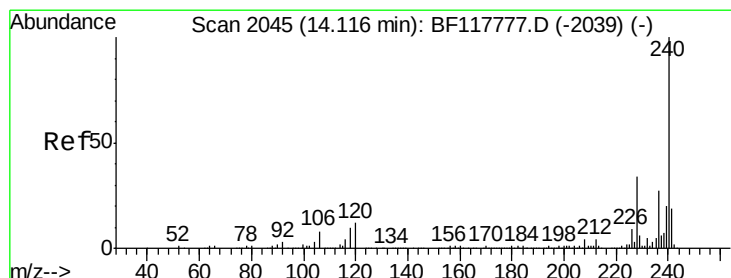
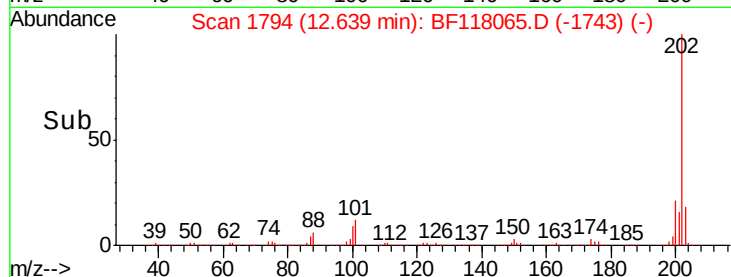
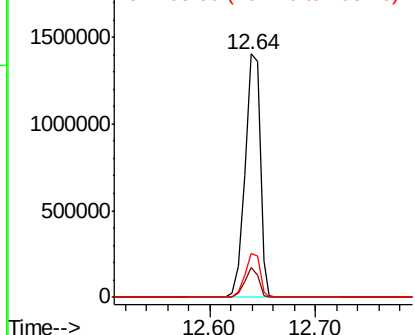
#75
 Fluoranthene
 Concen: 60.405 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1377583
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.5
 203 18.3 0.0 37.6

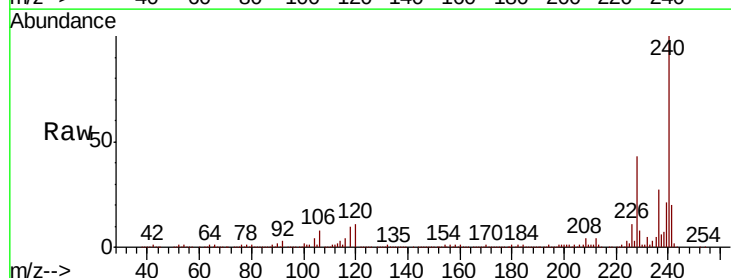


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

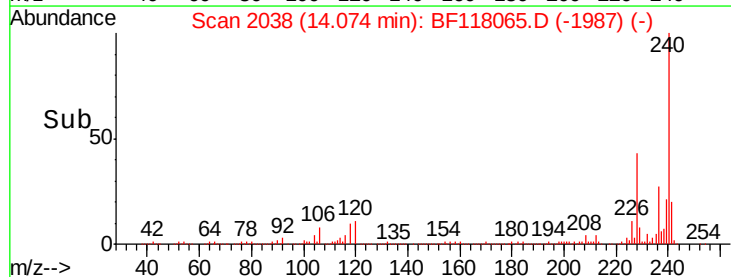
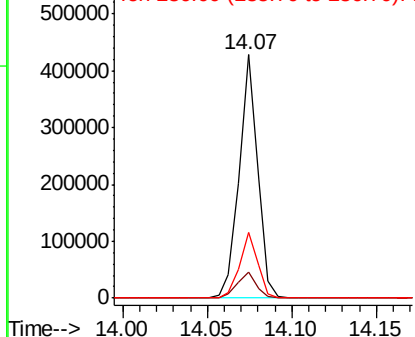


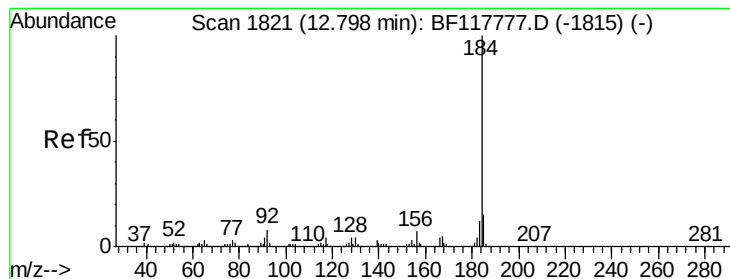
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118065.D
 Acq: 3 Dec 2019 16:37

Tgt Ion:240 Resp: 324609
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 26.9 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: 1.863 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

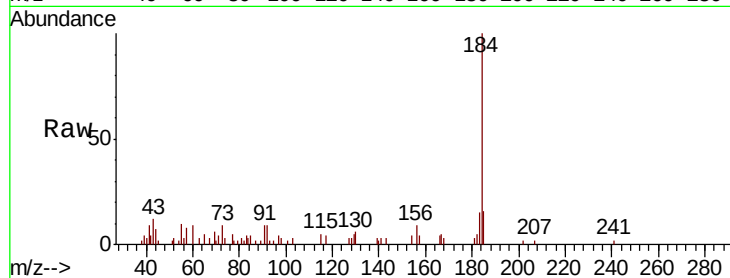
Tot Ion:184 Resp: 19804

Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

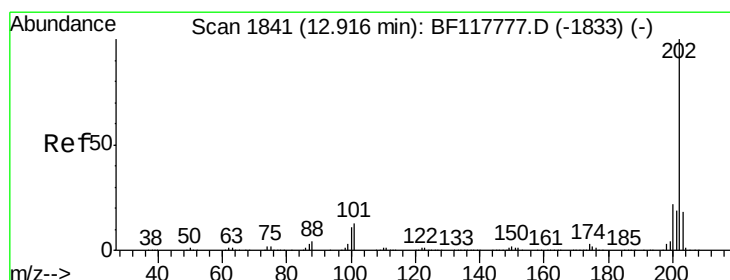
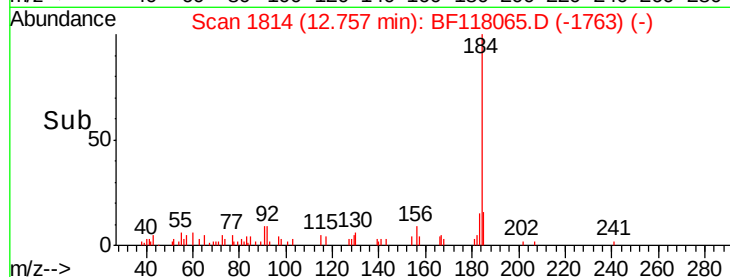
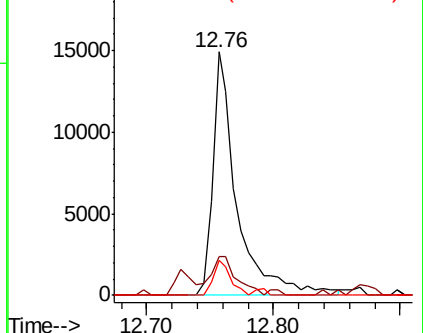
183 14.6 9.7 14.5#



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: 52.571 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

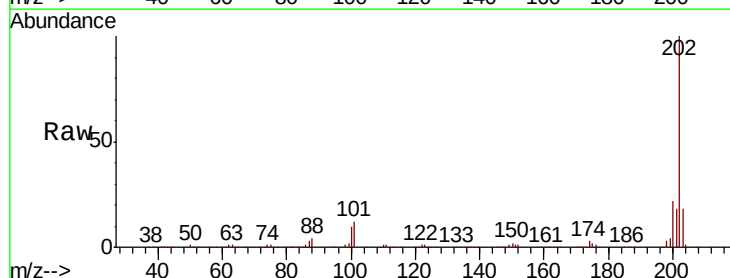
Tgt Ion:202 Resp: 1379111

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

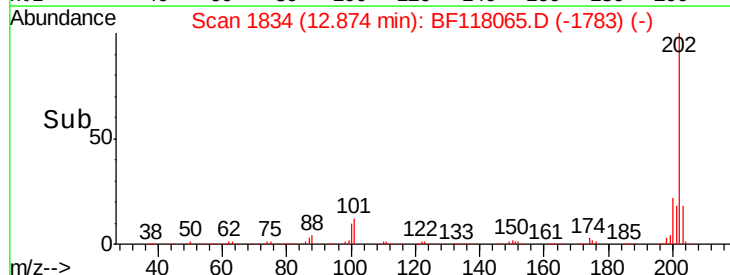
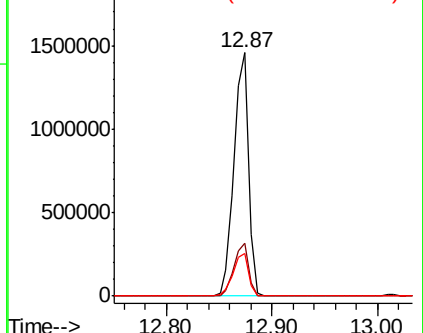
203 17.7 14.2 21.4

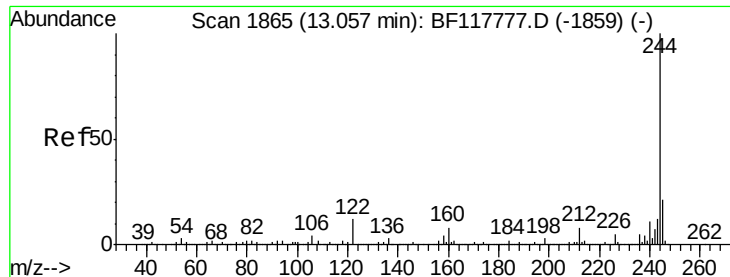


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.553 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampled :

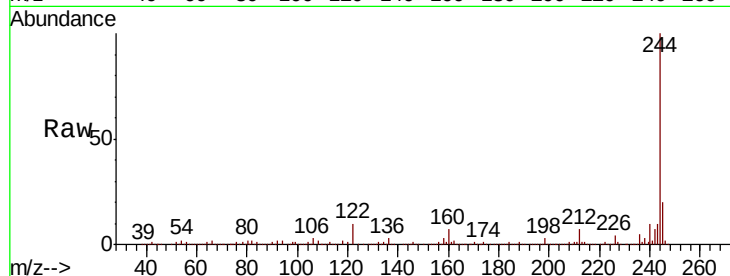
Tot Ion:244 Resp: 2070149

Ion Ratio Lower Upper

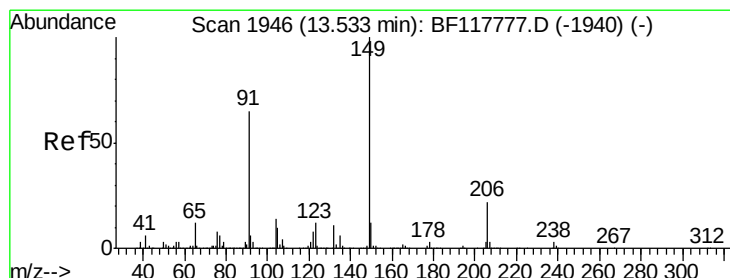
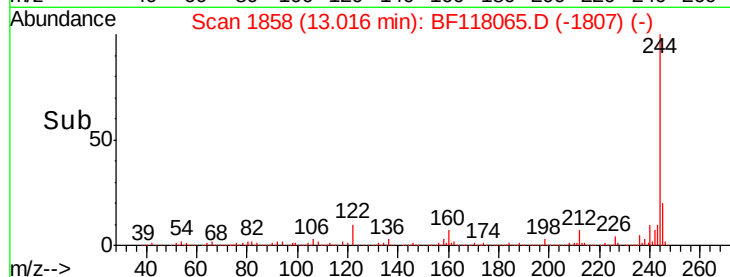
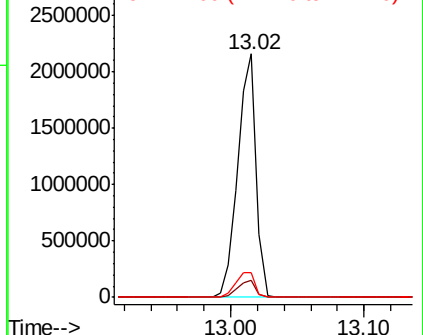
244 100

212 7.1 5.2 7.8

122 10.4 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: 54.254 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

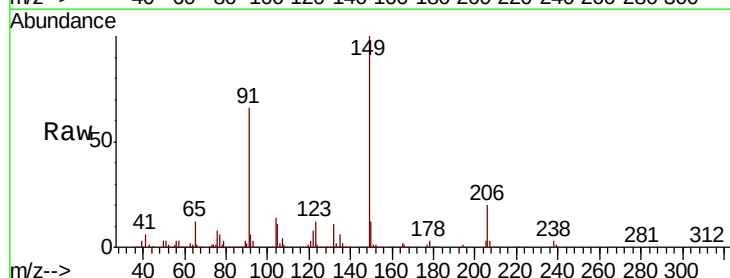
Tgt Ion:149 Resp: 611293

Ion Ratio Lower Upper

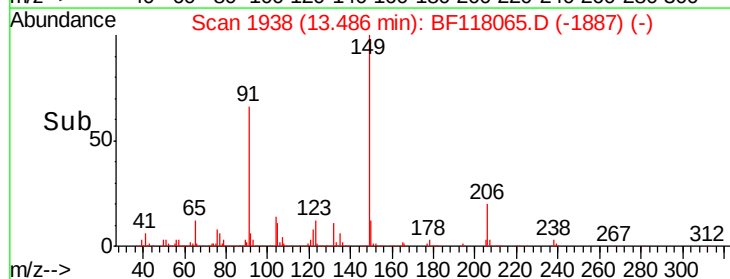
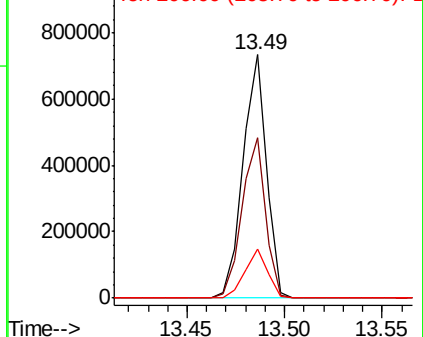
149 100

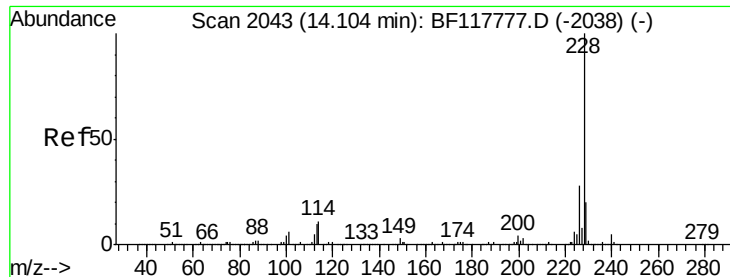
91 65.8 53.1 79.7

206 20.0 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: 51.665 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

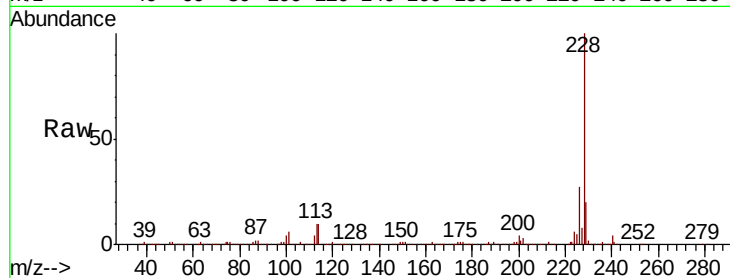
Tot Ion:228 Resp: 1108237

Ion Ratio Lower Upper

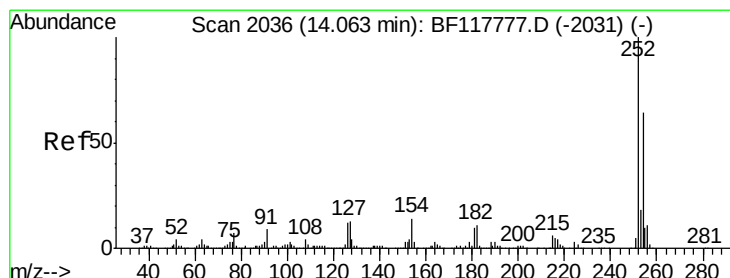
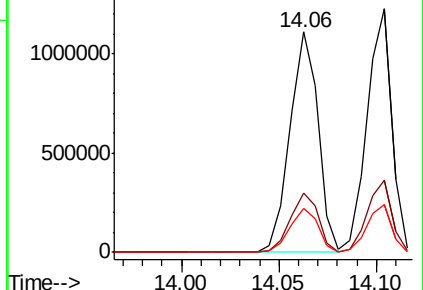
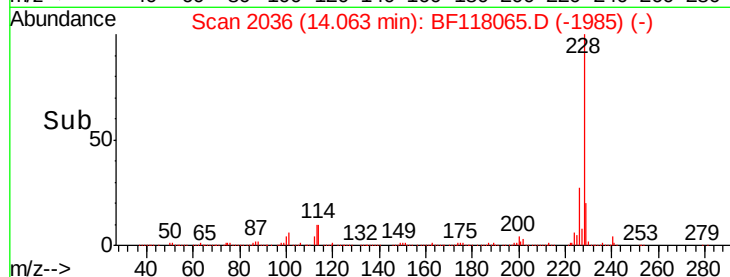
228 100

226 26.8 21.9 32.9

229 19.9 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: 27.820 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

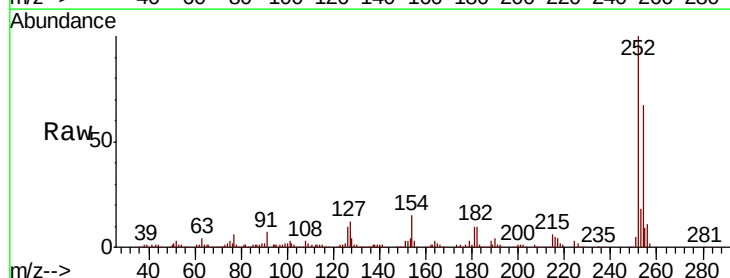
Tgt Ion:252 Resp: 208740

Ion Ratio Lower Upper

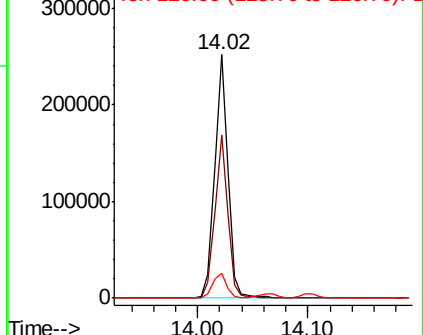
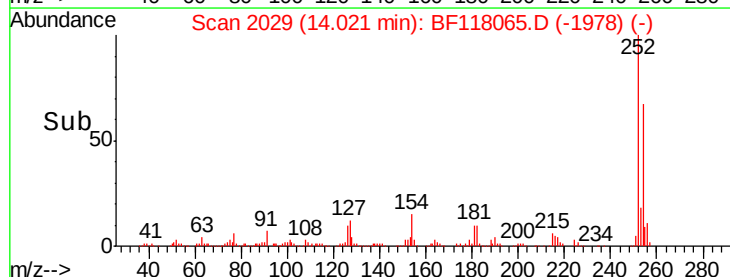
252 100

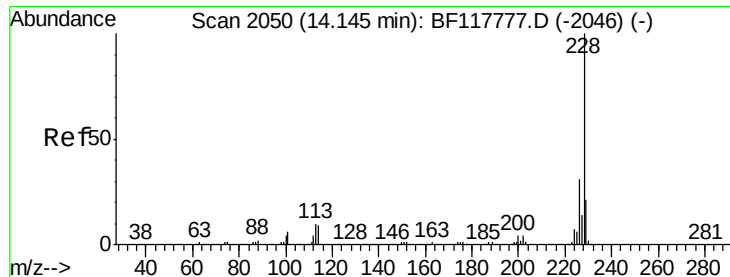
254 66.8 52.2 78.2

126 10.3 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: 51.578 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

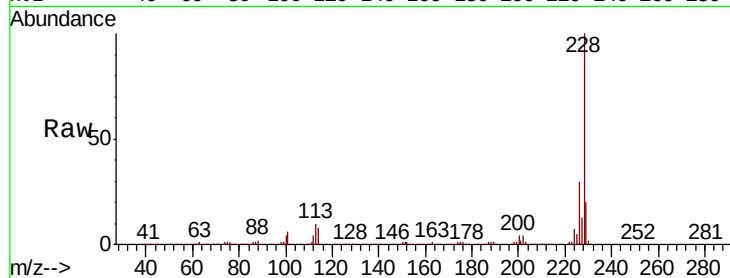
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1072091

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	19.8	16.2	24.2

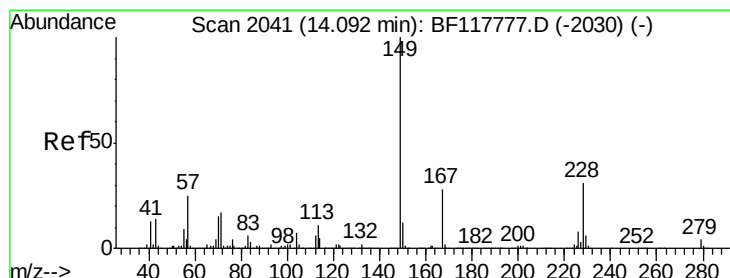
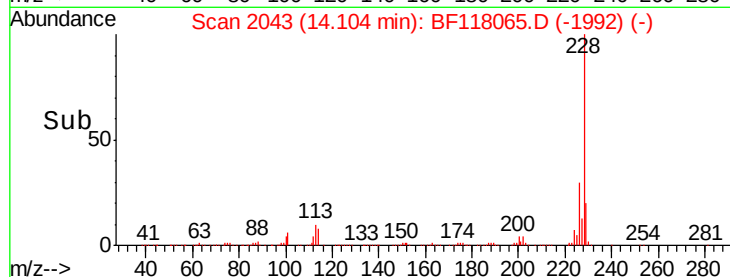
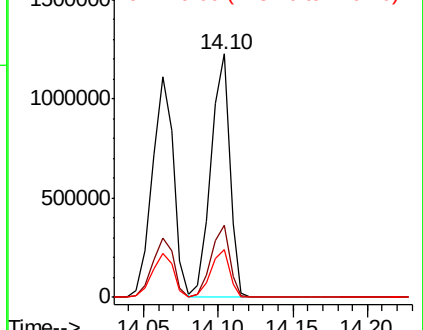


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.253 ng

RT: 14.04 min Scan# 2033

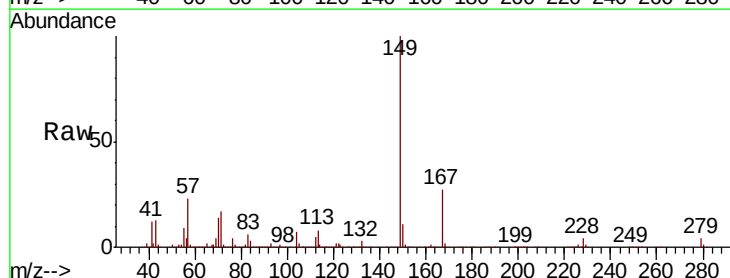
Delta R.T. 0.00 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Tgt Ion:149 Resp: 823059

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	4.1	3.4	5.0

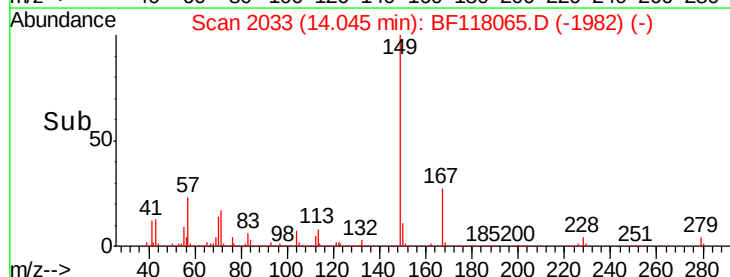
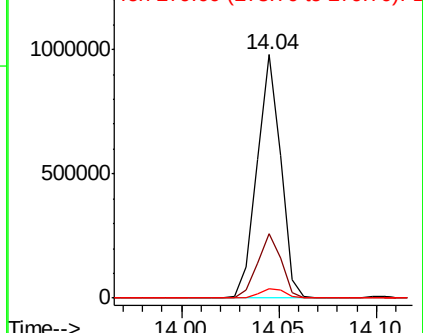


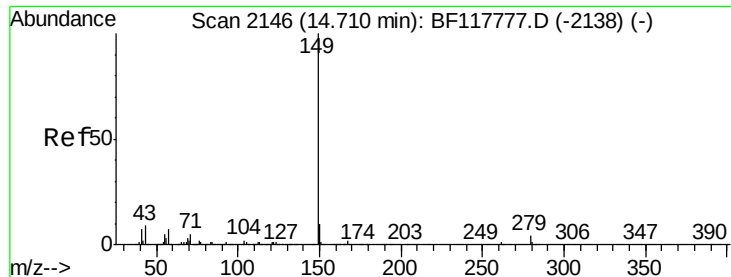
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

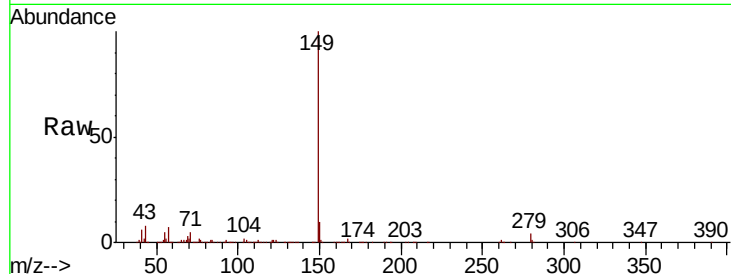




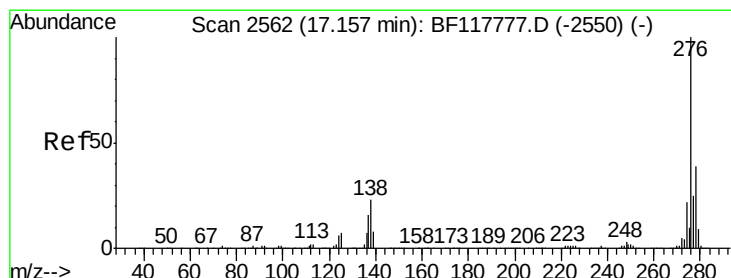
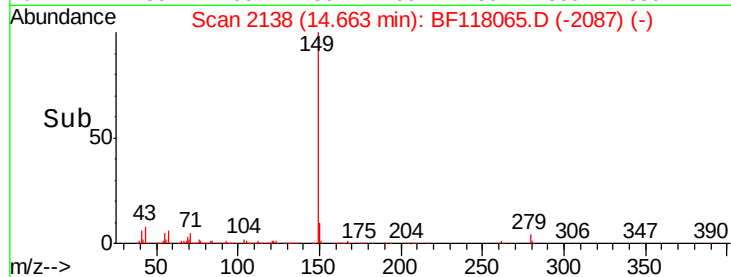
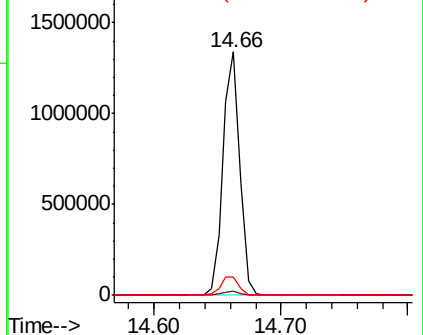
#85
Di-n-octyl phthalate
Concen: 61.546 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1235081
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.4 9.6

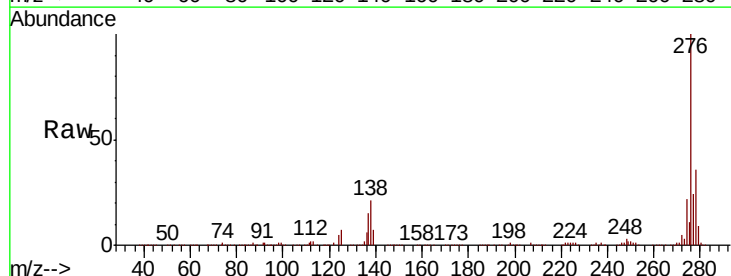


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

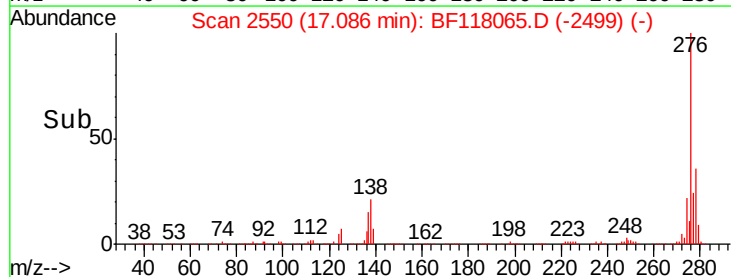
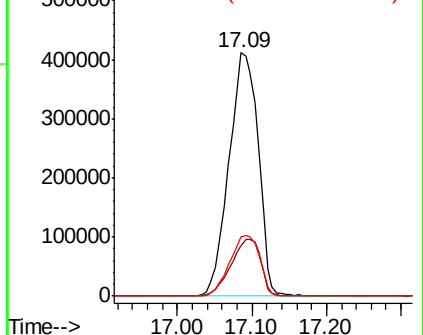


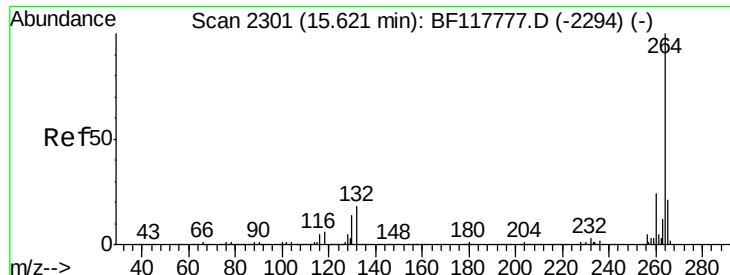
#86
Indeno(1,2,3-cd)pyrene
Concen: 63.505 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:276 Resp: 1123453
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.6
277 25.6 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



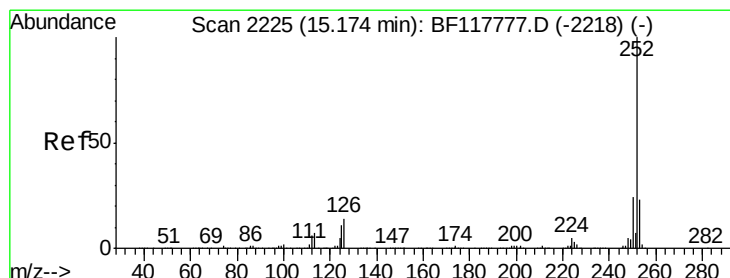
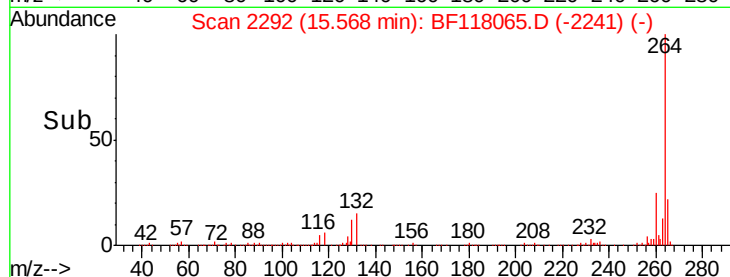
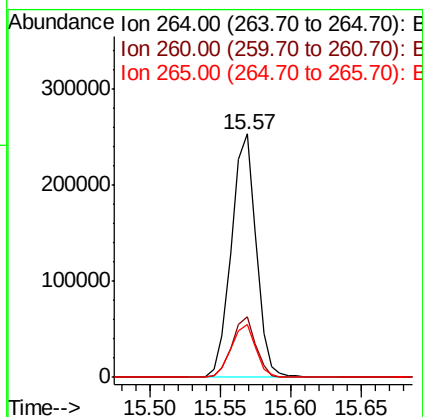
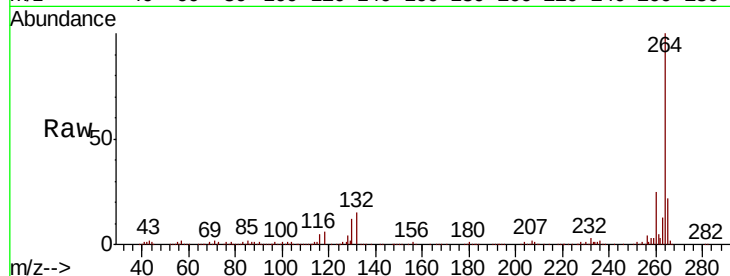


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 310546

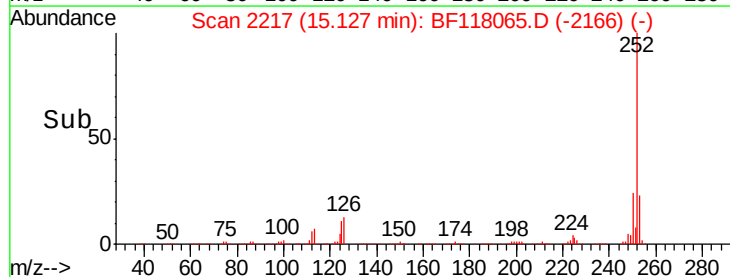
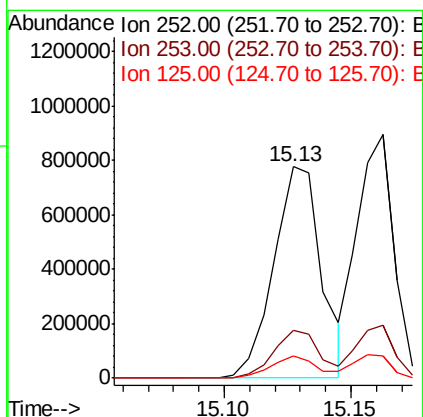
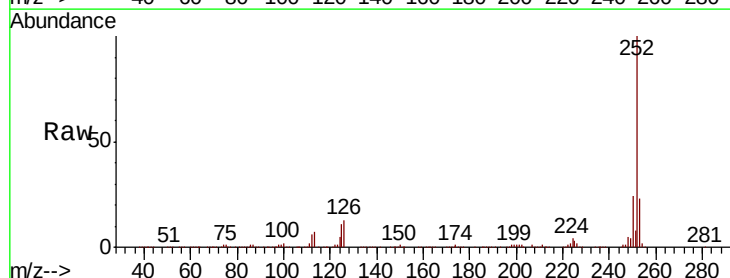
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	21.9	16.4	24.6

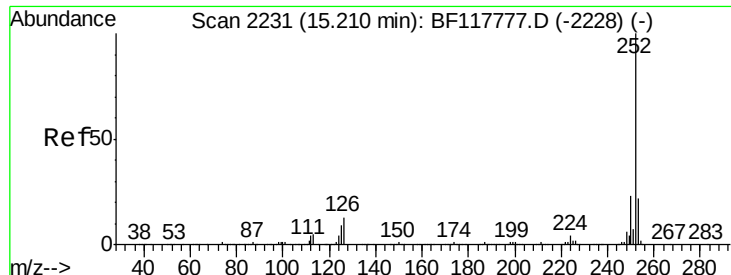


#88
Benzo(b)fluoranthene
Concen: 50.432 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:252 Resp: 1017525

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.5	7.7	11.5

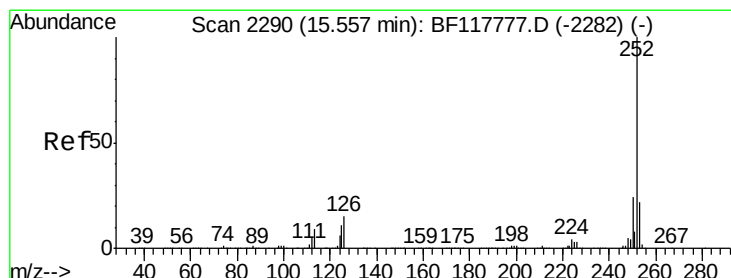
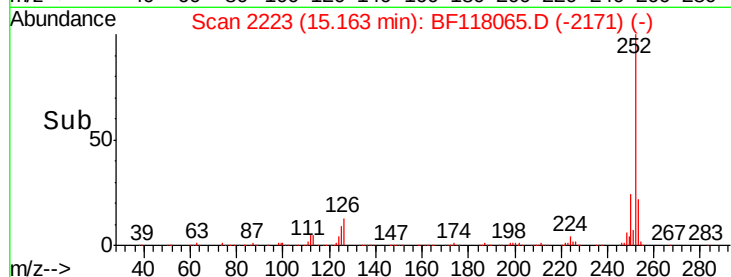
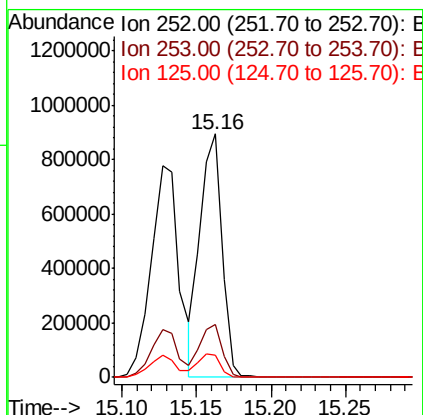
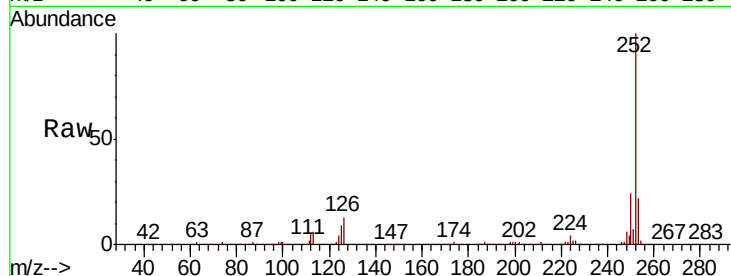




#89
Benzo(k)fluoranthene
Concen: 47.594 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

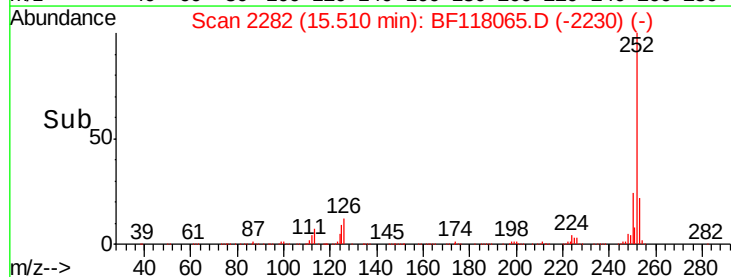
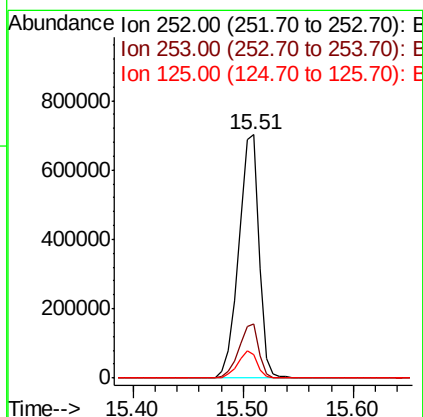
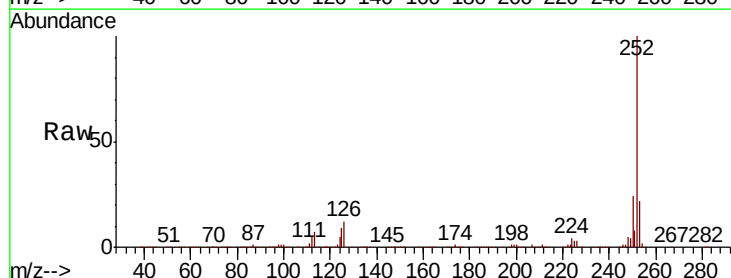
Instrument :
BNA_F
ClientSampled :

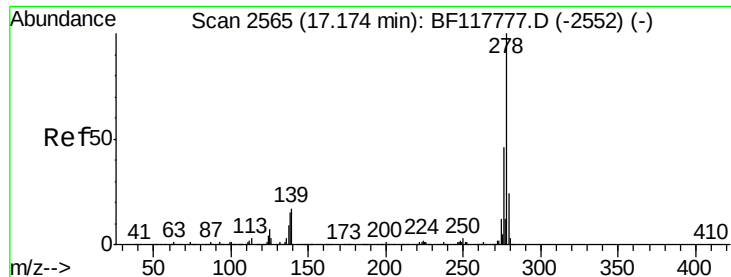
Tot Ion:252 Resp: 904789
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 51.273 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118065.D
Acq: 3 Dec 2019 16:37

Tgt Ion:252 Resp: 909678
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 61.570 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

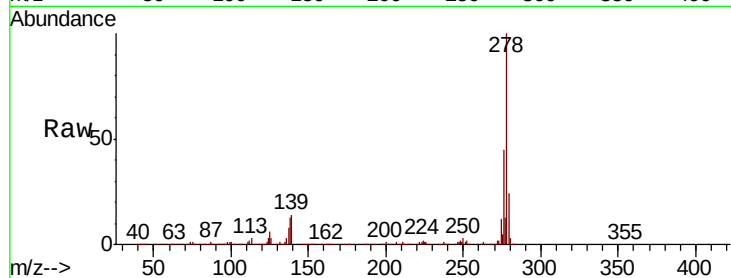
Tot Ion:278 Resp: 940227

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

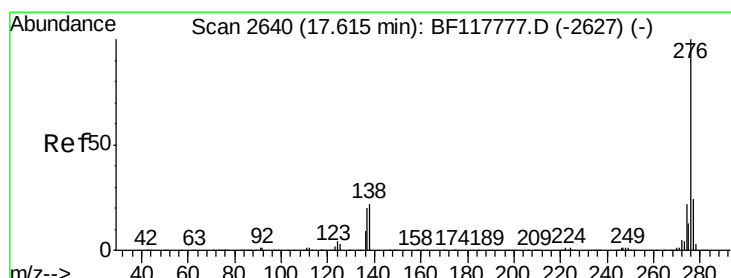
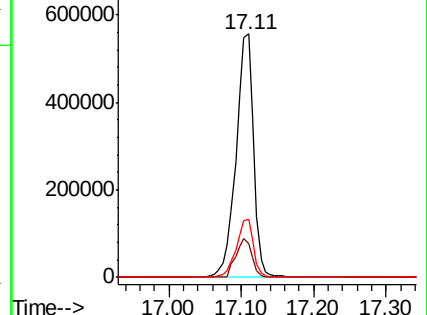
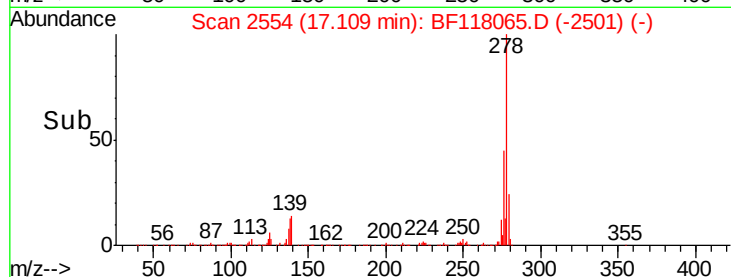
279 23.9 19.0 28.6



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: 62.567 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118065.D

Acq: 3 Dec 2019 16:37

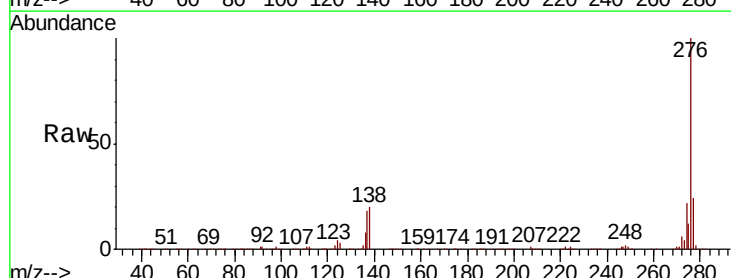
Tgt Ion:276 Resp: 951652

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 19.9 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

