

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118918.D
 Acq On : 13 Feb 2020 14:14
 Operator : CG/JU
 Sample : PB126794BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:34:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	222924	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	851301	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	451243	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	924345	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	630002	20.00	ng	-0.02
87) Perylene-d12	15.39	264	475364	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1409883	119.72	ng	-0.01
7) Phenol-d6	6.44	99	1803257	123.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1119158	78.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	638455	118.25	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	2186892	86.64	ng	-0.03
79) Terphenyl-d14	12.90	244	2802650	91.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	182269	33.961	ng	100
3) Pyridine	3.27	79	494832	33.204	ng	99
4) n-Nitrosodimethylamine	3.19	42	218065	40.189	ng	94
6) Aniline	6.46	93	419788	22.295	ng	# 62
8) 2-Chlorophenol	6.59	128	550036	41.932	ng	98
9) Benzaldehyde	6.34	77	3508	Below Cal		96
10) Phenol	6.45	94	657685	40.460	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	520085	41.820	ng	98
12) 1,3-Dichlorobenzene	6.73	146	597238	38.251	ng	99
13) 1,4-Dichlorobenzene	6.81	146	605810	38.898	ng	99
14) 1,2-Dichlorobenzene	6.97	146	563958	37.907	ng	99
15) Benzyl Alcohol	6.94	79	469473	41.546	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	619512	40.678	ng	94
17) 2-Methylphenol	7.06	107	453127	41.550	ng	99
18) Hexachloroethane	7.31	117	210397	37.640	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	357875	40.010	ng	99
20) 3+4-Methylphenols	7.21	107	552206	40.397	ng	# 84
22) Acetophenone	7.20	105	720490	38.955	ng	# 97
24) Nitrobenzene	7.37	77	562561	39.428	ng	99
25) Isophorone	7.62	82	1030872	40.161	ng	99
26) 2-Nitrophenol	7.69	139	308075	40.521	ng	97
27) 2,4-Dimethylphenol	7.73	122	472198	45.721	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	637876	38.323	ng	100
29) 2,4-Dichlorophenol	7.94	162	496031	40.105	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	537902	37.208	ng	98
31) Naphthalene	8.10	128	1547716	39.751	ng	99
32) Benzoic acid	7.86	122	292893	34.253	ng	97
33) 4-Chloroaniline	8.15	127	381263	21.887	ng	98
34) Hexachlorobutadiene	8.22	225	309387	34.931	ng	99
35) Caprolactam	8.51	113	75657	18.869	ng	93
36) 4-Chloro-3-methylphenol	8.64	107	507845	40.800	ng	96
37) 2-Methylnaphthalene	8.79	142	1087618	40.277	ng	99
38) 1-Methylnaphthalene	8.89	142	1023272	40.282	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	563415	41.370	ng	99

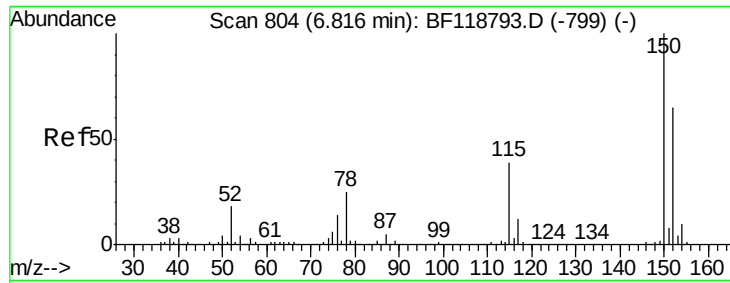
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	199996	37.451	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	366306	40.222	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	394722	42.419	ng	98
46) 1,1'-Biphenyl	9.25	154	1331283	42.650	ng	98
47) 2-Chloronaphthalene	9.28	162	1061540	40.908	ng	97
48) 2-Nitroaniline	9.37	65	314563	42.029	ng	96
49) Acenaphthylene	9.69	152	1638390	43.728	ng	99
50) Dimethylphthalate	9.55	163	1293518	42.099	ng	99
51) 2,6-Dinitrotoluene	9.62	165	303012	43.101	ng	95
52) Acenaphthene	9.86	154	961196	38.931	ng	99
53) 3-Nitroaniline	9.78	138	228529	29.311	ng	95
54) 2,4-Dinitrophenol	9.90	184	283517	83.888	ng	89
55) Dibenzofuran	10.04	168	1515852	42.484	ng	96
56) 4-Nitrophenol	9.96	139	448713	79.519	ng	99
57) 2,4-Dinitrotoluene	10.02	165	410703	44.144	ng	92
58) Fluorene	10.38	166	1184189	44.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	343235	42.236	ng	99
60) Diethylphthalate	10.25	149	1259085	42.143	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	606794	41.682	ng	98
62) 4-Nitroaniline	10.40	138	313117	40.103	ng	98
63) Azobenzene	10.53	77	1134410	44.475	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	226990	43.702	ng	93
66) n-Nitrosodiphenylamine	10.49	169	1086825	40.591	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	418152	38.241	ng	98
68) Hexachlorobenzene	10.93	284	469452	37.430	ng	95
69) Atrazine	11.02	200	213853	23.974	ng	98
70) Pentachlorophenol	11.13	266	665057	100.426	ng	100
71) Phenanthrene	11.34	178	1838587	40.427	ng	99
72) Anthracene	11.39	178	1816574	40.151	ng	99
73) Carbazole	11.55	167	1692779	42.633	ng	99
74) Di-n-butylphthalate	11.87	149	1995890	39.459	ng	99
75) Fluoranthene	12.53	202	2044498	41.174	ng	99
77) Benzidine	12.64	184	270365	14.189	ng	99
78) Pyrene	12.76	202	2069701	47.888	ng	99
80) Butylbenzylphthalate	13.37	149	907520	46.004	ng	99
81) Benzo(a)anthracene	13.94	228	1409862	37.607	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	434657	28.348	ng	99
83) Chrysene	13.98	228	1369347	36.394	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	886914	35.437	ng	98
85) Di-n-octyl phthalate	14.54	149	1557903	36.335	ng	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1610606	42.604	ng	99
88) Benzo(b)fluoranthene	14.99	252	1579511	53.548	ng	98
89) Benzo(k)fluoranthene	15.02	252	1369969	53.335	ng	99
90) Benzo(a)pyrene	15.34	252	1413715	56.002	ng	100
91) Dibenzo(a,h)anthracene	16.84	278	1353929	60.416	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1349941	62.637	ng	99

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

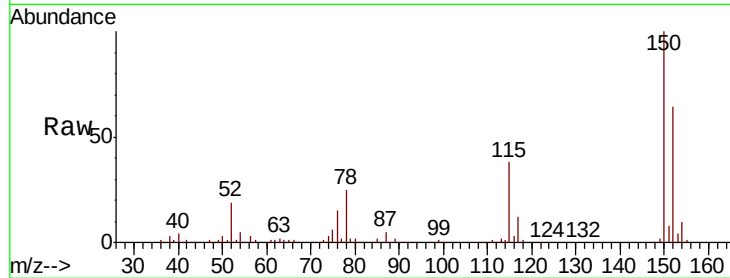


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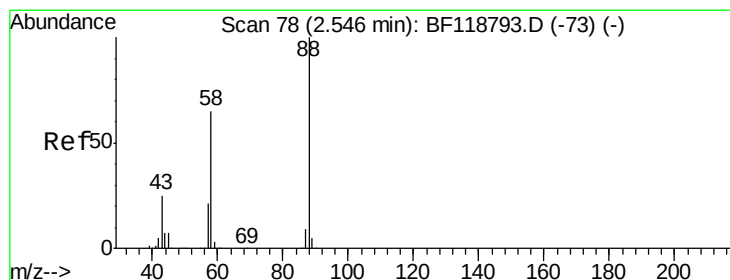
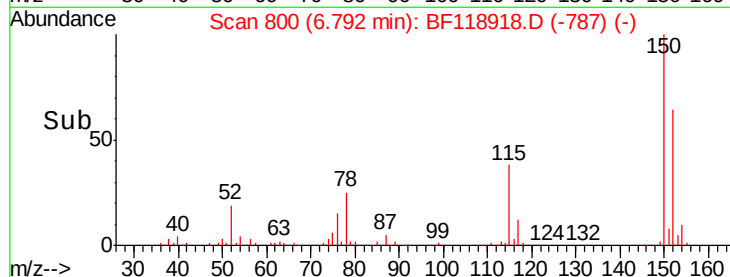
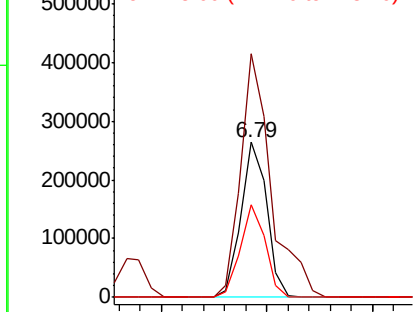
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 222924
Ion Ratio Lower Upper
152 100
150 157.3 123.6 185.4
115 59.6 48.2 72.2



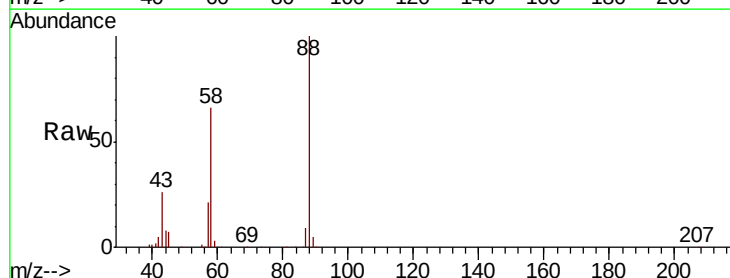
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



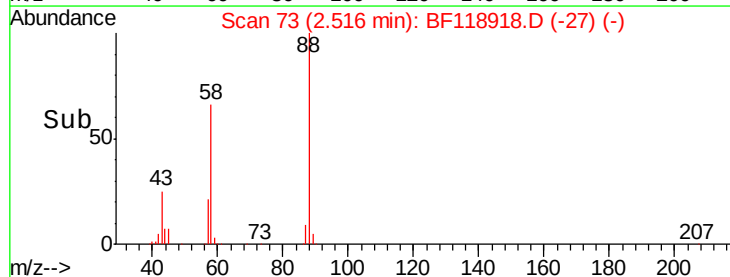
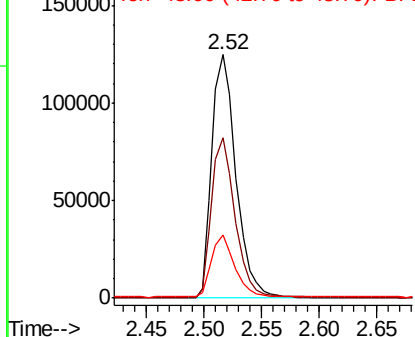
#2

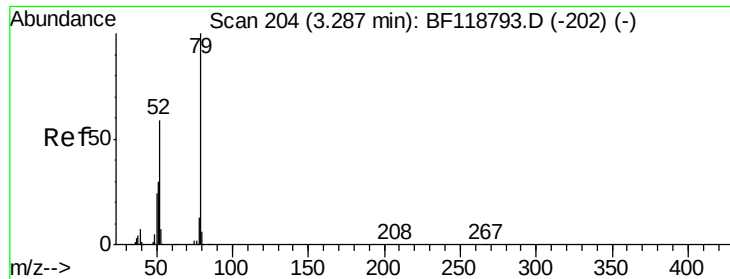
1,4-Dioxane
Concen: 33.961 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion: 88 Resp: 182269
Ion Ratio Lower Upper
88 100
58 64.8 51.6 77.4
43 24.3 19.8 29.6



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: 33.204 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

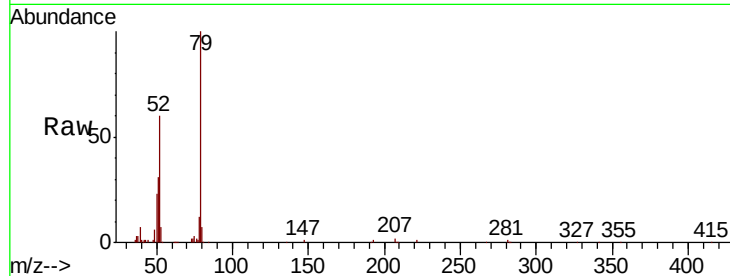
Tot Ion: 79 Resp: 494832

Ion Ratio Lower Upper

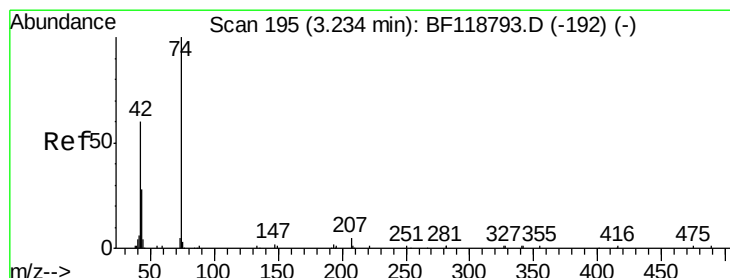
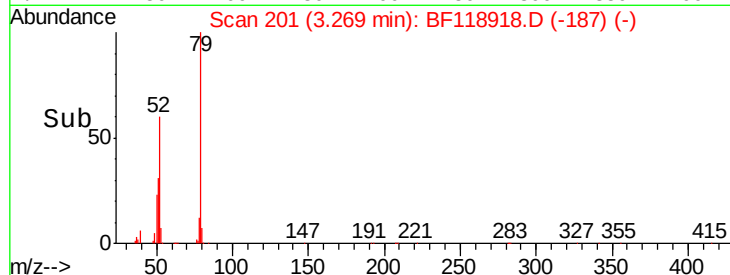
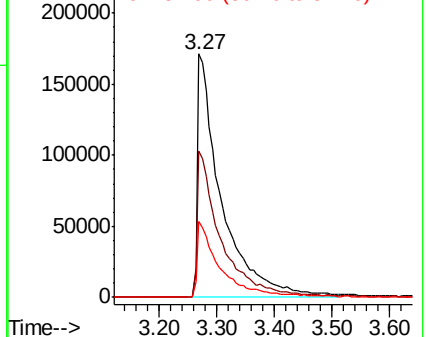
79 100

52 60.2 47.4 71.0

51 31.0 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.189 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.04 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

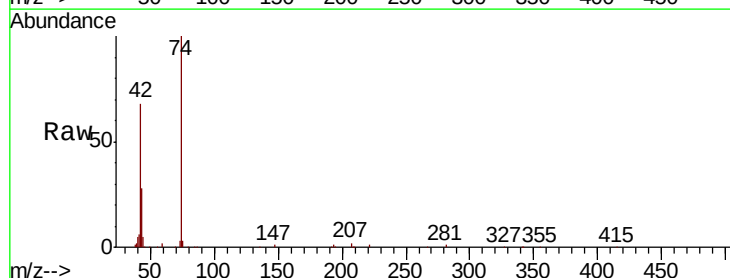
Tgt Ion: 42 Resp: 218065

Ion Ratio Lower Upper

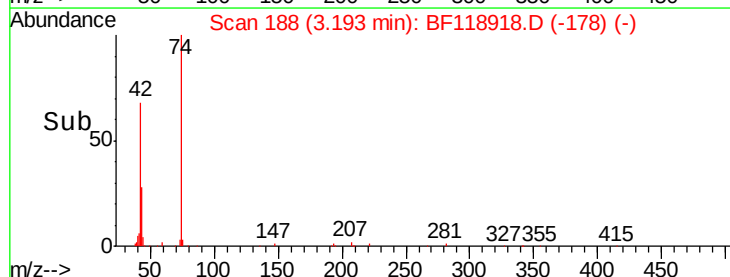
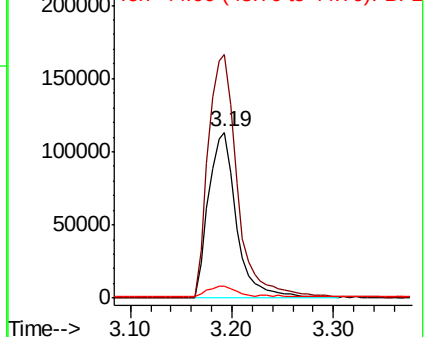
42 100

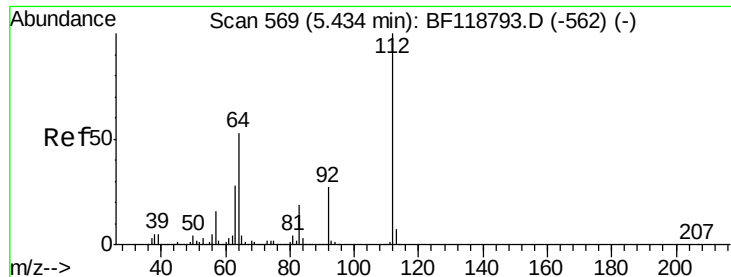
74 147.1 124.3 186.5

44 7.0 5.3 7.9



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: 119.718 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

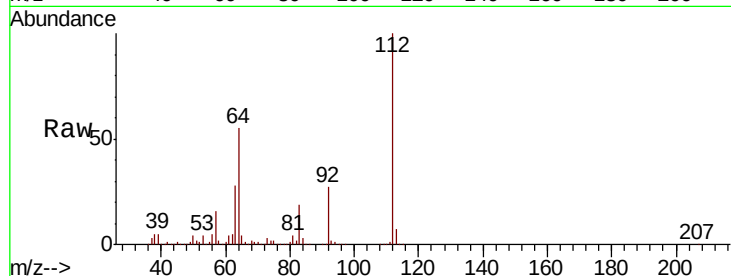
Tot Ion:112 Resp: 1409883

Ion Ratio Lower Upper

112 100

64 54.8 42.6 63.8

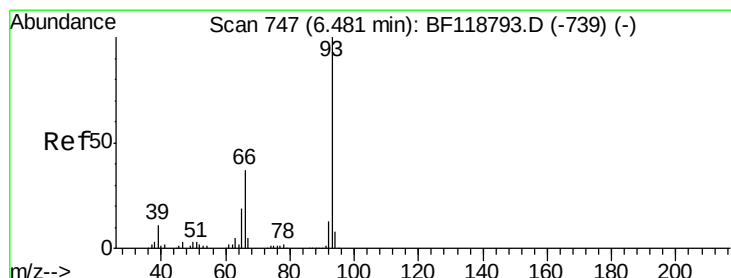
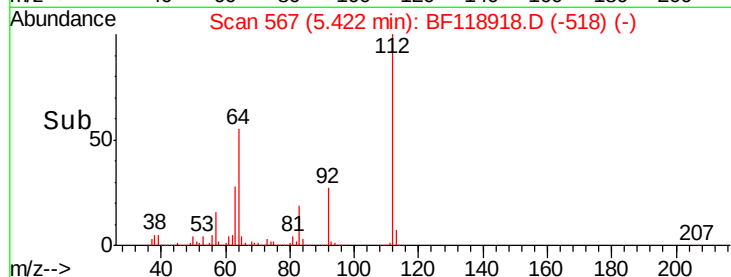
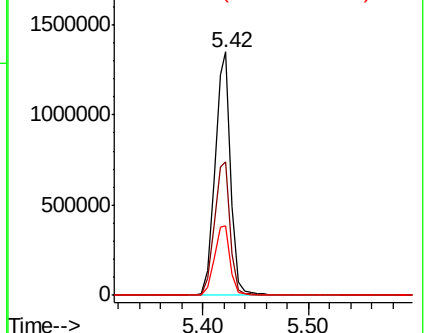
63 28.4 22.2 33.4



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: 22.295 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

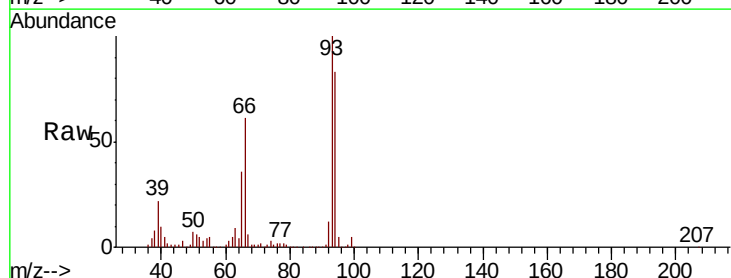
Tgt Ion: 93 Resp: 419788

Ion Ratio Lower Upper

93 100

66 61.4 30.8 46.2#

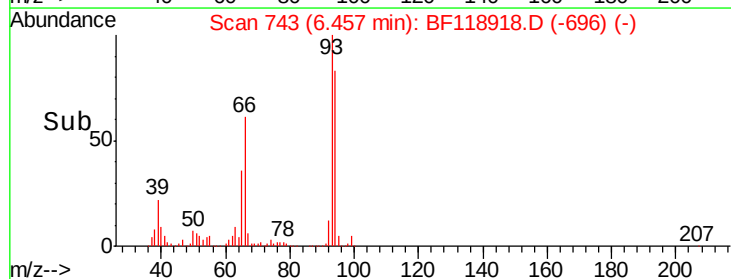
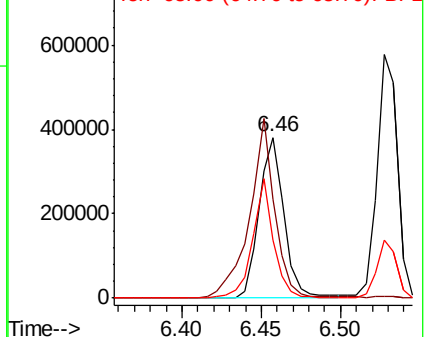
65 36.0 15.4 23.0#

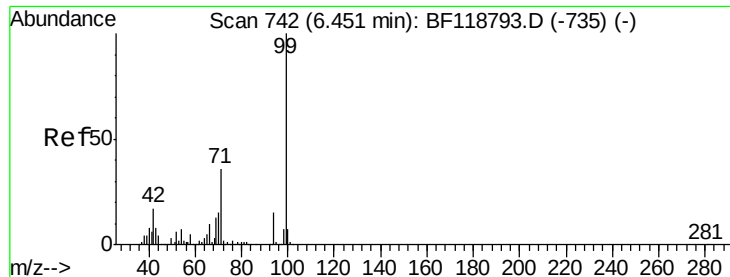


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.350 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

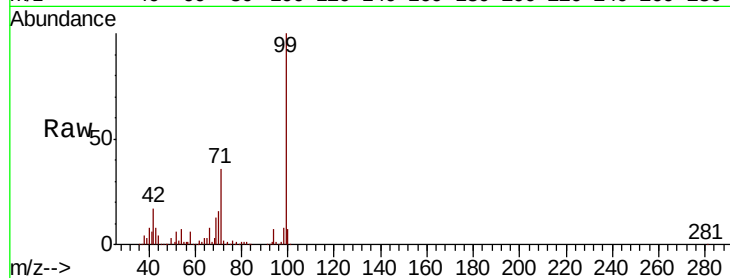
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1803257

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	35.9	29.0	43.6

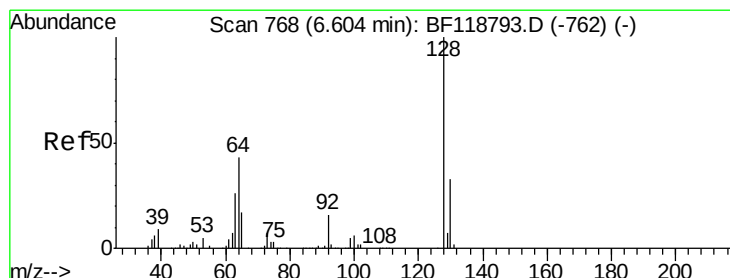
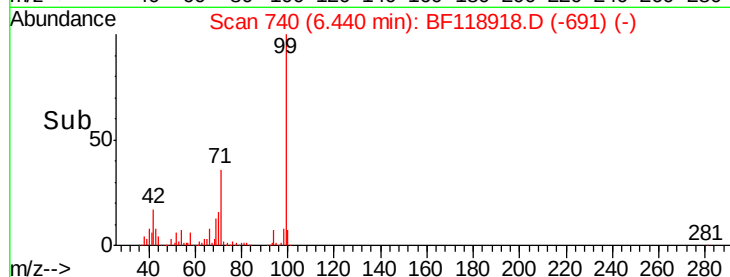
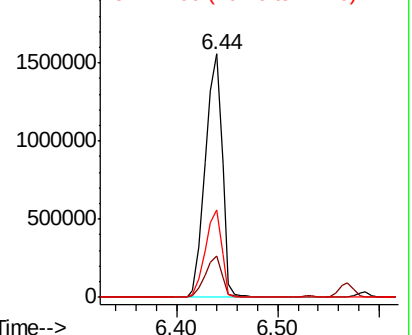


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.932 ng

RT: 6.59 min Scan# 765

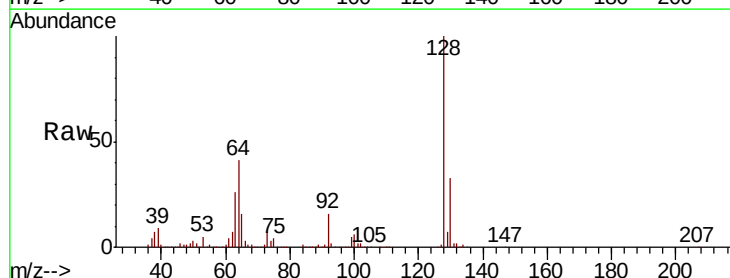
Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:128 Resp: 550036

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.1	53.1
64	41.2	23.0	63.0

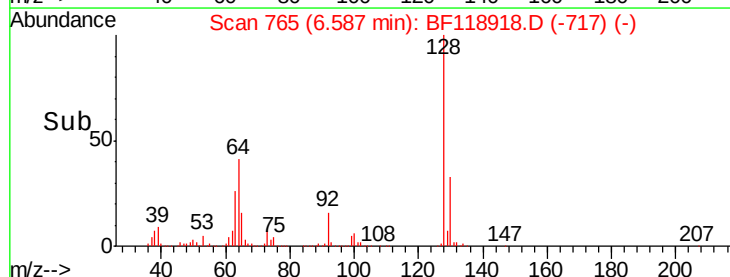
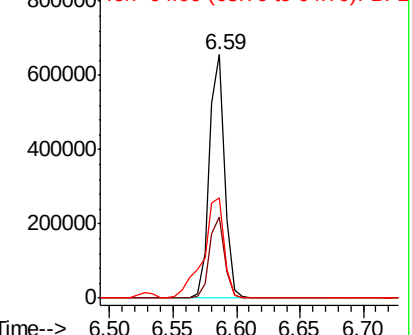


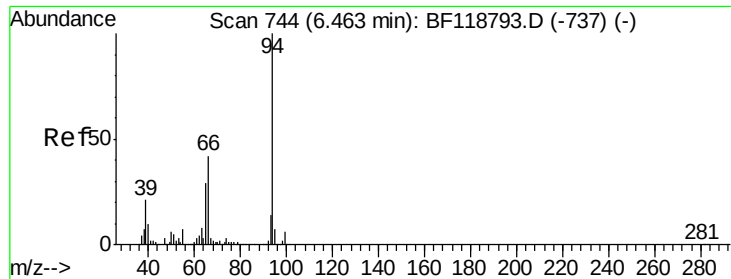
Abundance

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

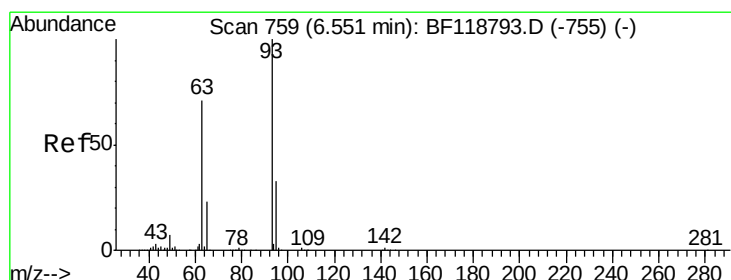
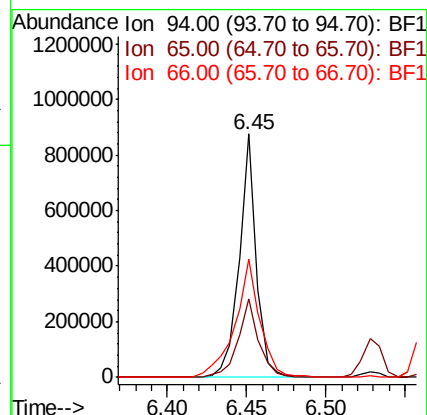
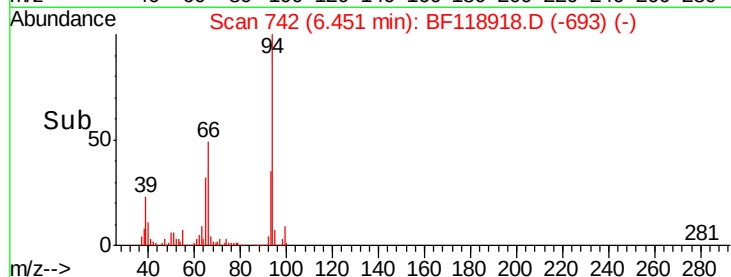
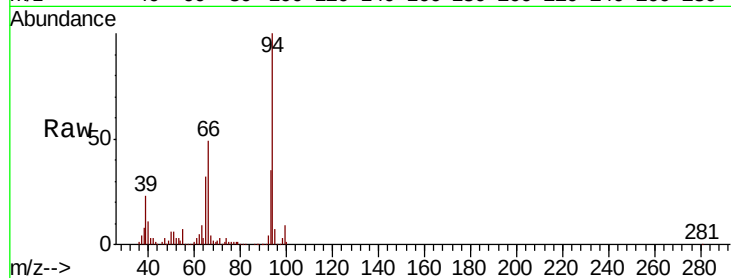




#10
Phenol
Concen: 40.460 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

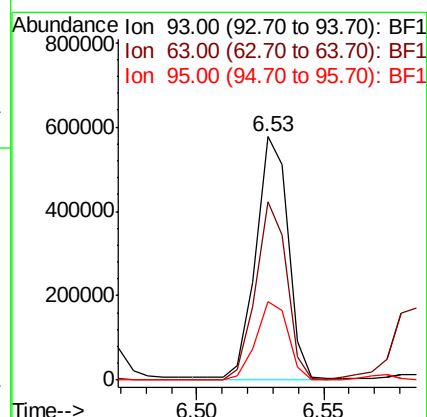
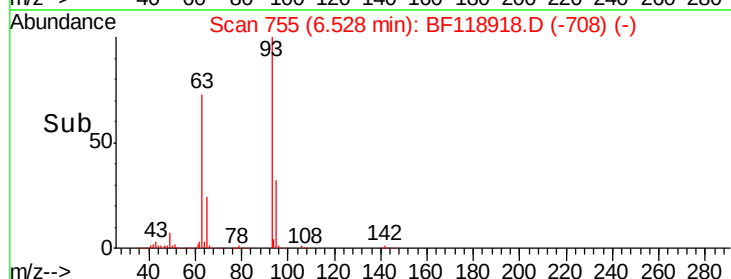
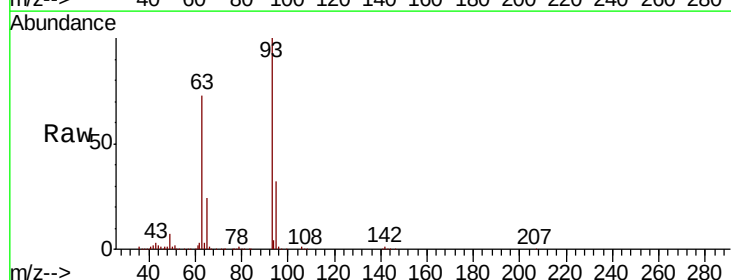
Instrument :
BNA_F
ClientSampleId :

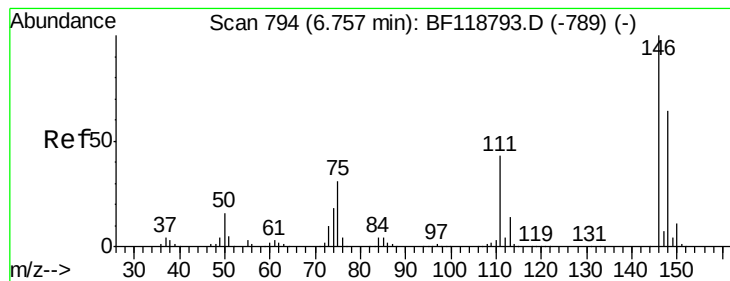
Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.1	49.1
66	48.6	21.7	61.7



#11
bis(2-Chloroethyl)ether
Concen: 41.820 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.1	50.7	90.7
95	32.2	12.6	52.6





#12

1,3-Dichlorobenzene

Concen: 38.251 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

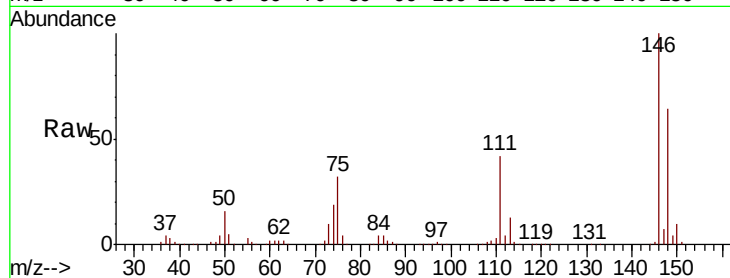
Tot Ion:146 Resp: 597238

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

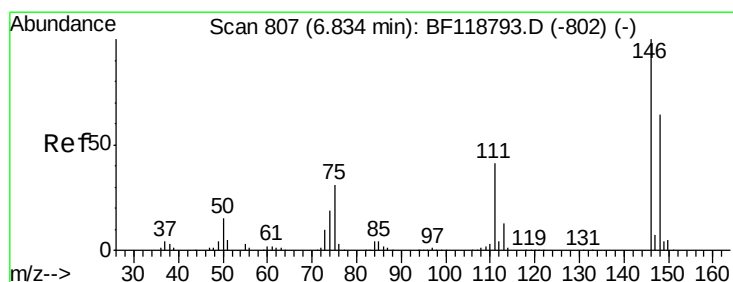
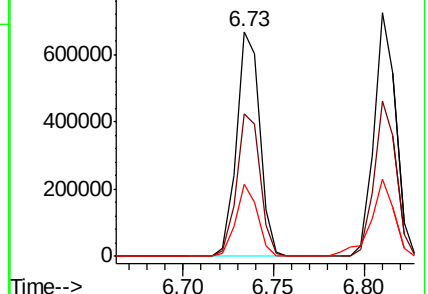
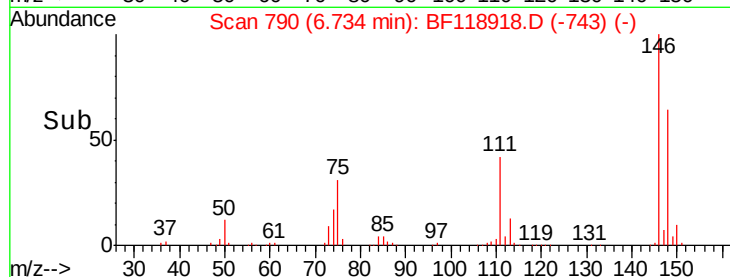
75 31.8 25.0 37.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 38.898 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

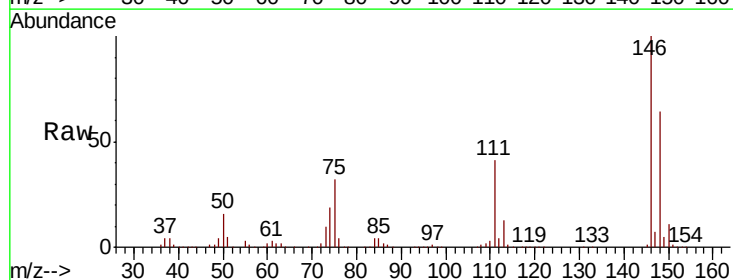
Tgt Ion:146 Resp: 605810

Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

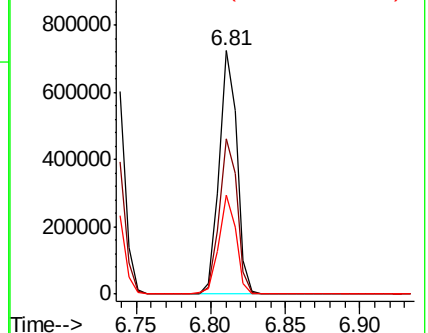
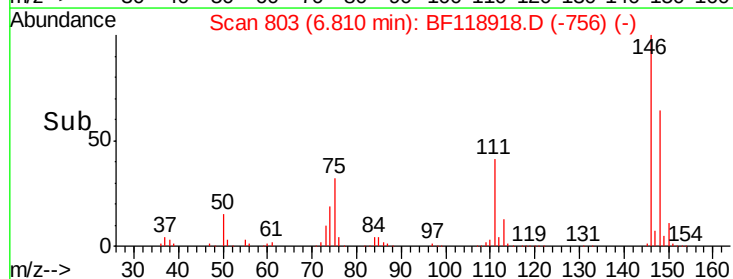
111 40.8 32.9 49.3

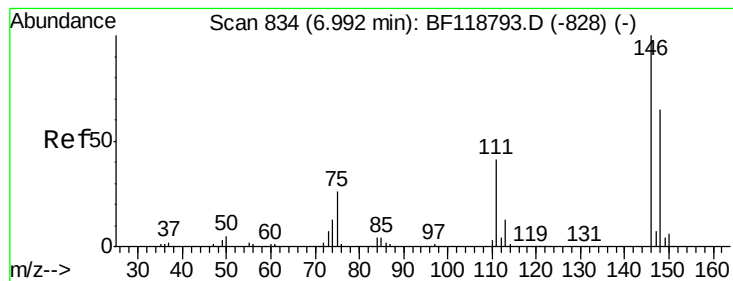


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.907 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

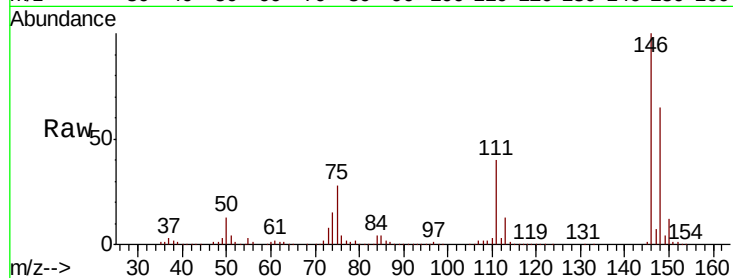
Tot Ion:146 Resp: 563958

Ion Ratio Lower Upper

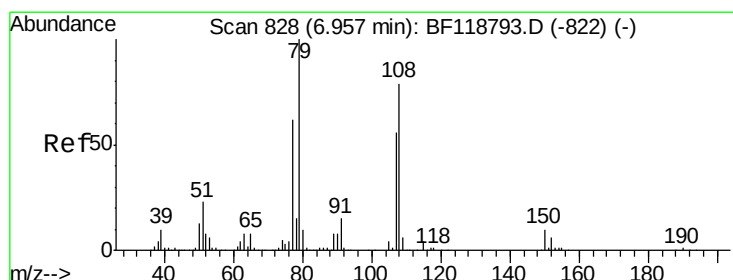
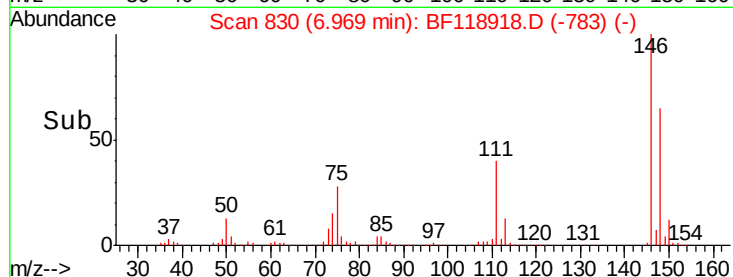
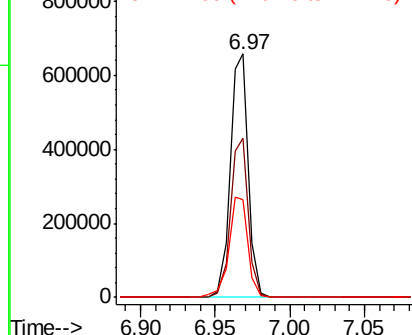
146 100

148 65.4 51.6 77.4

111 40.0 32.7 49.1



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: 41.546 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

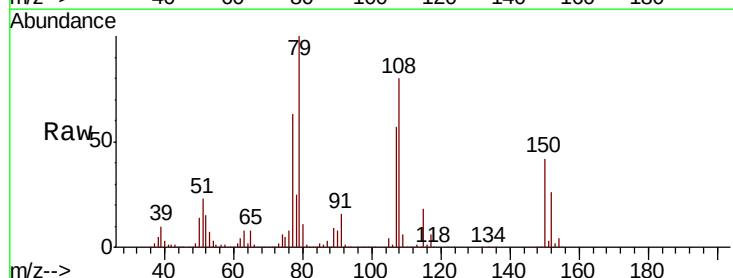
Tgt Ion: 79 Resp: 469473

Ion Ratio Lower Upper

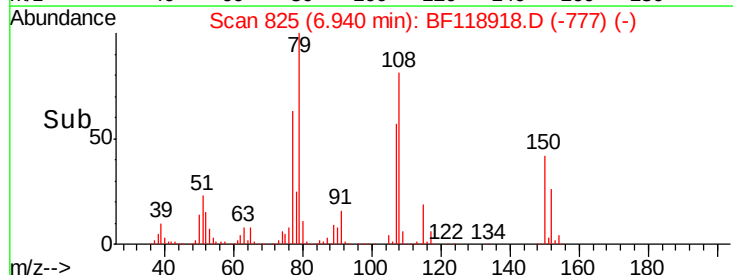
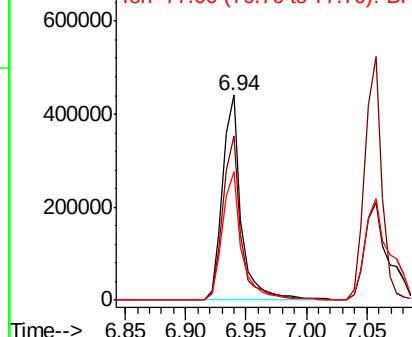
79 100

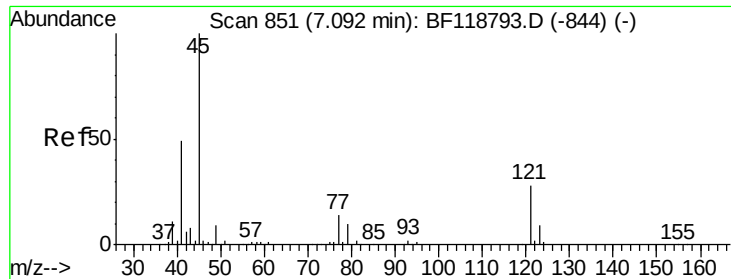
108 80.5 62.9 94.3

77 63.0 50.0 75.0



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

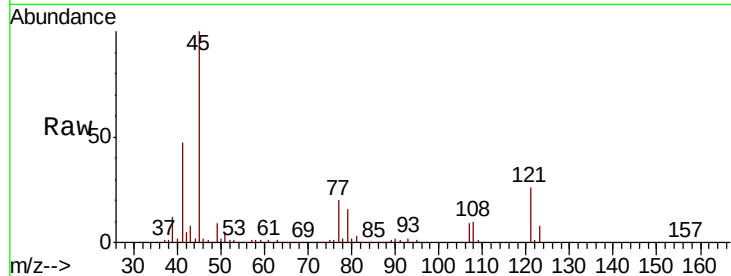




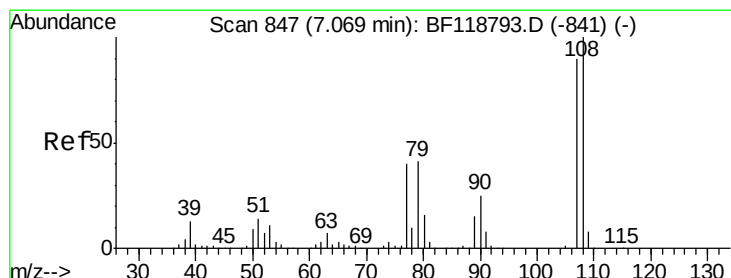
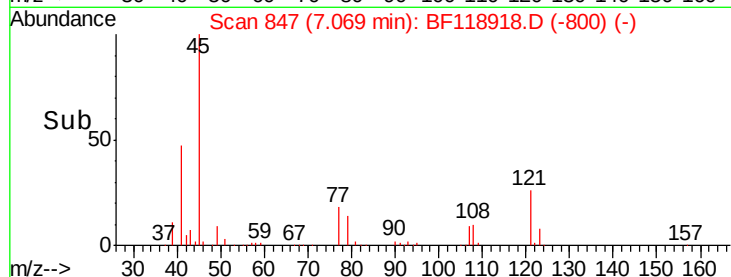
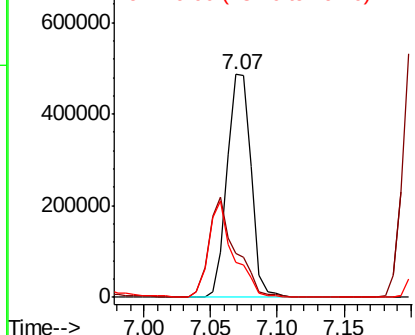
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.678 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 619512
Ion Ratio Lower Upper
45 100
77 19.8 0.0 37.1
79 15.7 0.0 33.1

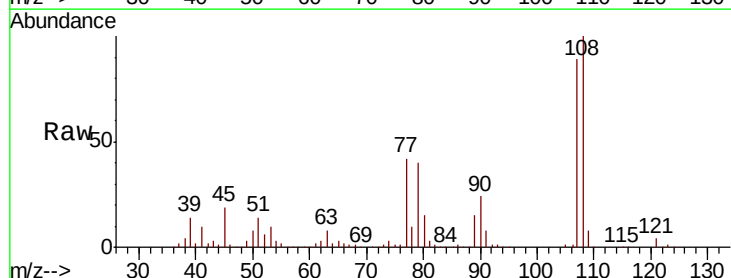


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

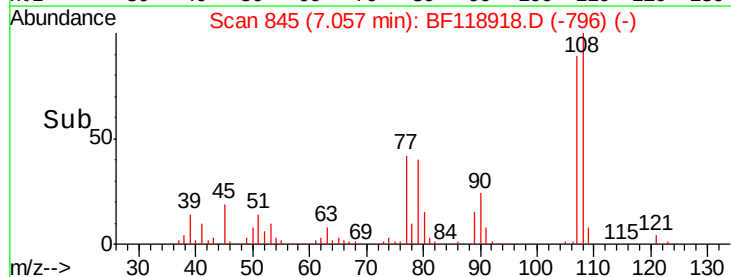
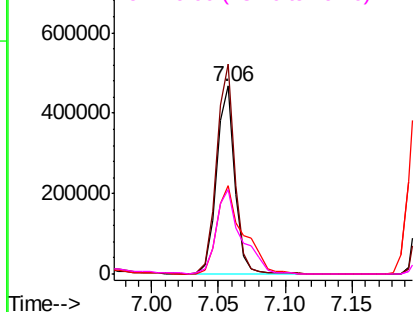


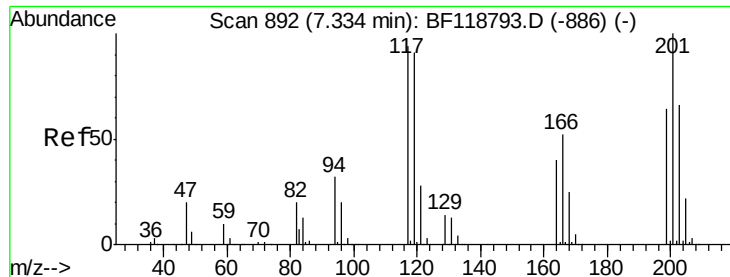
#17
2-Methylphenol
Concen: 41.550 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion: 107 Resp: 453127
Ion Ratio Lower Upper
107 100
108 112.0 89.3 133.9
77 46.7 36.2 54.2
79 45.0 36.3 54.5



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

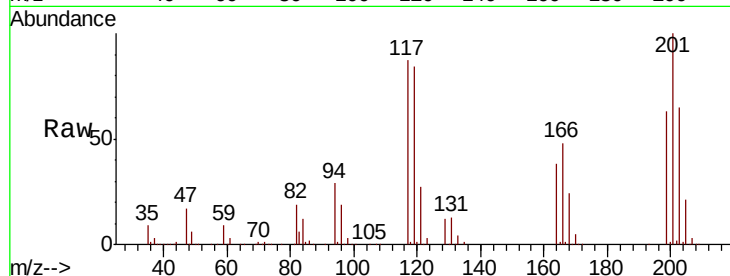




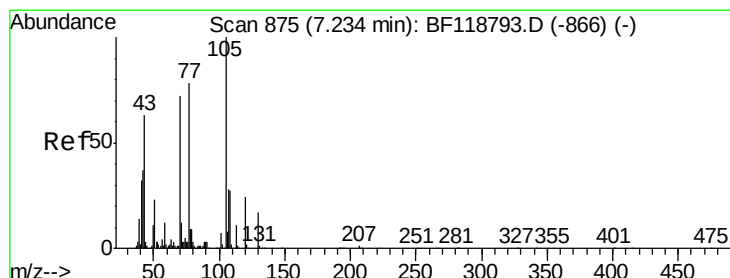
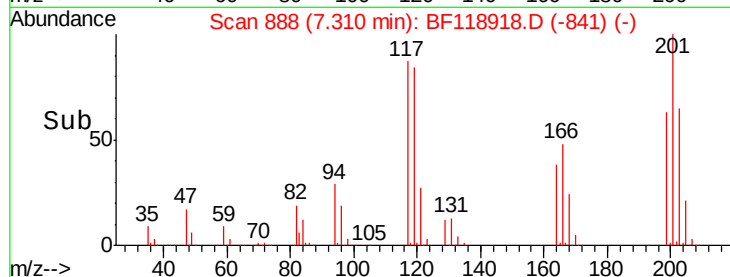
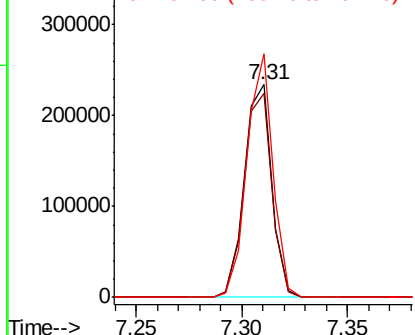
#18
Hexachloroethane
Concen: 37.640 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 210397
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 114.5 85.1 127.7

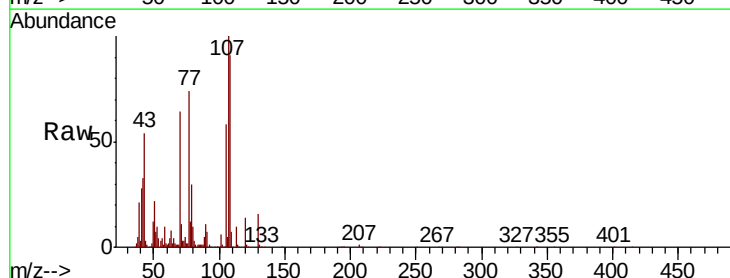


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

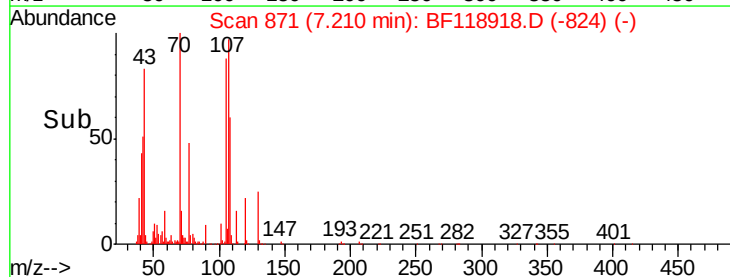
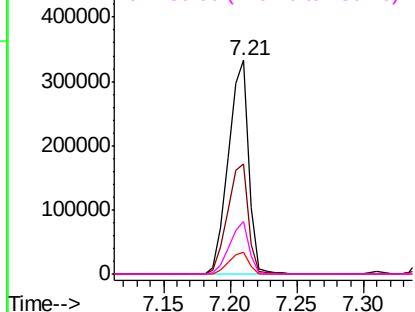


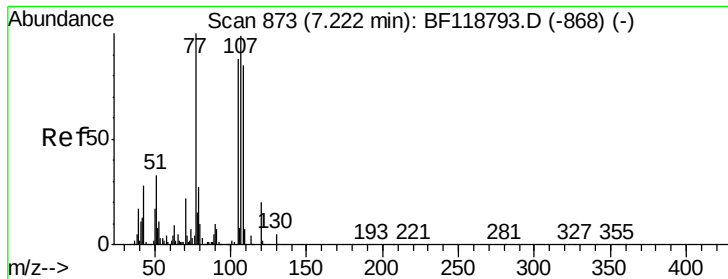
#19
n-Nitroso-di-n-propylamine
Concen: 40.010 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion: 70 Resp: 357875
Ion Ratio Lower Upper
70 100
42 51.6 41.5 62.3
101 10.1 8.3 12.5
130 24.8 19.2 28.8



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





#20

3+4-Methylphenols

Concen: 40.397 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF118918.D

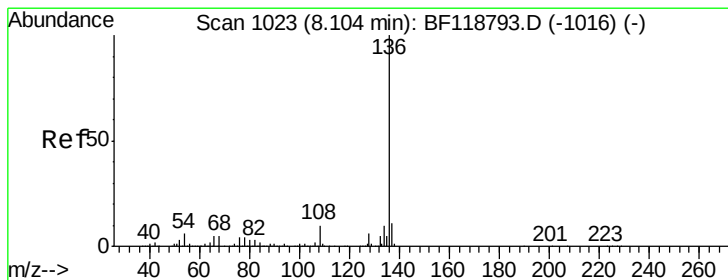
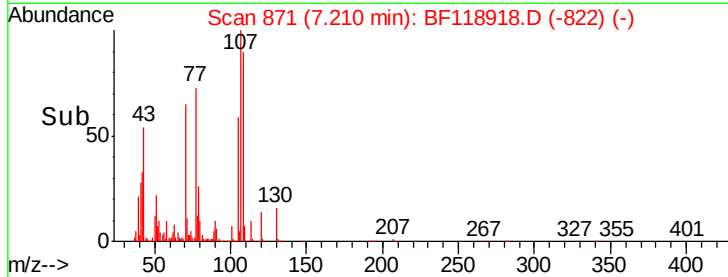
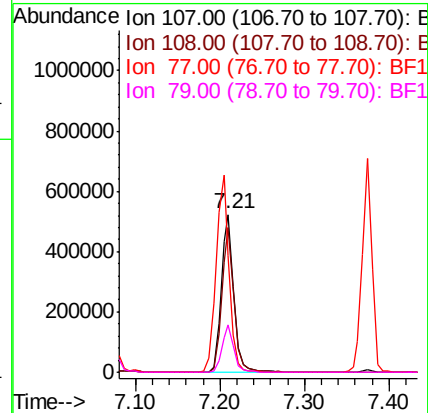
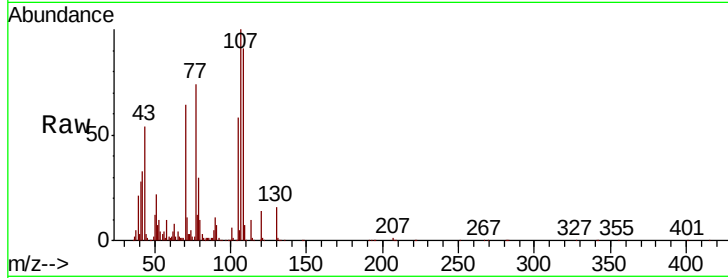
Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	552206
Ion	Ratio	Lower	Upper
107	100		
108	91.4	65.9	105.9
77	73.7	80.9	120.9
79	29.7	7.5	47.5



#21

Naphthalene-d8

Concen: 20.000 ng

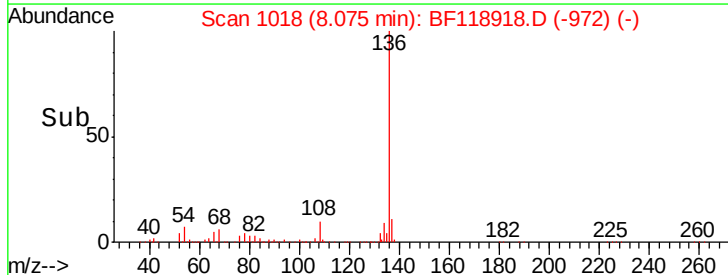
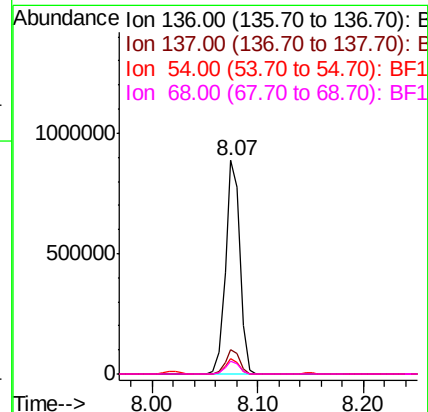
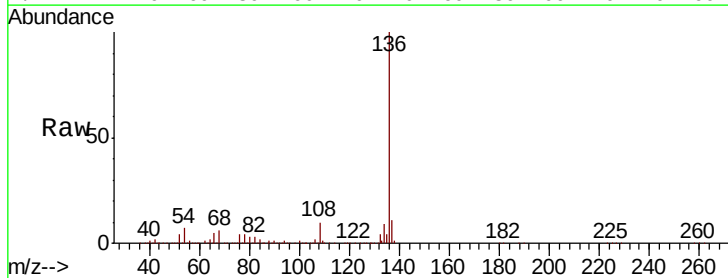
RT: 8.07 min Scan# 1018

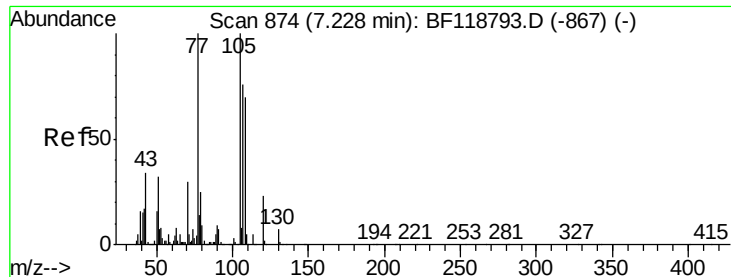
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	136	Resp:	851301
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.1	5.0	7.6
68	6.3	4.2	6.4





#22

Acetophenone

Concen: 38.955 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 720490

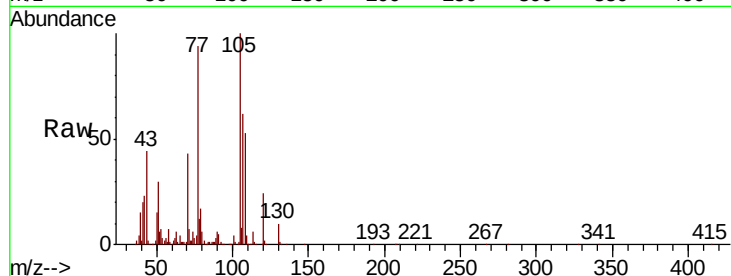
Ion Ratio Lower Upper

105 100

71 7.3 4.2 6.4#

51 29.9 25.5 38.3

120 23.6 18.6 28.0

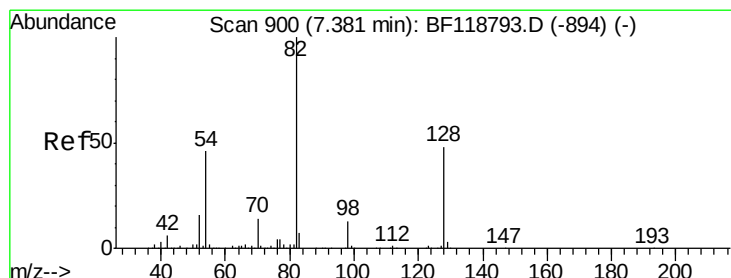
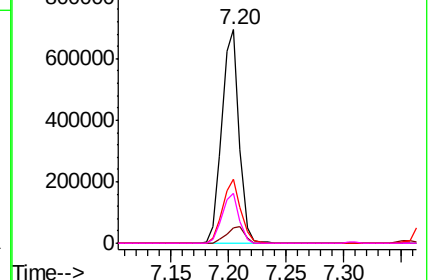
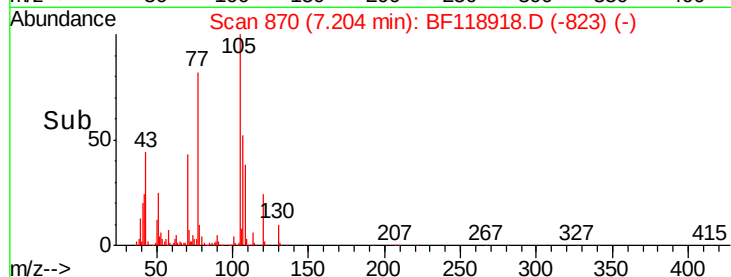


Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.359 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

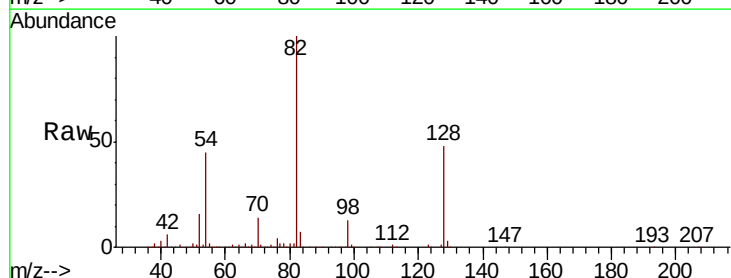
Tgt Ion: 82 Resp: 1119158

Ion Ratio Lower Upper

82 100

128 47.6 38.5 57.7

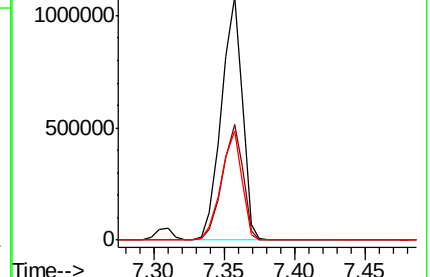
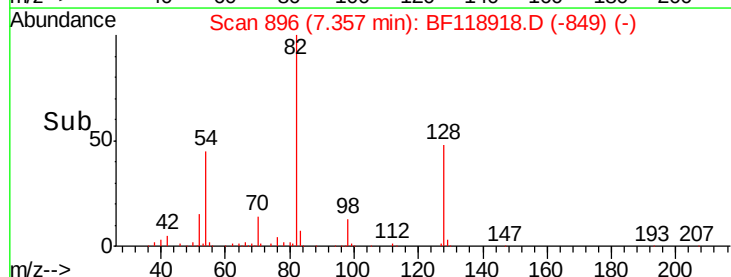
54 45.0 36.7 55.1

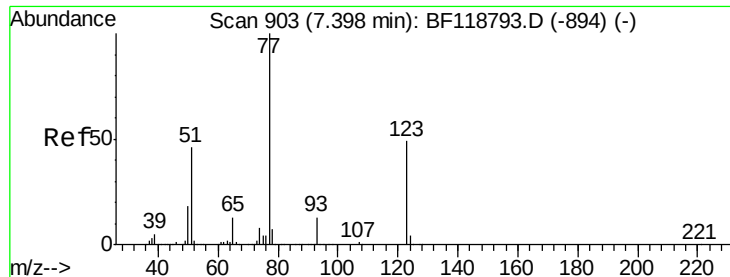


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 39.428 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

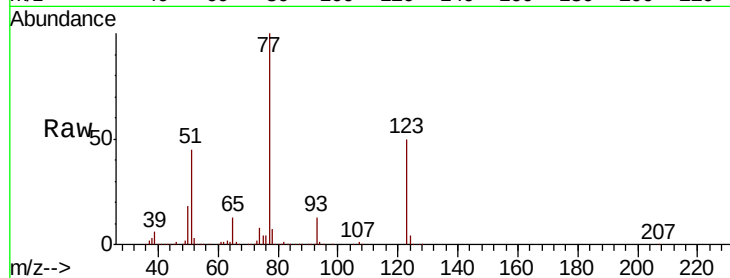
Tot Ion: 77 Resp: 562561

Ion Ratio Lower Upper

77 100

123 49.8 39.0 58.4

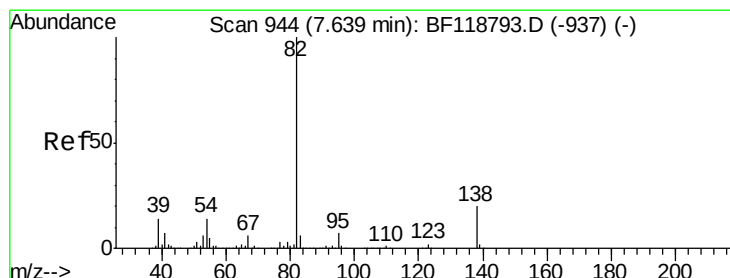
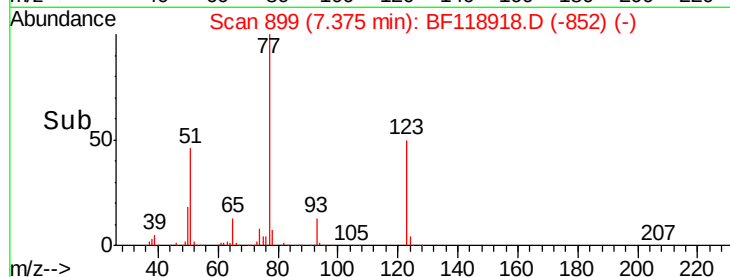
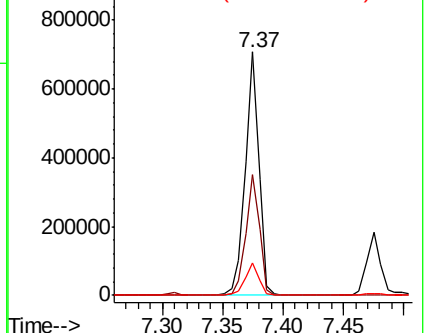
65 13.4 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 40.161 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

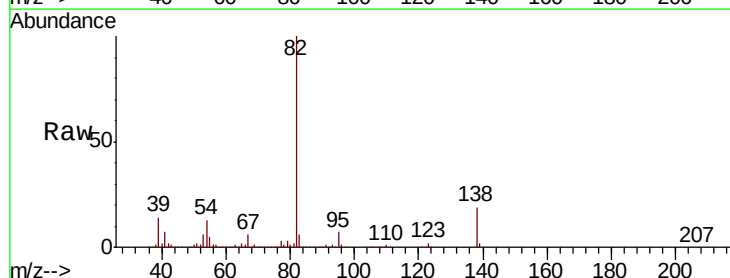
Tgt Ion: 82 Resp: 1030872

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

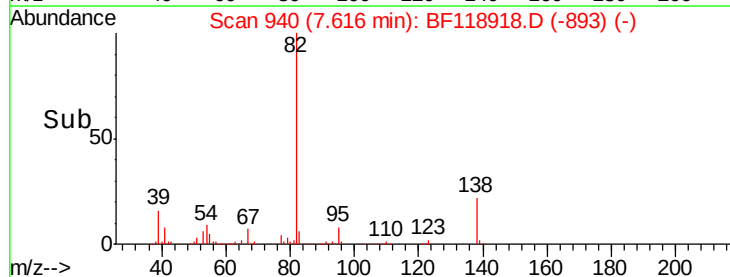
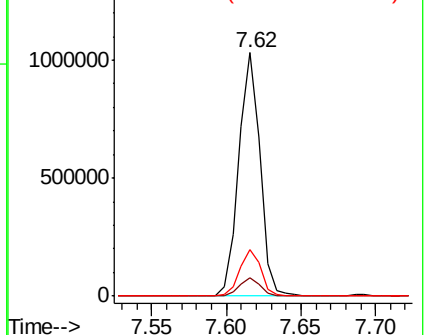
138 19.1 15.7 23.5

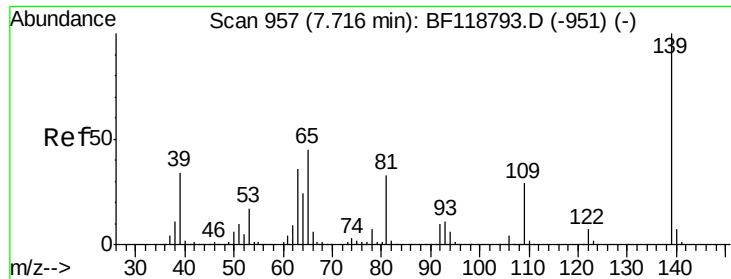


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

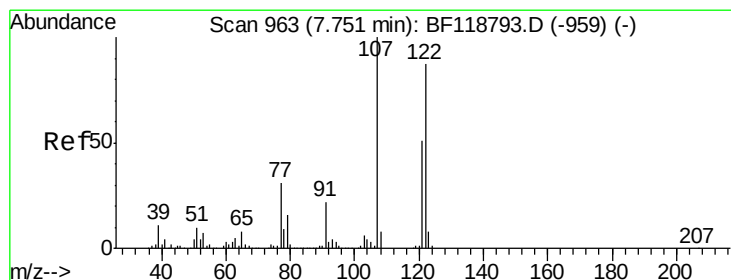
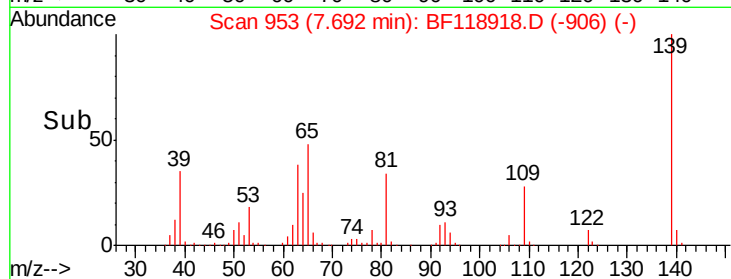
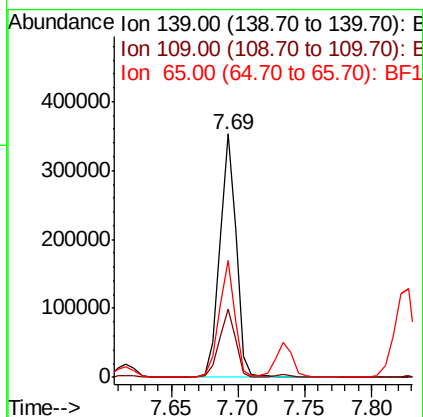
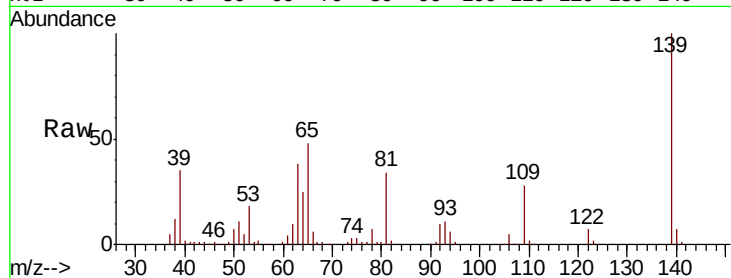




#26
 2-Nitrophenol
 Concen: 40.521 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

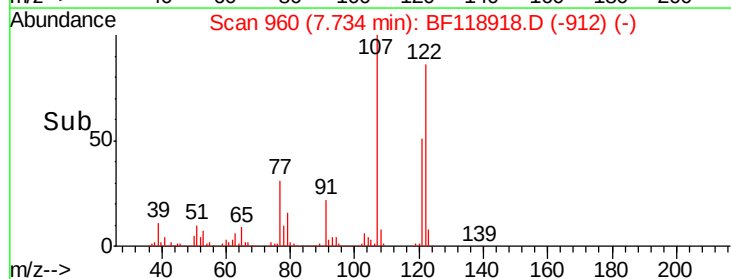
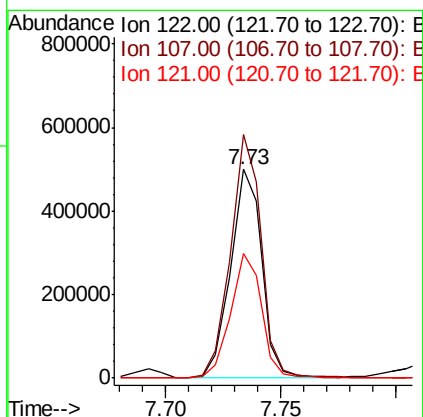
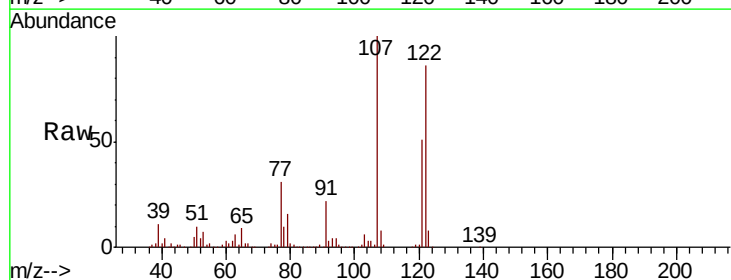
Instrument :
 BNA_F
 ClientSampled :

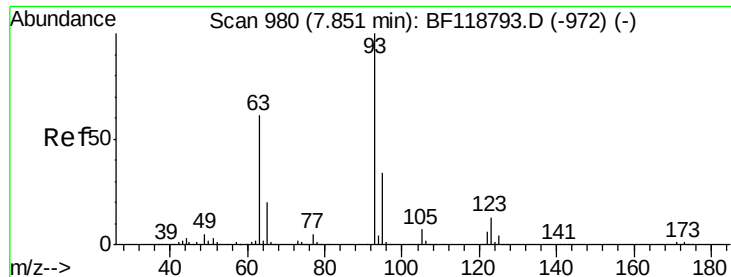
Tot Ion	Ratio	Lower	Upper
139	100		
109	28.1	23.4	35.0
65	48.1	36.2	54.2



#27
 2,4-Dimethylphenol
 Concen: 45.721 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	92.2	138.2
121	59.5	46.8	70.2

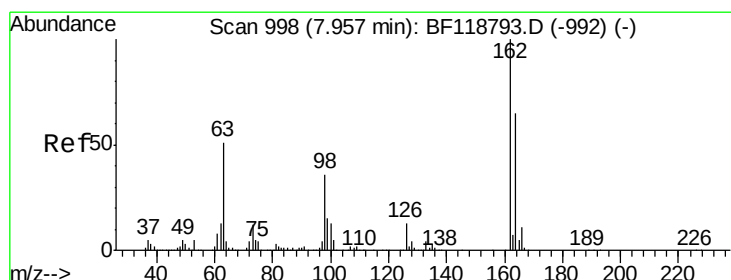
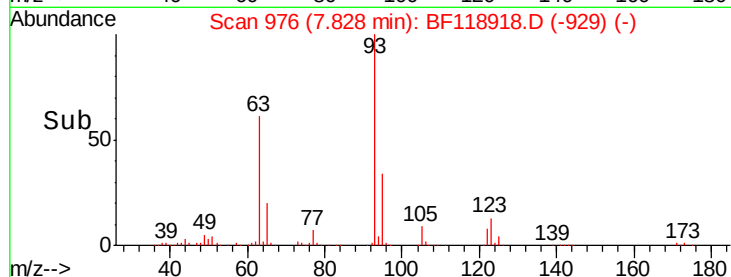
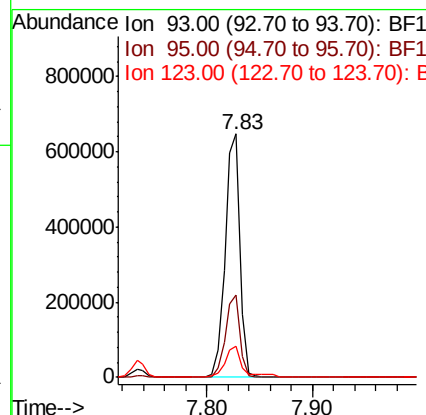
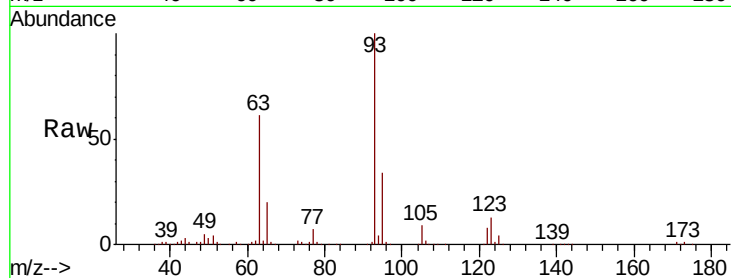




#28
bis(2-Chloroethoxy)methane
Concen: 38.323 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

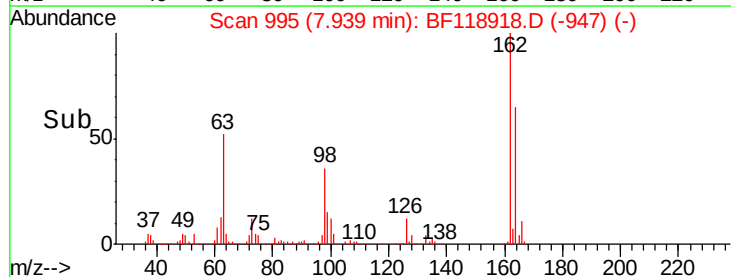
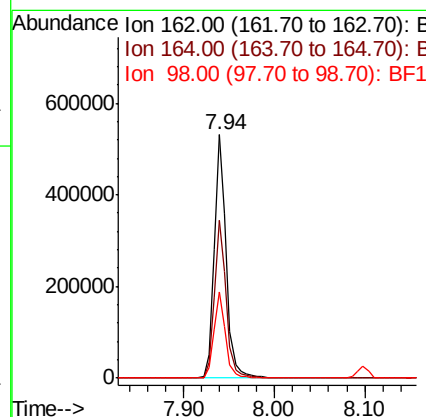
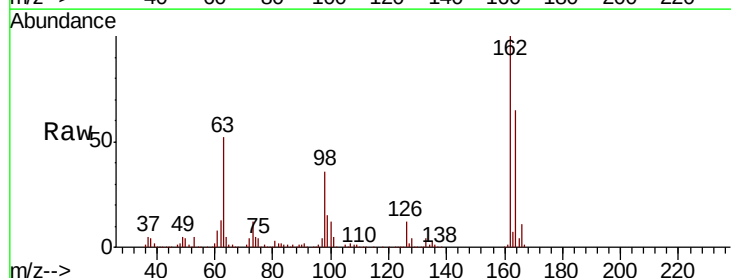
Instrument :
BNA_F
ClientSampleId :

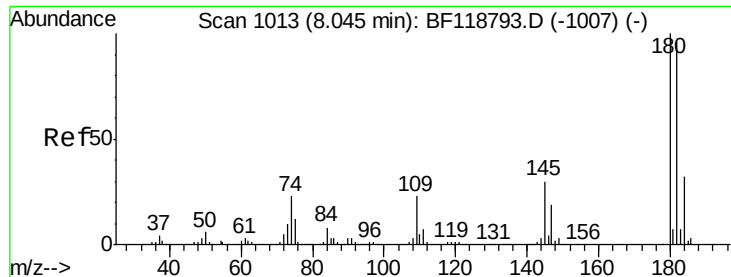
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	12.7	10.6	15.8



#29
2,4-Dichlorophenol
Concen: 40.105 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.8	84.8
98	35.6	16.4	56.4

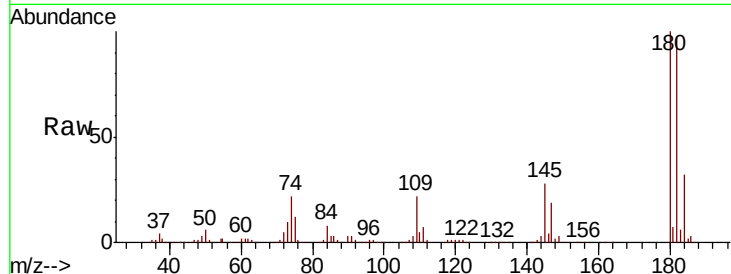




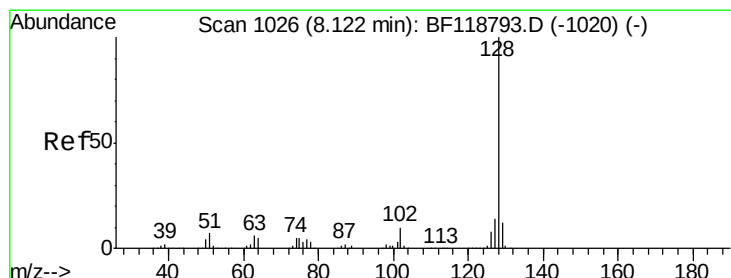
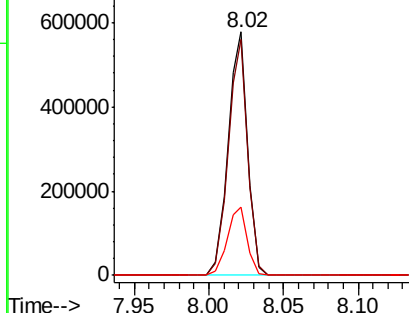
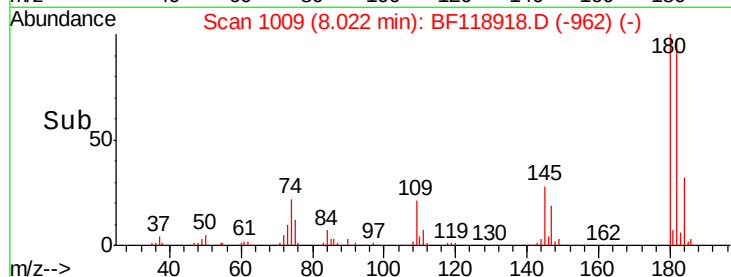
#30
 1,2,4-Trichlorobenzene
 Concen: 37.208 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	115.0
145	28.1	24.0	36.0

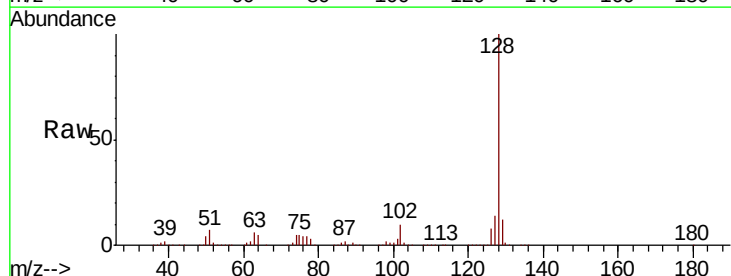


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

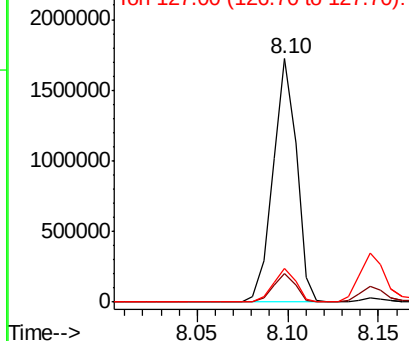
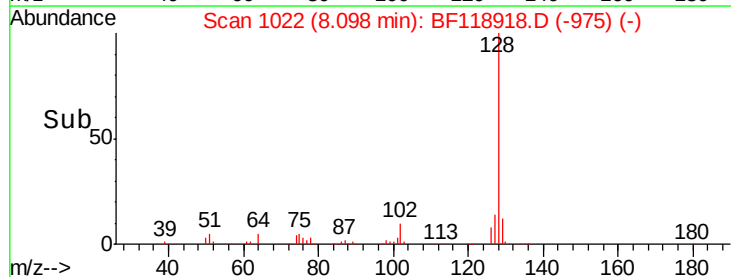


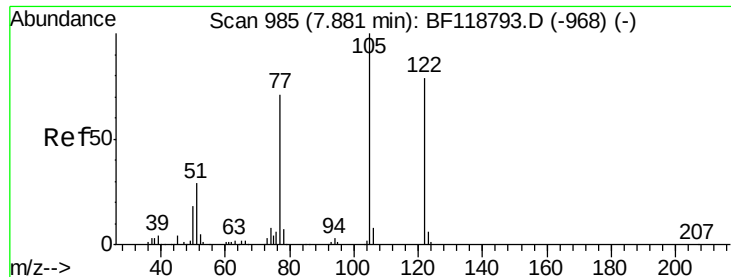
#31
 Naphthalene
 Concen: 39.751 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.7	11.3	16.9



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: 34.253 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

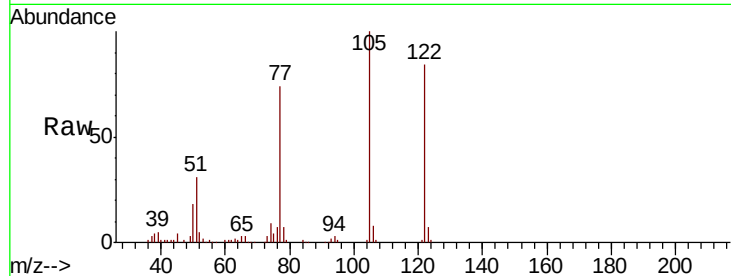
Tot Ion:122 Resp: 292893

Ion Ratio Lower Upper

122 100

105 119.7 104.4 144.4

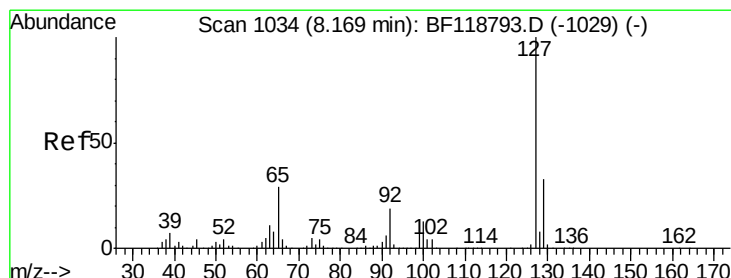
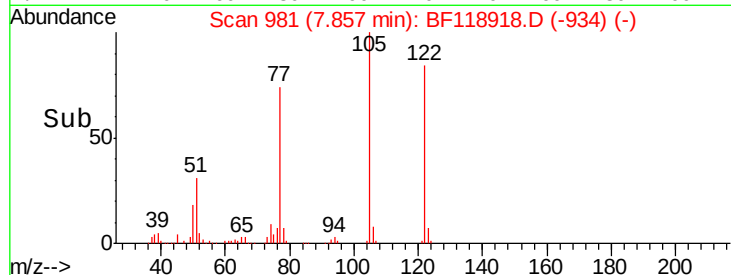
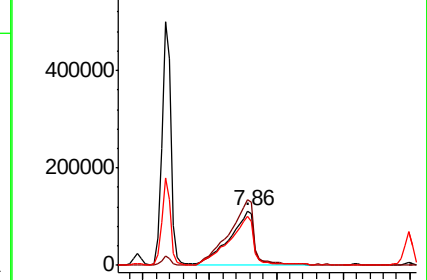
77 88.9 69.3 109.3



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: 21.887 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:127 Resp: 381263

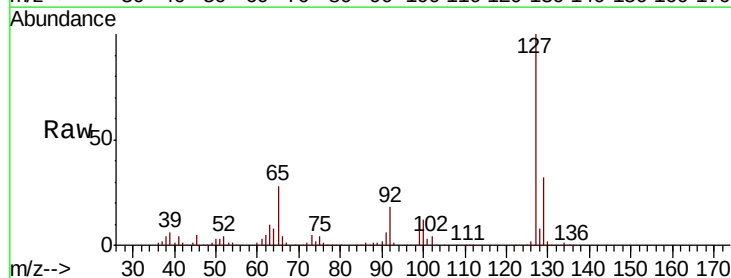
Ion Ratio Lower Upper

127 100

129 31.7 26.7 40.1

65 27.8 22.9 34.3

92 18.4 15.4 23.0

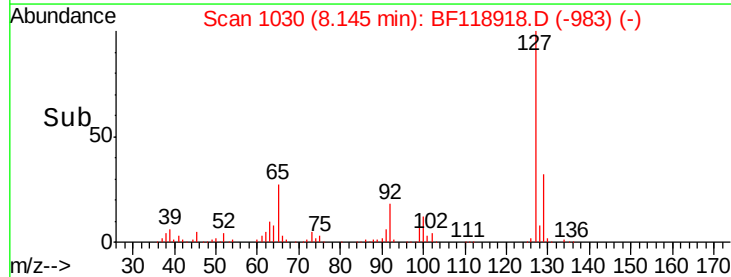
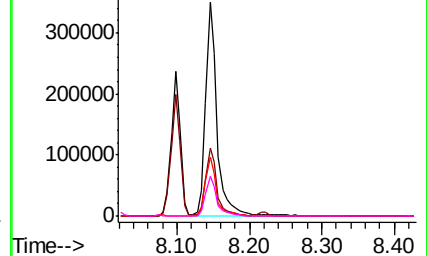


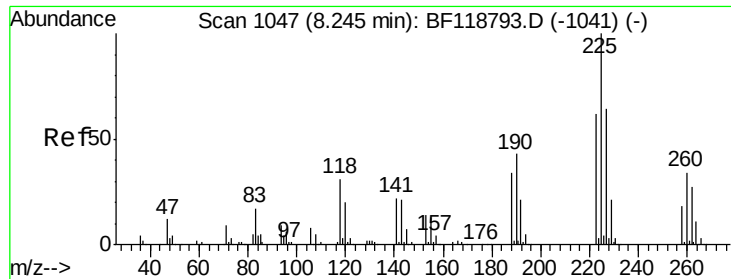
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 34.931 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :

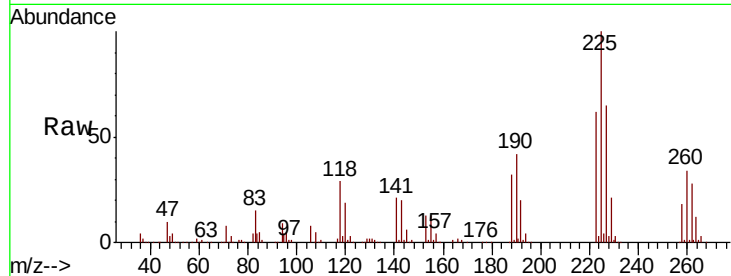
Tot Ion:225 Resp: 309387

Ion Ratio Lower Upper

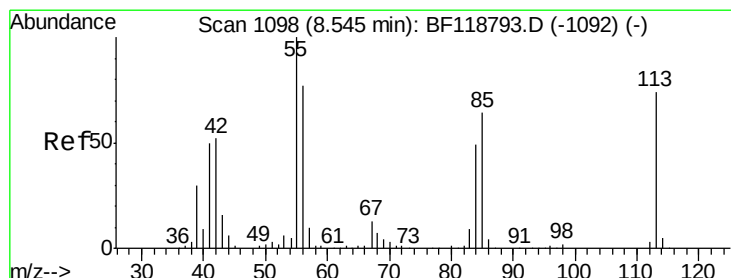
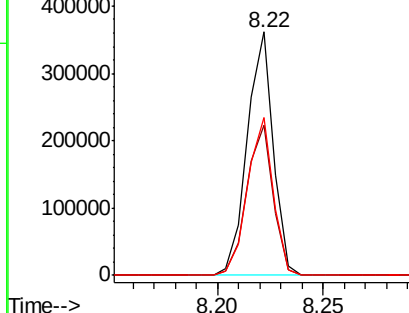
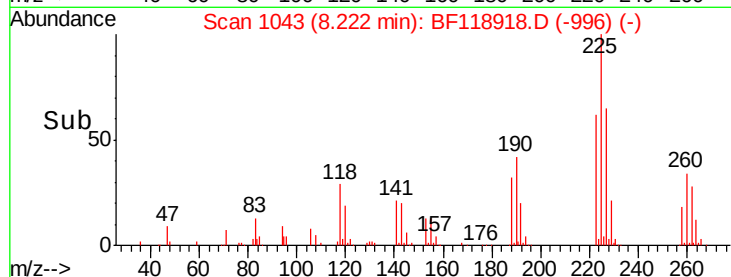
225 100

223 61.9 49.8 74.8

227 65.1 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 18.869 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

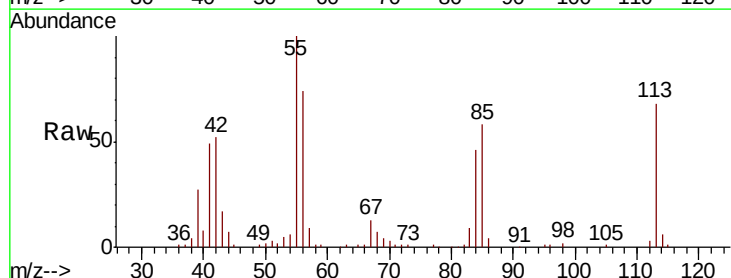
Tgt Ion:113 Resp: 75657

Ion Ratio Lower Upper

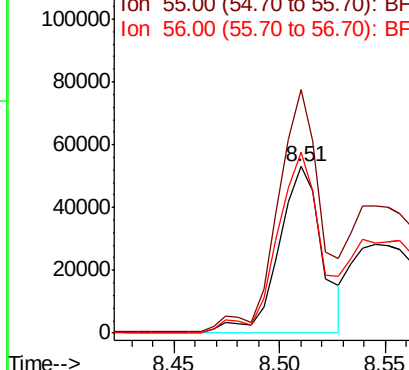
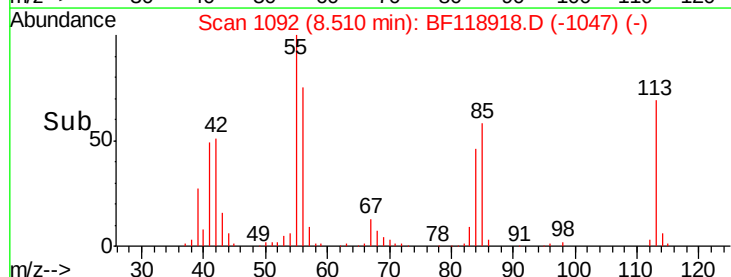
113 100

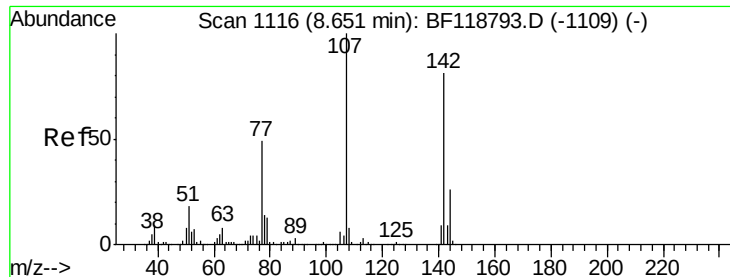
55 146.0 115.5 155.5

56 108.4 83.7 123.7



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

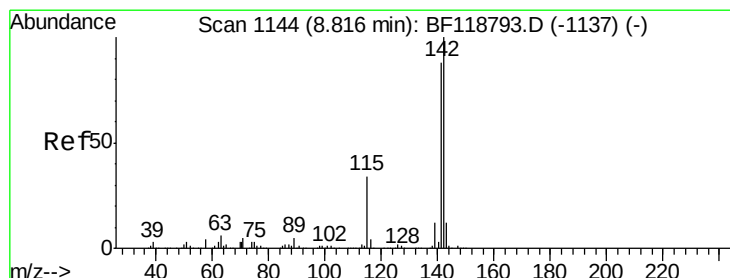
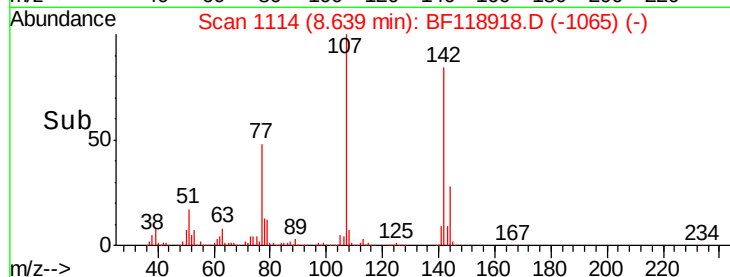
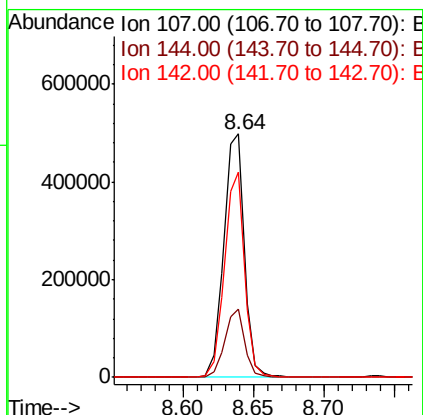
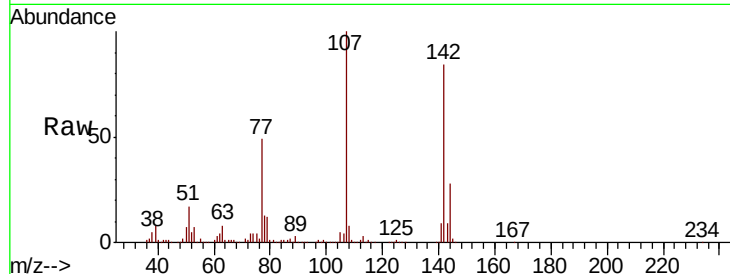




#36
 4-Chloro-3-methylphenol
 Concen: 40.800 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

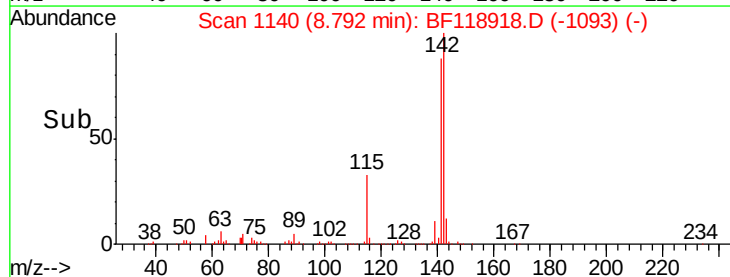
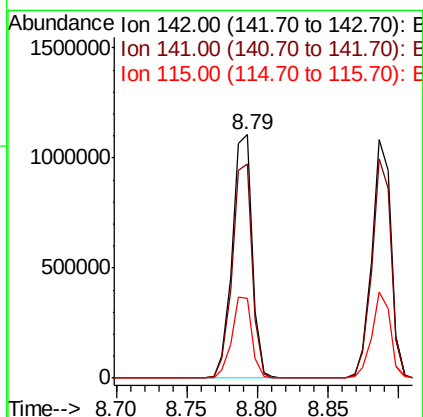
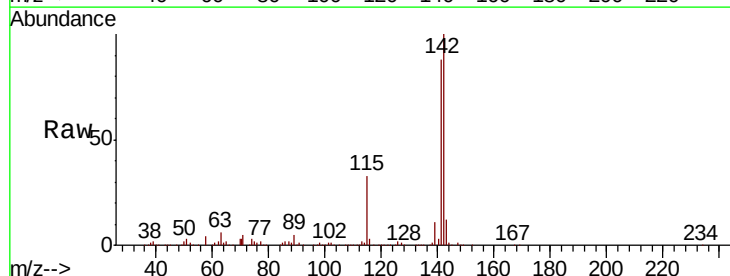
Instrument :
 BNA_F
 ClientSampleId :

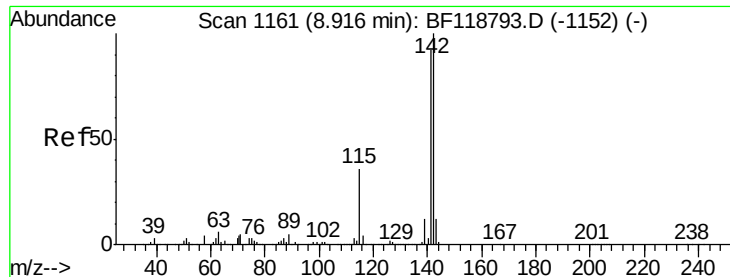
Tot Ion:107 Resp: 507845
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.0 31.6
 142 84.4 64.8 97.2



#37
 2-Methylnaphthalene
 Concen: 40.277 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:142 Resp: 1087618
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.1 105.1
 115 32.7 27.3 40.9

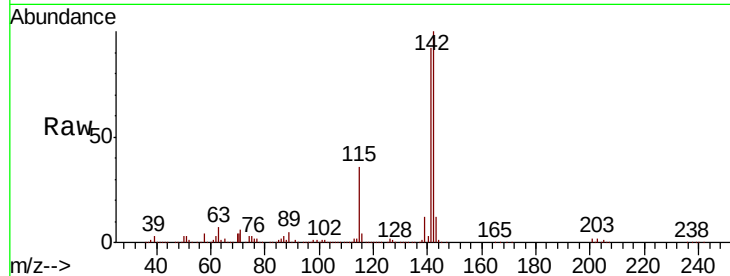




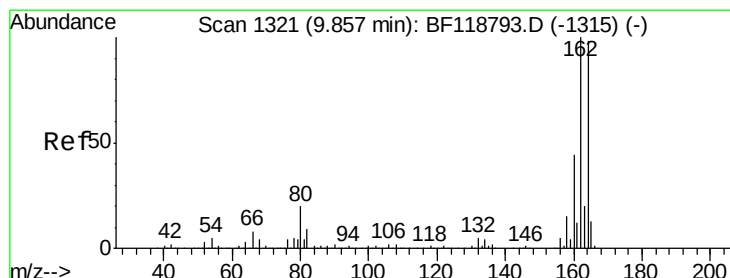
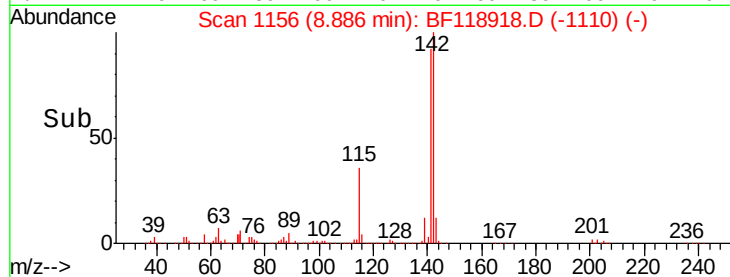
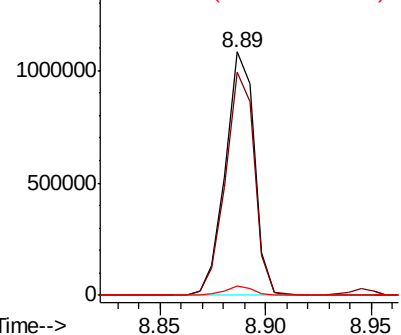
#38
1-Methylnaphthalene
Concen: 40.282 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1023272
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6
116 3.8 3.0 4.4

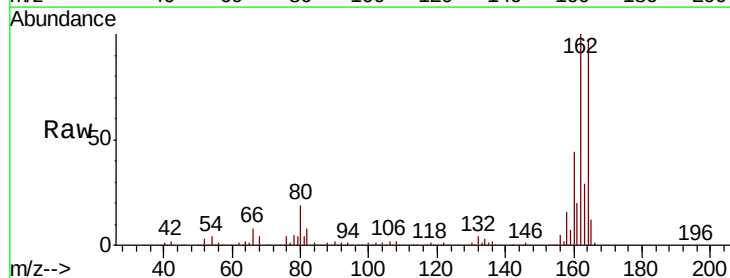


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

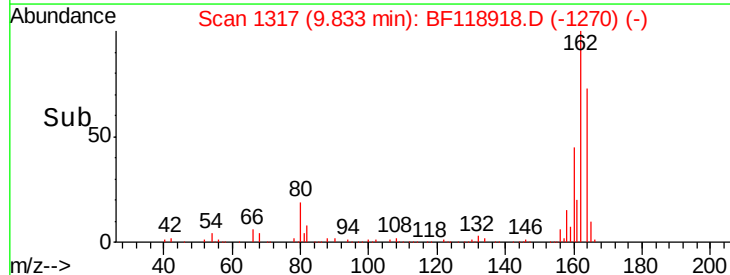
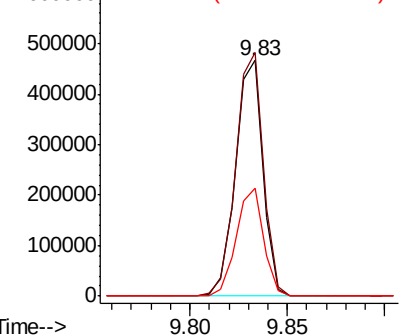


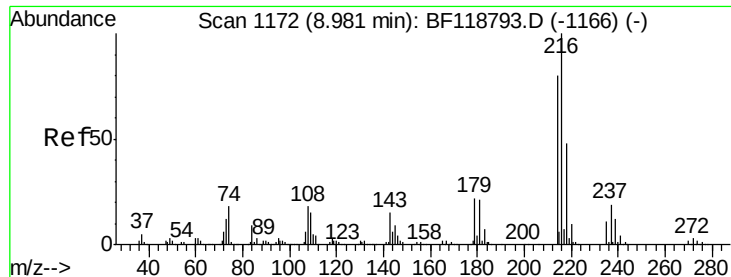
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:164 Resp: 451243
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.2
160 45.9 35.6 53.4



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: 41.370 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 563415

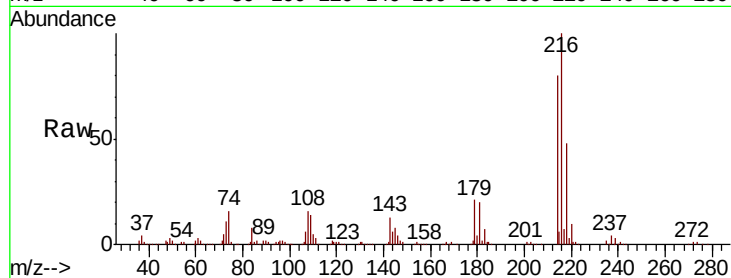
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.5 17.0 25.6

108 16.5 13.5 20.3

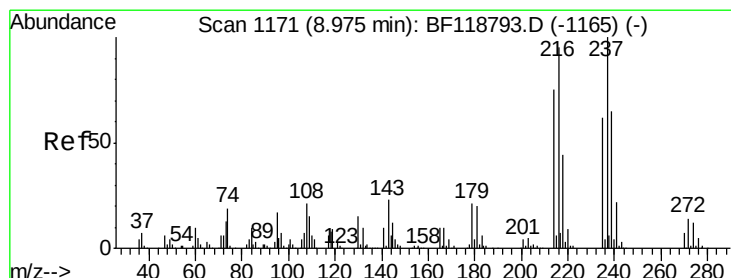
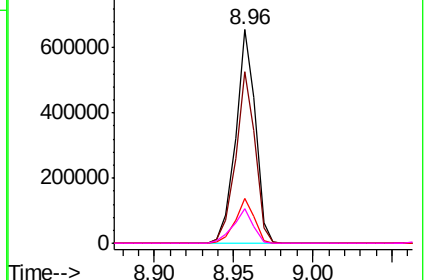
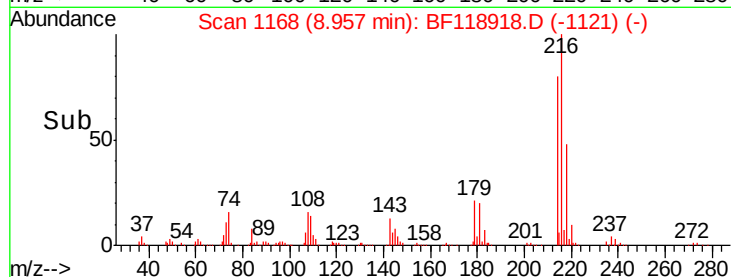


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.451 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

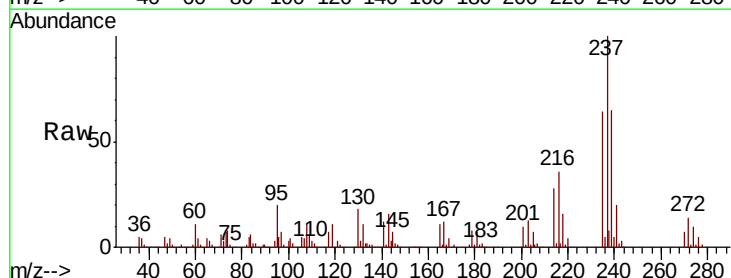
Tgt Ion:237 Resp: 199996

Ion Ratio Lower Upper

237 100

235 63.7 42.1 82.1

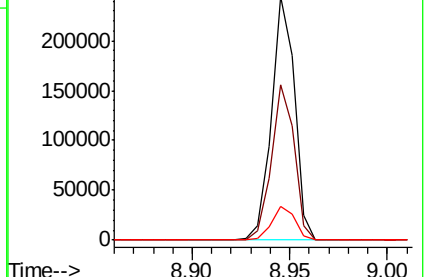
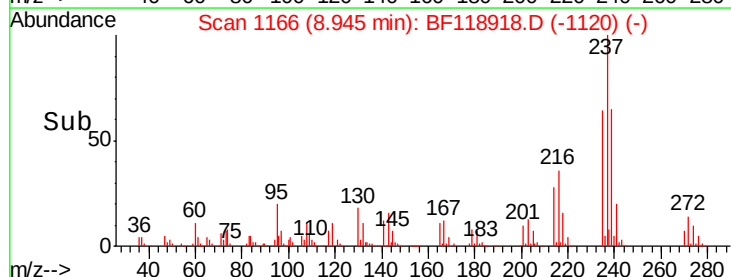
272 13.9 0.0 34.4

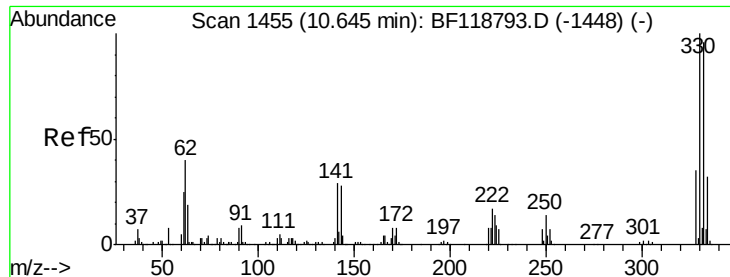


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

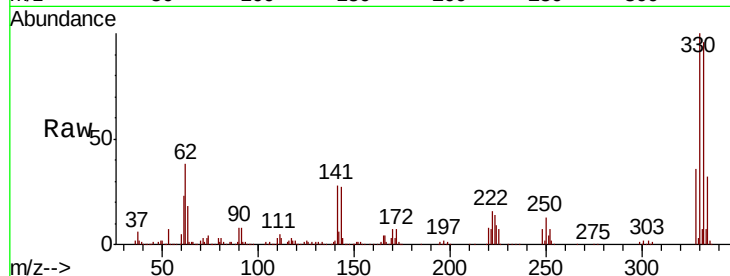




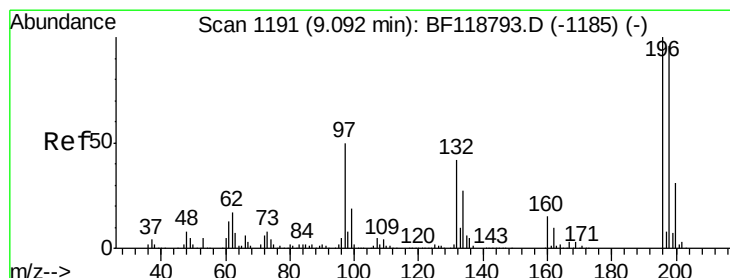
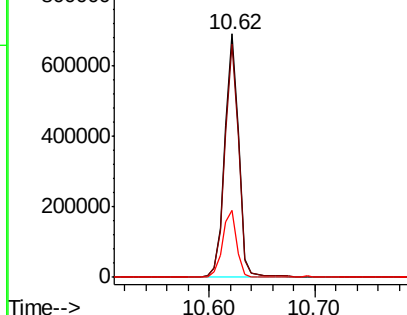
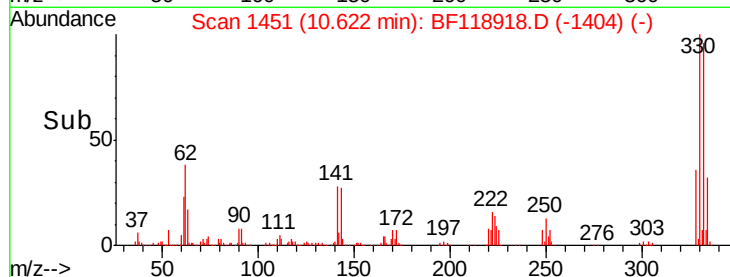
#42
 2,4,6-Tribromophenol
 Concen: 118.249 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	28.4	22.4	33.6

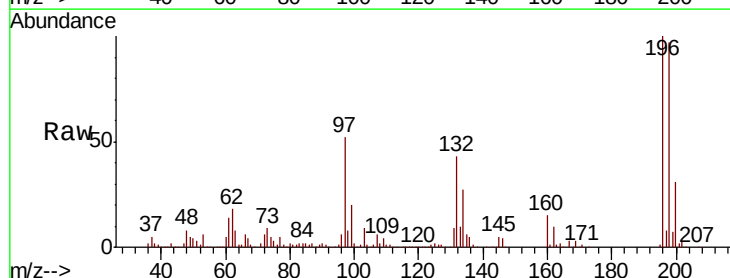


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

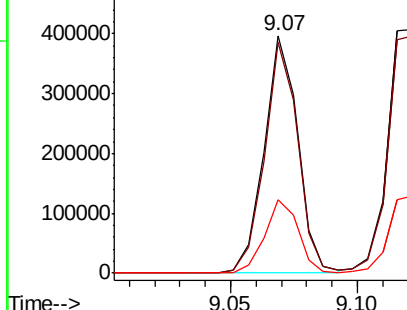
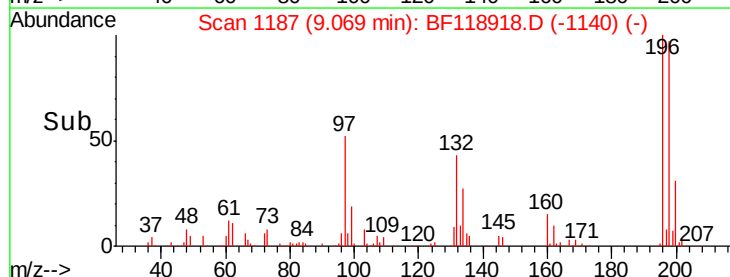


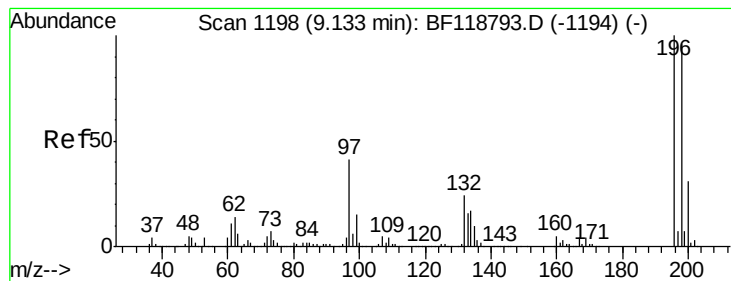
#43
 2,4,6-Trichlorophenol
 Concen: 40.222 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.7	115.1
200	30.8	24.9	37.3



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

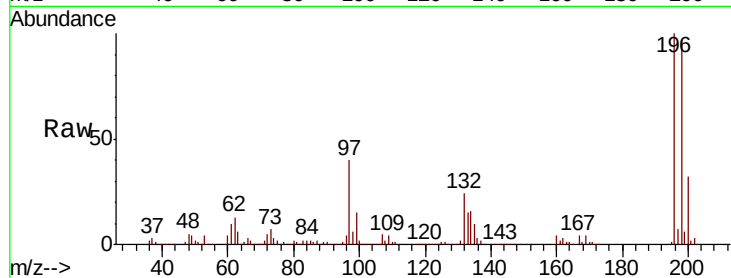




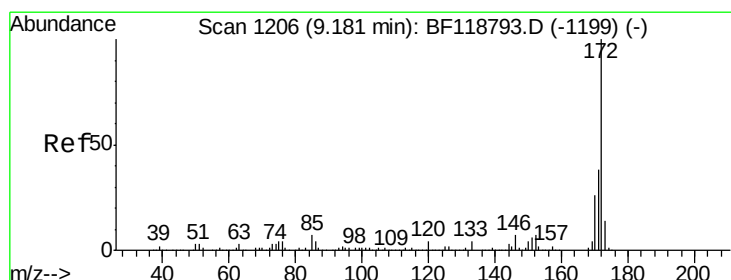
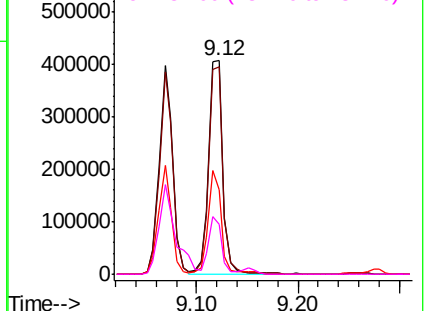
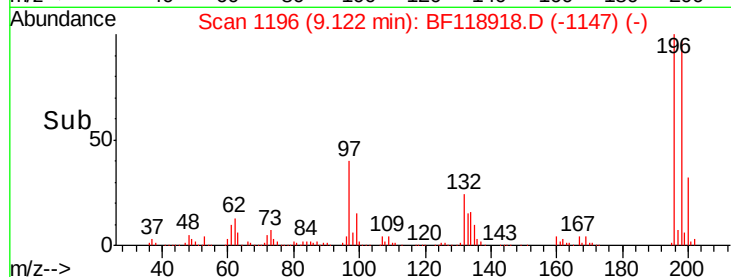
#44
 2,4,5-Trichlorophenol
 Concen: 42.419 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	394722
Ion Ratio	Lower	Upper
196	100	
198	97.3	77.0 115.4
97	39.8	32.9 49.3
132	23.5	19.9 29.9

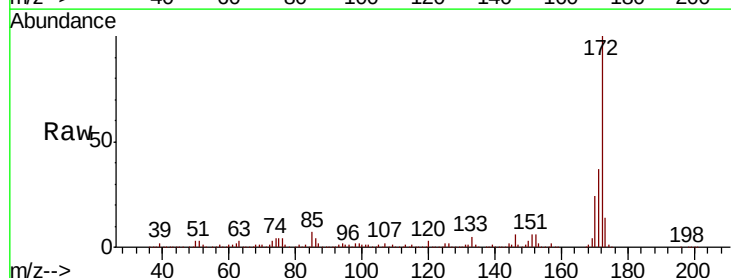


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

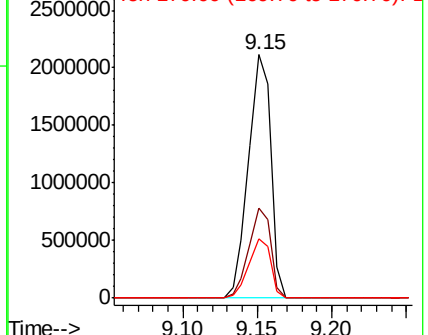
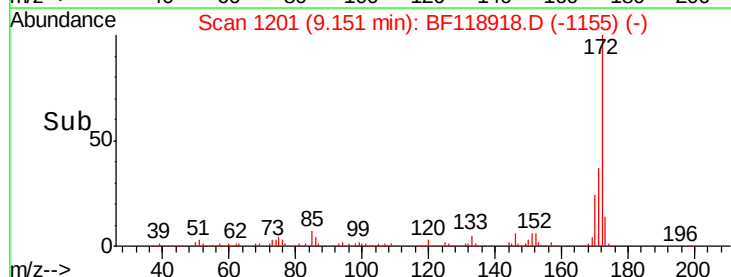


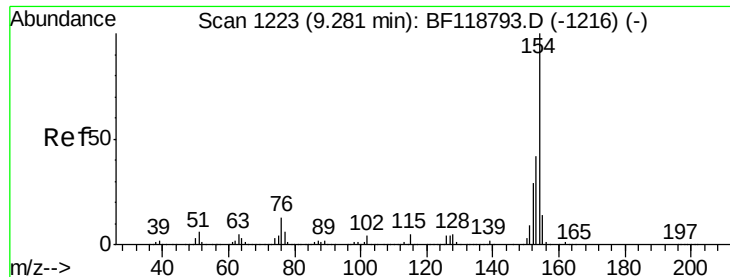
#45
 2-Fluorobiphenyl
 Concen: 86.638 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:172	Resp:	2186892
Ion Ratio	Lower	Upper
172	100	
171	37.0	30.8 46.2
170	24.4	20.5 30.7



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

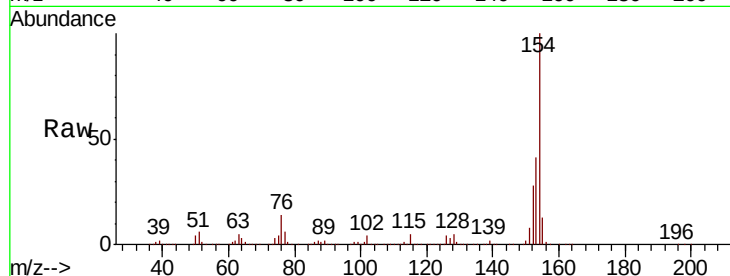




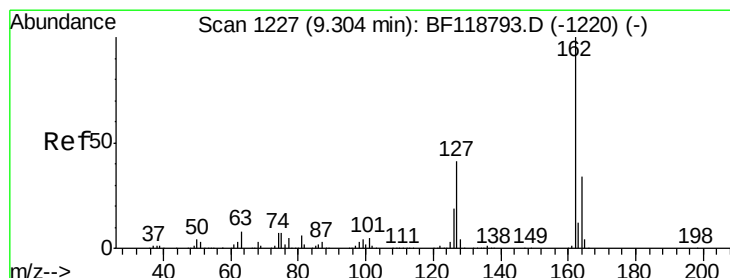
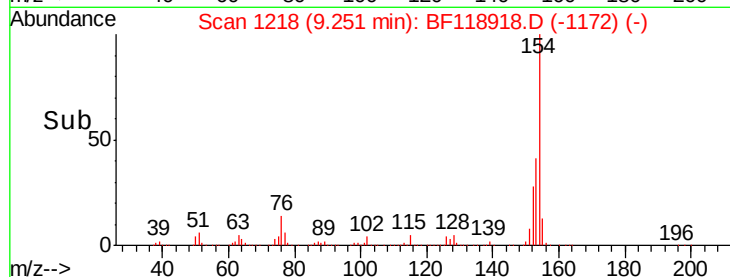
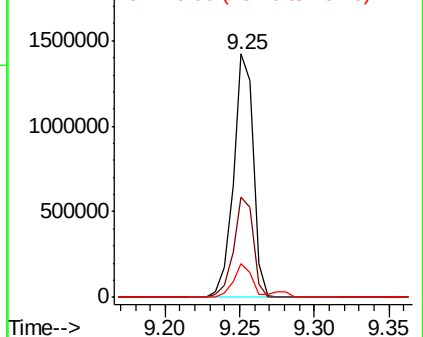
#46
 1,1'-Biphenyl
 Concen: 42.650 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1331283
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.4 62.4
 76 13.8 0.0 32.7

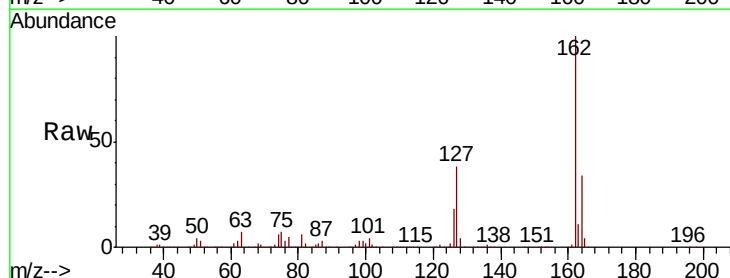


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

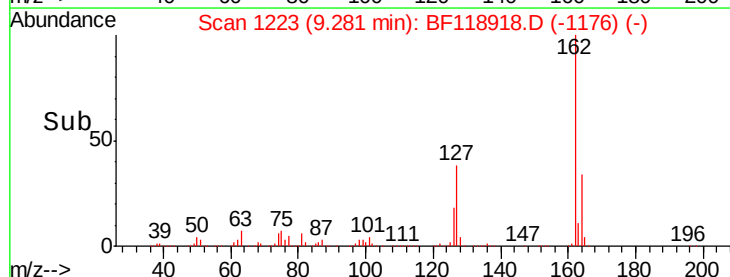
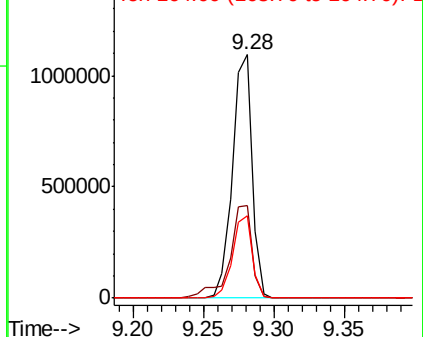


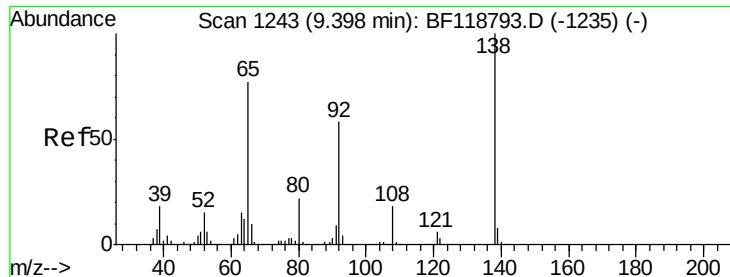
#47
 2-Chloronaphthalene
 Concen: 40.908 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:162 Resp: 1061540
 Ion Ratio Lower Upper
 162 100
 127 37.8 33.3 49.9
 164 33.9 27.1 40.7



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





#48

2-Nitroaniline

Concen: 42.029 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

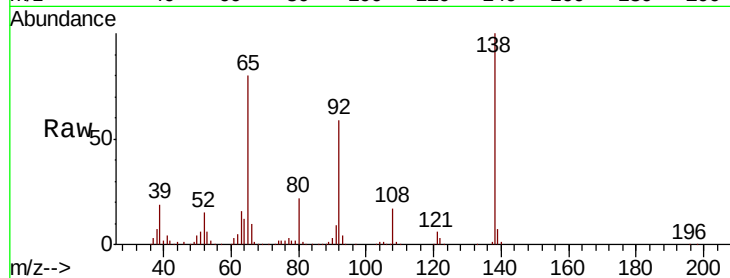
Tot Ion: 65 Resp: 314563

Ion Ratio Lower Upper

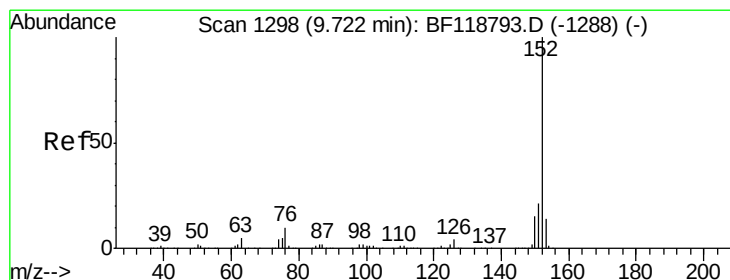
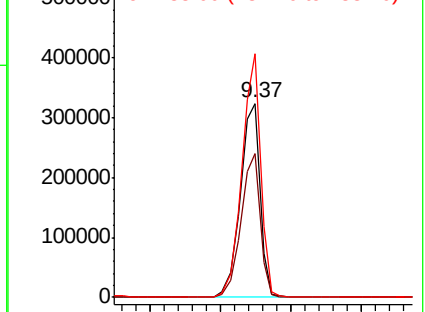
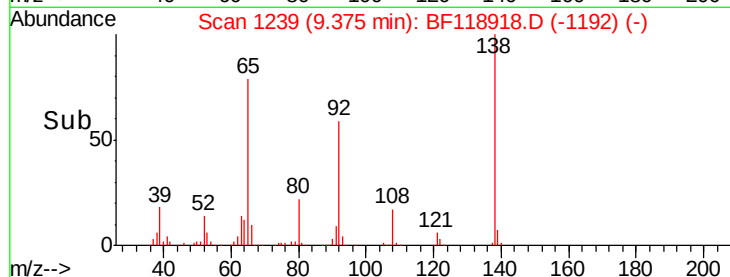
65 100

92 73.9 60.6 91.0

138 125.6 104.6 156.8



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): BF1



#49

Acenaphthylene

Concen: 43.728 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

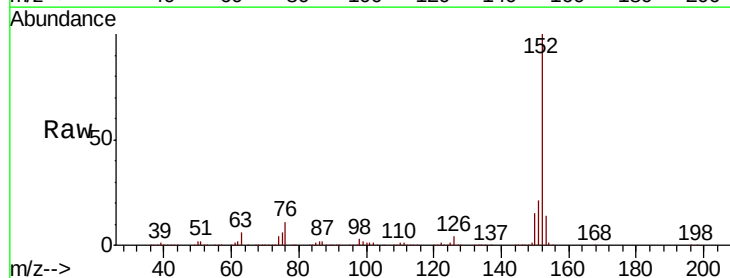
Tgt Ion: 152 Resp: 1638390

Ion Ratio Lower Upper

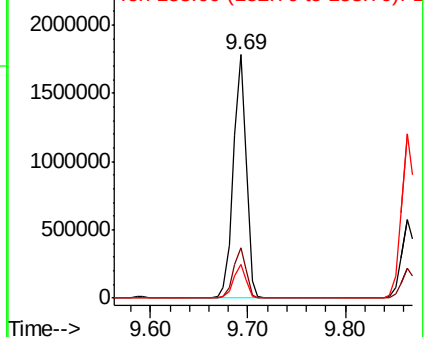
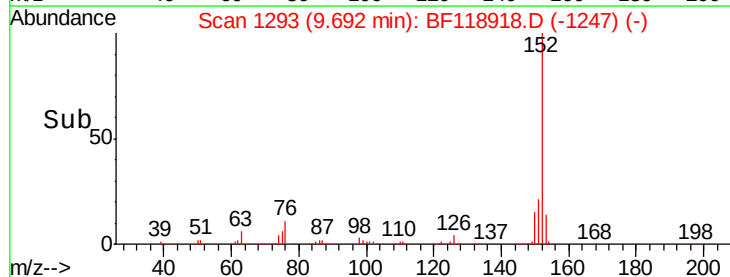
152 100

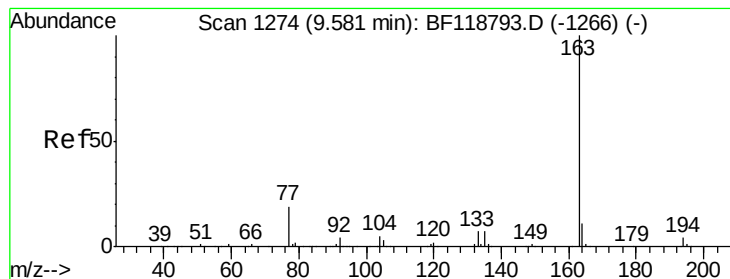
151 20.7 17.1 25.7

153 13.7 11.0 16.4



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: 42.099 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

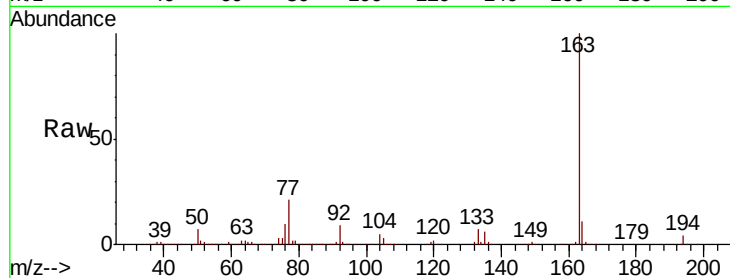
Tot Ion:163 Resp: 1293518

Ion Ratio Lower Upper

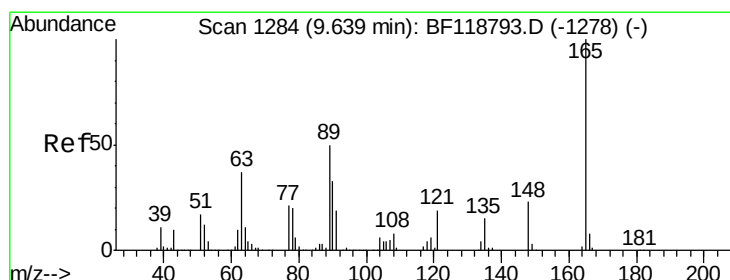
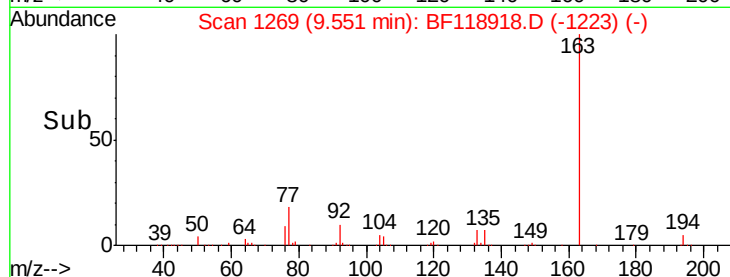
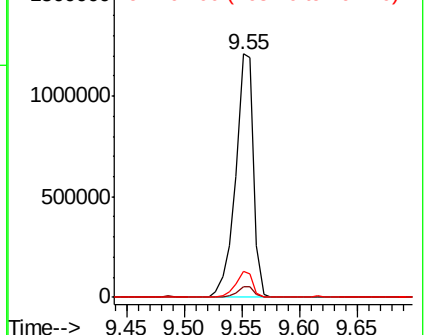
163 100

194 4.4 3.6 5.4

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 43.101 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

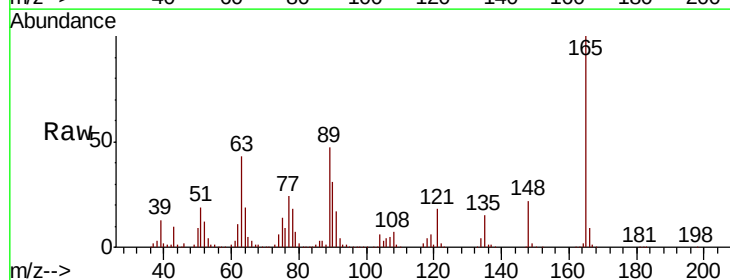
Tgt Ion:165 Resp: 303012

Ion Ratio Lower Upper

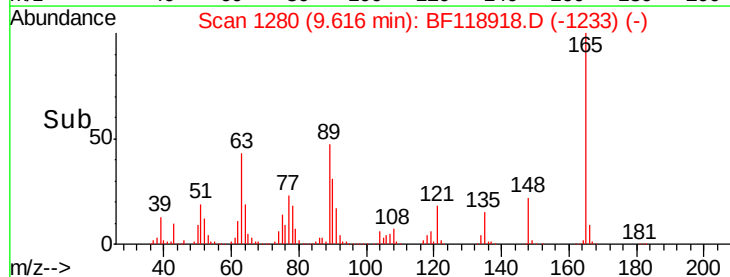
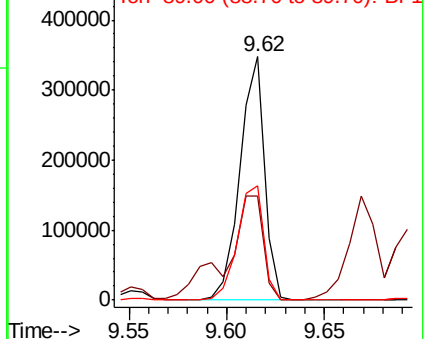
165 100

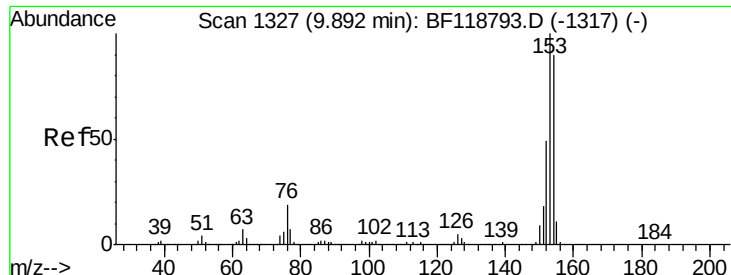
63 42.5 37.4 56.0

89 46.9 39.7 59.5



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





#52

Acenaphthene

Concen: 38.931 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

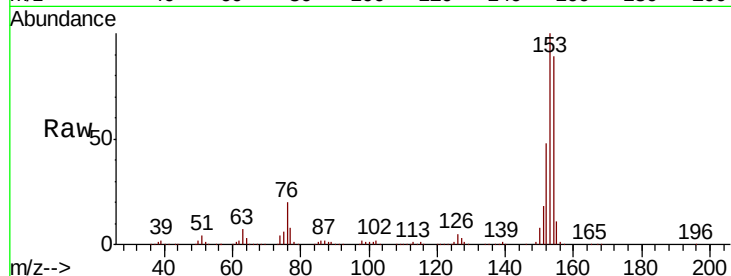
Tot Ion:154 Resp: 961196

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.0

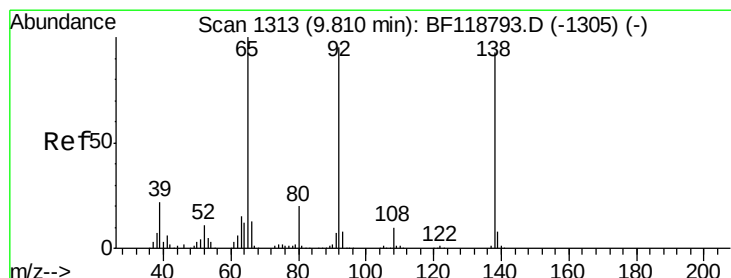
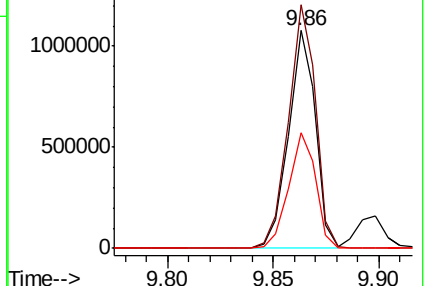
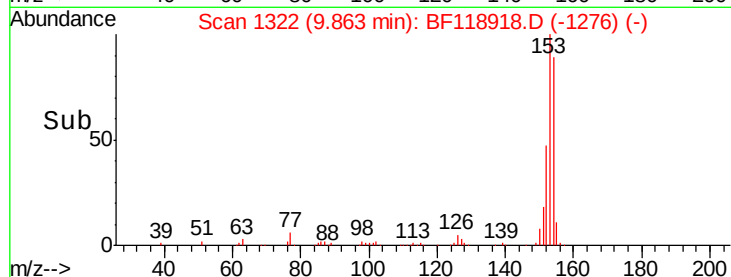
152 53.2 43.6 65.4



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: 29.311 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

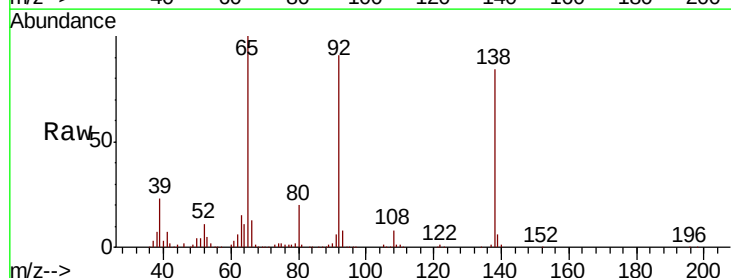
Tgt Ion:138 Resp: 228529

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

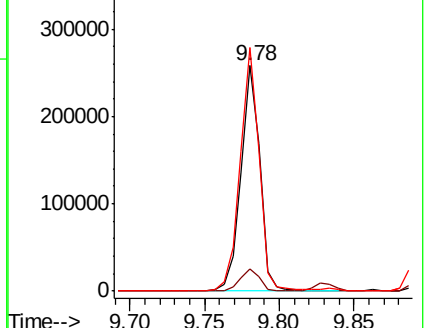
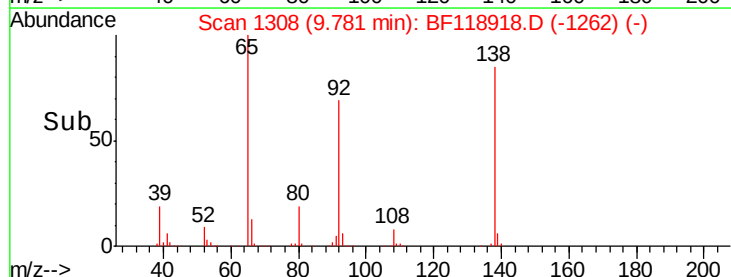
92 107.9 82.2 123.4

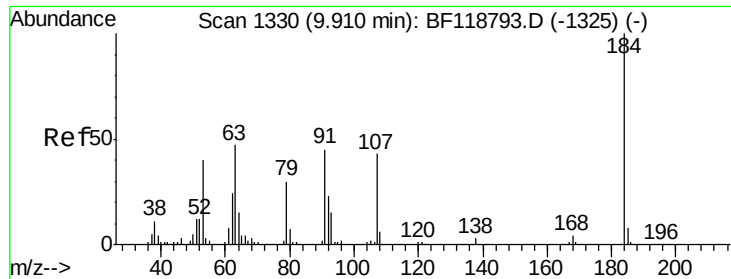


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

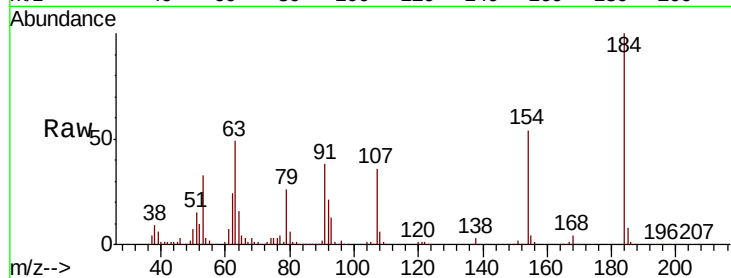




#54
2,4-Dinitrophenol
Concen: 83.888 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.7	47.5	71.3
154	54.4	48.6	72.8

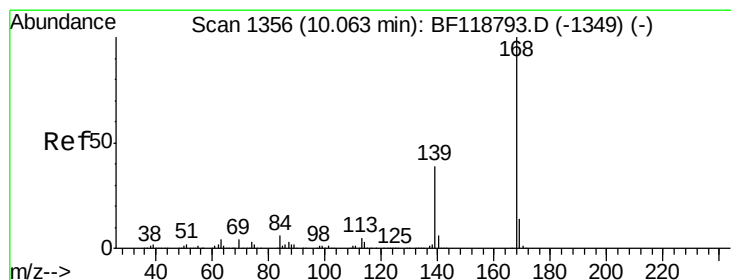
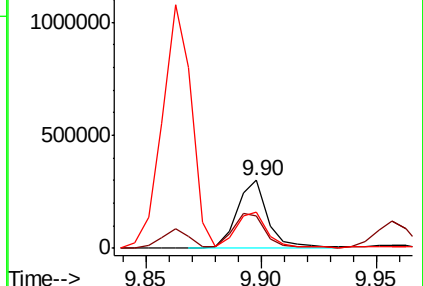
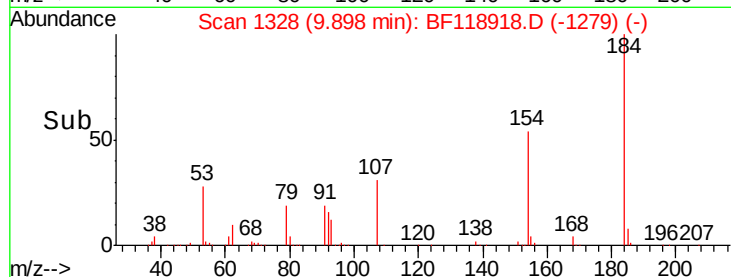


Abundance

Ion 184.00 (183.70 to 184.70): E

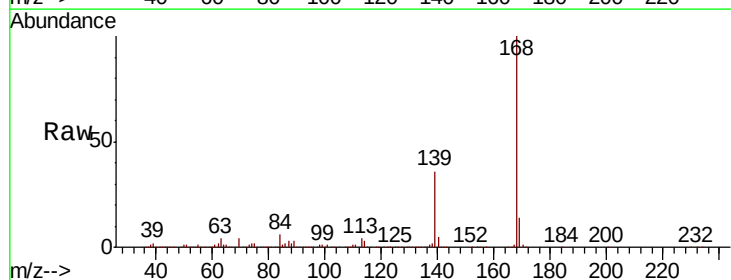
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 42.484 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.6	47.4
169	13.5	11.4	17.2

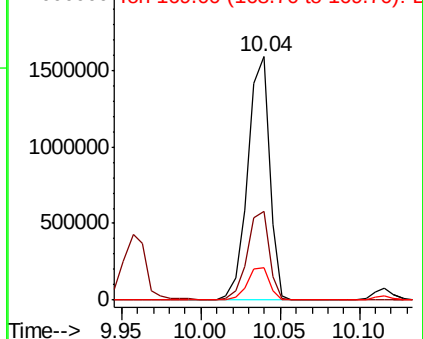
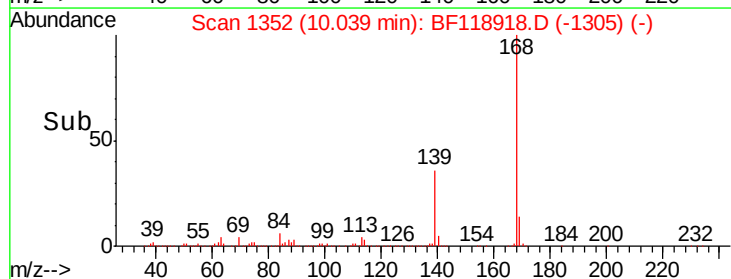


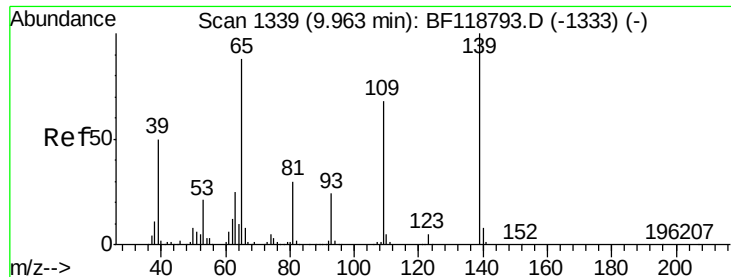
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

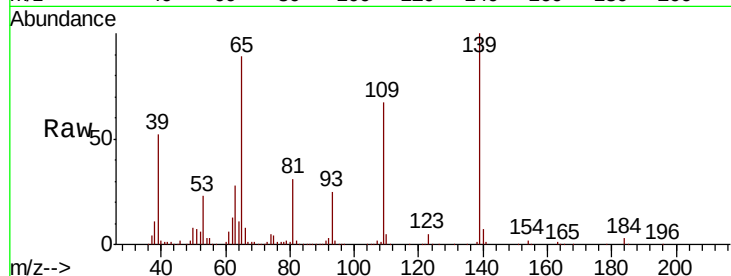




#56
4-Nitrophenol
Concen: 79.519 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.0	88.0
65	89.2	68.3	108.3

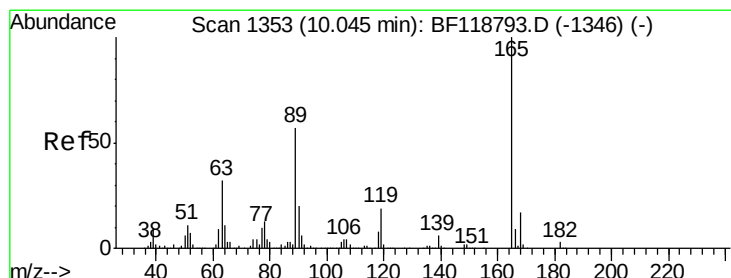
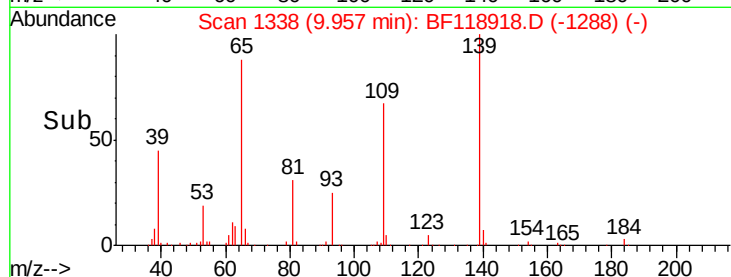
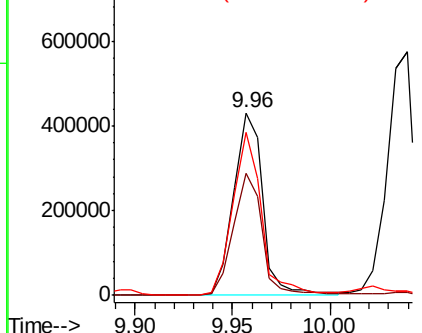


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 44.144 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	25.5	38.3
89	62.8	45.4	68.0
182	2.9	2.4	3.6

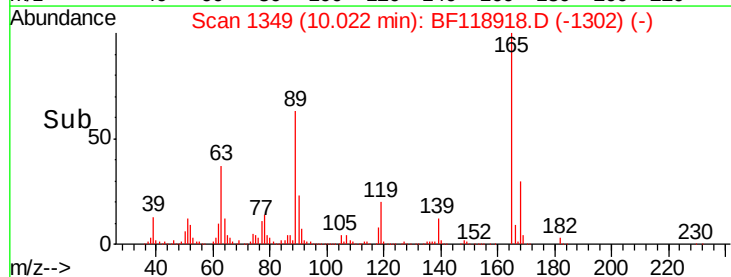
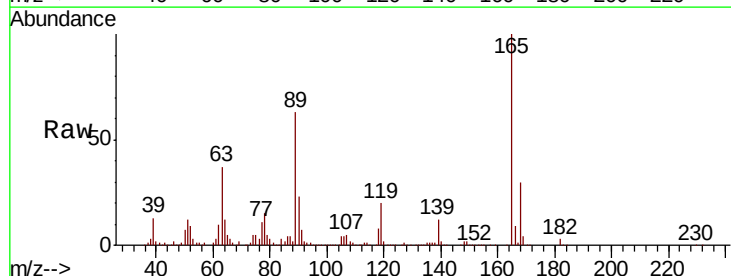
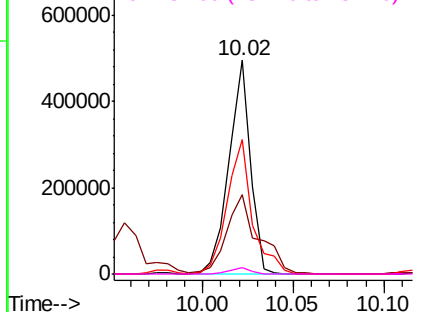
Abundance

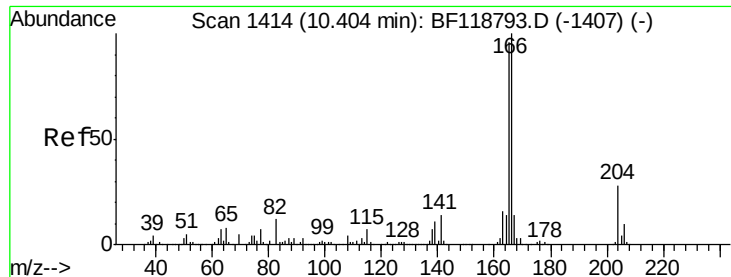
Ion 165.00 (164.70 to 165.70): E

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

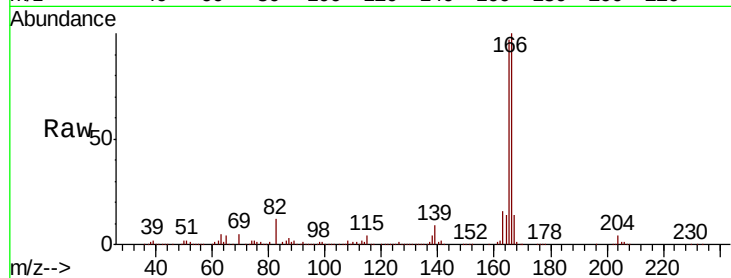




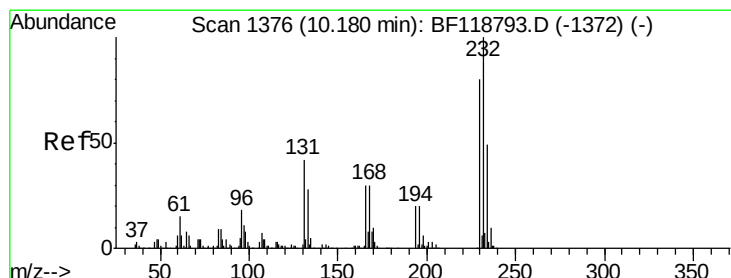
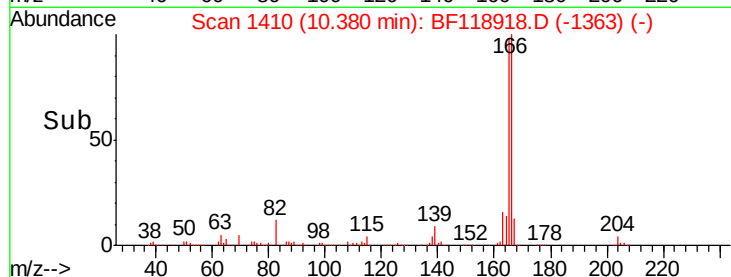
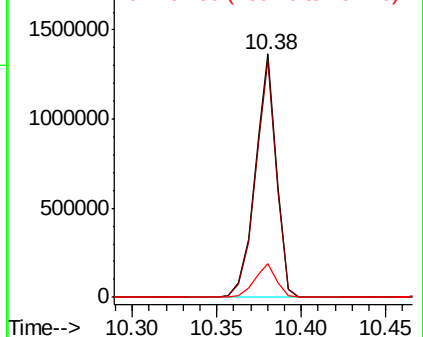
#58
Fluorene
Concen: 44.115 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 1184189
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.6
167 13.7 11.1 16.7

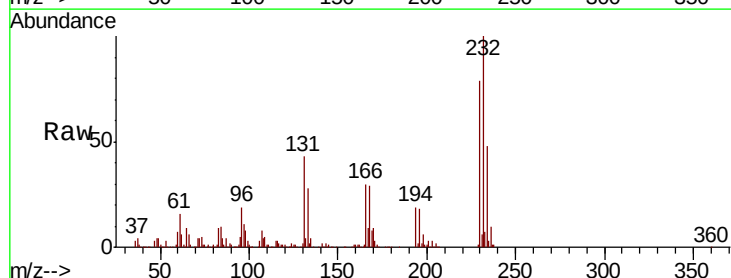


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

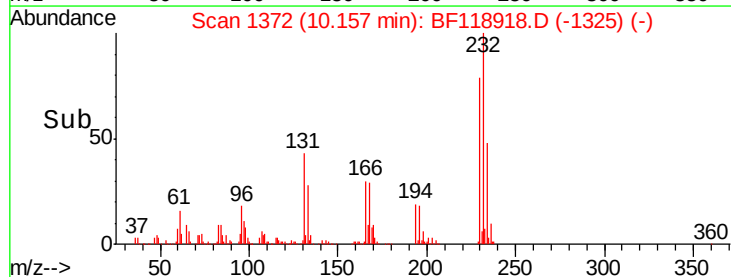
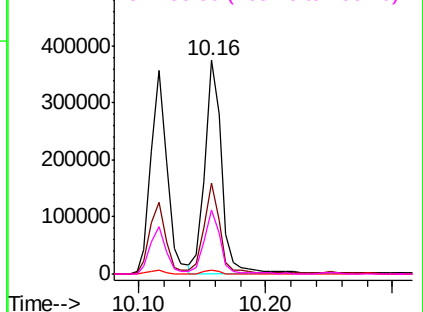


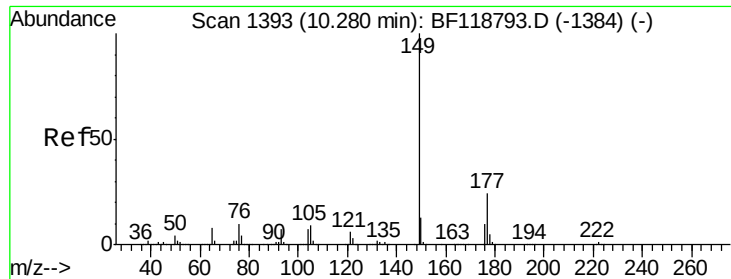
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.236 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:232 Resp: 343235
Ion Ratio Lower Upper
232 100
131 39.8 31.8 47.6
130 2.0 1.6 2.4
166 28.0 23.1 34.7



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

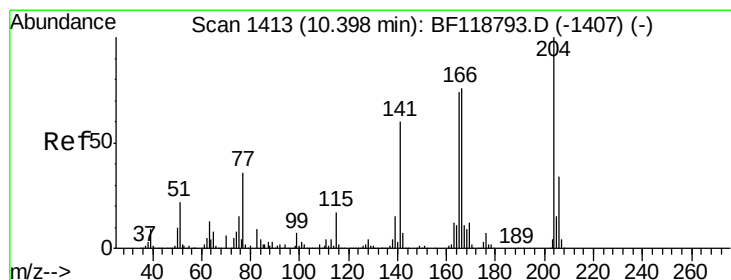
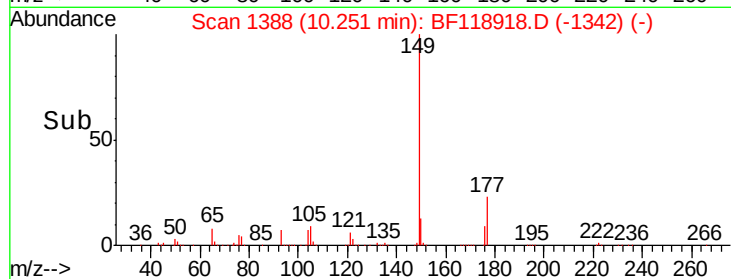
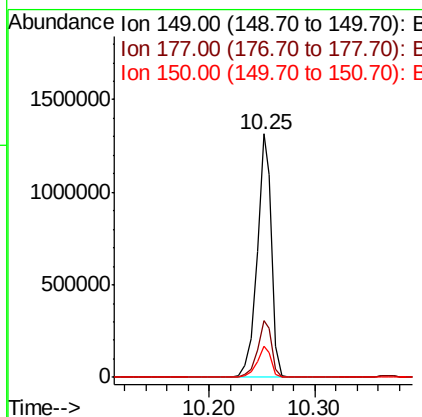
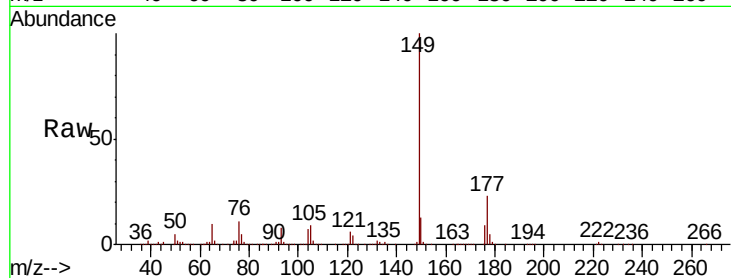




#60
Diethylphthalate
Concen: 42.143 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

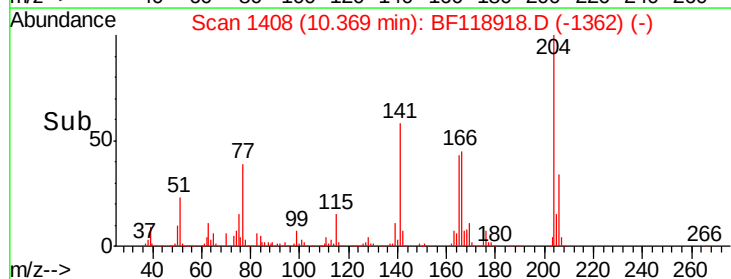
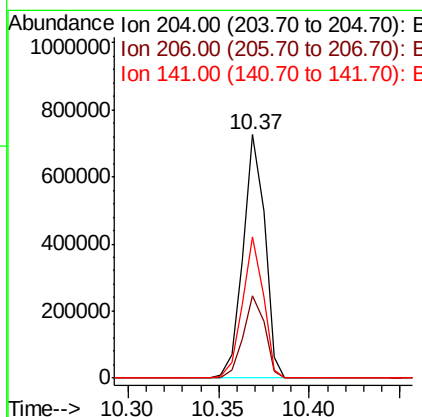
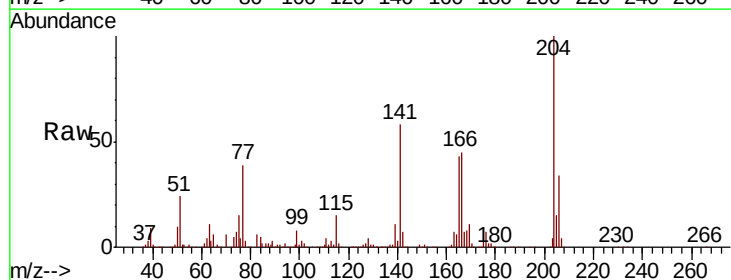
Instrument :
BNA_F
ClientSampleId :

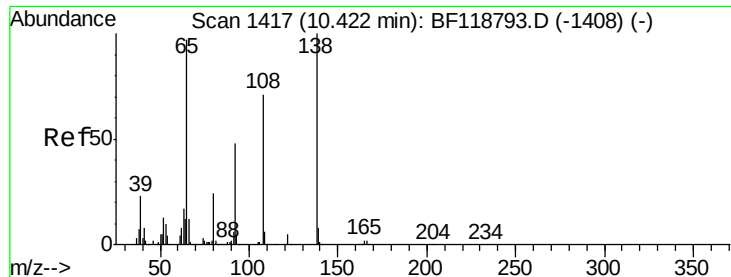
Tot Ion:149 Resp: 1259085
Ion Ratio Lower Upper
149 100
177 23.5 19.3 28.9
150 13.0 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 41.682 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:204 Resp: 606794
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 58.1 47.8 71.6





#62

4-Nitroaniline

Concen: 40.103 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

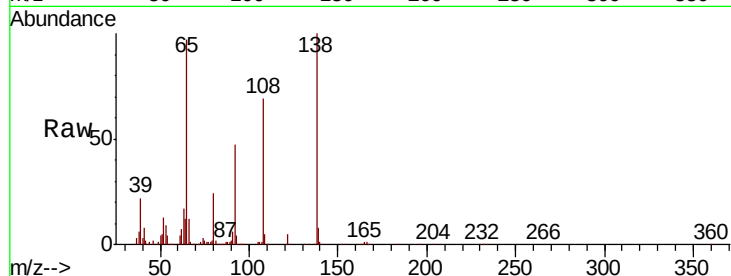
Tot Ion:138 Resp: 313117

Ion Ratio Lower Upper

138 100

92 47.1 27.6 67.6

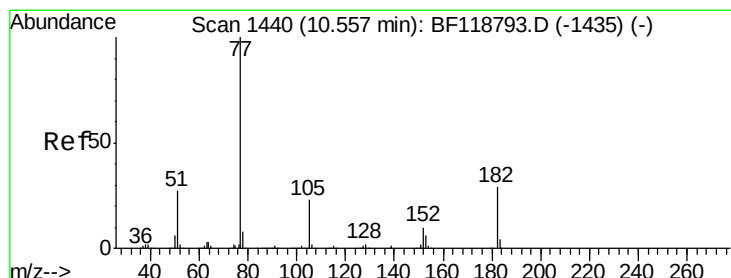
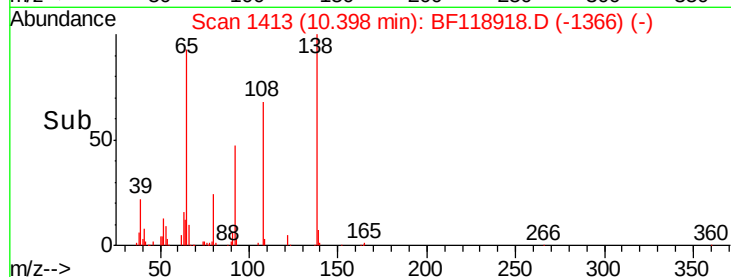
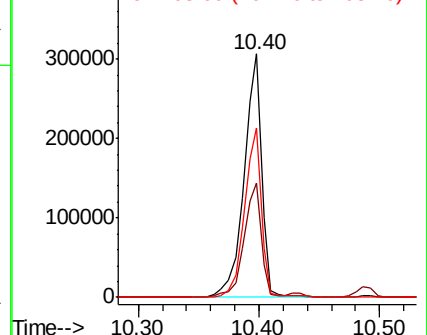
108 69.5 51.3 91.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 44.475 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion: 77 Resp: 1134410

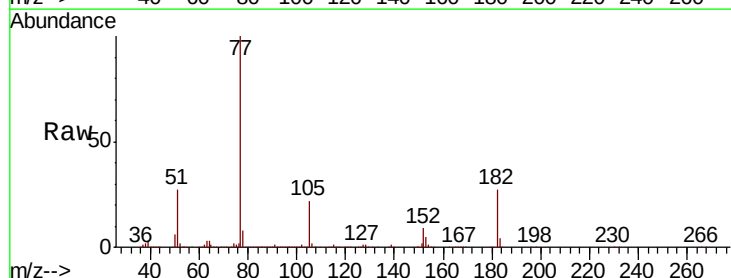
Ion Ratio Lower Upper

77 100

182 26.7 9.2 49.2

105 22.3 3.1 43.1

51 27.3 7.4 47.4

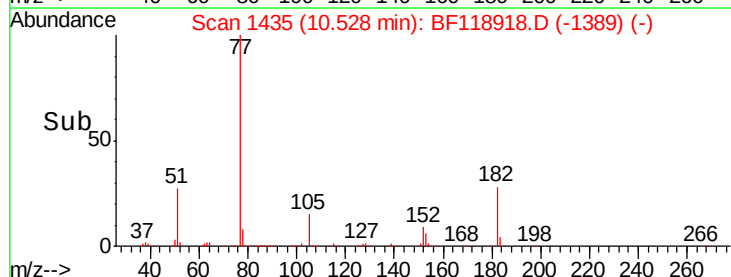
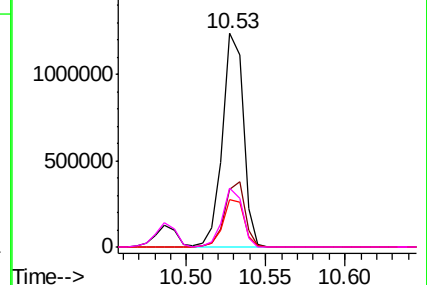


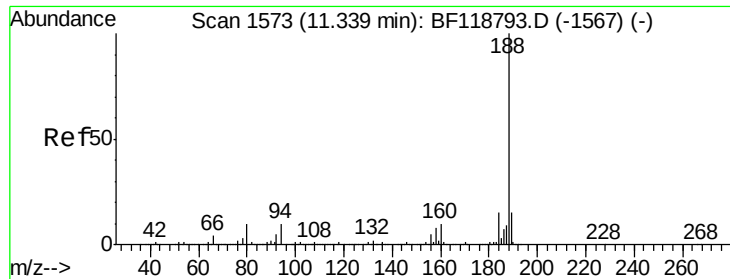
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

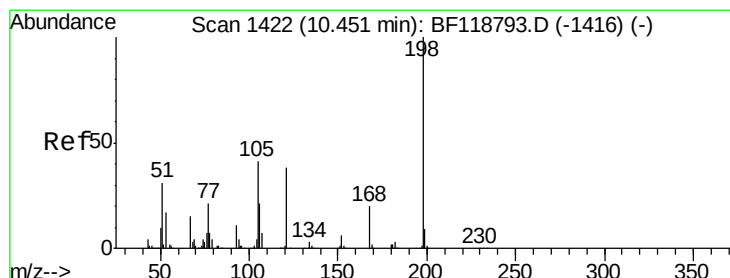
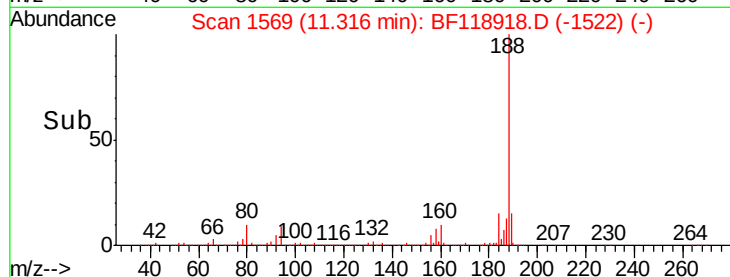
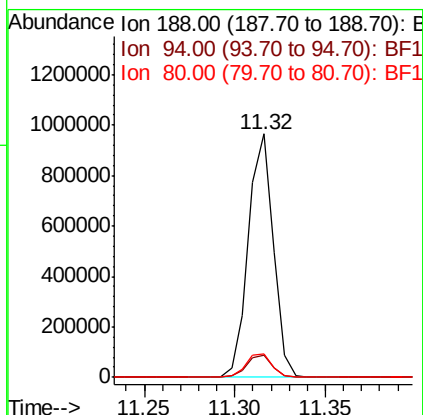
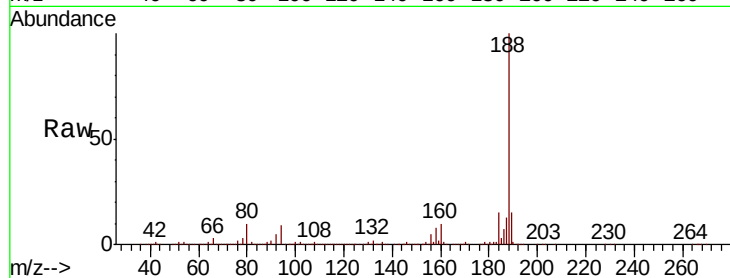




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

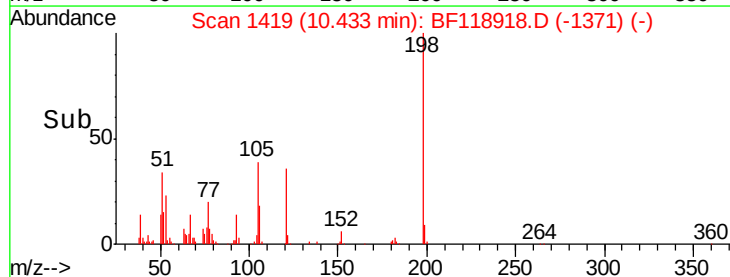
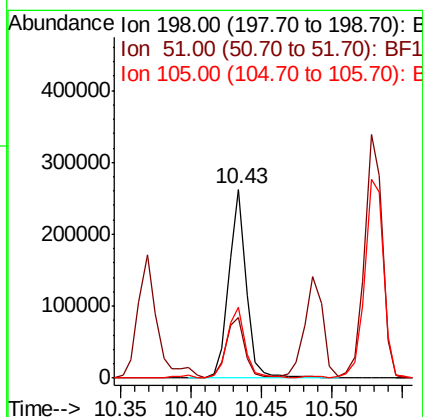
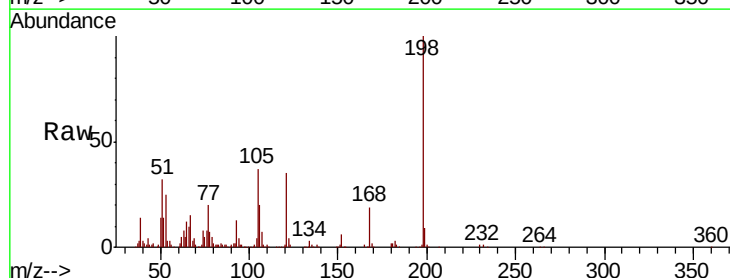
Instrument :
 BNA_F
 ClientSampleId :

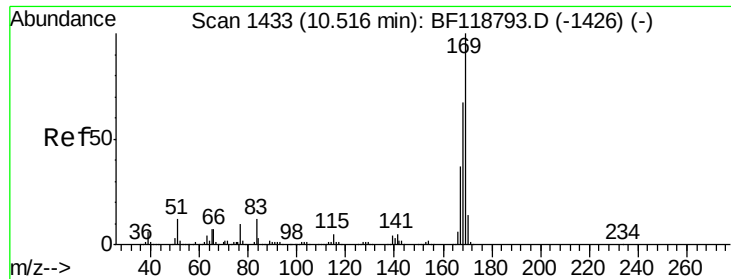
Tot Ion:188 Resp: 924345
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.9 11.9
 80 9.7 8.4 12.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.702 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:198 Resp: 226990
 Ion Ratio Lower Upper
 198 100
 51 32.4 16.7 56.7
 105 37.5 22.0 62.0

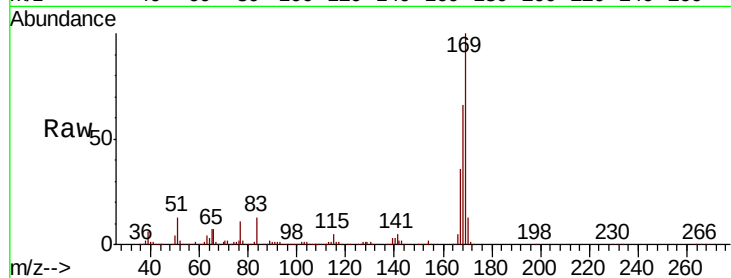




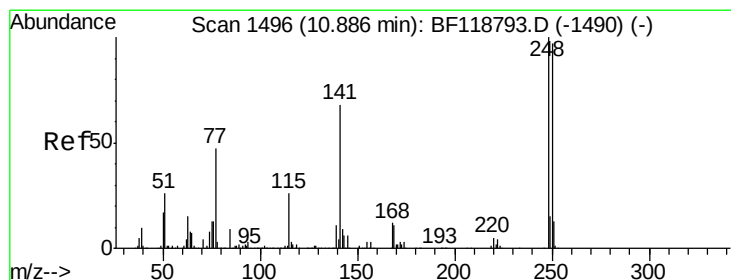
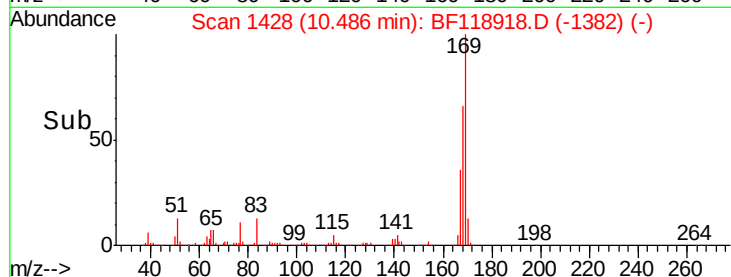
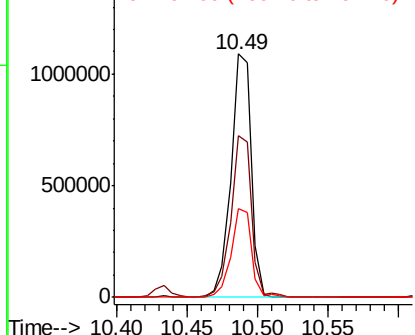
#66
 n-Nitrosodiphenylamine
 Concen: 40.591 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1086825
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.5 80.3
 167 36.2 29.3 43.9

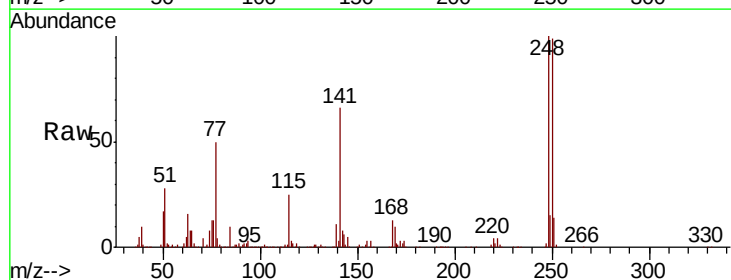


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

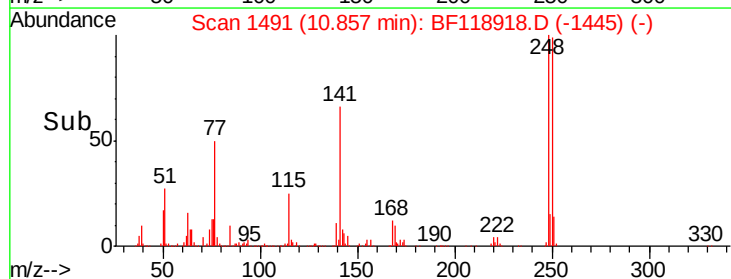
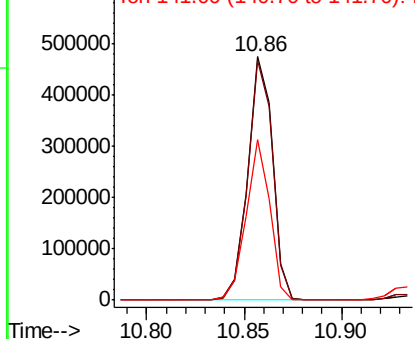


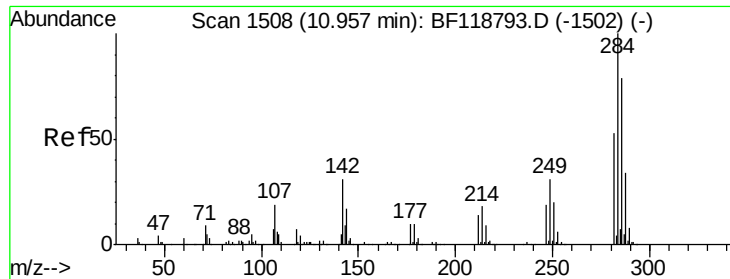
#67
 4-Bromophenyl-phenylether
 Concen: 38.241 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:248 Resp: 418152
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.6 116.4
 141 65.7 54.4 81.6



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

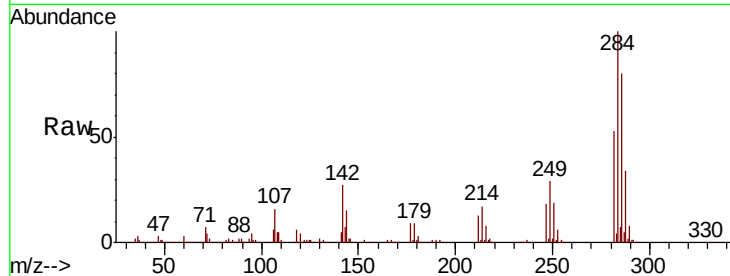




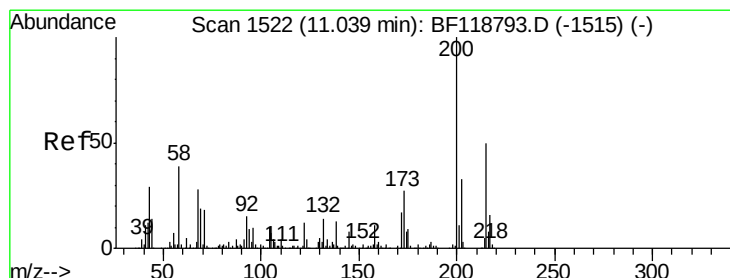
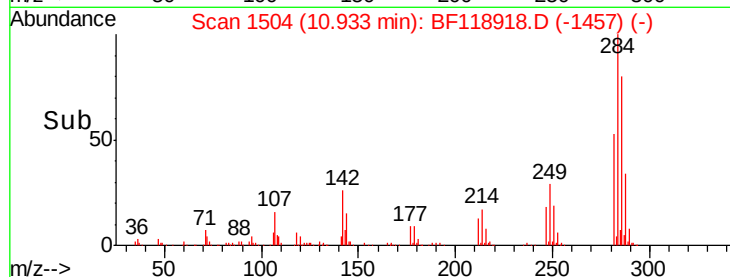
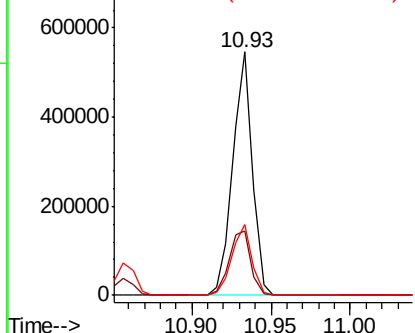
#68
Hexachlorobenzene
Concen: 37.430 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.5	24.5	36.7
249	29.1	24.7	37.1

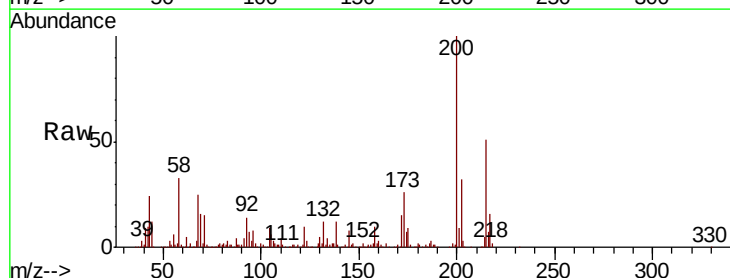


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

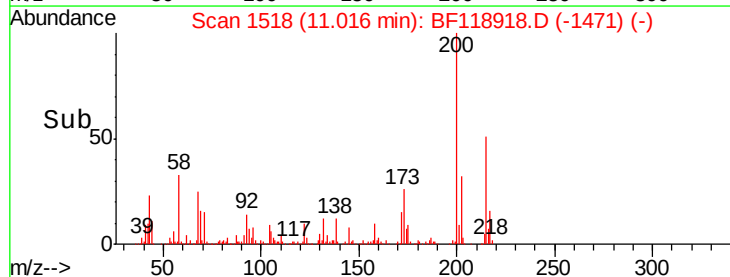
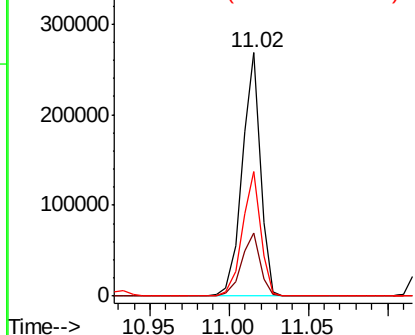


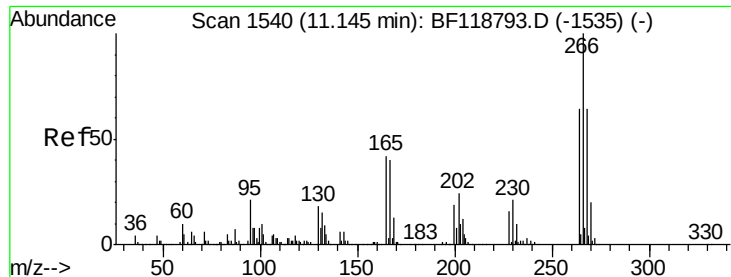
#69
Atrazine
Concen: 23.974 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.5	47.5
215	50.9	29.9	69.9



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

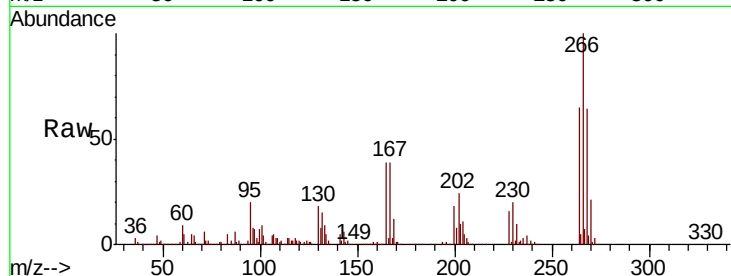




#70
 Pentachlorophenol
 Concen: 100.426 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.0	76.6
264	64.7	51.4	77.2

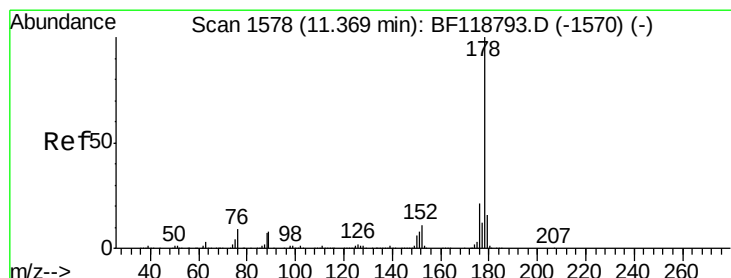
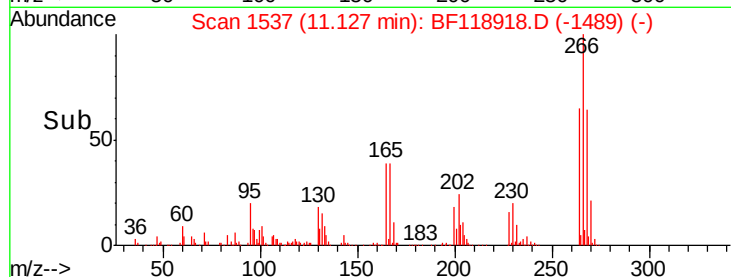
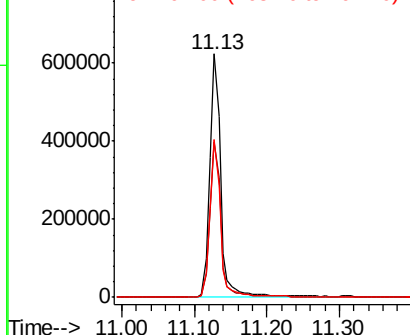


Abundance

Ion 265.70 (265.40 to 266.40): E

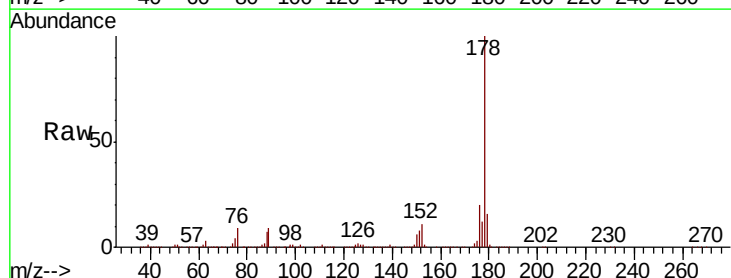
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 40.427 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	16.1	13.2	19.8

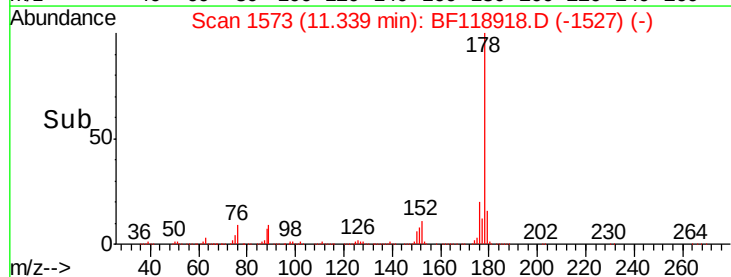
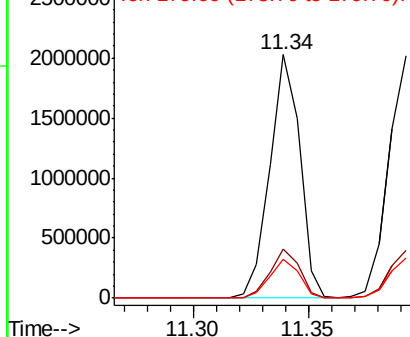


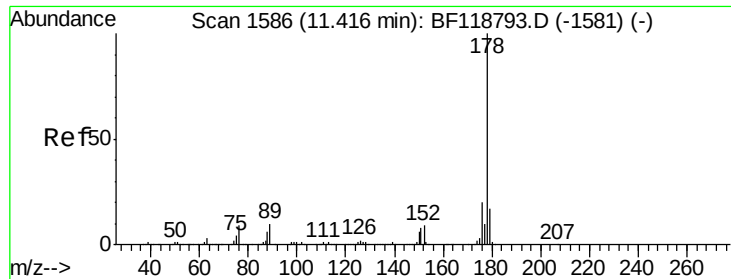
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

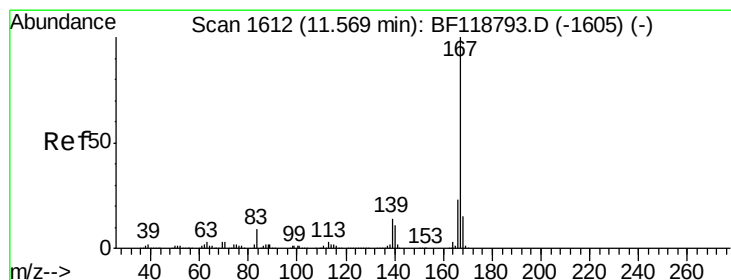
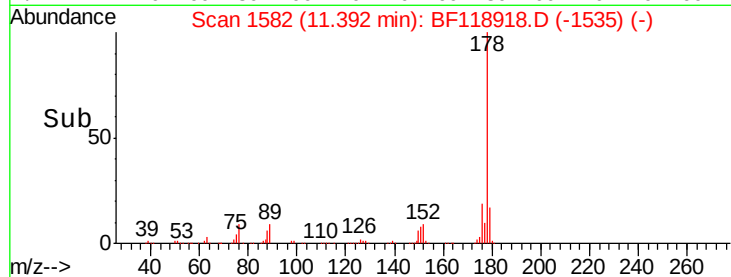
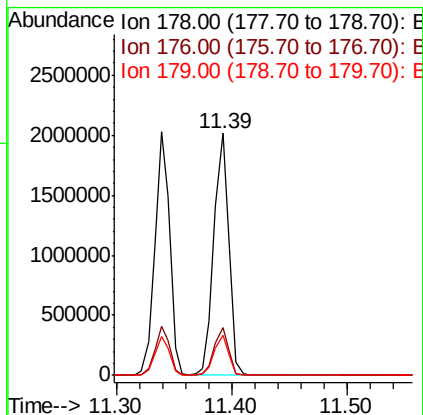
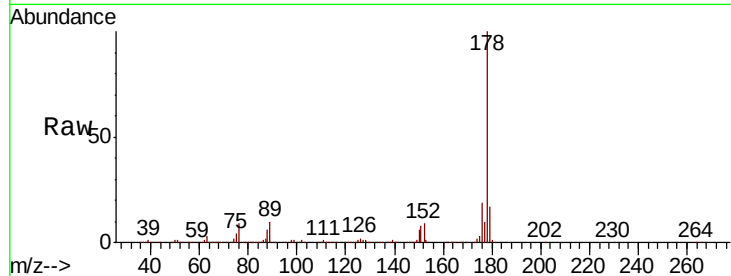




#72
 Anthracene
 Concen: 40.151 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

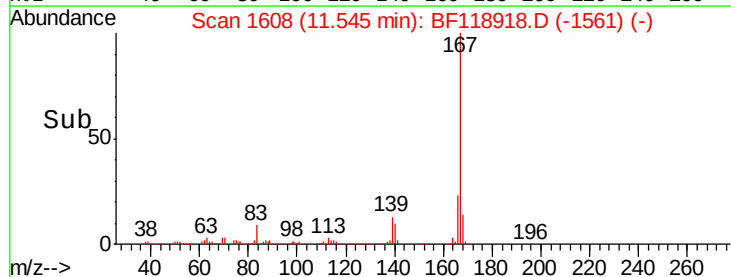
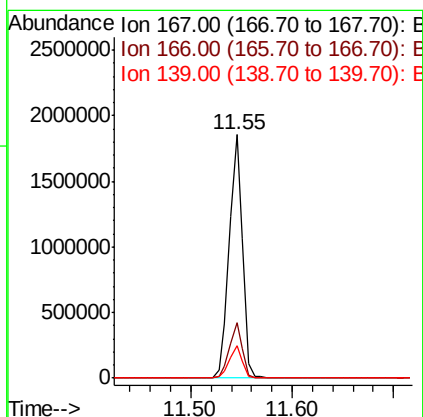
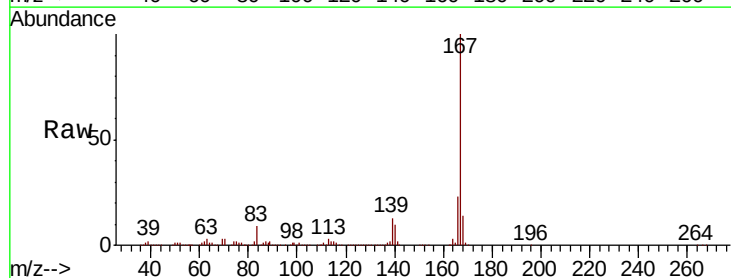
Instrument :
 BNA_F
 ClientSampleId :

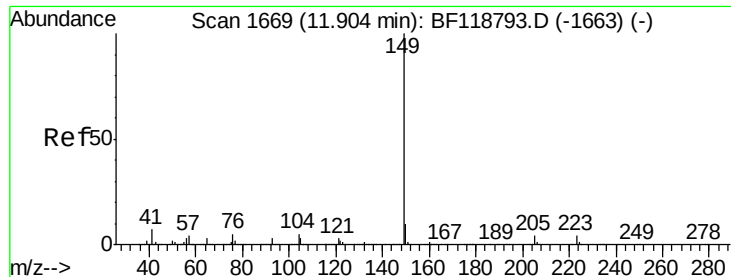
Tot Ion:178 Resp: 1816574
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.2
 179 16.6 13.4 20.2



#73
 Carbazole
 Concen: 42.633 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:167 Resp: 1692779
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 13.2 11.1 16.7





#74

Di-n-butylphthalate

Concen: 39.459 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

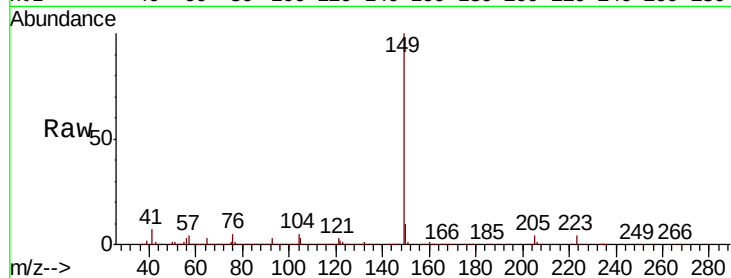
Tot Ion:149 Resp: 1995890

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

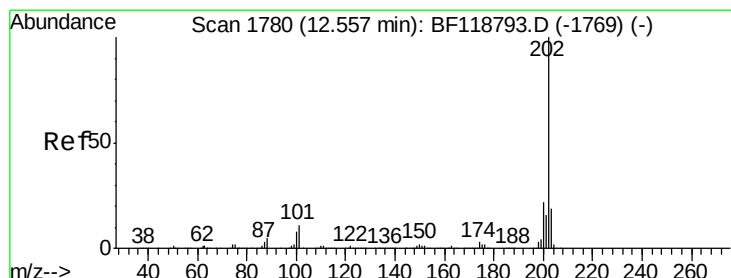
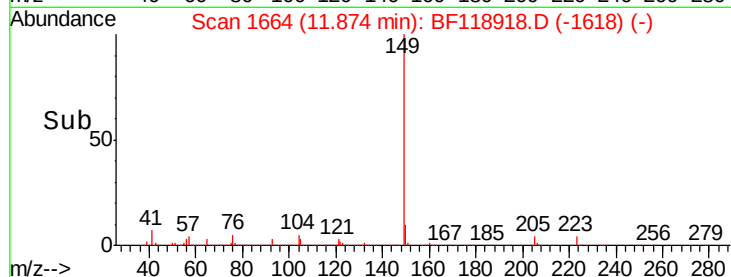
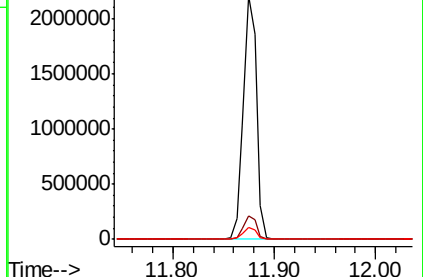
104 5.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 41.174 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

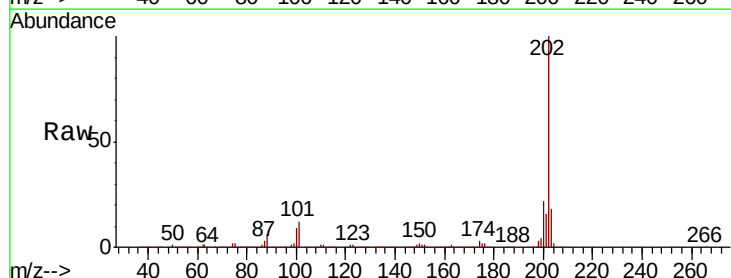
Tgt Ion:202 Resp: 2044498

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.0

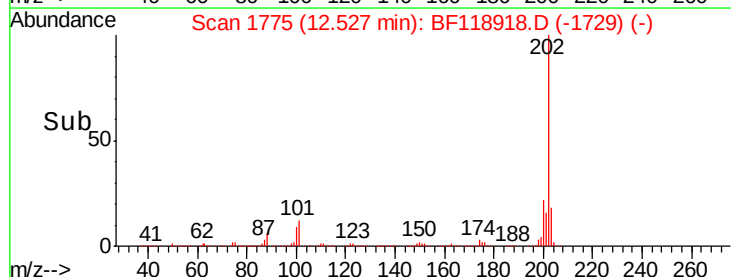
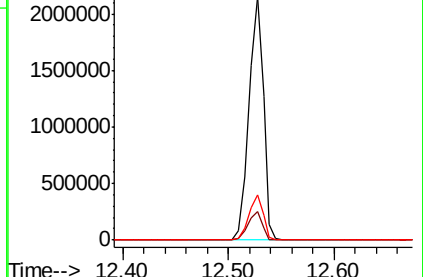
203 18.5 0.0 38.7

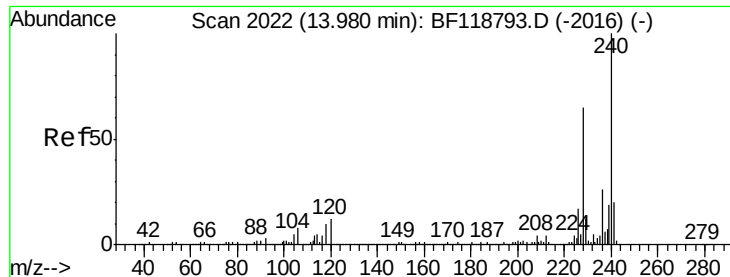


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

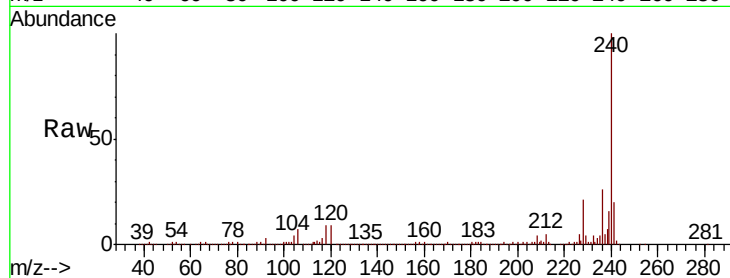




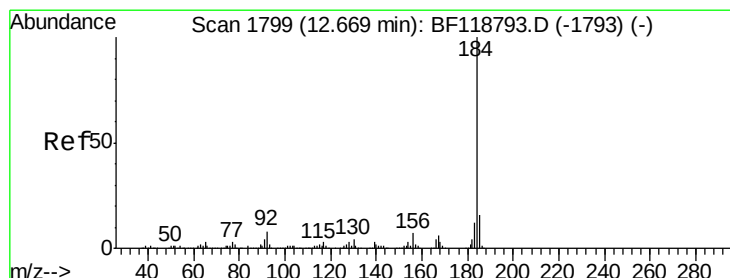
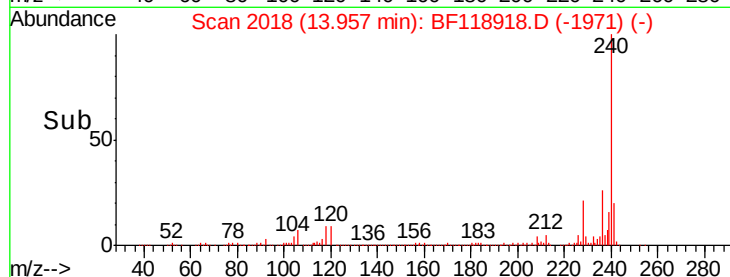
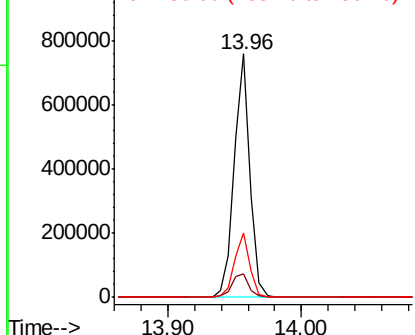
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 630002
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.0
236 26.5 21.0 31.6

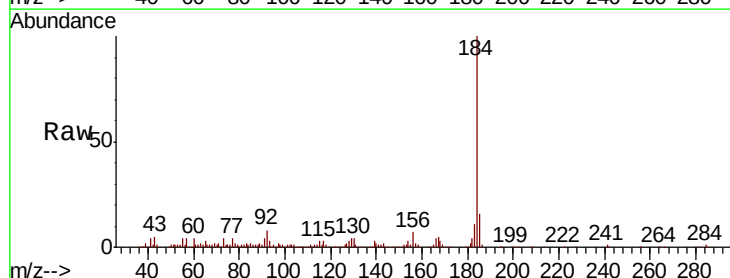


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

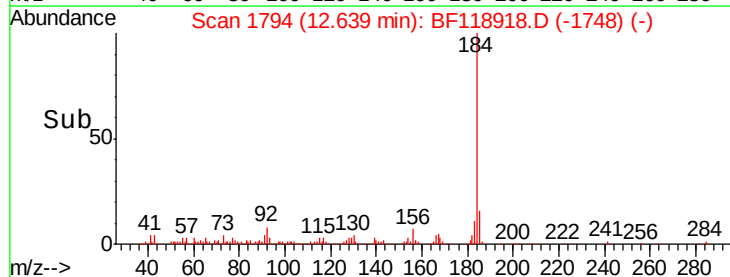
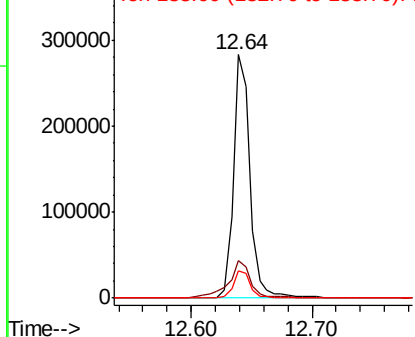


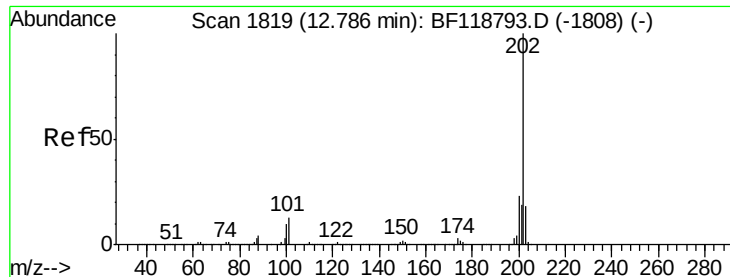
#77
Benzidine
Concen: 14.189 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:184 Resp: 270365
Ion Ratio Lower Upper
184 100
185 15.6 12.5 18.7
183 11.3 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

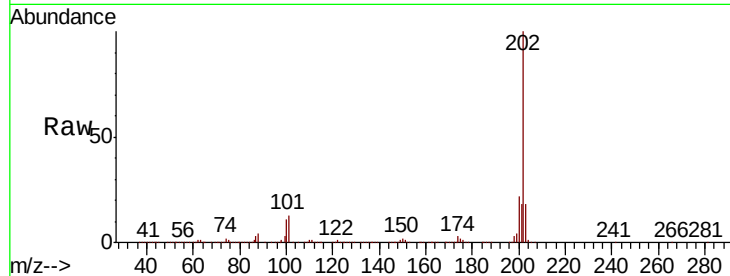




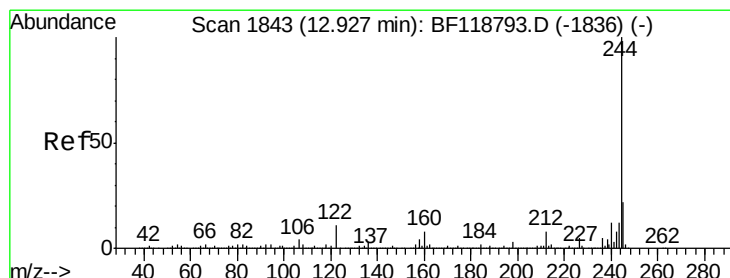
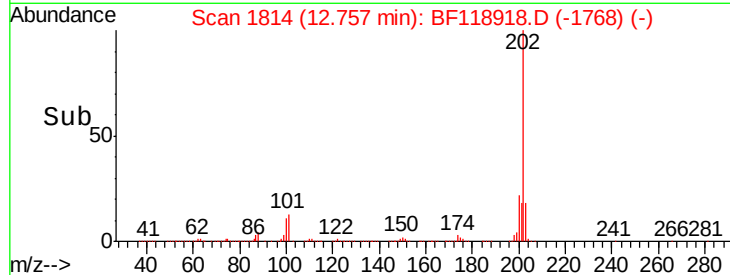
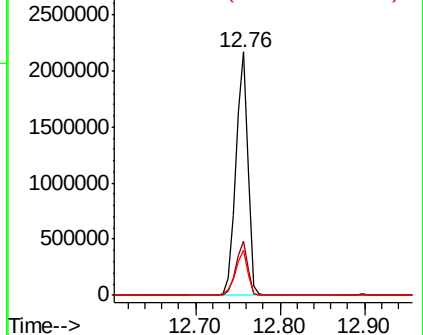
#78
Pvrene
Concen: 47.888 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2069701
Ion Ratio Lower Upper
202 100
200 22.1 18.2 27.2
203 18.4 14.8 22.2

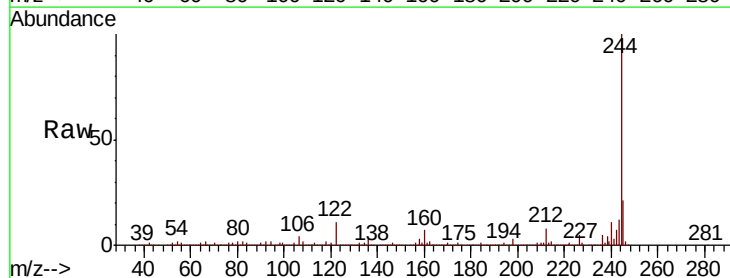


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

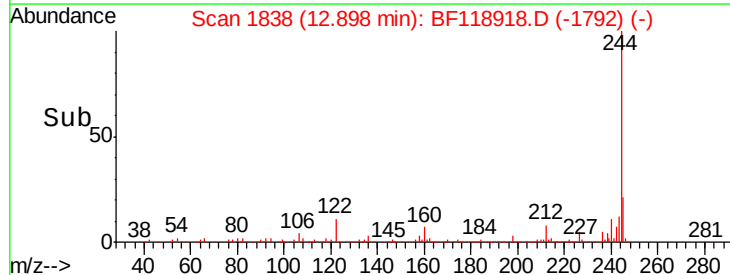
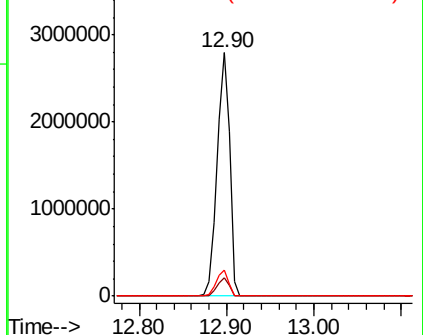


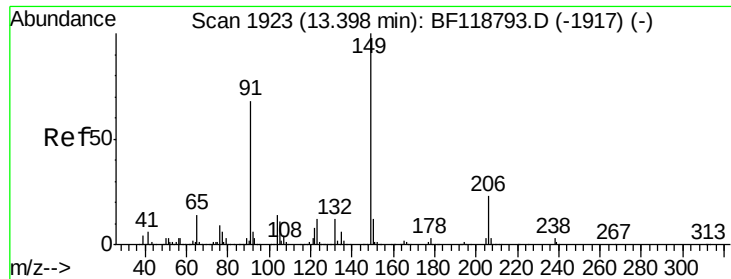
#79
Terphenyl-d14
Concen: 91.377 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:244 Resp: 2802650
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.7 8.9 13.3



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

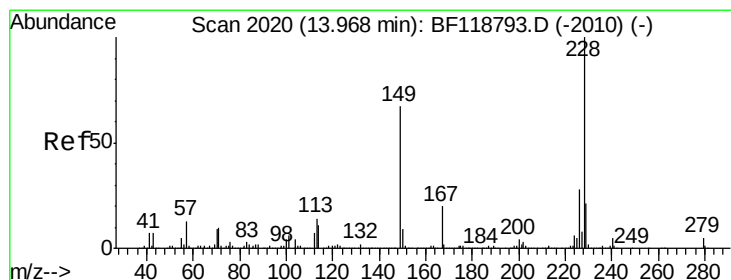
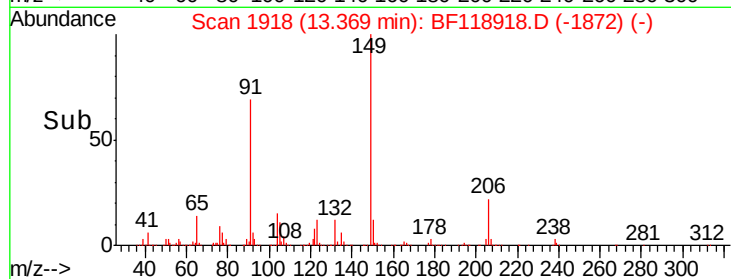
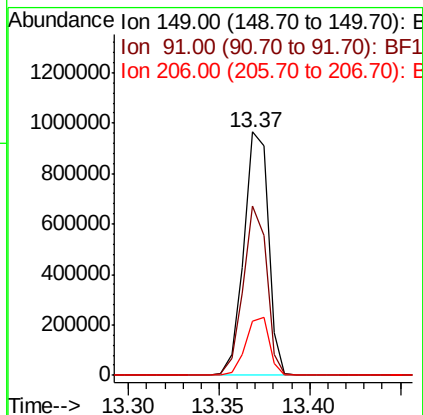
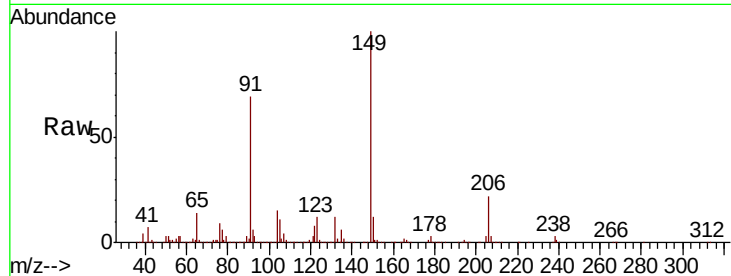




#80
 Butylbenzylphthalate
 Concen: 46.004 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

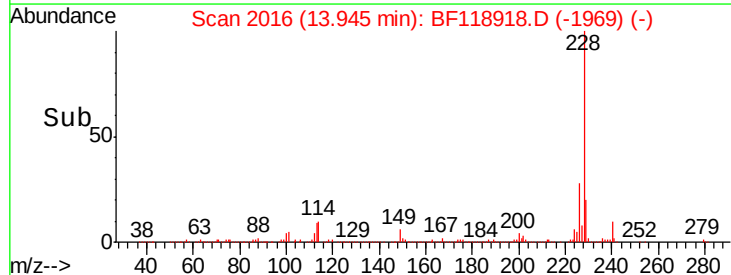
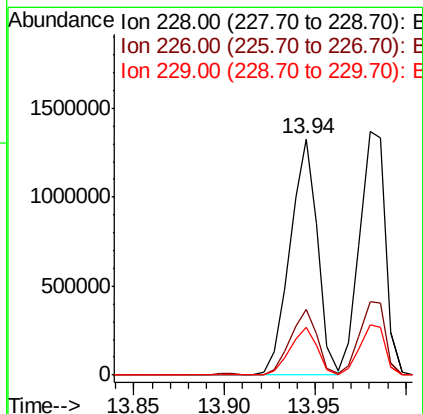
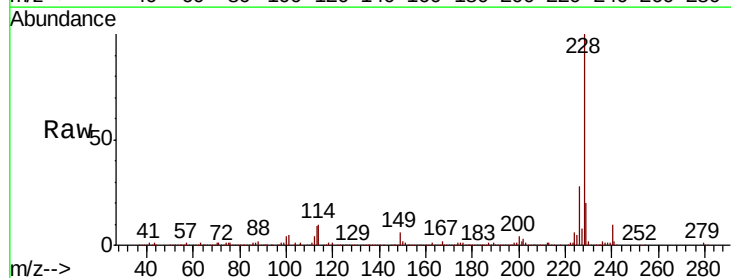
Instrument :
 BNA_F
 ClientSampleId :

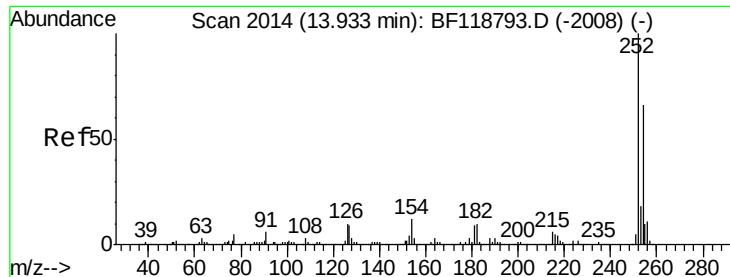
Tot Ion:	149	Resp:	907520
Ion	Ratio	Lower	Upper
149	100		
91	69.5	54.7	82.1
206	22.3	18.5	27.7



#81
 Benzo(a)anthracene
 Concen: 37.607 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:	228	Resp:	1409862
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.2	16.6	25.0

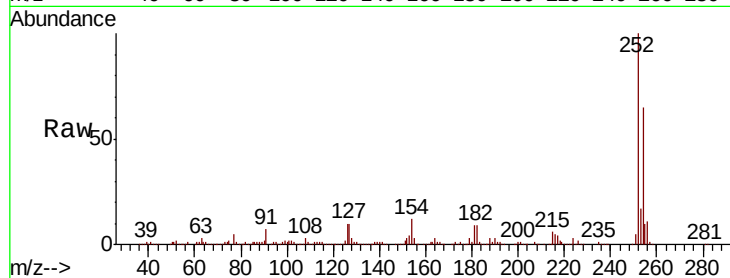




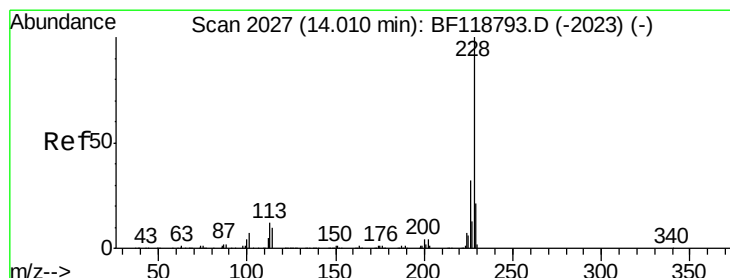
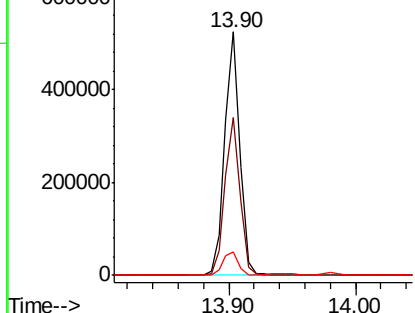
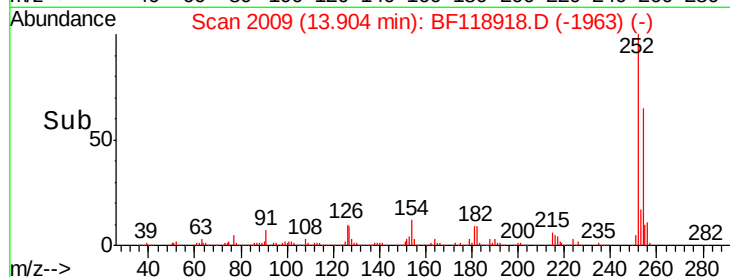
#82
 3,3'-Dichlorobenzidine
 Concen: 28.348 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 434657
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.4 78.6
 126 9.6 7.8 11.8

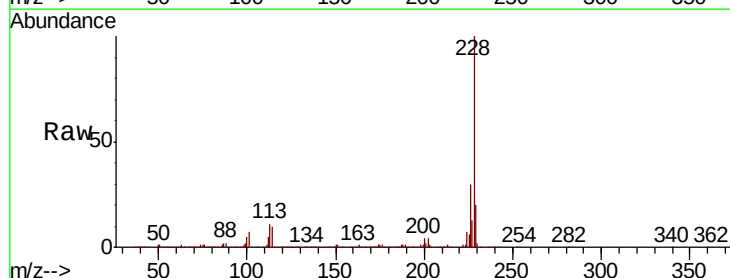


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

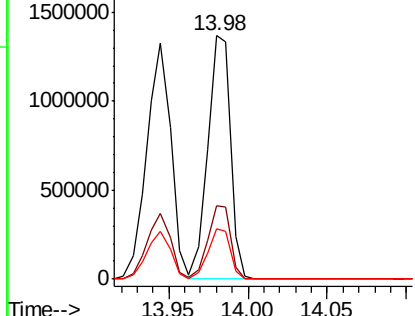
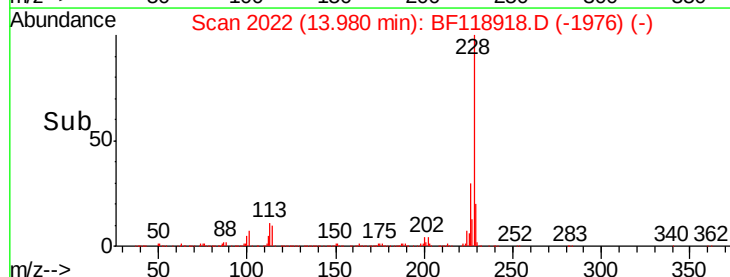


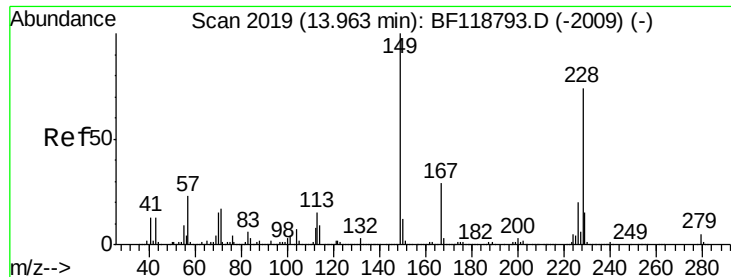
#83
 Chrysene
 Concen: 36.394 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:228 Resp: 1369347
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.0
 229 20.5 16.9 25.3



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: 35.437 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

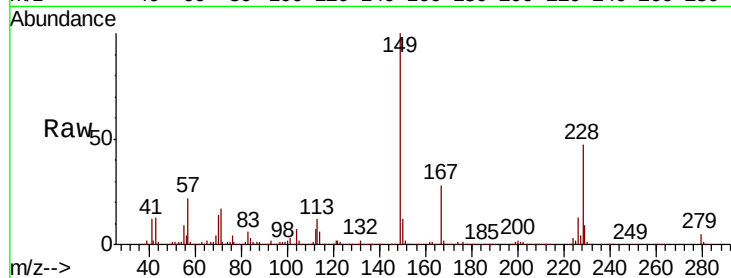
Tot Ion:149 Resp: 886914

Ion Ratio Lower Upper

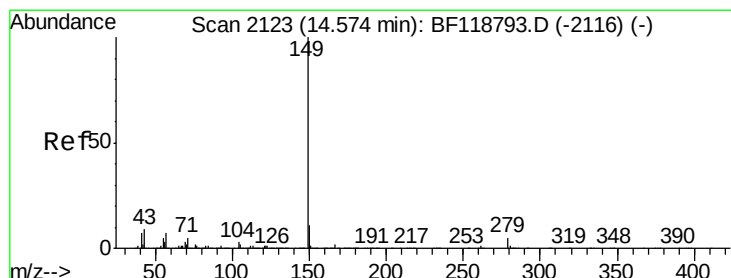
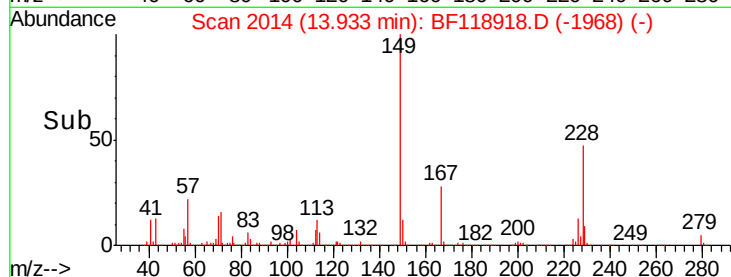
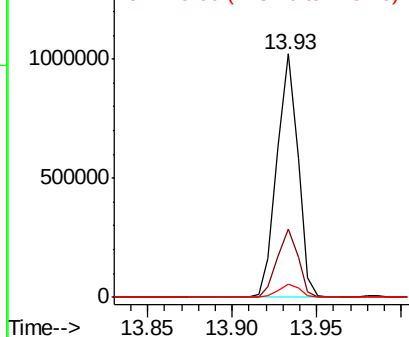
149 100

167 27.8 23.0 34.6

279 5.4 4.4 6.6



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: 36.335 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

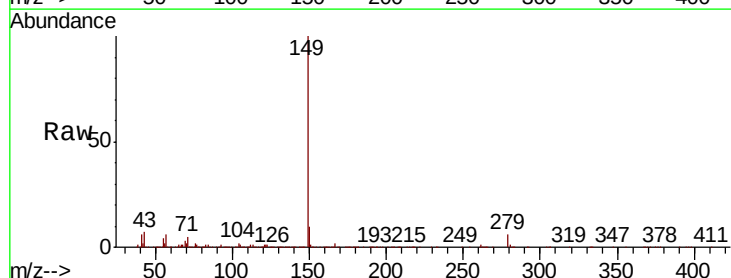
Tgt Ion:149 Resp: 1557903

Ion Ratio Lower Upper

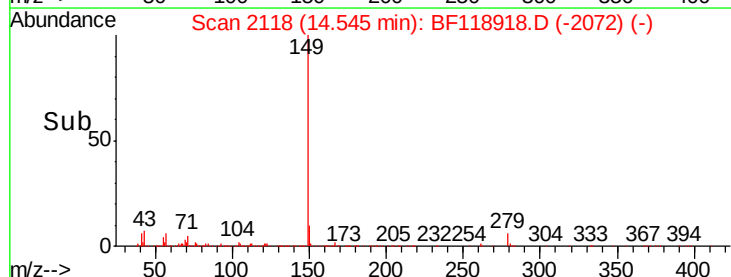
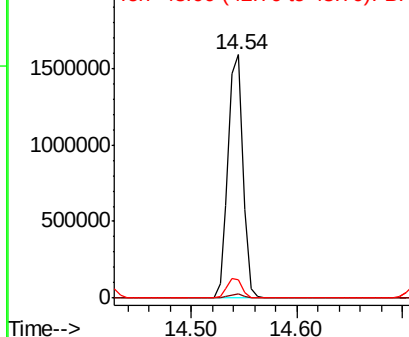
149 100

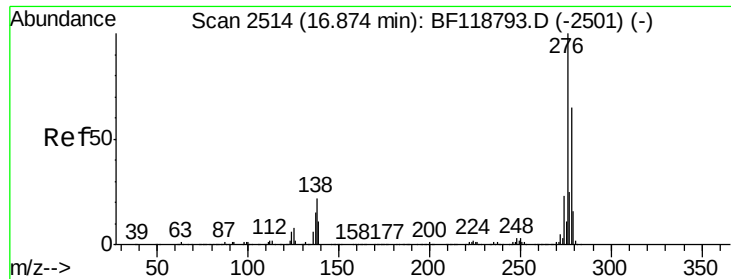
167 1.6 1.4 2.0

43 7.9 6.6 10.0



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



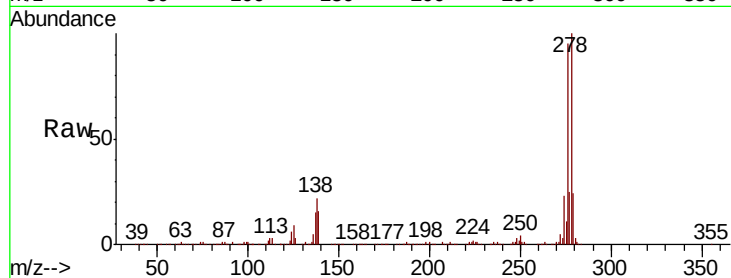


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.604 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. -0.04 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

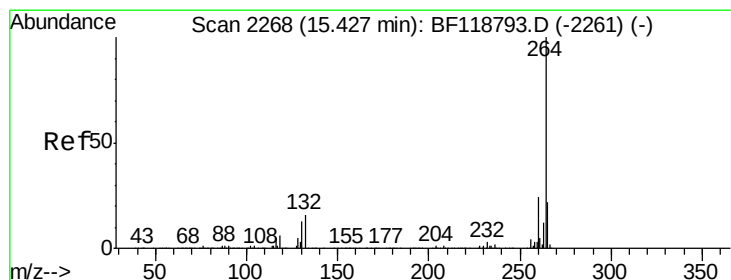
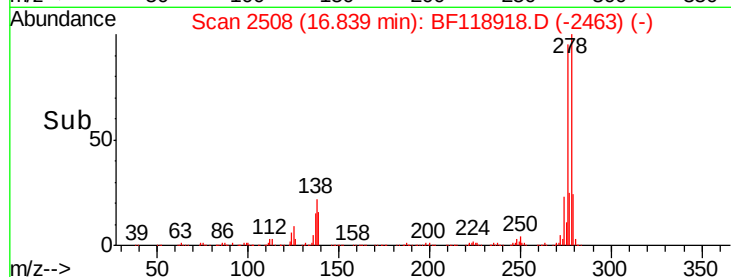
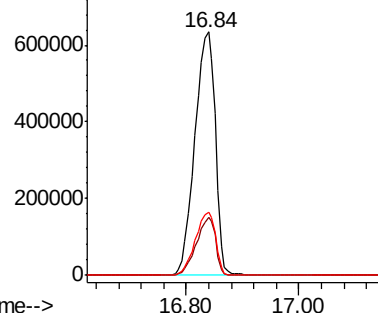
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1610606

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.3	27.5
277	25.6	20.2	30.4



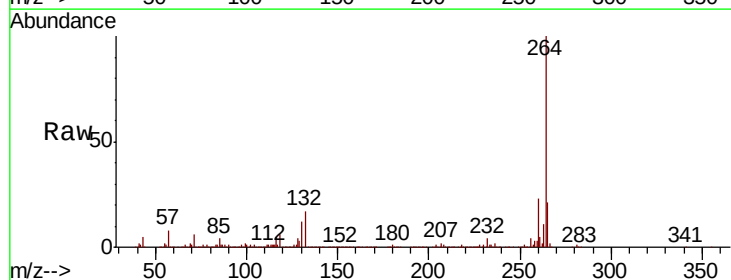
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



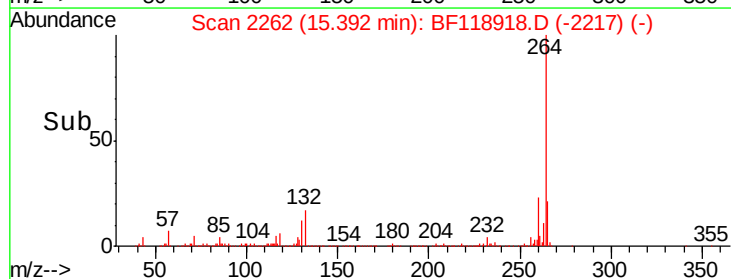
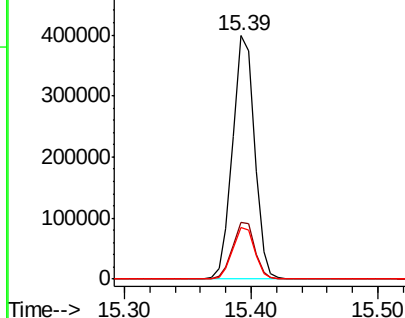
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.04 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

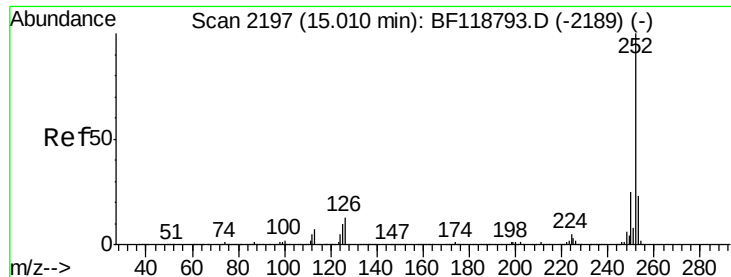
Tgt Ion:264 Resp: 475364

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.3	17.2	25.8



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

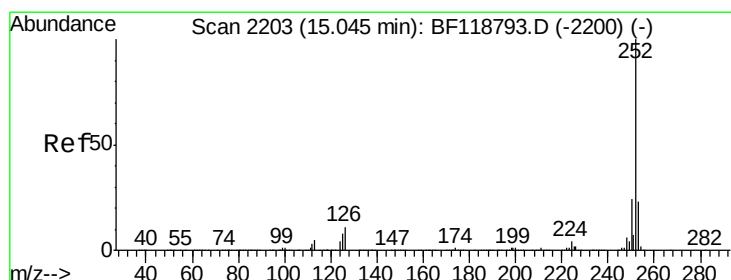
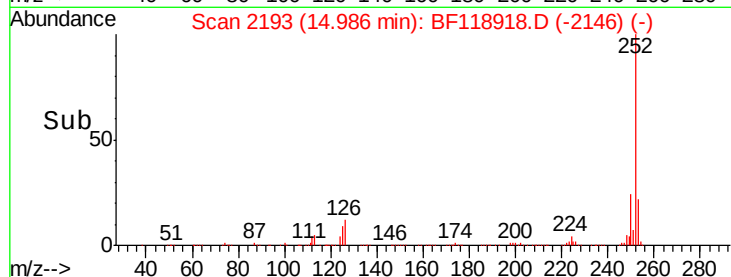
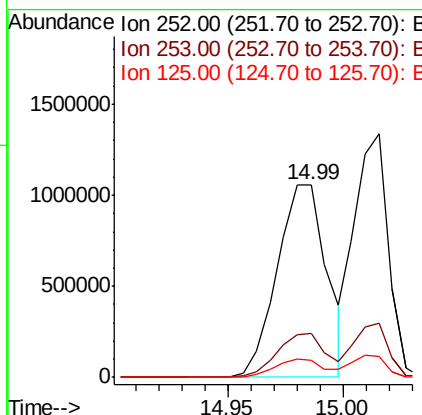
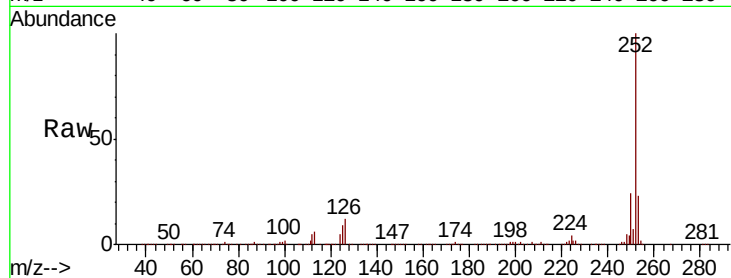




#88
Benzo(b)fluoranthene
Concen: 53.548 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

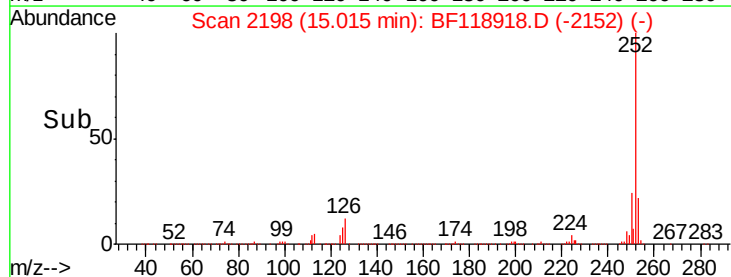
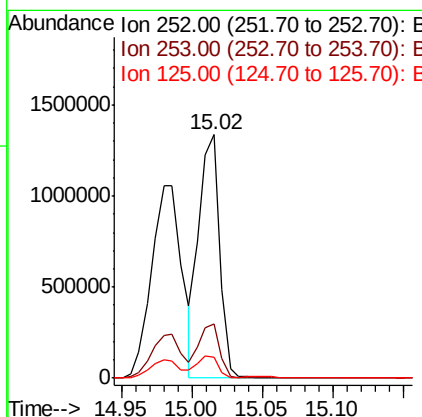
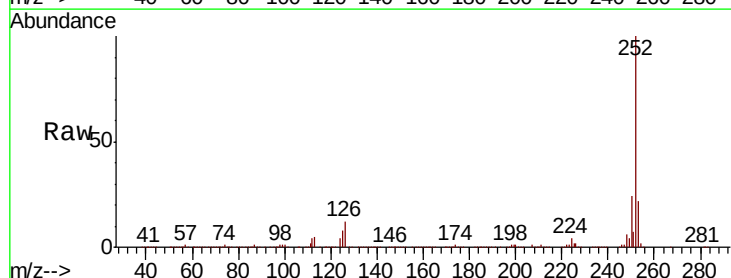
Instrument :
BNA_F
ClientSampleId :

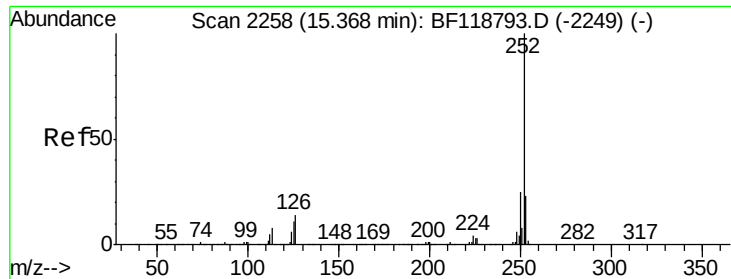
Tot Ion:252 Resp: 1579511
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 8.9 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 53.335 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:252 Resp: 1369969
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 8.4 7.0 10.6





#90

Benzo(a)pyrene

Concen: 56.002 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampled :

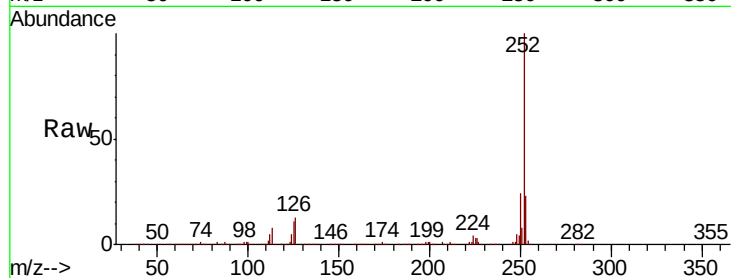
Tot Ion:252 Resp: 1413715

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

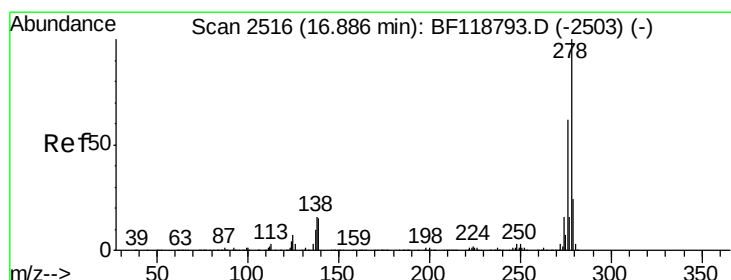
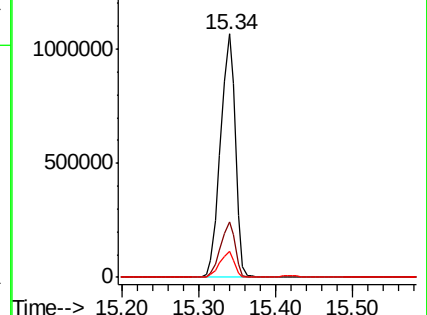
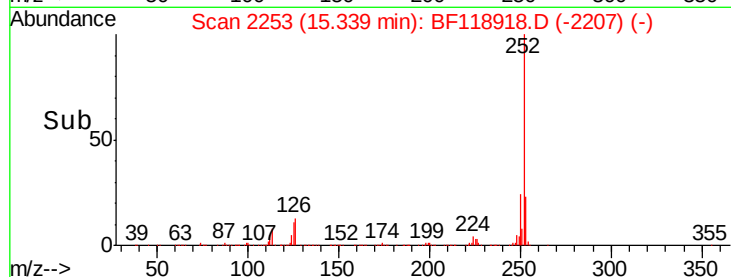
125 10.7 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 60.416 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.04 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

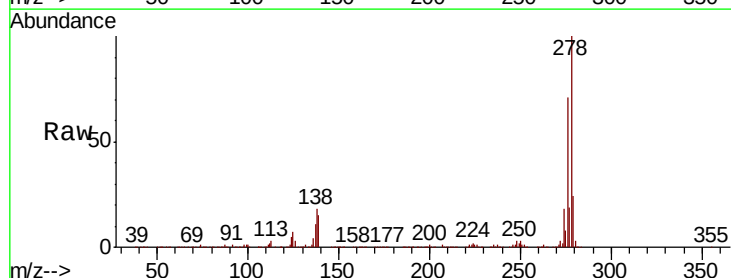
Tgt Ion:278 Resp: 1353929

Ion Ratio Lower Upper

278 100

139 14.5 12.3 18.5

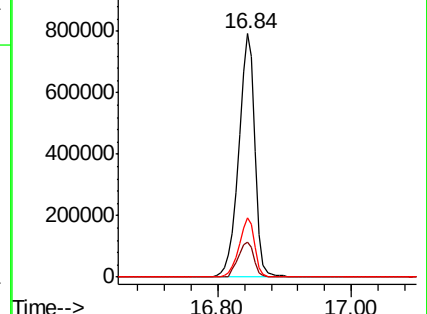
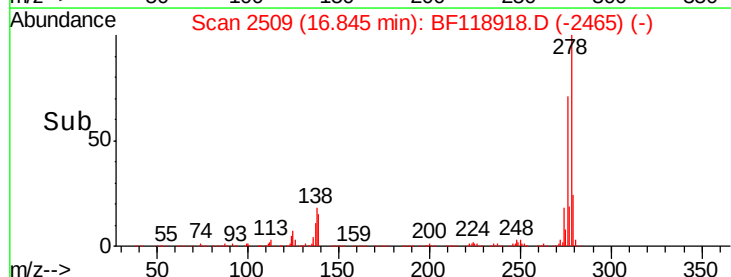
279 24.4 19.1 28.7

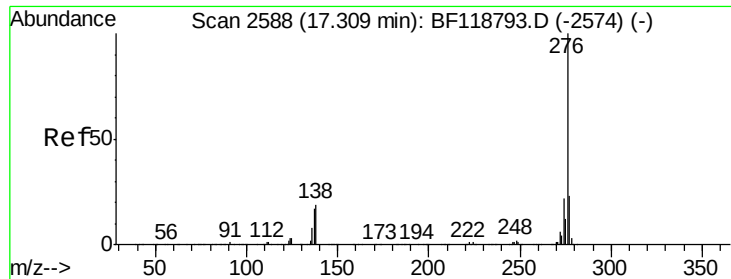


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 62.637 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.04 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1349941
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 19.6 15.4 23.2

