

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119384.D
 Acq On : 12 Mar 2020 17:06
 Operator : CG/JU
 Sample : PB127488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:46:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116730	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449370	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	251138	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	472333	20.00	ng	0.00
76) Chrysene-d12	13.90	240	309948	20.00	ng	0.01
87) Perylene-d12	15.33	264	264841	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	917956	131.42	ng	0.01
7) Phenol-d6	6.38	99	1064382	125.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	719385	84.53	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	391554	119.18	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1408979	82.65	ng	0.00
79) Terphenyl-d14	12.83	244	1748966	97.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	111308	35.791	ng	97
3) Pyridine	3.22	79	247503	29.141	ng	97
4) n-Nitrosodimethylamine	3.15	42	111850	43.473	ng	97
6) Aniline	6.39	93	329072	31.394	ng	99
8) 2-Chlorophenol	6.52	128	358425	47.549	ng	98
9) Benzaldehyde	6.28	77	237981	41.931	ng	98
10) Phenol	6.39	94	415771	45.269	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	317032	45.113	ng	99
12) 1,3-Dichlorobenzene	6.66	146	382214	42.305	ng	98
13) 1,4-Dichlorobenzene	6.74	146	390450	43.187	ng	98
14) 1,2-Dichlorobenzene	6.89	146	353383	42.858	ng	99
15) Benzyl Alcohol	6.88	79	296124	48.232	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	247057	40.584	ng	# 9
17) 2-Methylphenol	7.00	107	286546	46.886	ng	91
18) Hexachloroethane	7.23	117	138518	42.824	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	243214	49.134	ng	95
20) 3+4-Methylphenols	7.16	107	390517	52.156	ng	87
22) Acetophenone	7.14	105	478224	45.995	ng	# 95
24) Nitrobenzene	7.31	77	372941	44.312	ng	96
25) Isophorone	7.55	82	662714	44.836	ng	99
26) 2-Nitrophenol	7.63	139	197374	44.261	ng	95
27) 2,4-Dimethylphenol	7.67	122	304108	50.248	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	398722	41.444	ng	99
29) 2,4-Dichlorophenol	7.89	162	316819	44.467	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335004	39.657	ng	97
31) Naphthalene	8.03	128	1019870	43.762	ng	98
32) Benzoic acid	7.86	122	156319	37.152	ng	97
33) 4-Chloroaniline	8.09	127	214217	21.371	ng	98
34) Hexachlorobutadiene	8.14	225	205958	39.141	ng	98
35) Caprolactam	8.47	113	49786	22.694	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	334514	46.392	ng	99
37) 2-Methylnaphthalene	8.72	142	692340	44.144	ng	98
38) 1-Methylnaphthalene	8.82	142	652289	44.224	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	348421	41.149	ng	99

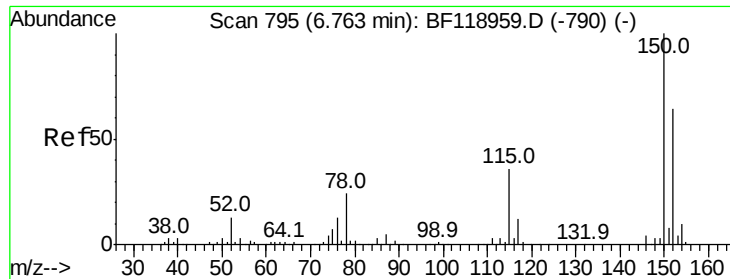
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119384.D
 Acq On : 12 Mar 2020 17:06
 Operator : CG/JU
 Sample : PB127488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:46:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	126886	45.729	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	206265	38.575	ng	100
44) 2,4,5-Trichlorophenol	9.07	196	203355	36.242	ng	100
46) 1,1'-Biphenyl	9.18	154	850500	41.903	ng	98
47) 2-Chloronaphthalene	9.21	162	669927	40.958	ng	99
48) 2-Nitroaniline	9.32	65	199865	43.810	ng	95
49) Acenaphthylene	9.62	152	1032059	43.688	ng	99
50) Dimethylphthalate	9.49	163	810372	42.198	ng	100
51) 2,6-Dinitrotoluene	9.56	165	183059	42.905	ng	# 74
52) Acenaphthene	9.79	154	610534	42.861	ng	99
53) 3-Nitroaniline	9.73	138	107134	22.650	ng	94
54) 2,4-Dinitrophenol	9.86	184	137324	67.511	ng	93
55) Dibenzofuran	9.97	168	920539	43.296	ng	100
56) 4-Nitrophenol	9.93	139	90406	31.812	ng	94
57) 2,4-Dinitrotoluene	9.97	165	242110	43.779	ng	96
58) Fluorene	10.31	166	745103	45.100	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	192490	40.657	ng	99
60) Diethylphthalate	10.19	149	794616	43.907	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	382976	43.794	ng	99
62) 4-Nitroaniline	10.36	138	170333	35.198	ng	94
63) Azobenzene	10.46	77	719675	45.750	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	124089	43.416	ng	99
66) n-Nitrosodiphenylamine	10.42	169	672723	43.497	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	251048	40.662	ng	97
68) Hexachlorobenzene	10.87	284	288871	40.582	ng	98
69) Atrazine	10.96	200	225632	41.756	ng	96
70) Pentachlorophenol	11.07	266	152414	53.154	ng	97
71) Phenanthrene	11.27	178	1105558	42.920	ng	98
72) Anthracene	11.33	178	1159229	45.041	ng	98
73) Carbazole	11.49	167	1004378	43.804	ng	98
74) Di-n-butylphthalate	11.80	149	1184282	42.651	ng	99
75) Fluoranthene	12.47	202	1179191	43.127	ng	98
77) Benzidine	12.59	184	568186	45.075	ng	98
78) Pyrene	12.69	202	1167985	46.929	ng	99
80) Butylbenzylphthalate	13.30	149	459432	43.860	ng	99
81) Benzo(a)anthracene	13.89	228	950101	44.988	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	220207	26.853	ng	97
83) Chrysene	13.92	228	921073	43.771	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	594890	44.953	ng	# 96
85) Di-n-octyl phthalate	14.47	149	851661	40.392	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	745102	36.569	ng	100
88) Benzo(b)fluoranthene	14.92	252	739144	42.341	ng	99
89) Benzo(k)fluoranthene	14.95	252	795864	49.195	ng	98
90) Benzo(a)pyrene	15.27	252	676059	42.910	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	619709	44.703	ng	99
92) Benzo(g,h,i)perylene	17.18	276	621288	45.359	ng	98

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

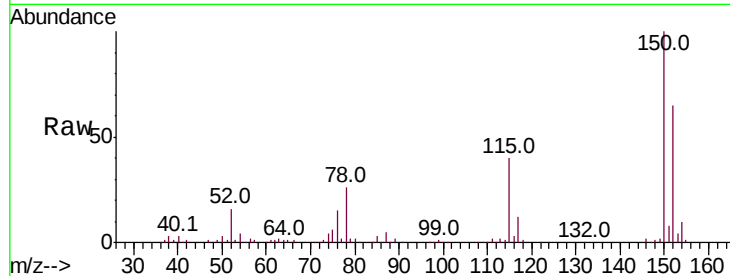


#1

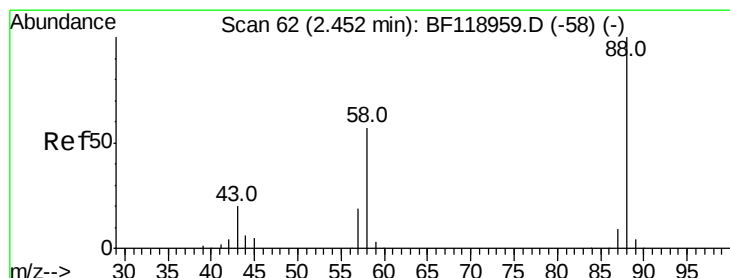
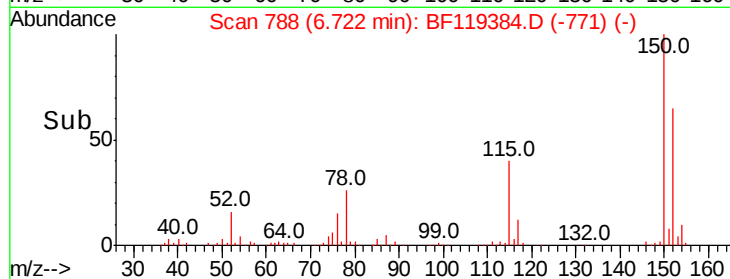
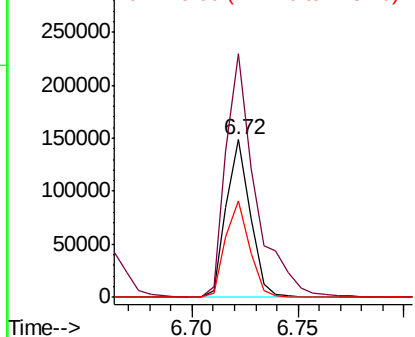
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116730
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.6
115 61.2 49.5 74.3



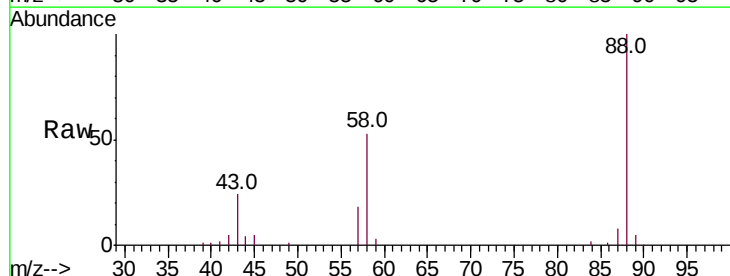
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



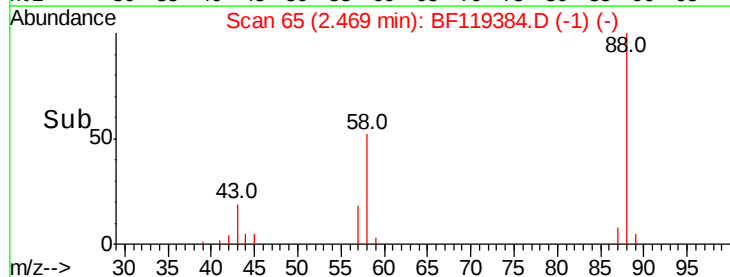
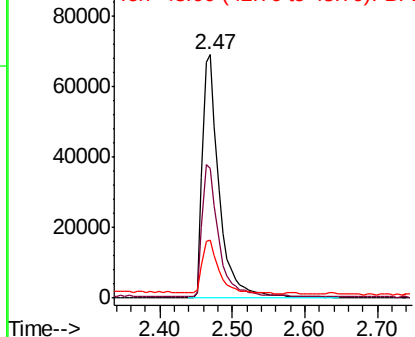
#2

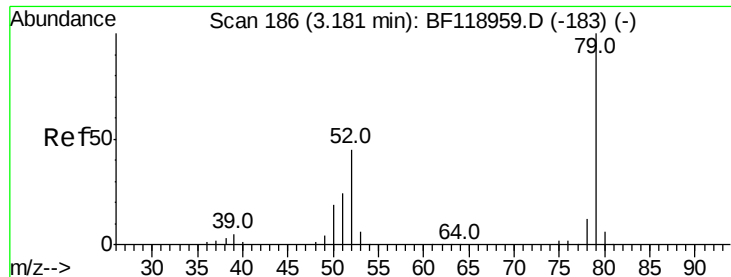
1,4-Dioxane
Concen: 35.791 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.09 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion: 88 Resp: 111308
Ion Ratio Lower Upper
88 100
58 52.2 43.8 65.6
43 20.4 16.2 24.4



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

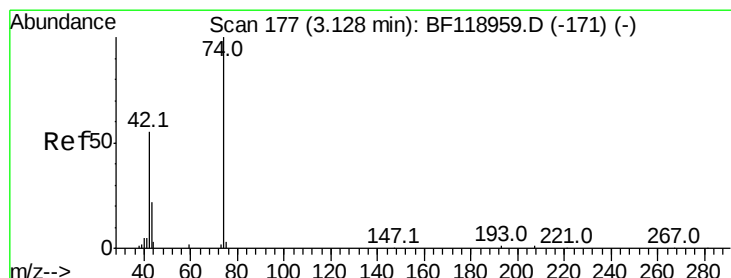
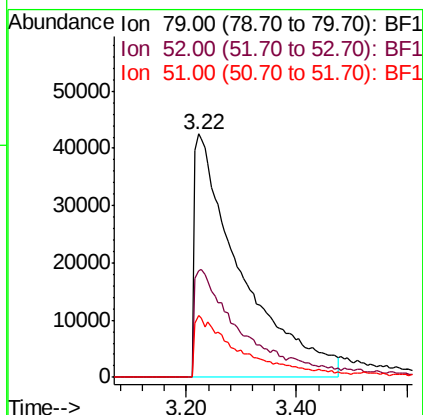
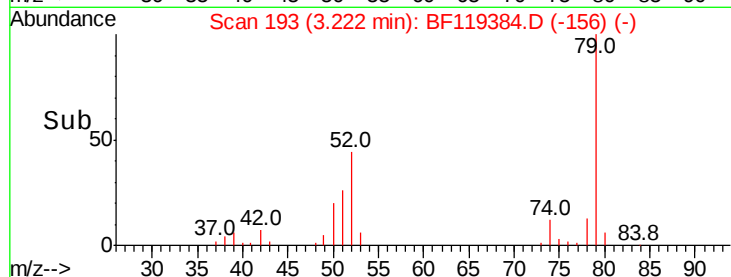
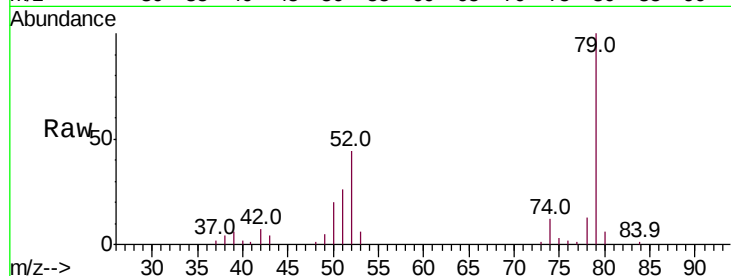




#3
 Pvridine
 Concen: 29.141 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.12 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

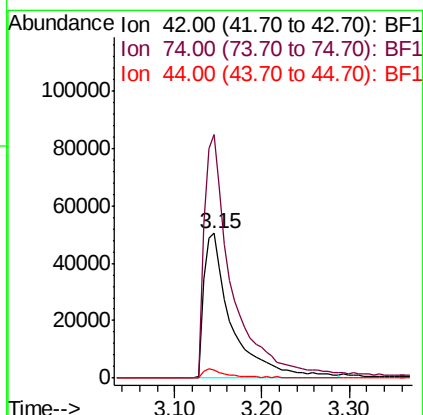
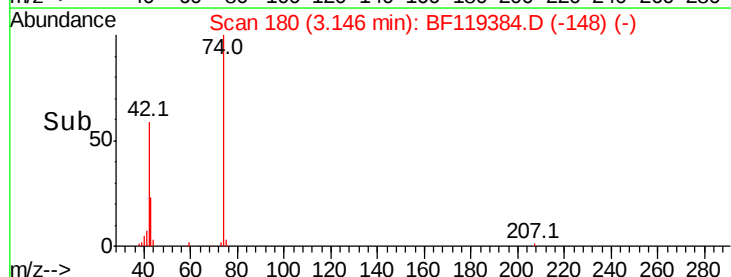
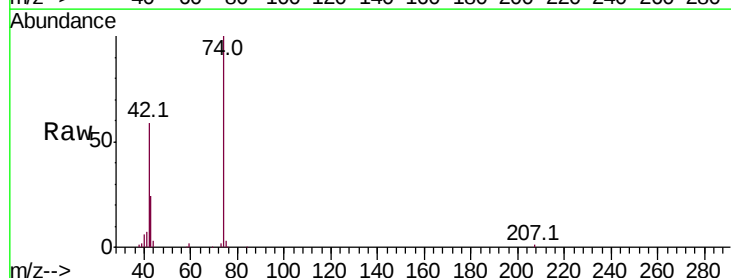
Instrument :
 BNA_F
 ClientSampleId :

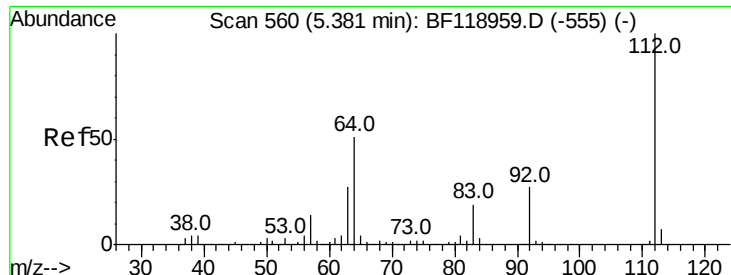
Tot Ion: 79 Resp: 247503
 Ion Ratio Lower Upper
 79 100
 52 43.9 37.4 56.0
 51 25.6 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 43.473 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.09 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion: 42 Resp: 111850
 Ion Ratio Lower Upper
 42 100
 74 168.2 137.7 206.5
 44 5.2 4.5 6.7





#5

2-Fluorophenol

Concen: 131.420 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampled :

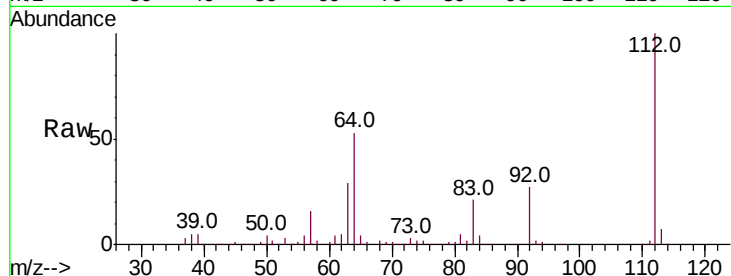
Tot Ion:112 Resp: 917956

Ion Ratio Lower Upper

112 100

64 53.1 45.0 67.4

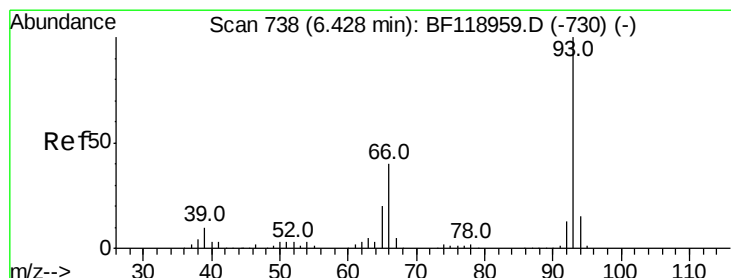
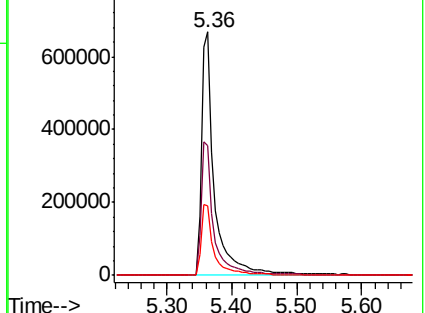
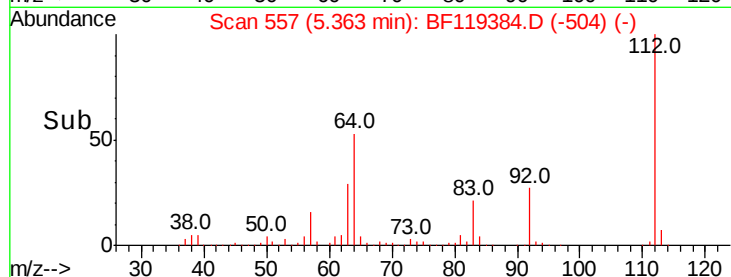
63 28.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.394 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

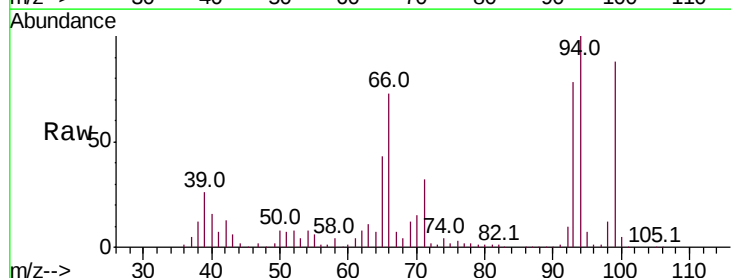
Tgt Ion: 93 Resp: 329072

Ion Ratio Lower Upper

93 100

66 93.4 74.5 111.7

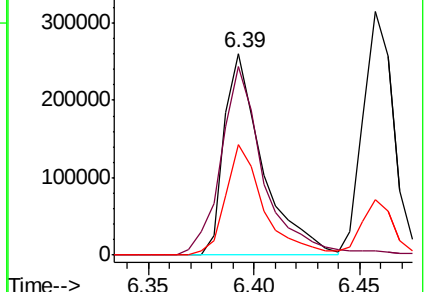
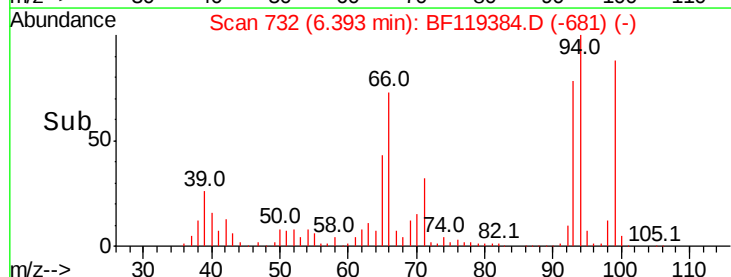
65 54.9 45.3 67.9

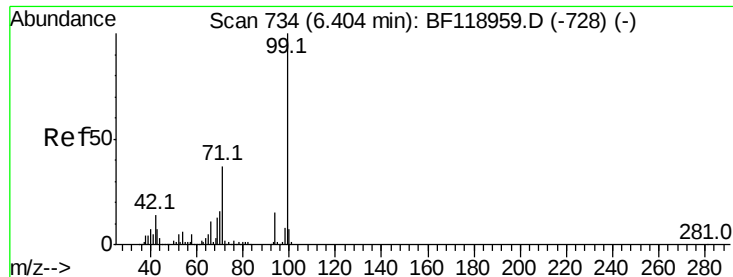


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.296 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampled :

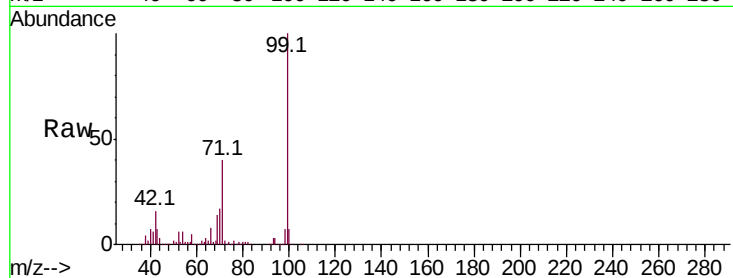
Tot Ion: 99 Resp: 1064382

Ion Ratio Lower Upper

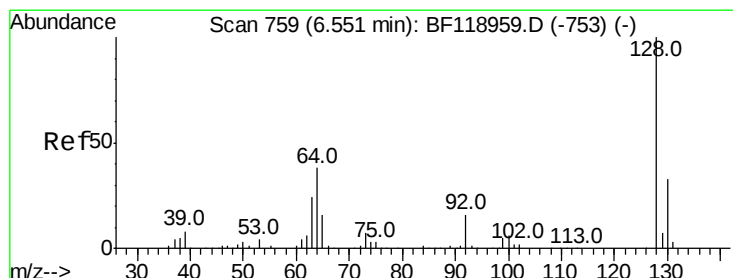
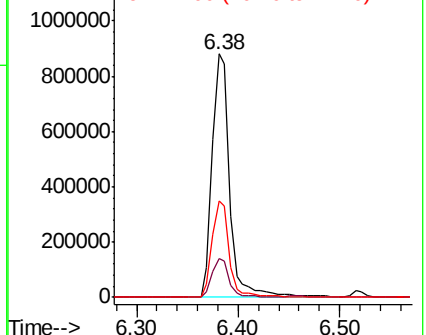
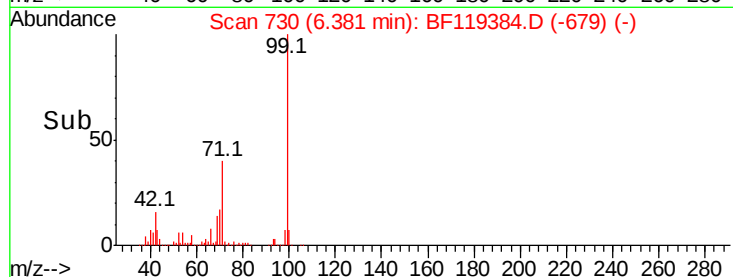
99 100

42 15.8 12.6 18.8

71 39.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.549 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

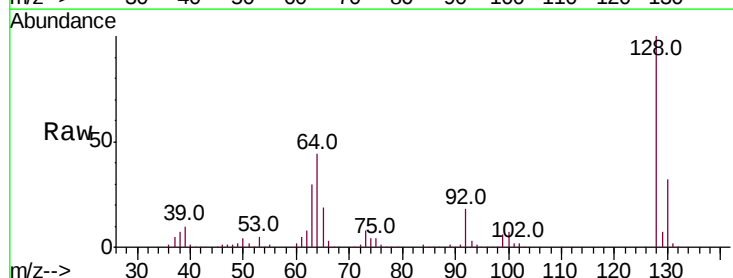
Tgt Ion: 128 Resp: 358425

Ion Ratio Lower Upper

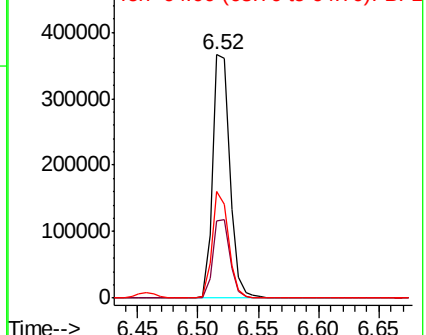
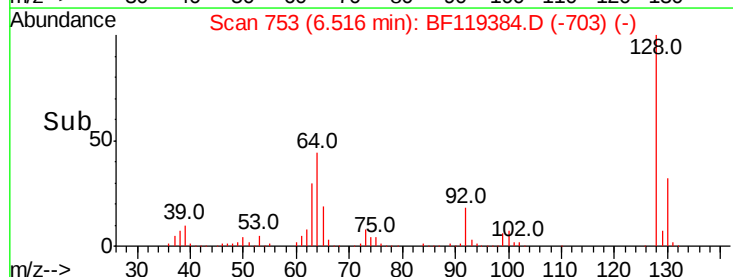
128 100

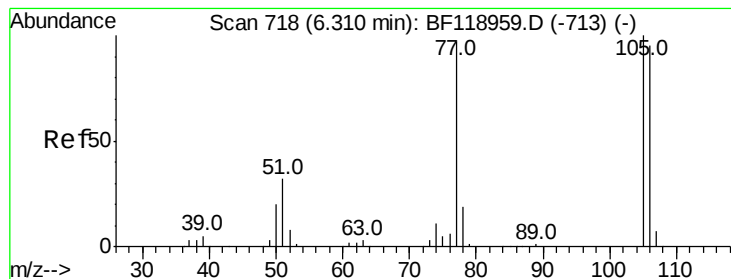
130 31.5 12.7 52.7

64 44.0 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
500000
Ion 130.00 (129.70 to 130.70): E
400000
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.931 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

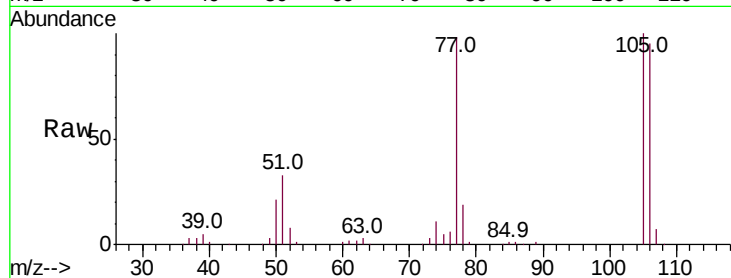
Tot Ion: 77 Resp: 237981

Ion Ratio Lower Upper

77 100

105 102.3 80.1 120.1

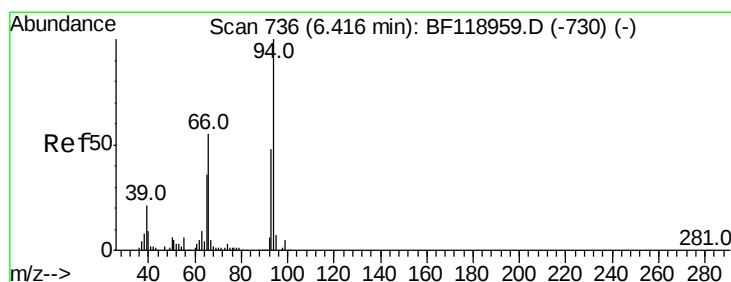
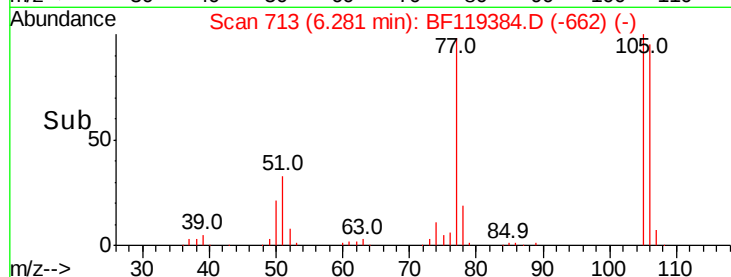
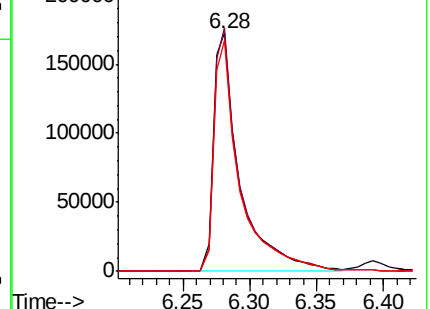
106 96.8 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.269 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

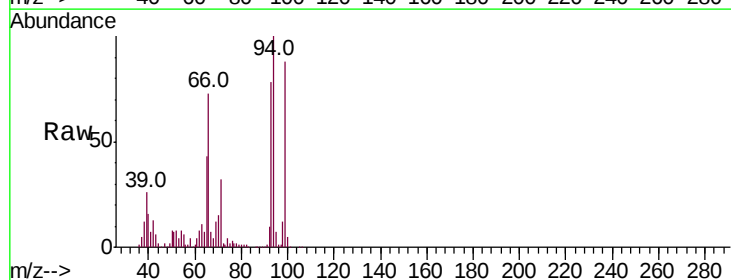
Tgt Ion: 94 Resp: 415771

Ion Ratio Lower Upper

94 100

65 42.9 19.2 59.2

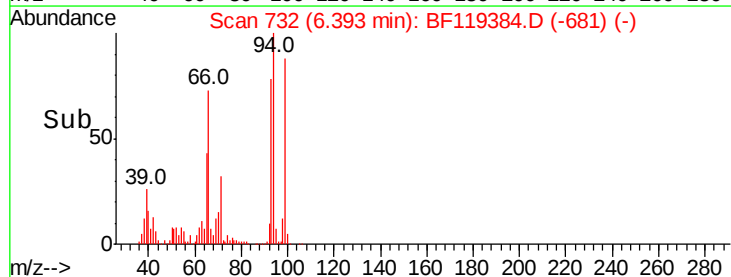
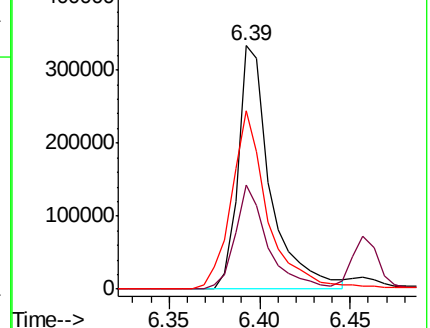
66 73.1 44.4 84.4

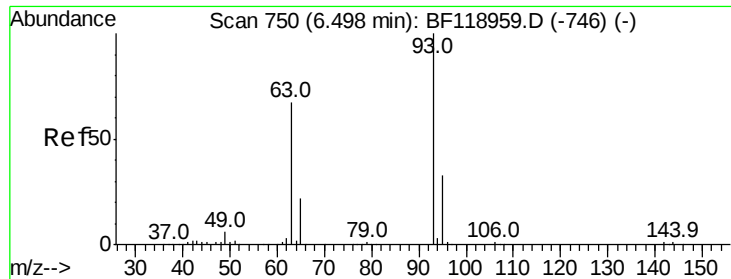


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

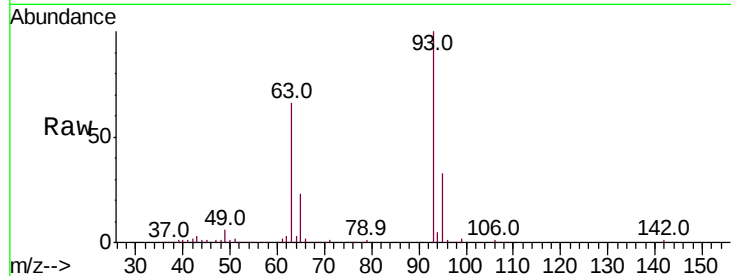




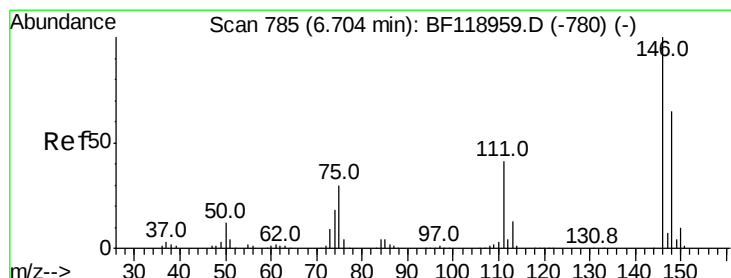
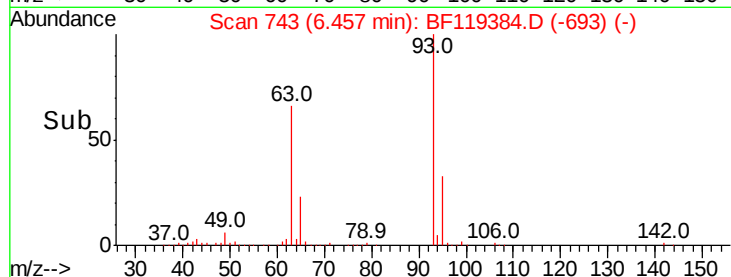
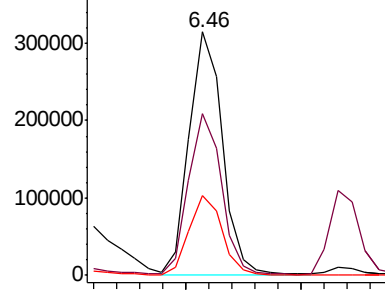
#11
bis(2-Chloroethyl)ether
Concen: 45.113 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 317032
Ion Ratio Lower Upper
93 100
63 66.4 45.4 85.4
95 32.7 13.5 53.5

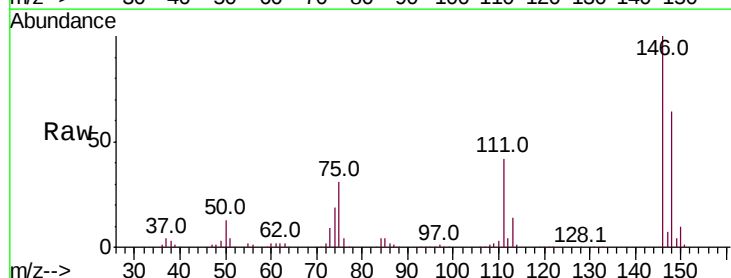


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

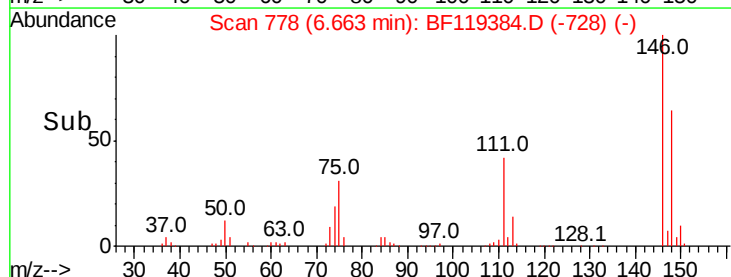
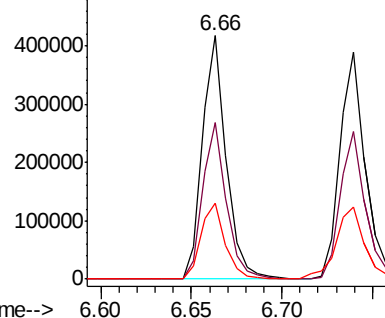


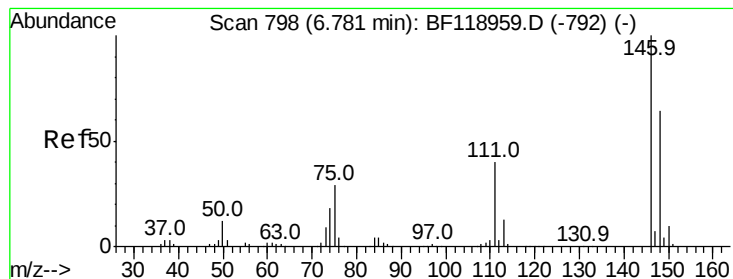
#12
1,3-Dichlorobenzene
Concen: 42.305 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion: 146 Resp: 382214
Ion Ratio Lower Upper
146 100
148 64.2 52.5 78.7
75 31.4 23.6 35.4



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: 43.187 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampled :

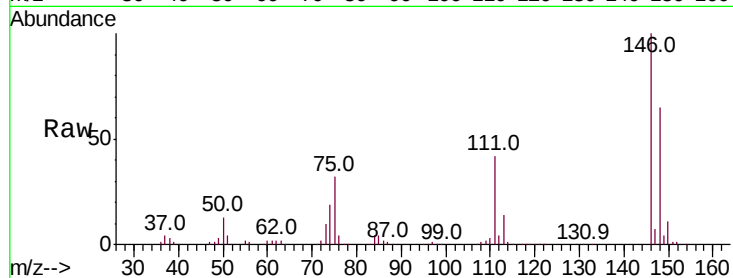
Tot Ion:146 Resp: 390450

Ion Ratio Lower Upper

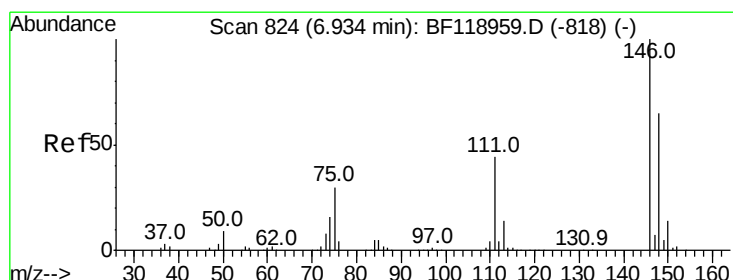
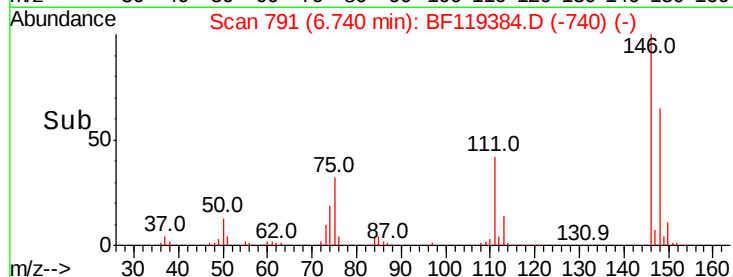
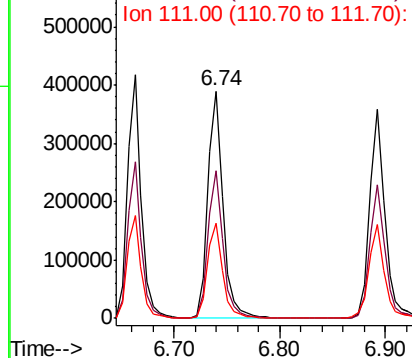
146 100

148 64.7 51.1 76.7

111 41.9 34.8 52.2



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: 42.858 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

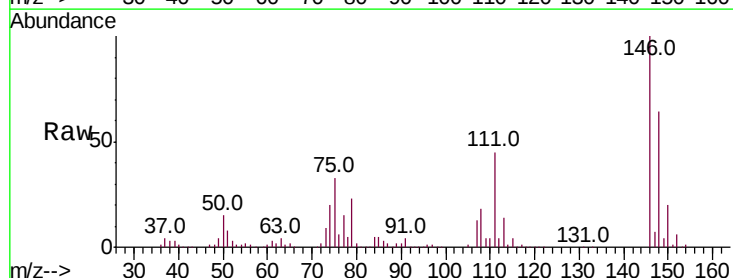
Tgt Ion:146 Resp: 353383

Ion Ratio Lower Upper

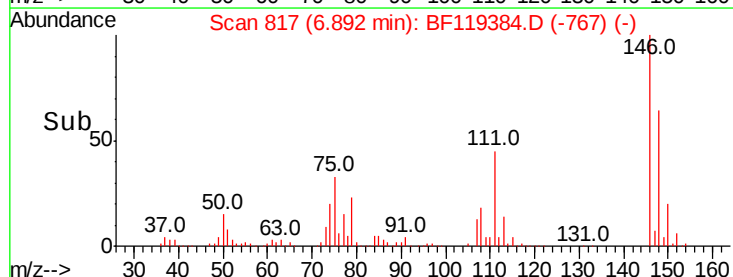
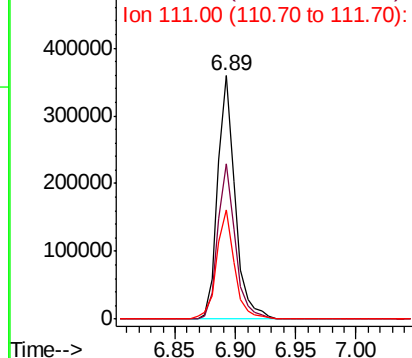
146 100

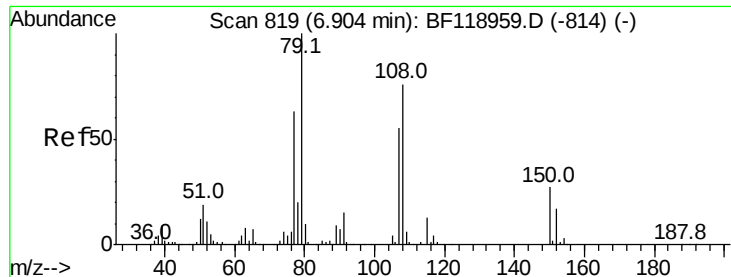
148 63.9 51.9 77.9

111 44.7 36.2 54.2



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: 48.232 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

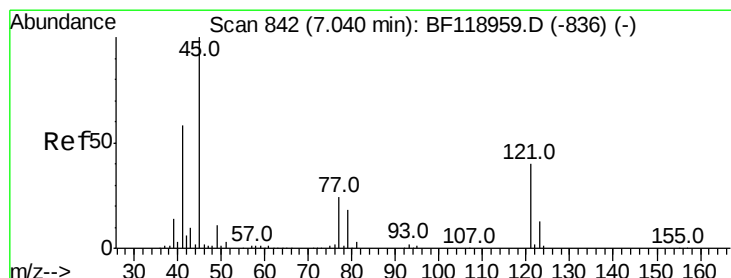
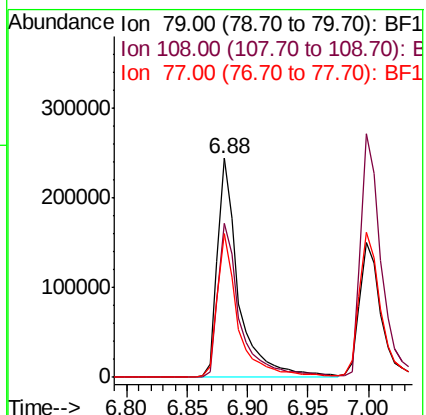
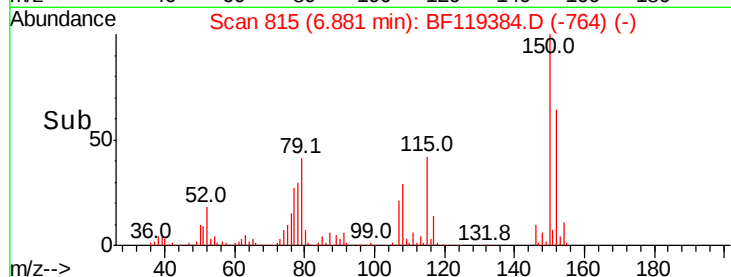
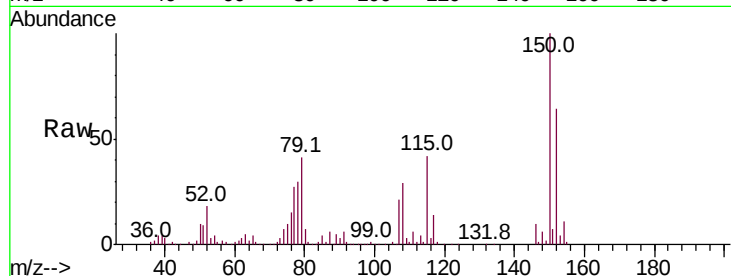
Tot Ion: 79 Resp: 296124

Ion Ratio Lower Upper

79 100

108 70.5 58.2 87.2

77 65.4 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.584 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

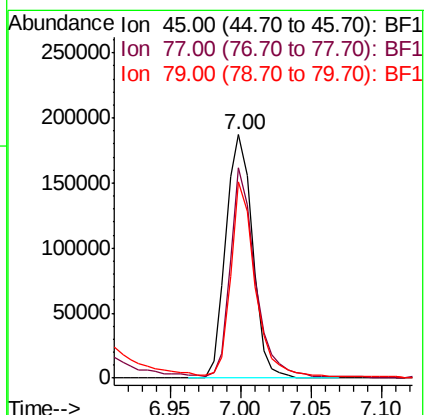
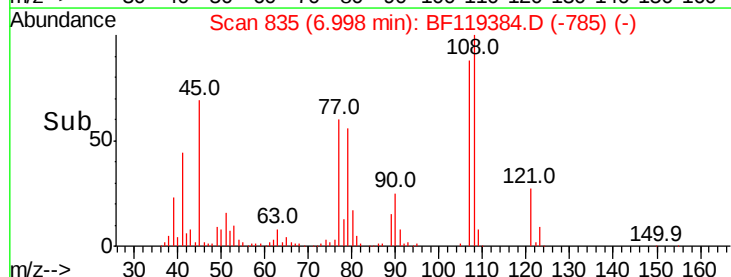
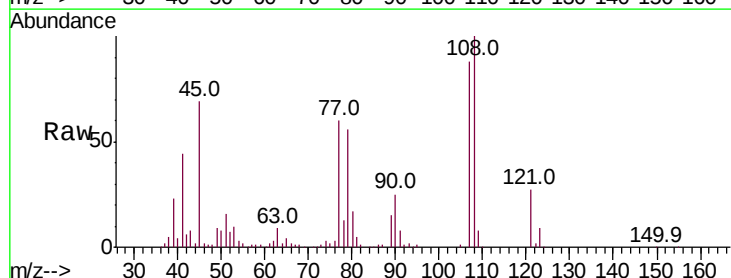
Tgt Ion: 45 Resp: 247057

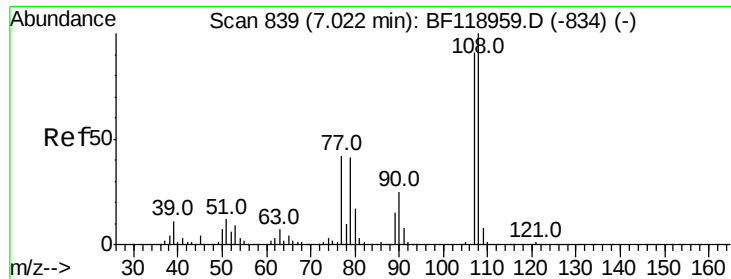
Ion Ratio Lower Upper

45 100

77 86.2 15.0 55.0#

79 80.5 9.4 49.4#

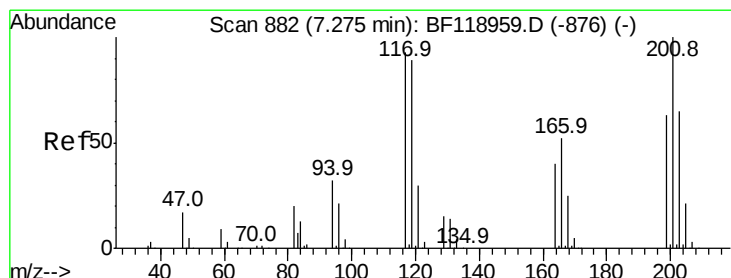
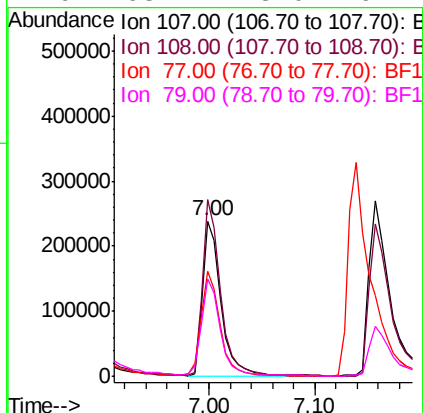
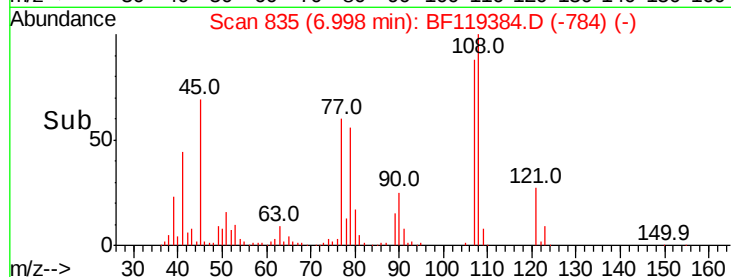
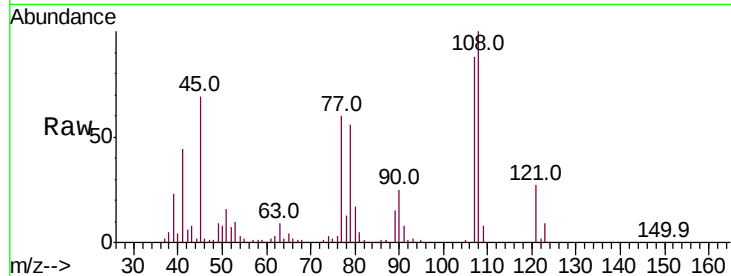




#17
2-Methylphenol
Concen: 46.886 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

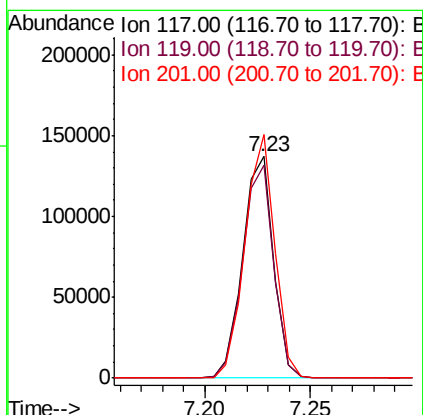
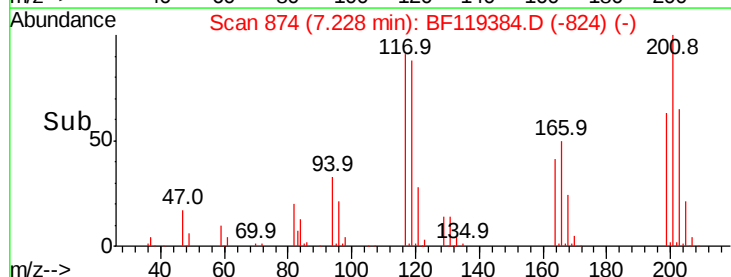
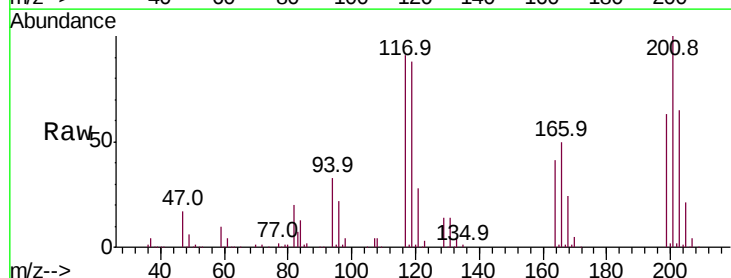
Instrument :
BNA_F
ClientSampled :

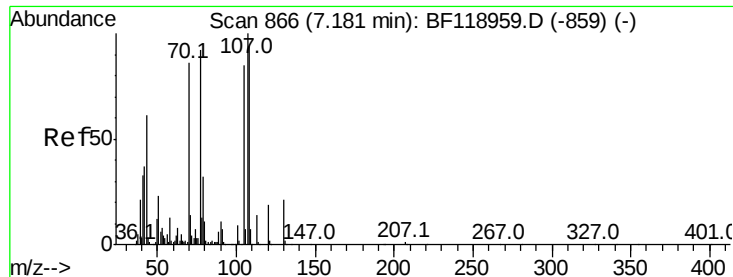
Tot Ion:107 Resp: 286546
Ion Ratio Lower Upper
107 100
108 113.5 87.9 131.9
77 67.6 45.3 67.9
79 63.1 43.0 64.4



#18
Hexachloroethane
Concen: 42.824 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:117 Resp: 138518
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
201 109.8 82.6 123.8

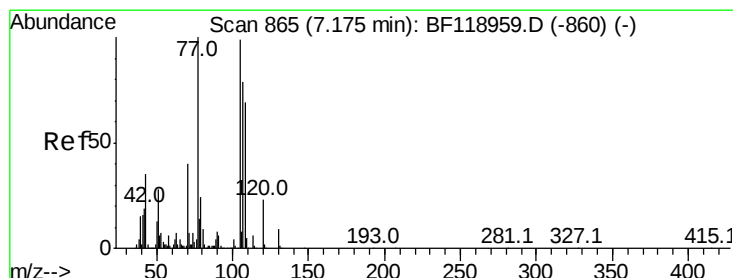
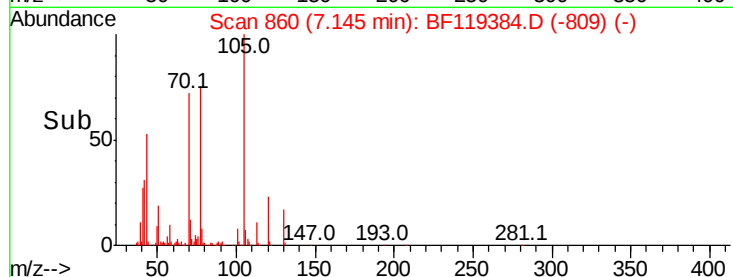
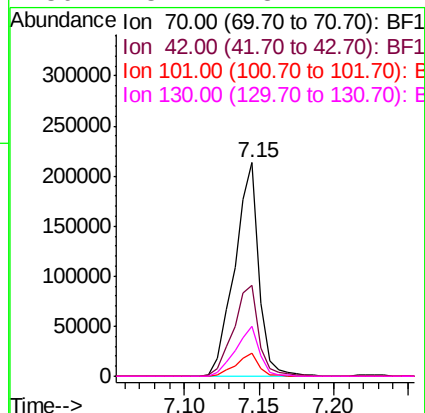
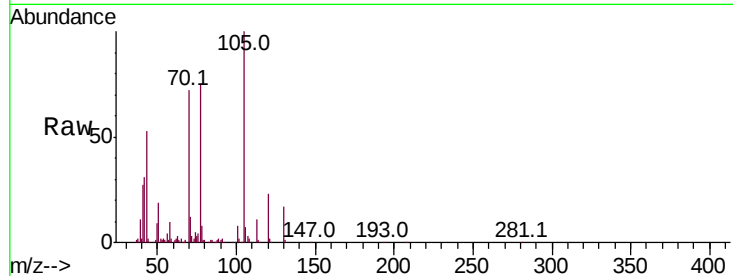




#19
n-Nitroso-di-n-propylamine
Concen: 49.134 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

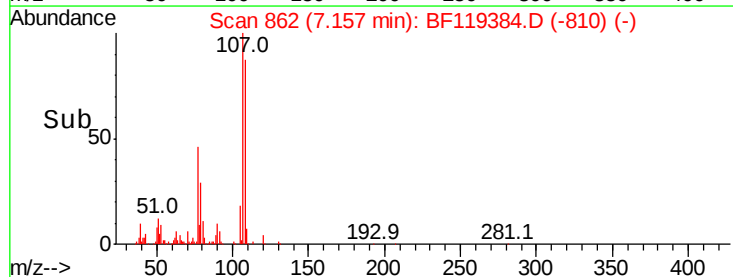
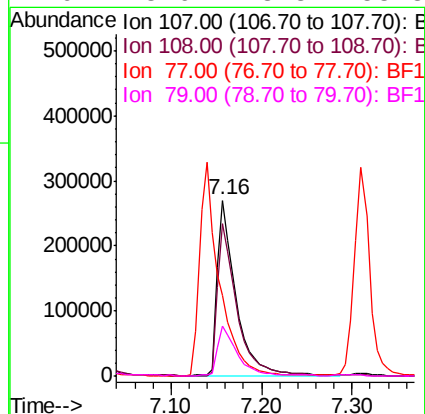
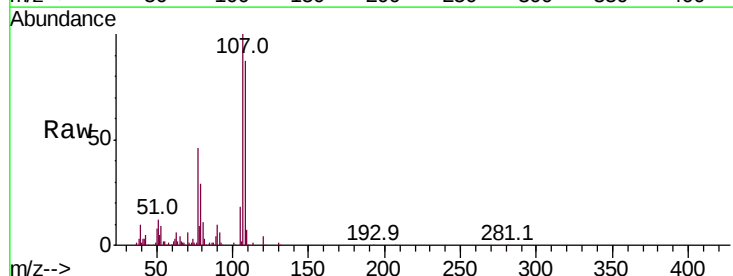
Instrument :
BNA_F
ClientSampleId :

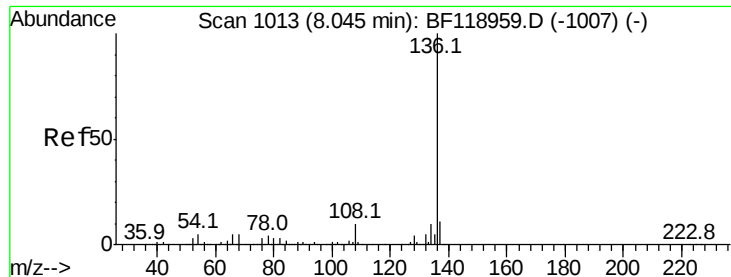
Tot Ion:	70	Resp:	243214
Ion	Ratio	Lower	Upper
70	100		
42	42.5	38.0	57.0
101	10.6	8.2	12.4
130	23.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 52.156 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:	107	Resp:	390517
Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.5	111.5
77	46.2	45.9	85.9
79	28.6	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 449370

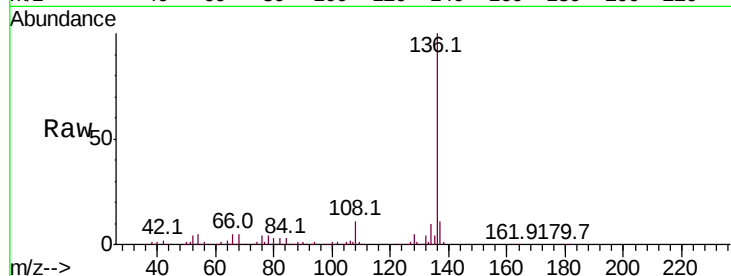
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.0 3.8 5.6

68 5.5 3.9 5.9

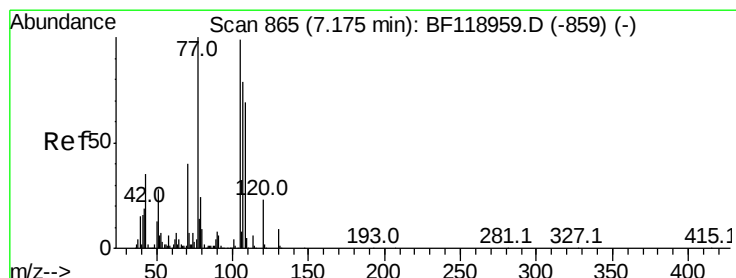
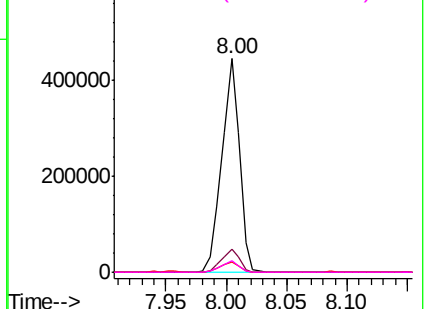
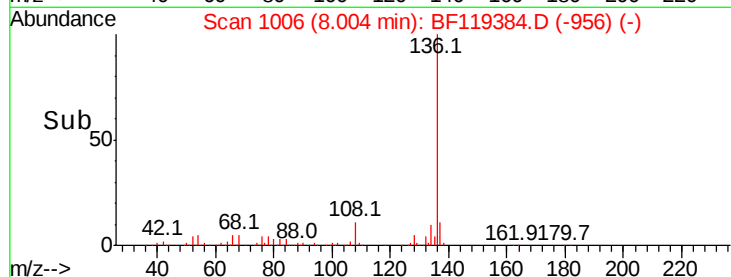


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.995 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:105 Resp: 478224

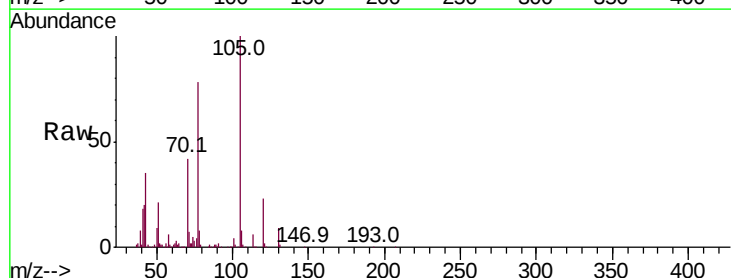
Ion Ratio Lower Upper

105 100

71 7.0 3.0 4.4#

51 20.6 20.1 30.1

120 22.5 18.0 27.0

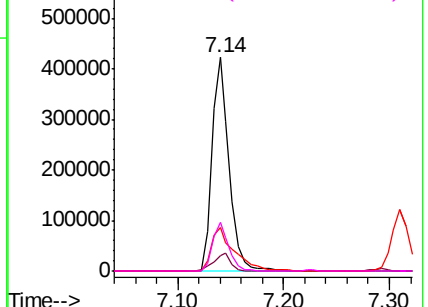
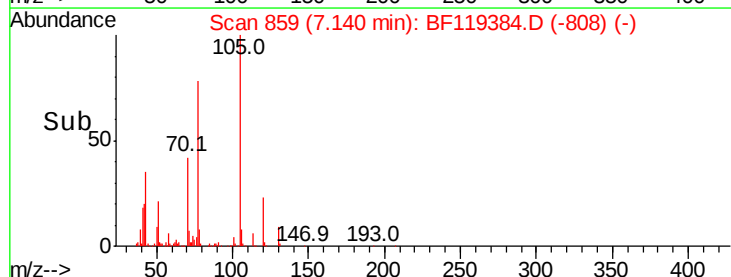


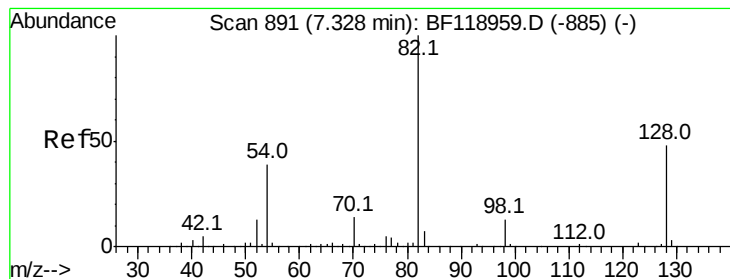
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.526 ng

RT: 7.29 min Scan# 885

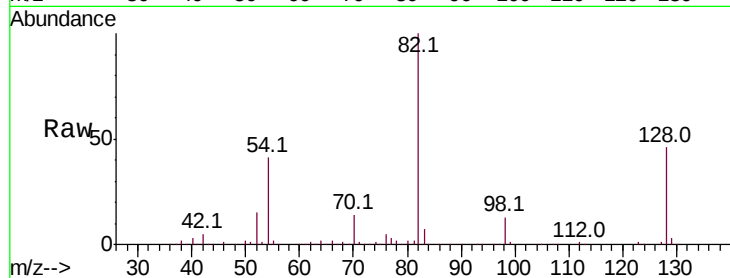
Delta R.T. 0.00 min

Lab File: BF119384.D

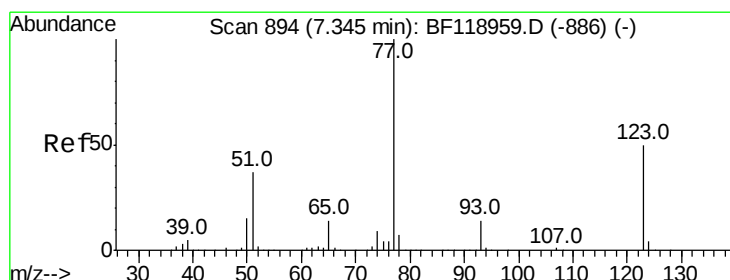
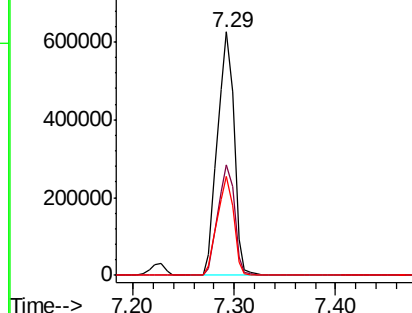
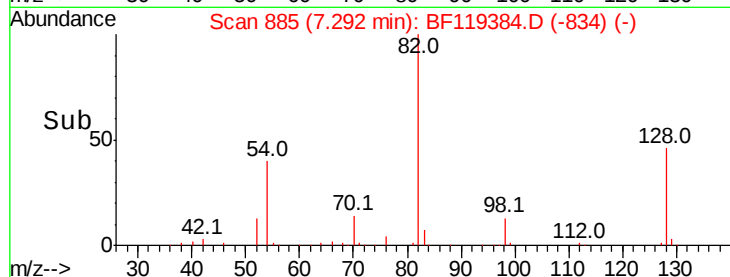
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	719385
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.9	56.9
54	40.9	33.4	50.2



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



#24

Nitrobenzene

Concen: 44.312 ng

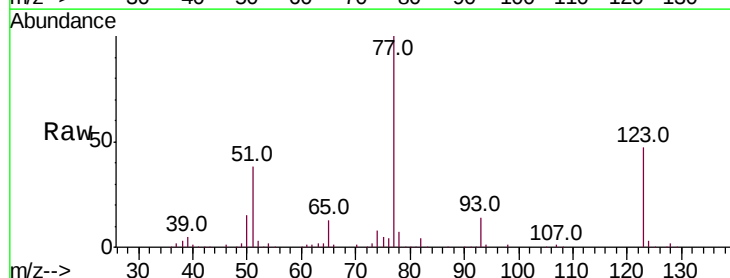
RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

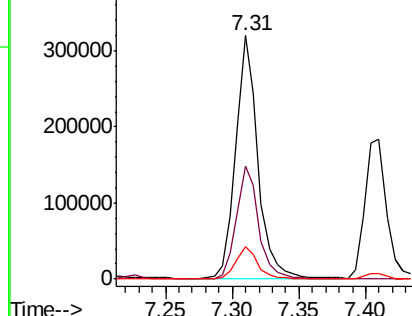
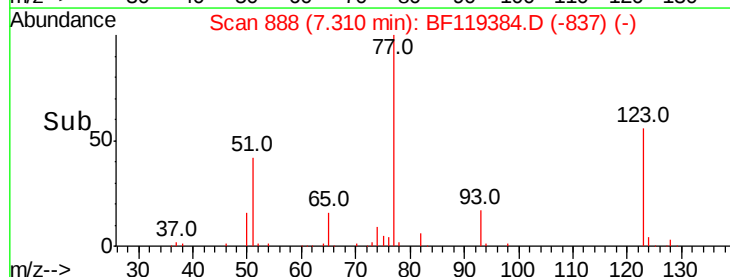
Lab File: BF119384.D

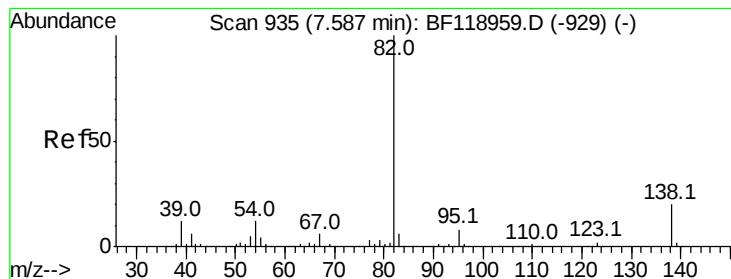
Acq: 12 Mar 2020 17:06

Tgt Ion:	77	Resp:	372941
Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.2	60.2
65	13.3	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.836 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

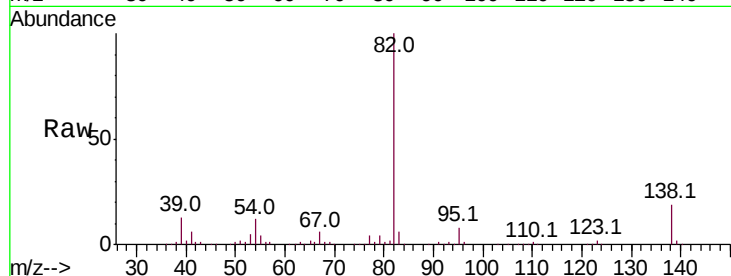
Tot Ion: 82 Resp: 662714

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

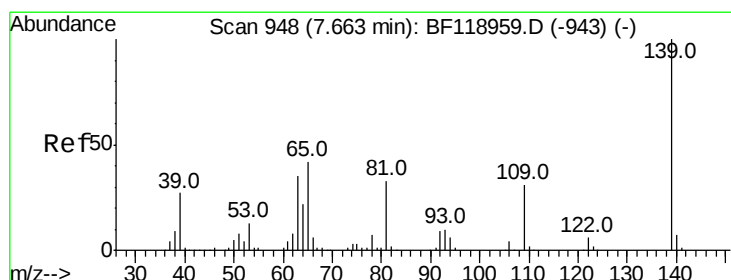
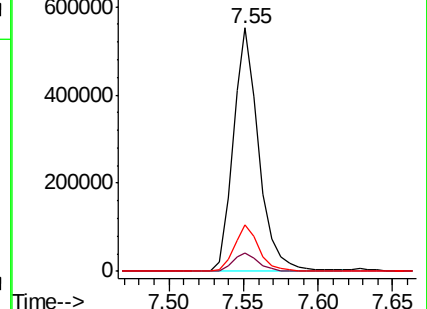
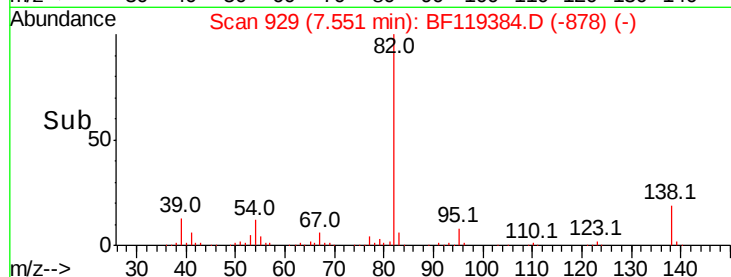
138 18.9 15.7 23.5



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: 44.261 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

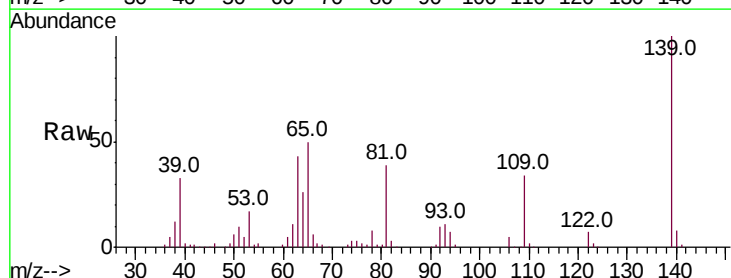
Tgt Ion:139 Resp: 197374

Ion Ratio Lower Upper

139 100

109 34.0 25.7 38.5

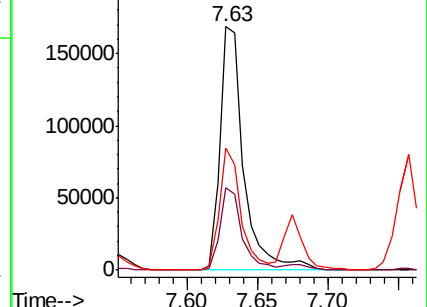
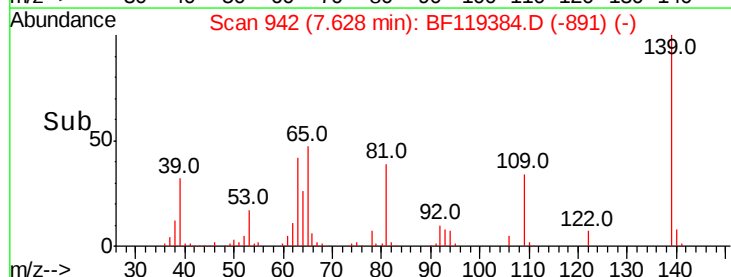
65 50.2 37.1 55.7

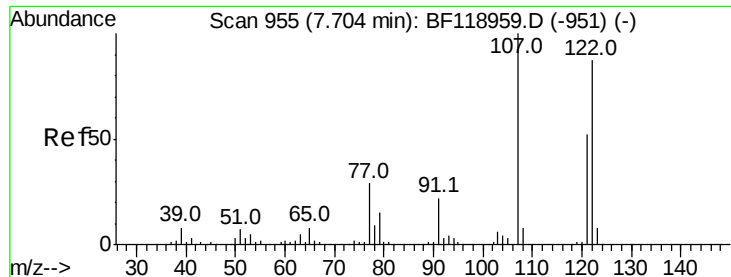


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

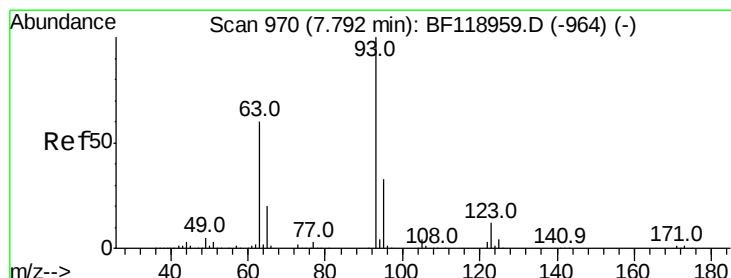
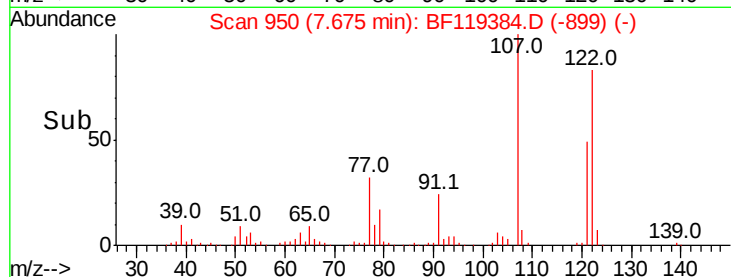
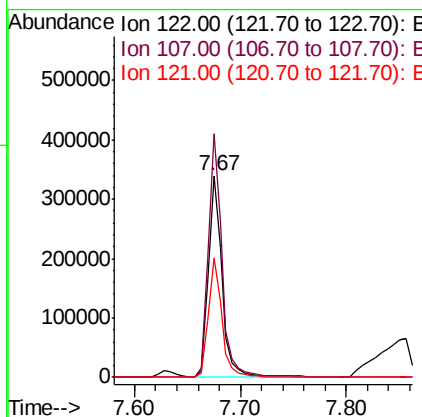
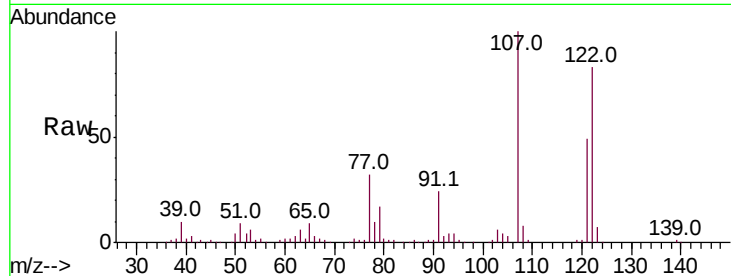




#27
2,4-Dimethylphenol
Concen: 50.248 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

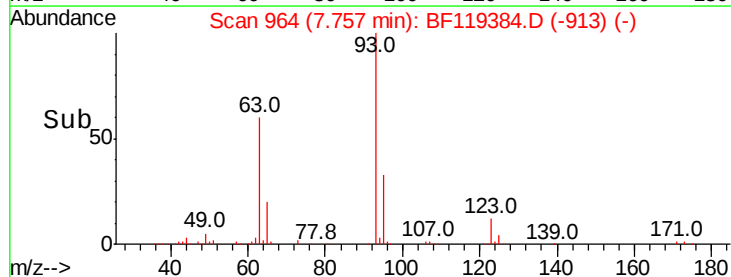
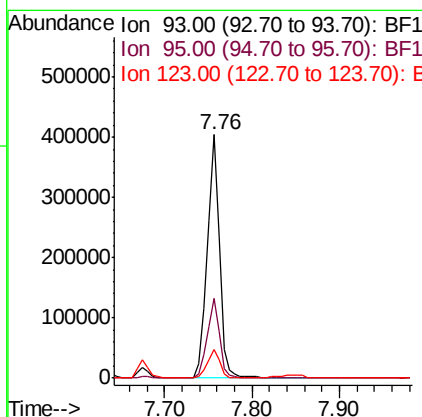
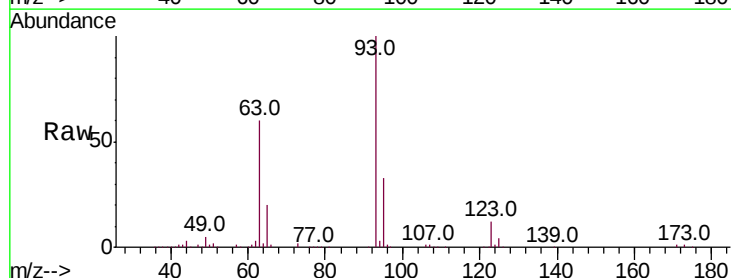
Instrument :
BNA_F
ClientSampled :

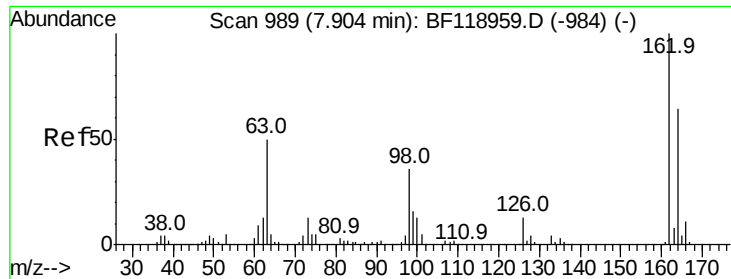
Tot Ion:122 Resp: 304108
Ion Ratio Lower Upper
122 100
107 120.7 93.8 140.6
121 58.9 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.444 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion: 93 Resp: 398722
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.8 10.2 15.2

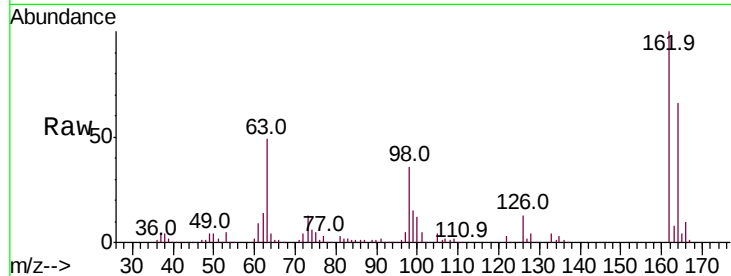




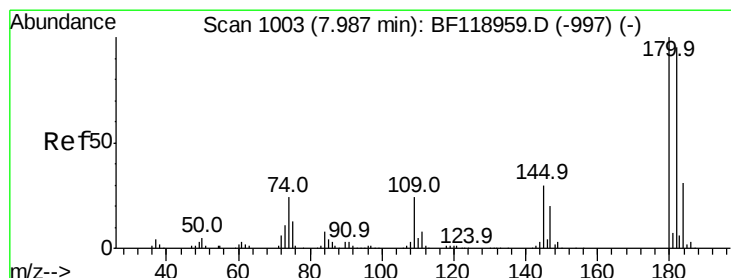
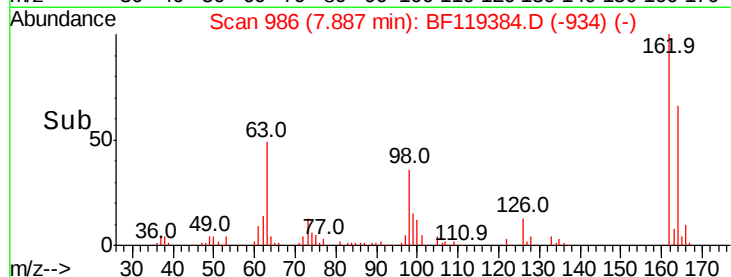
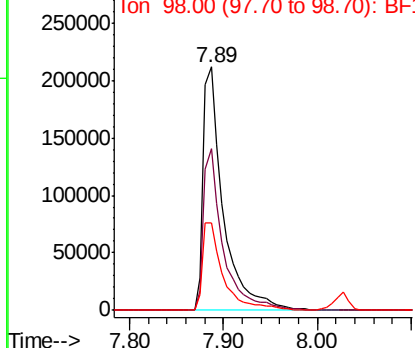
#29
 2,4-Dichlorophenol
 Concen: 44.467 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.2	85.2
98	35.8	17.4	57.4

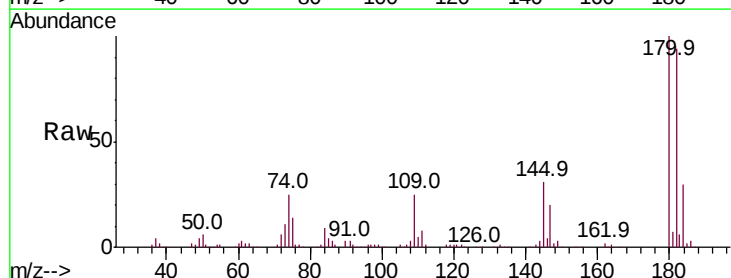


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

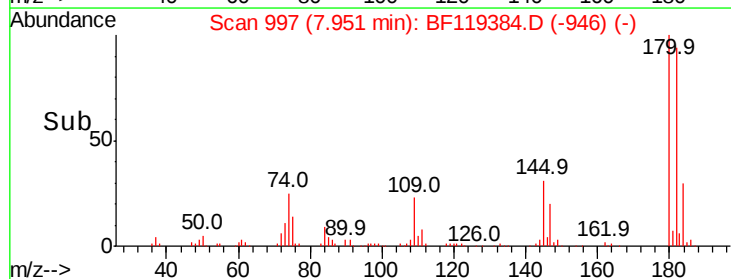
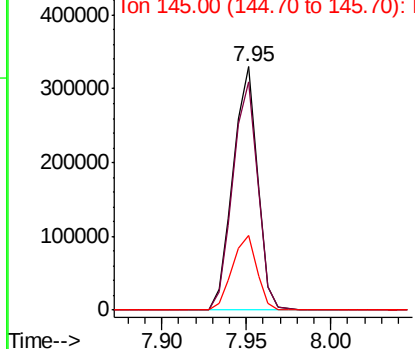


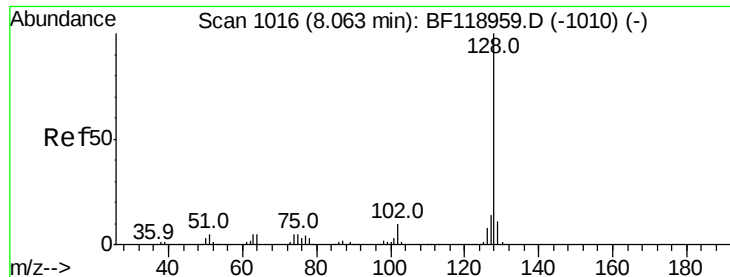
#30
 1,2,4-Trichlorobenzene
 Concen: 39.657 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.6
145	30.9	25.2	37.8



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: 43.762 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

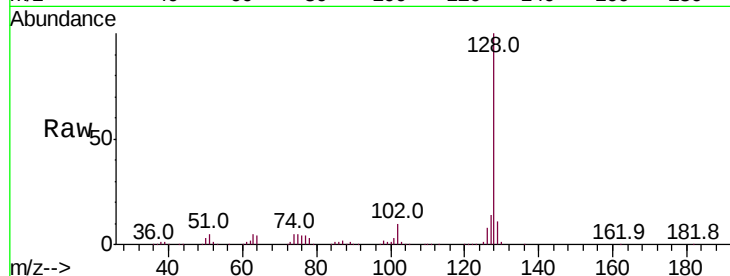
Tot Ion:128 Resp: 1019870

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

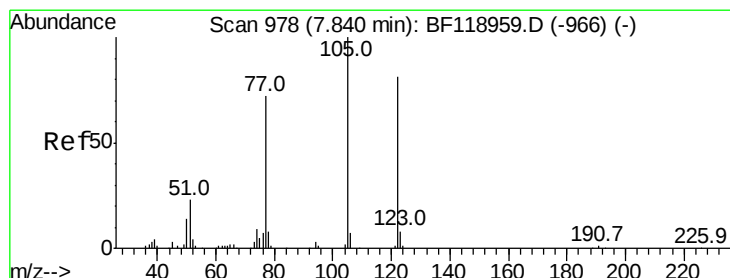
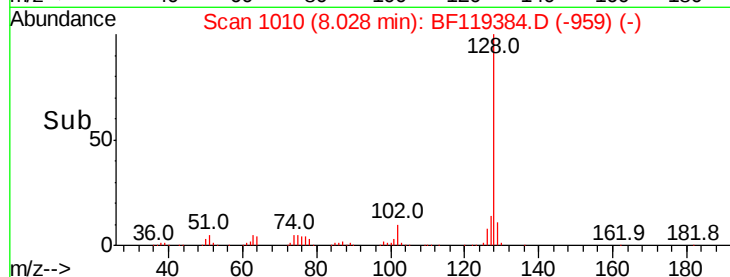
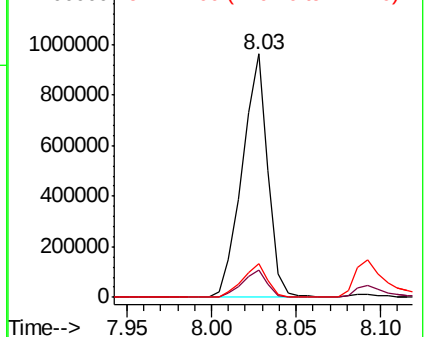
127 13.7 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.152 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

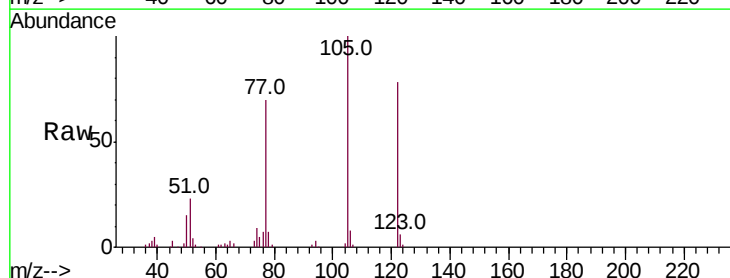
Tgt Ion:122 Resp: 156319

Ion Ratio Lower Upper

122 100

105 127.9 106.3 146.3

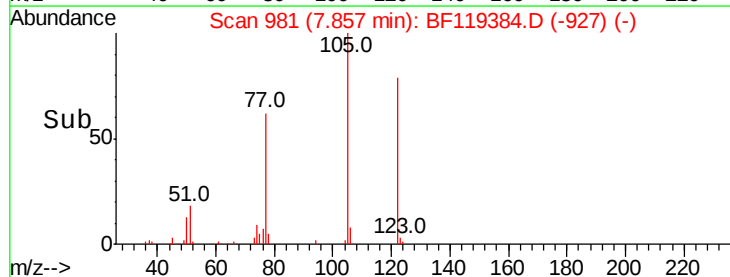
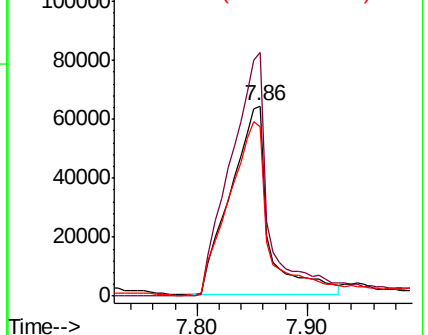
77 89.2 73.1 113.1

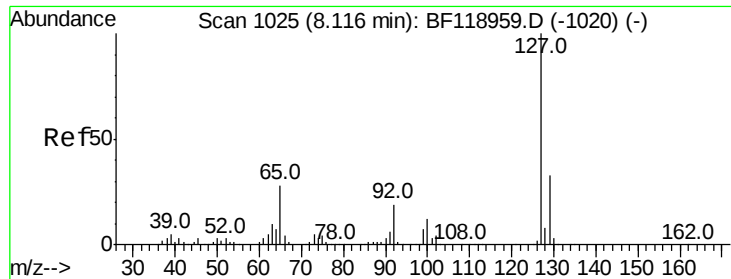


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

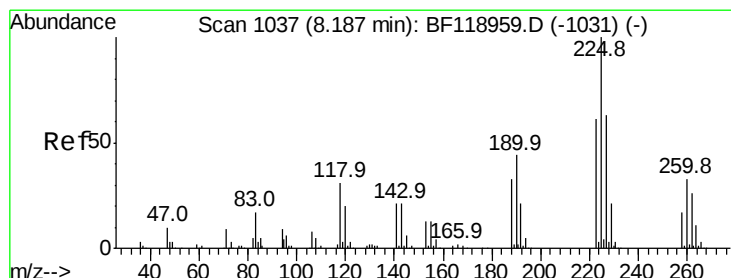
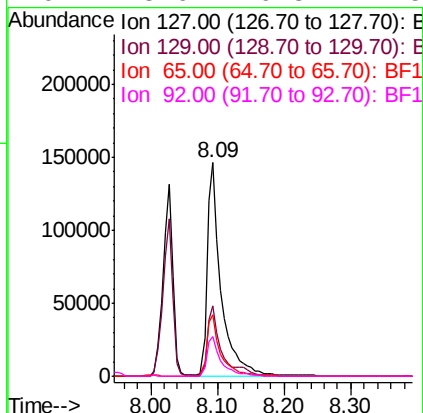
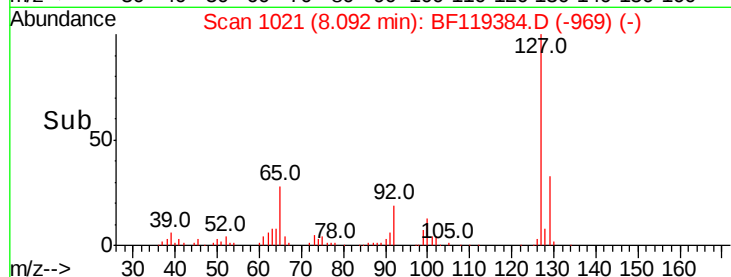
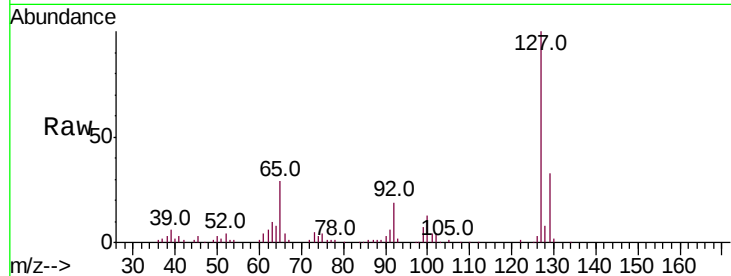




#33
4-Chloroaniline
Concen: 21.371 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

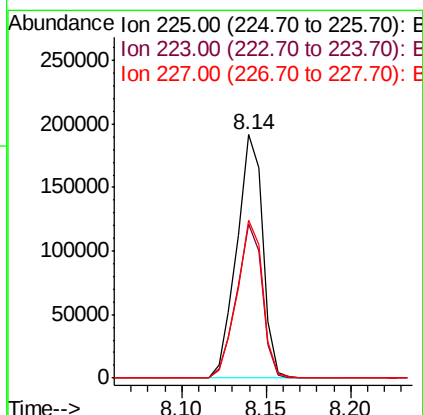
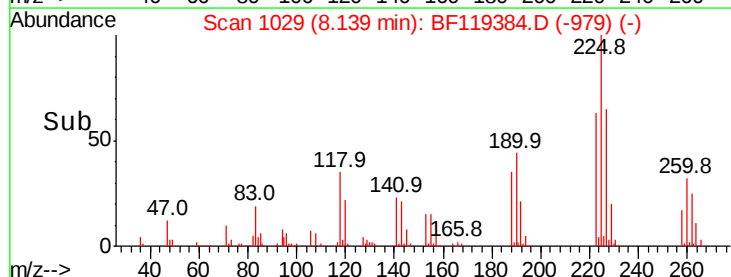
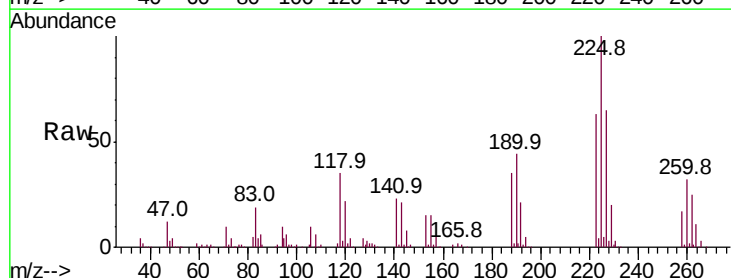
Instrument :
BNA_F
ClientSampleId :

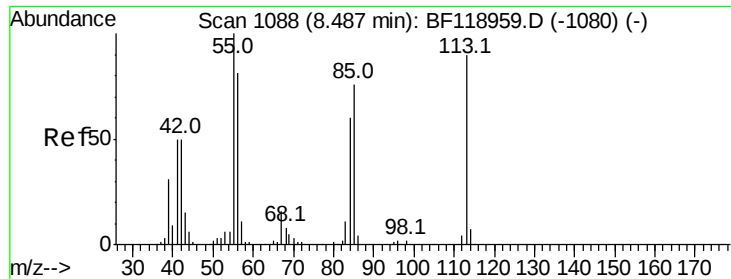
Tot Ion:	127	Resp:	214217
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.6	23.9	35.9
92	18.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.141 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:	225	Resp:	205958
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.6	52.9	79.3

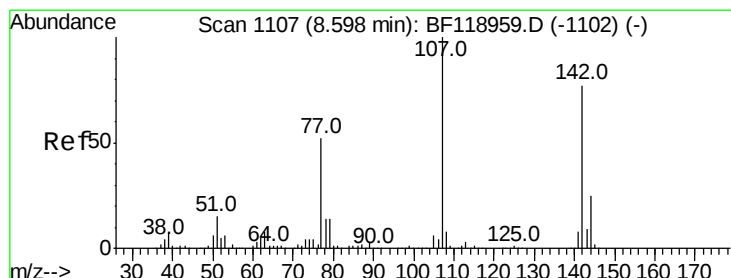
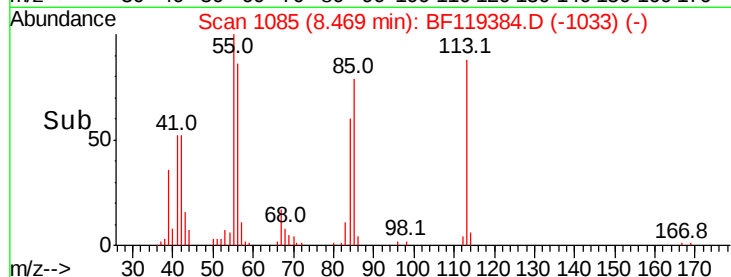
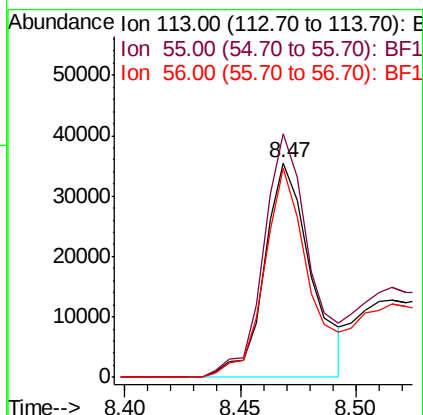
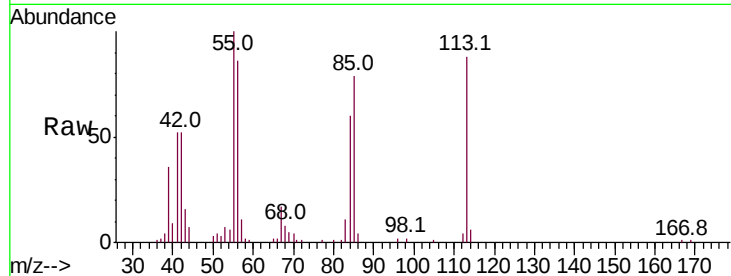




#35
 Caprolactam
 Concen: 22.694 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

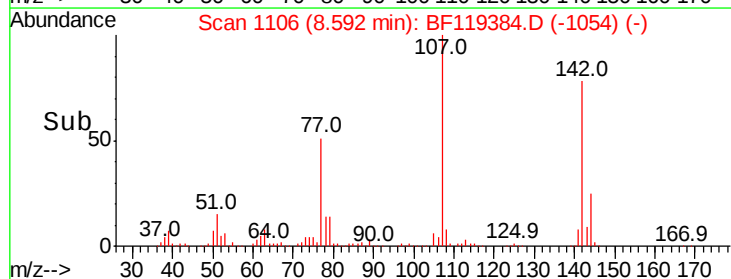
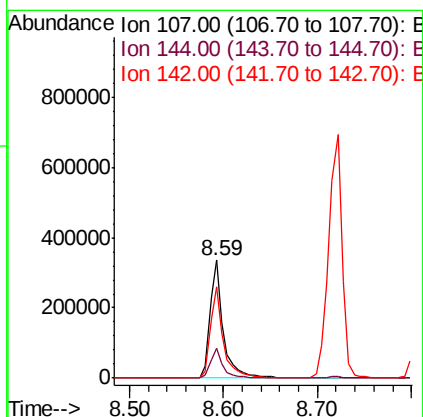
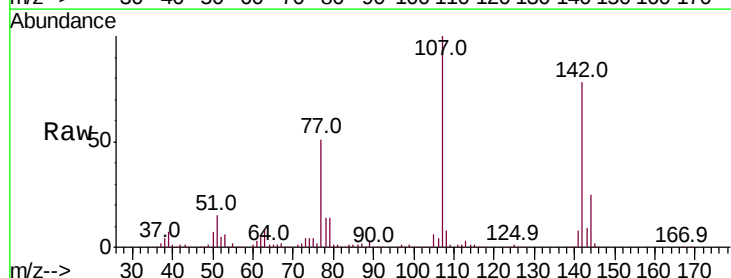
Instrument :
 BNA_F
 ClientSampled :

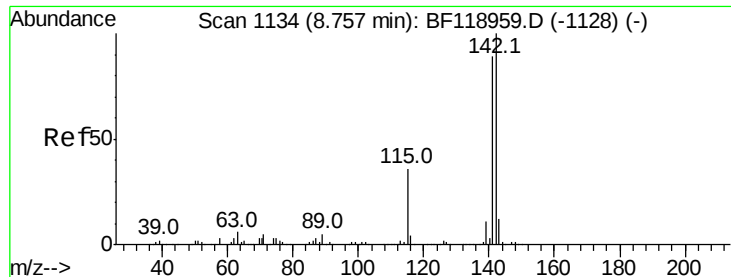
Tot Ion:113 Resp: 49786
 Ion Ratio Lower Upper
 113 100
 55 113.3 95.7 135.7
 56 97.5 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.392 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:107 Resp: 334514
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.1 30.1
 142 77.6 61.4 92.2

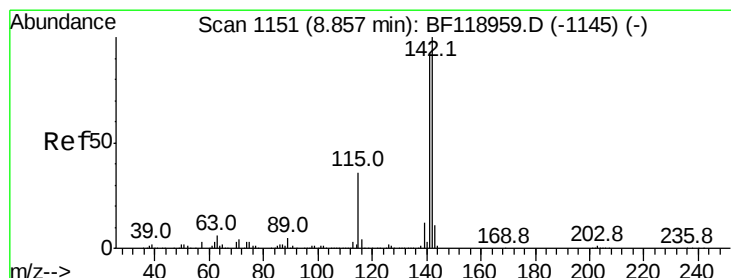
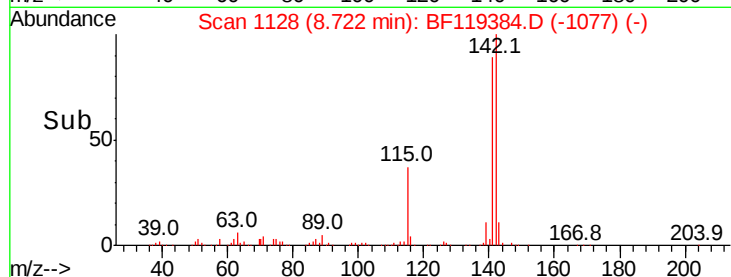
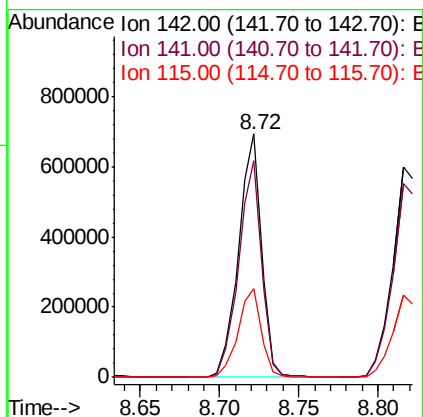
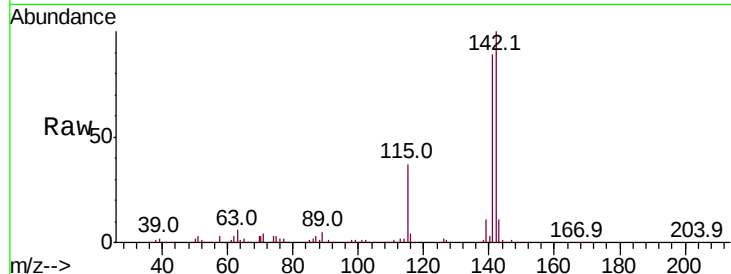




#37
2-Methylnaphthalene
Concen: 44.144 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

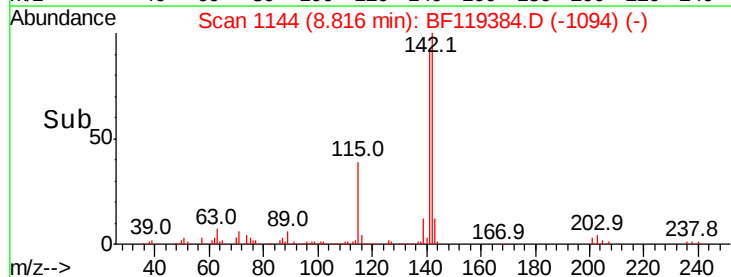
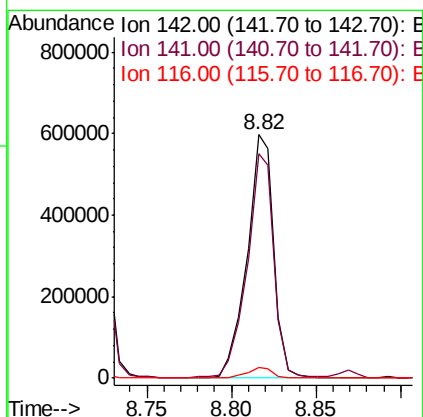
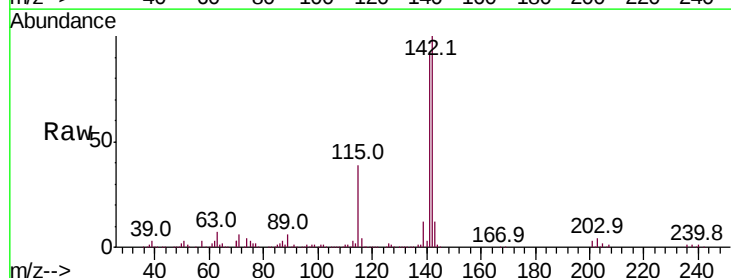
Instrument :
BNA_F
ClientSampleId :

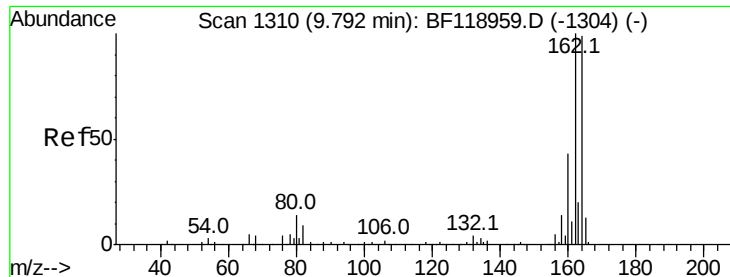
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.3	108.5
115	36.5	30.6	45.8



#38
1-Methylnaphthalene
Concen: 44.224 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.6
116	4.1	3.1	4.7

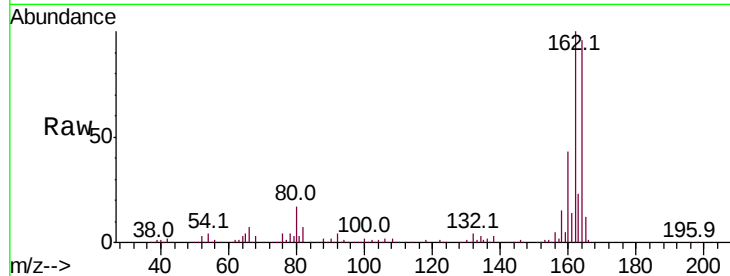




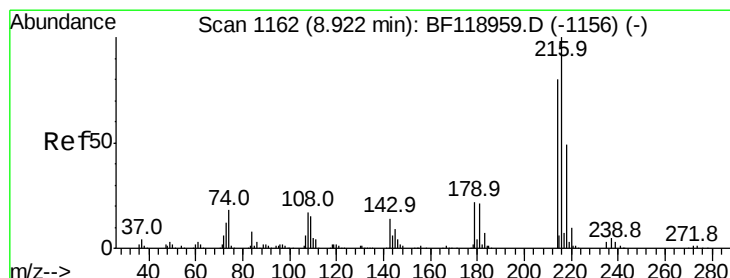
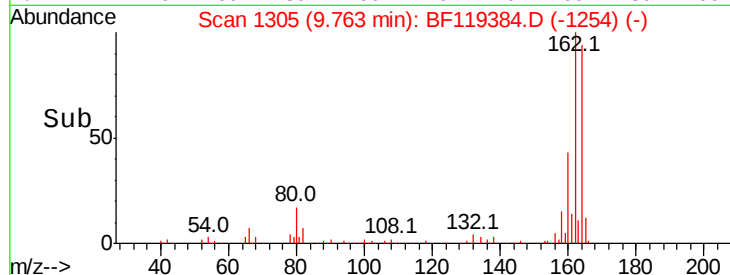
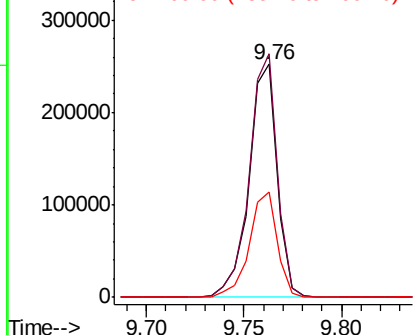
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251138
Ion Ratio Lower Upper
164 100
162 104.5 81.8 122.8
160 45.3 36.0 54.0

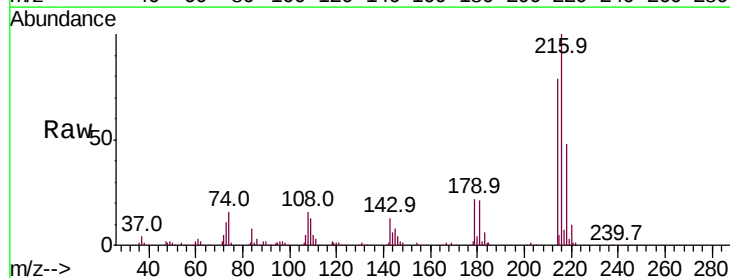


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

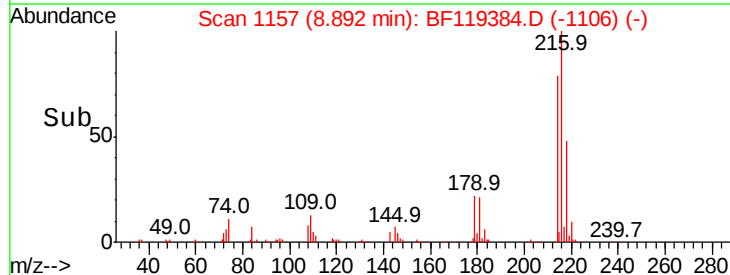
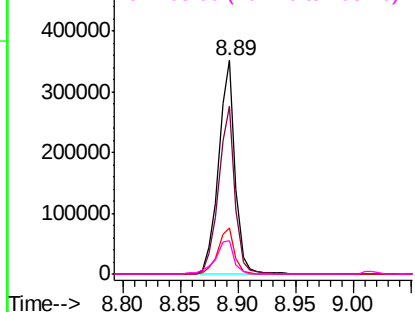


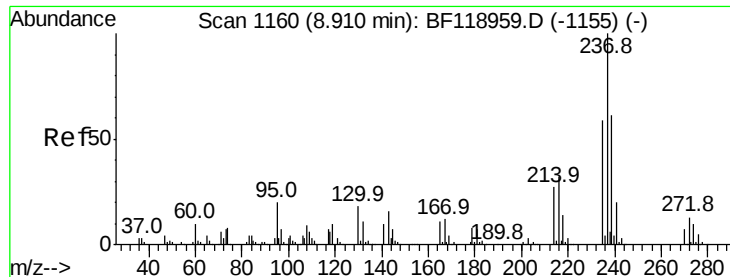
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.149 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:216 Resp: 348421
Ion Ratio Lower Upper
216 100
214 77.8 63.3 94.9
179 21.7 17.7 26.5
108 17.9 13.9 20.9



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: 45.729 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

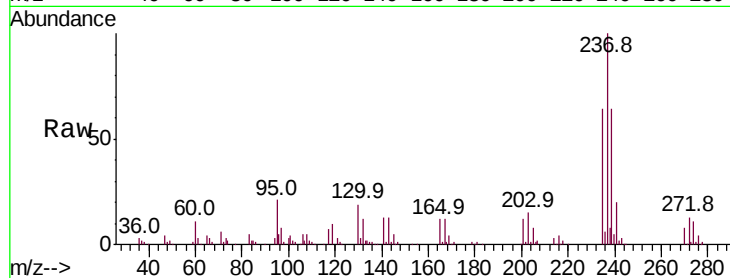
Tot Ion:237 Resp: 126886

Ion Ratio Lower Upper

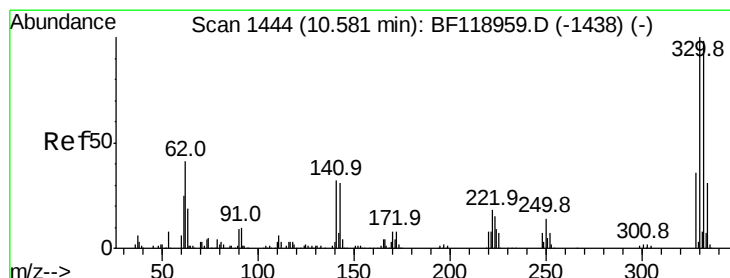
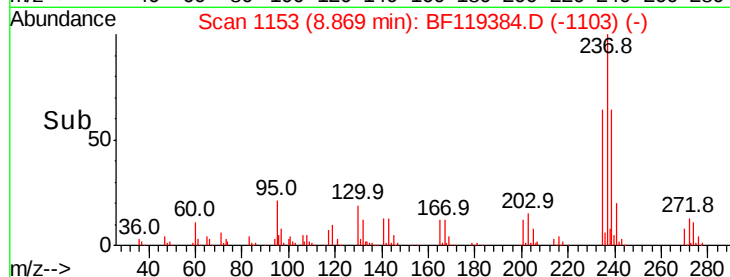
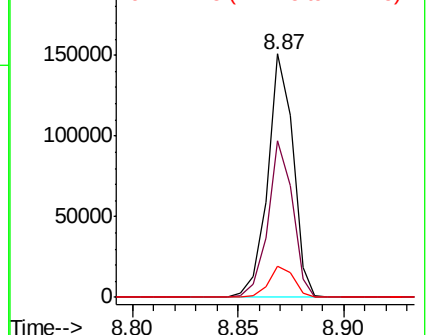
237 100

235 64.2 42.3 82.3

272 12.6 0.0 33.5



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: 119.183 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

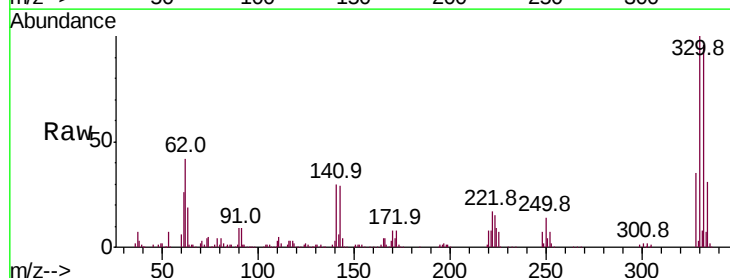
Tgt Ion:330 Resp: 391554

Ion Ratio Lower Upper

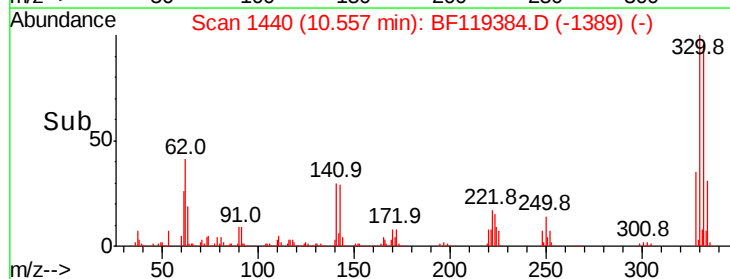
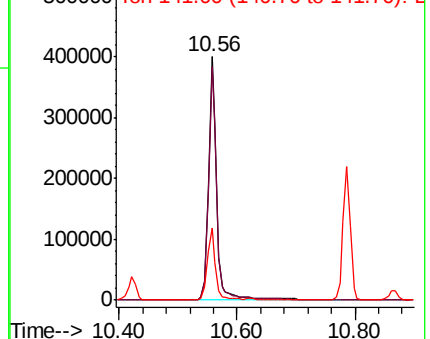
330 100

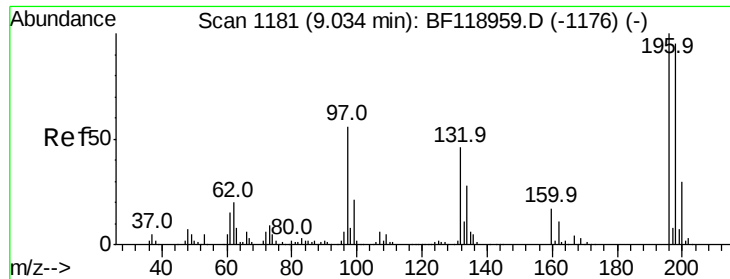
332 96.2 76.0 114.0

141 29.1 22.9 34.3



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

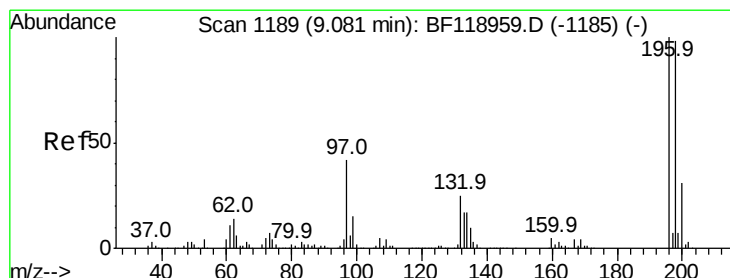
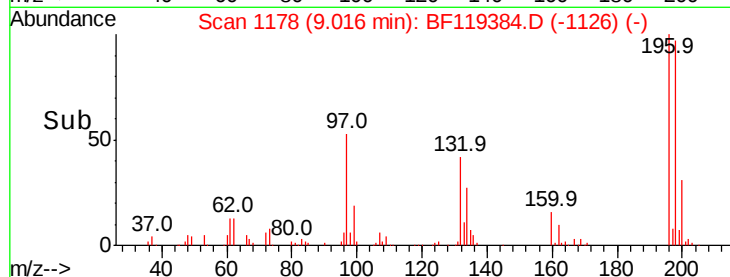
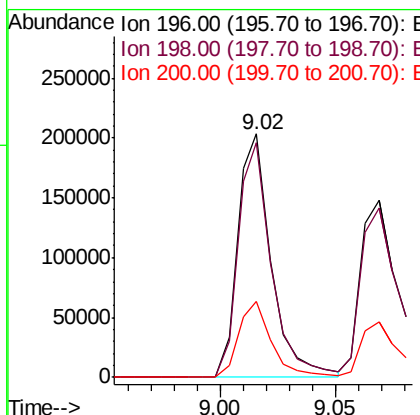
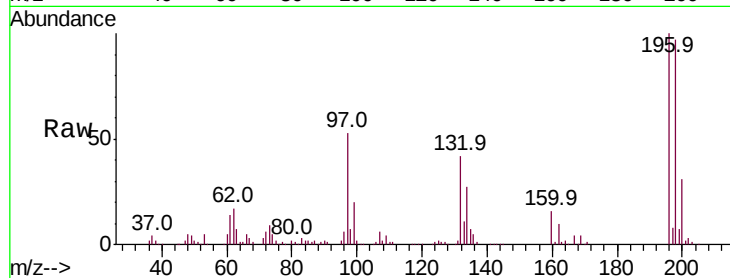




#43
 2,4,6-Trichlorophenol
 Concen: 38.575 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

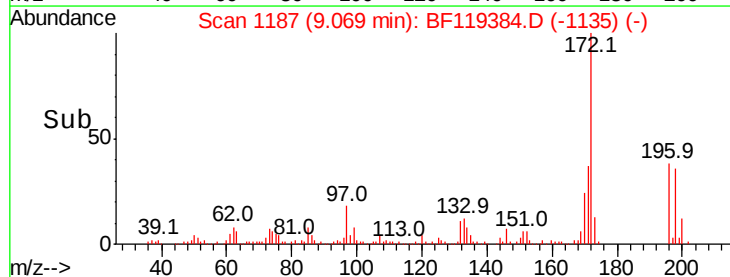
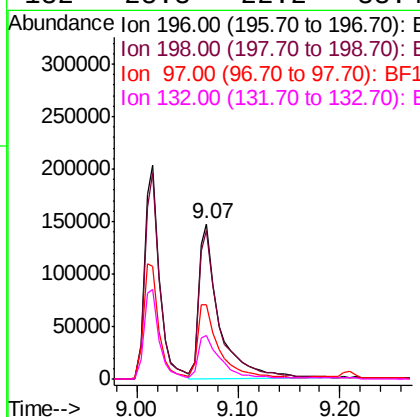
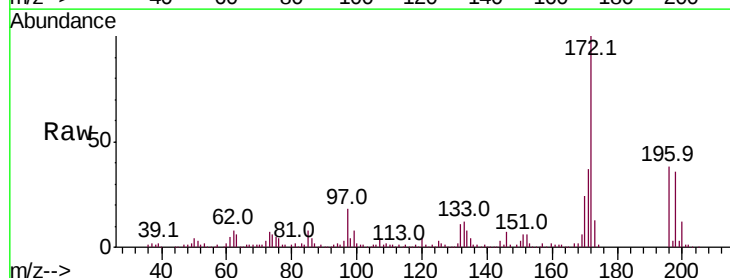
Instrument :
 BNA_F
 ClientSampleId :

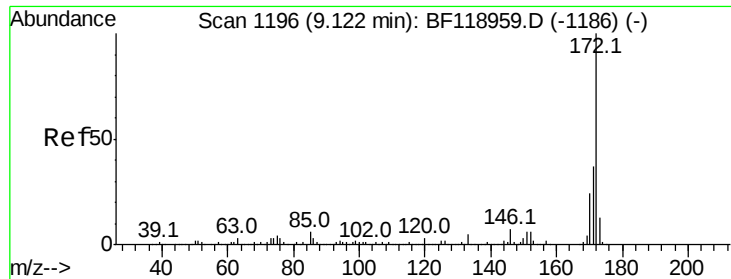
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	31.4	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.242 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.8	115.2
97	48.0	38.5	57.7
132	28.3	22.2	33.4





#45

2-Fluorobiphenyl

Concen: 82.651 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

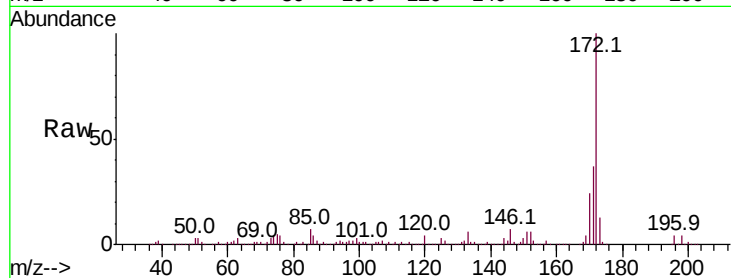
Tot Ion:172 Resp: 1408979

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

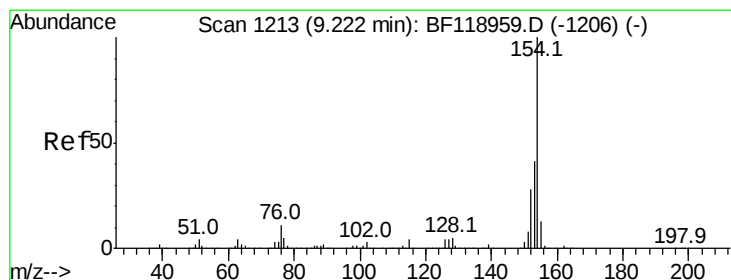
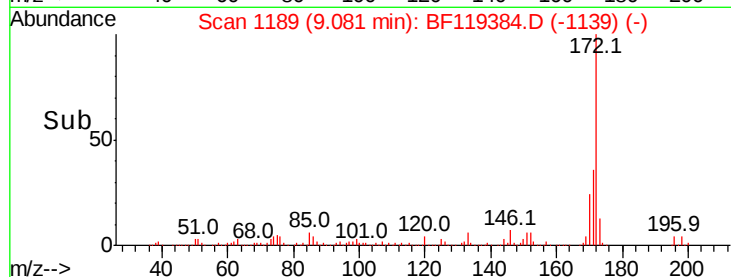
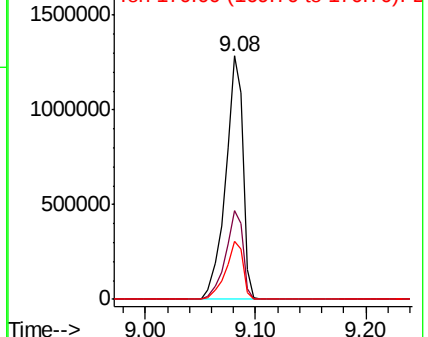
170 24.0 20.2 30.2



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: 41.903 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

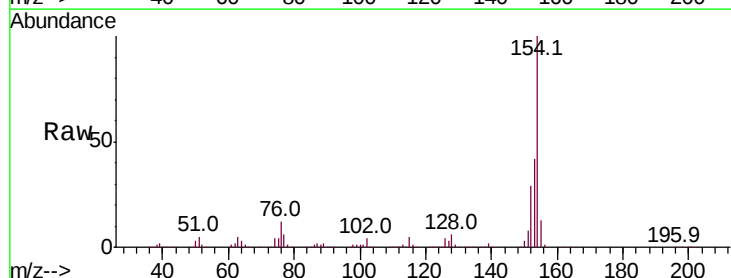
Tgt Ion:154 Resp: 850500

Ion Ratio Lower Upper

154 100

153 41.5 22.8 62.8

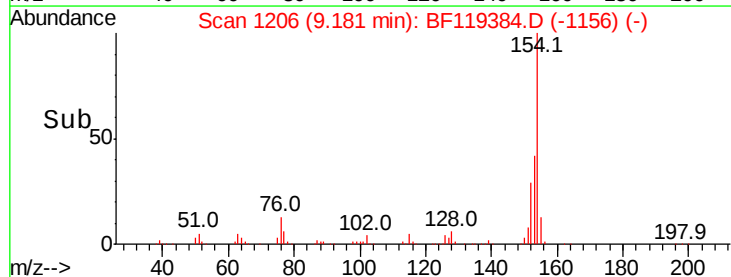
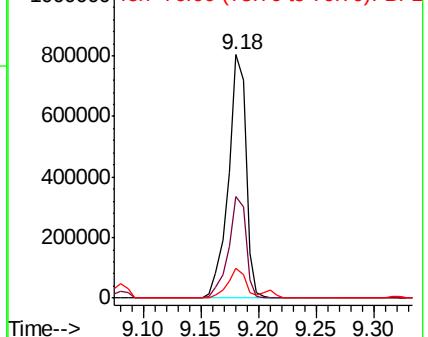
76 12.5 0.0 32.2

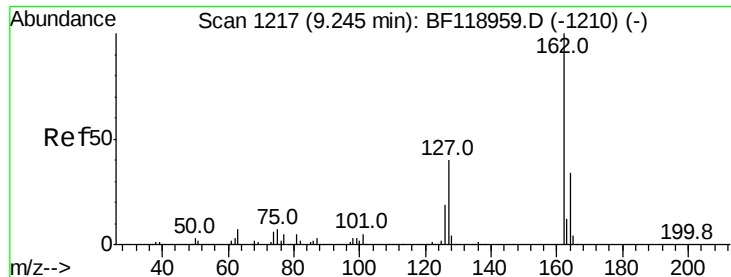


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

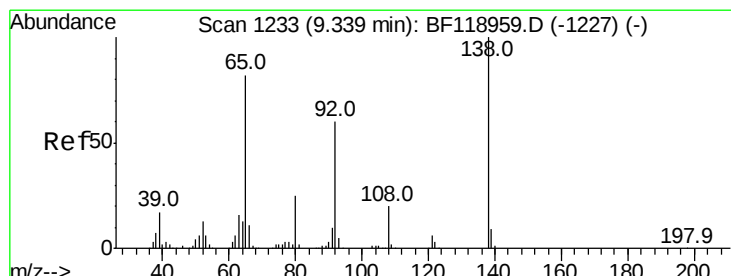
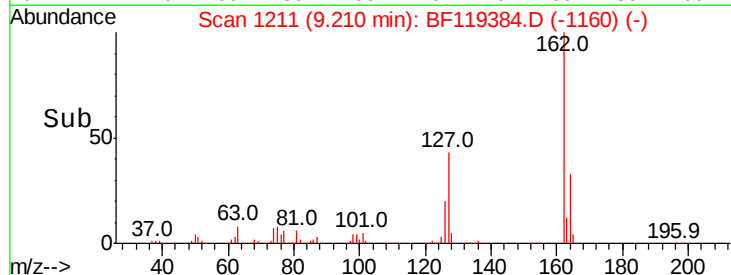
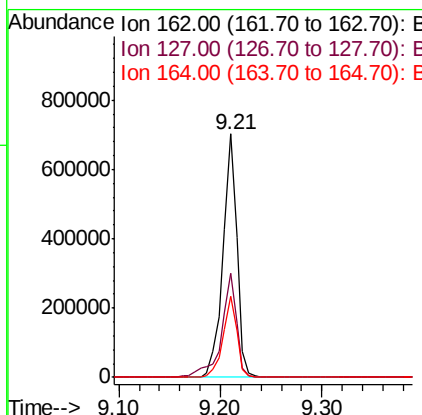
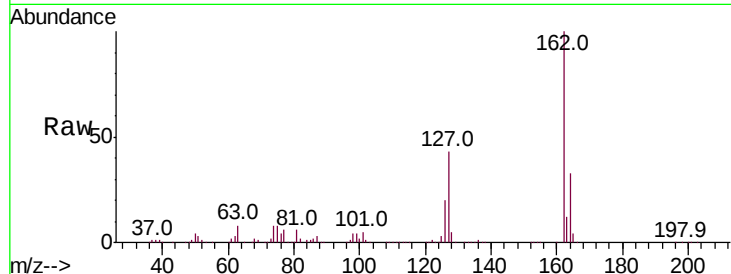




#47
 2-Chloronaphthalene
 Concen: 40.958 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

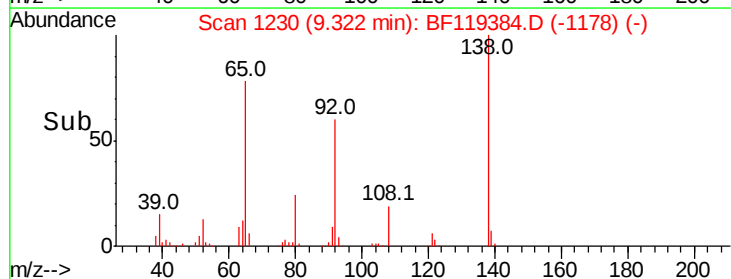
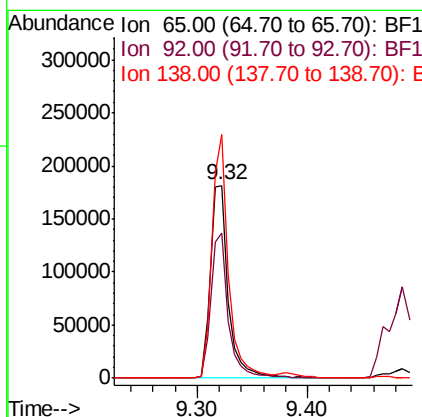
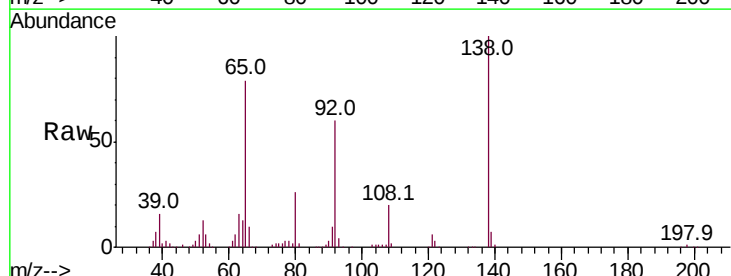
Instrument :
 BNA_F
 ClientSampleId :

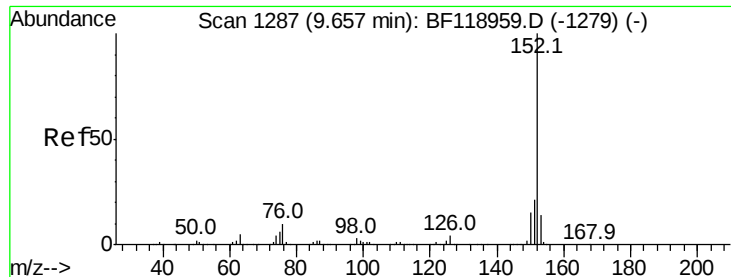
Tot Ion:	162	Resp:	669927
Ion	Ratio	Lower	Upper
162	100		
127	42.9	35.0	52.4
164	33.0	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.810 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:	65	Resp:	199865
Ion	Ratio	Lower	Upper
65	100		
92	75.4	58.2	87.2
138	126.4	95.6	143.4





#49

Acenaphthylene

Concen: 43.688 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

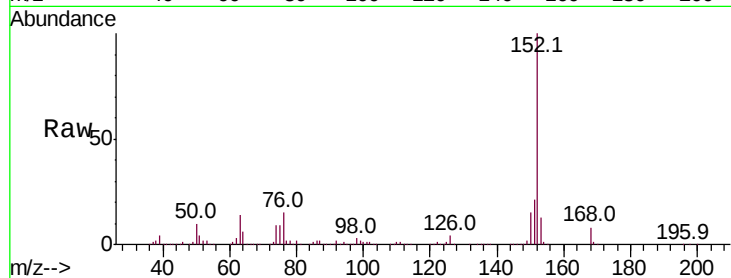
Tot Ion:152 Resp: 1032059

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

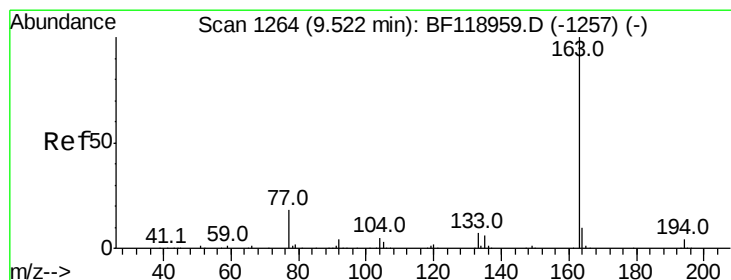
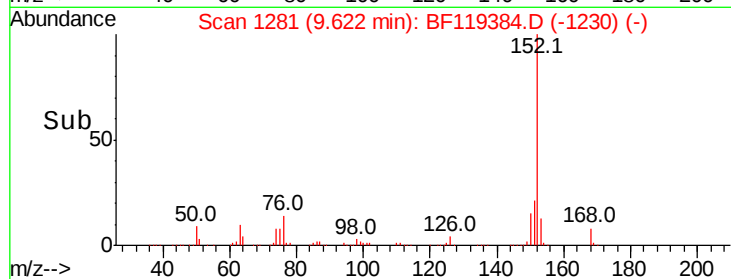
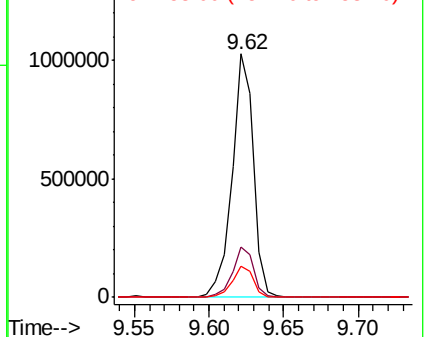
153 13.0 11.0 16.6



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: 42.198 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

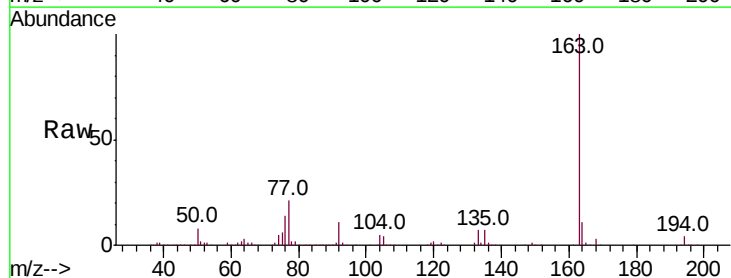
Tgt Ion:163 Resp: 810372

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

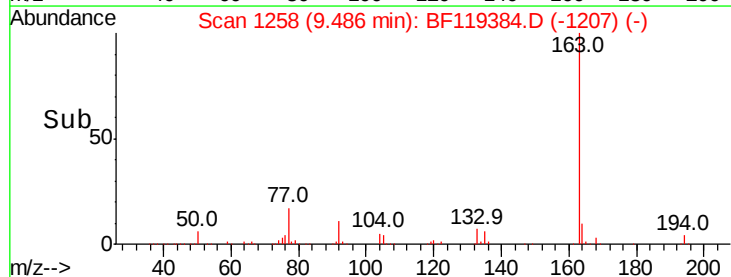
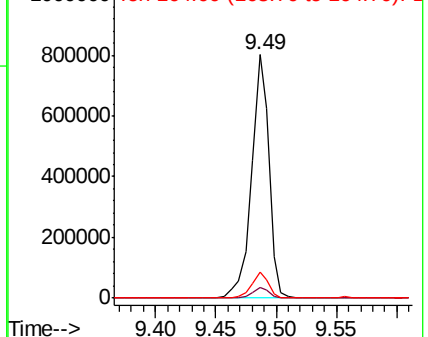
164 10.5 8.4 12.6

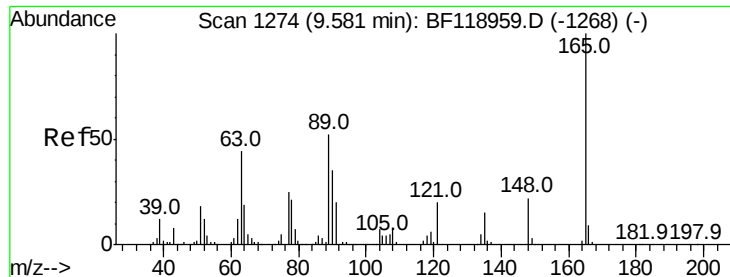


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.905 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampled :

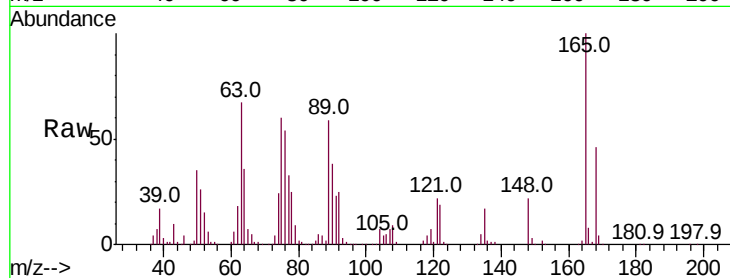
Tot Ion:165 Resp: 183059

Ion Ratio Lower Upper

165 100

63 67.0 34.3 51.5#

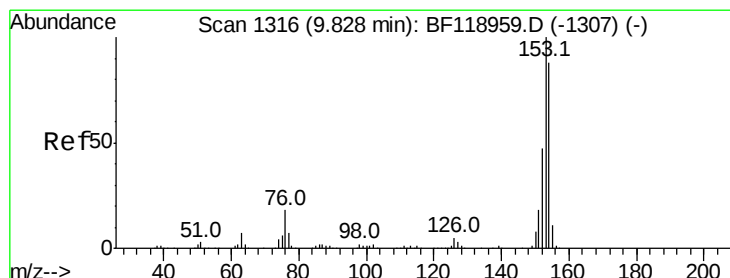
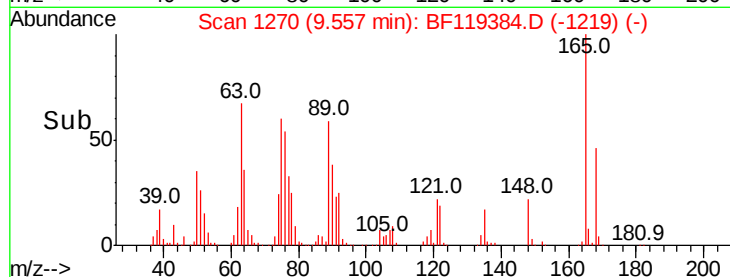
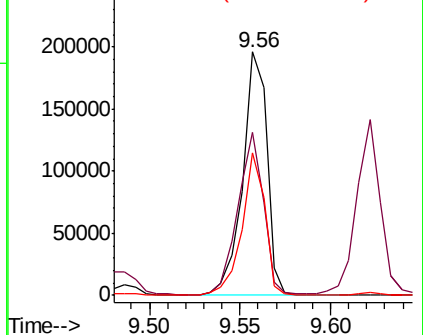
89 58.6 38.3 57.5#



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: 42.861 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

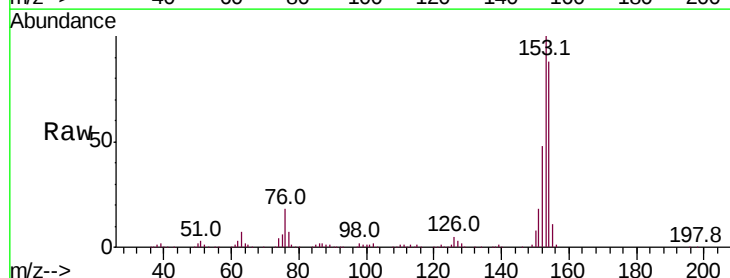
Tgt Ion:154 Resp: 610534

Ion Ratio Lower Upper

154 100

153 113.4 90.3 135.5

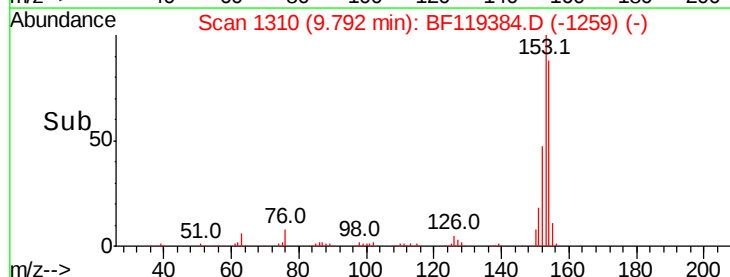
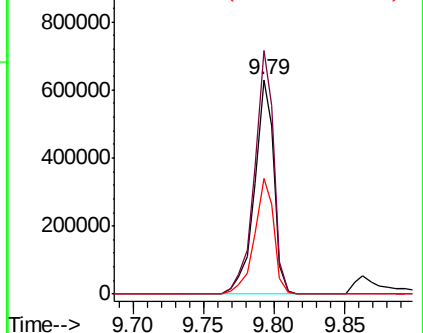
152 53.9 43.8 65.8

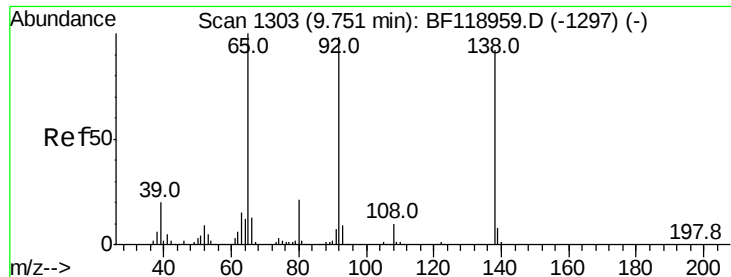


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

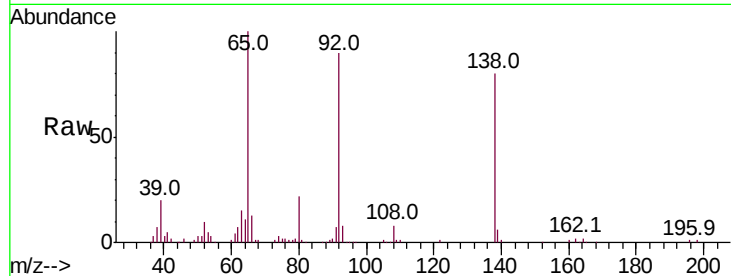




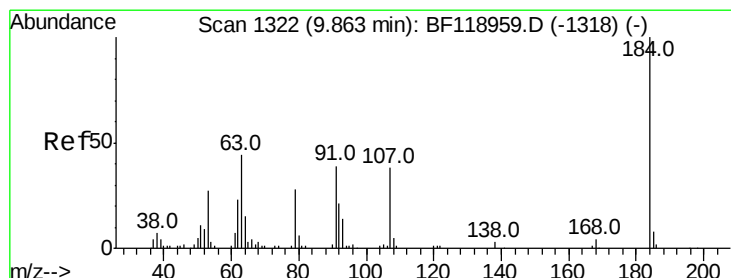
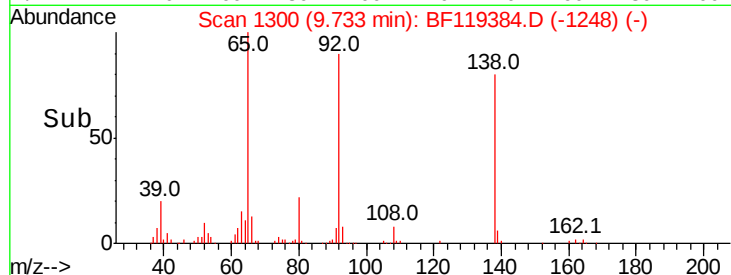
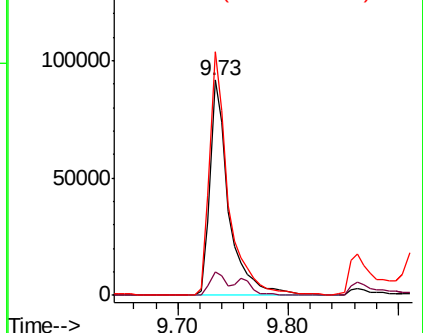
#53
3-Nitroaniline
Concen: 22.650 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 107134
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 113.1 84.8 127.2

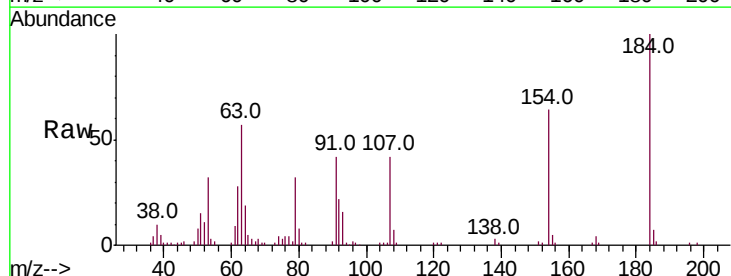


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

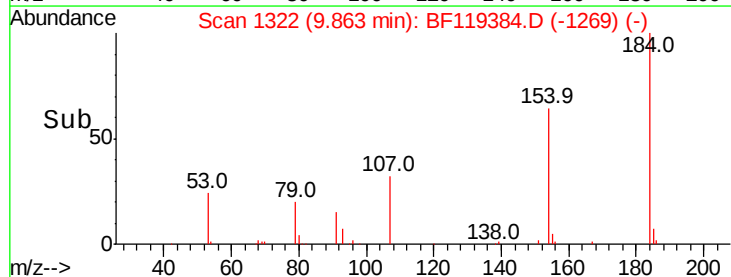
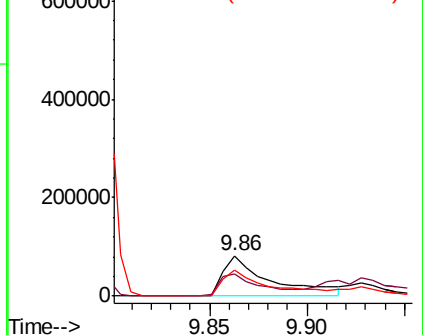


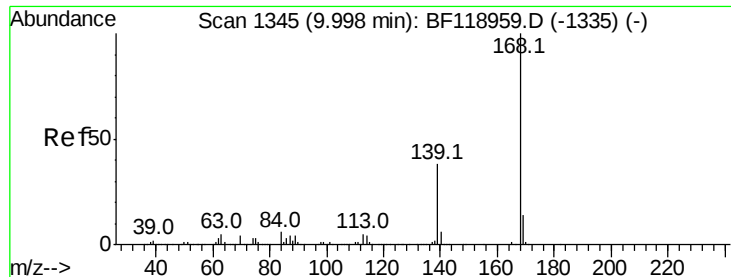
#54
2,4-Dinitrophenol
Concen: 67.511 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:184 Resp: 137324
Ion Ratio Lower Upper
184 100
63 56.5 38.7 58.1
154 64.2 49.7 74.5



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

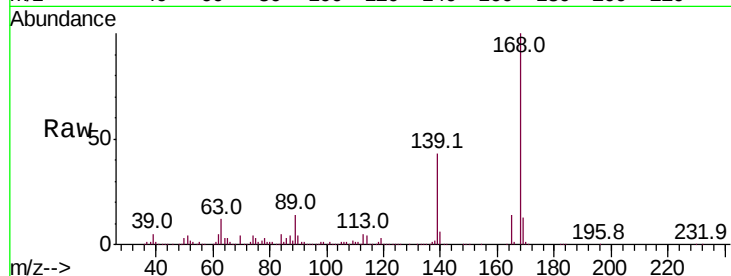




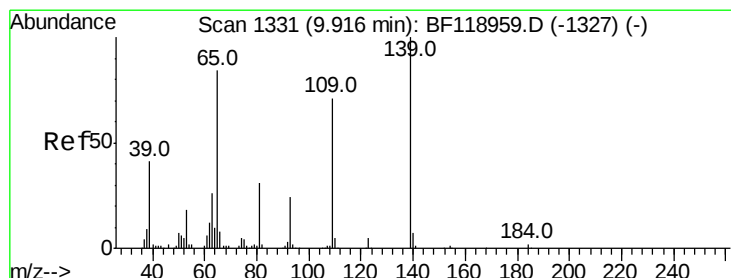
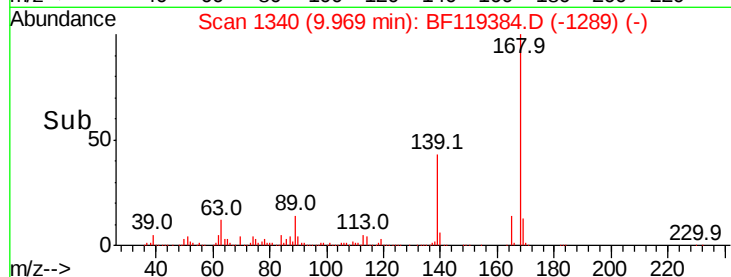
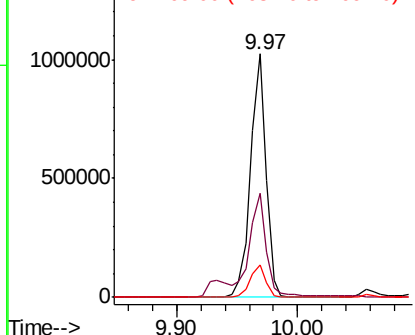
#55
Dibenzofuran
Concen: 43.296 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 920539
Ion Ratio Lower Upper
168 100
139 42.6 34.0 51.0
169 13.5 11.0 16.4

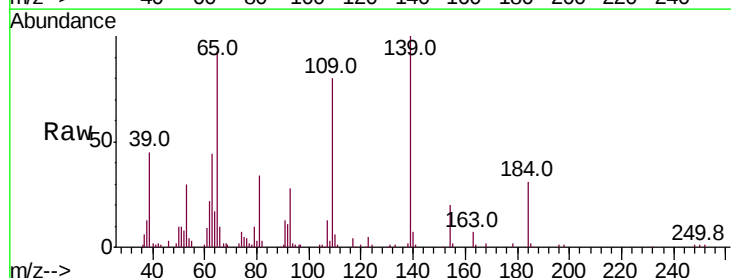


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

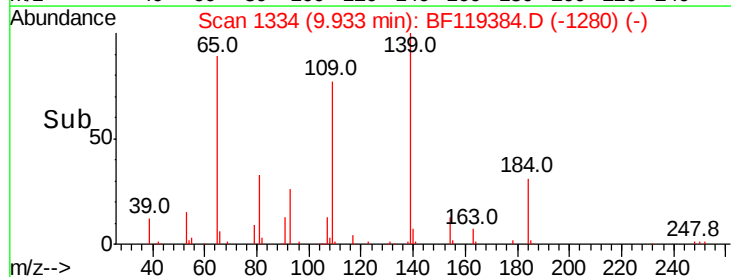
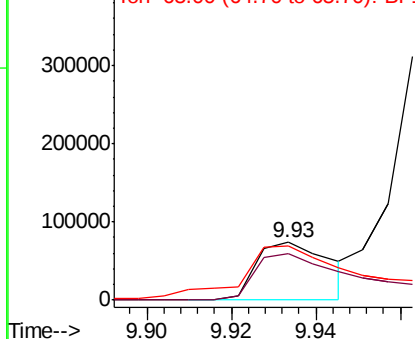


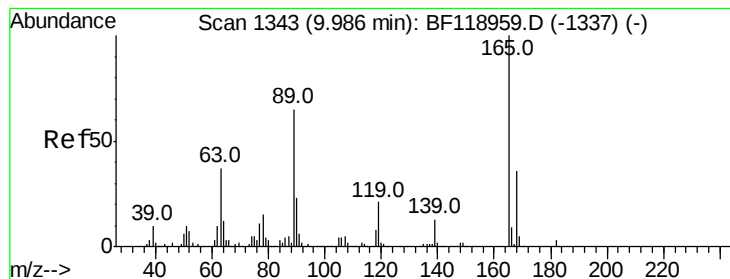
#56
4-Nitrophenol
Concen: 31.812 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:139 Resp: 90406
Ion Ratio Lower Upper
139 100
109 79.6 56.7 96.7
65 93.4 65.0 105.0



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

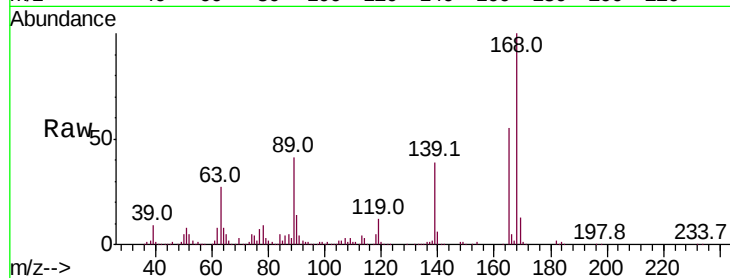




#57
 2,4-Dinitrotoluene
 Concen: 43.779 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	42.3	63.5
89	73.8	60.2	90.4
182	2.9	2.3	3.5



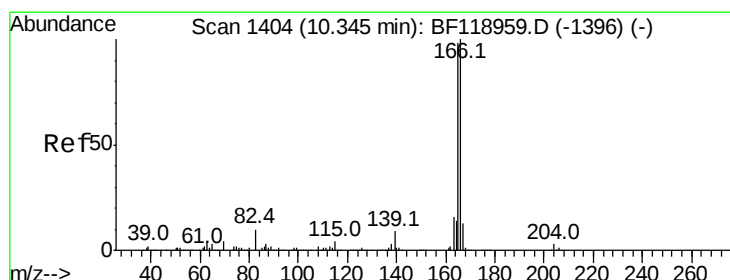
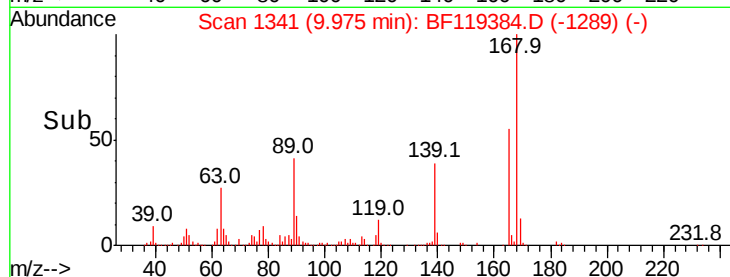
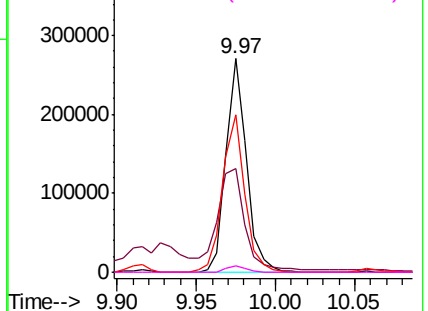
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

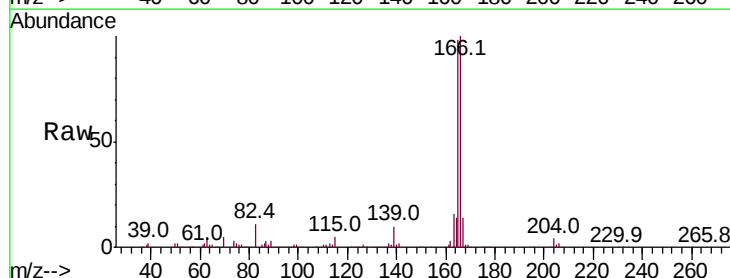
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.100 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.8	11.0	16.4

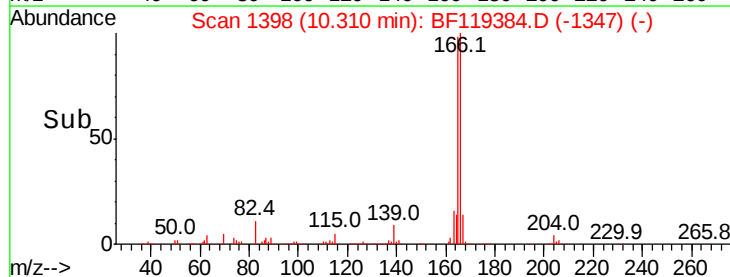
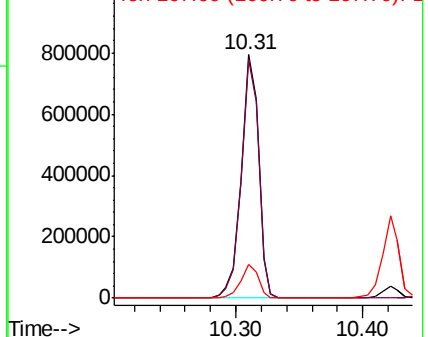


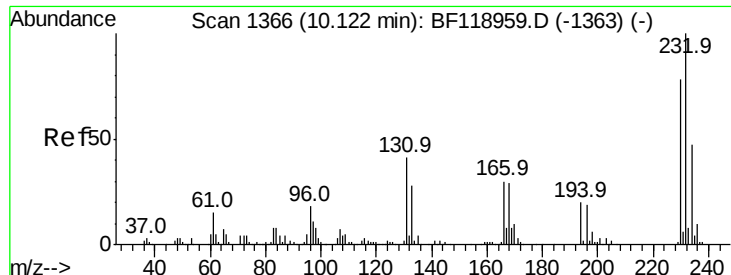
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.657 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 192490

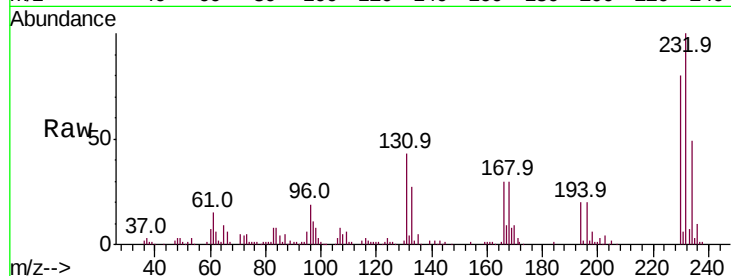
Ion Ratio Lower Upper

232 100

131 41.9 33.8 50.8

130 2.4 1.8 2.6

166 27.4 23.0 34.4

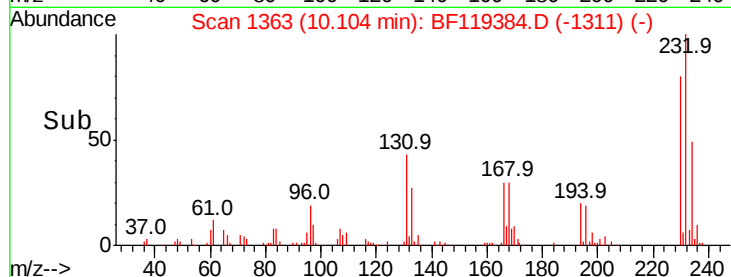


Abundance Ion 232.00 (231.70 to 232.70): E

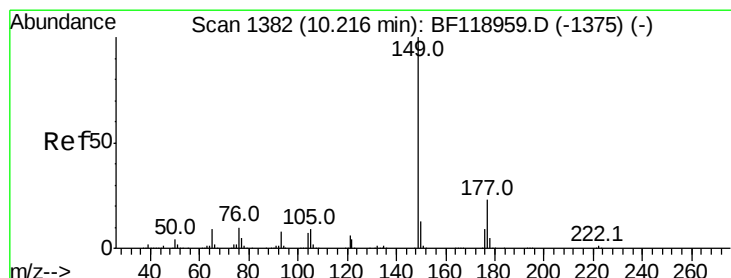
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 10.00 10.10 10.20 10.30



#60

Diethylphthalate

Concen: 43.907 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

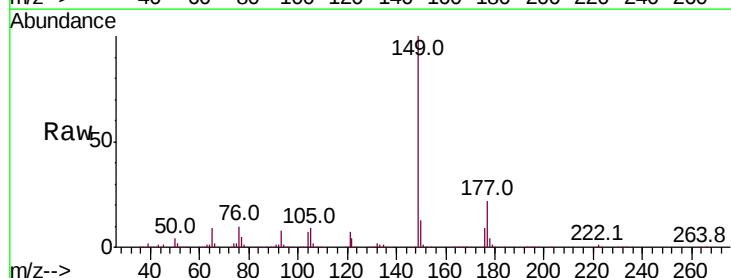
Tgt Ion:149 Resp: 794616

Ion Ratio Lower Upper

149 100

177 22.4 18.2 27.2

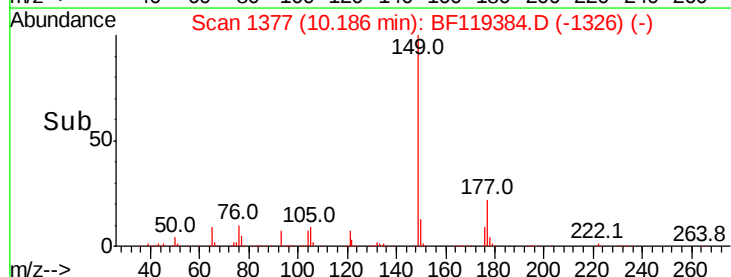
150 12.8 10.5 15.7



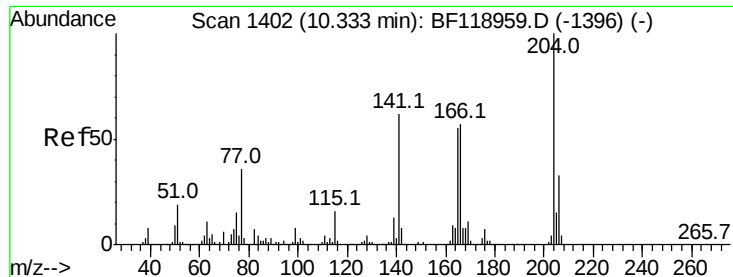
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



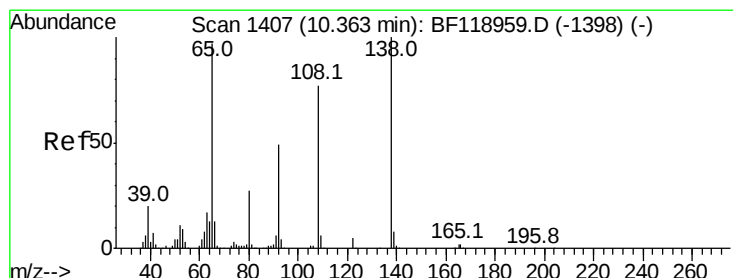
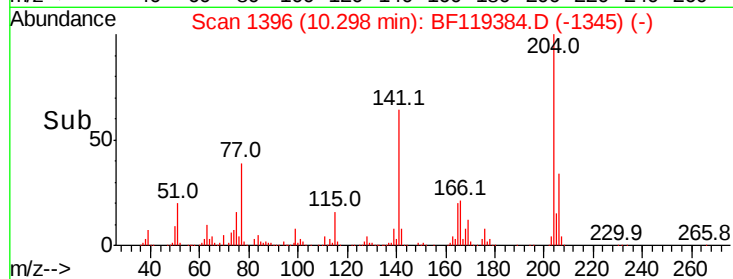
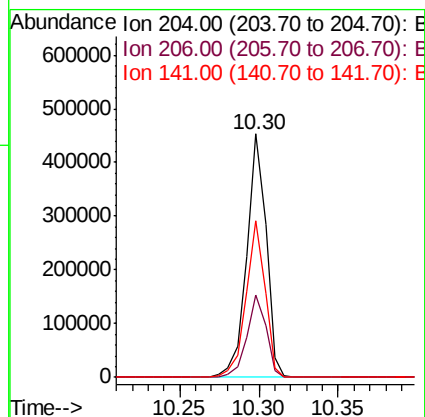
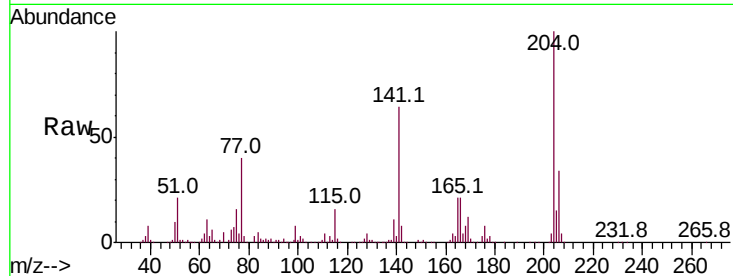
Time--> 10.10 10.20



#61
4-Chlorophenyl-phenylether
Concen: 43.794 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

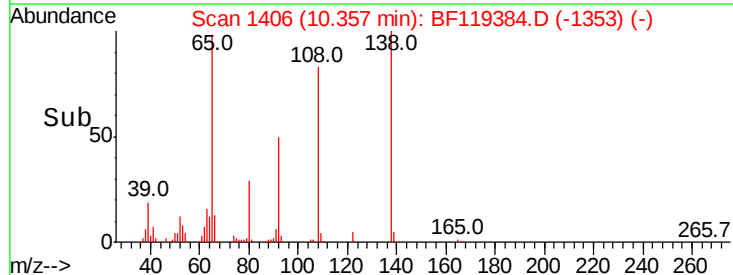
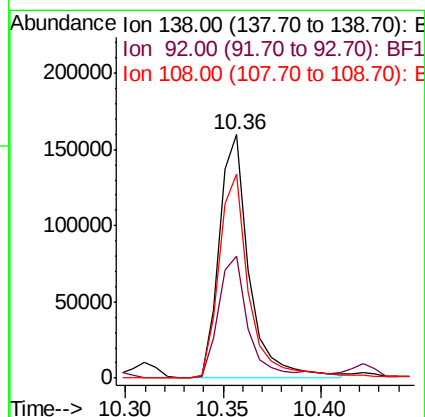
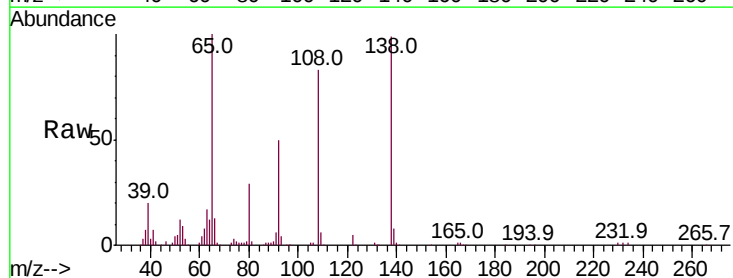
Instrument :
BNA_F
ClientSampleId :

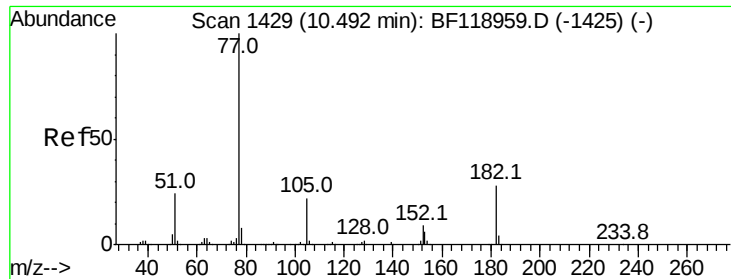
Tot Ion:204 Resp: 382976
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 64.4 52.9 79.3



#62
4-Nitroaniline
Concen: 35.198 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:138 Resp: 170333
Ion Ratio Lower Upper
138 100
92 50.0 27.3 67.3
108 83.8 57.0 97.0

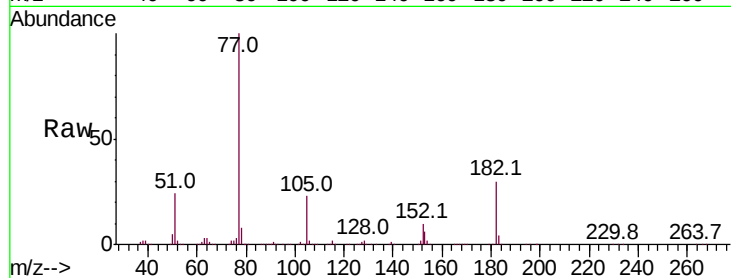




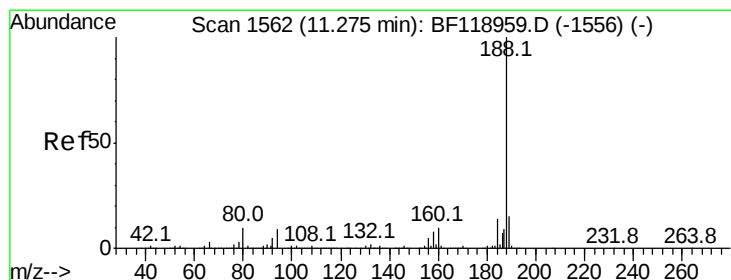
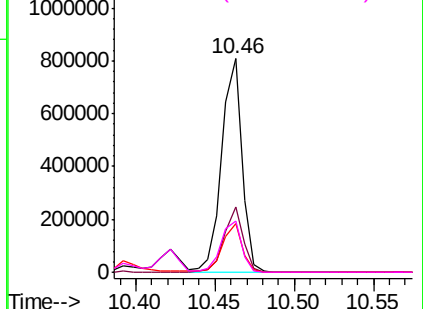
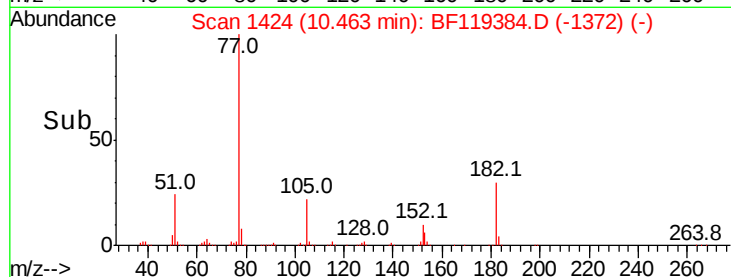
#63
Azobenzene
Concen: 45.750 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	11.4	51.4
105	22.6	3.4	43.4
51	24.3	5.1	45.1

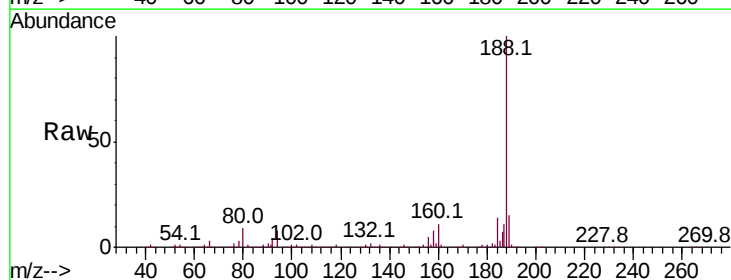


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

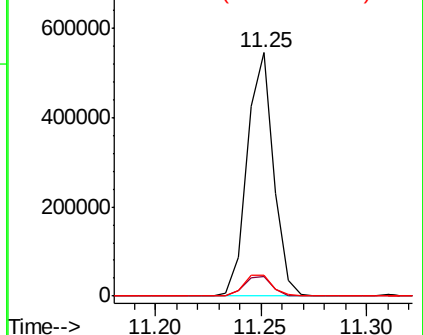
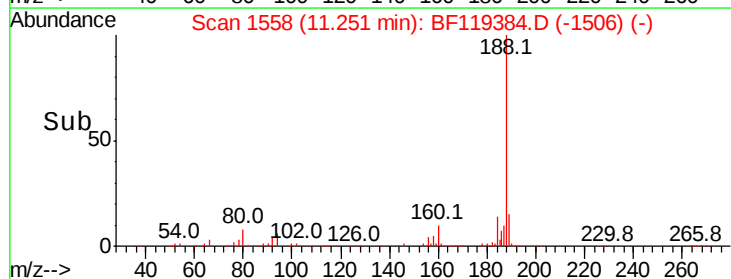


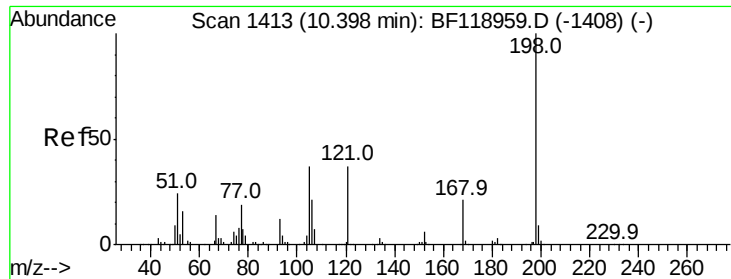
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.7	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

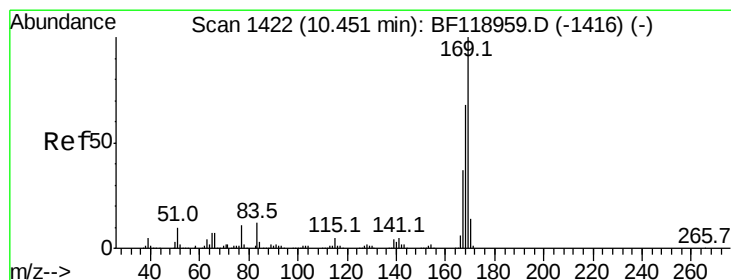
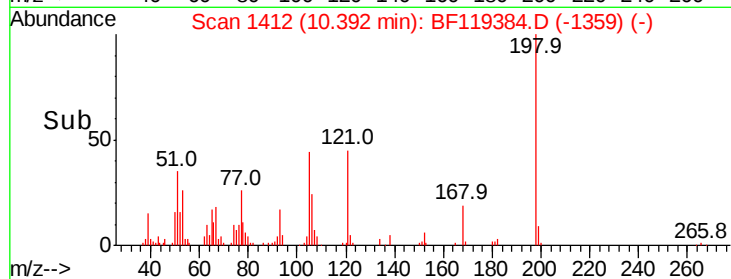
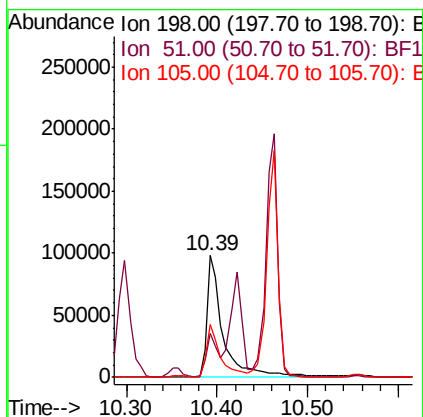
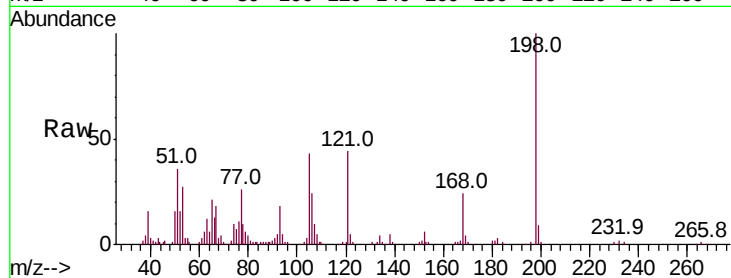




#65
4,6-Dinitro-2-methylphenol
Concen: 43.416 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

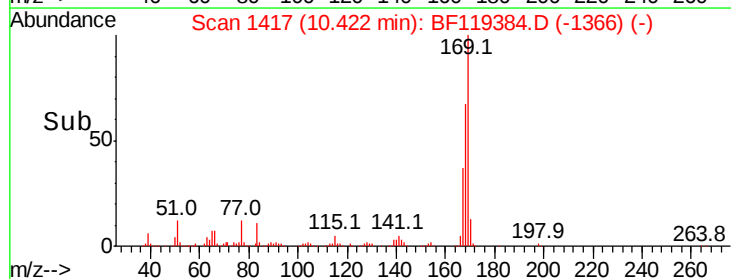
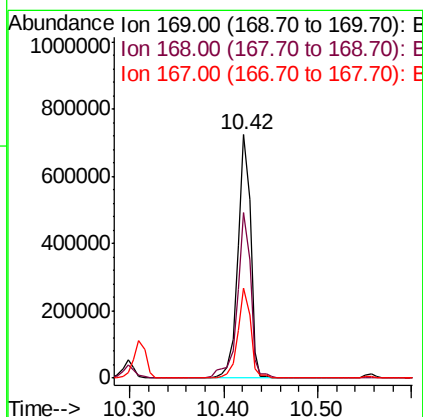
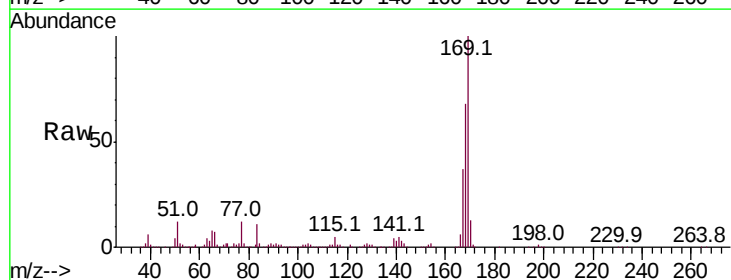
Instrument :
BNA_F
ClientSampled :

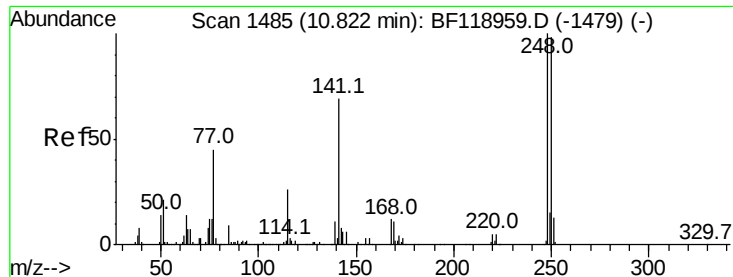
Tot Ion:198 Resp: 124089
Ion Ratio Lower Upper
198 100
51 35.7 14.2 54.2
105 42.9 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 43.497 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:169 Resp: 672723
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 36.8 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 40.662 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

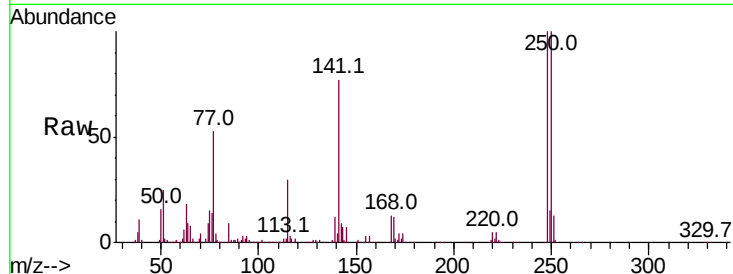
Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 251048

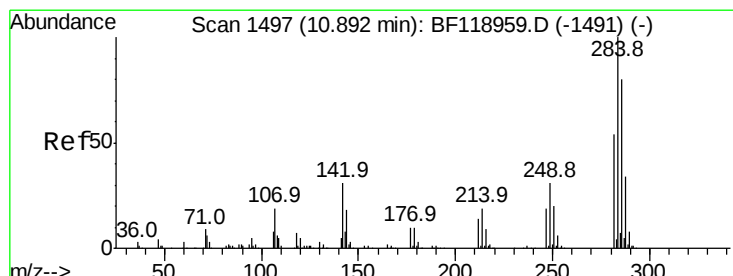
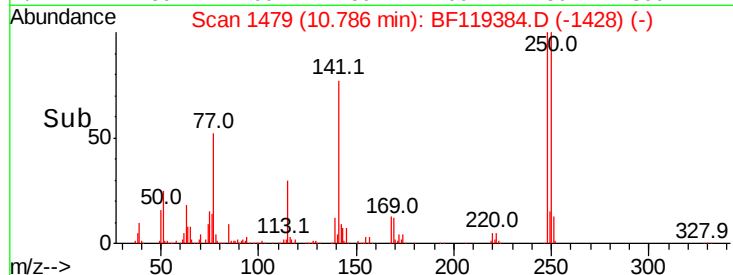
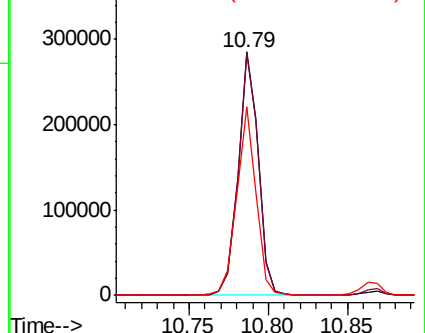
Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.7	115.1
141	77.3	60.7	91.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.582 ng

RT: 10.87 min Scan# 1493

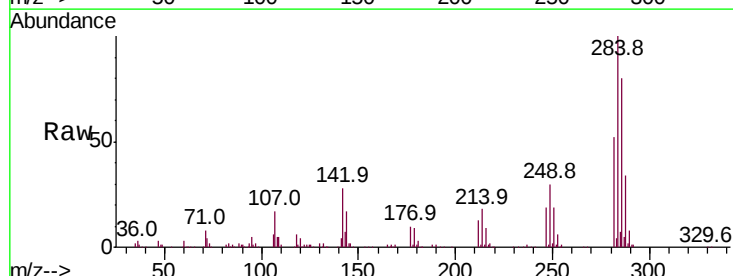
Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:284 Resp: 288871

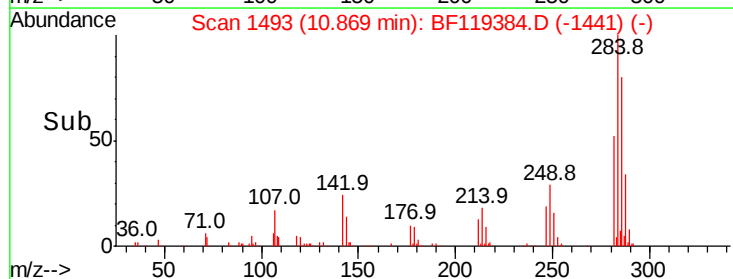
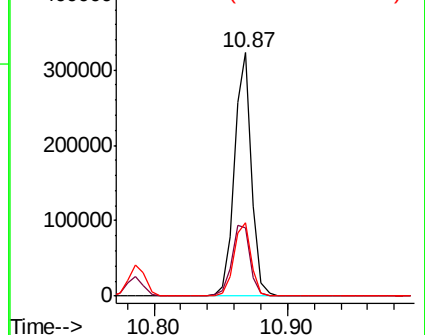
Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.7	35.5
249	30.3	25.0	37.6

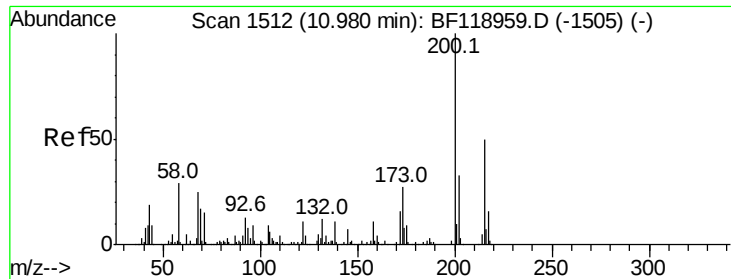


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

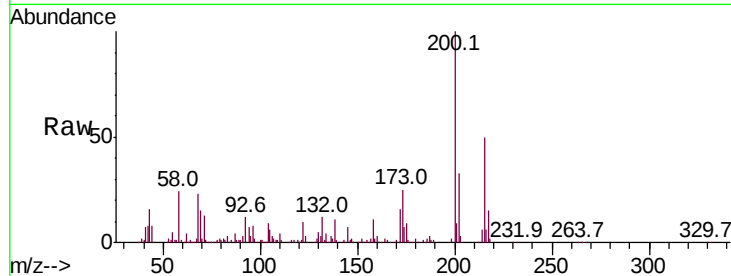




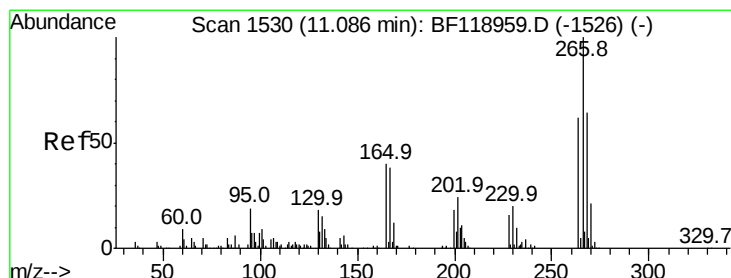
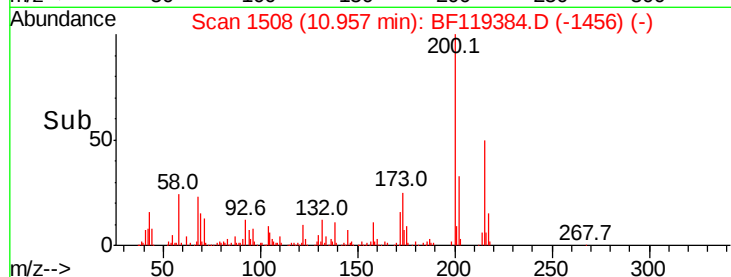
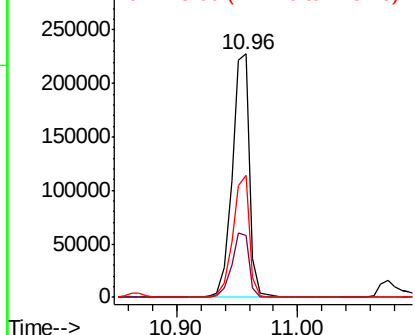
#69
Atrazine
Concen: 41.756 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.4	46.4
215	50.2	27.4	67.4

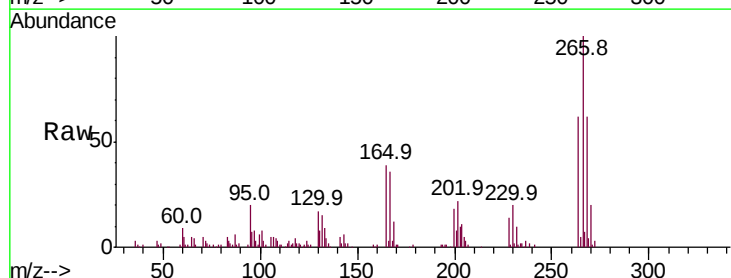


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

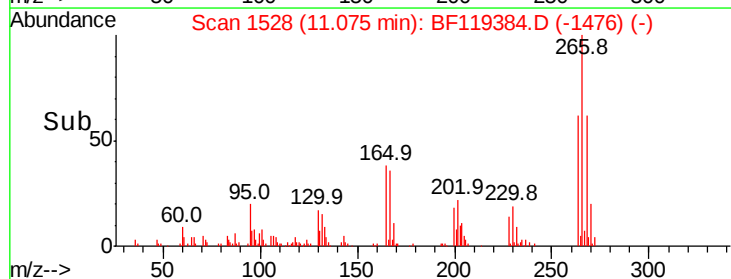
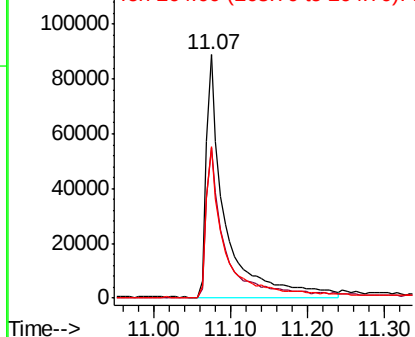


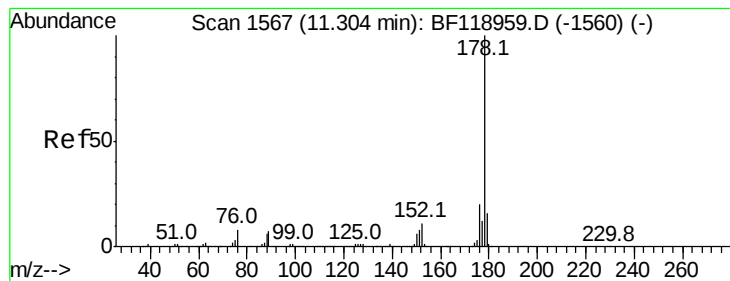
#70
Pentachlorophenol
Concen: 53.154 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.9	77.9
264	62.1	51.0	76.4



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: 42.920 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

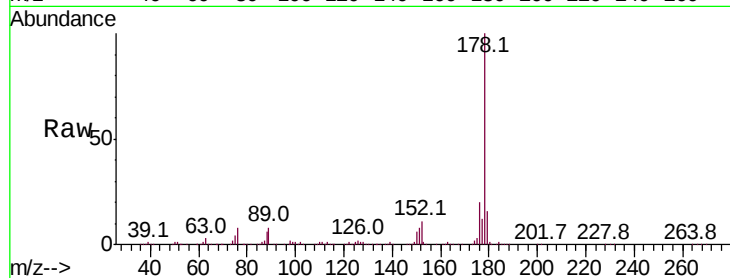
Tot Ion:178 Resp: 1105558

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

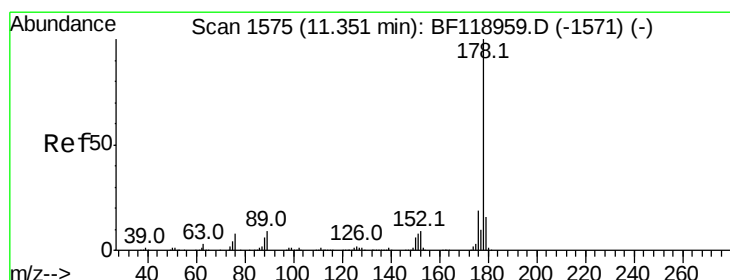
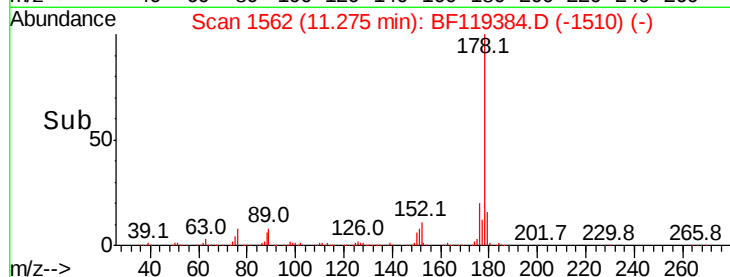
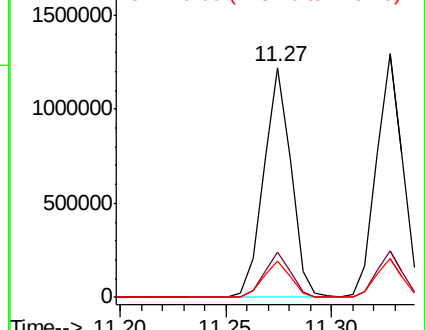
179 15.7 13.0 19.6



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: 45.041 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

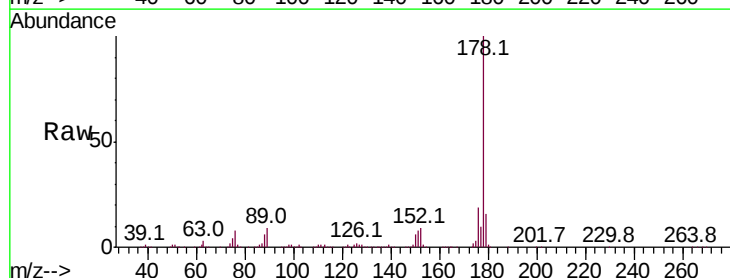
Tgt Ion:178 Resp: 1159229

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

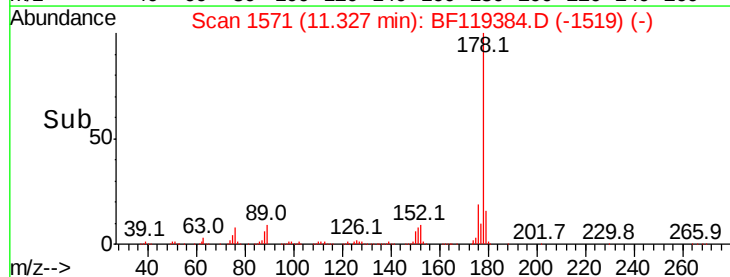
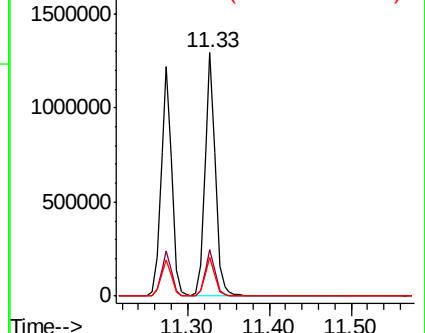
179 16.0 13.1 19.7

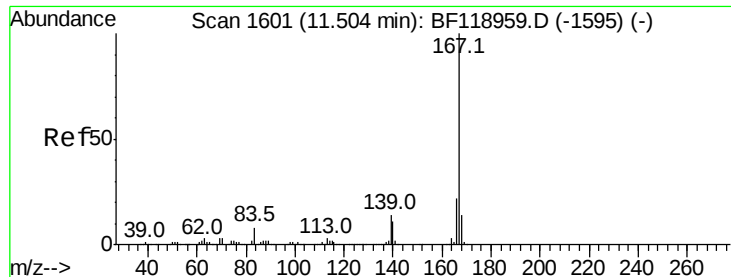


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



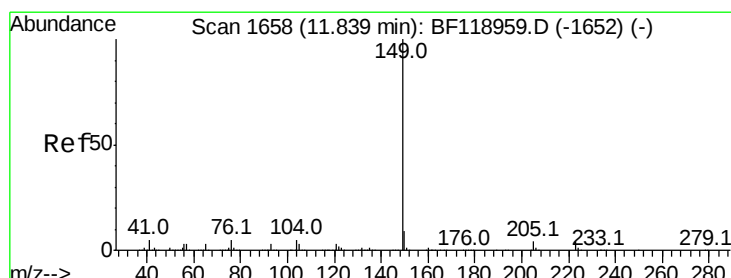
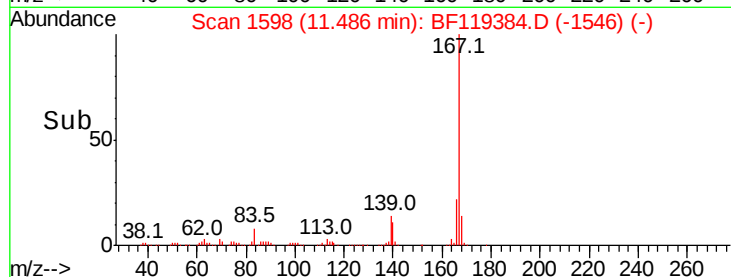
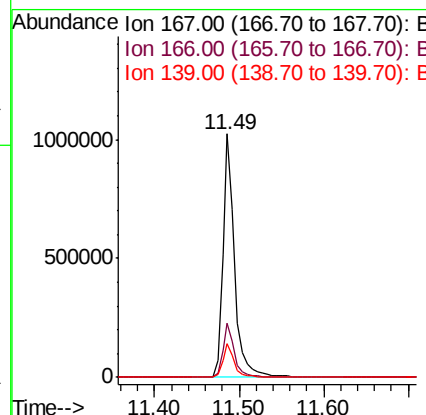
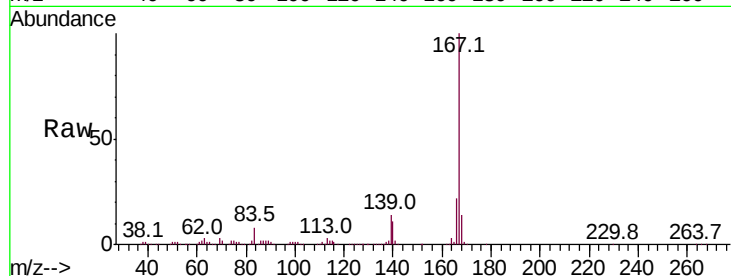


#73
 Carbazole
 Concen: 43.804 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1004378

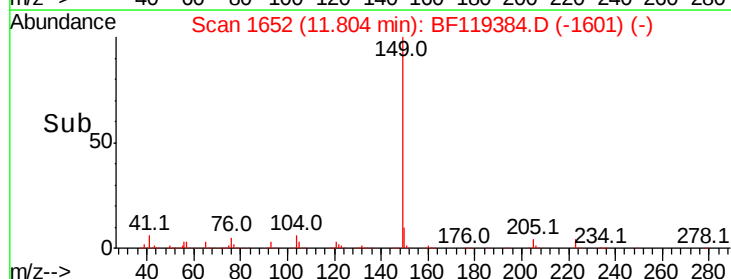
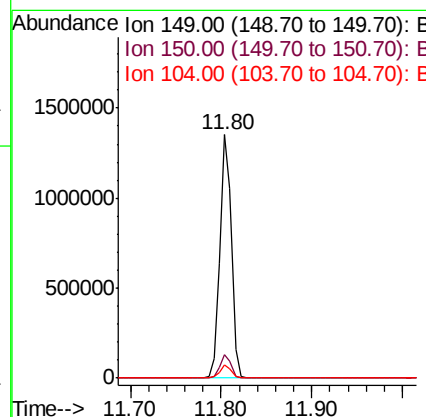
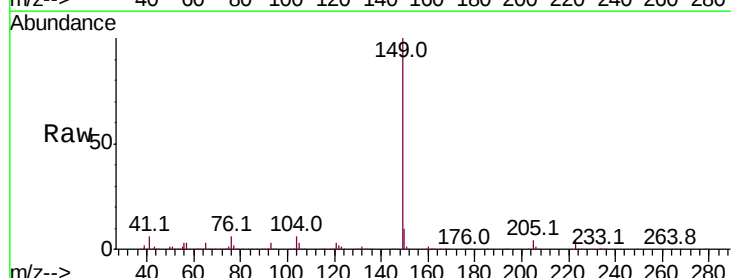
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.8	11.7	17.5

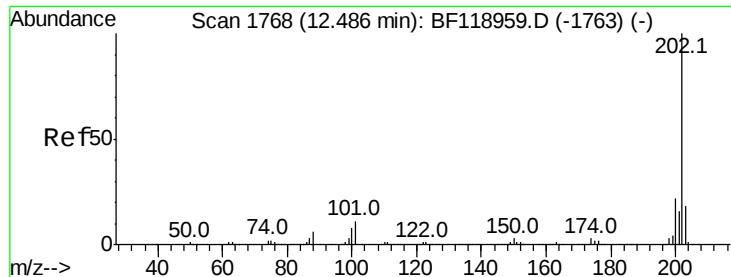


#74
 Di-n-butylphthalate
 Concen: 42.651 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:149 Resp: 1184282

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.6	4.6	6.8

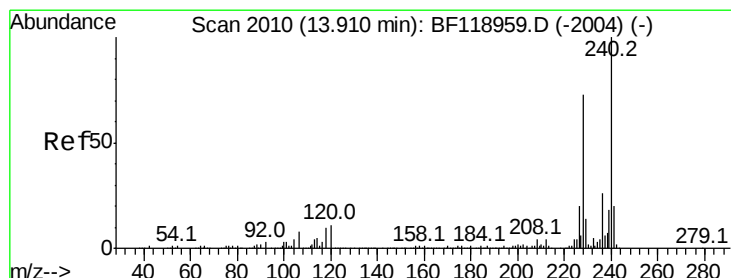
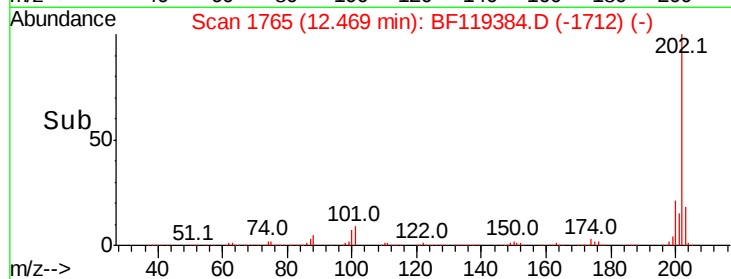
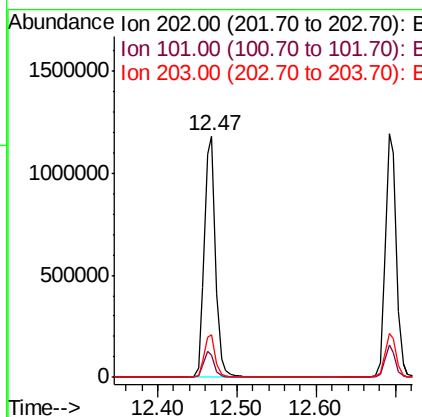
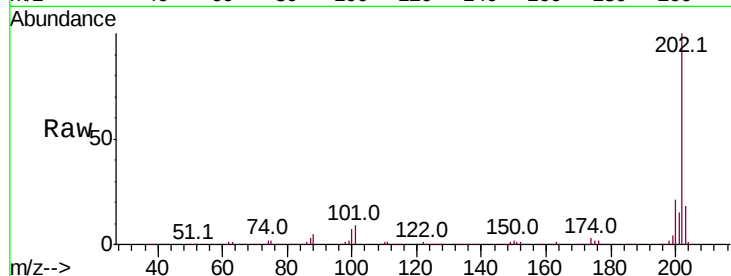




#75
 Fluoranthene
 Concen: 43.127 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

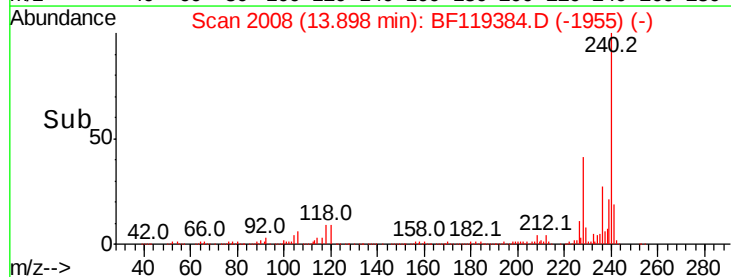
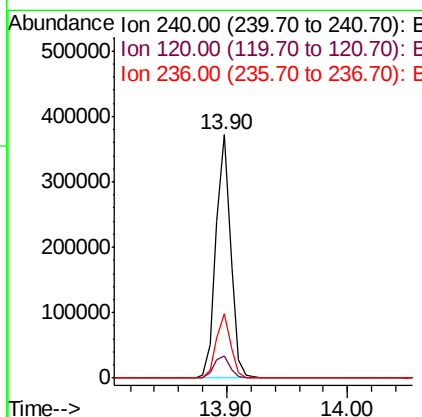
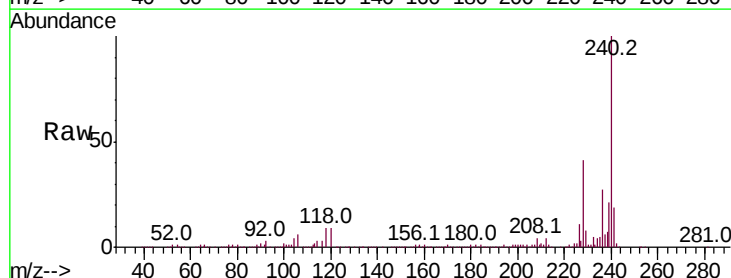
Instrument :
 BNA_F
 ClientSampleId :

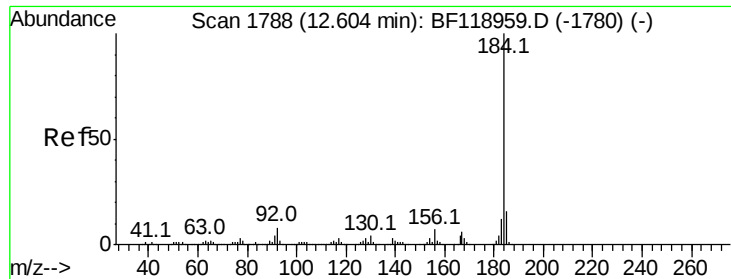
Tot Ion:202 Resp: 1179191
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 30.3
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:240 Resp: 309948
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 26.6 21.0 31.4





#77

Benzidine

Concen: 45.075 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

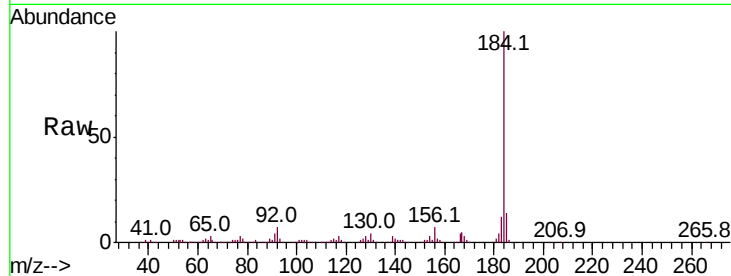
Tot Ion:184 Resp: 568186

Ion Ratio Lower Upper

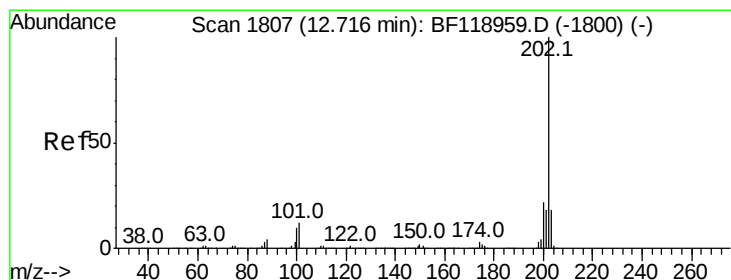
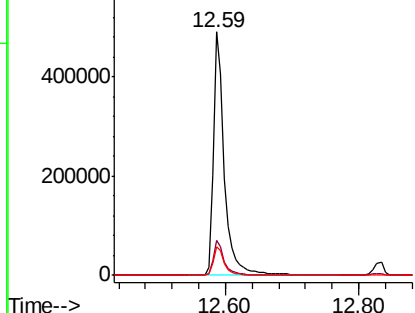
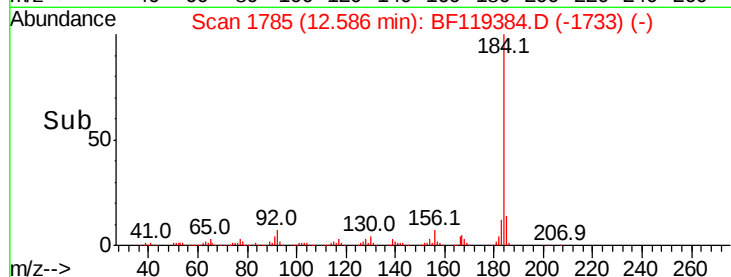
184 100

185 14.3 12.2 18.4

183 11.9 9.9 14.9



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



#78

Pyrene

Concen: 46.929 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

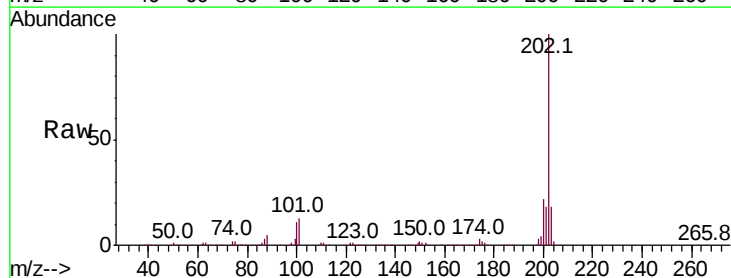
Tgt Ion:202 Resp: 1167985

Ion Ratio Lower Upper

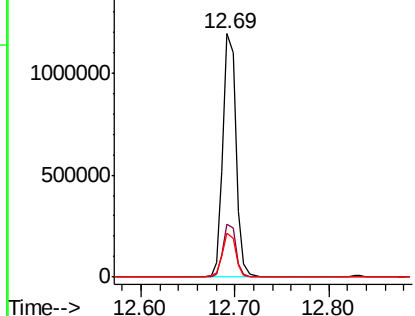
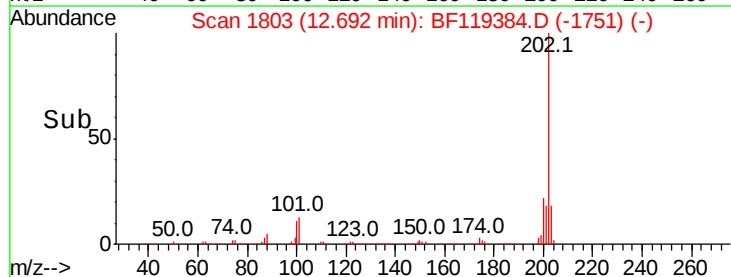
202 100

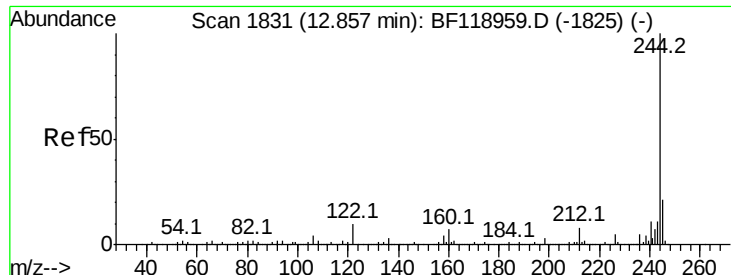
200 22.0 18.0 27.0

203 17.9 14.6 22.0



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





#79

Terphenyl-d14

Concen: 97.150 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

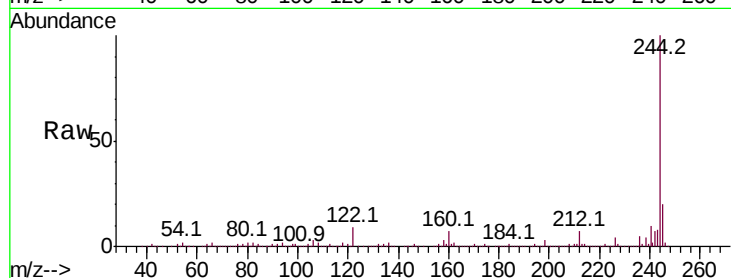
Tot Ion:244 Resp: 1748966

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

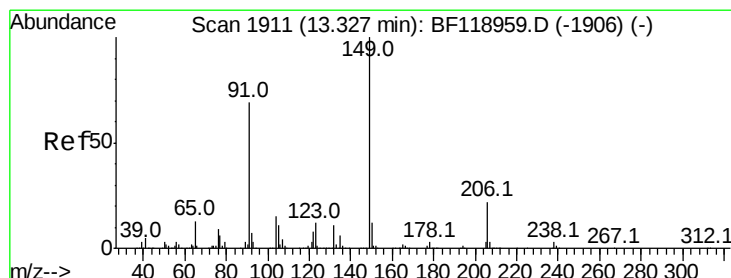
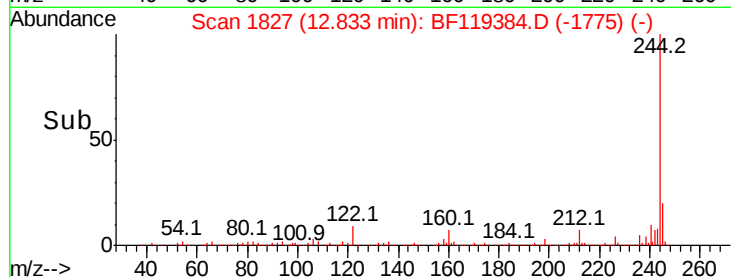
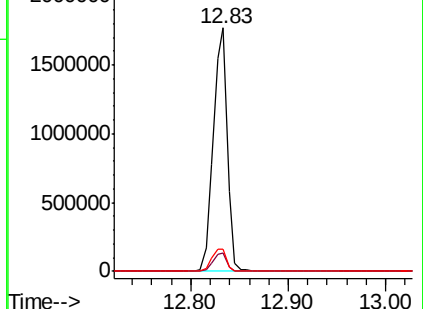
122 9.0 8.2 12.2



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: 43.860 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

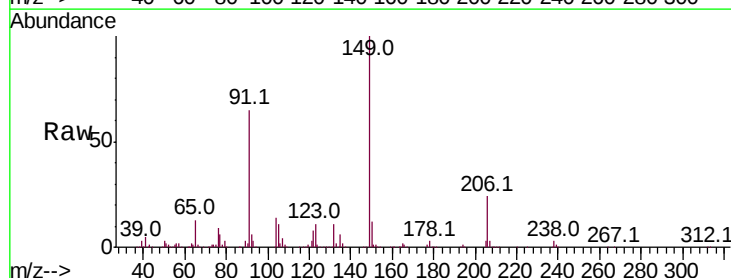
Tgt Ion:149 Resp: 459432

Ion Ratio Lower Upper

149 100

91 65.1 52.3 78.5

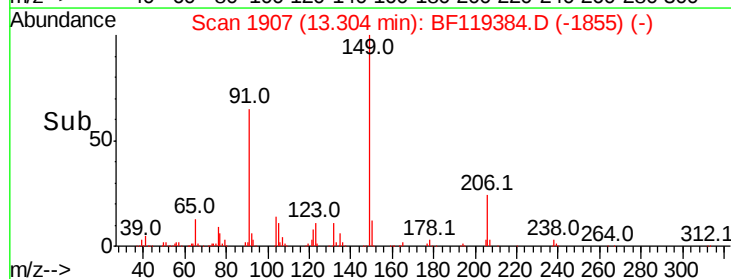
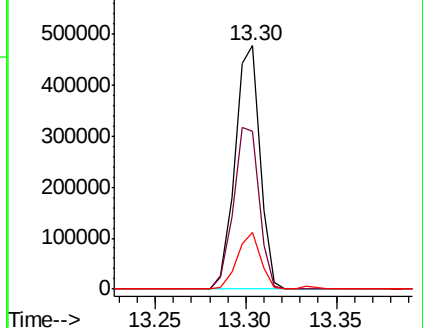
206 23.5 18.5 27.7

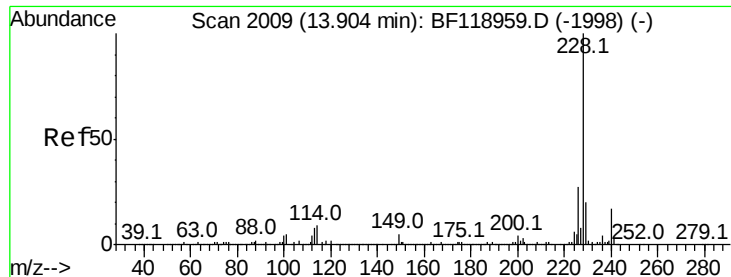


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

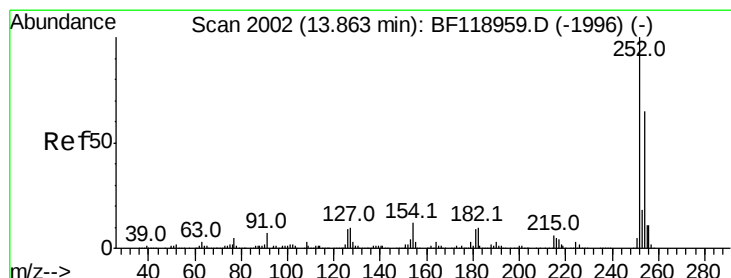
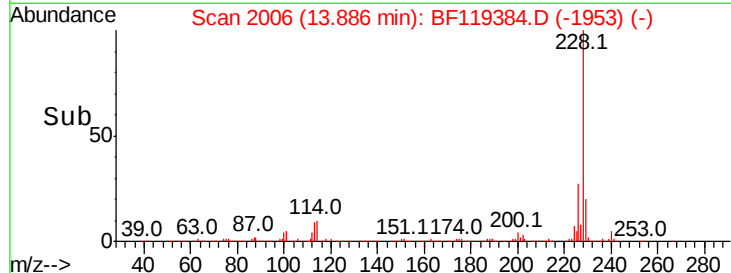
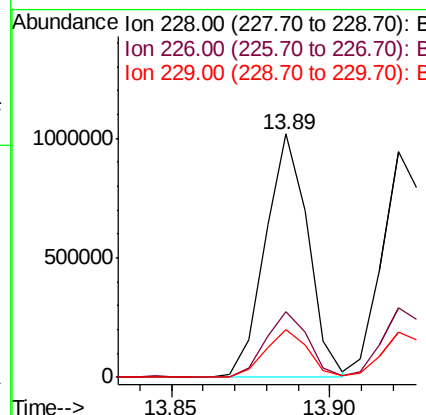
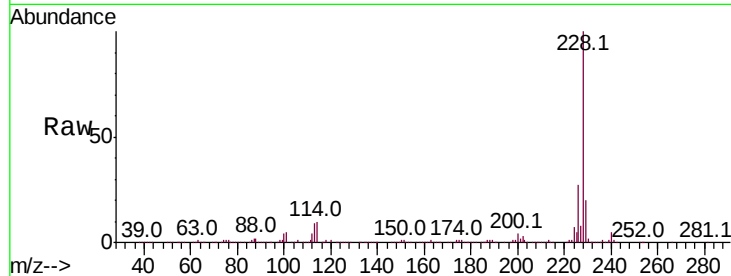




#81
Benzo(a)anthracene
Concen: 44.988 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

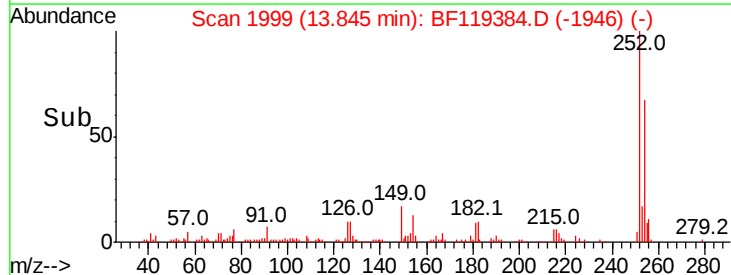
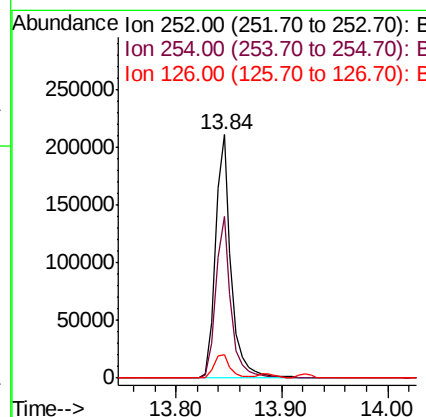
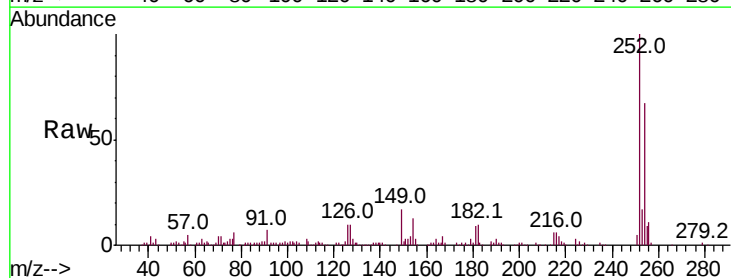
Instrument :
BNA_F
ClientSampleId :

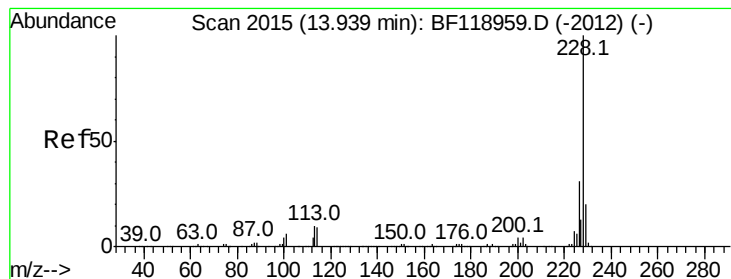
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	16.6	24.8



#82
3,3'-Dichlorobenzidine
Concen: 26.853 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.6	77.4
126	9.6	7.4	11.0





#83

Chrysene

Concen: 43.771 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

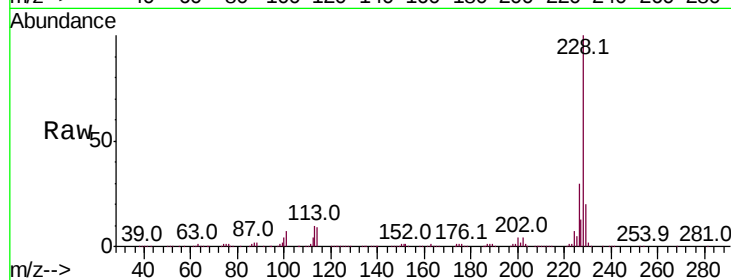
Tot Ion:228 Resp: 921073

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

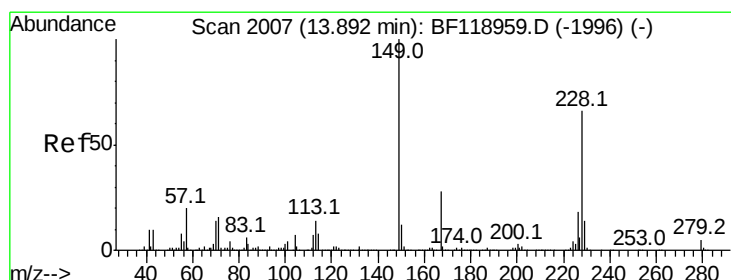
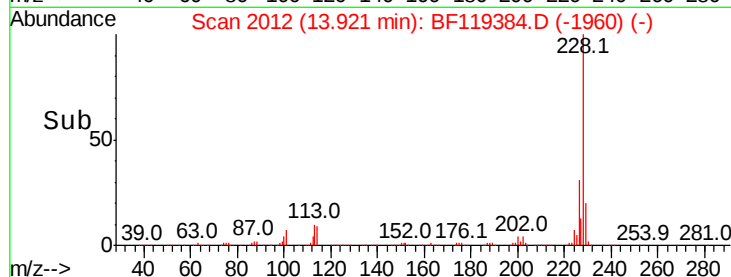
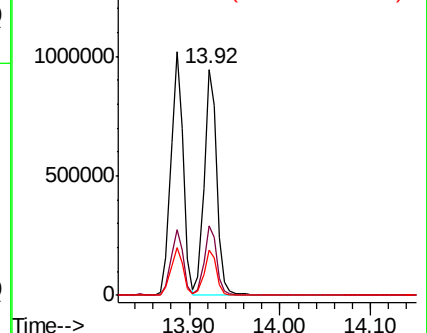
229 20.1 16.3 24.5



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: 44.953 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

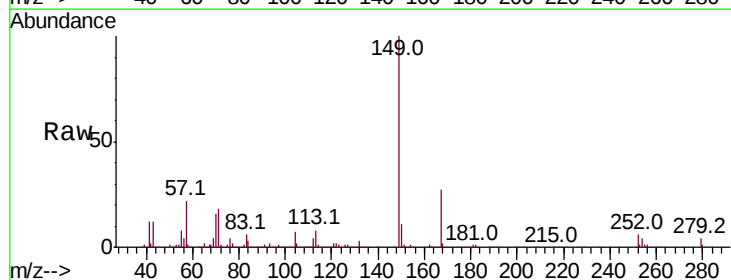
Tgt Ion:149 Resp: 594890

Ion Ratio Lower Upper

149 100

167 26.6 22.8 34.2

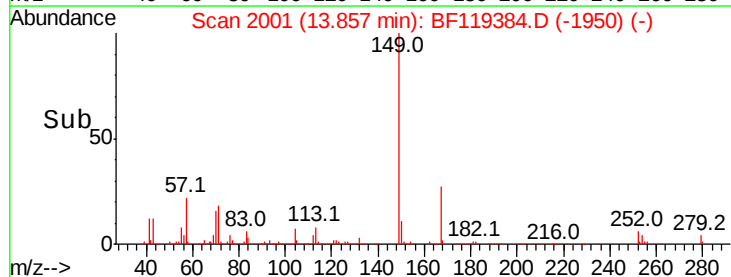
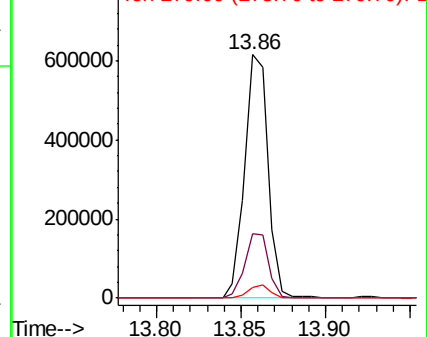
279 4.5 4.6 6.8#

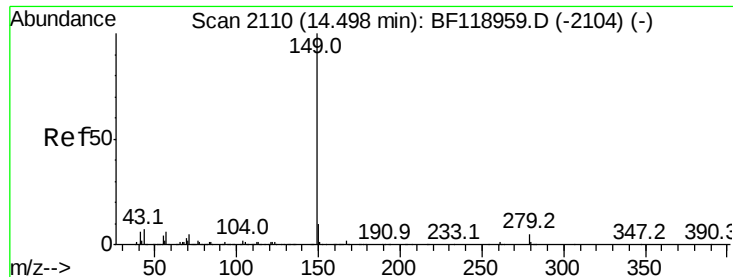


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.392 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

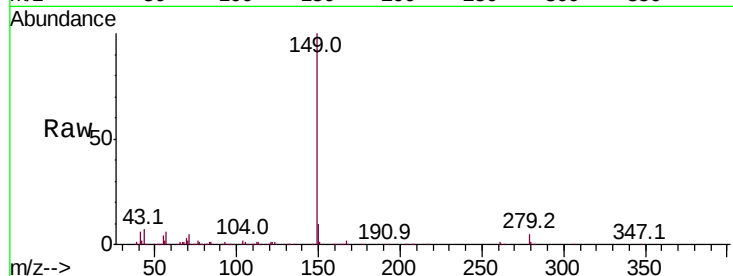
Tot Ion:149 Resp: 851661

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

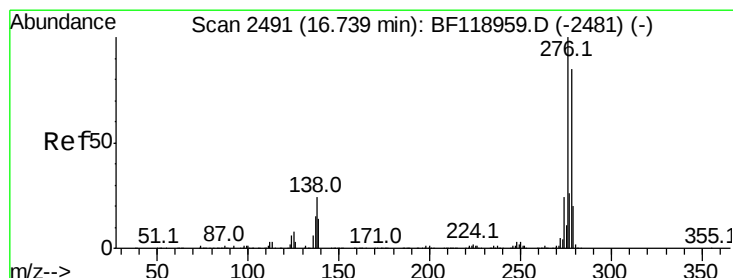
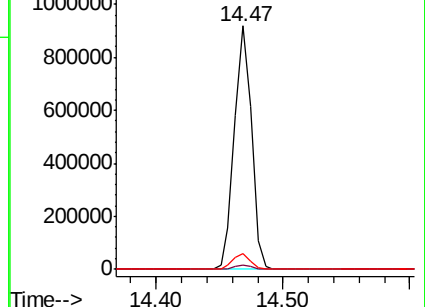
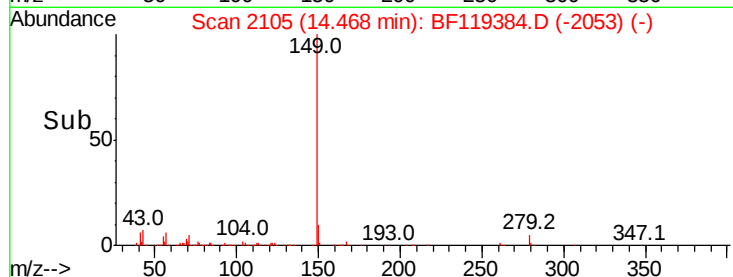
43 6.6 5.7 8.5



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: 36.569 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

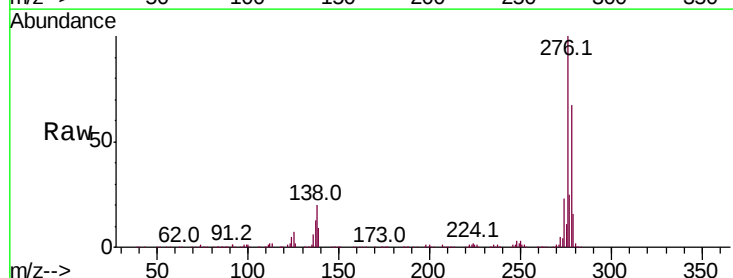
Tgt Ion:276 Resp: 745102

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

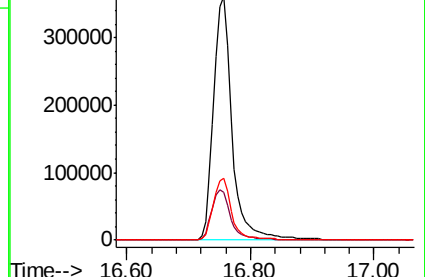
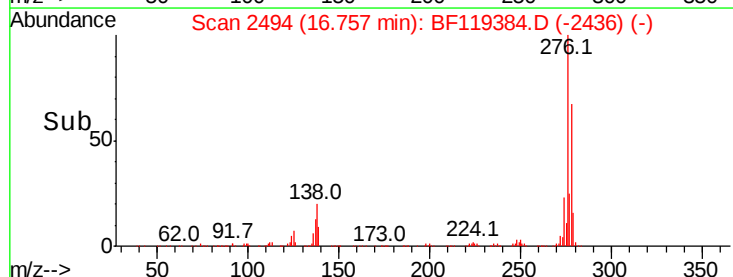
277 25.4 20.3 30.5

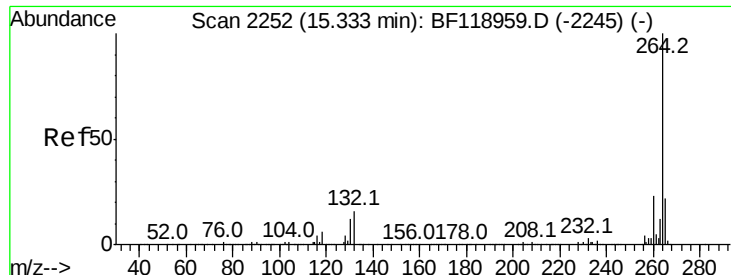


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

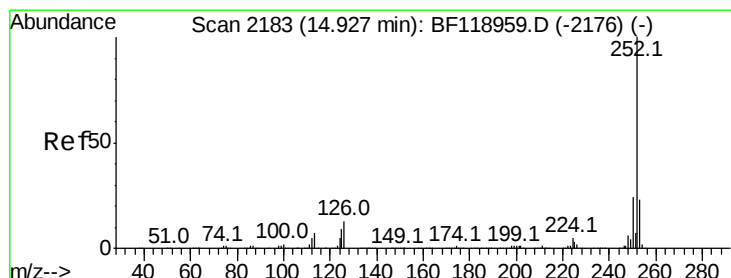
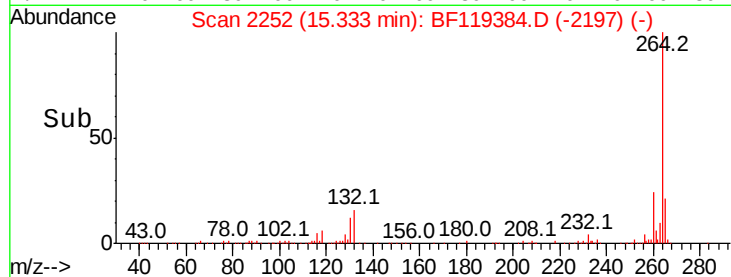
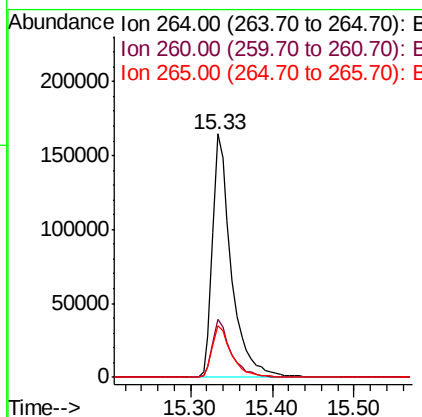
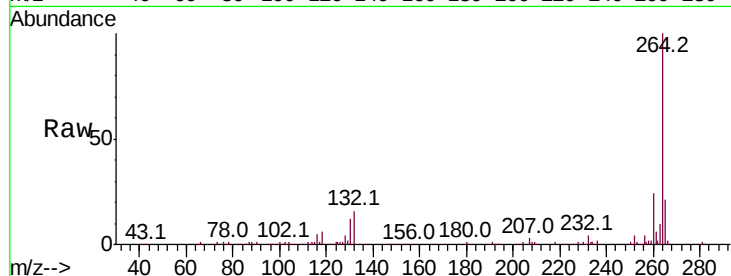




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

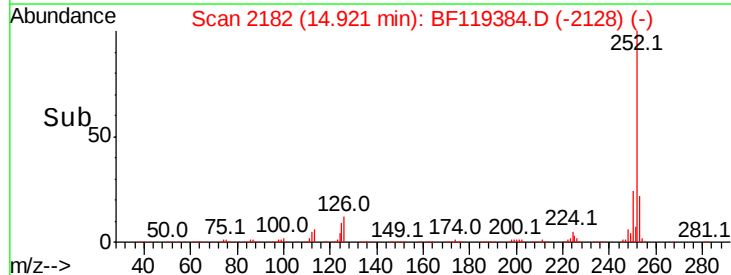
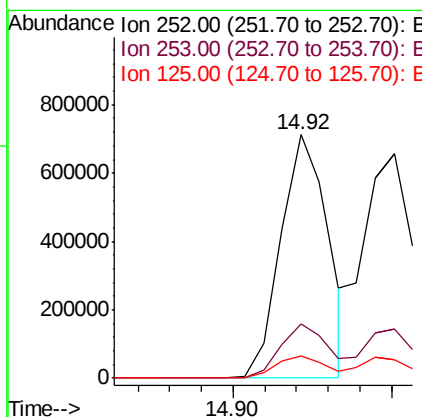
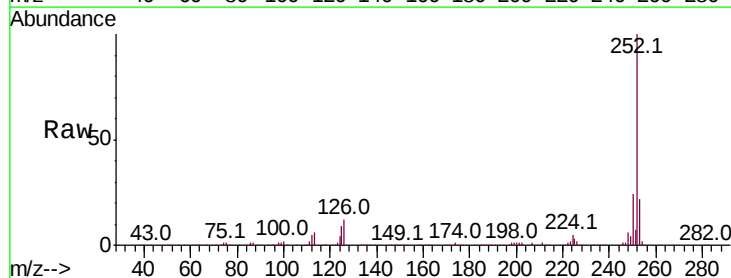
Instrument :
BNA_F
ClientSampleId :

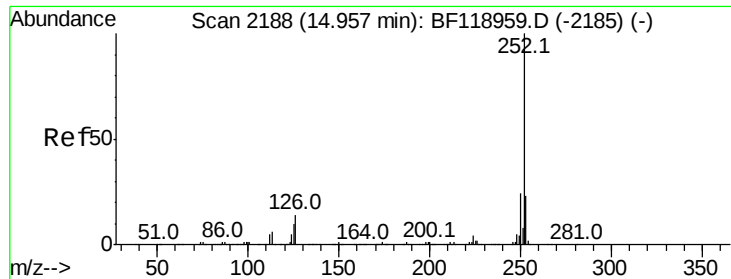
Tot Ion:264 Resp: 264841
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.4 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 42.341 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:252 Resp: 739144
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.1 7.4 11.0

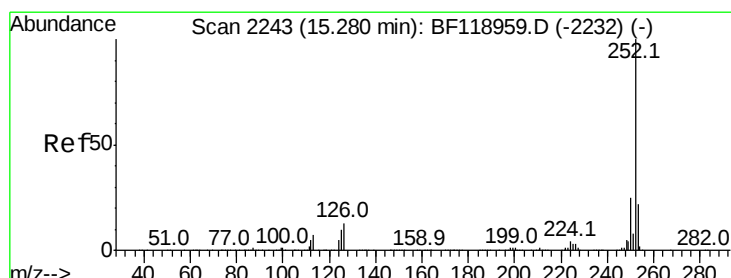
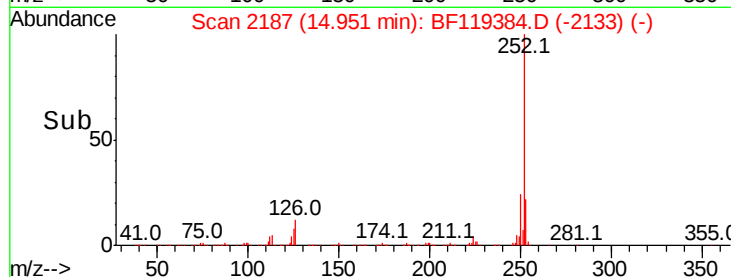
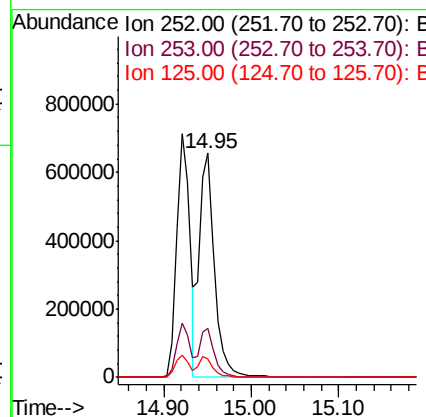
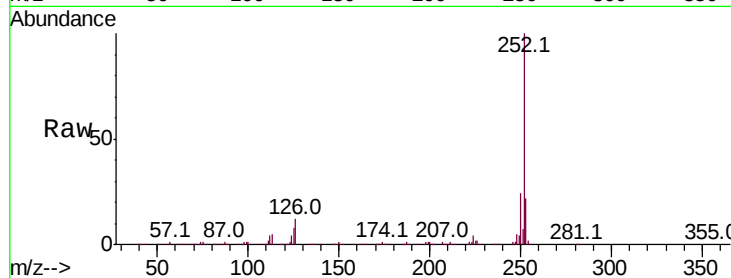




#89
Benzo(k)fluoranthene
Concen: 49.195 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

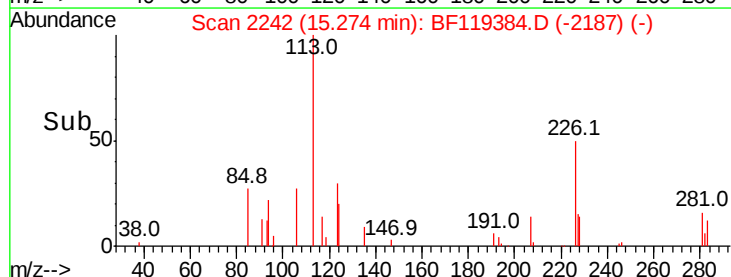
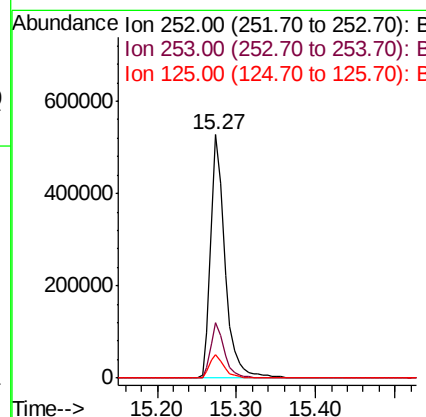
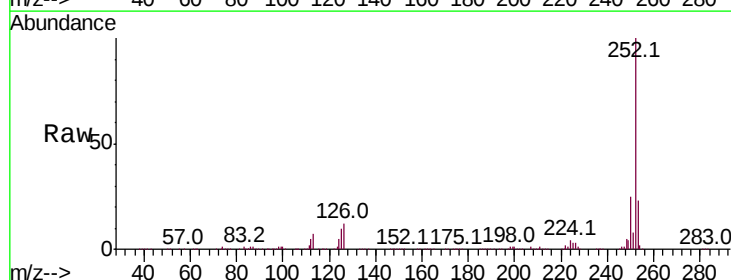
Instrument :
BNA_F
ClientSampled :

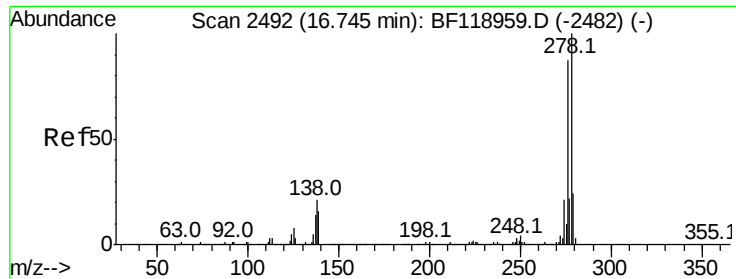
Tot Ion:252 Resp: 795864
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.910 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:252 Resp: 676059
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 44.703 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

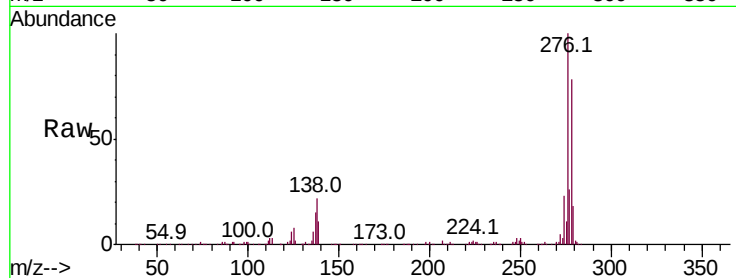
Tot Ion:278 Resp: 619709

Ion Ratio Lower Upper

278 100

139 14.3 11.0 16.4

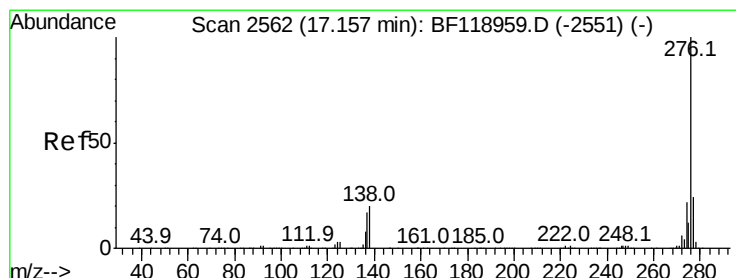
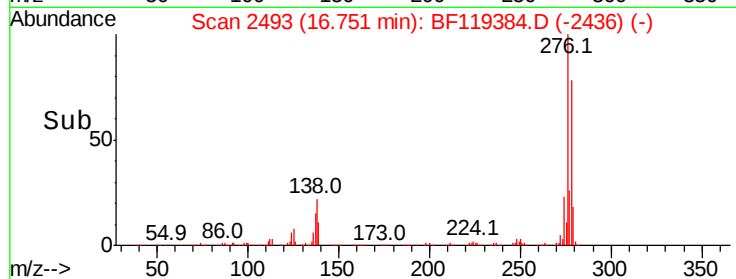
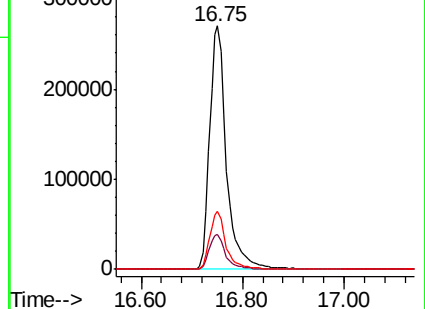
279 23.6 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.359 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

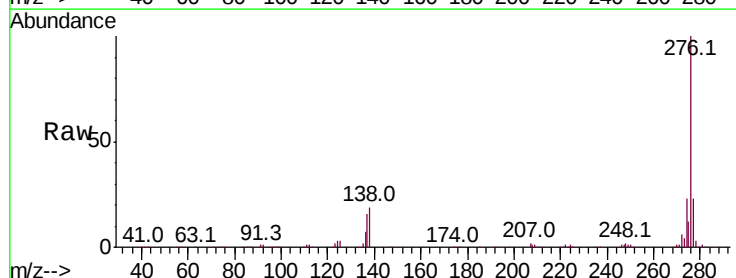
Tgt Ion:276 Resp: 621288

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 18.7 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

