

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121311.D
 Acq On : 17 Aug 2020 15:47
 Operator : JU/CG
 Sample : L3659-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Quant Time: Aug 17 17:03:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107133	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421774	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	221245	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	441132	20.00	ng	0.00
76) Chrysene-d12	13.86	240	399440	20.00	ng	0.00
86) Perylene-d12	15.27	264	394507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	402371	56.94	ng	0.00
7) Phenol-d6	6.35	99	489422	53.75	ng	0.00
23) Nitrobenzene-d5	7.27	82	317256	41.11	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	156488	57.45	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	631534	39.49	ng	0.00
79) Terphenyl-d14	12.80	244	751644	36.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	68024	22.620	ng	98
3) Pyridine	3.00	79	148378	18.954	ng	97
4) n-Nitrosodimethylamine	2.94	42	78404	24.455	ng	97
6) Aniline	6.36	93	131704	12.201	ng	# 53
8) 2-Chlorophenol	6.49	128	185985	23.935	ng	97
9) Benzaldehyde	6.25	77	112928	24.064	ng	94
10) Phenol	6.36	94	233387	23.626	ng	# 77
11) bis(2-Chloroethyl)ether	6.44	93	173607	24.348	ng	100
12) 1,3-Dichlorobenzene	6.65	146	190749	23.233	ng	99
13) 1,4-Dichlorobenzene	6.72	146	192759	23.228	ng	99
14) 1,2-Dichlorobenzene	6.87	146	183916	23.482	ng	99
15) Benzyl Alcohol	6.85	79	147592	24.196	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	247081	24.064	ng	99
17) 2-Methylphenol	6.97	107	148586	24.208	ng	98
18) Hexachloroethane	7.22	117	70518	24.029	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	118337	23.389	ng	95
20) 3+4-Methylphenols	7.12	107	190051	24.405	ng	# 77
22) Acetophenone	7.12	105	248510	22.876	ng	# 95
24) Nitrobenzene	7.29	77	188706	22.535	ng	96
25) Isophorone	7.53	82	338869	21.870	ng	97
26) 2-Nitrophenol	7.61	139	96385	23.756	ng	96
27) 2,4-Dimethylphenol	7.65	122	161651	24.866	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	218018	25.156	ng	98
29) 2,4-Dichlorophenol	7.85	162	153046	23.022	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	166378	22.676	ng	99
31) Naphthalene	8.01	128	529180	22.301	ng	99
32) Benzoic acid	7.77	122	79622	26.291	ng	98
33) 4-Chloroaniline	8.06	127	84497	8.726	ng	98
34) Hexachlorobutadiene	8.13	225	95797	21.579	ng	99
35) Caprolactam	8.42	113	50031	24.986	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	158410	23.356	ng	100
37) 2-Methylnaphthalene	8.70	142	356821	22.851	ng	98
38) 1-Methylnaphthalene	8.80	142	332982	22.522	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	168605	22.744	ng	99

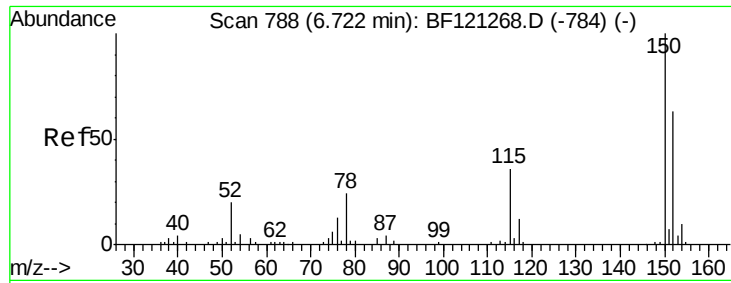
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121311.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	100303	45.142	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	112387	23.838	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	120093	23.452	ng	97
46) 1,1'-Biphenyl	9.16	154	435157	22.763	ng	98
47) 2-Chloronaphthalene	9.19	162	335238	22.781	ng	99
48) 2-Nitroaniline	9.29	65	101501	24.539	ng	92
49) Acenaphthylene	9.60	152	537765	23.008	ng	100
50) Dimethylphthalate	9.47	163	471707	28.334	ng	99
51) 2,6-Dinitrotoluene	9.53	165	86953	23.430	ng	90
52) Acenaphthene	9.77	154	309924	22.396	ng	98
53) 3-Nitroaniline	9.70	138	48830	11.524	ng	97
54) 2,4-Dinitrophenol	9.81	184	72122	47.056	ng	91
55) Dibenzofuran	9.95	168	491616	22.308	ng	98
56) 4-Nitrophenol	9.87	139	141734	51.831	ng	97
57) 2,4-Dinitrotoluene	9.93	165	115087	23.630	ng	91
58) Fluorene	10.29	166	371179	22.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	102943	25.425	ng	99
60) Diethylphthalate	10.17	149	399238	23.582	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	185568	22.872	ng	95
62) 4-Nitroaniline	10.31	138	91800	21.608	ng	98
63) Azobenzene	10.44	77	376328	22.247	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	56067	23.913	ng	90
66) n-Nitrosodiphenylamine	10.40	169	341975	22.609	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	117940	22.920	ng	# 93
68) Hexachlorobenzene	10.84	284	134286	22.886	ng	93
69) Atrazine	10.93	200	97765	21.609	ng	98
70) Pentachlorophenol	11.03	266	134188	53.624	ng	98
71) Phenanthrene	11.25	178	572558	22.687	ng	100
72) Anthracene	11.30	178	590861	23.331	ng	99
73) Carbazole	11.46	167	556939	22.486	ng	99
74) Di-n-butylphthalate	11.79	149	697755	24.959	ng	100
75) Fluoranthene	12.43	202	680155	24.204	ng	98
77) Benzidine	12.56	184	272312	25.933	ng	98
78) Pyrene	12.66	202	696212	23.406	ng	99
80) Butylbenzylphthalate	13.29	149	313539	25.805	ng	98
81) Benzo(a)anthracene	13.85	228	613395	22.641	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	169874	15.804	ng	99
83) Chrysene	13.89	228	624277	22.569	ng	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	417803	24.948	ng	100
85) Di-n-octyl phthalate	14.45	149	804256	26.193	ng	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	645288	22.000	ng	99
88) Benzo(b)fluoranthene	14.87	252	609835	23.071	ng	99
89) Benzo(k)fluoranthene	14.90	252	594523	24.220	ng	99
90) Benzo(a)pyrene	15.21	252	539264	22.603	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	539766	21.477	ng	99
92) Benzo(g,h,i)perylene	17.04	276	539336	21.746	ng	99

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

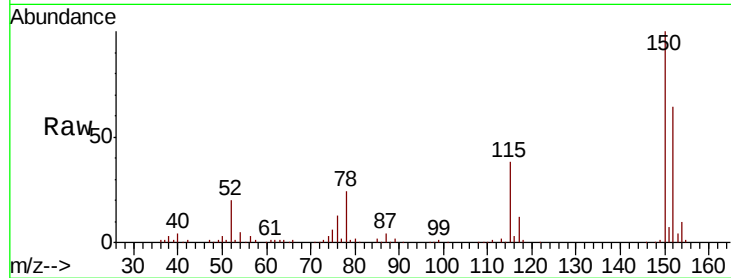


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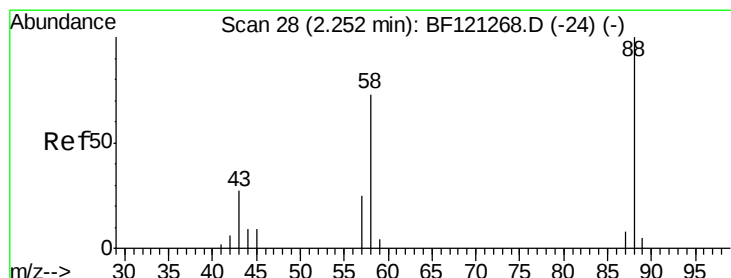
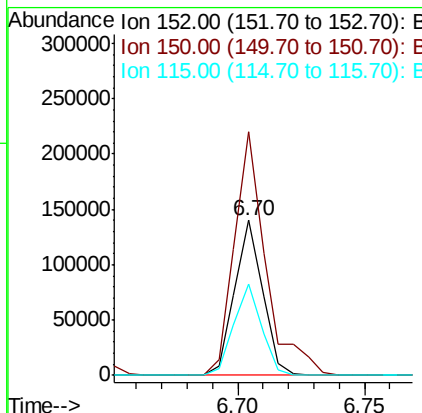
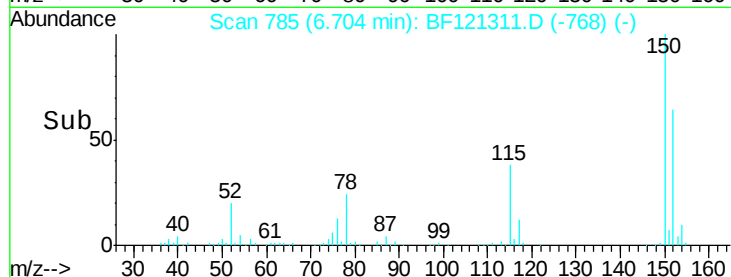
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampled :
 SP1-3MS

Tot Ion	152	Resp	107133
Ion Ratio	100	Lower	Upper
152	100		
150	157.1	123.9	185.9
115	59.1	47.3	70.9



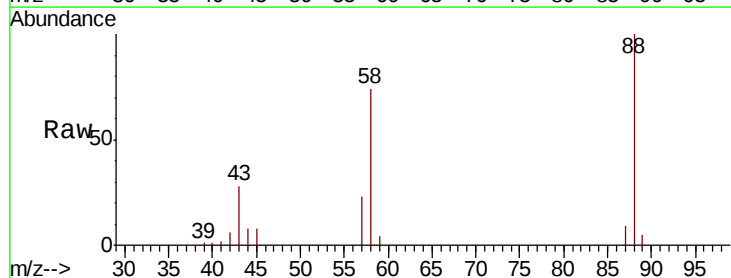
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



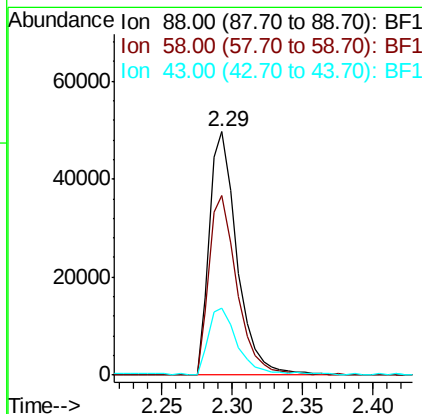
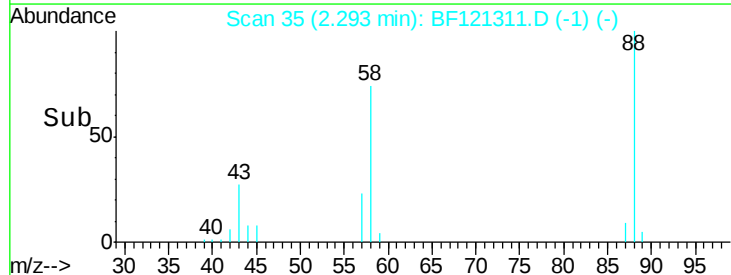
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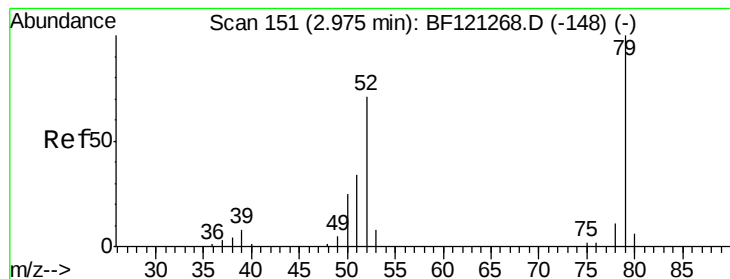
1,4-Dioxane
 Concen: 22.620 ng
 RT: 2.29 min Scan# 35
 Delta R.T. 0.02 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	88	Resp	68024
Ion Ratio	100	Lower	Upper
88	100		
58	74.4	57.8	86.8
43	28.6	22.2	33.2



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: 18.954 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

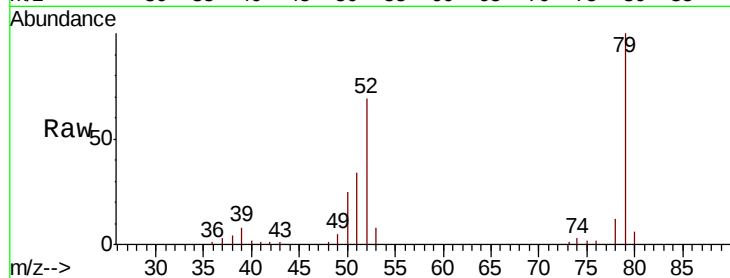
Tot Ion: 79 Resp: 148378

Ion Ratio Lower Upper

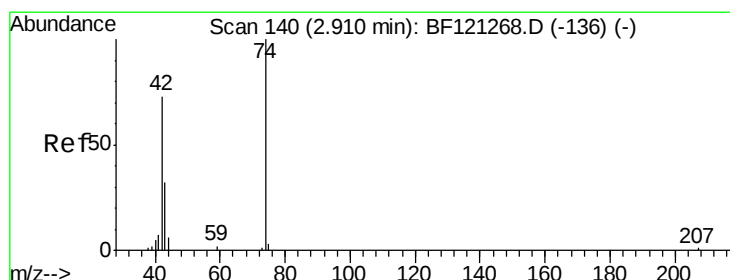
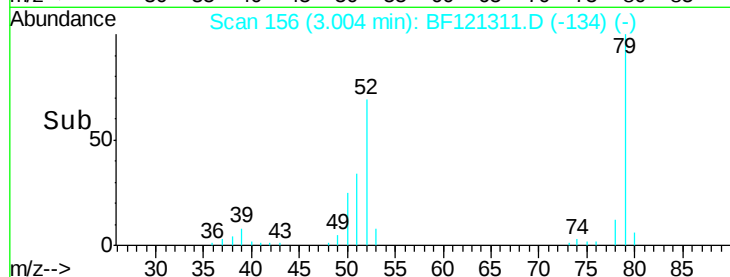
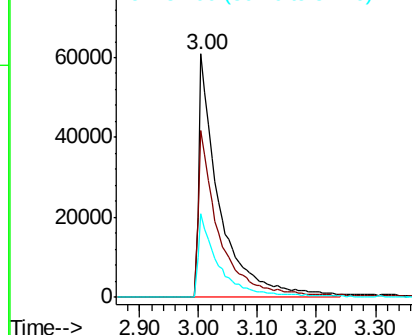
79 100

52 68.6 56.9 85.3

51 34.3 26.3 39.5



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



#4

n-Nitrosodimethylamine

Concen: 24.455 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

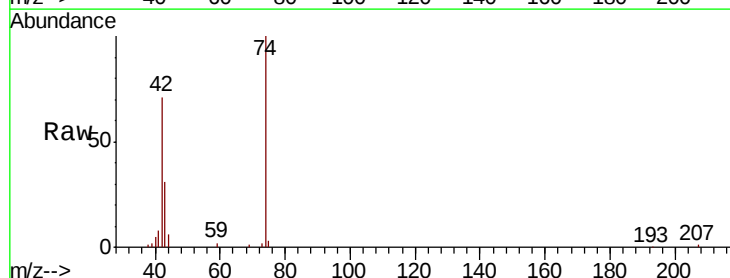
Tgt Ion: 42 Resp: 78404

Ion Ratio Lower Upper

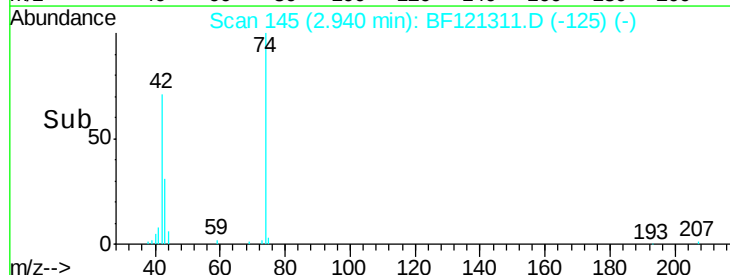
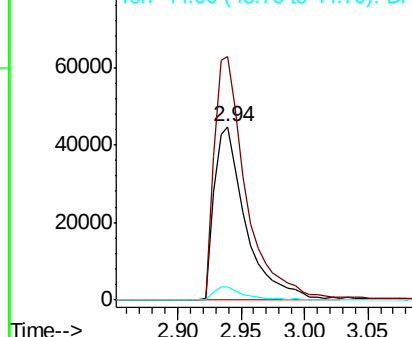
42 100

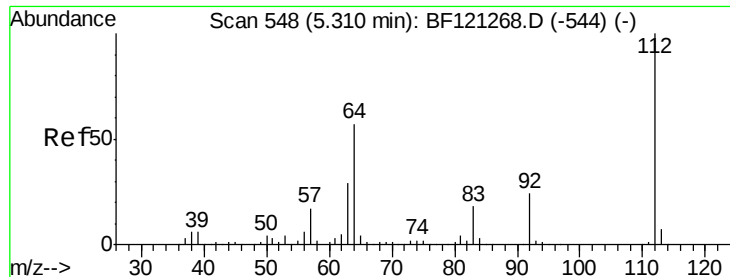
74 140.5 115.8 173.8

44 7.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

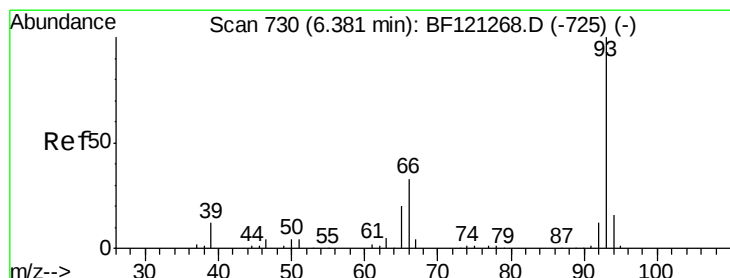
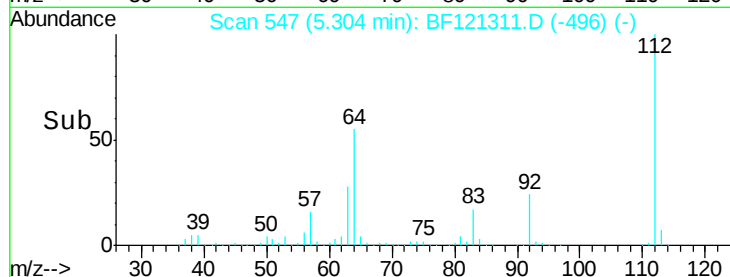
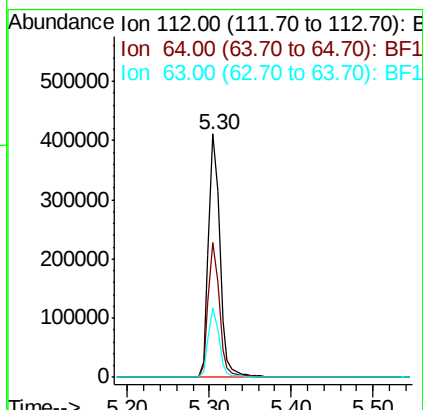
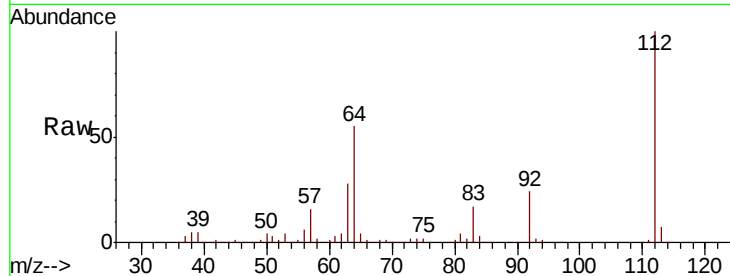




#5
2-Fluorophenol
Concen: 56.940 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

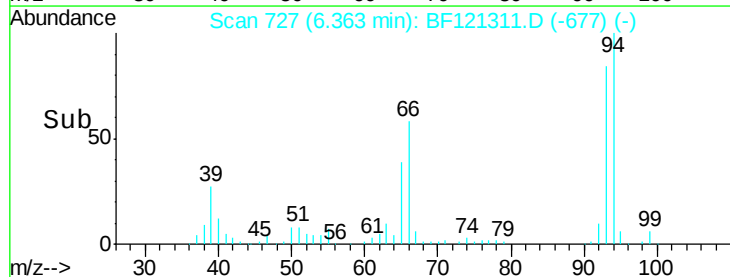
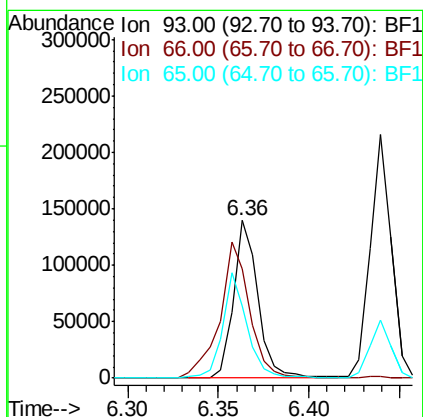
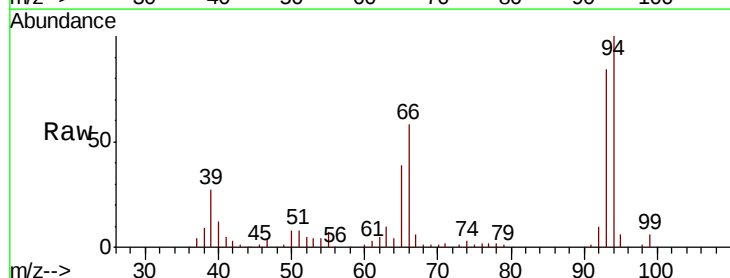
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

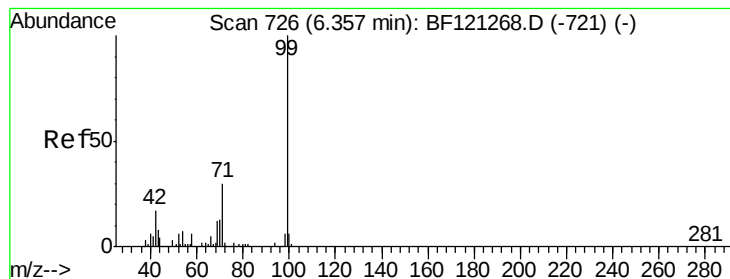
Tot Ion:112 Resp: 402371
Ion Ratio Lower Upper
112 100
64 55.4 42.9 64.3
63 28.3 22.2 33.2



#6
Aniline
Concen: 12.201 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion: 93 Resp: 131704
Ion Ratio Lower Upper
93 100
66 68.9 32.2 48.4#
65 45.9 18.2 27.4#





#7

Phenol-d6

Concen: 53.746 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

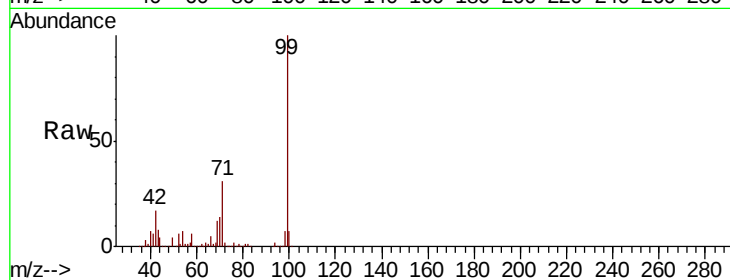
Tot Ion: 99 Resp: 489422

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

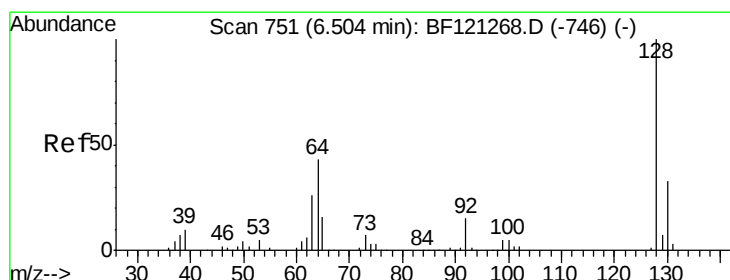
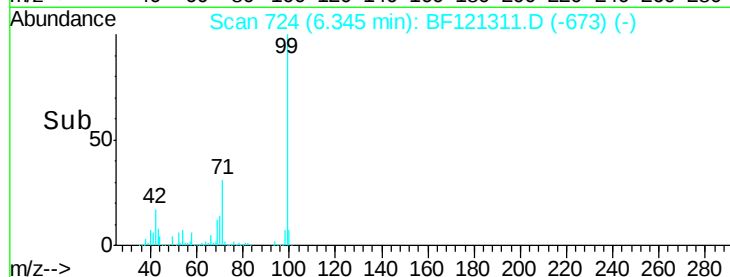
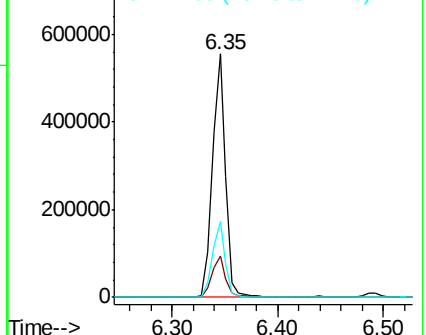
71 31.0 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.935 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

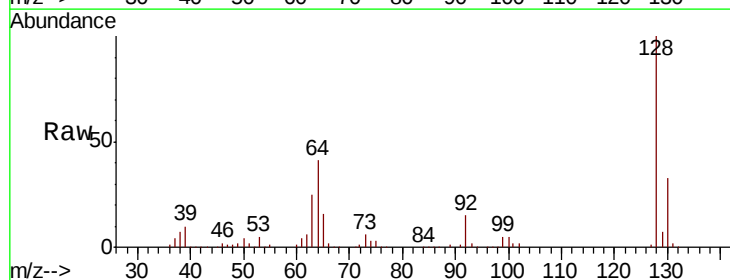
Tgt Ion: 128 Resp: 185985

Ion Ratio Lower Upper

128 100

130 33.3 11.9 51.9

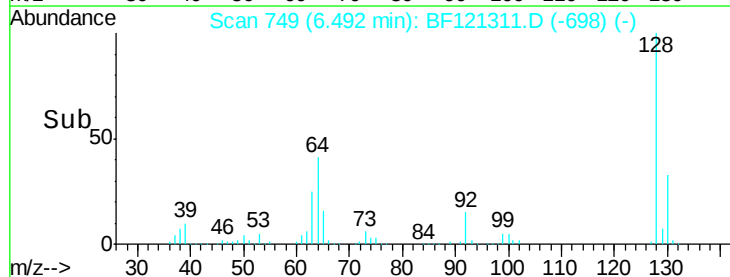
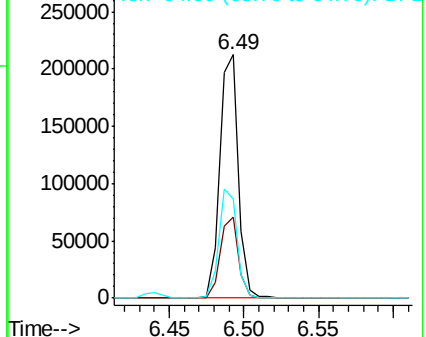
64 40.7 22.5 62.5

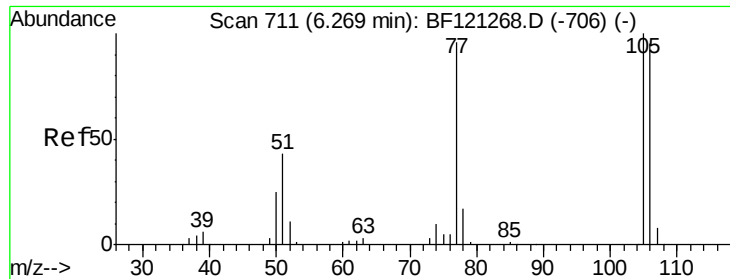


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

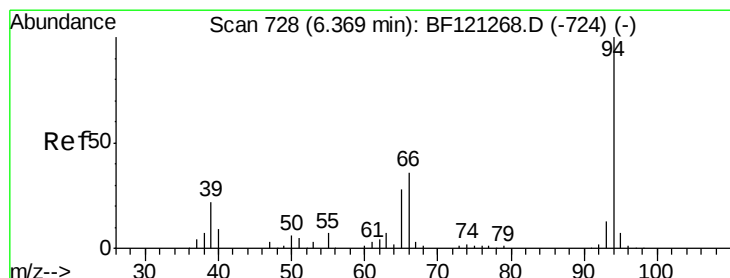
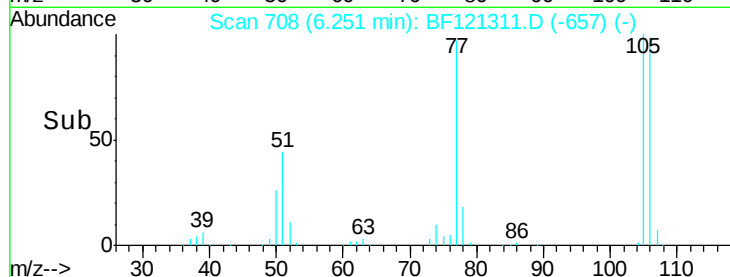
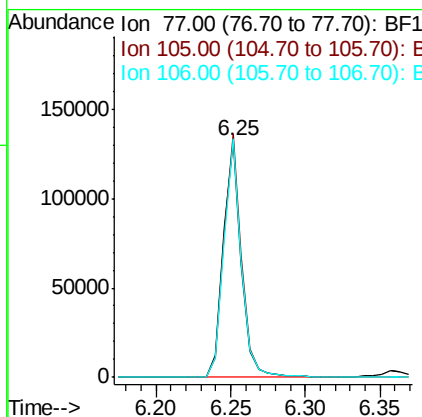
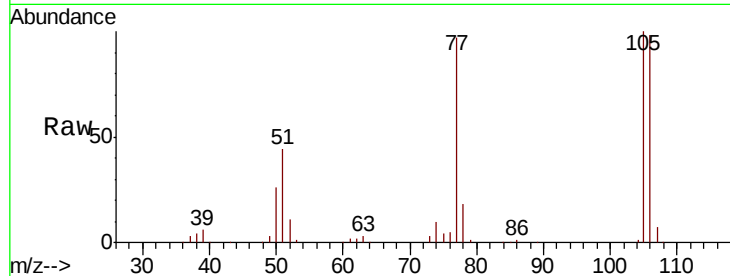




#9
Benzaldehyde
Concen: 24.064 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

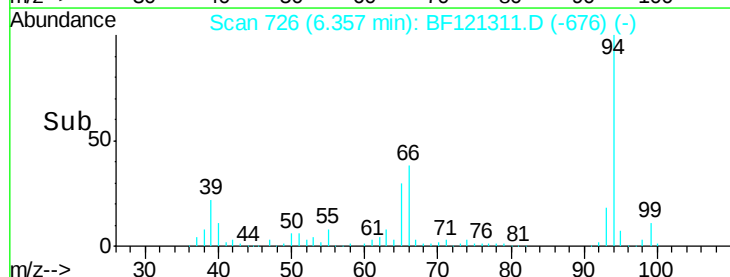
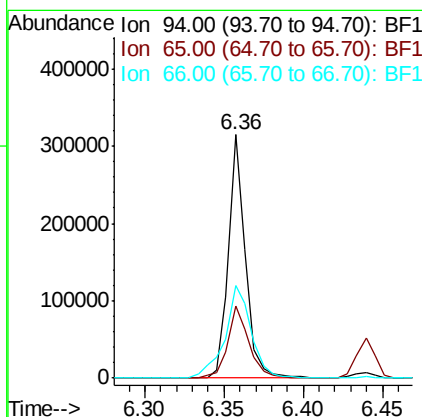
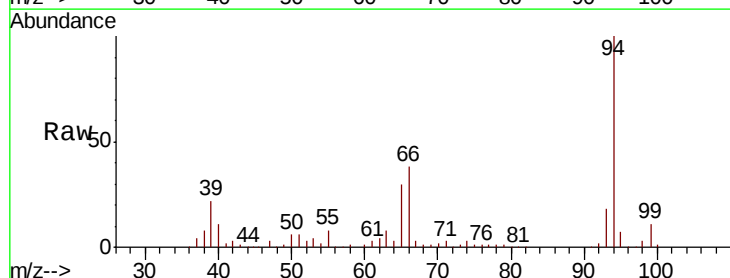
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

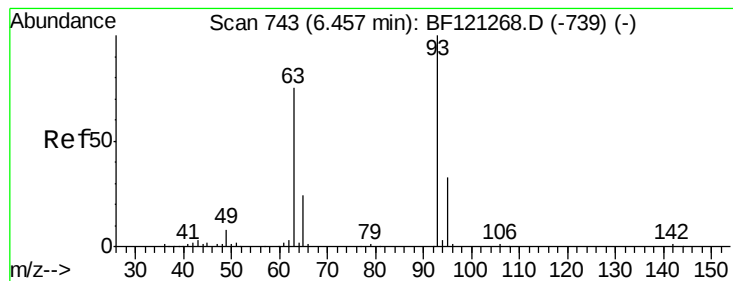
Tot Ion: 77 Resp: 112928
Ion Ratio Lower Upper
77 100
105 103.1 77.6 117.6
106 100.9 74.9 114.9



#10
Phenol
Concen: 23.626 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion: 94 Resp: 233387
Ion Ratio Lower Upper
94 100
65 29.8 19.2 59.2
66 38.2 39.6 79.6#

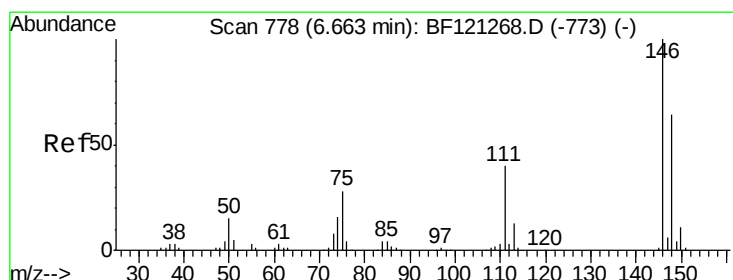
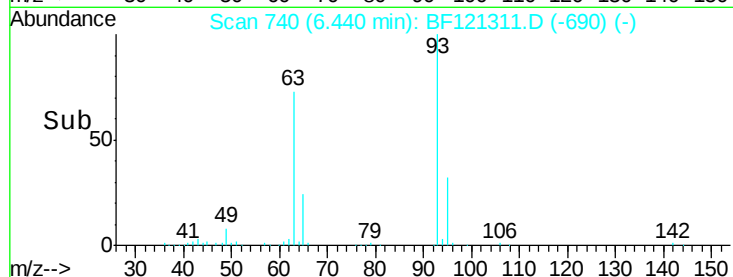
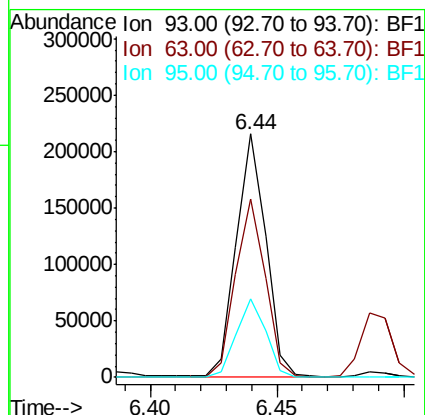
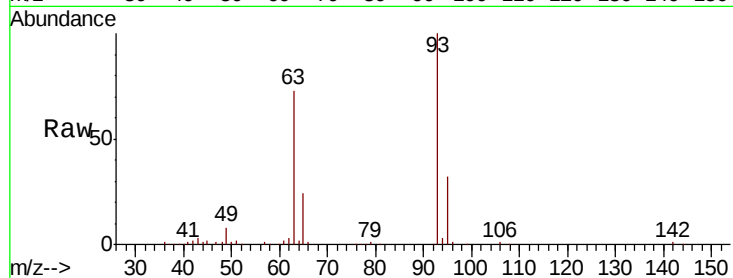




#11
bis(2-Chloroethyl)ether
Concen: 24.348 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

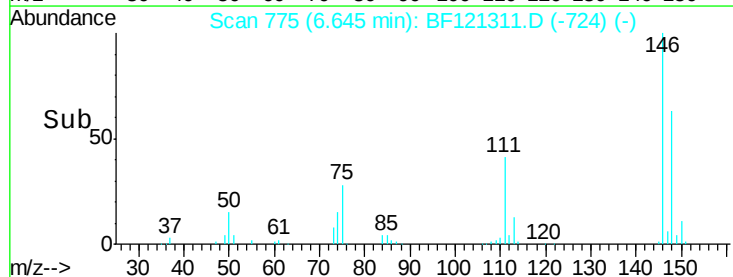
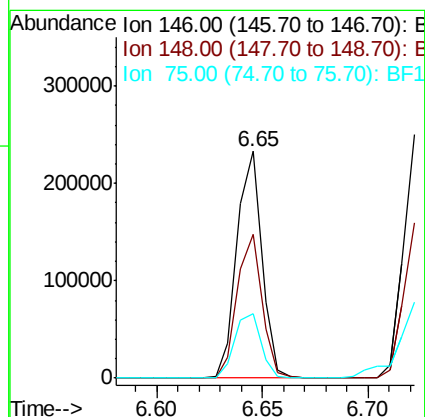
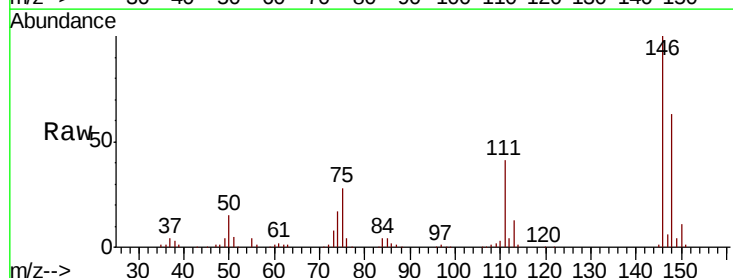
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

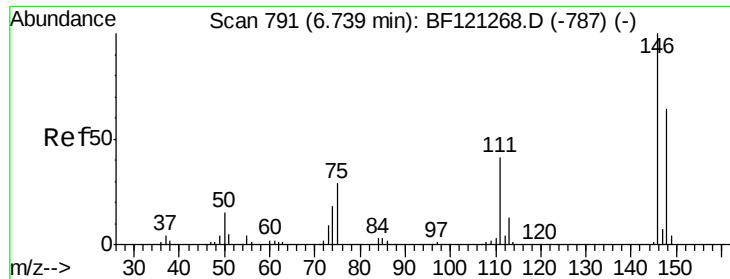
Tot Ion:	93	Resp:	173607
Ion	Ratio	Lower	Upper
93	100		
63	73.4	53.9	93.9
95	32.5	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 23.233 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:	146	Resp:	190749
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
75	28.2	24.1	36.1

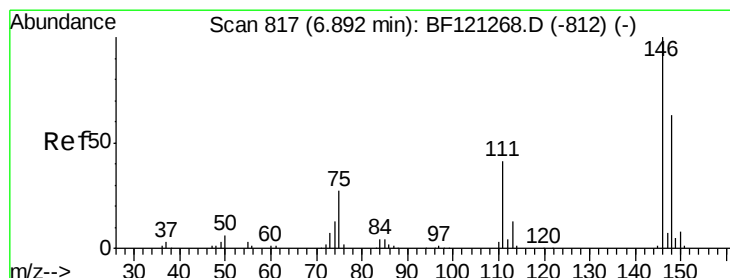
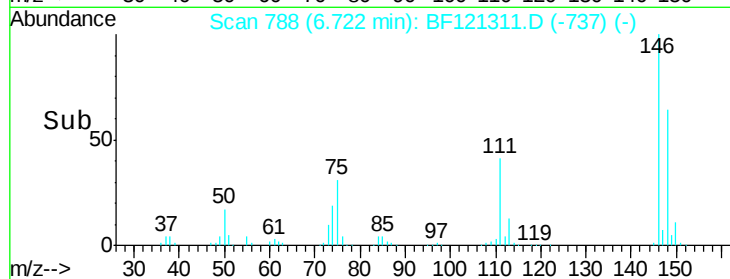
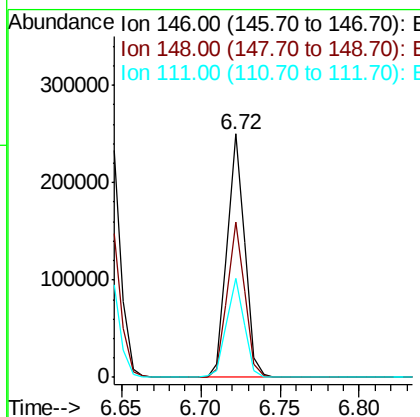
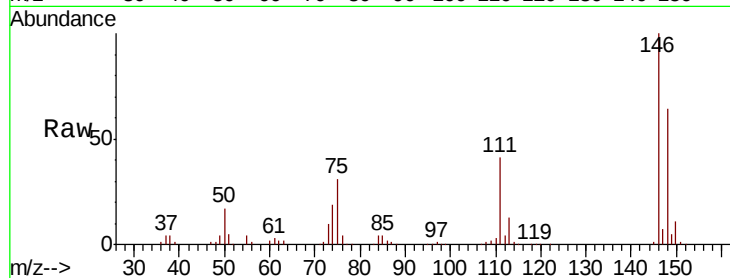




#13
 1,4-Dichlorobenzene
 Concen: 23.228 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

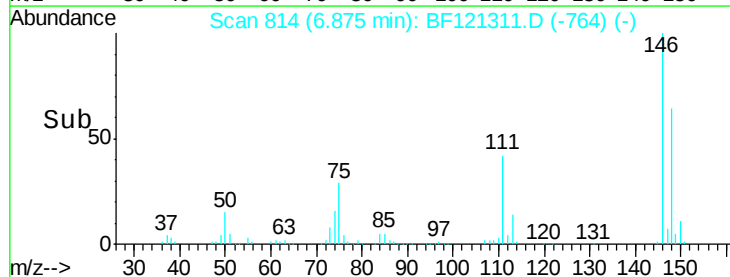
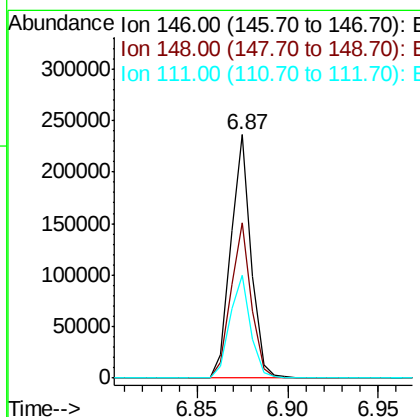
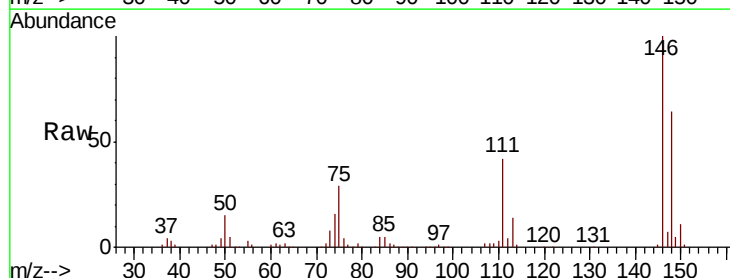
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

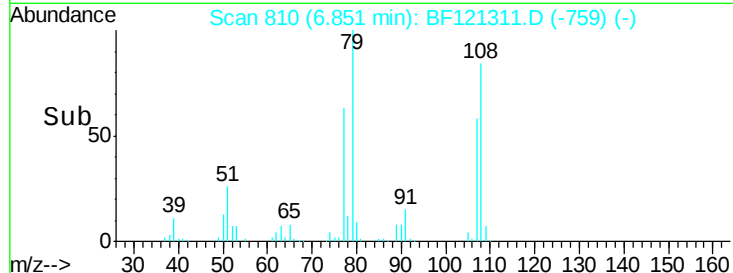
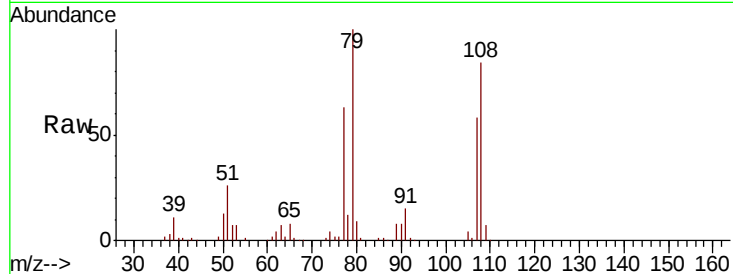
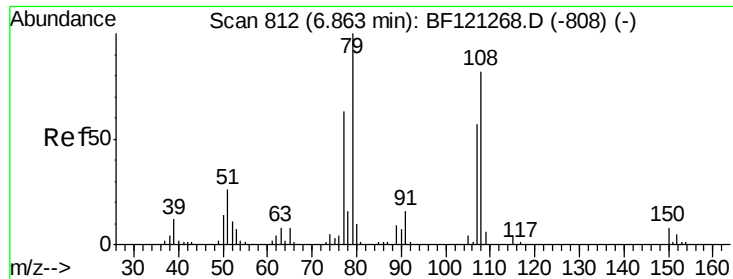
Tot Ion:146 Resp: 192759
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 40.7 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 23.482 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:146 Resp: 183916
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 42.3 32.3 48.5

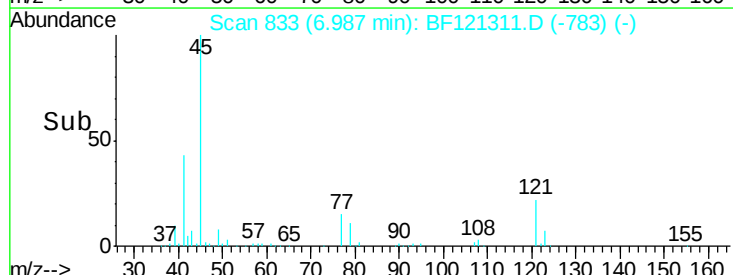
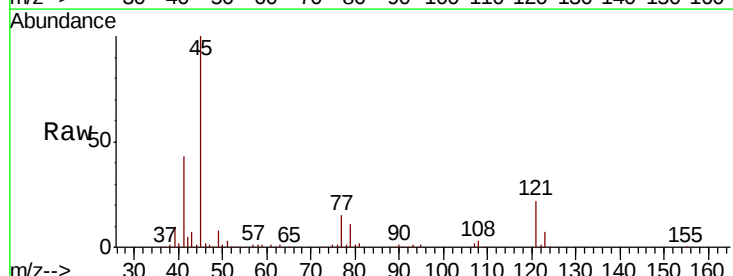
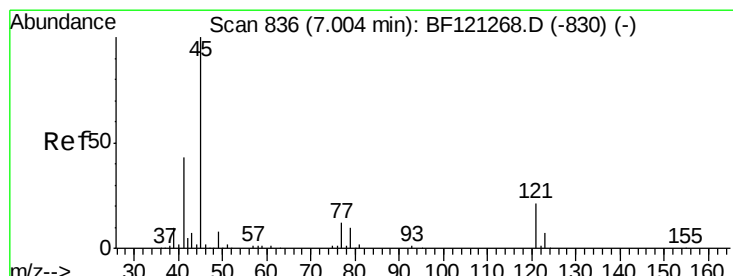
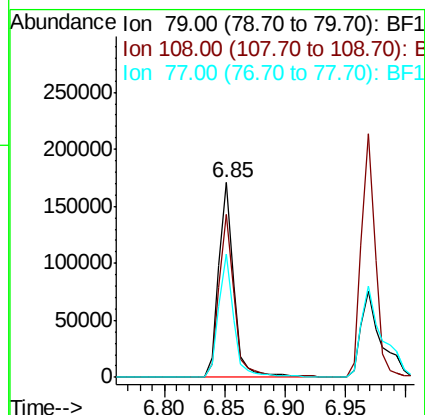




#15
Benzyl Alcohol
Concen: 24.196 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

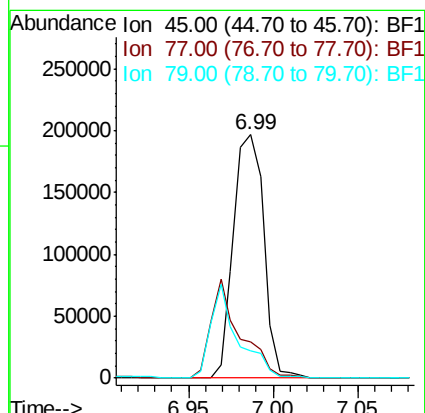
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

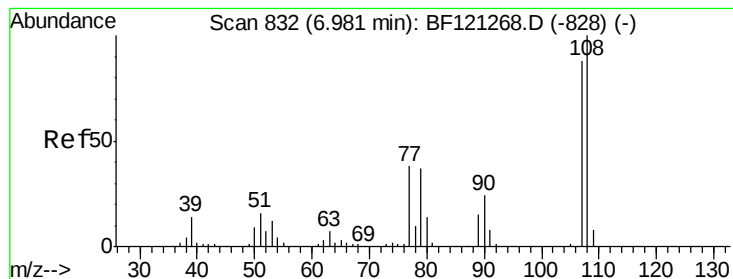
Tot Ion: 79 Resp: 147592
Ion Ratio Lower Upper
79 100
108 83.6 66.3 99.5
77 63.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.064 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion: 45 Resp: 247081
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.4
79 11.1 0.0 31.5





#17

2-Methylphenol

Concen: 24.208 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion:107 Resp: 148586

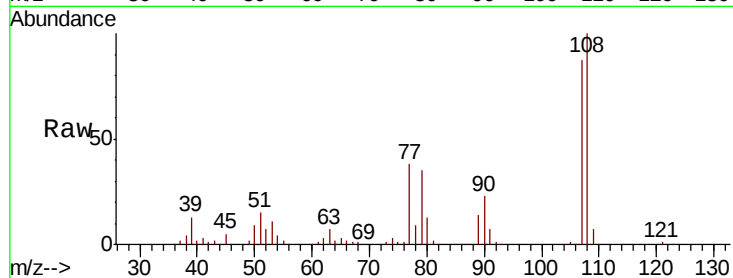
Ion Ratio Lower Upper

107 100

108 115.5 93.4 140.0

77 43.5 35.7 53.5

79 40.8 34.1 51.1

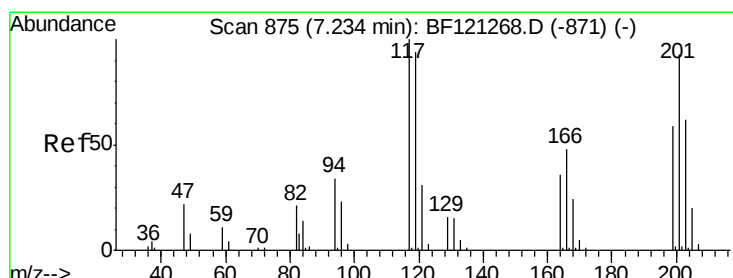
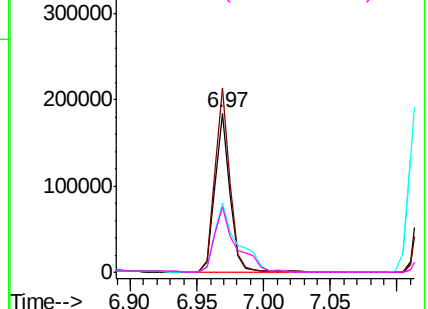
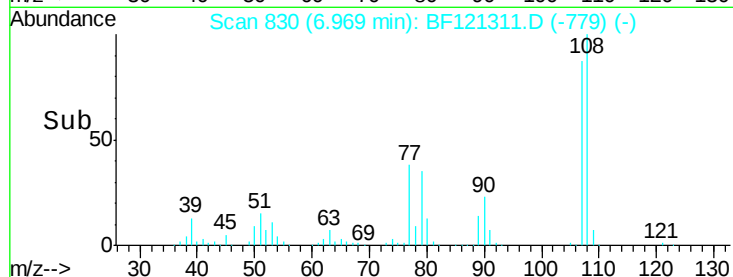


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.029 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

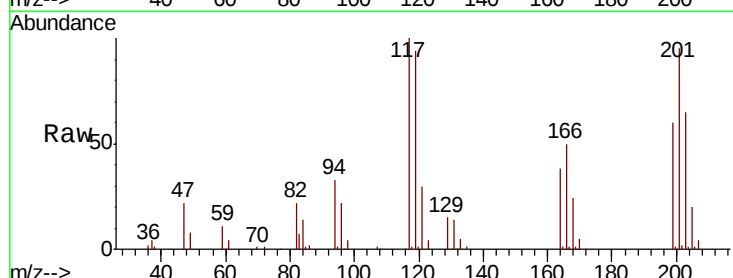
Tgt Ion:117 Resp: 70518

Ion Ratio Lower Upper

117 100

119 94.1 74.6 112.0

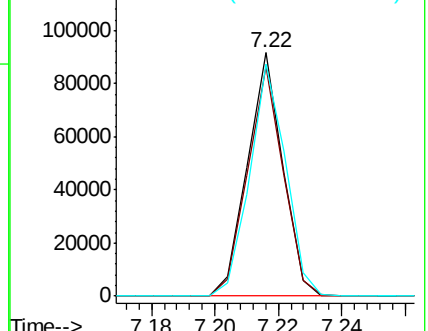
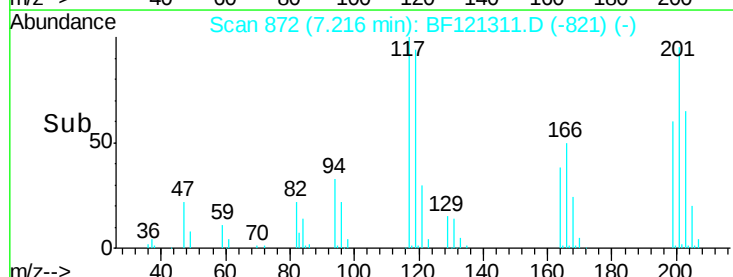
201 95.1 69.8 104.8

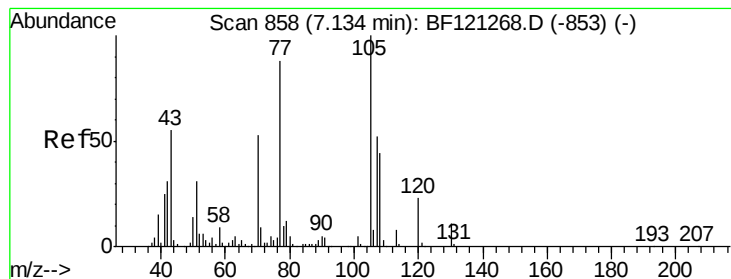


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 23.389 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion: 70 Resp: 118337

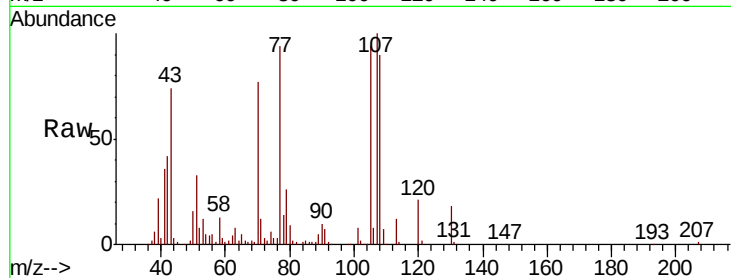
Ion Ratio Lower Upper

70 100

42 55.2 47.0 70.6

101 10.0 7.6 11.4

130 23.5 16.9 25.3

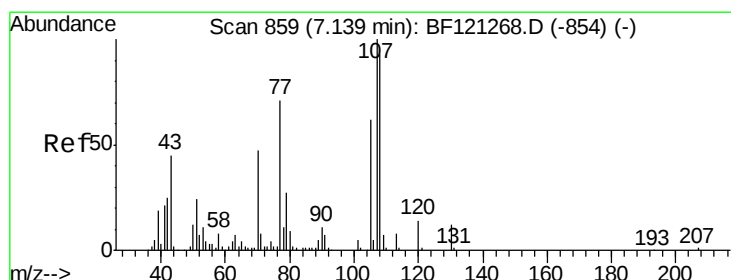
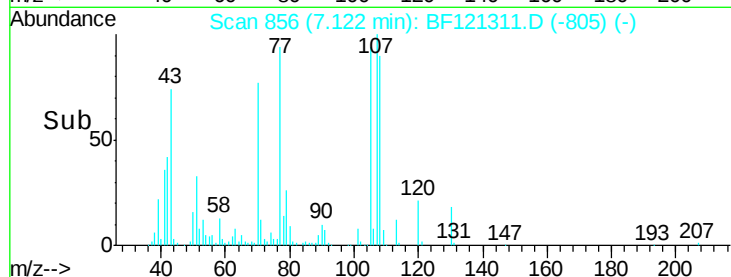
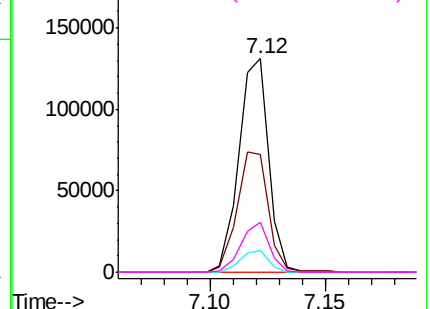


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 24.405 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Tgt Ion: 107 Resp: 190051

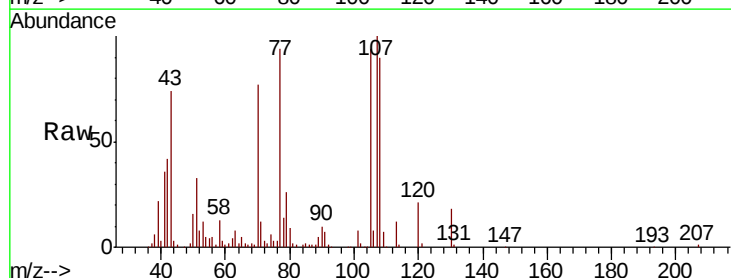
Ion Ratio Lower Upper

107 100

108 90.3 66.3 106.3

77 94.1 119.8 159.8#

79 25.8 5.1 45.1

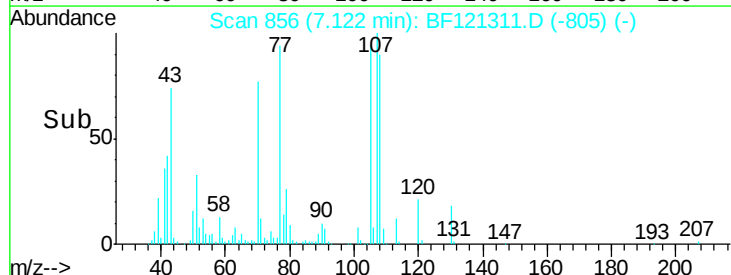
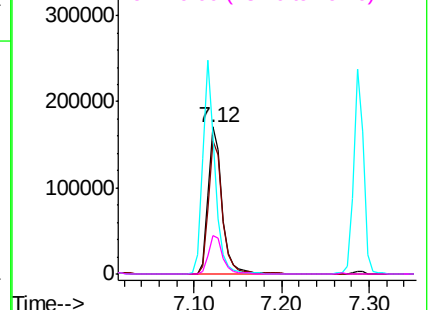


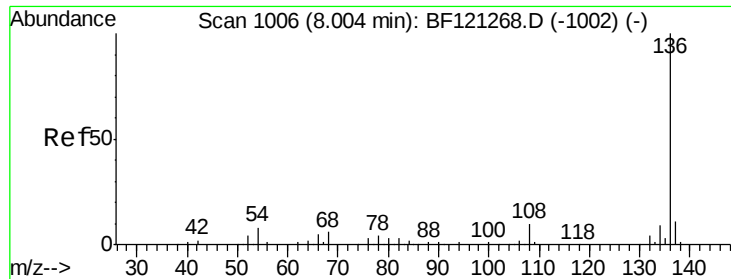
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

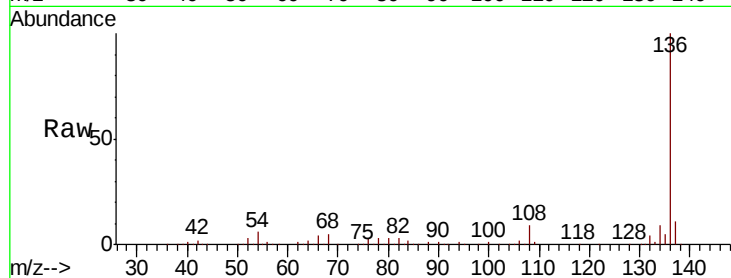




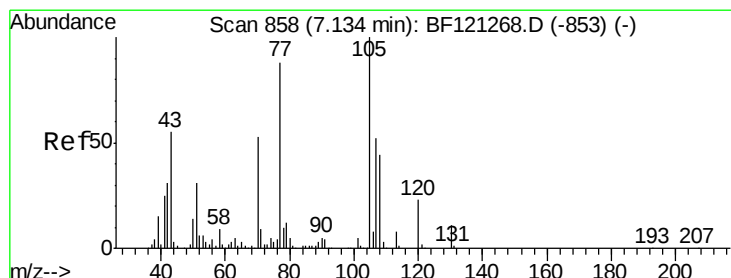
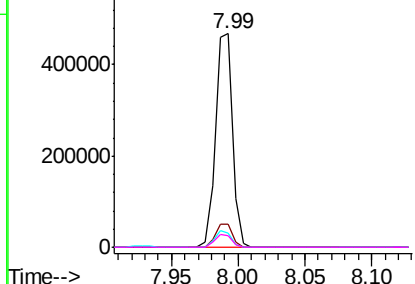
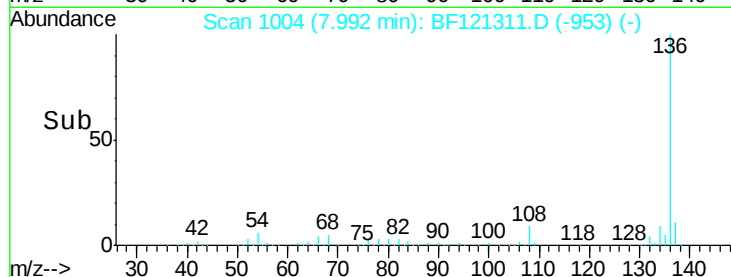
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:136	Resp:	421774
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	6.4	5.4 8.2
68	5.3	4.6 6.8

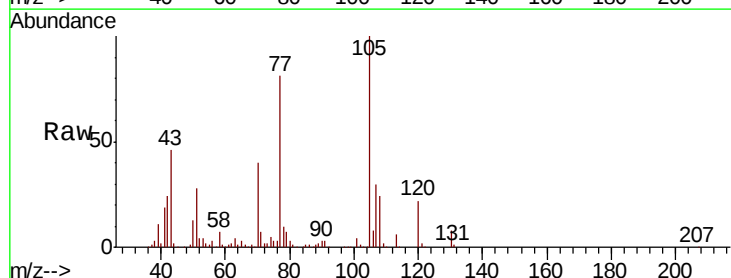


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

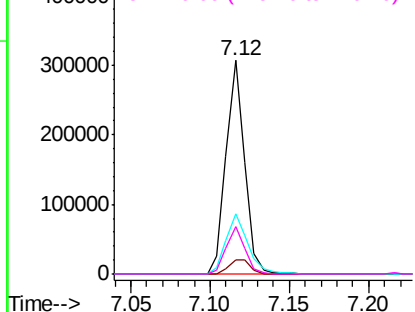
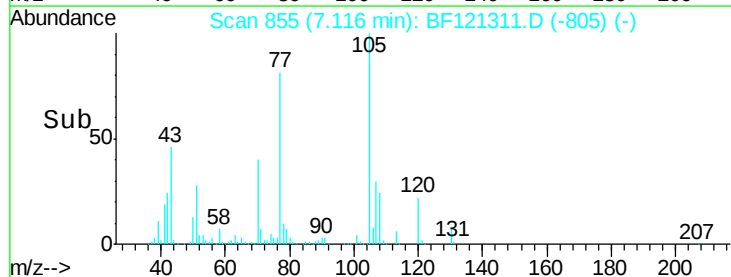


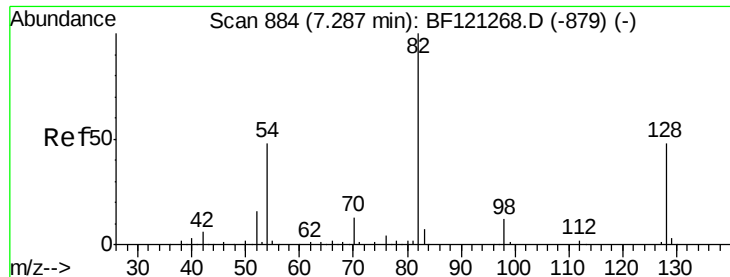
#22
Acetophenone
Concen: 22.876 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:105	Resp:	248510
Ion Ratio	Lower	Upper
105	100	
71	6.8	7.1 10.7#
51	28.4	25.9 38.9
120	21.9	17.8 26.8



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

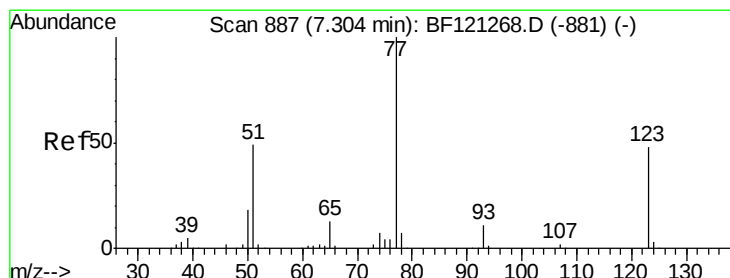
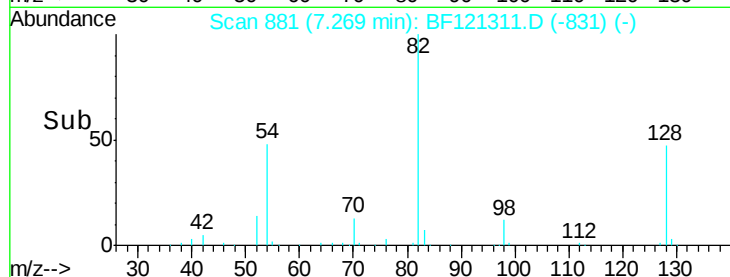
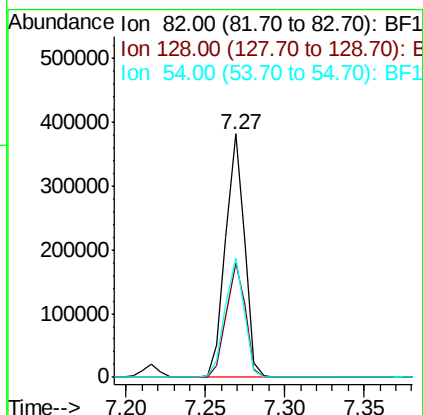
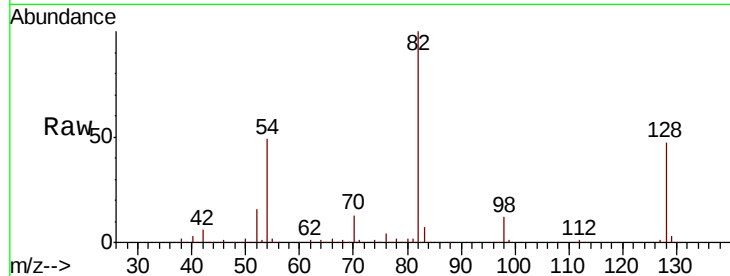




#23
 Nitrobenzene-d5
 Concen: 41.110 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

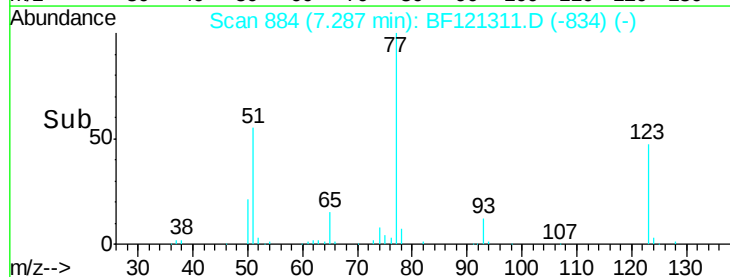
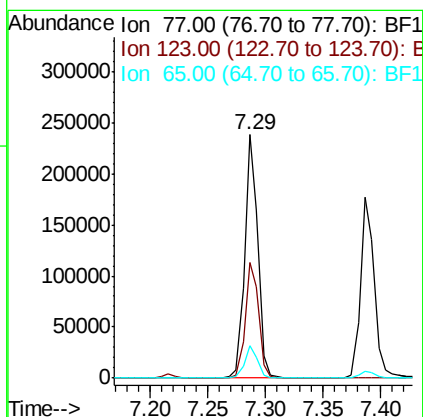
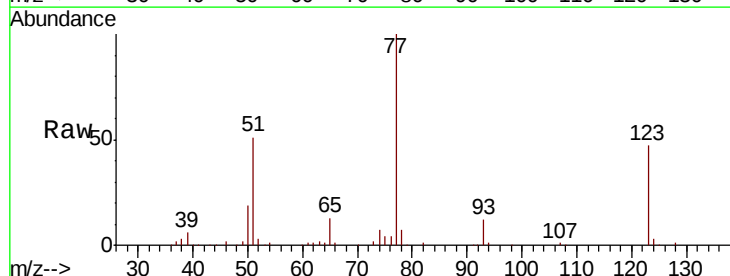
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

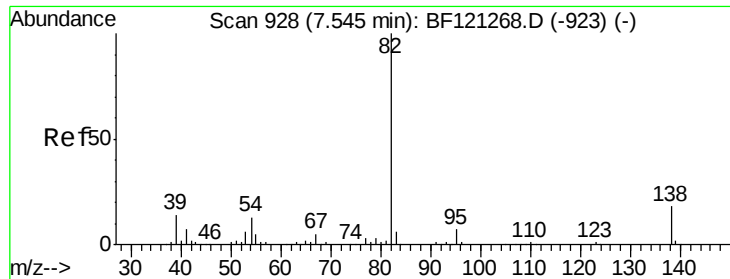
Tot Ion: 82 Resp: 317256
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.2 57.2
 54 49.1 38.2 57.4



#24
 Nitrobenzene
 Concen: 22.535 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion: 77 Resp: 188706
 Ion Ratio Lower Upper
 77 100
 123 47.3 40.3 60.5
 65 13.2 10.2 15.4





#25

Isophorone

Concen: 21.870 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampled :

SP1-3MS

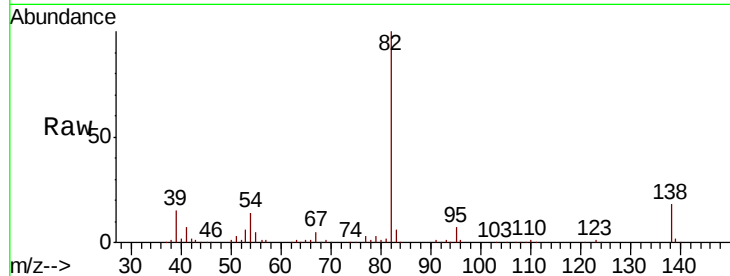
Tot Ion: 82 Resp: 338869

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

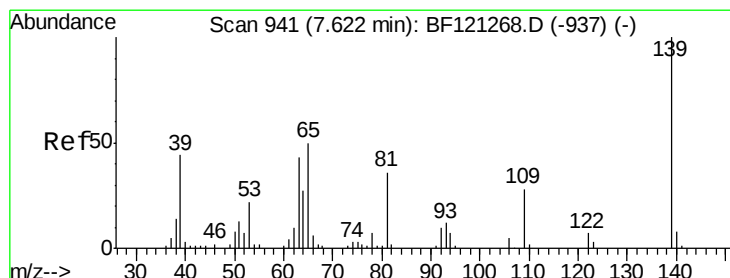
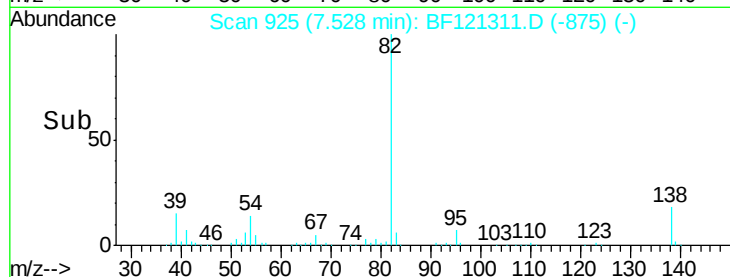
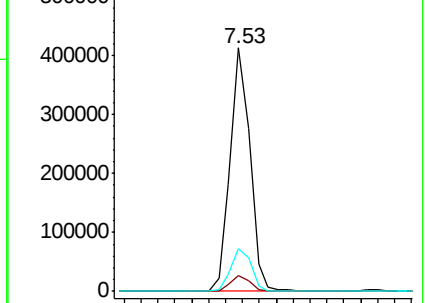
138 17.8 15.6 23.4



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: 23.756 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

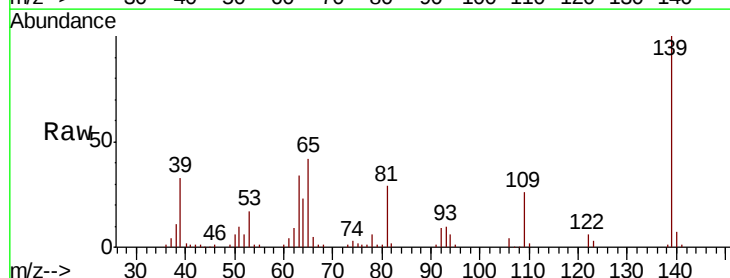
Tgt Ion: 139 Resp: 96385

Ion Ratio Lower Upper

139 100

109 26.4 20.8 31.2

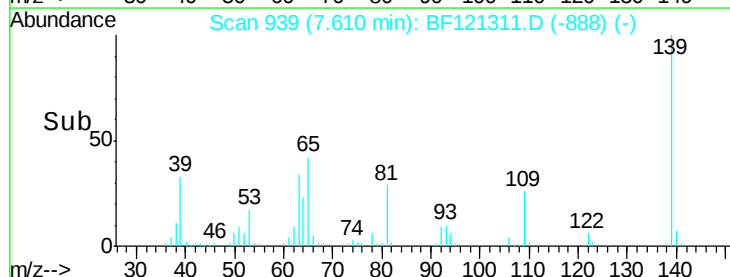
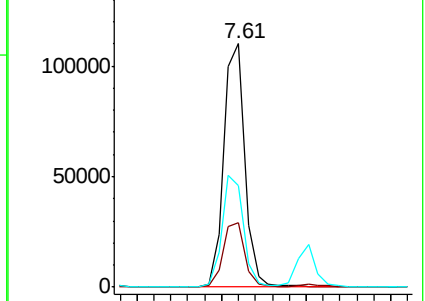
65 41.6 36.4 54.6

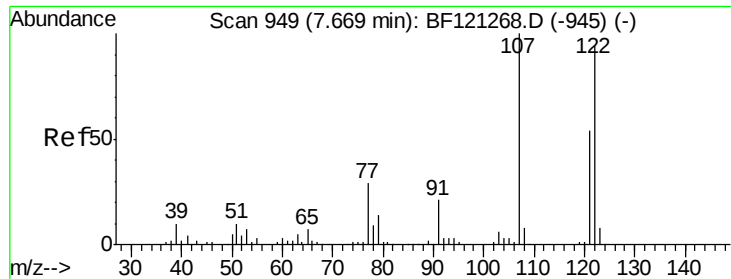


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

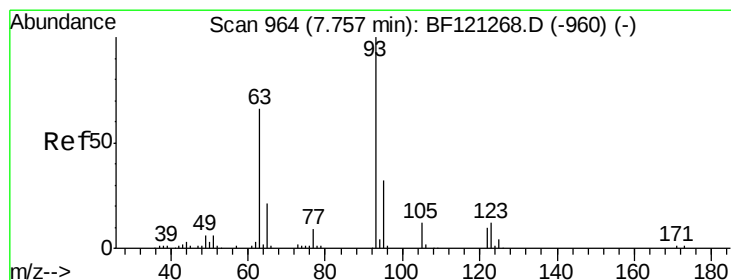
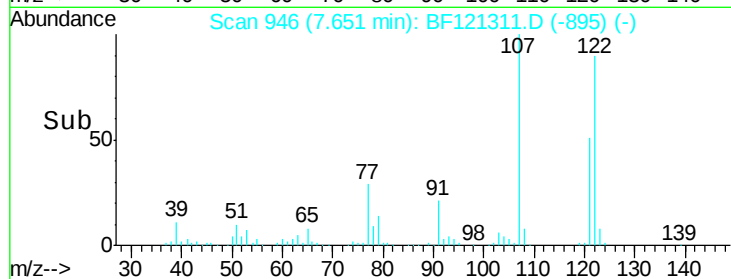
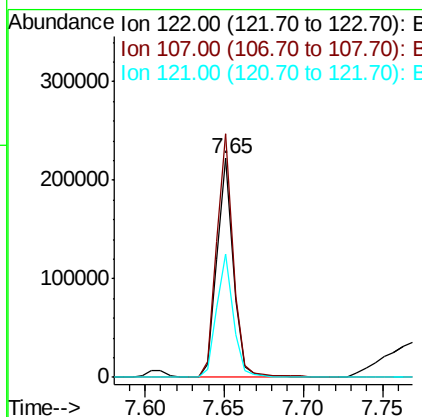
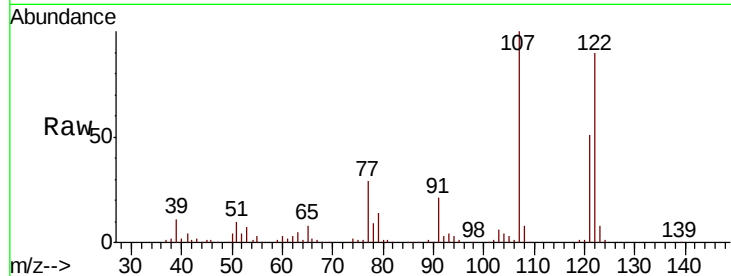




#27
 2,4-Dimethylphenol
 Concen: 24.866 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

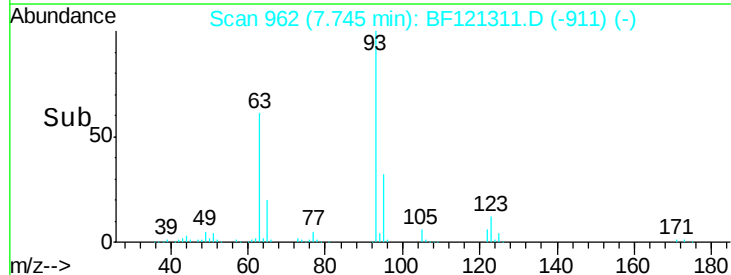
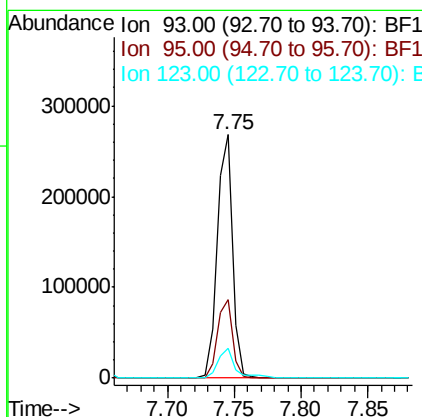
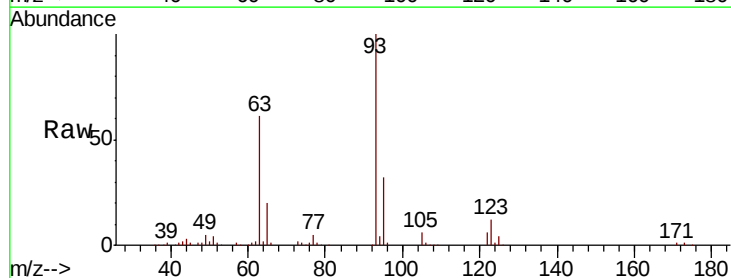
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

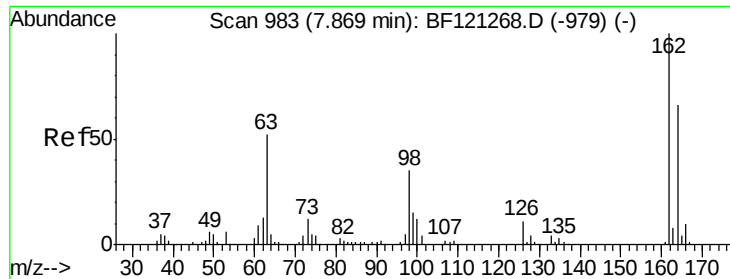
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	87.2	130.8
121	56.3	45.7	68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.156 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.7	40.1
123	12.3	9.1	13.7

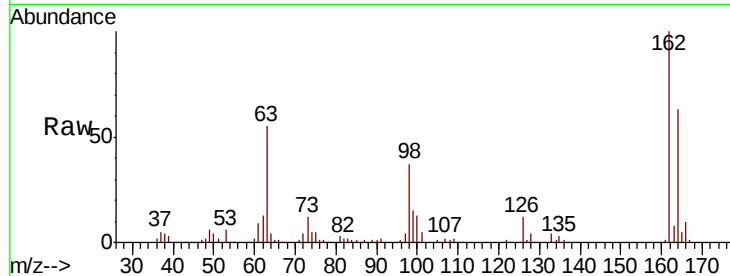




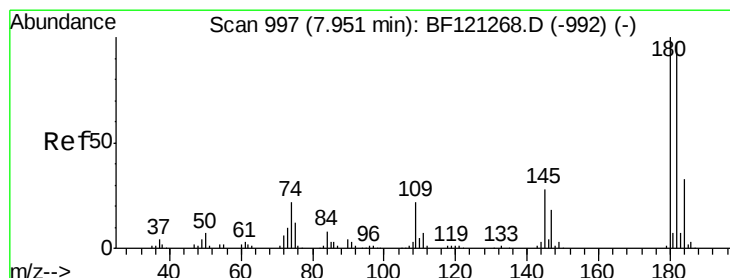
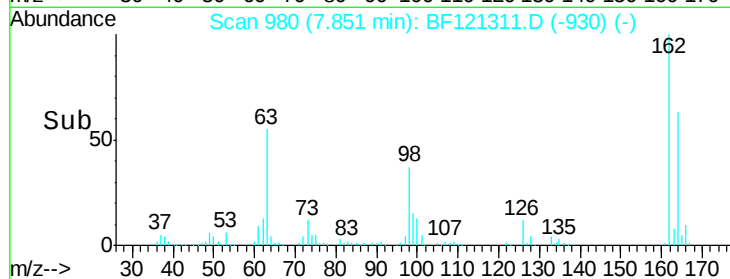
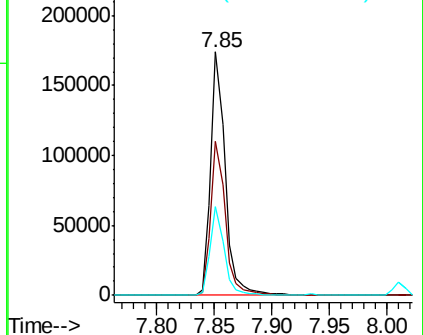
#29
 2,4-Dichlorophenol
 Concen: 23.022 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.0	85.0
98	36.7	13.7	53.7

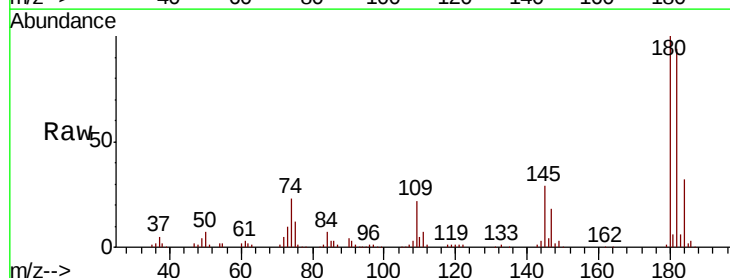


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

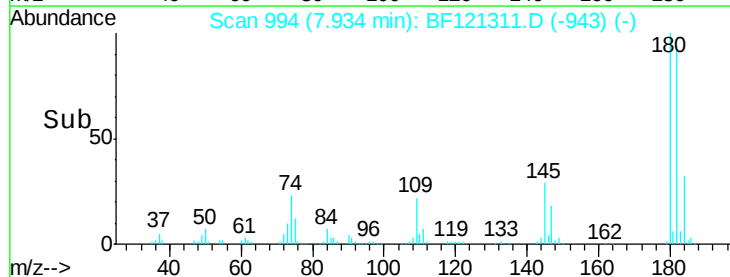
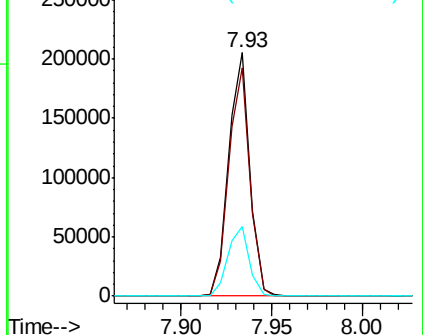


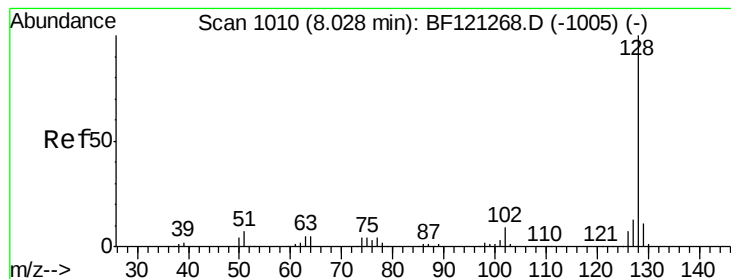
#30
 1,2,4-Trichlorobenzene
 Concen: 22.676 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	28.6	23.4	35.0



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





#31

Naphthalene

Concen: 22.301 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

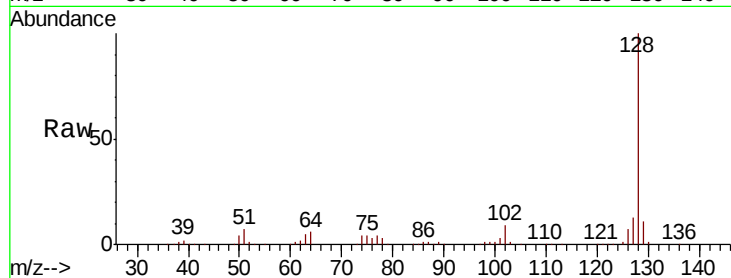
Tot Ion:128 Resp: 529180

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

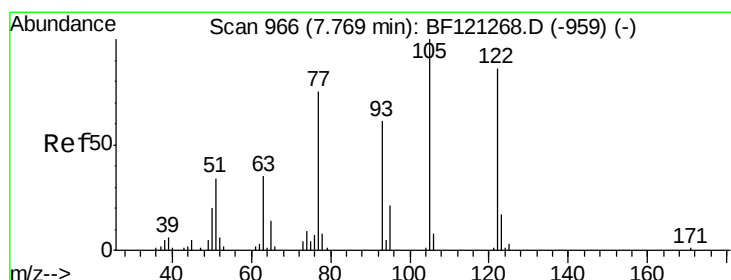
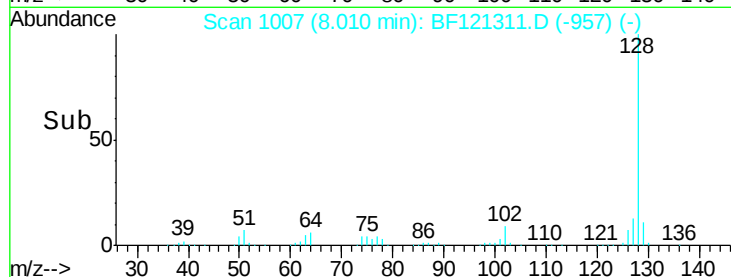
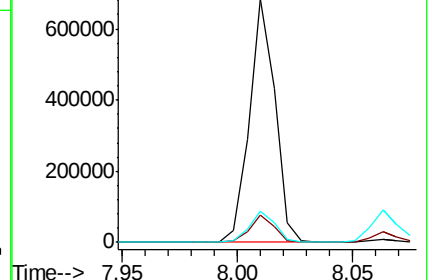
127 12.8 10.6 15.8



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: 26.291 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

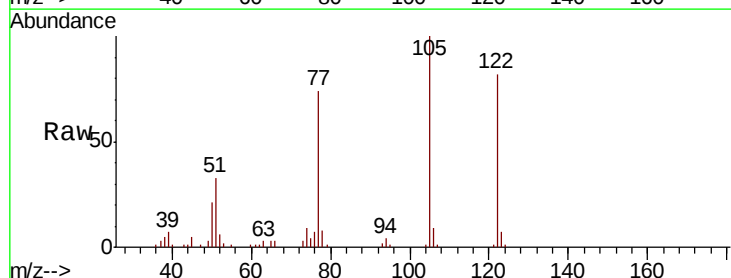
Tgt Ion:122 Resp: 79622

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

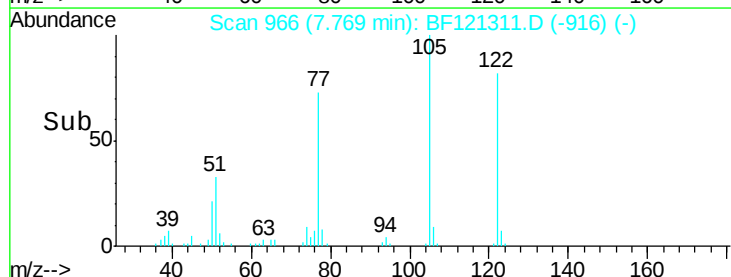
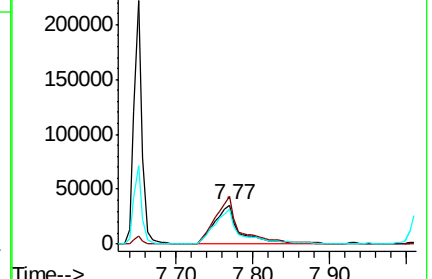
77 90.8 67.8 107.8

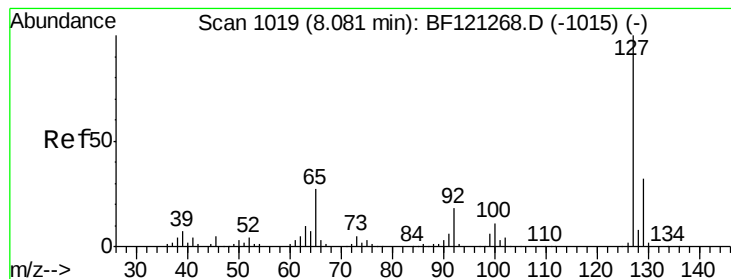


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 8.726 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion:127 Resp: 84497

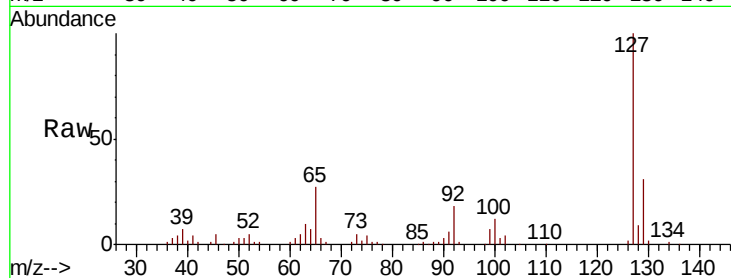
Ion Ratio Lower Upper

127 100

129 31.3 25.7 38.5

65 27.1 22.9 34.3

92 17.9 15.0 22.4

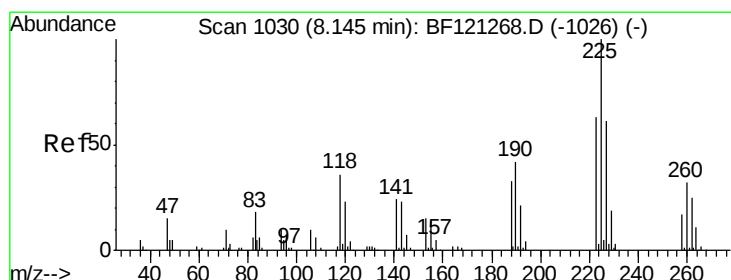
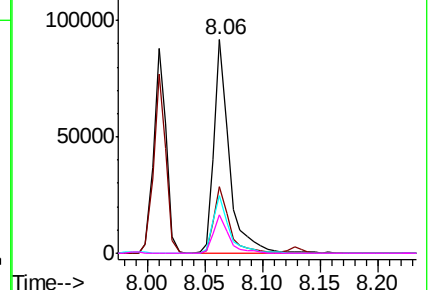
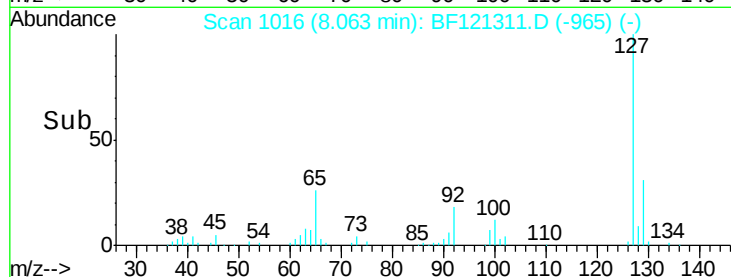


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 21.579 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

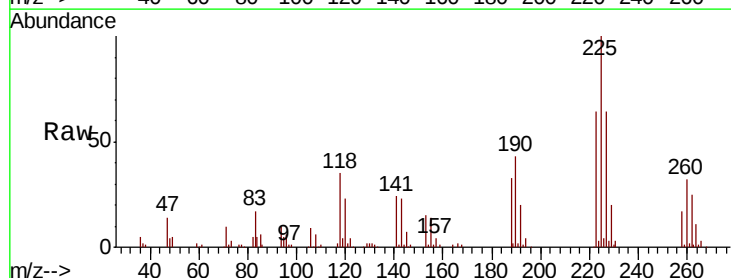
Tgt Ion:225 Resp: 95797

Ion Ratio Lower Upper

225 100

223 63.6 51.0 76.4

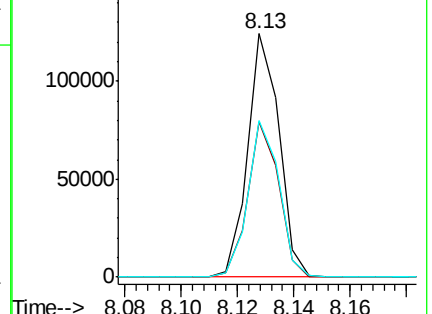
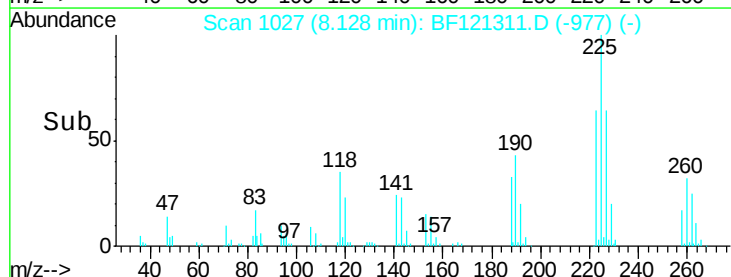
227 64.5 51.0 76.4

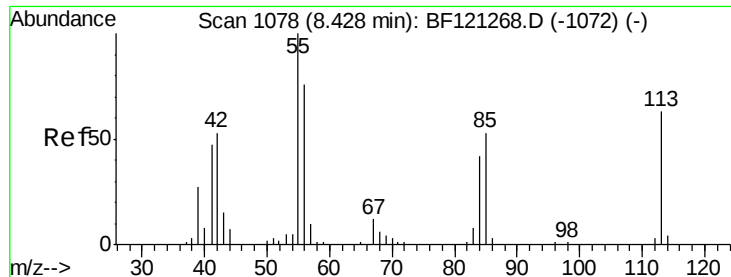


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

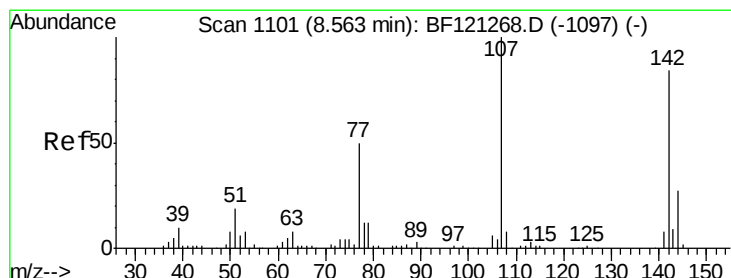
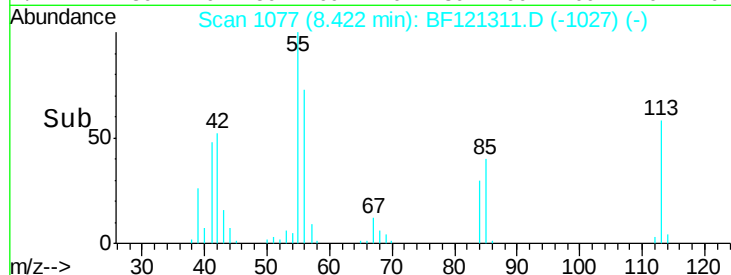
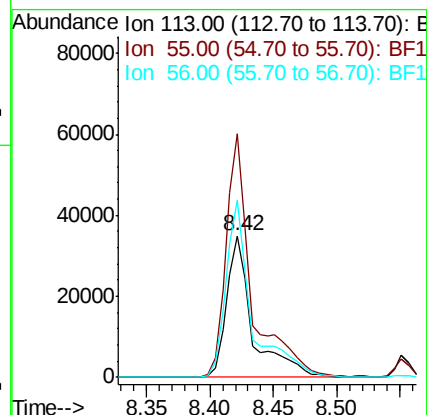
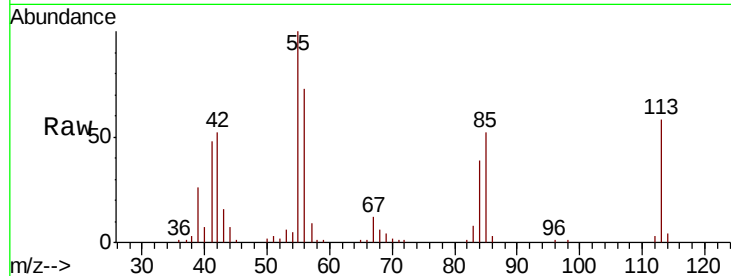




#35
 Caprolactam
 Concen: 24.986 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

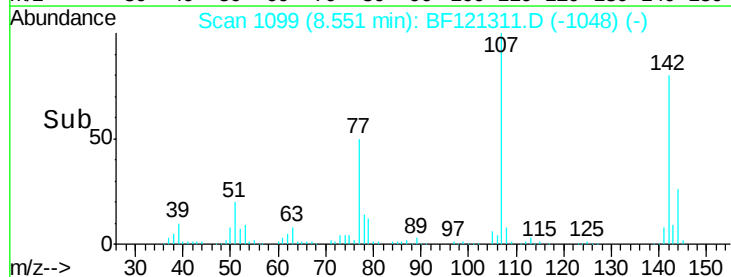
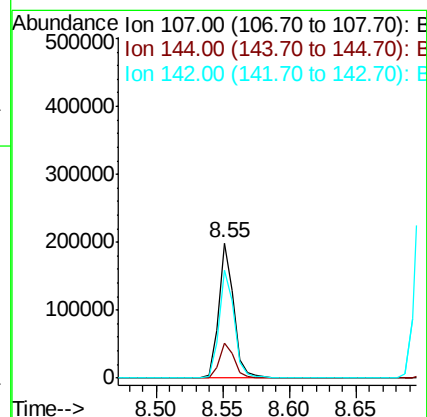
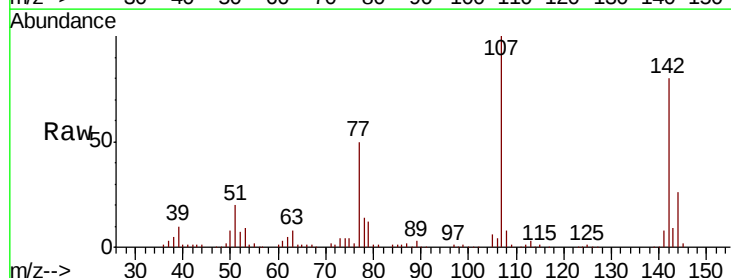
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

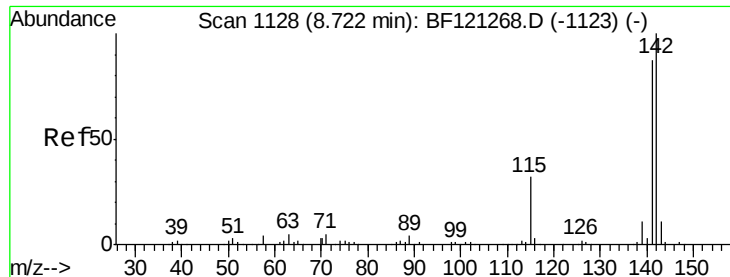
Tot Ion:113 Resp: 50031
 Ion Ratio Lower Upper
 113 100
 55 172.0 146.1 186.1
 56 125.1 103.3 143.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.356 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:107 Resp: 158410
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 79.6 63.8 95.8

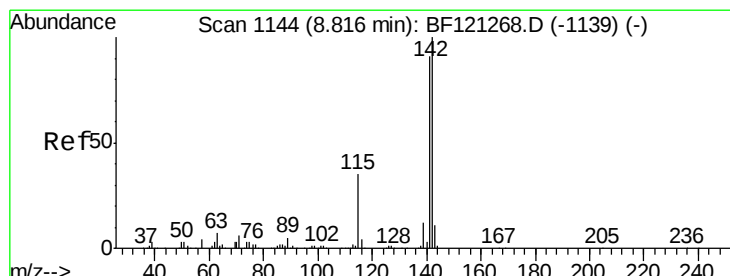
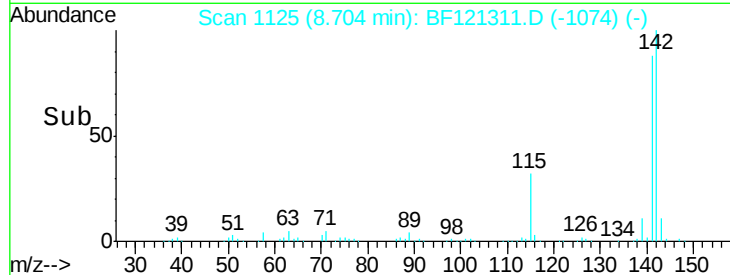
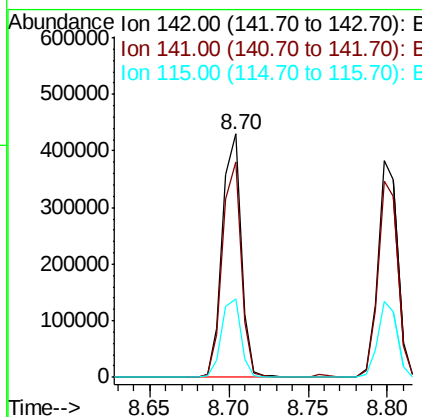
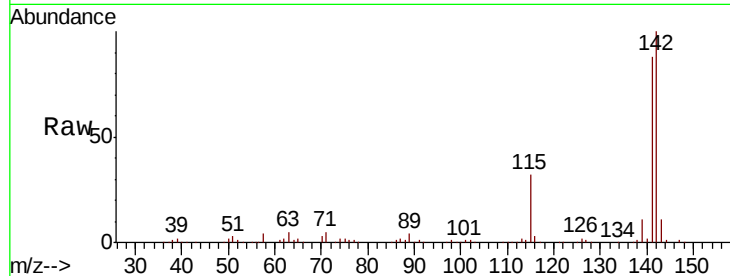




#37
 2-Methylnaphthalene
 Concen: 22.851 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

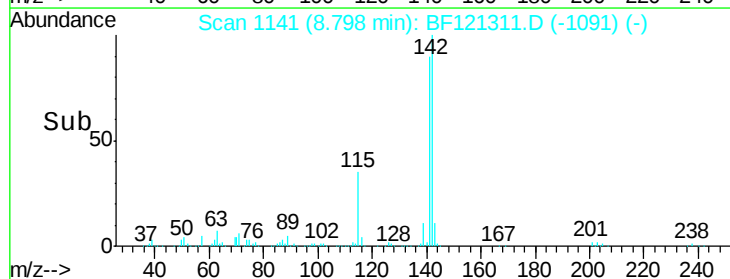
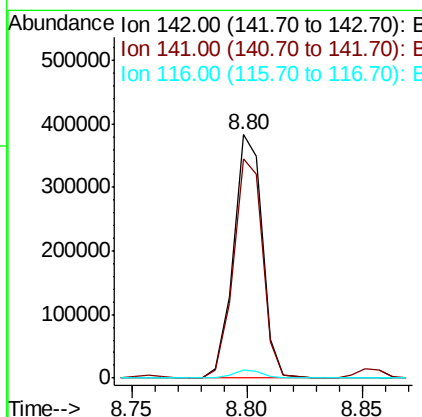
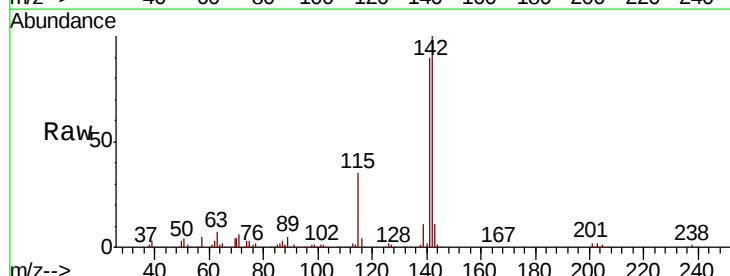
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

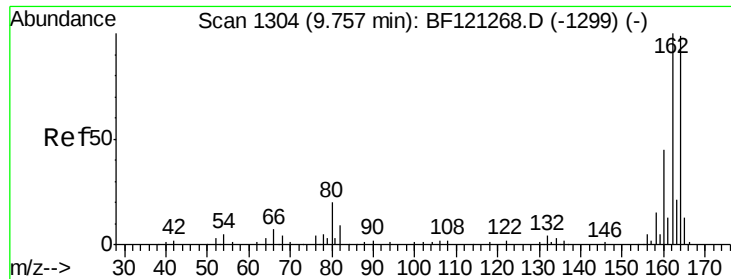
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.2	103.8
115	32.1	25.8	38.8



#38
 1-Methylnaphthalene
 Concen: 22.522 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	109.0
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

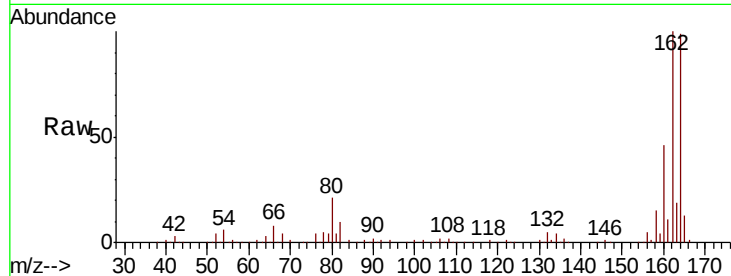
Tot Ion:164 Resp: 221245

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

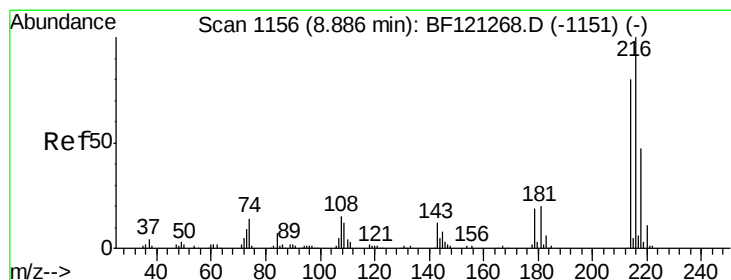
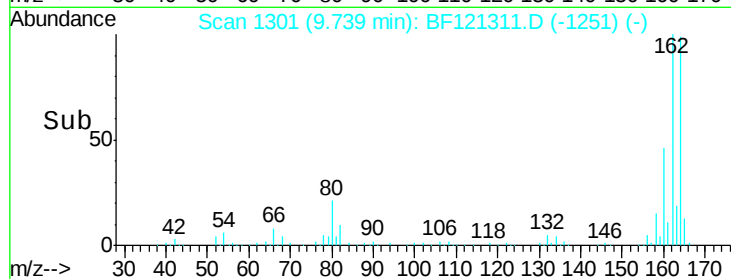
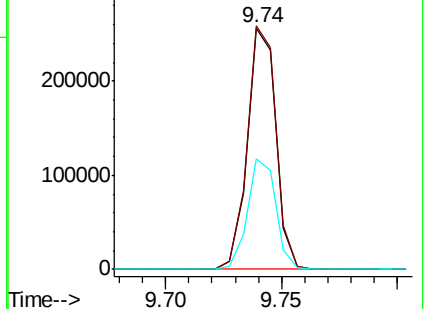
160 45.9 36.5 54.7



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: 22.744 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Tgt Ion:216 Resp: 168605

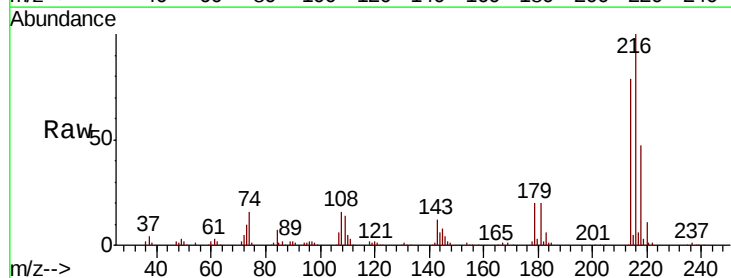
Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 20.1 15.8 23.6

108 18.2 14.1 21.1

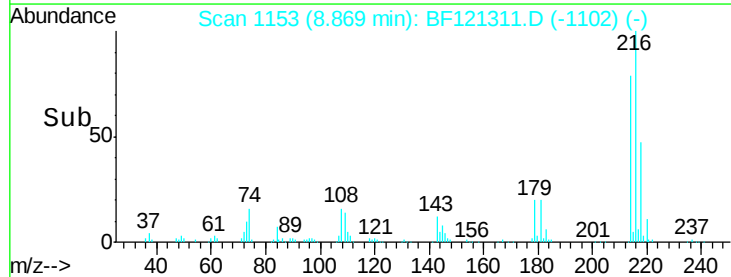
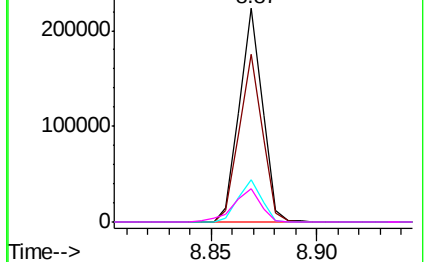


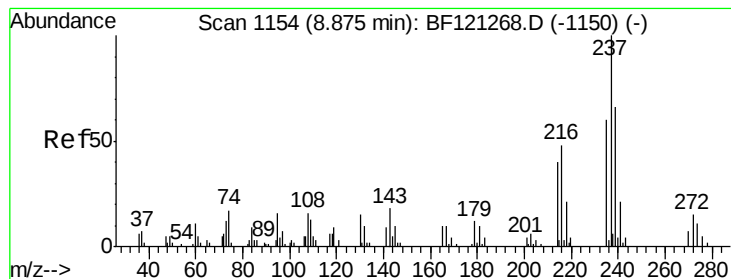
Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.142 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

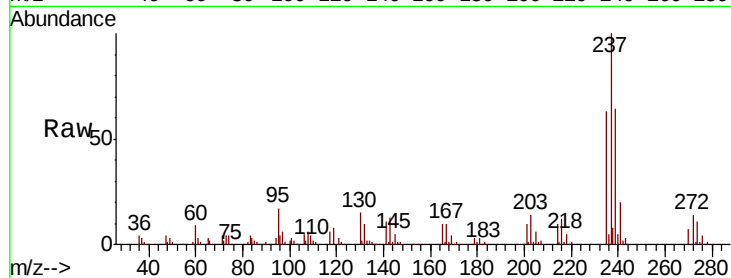
Tot Ion:237 Resp: 100303

Ion Ratio Lower Upper

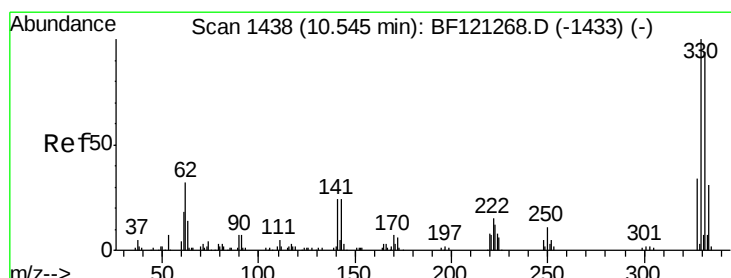
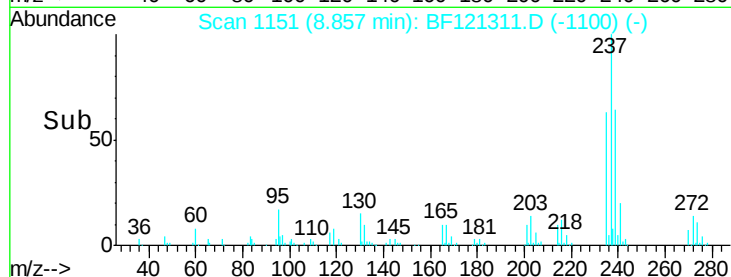
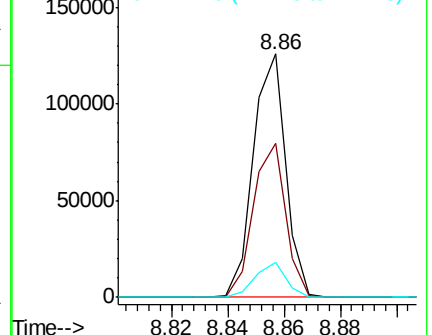
237 100

235 63.0 41.5 81.5

272 14.2 0.0 34.2



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



#42

2,4,6-Tribromophenol

Concen: 57.449 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

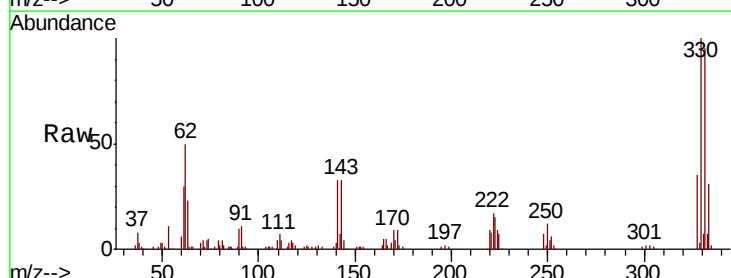
Tgt Ion:330 Resp: 156488

Ion Ratio Lower Upper

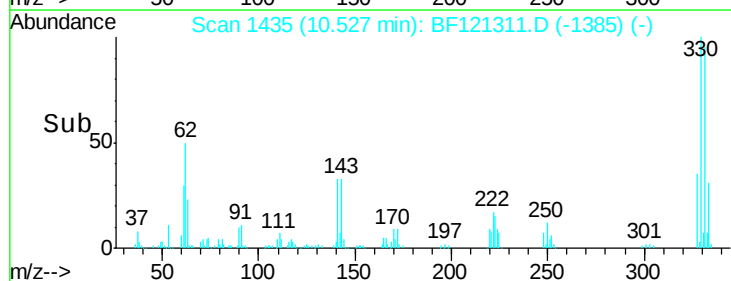
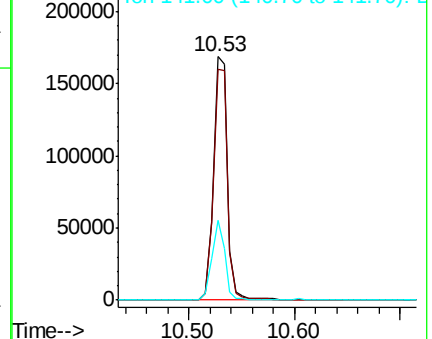
330 100

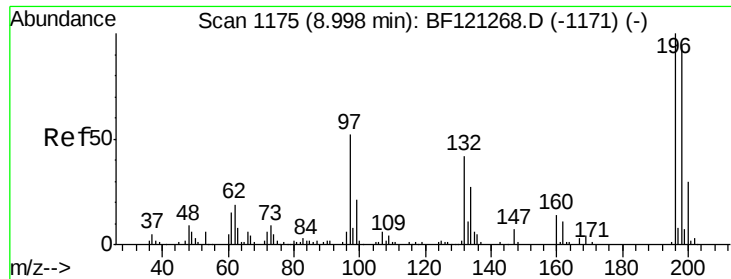
332 95.9 77.4 116.0

141 30.1 24.2 36.4



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

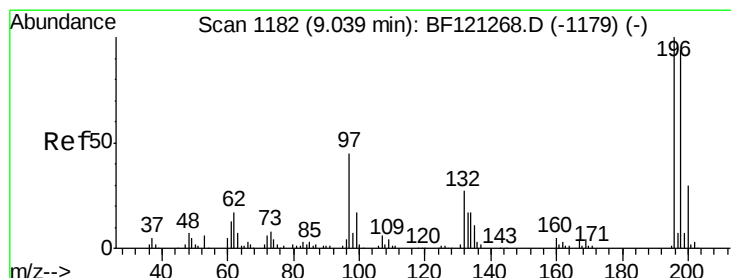
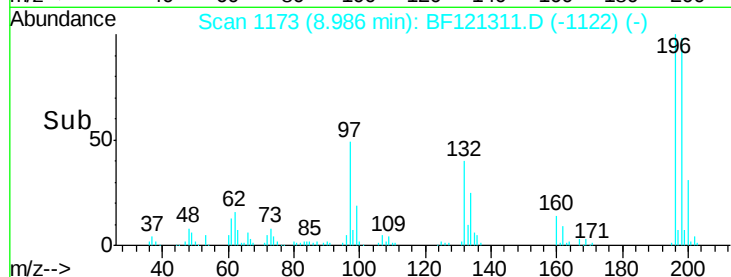
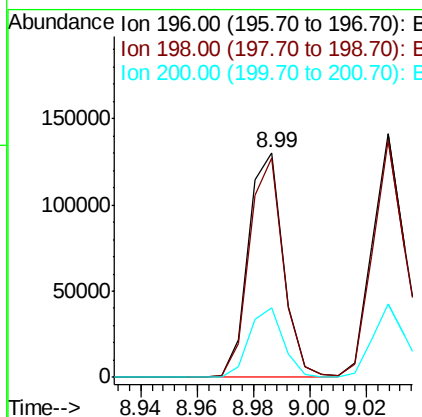
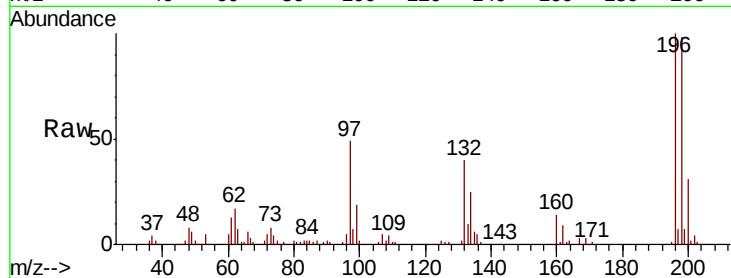




#43
 2,4,6-Trichlorophenol
 Concen: 23.838 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

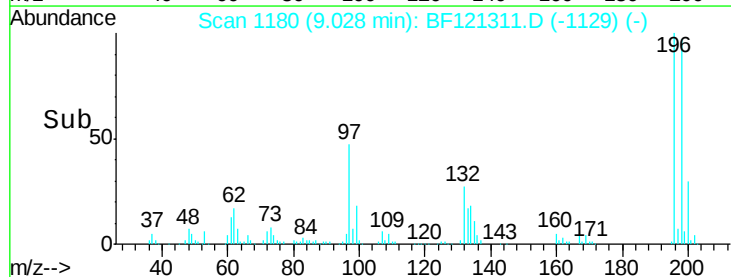
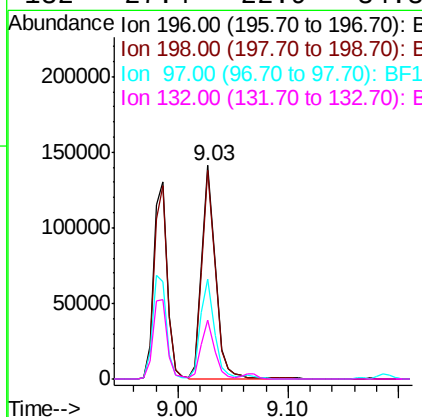
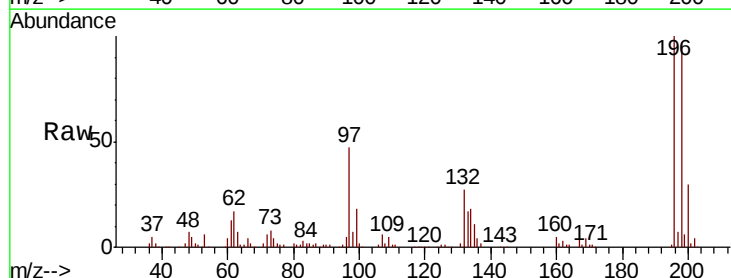
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

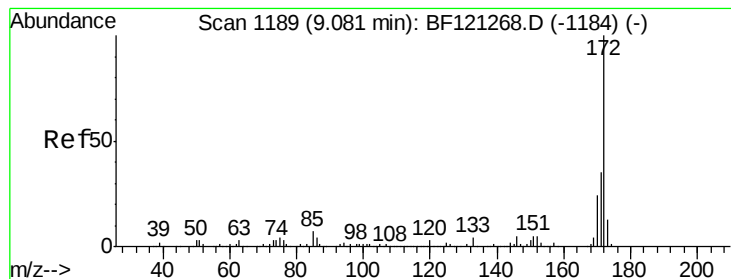
Tot Ion:196 Resp: 112387
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.9 115.3
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 23.452 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:196 Resp: 120093
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.5 113.3
 97 46.9 39.4 59.2
 132 27.4 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 39.485 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

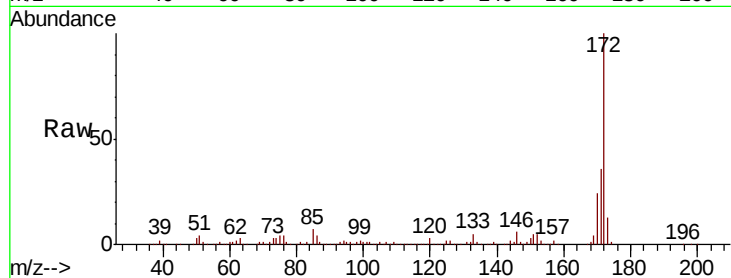
Tot Ion:172 Resp: 631534

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

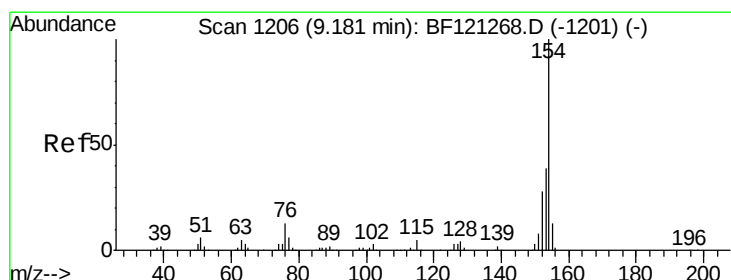
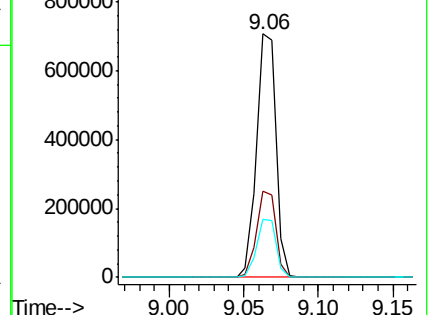
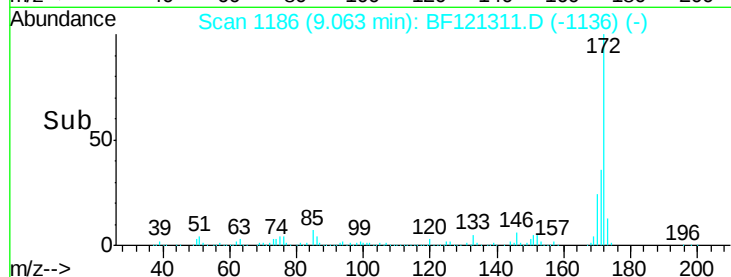
170 23.9 19.3 28.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 22.763 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

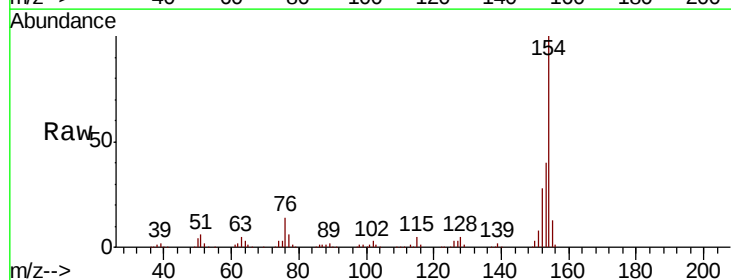
Tgt Ion:154 Resp: 435157

Ion Ratio Lower Upper

154 100

153 39.7 20.5 60.5

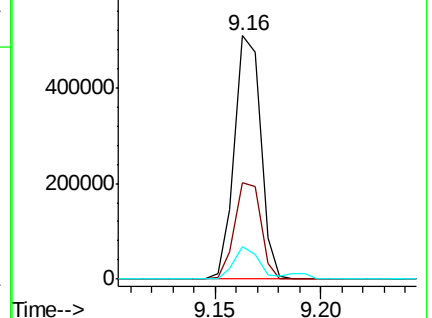
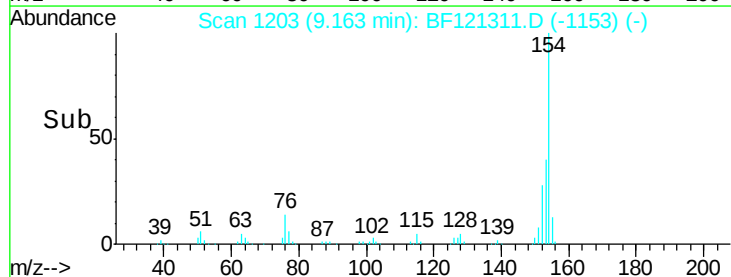
76 13.5 0.0 31.9

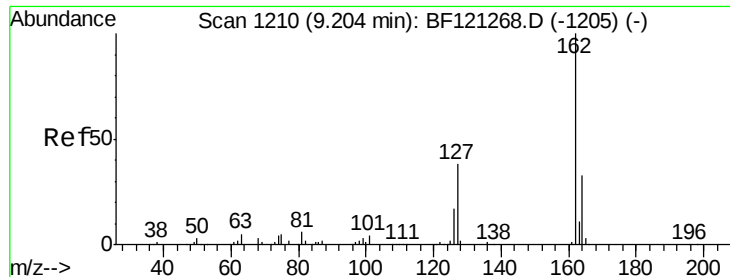


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

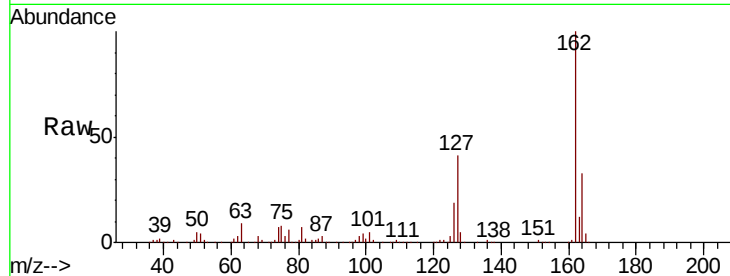




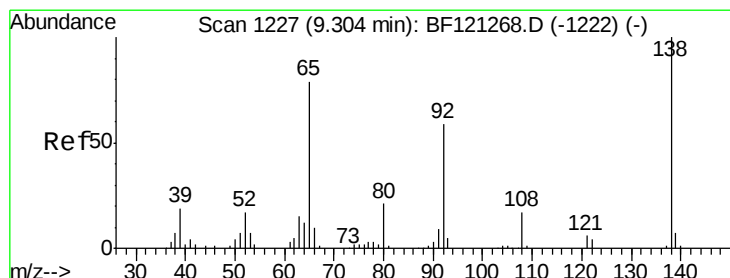
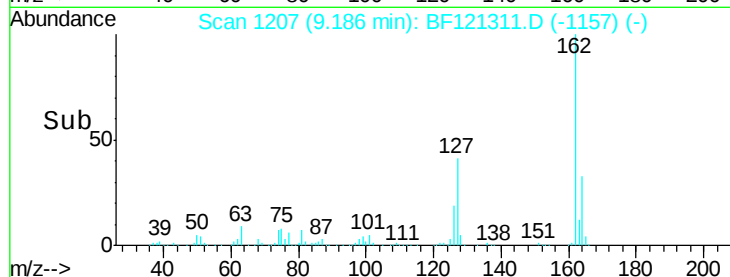
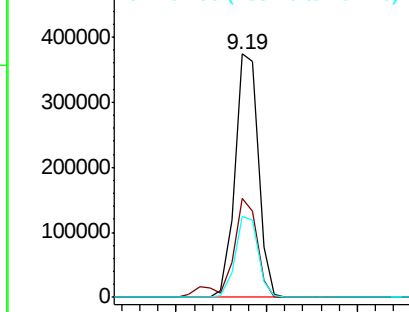
#47
 2-Chloronaphthalene
 Concen: 22.781 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:	162	Resp:	335238
Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.4	47.2
164	33.5	26.5	39.7

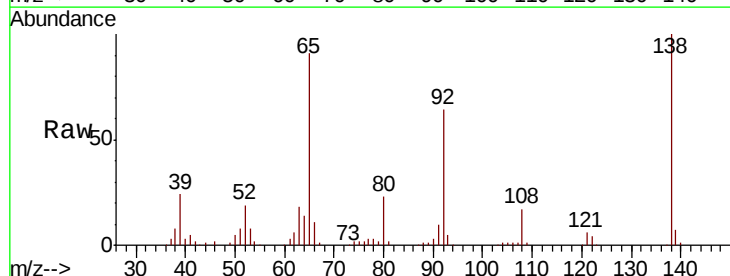


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

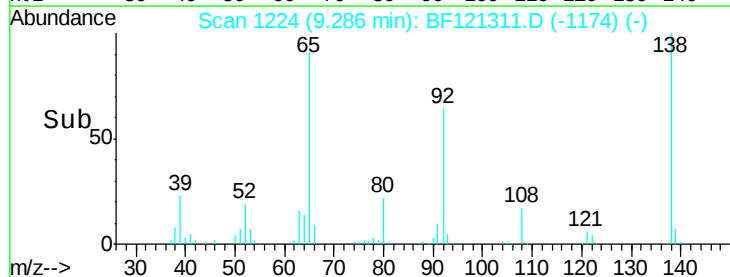
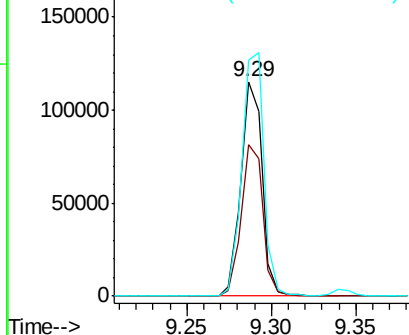


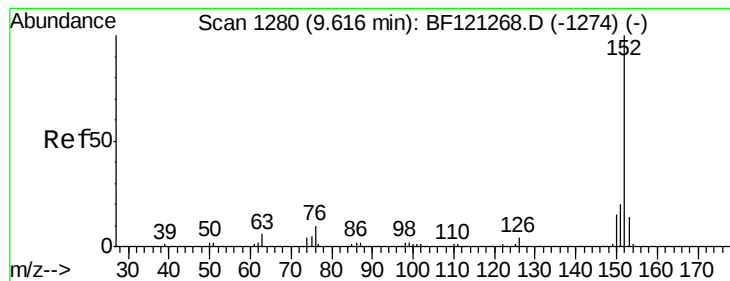
#48
 2-Nitroaniline
 Concen: 24.539 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:	65	Resp:	101501
Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.2	87.2
138	110.1	97.5	146.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.008 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

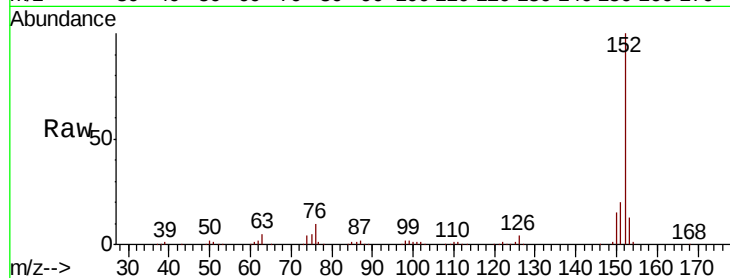
Tot Ion:152 Resp: 537765

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

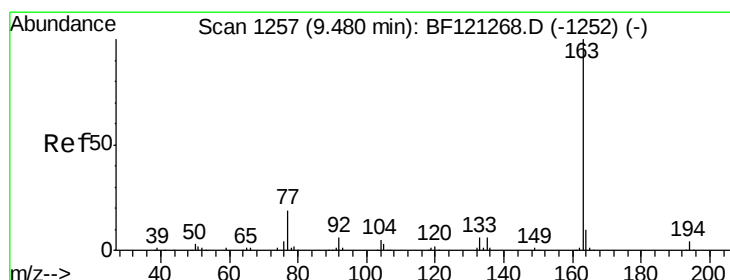
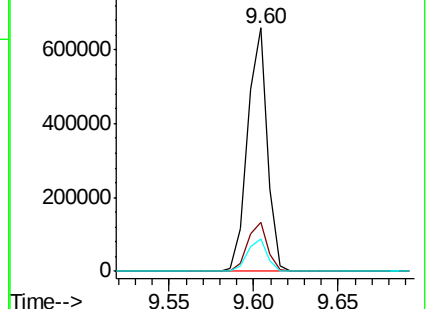
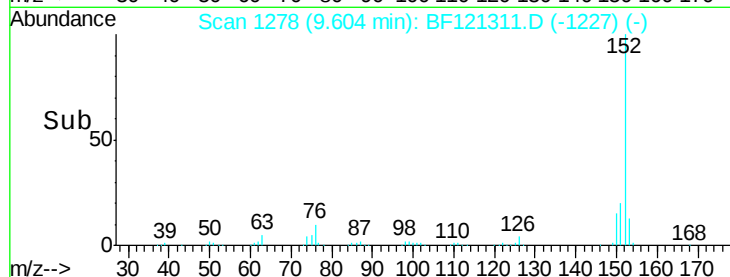
153 13.1 10.6 15.8



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: 28.334 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

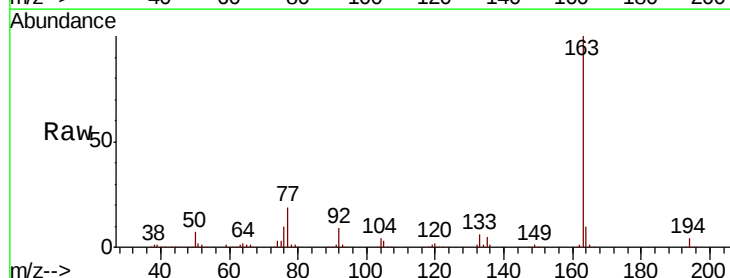
Tgt Ion:163 Resp: 471707

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

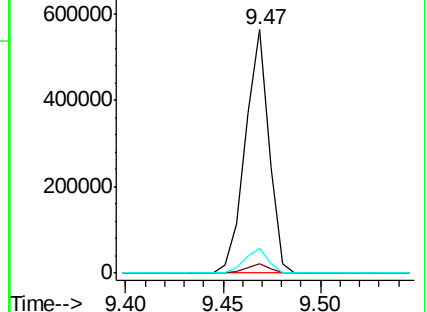
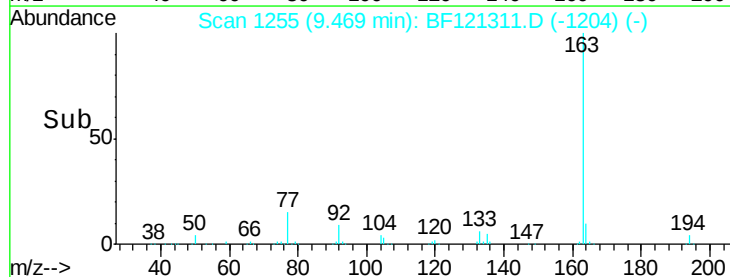
164 10.0 8.4 12.6

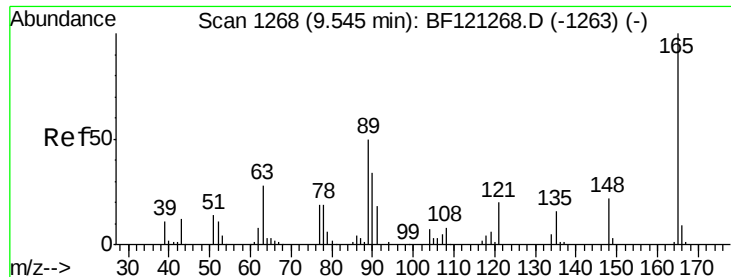


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

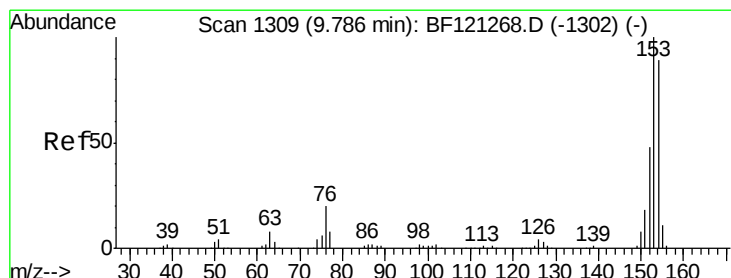
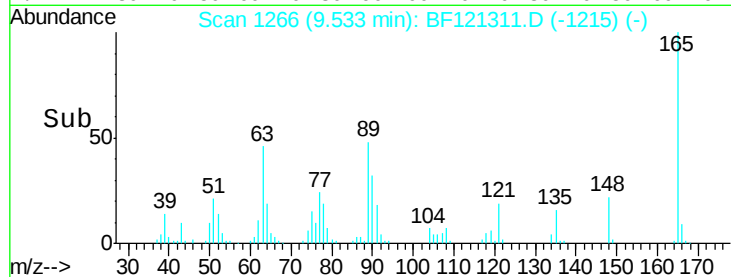
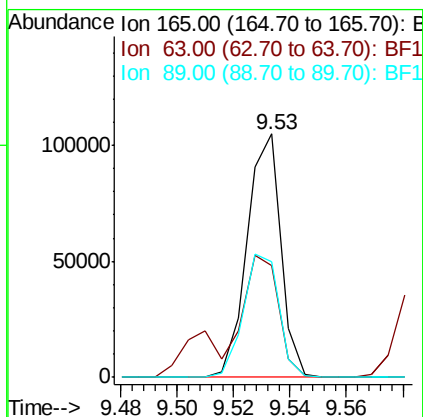
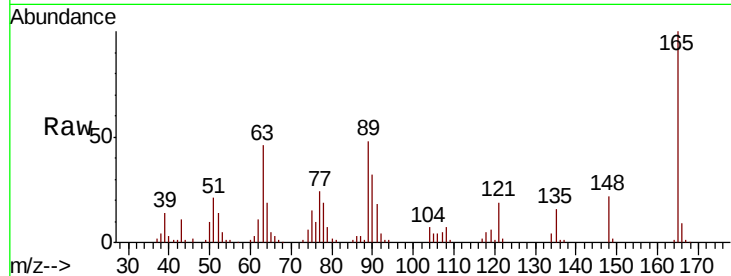




#51
 2,6-Dinitrotoluene
 Concen: 23.430 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

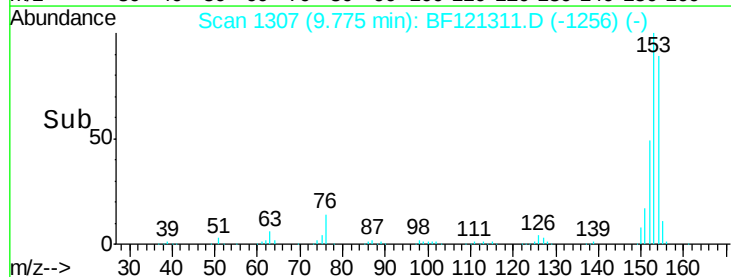
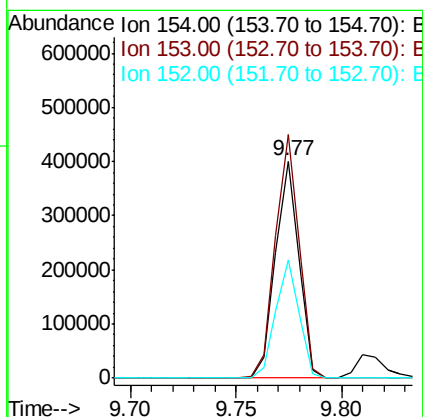
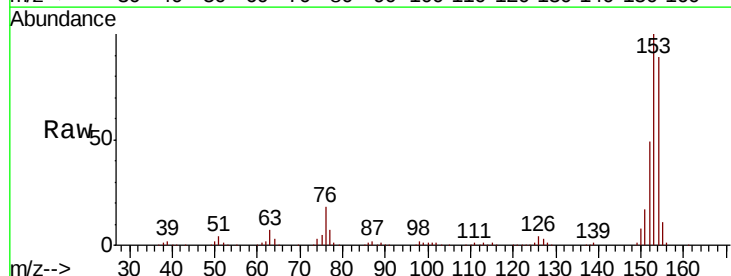
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

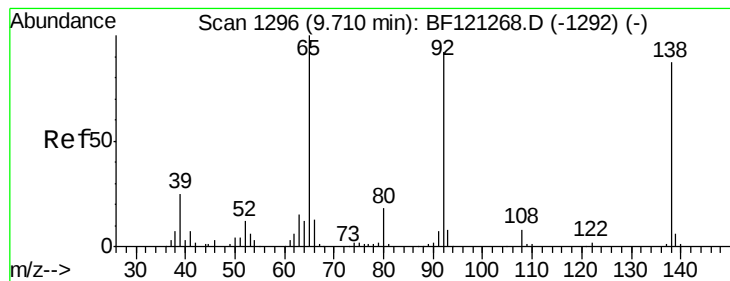
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	42.0	63.0
89	47.8	44.7	67.1



#52
 Acenaphthene
 Concen: 22.396 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.0	132.0
152	54.7	43.0	64.4





#53

3-Nitroaniline

Concen: 11.524 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

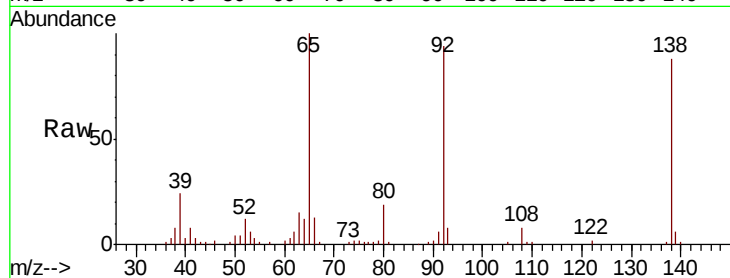
Tot Ion:138 Resp: 48830

Ion Ratio Lower Upper

138 100

108 9.5 7.6 11.4

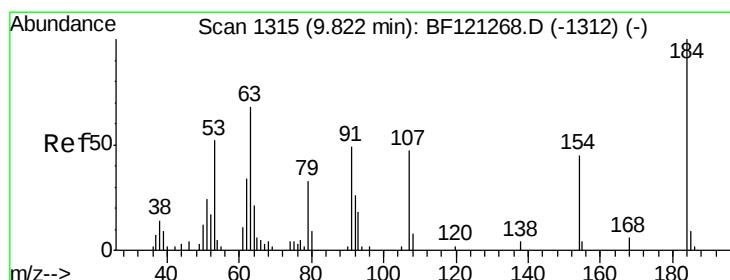
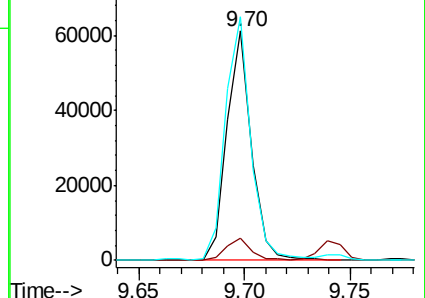
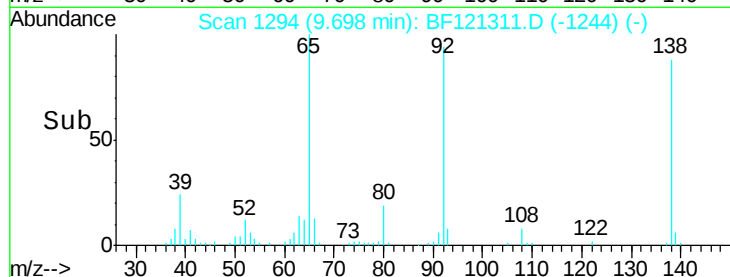
92 106.3 82.6 123.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 47.056 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

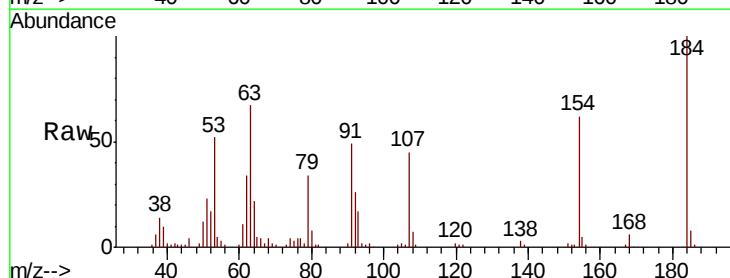
Tgt Ion:184 Resp: 72122

Ion Ratio Lower Upper

184 100

63 66.8 45.3 67.9

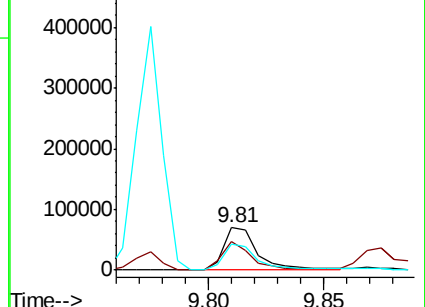
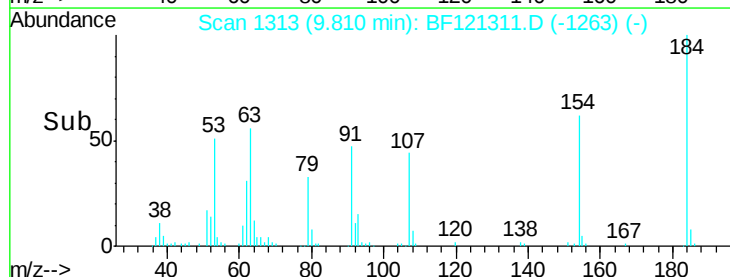
154 61.5 46.4 69.6

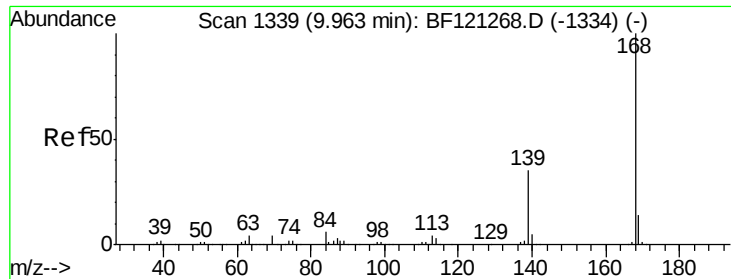


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

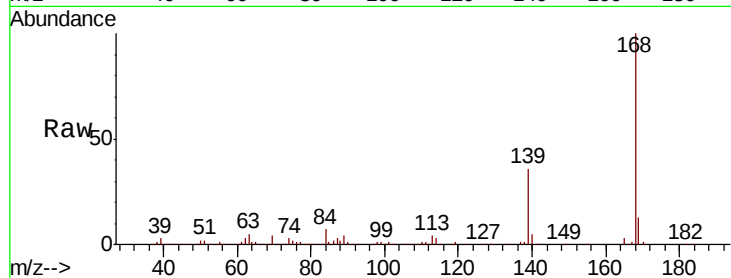




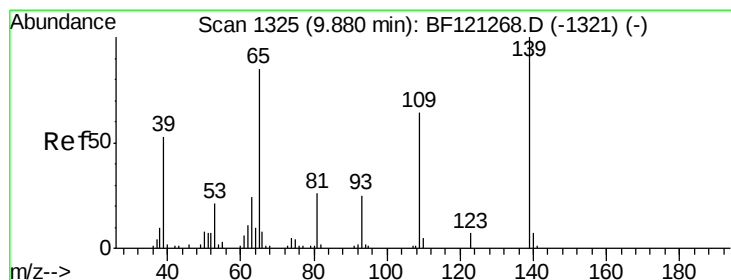
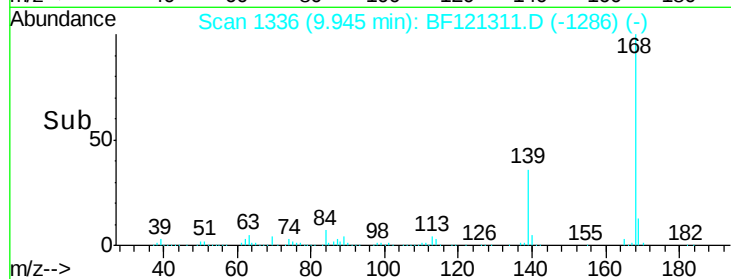
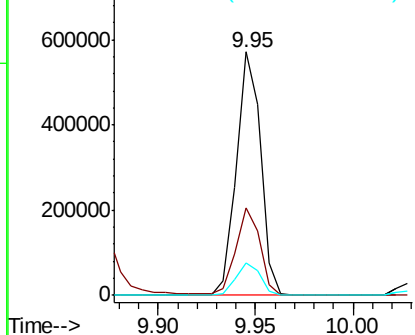
#55
Dibenzofuran
Concen: 22.308 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.9	41.9
169	13.5	10.5	15.7

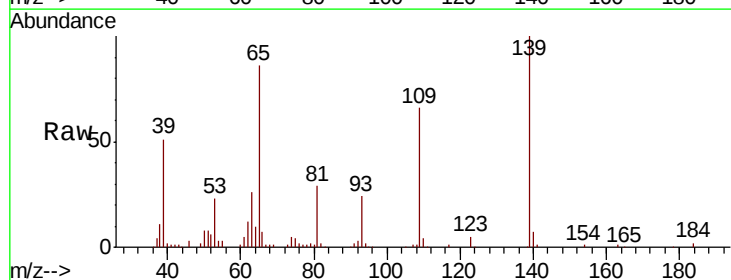


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

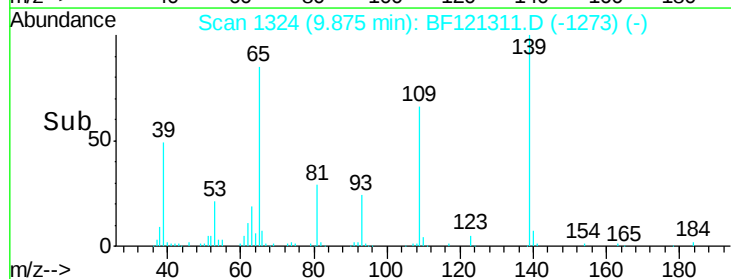
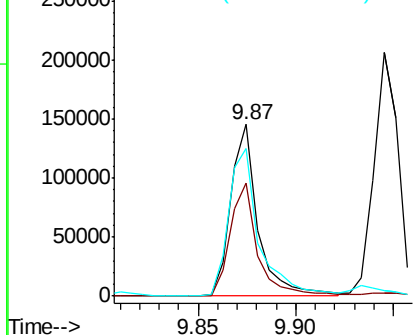


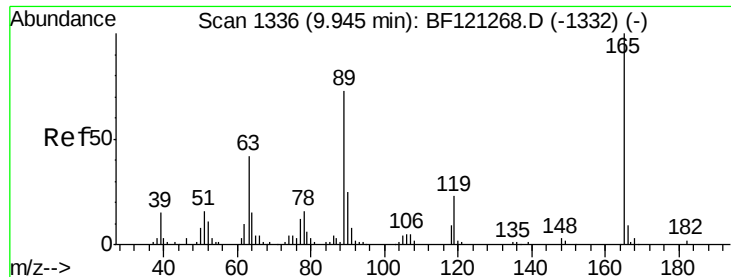
#56
4-Nitrophenol
Concen: 51.831 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	44.3	84.3
65	85.7	62.4	102.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

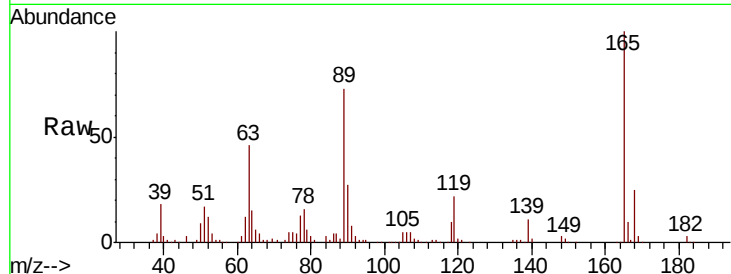




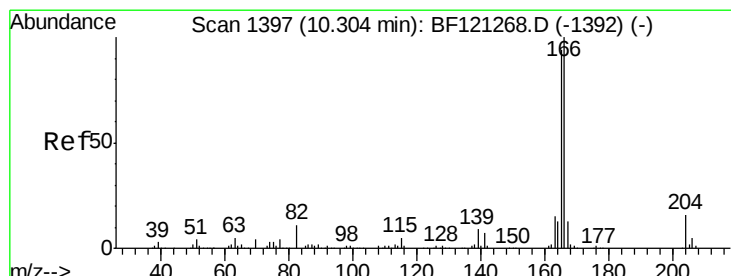
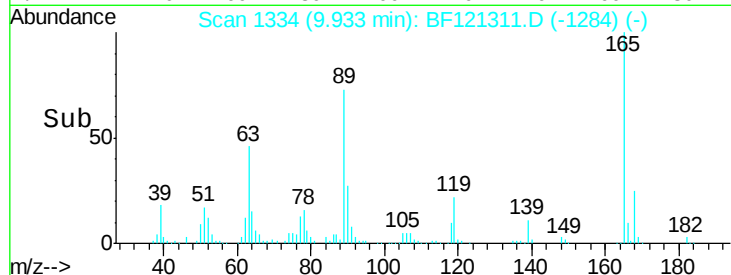
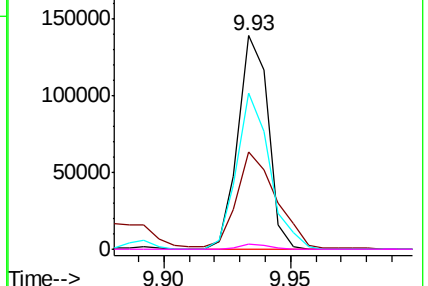
#57
 2,4-Dinitrotoluene
 Concen: 23.630 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:165	Resp:	115087
Ion Ratio	Lower	Upper
165	100	
63	45.8	31.7 47.5
89	73.4	52.8 79.2
182	2.6	2.1 3.1

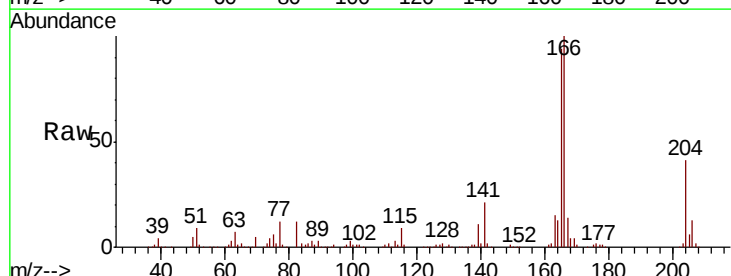


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

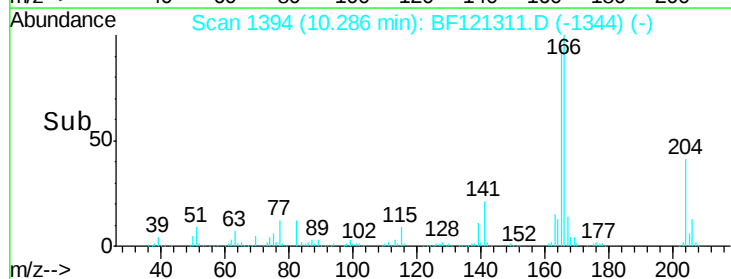
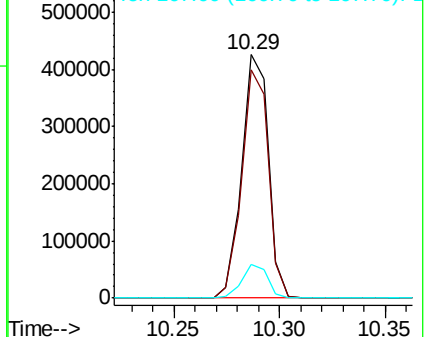


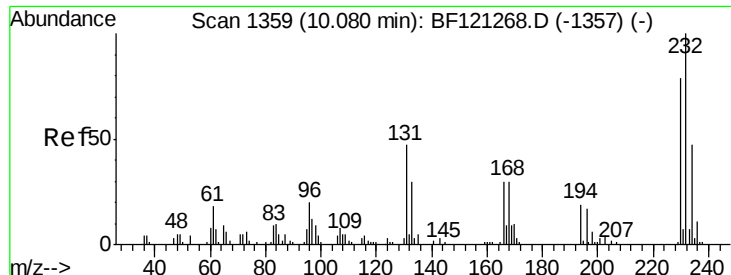
#58
 Fluorene
 Concen: 22.251 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:166	Resp:	371179
Ion Ratio	Lower	Upper
166	100	
165	93.9	74.5 111.7
167	13.7	10.7 16.1



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

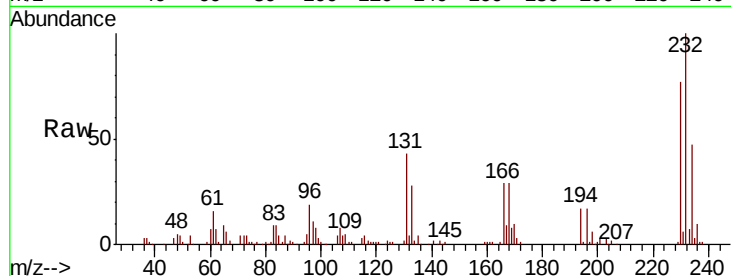




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.425 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.6	50.4
130	1.7	1.4	2.2
166	29.2	22.9	34.3



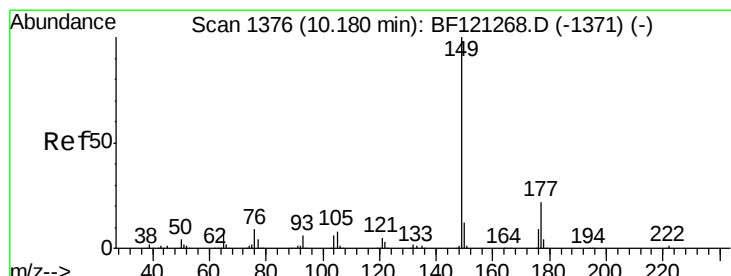
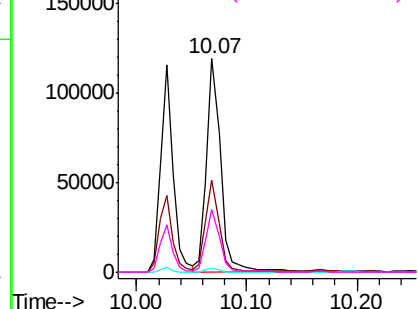
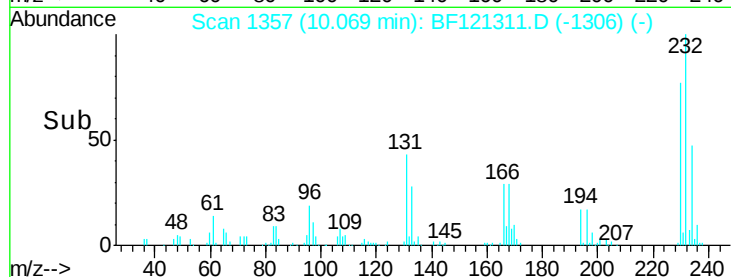
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

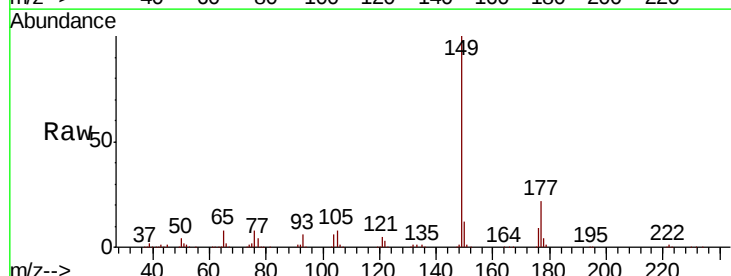
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 23.582 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	11.9	10.1	15.1

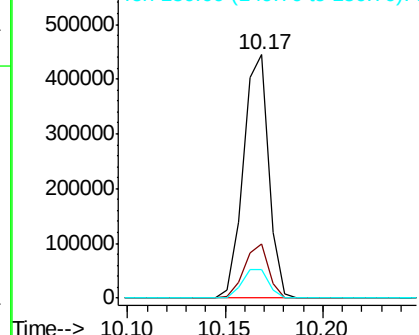
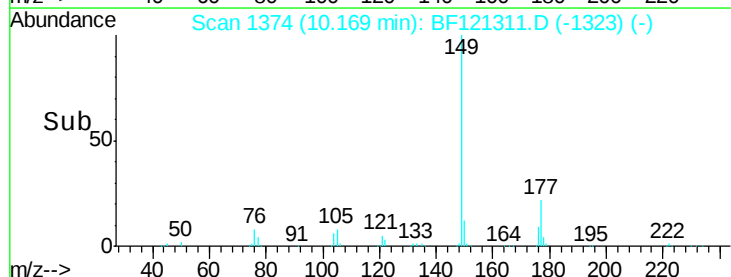


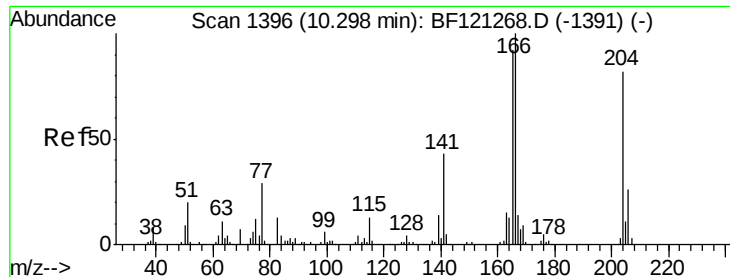
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

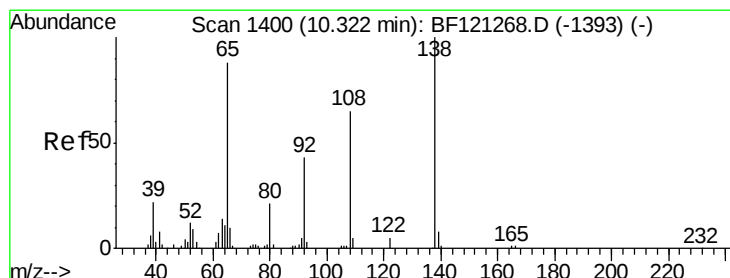
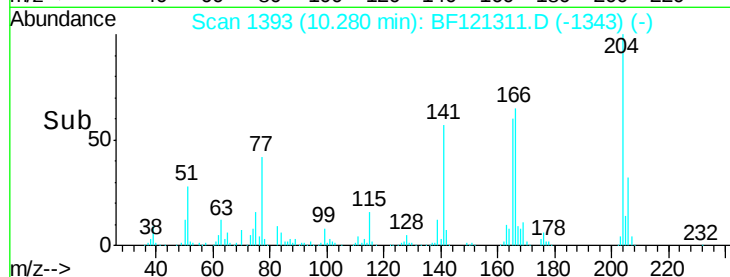
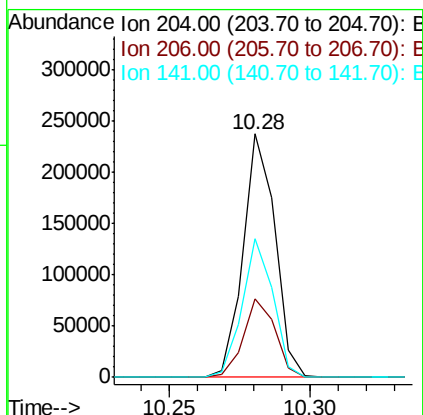
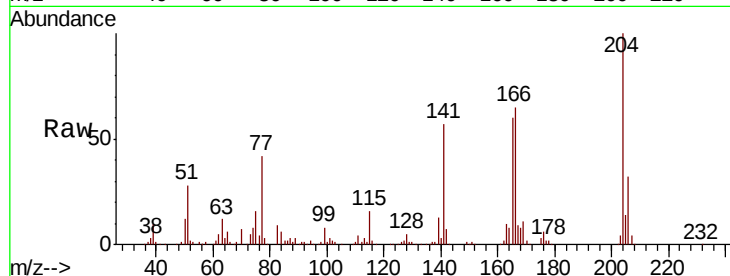




#61
4-Chlorophenyl-phenylether
Concen: 22.872 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

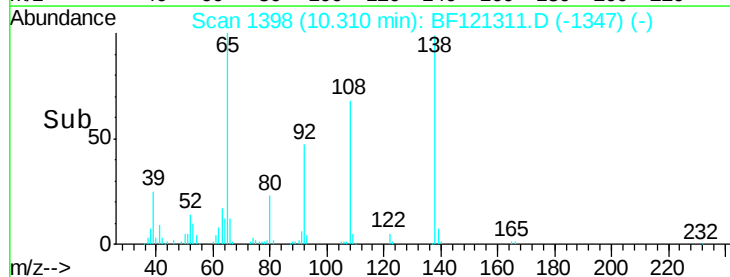
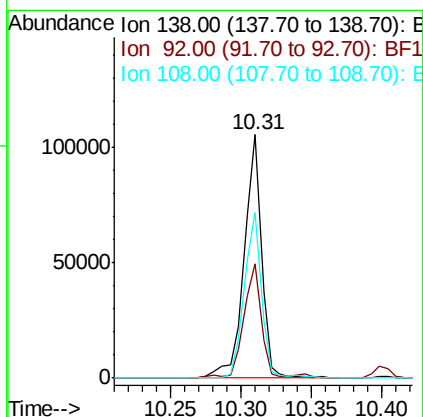
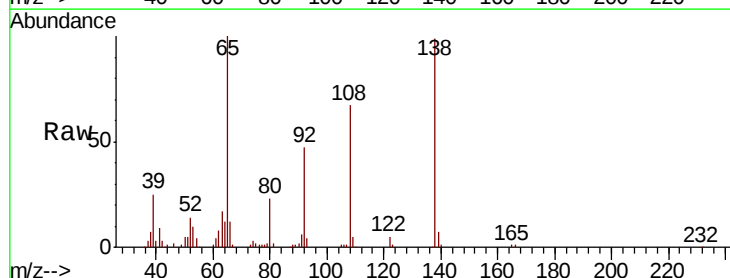
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

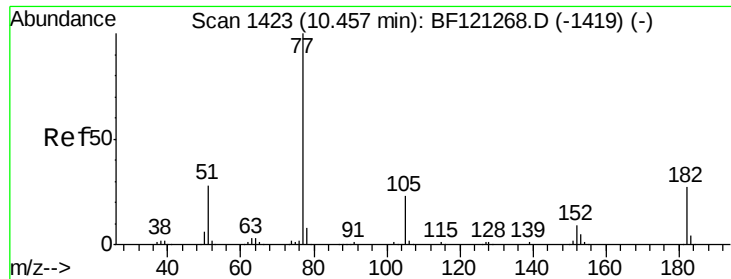
Tot Ion:204 Resp: 185568
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 57.2 41.7 62.5



#62
4-Nitroaniline
Concen: 21.608 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:138 Resp: 91800
Ion Ratio Lower Upper
138 100
92 47.2 28.2 68.2
108 68.1 50.0 90.0

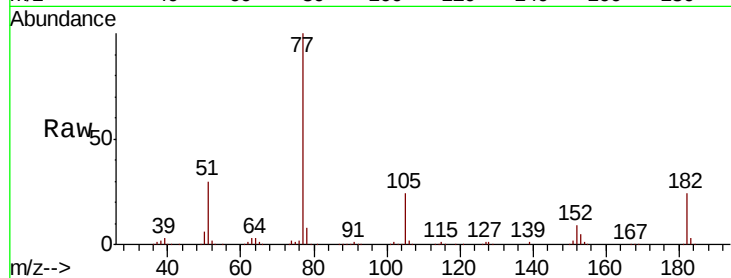




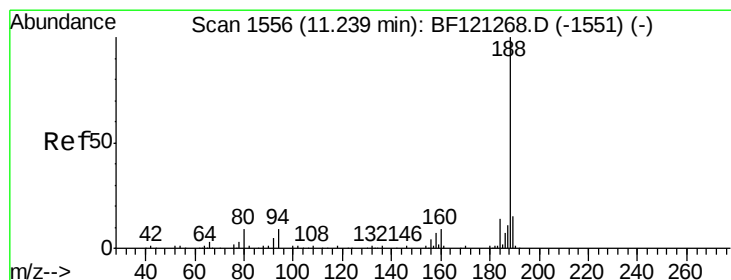
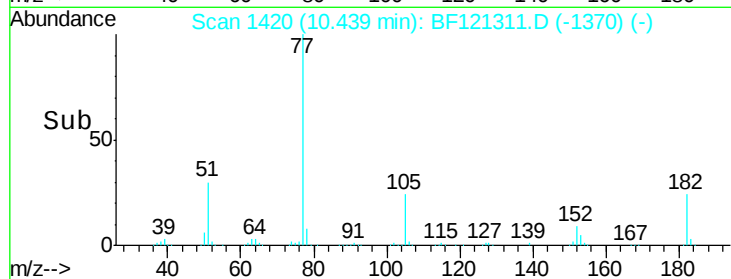
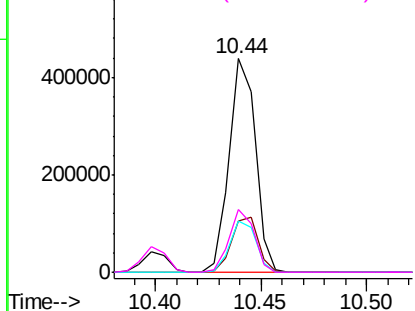
#63
Azobenzene
Concen: 22.247 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion: 77 Resp: 376328
Ion Ratio Lower Upper
77 100
182 24.1 6.7 46.7
105 23.8 3.7 43.7
51 29.6 8.1 48.1

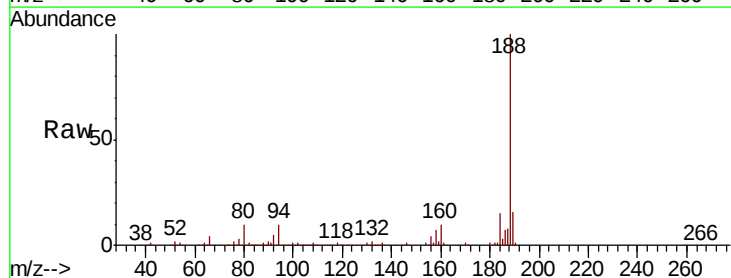


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

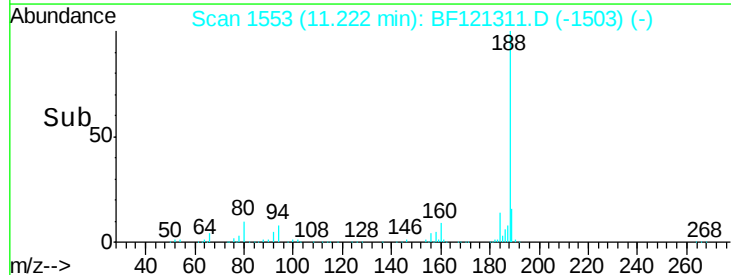
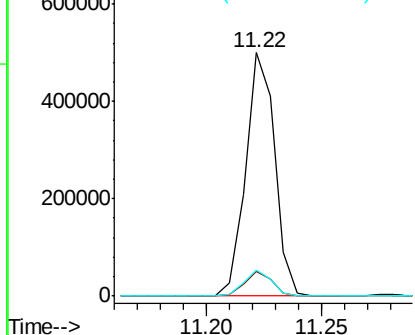


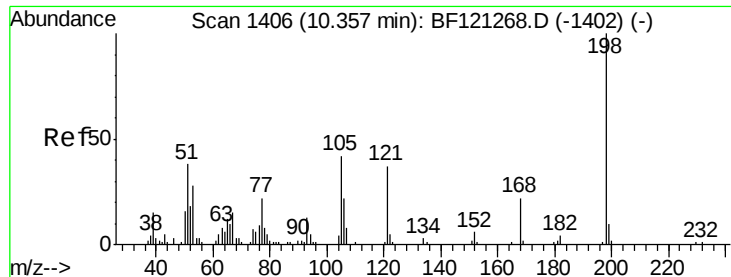
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion: 188 Resp: 441132
Ion Ratio Lower Upper
188 100
94 10.3 6.4 9.6#
80 10.4 7.0 10.4



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

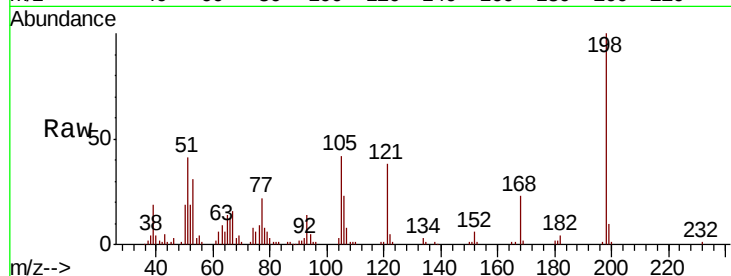




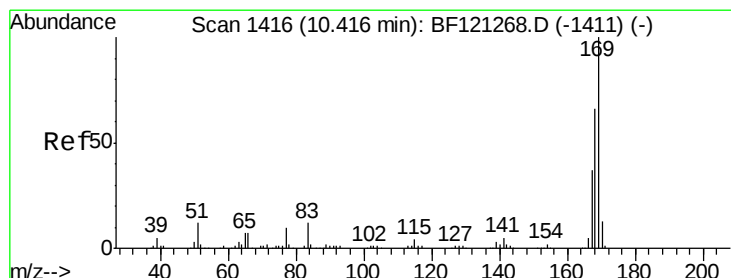
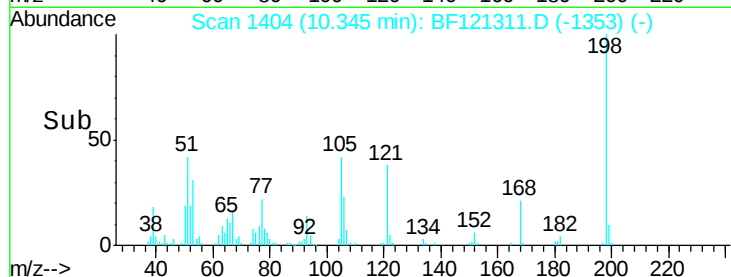
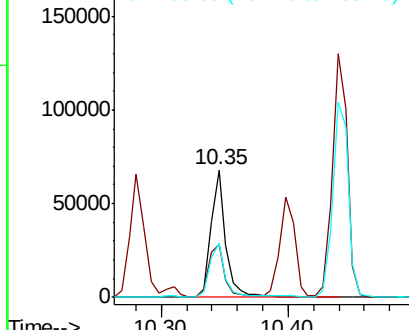
#65
4,6-Dinitro-2-methylphenol
Concen: 23.913 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:198 Resp: 56067
Ion Ratio Lower Upper
198 100
51 41.4 29.1 69.1
105 42.2 28.5 68.5

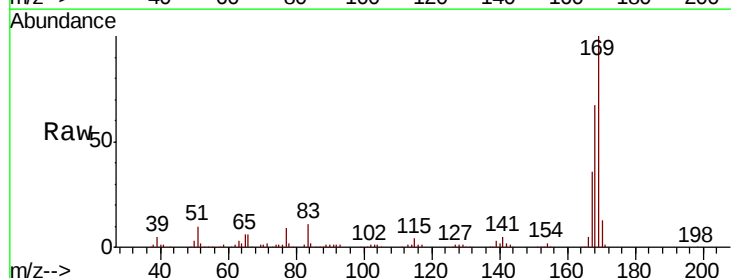


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

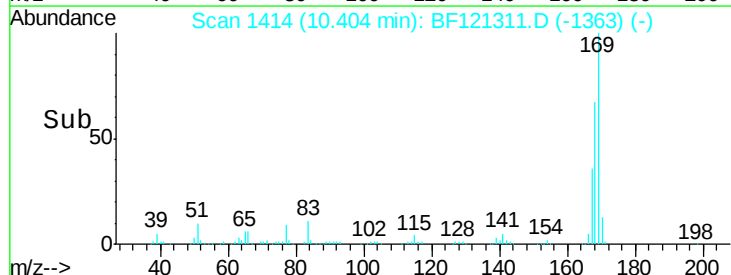
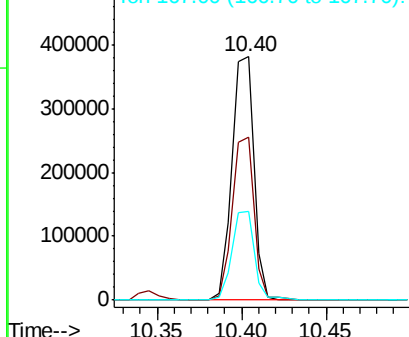


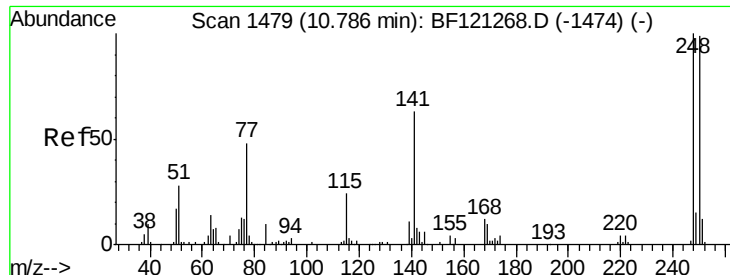
#66
n-Nitrosodiphenylamine
Concen: 22.609 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:169 Resp: 341975
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.2 29.3 43.9



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

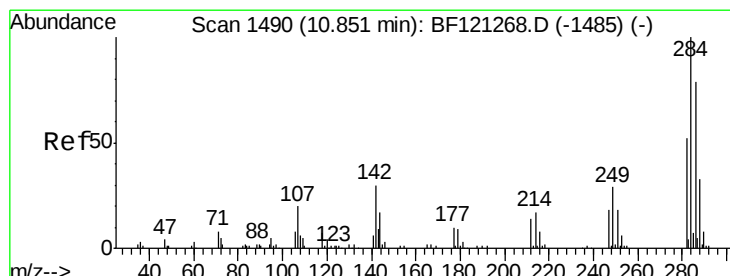
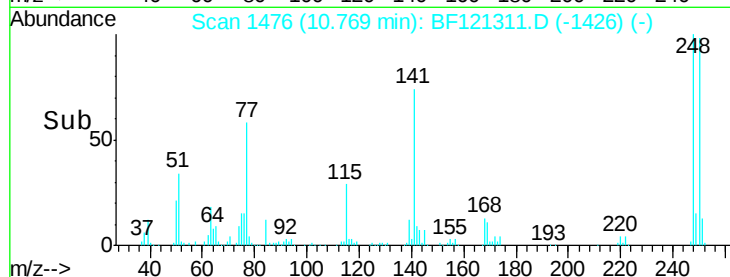
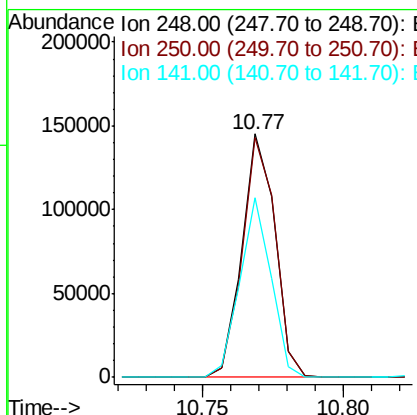
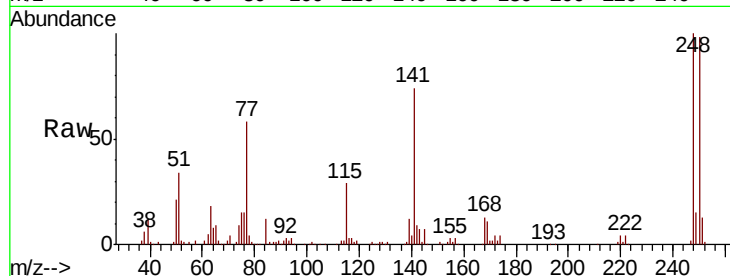




#67
 4-Bromophenyl-phenylether
 Concen: 22.920 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

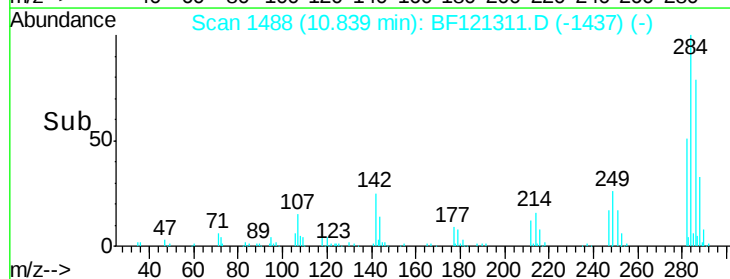
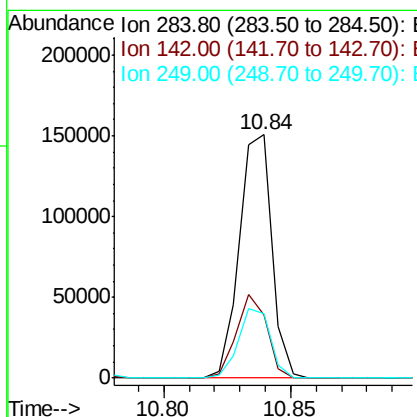
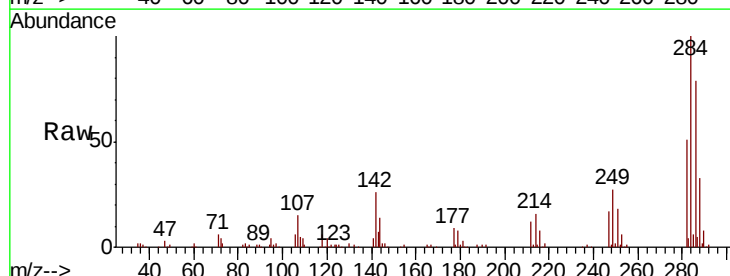
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

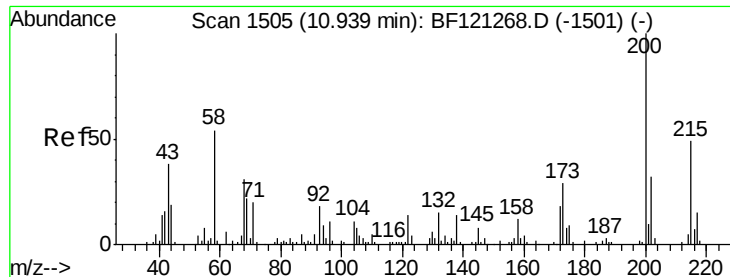
Tot Ion:248 Resp: 117940
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.4 116.0
 141 73.6 48.9 73.3#



#68
 Hexachlorobenzene
 Concen: 22.886 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:284 Resp: 134286
 Ion Ratio Lower Upper
 284 100
 142 25.7 24.6 36.8
 249 26.6 23.2 34.8

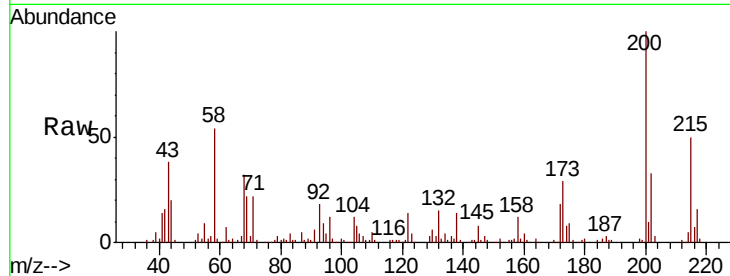




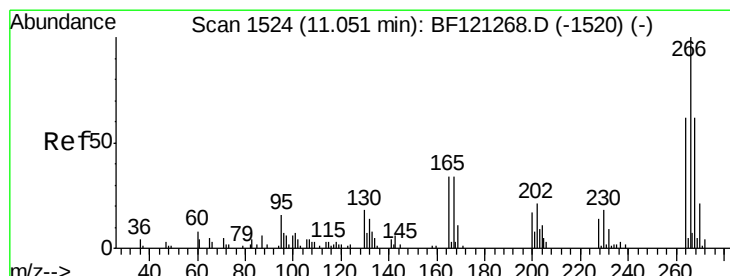
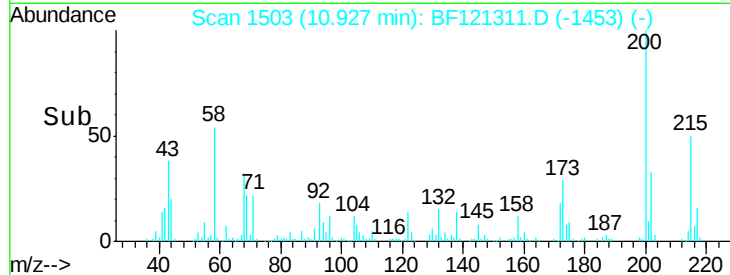
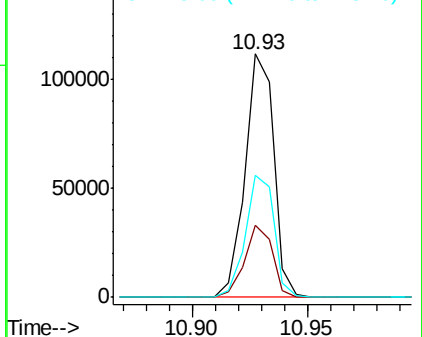
#69
 Atrazine
 Concen: 21.609 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:200 Resp: 97765
 Ion Ratio Lower Upper
 200 100
 173 29.4 7.4 47.4
 215 49.9 29.1 69.1

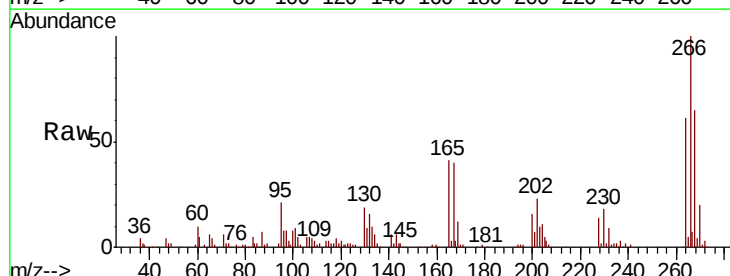


Abundance Ion 200.00 (199.70 to 200.70): E
 150000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

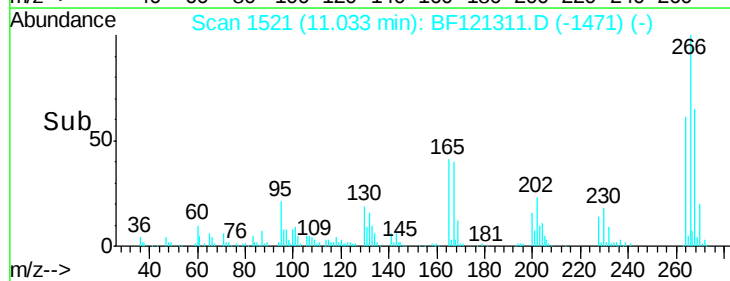
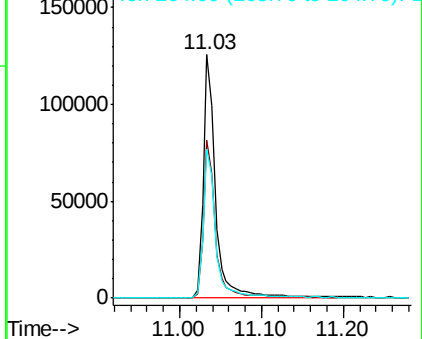


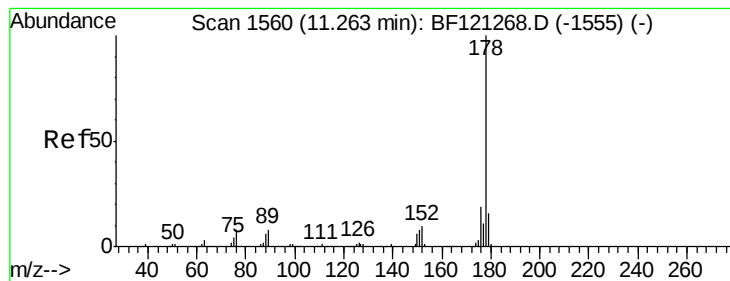
#70
 Pentachlorophenol
 Concen: 53.624 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:266 Resp: 134188
 Ion Ratio Lower Upper
 266 100
 268 64.8 53.3 79.9
 264 61.1 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 150000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 22.687 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

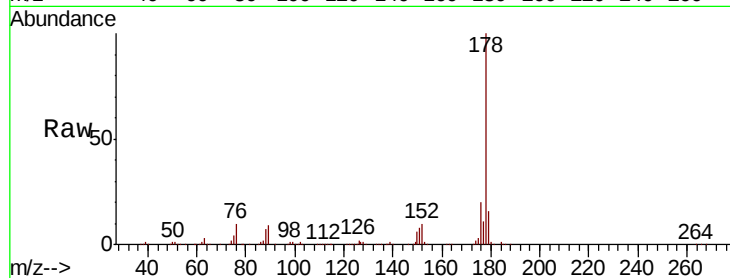
Tot Ion:178 Resp: 572558

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

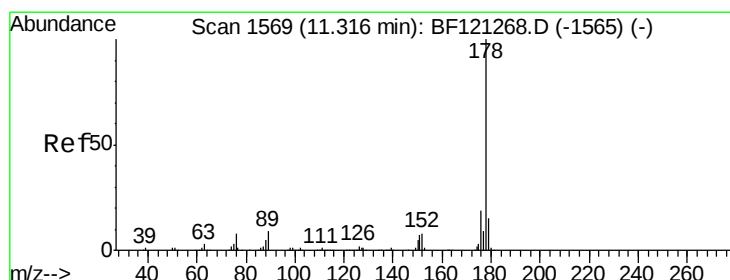
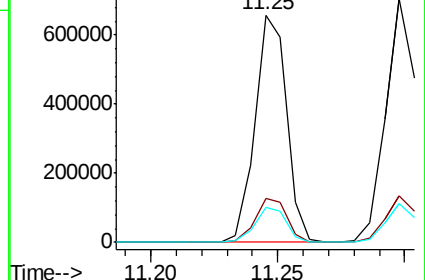
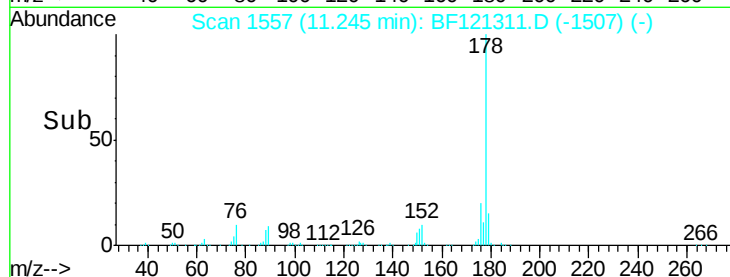
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 23.331 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

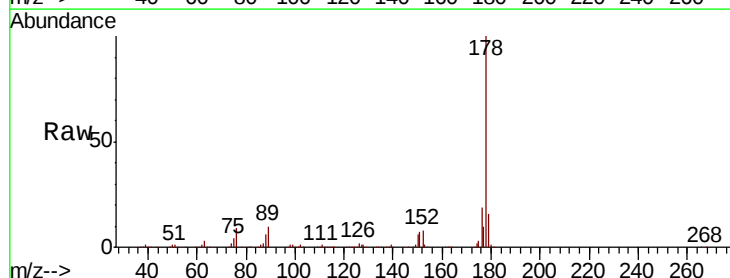
Tgt Ion:178 Resp: 590861

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

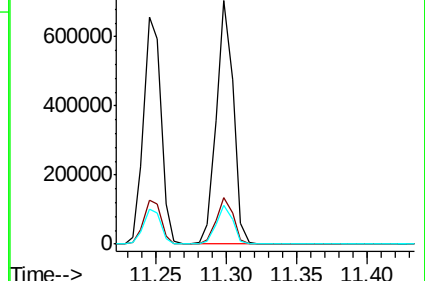
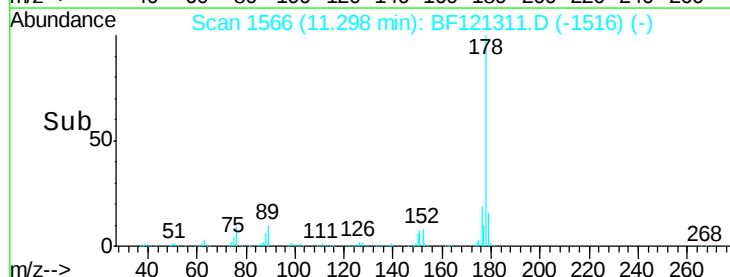
179 15.9 12.2 18.4

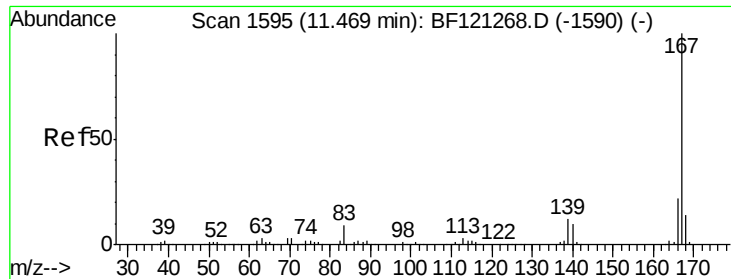


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

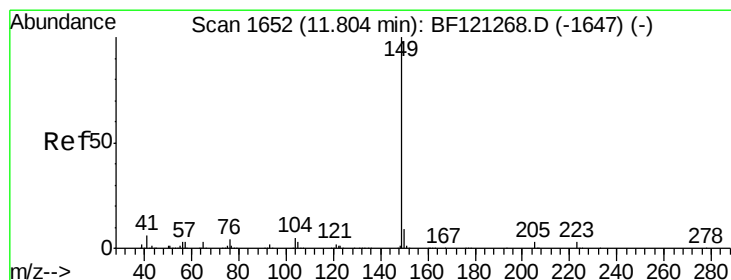
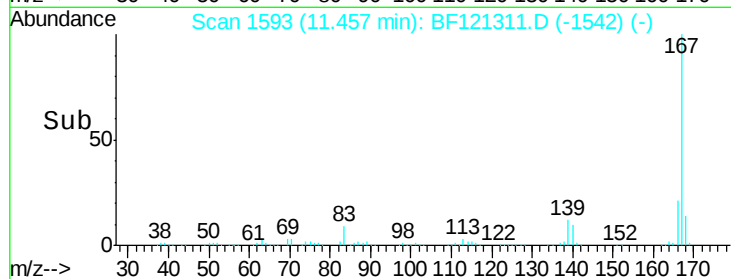
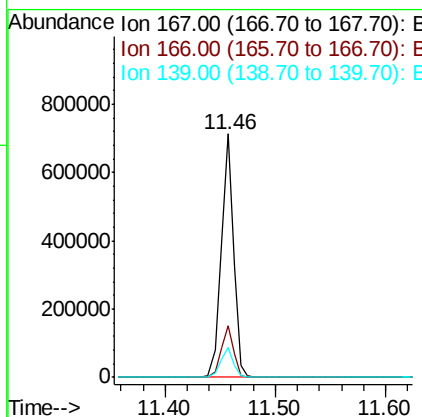
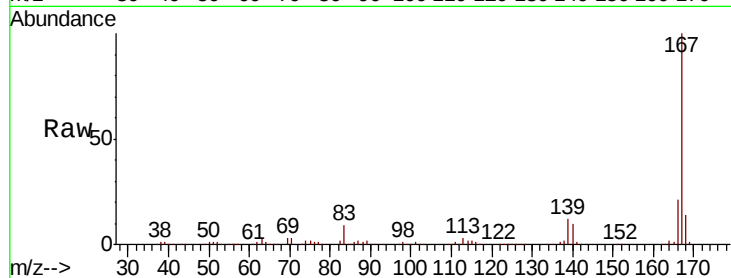




#73
 Carbazole
 Concen: 22.486 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

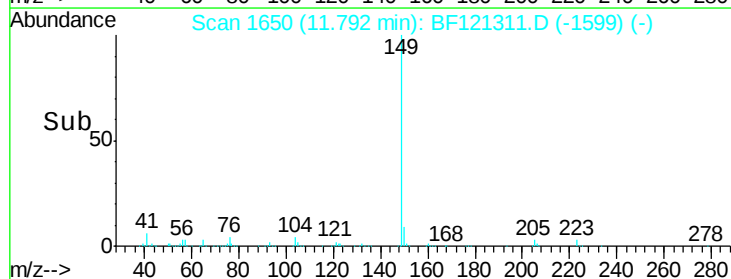
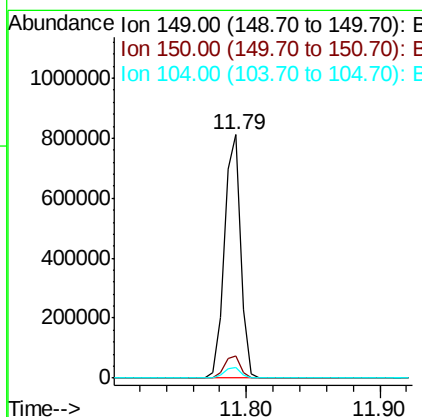
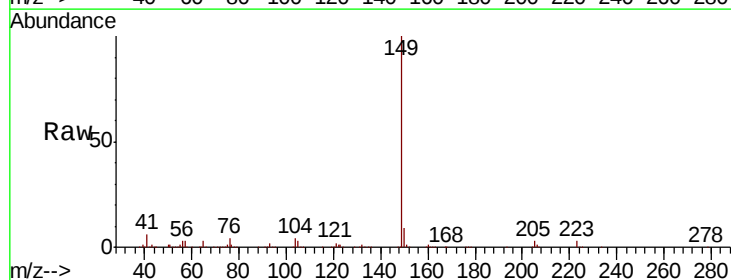
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

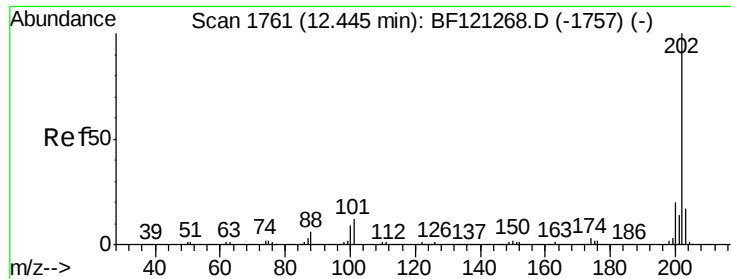
Tot Ion:167 Resp: 556939
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 24.959 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:149 Resp: 697755
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.5 3.6 5.4

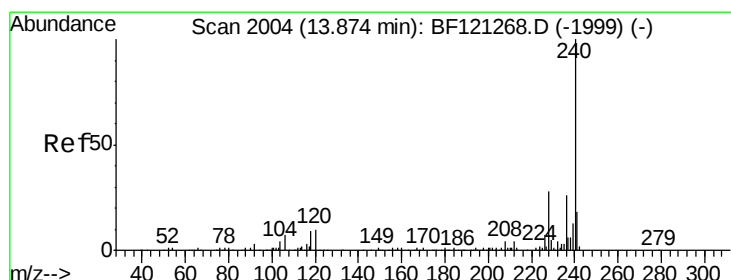
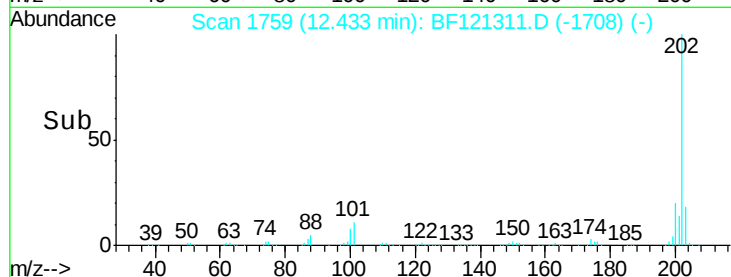
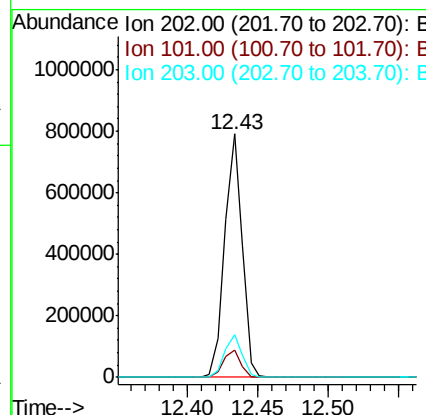
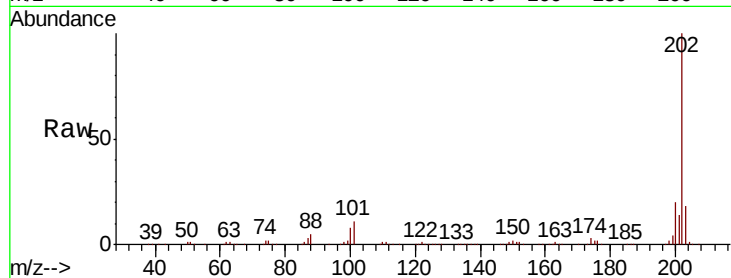




#75
 Fluoranthene
 Concen: 24.204 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

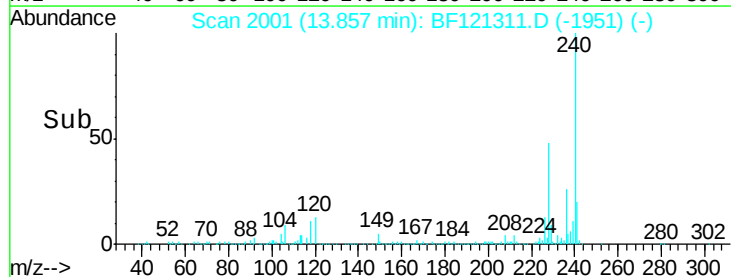
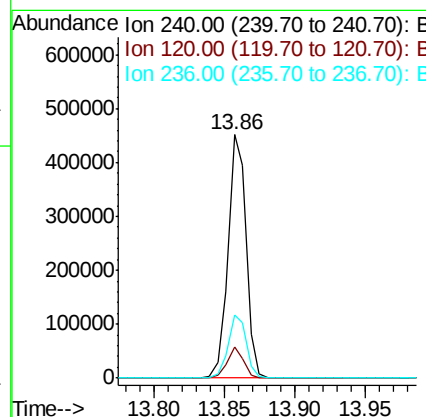
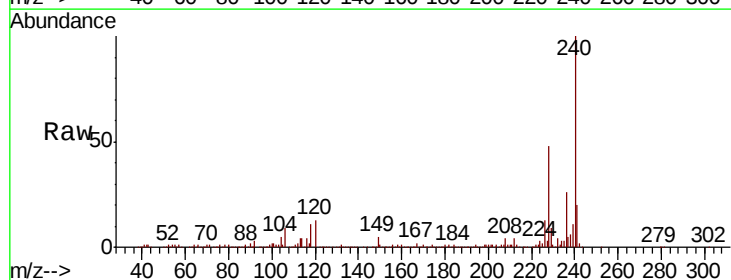
Instrument :
 BNA_F
 ClientSampled :
 SP1-3MS

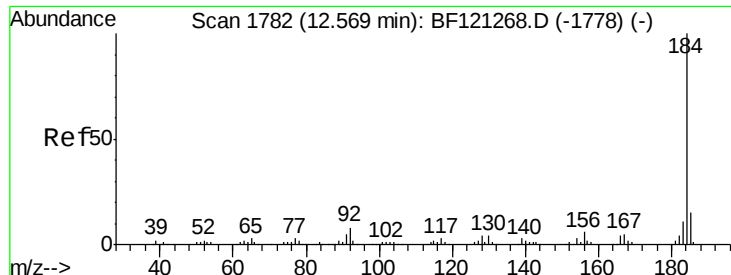
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.2
203	17.7	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	26.1	21.2	31.8

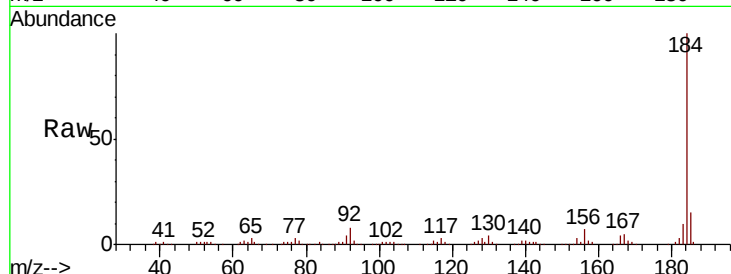




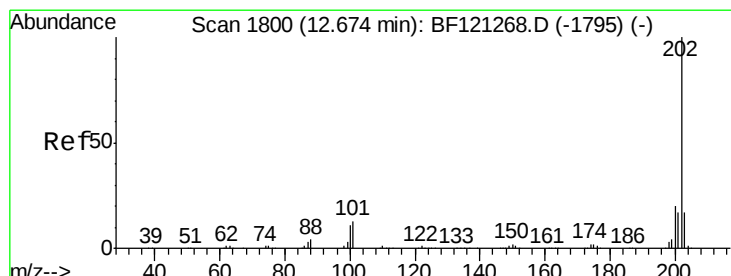
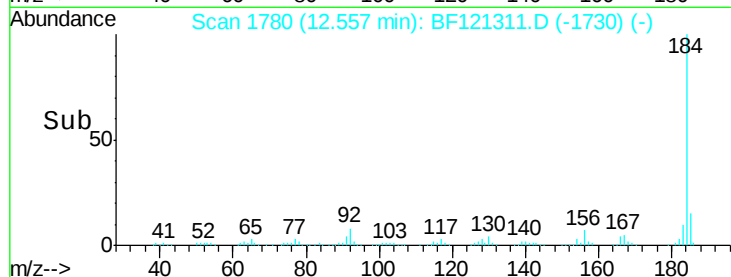
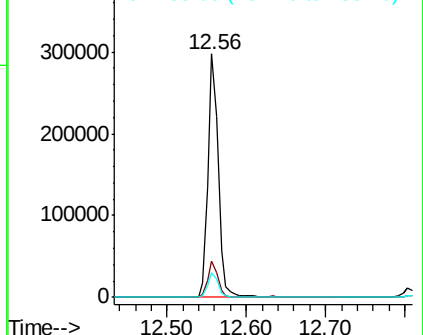
#77
Benzidine
Concen: 25.933 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:184 Resp: 272312
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 10.4 8.6 13.0

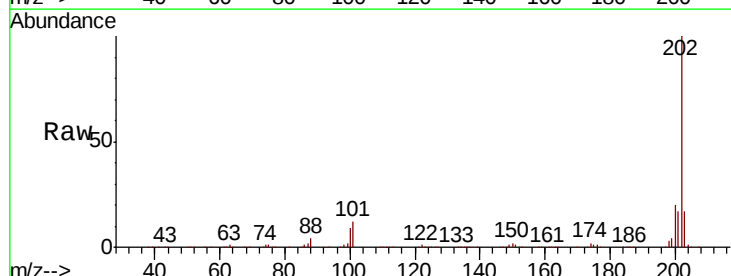


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

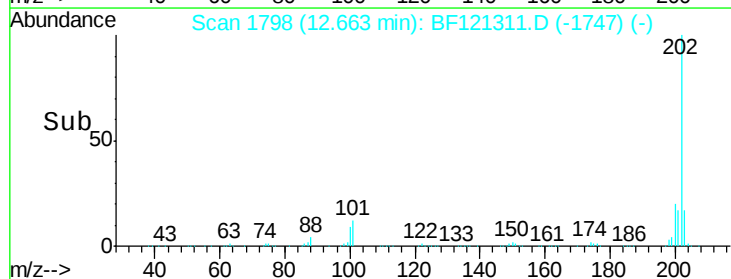
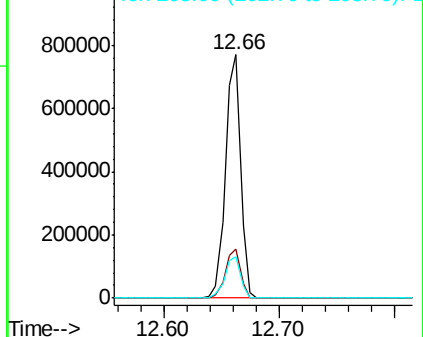


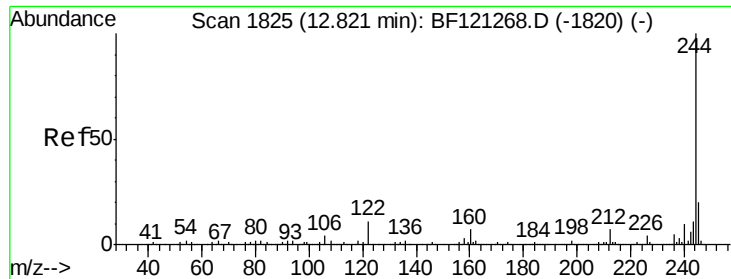
#78
Pyrene
Concen: 23.406 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:202 Resp: 696212
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.1 14.2 21.4



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

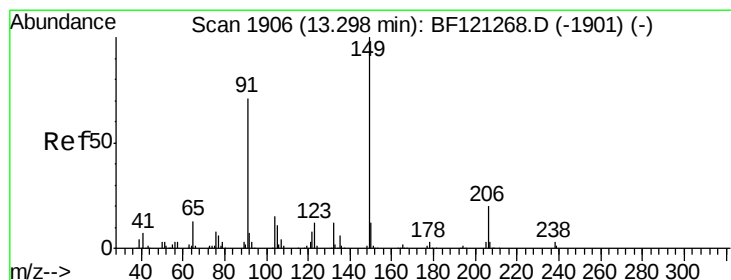
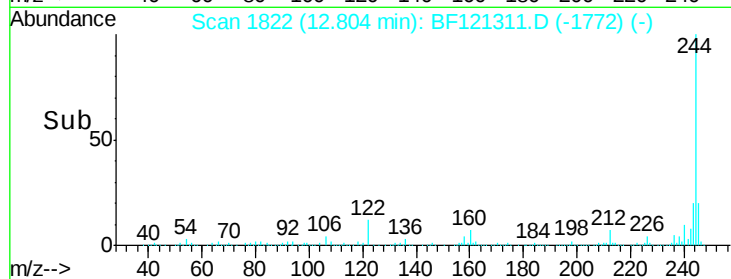
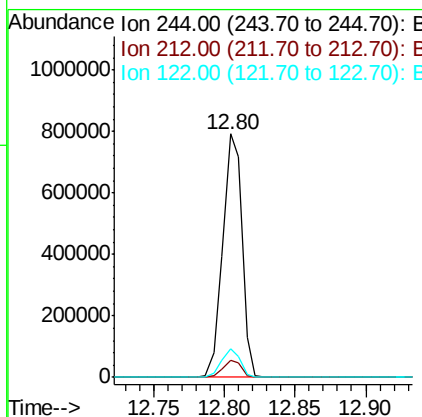
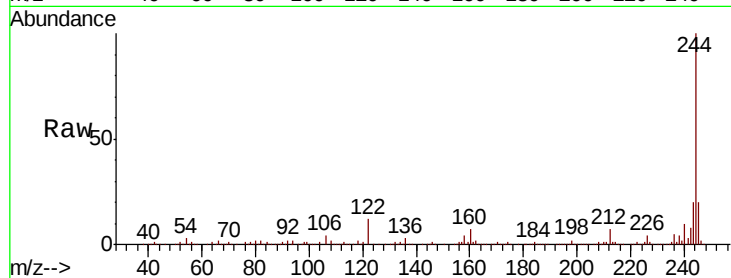




#79
 Terphenyl-d14
 Concen: 36.682 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

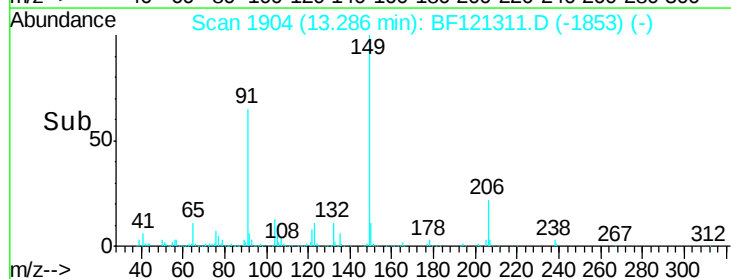
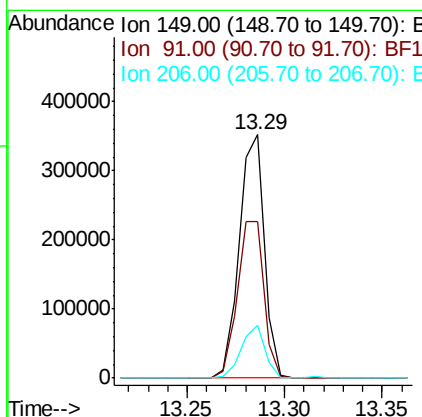
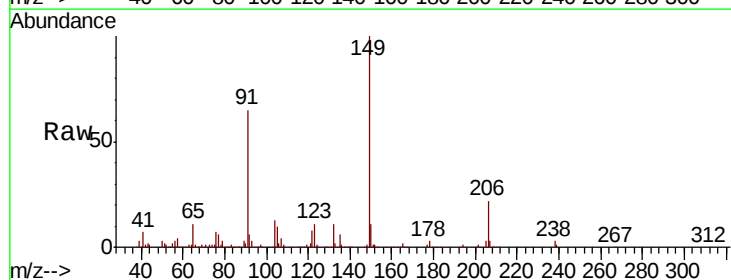
Instrument :
 BNA_F
 ClientSampled :
 SP1-3MS

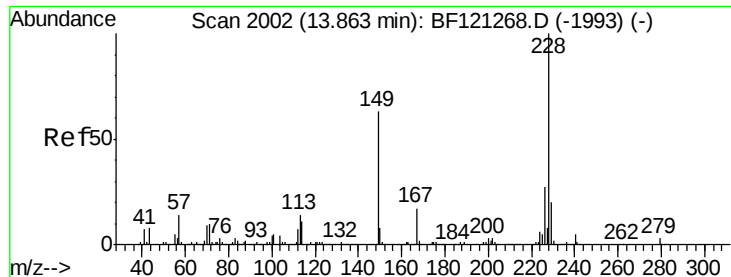
Tot Ion:244 Resp: 751644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.7 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 25.805 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion:149 Resp: 313539
 Ion Ratio Lower Upper
 149 100
 91 64.5 53.0 79.4
 206 21.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 22.641 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

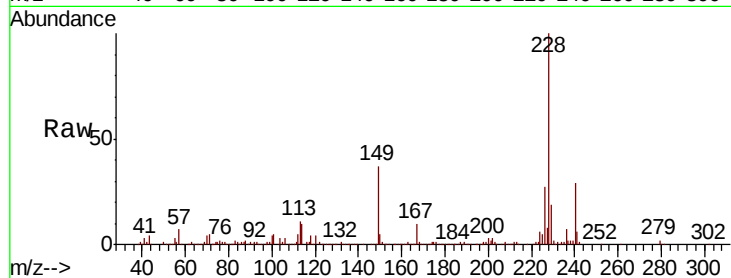
Tot Ion:228 Resp: 613395

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

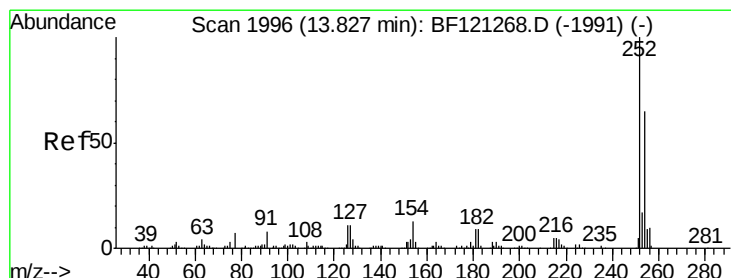
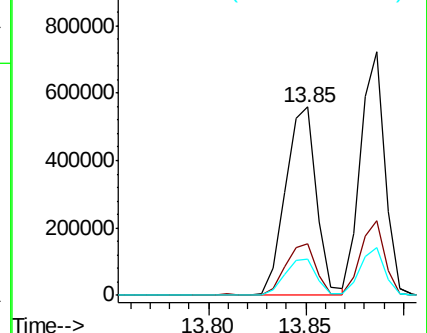
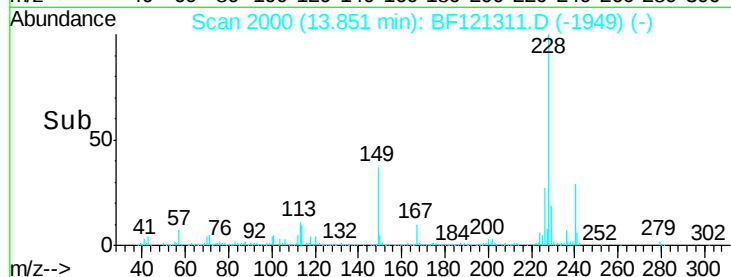
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.804 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

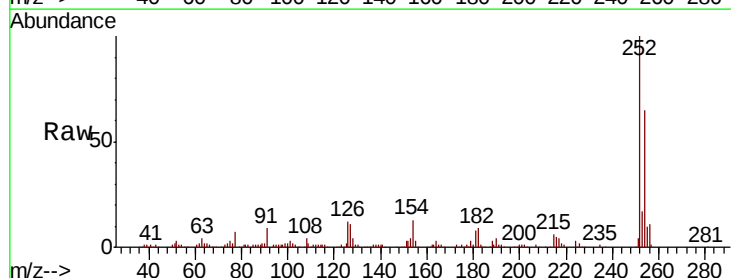
Tgt Ion:252 Resp: 169874

Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

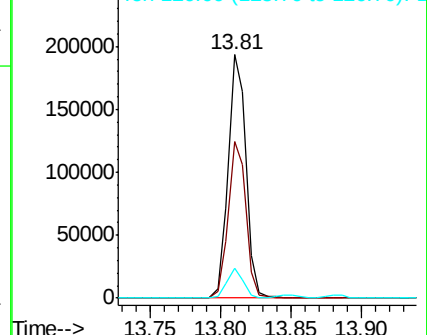
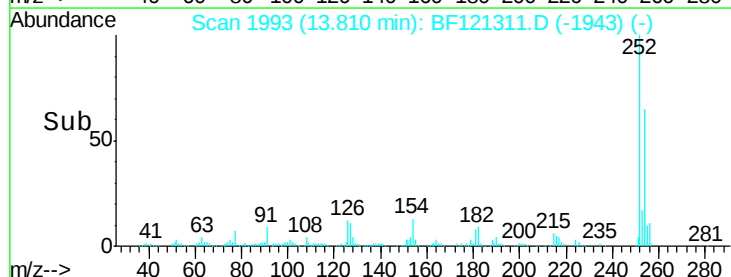
126 12.1 9.1 13.7

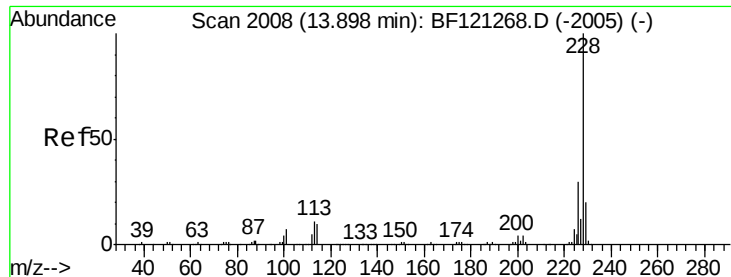


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 22.569 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA_F

ClientSampled :

SP1-3MS

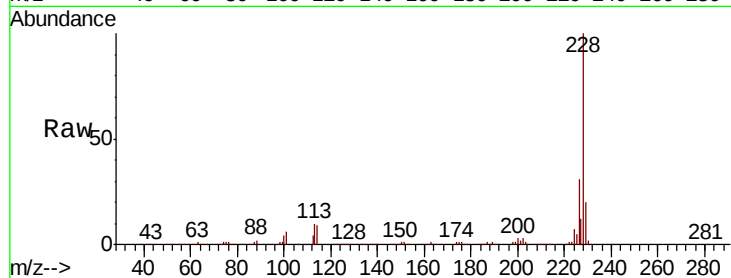
Tot Ion:228 Resp: 624277

Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

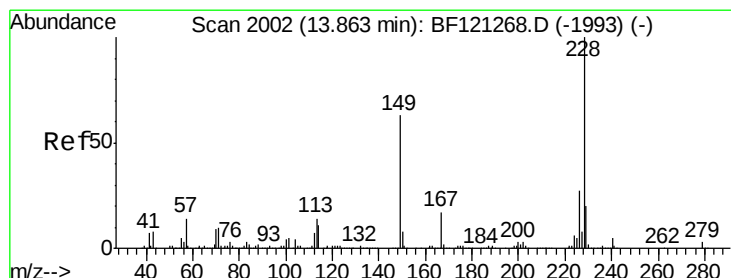
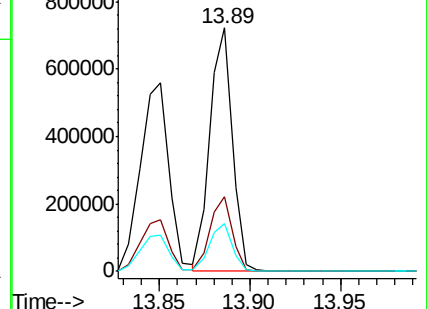
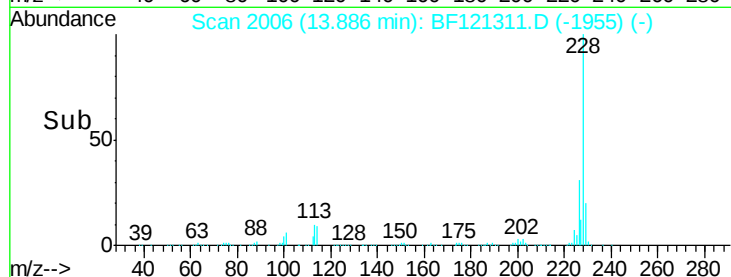
229 19.6 16.3 24.5



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: 24.948 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

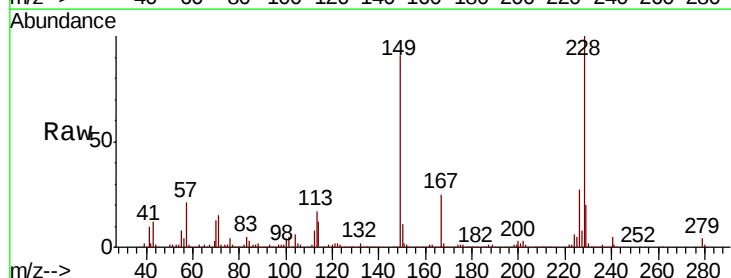
Tgt Ion:149 Resp: 417803

Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

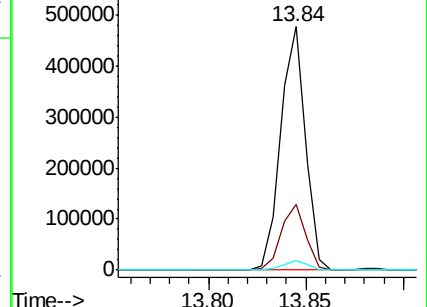
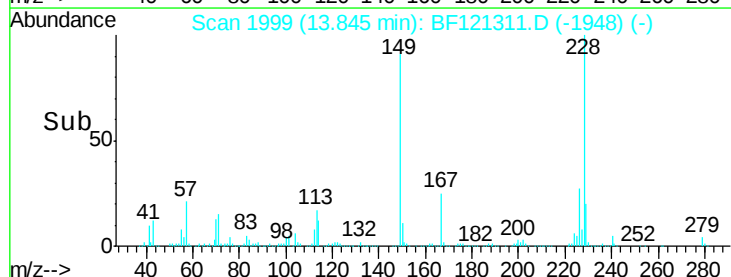
279 4.1 2.9 4.3

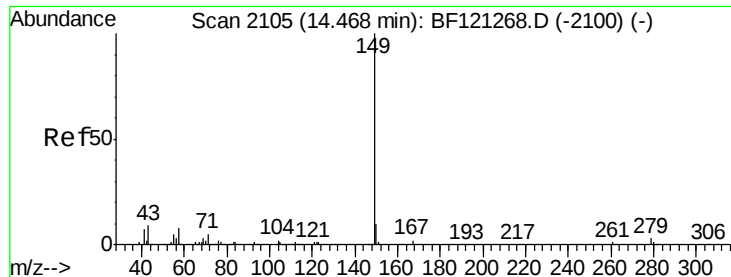


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

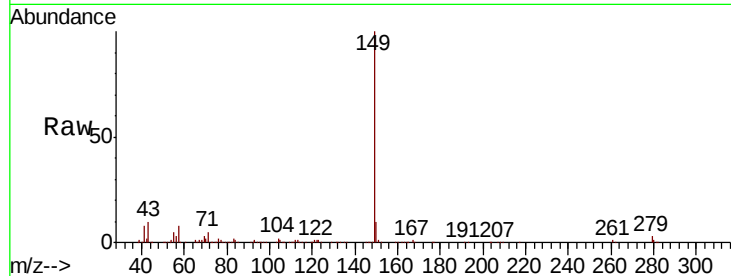




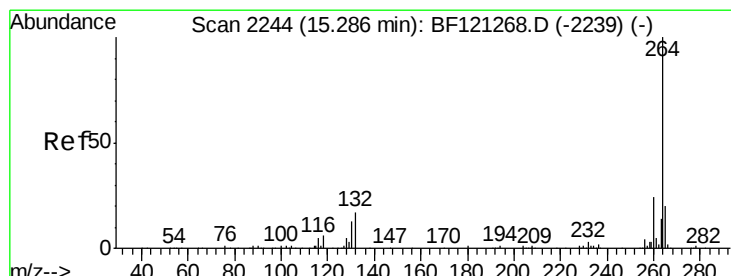
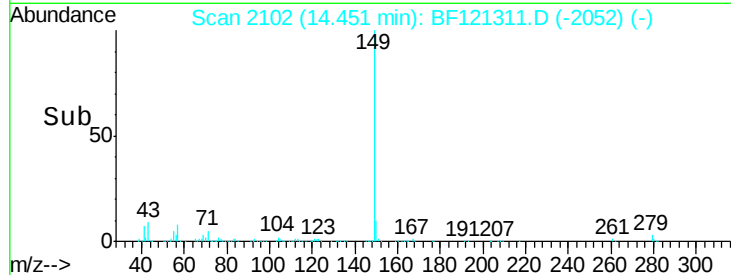
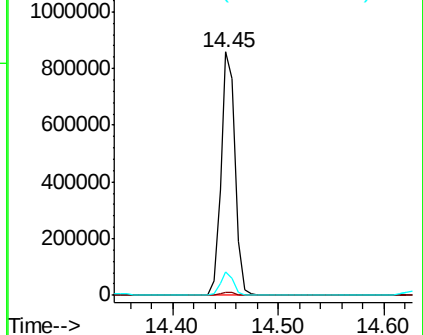
#85
Di-n-octyl phthalate
Concen: 26.193 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.2	10.8

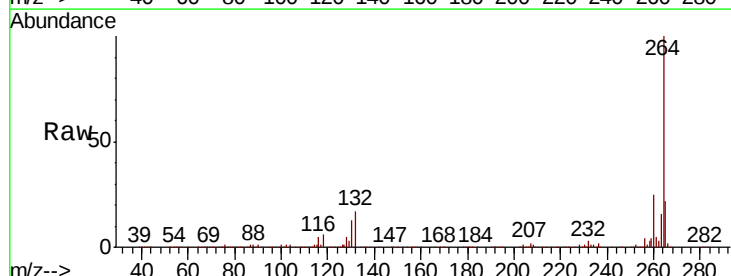


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

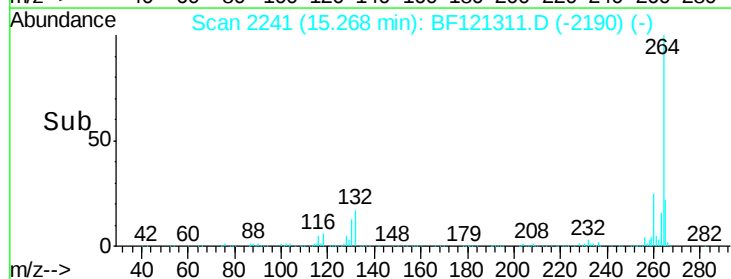
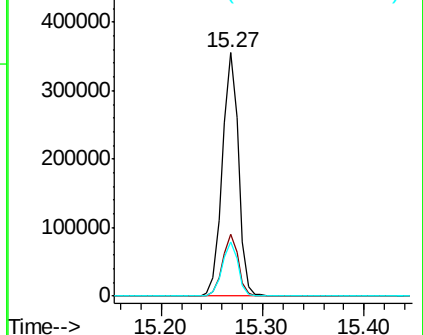


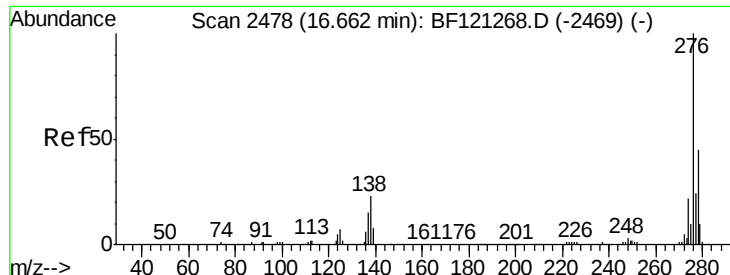
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	22.0	17.1	25.7



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

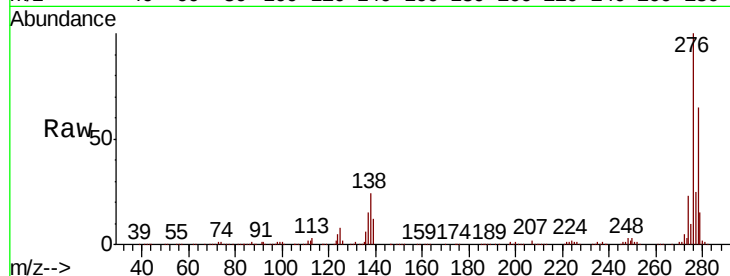




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 22.000 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	25.1	20.4	30.6

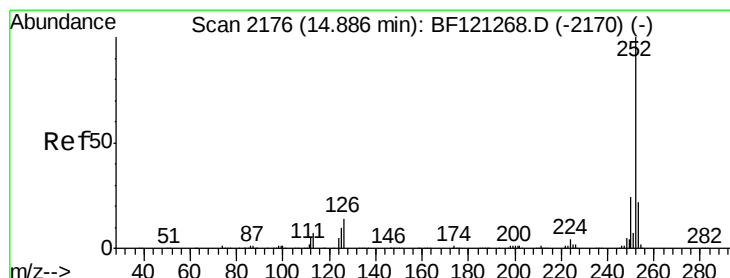
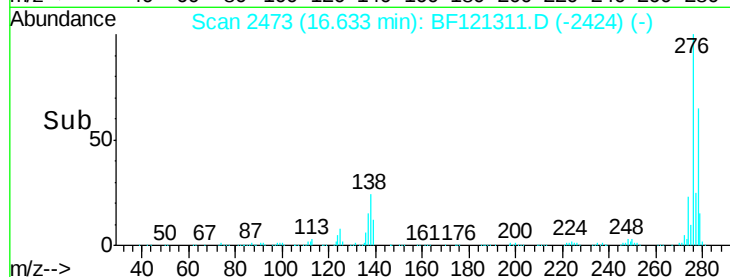
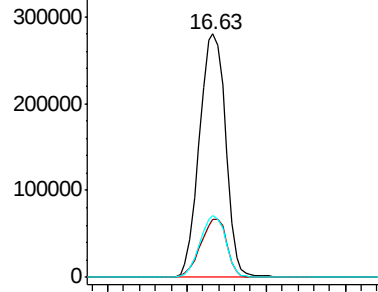


Abundance

Ion 276.00 (275.70 to 276.70): E

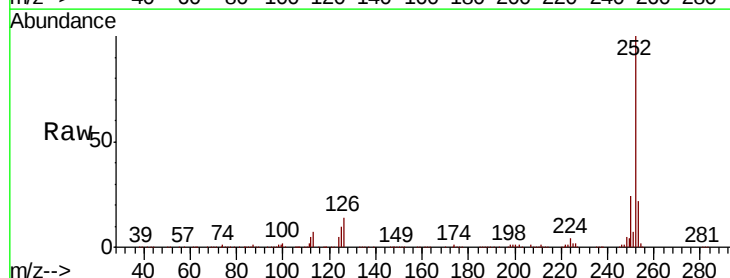
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 23.071 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF121311.D
 Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.4	7.5	11.3

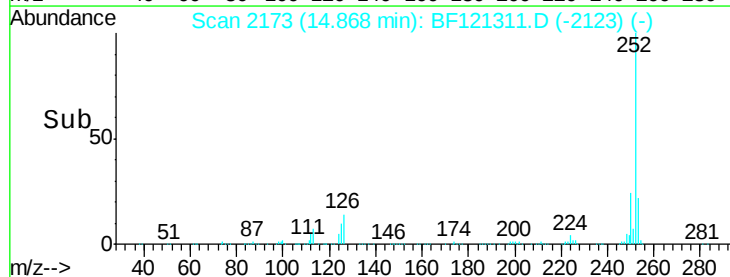
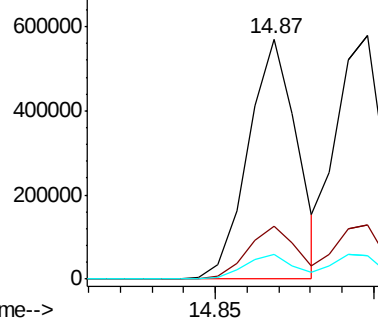


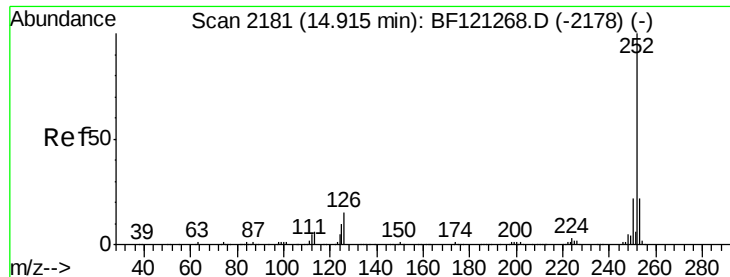
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

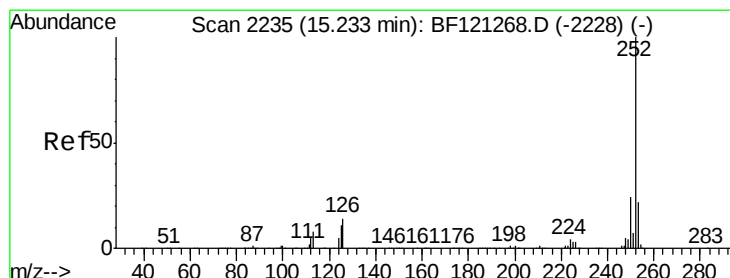
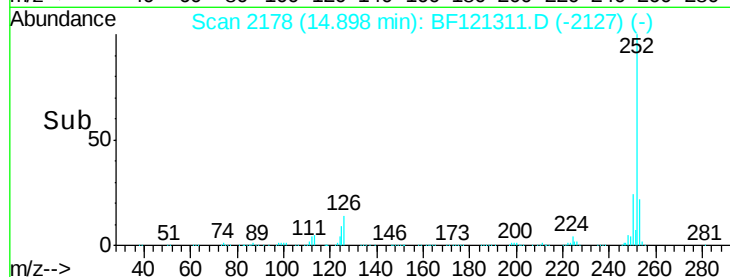
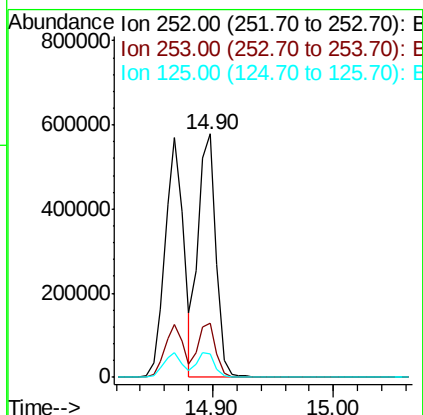
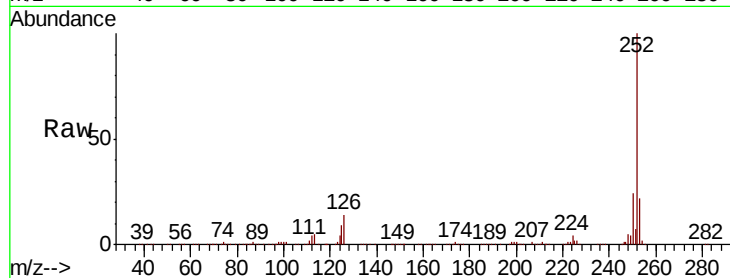




#89
Benzo(k)fluoranthene
Concen: 24.220 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

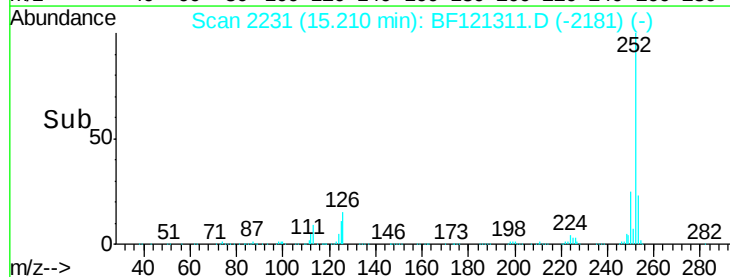
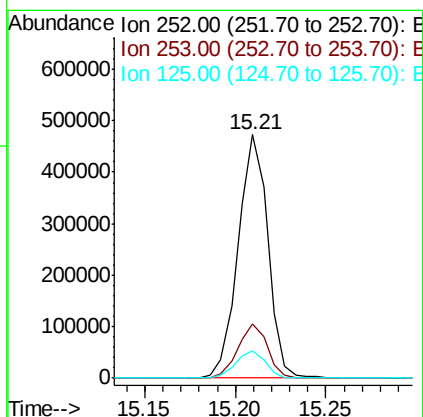
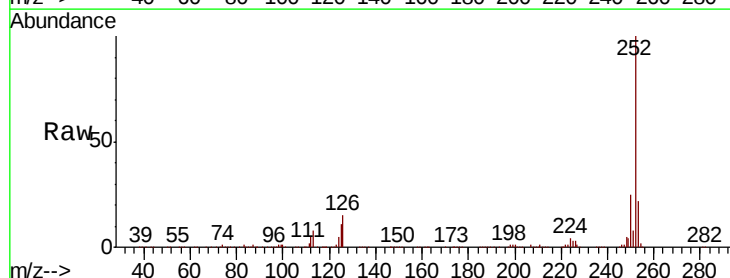
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

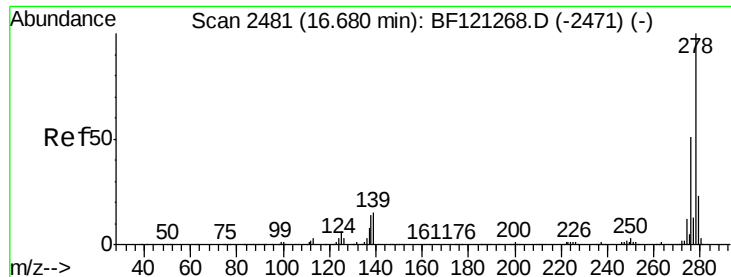
Tot Ion:252 Resp: 594523
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 22.603 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion:252 Resp: 539264
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.4 8.7 13.1

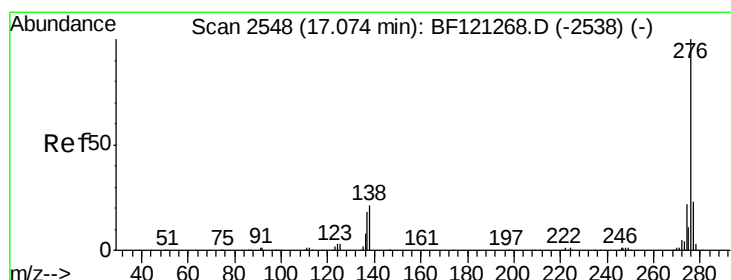
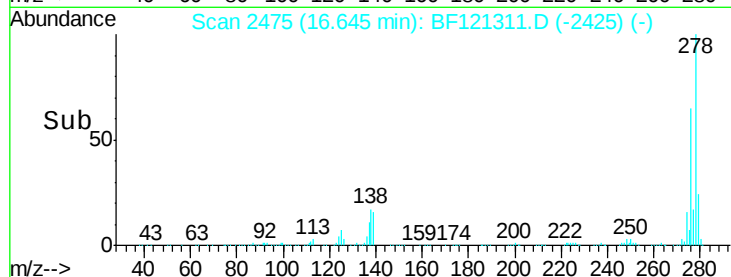
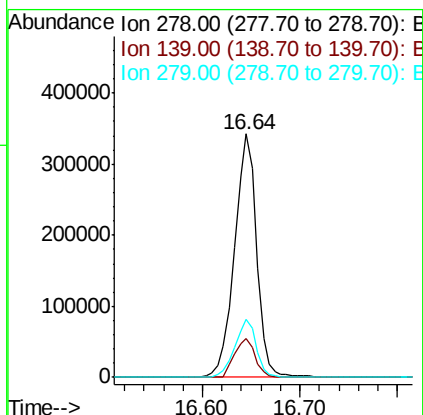
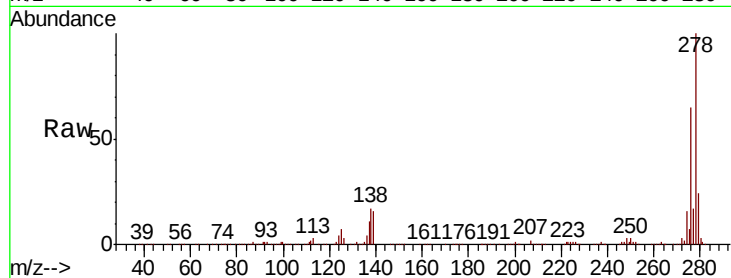




#91
Dibenzo(a,h)anthracene
Concen: 21.477 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.0	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 21.746 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF121311.D
Acq: 17 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	21.0	16.6	24.8

