

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114069.D
 Acq On : 1 May 2019 15:14
 Operator : JU/SJ
 Sample : K2191-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 00:59:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	91801	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	337895	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	172738	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	303805	20.00	ng	0.01
76) Chrysene-d12	14.07	240	224491	20.00	ng	0.00
87) Perylene-d12	15.58	264	178683	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	604971	112.71	ng	0.01
7) Phenol-d6	6.53	99	798640	118.60	ng	0.01
23) Nitrobenzene-d5	7.46	82	458619	83.80	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	232965	110.71	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	911288	82.51	ng	0.00
79) Terphenyl-d14	13.01	244	915761	83.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	93585	36.988	ng	97
3) Pyridine	3.46	79	236418	34.233	ng	96
4) n-Nitrosodimethylamine	3.39	42	87900	37.182	ng	95
6) Aniline	6.56	93	166078	17.960	ng	94
8) 2-Chlorophenol	6.69	128	234036	38.192	ng	99
9) Benzaldehyde	6.45	77	52621	9.197	ng	92
10) Phenol	6.55	94	302453	37.561	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	227045	37.469	ng	98
12) 1,3-Dichlorobenzene	6.84	146	255283	36.783	ng	99
13) 1,4-Dichlorobenzene	6.92	146	259872	37.228	ng	100
14) 1,2-Dichlorobenzene	7.07	146	245006	38.190	ng	99
15) Benzyl Alcohol	7.03	79	204369	45.062	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	249294	35.244	ng	93
17) 2-Methylphenol	7.15	107	193321	35.990	ng	98
18) Hexachloroethane	7.41	117	64826	26.492	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	164654	37.757	ng	96
20) 3+4-Methylphenols	7.30	107	242842	40.015	ng	# 63
22) Acetophenone	7.30	105	328775	43.724	ng	# 94
24) Nitrobenzene	7.47	77	246885	40.828	ng	99
25) Isophorone	7.72	82	452505	40.411	ng	100
26) 2-Nitrophenol	7.79	139	111783	40.521	ng	95
27) 2,4-Dimethylphenol	7.83	122	211969	47.161	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	292880	41.046	ng	99
29) 2,4-Dichlorophenol	8.04	162	218312	42.476	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	230296	40.186	ng	99
31) Naphthalene	8.20	128	677602	42.213	ng	99
32) Benzoic acid	7.94	122	86553	28.516	ng	95
33) 4-Chloroaniline	8.25	127	97202	14.311	ng	98
34) Hexachlorobutadiene	8.32	225	137355	38.448	ng	98
35) Caprolactam	8.61	113	65551	40.093	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	213583	41.945	ng	99
37) 2-Methylnaphthalene	8.90	142	458217	42.332	ng	98
38) 1-Methylnaphthalene	8.99	142	433979	41.539	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	236358	42.123	ng	99

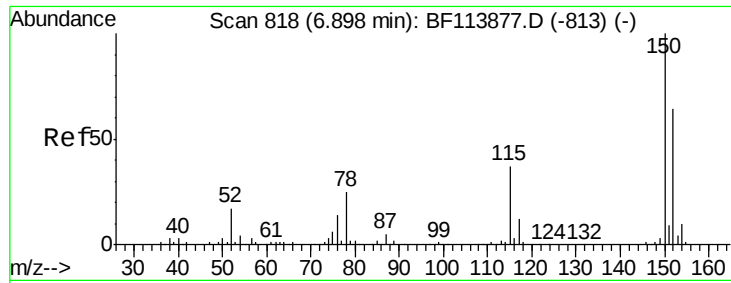
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114069.D
 Acq On : 1 May 2019 15:14
 Operator : JU/SJ
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Quant Time: May 02 00:59:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	12768	4.081	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	159674	44.814	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	167902	42.013	ng	98
46) 1,1'-Biphenyl	9.36	154	557950	42.282	ng	99
47) 2-Chloronaphthalene	9.39	162	440580	41.056	ng	98
48) 2-Nitroaniline	9.47	65	135075	48.016	ng	92
49) Acenaphthylene	9.80	152	662369	39.427	ng	99
50) Dimethylphthalate	9.65	163	644456	51.587	ng	99
51) 2,6-Dinitrotoluene	9.72	165	109149	40.725	ng	99
52) Acenaphthene	9.97	154	391322	39.414	ng	97
53) 3-Nitroaniline	9.88	138	87333	31.009	ng	100
54) 2,4-Dinitrophenol	10.00	184	5207	12.343	ng	# 11
55) Dibenzofuran	10.15	168	607294	40.835	ng	99
56) 4-Nitrophenol	10.05	139	177564	79.628	ng	93
57) 2,4-Dinitrotoluene	10.12	165	135506	40.056	ng	98
58) Fluorene	10.49	166	449979	40.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	140692	40.060	ng	# 98
60) Diethylphthalate	10.35	149	515378	43.443	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	248075	41.836	ng	98
62) 4-Nitroaniline	10.50	138	117446	42.733	ng	95
63) Azobenzene	10.63	77	431880	37.562	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	5675	10.763	ng	# 63
66) n-Nitrosodiphenylamine	10.59	169	418819	45.945	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	149892	40.841	ng	93
68) Hexachlorobenzene	11.05	284	159115	39.453	ng	98
69) Atrazine	11.12	200	131414	44.316	ng	99
70) Pentachlorophenol	11.23	266	168697	73.878	ng	96
71) Phenanthrene	11.45	178	631055	41.332	ng	99
72) Anthracene	11.50	178	649944	42.155	ng	99
73) Carbazole	11.65	167	588129	42.757	ng	99
74) Di-n-butylphthalate	11.98	149	751389	46.438	ng	99
75) Fluoranthene	12.64	202	628260	37.716	ng	99
77) Benzidine	12.76	184	90850	13.582	ng	98
78) Pyrene	12.87	202	637346	40.598	ng	98
80) Butylbenzylphthalate	13.48	149	286477	46.380	ng	97
81) Benzo(a)anthracene	14.06	228	572074	43.252	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	147202	30.364	ng	# 98
83) Chrysene	14.10	228	549389	42.650	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	437672	55.692	ng	99
85) Di-n-octyl phthalate	14.67	149	708531	57.601	ng	97
86) Indeno(1,2,3-cd)pyrene	17.09	276	388613	31.849	ng	98
88) Benzo(b)fluoranthene	15.14	252	452825	40.055	ng	99
89) Benzo(k)fluoranthene	15.17	252	417357	42.918	ng	100
90) Benzo(a)pyrene	15.52	252	387418	39.620	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	334141	36.402	ng	99
92) Benzo(g,h,i)perylene	17.55	276	312593	33.745	ng	99

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

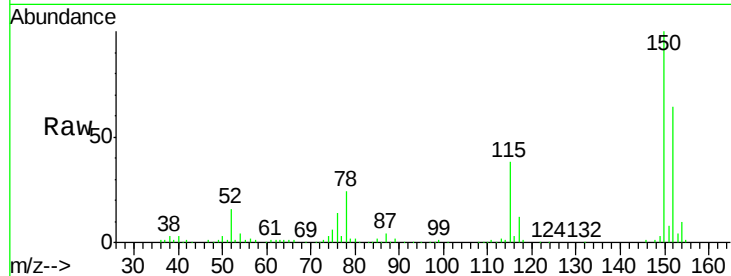


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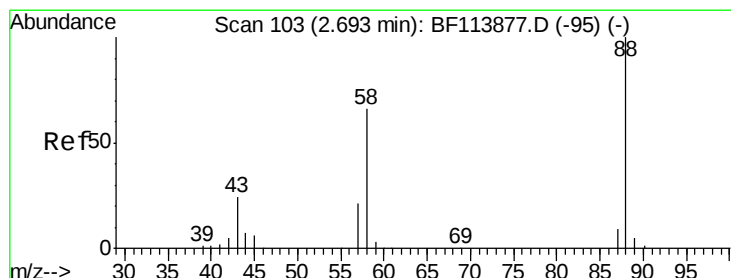
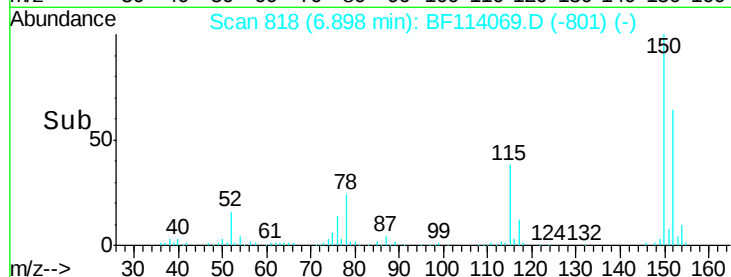
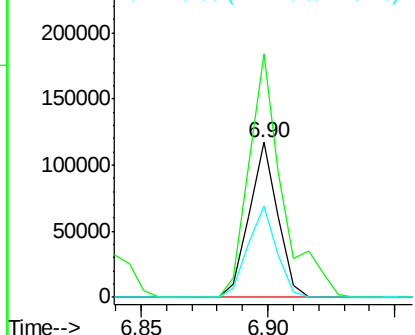
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91801
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 59.1 45.9 68.9



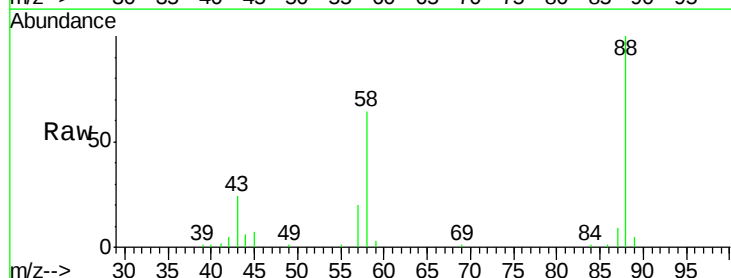
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



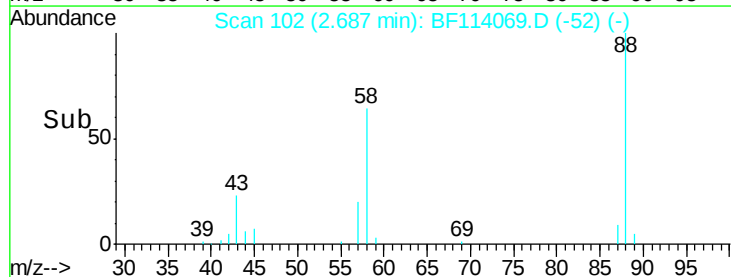
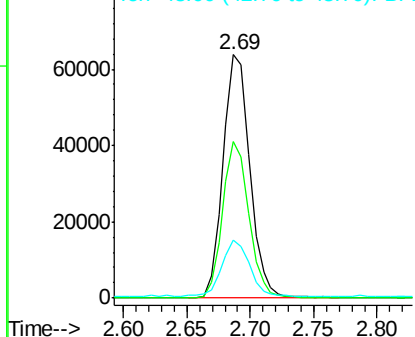
#2

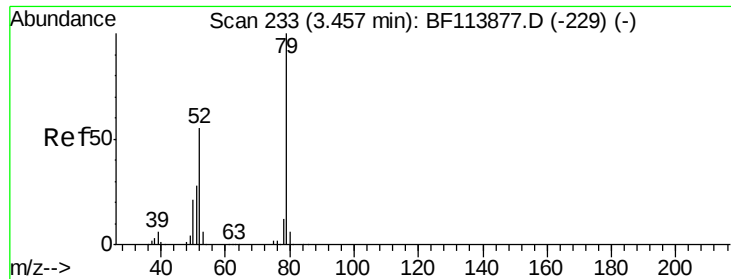
1,4-Dioxane
Concen: 36.988 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion: 88 Resp: 93585
Ion Ratio Lower Upper
88 100
58 63.0 53.3 79.9
43 24.0 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.233 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

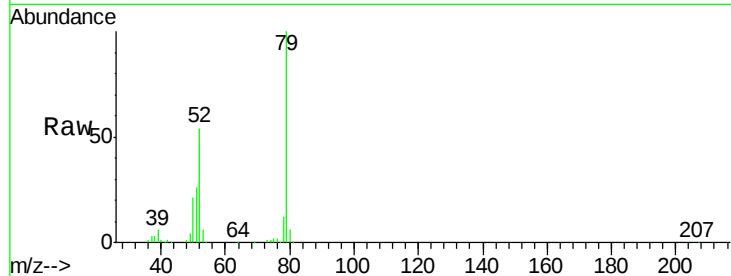
Tot Ion: 79 Resp: 236418

Ion Ratio Lower Upper

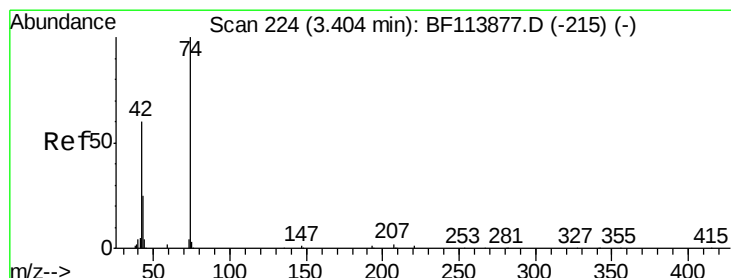
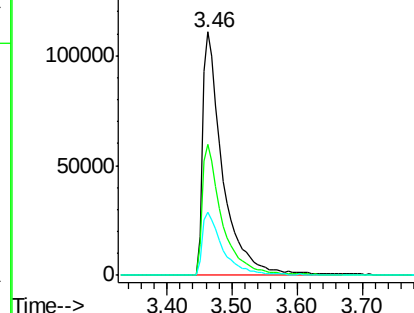
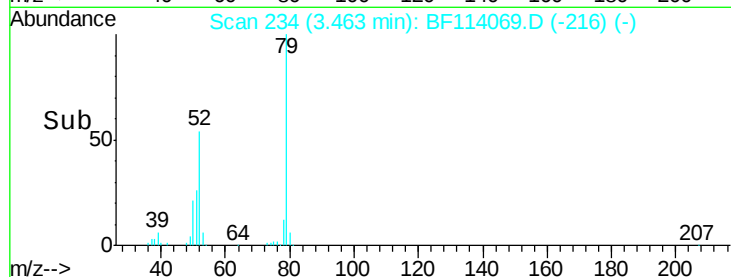
79 100

52 53.8 45.3 67.9

51 25.9 22.1 33.1



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: 37.182 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

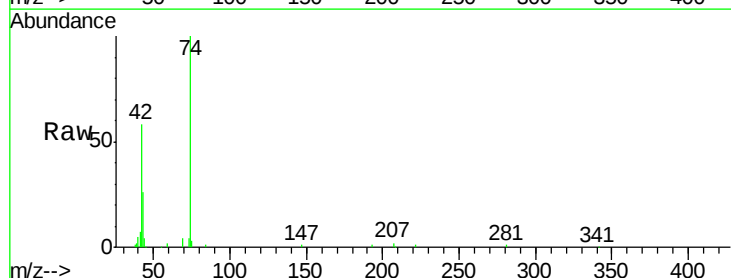
Tgt Ion: 42 Resp: 87900

Ion Ratio Lower Upper

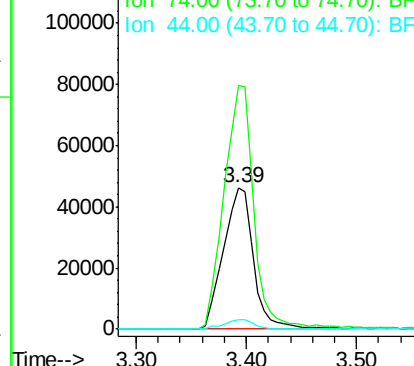
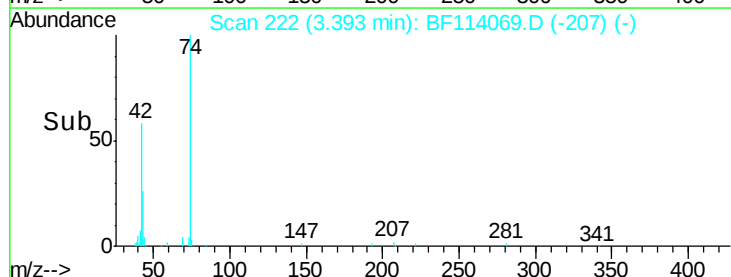
42 100

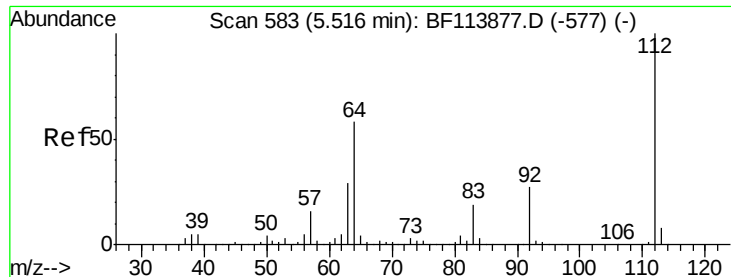
74 172.3 132.6 198.8

44 6.5 5.8 8.8



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: 112.713 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

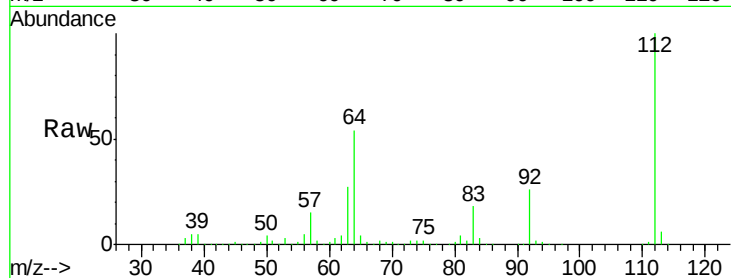
Tot Ion:112 Resp: 604971

Ion Ratio Lower Upper

112 100

64 54.4 46.6 69.8

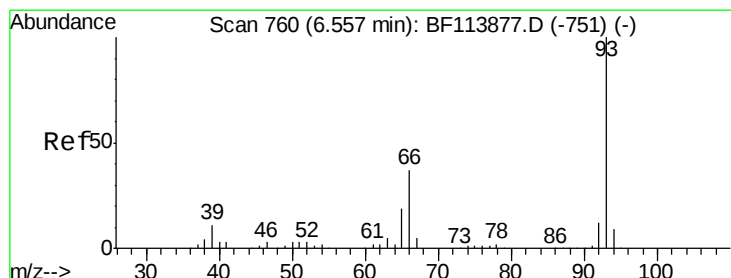
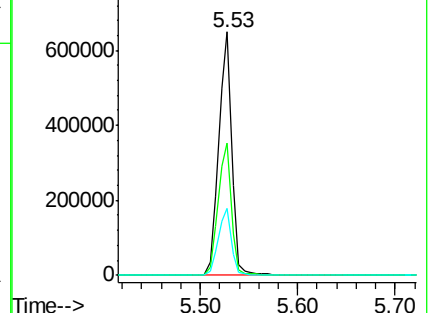
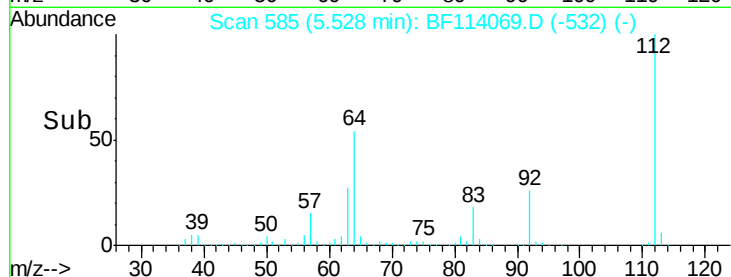
63 27.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.960 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

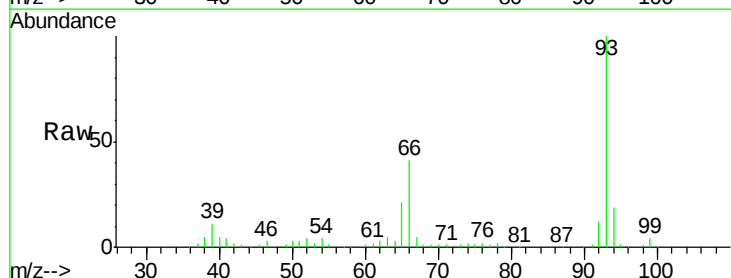
Tgt Ion: 93 Resp: 166078

Ion Ratio Lower Upper

93 100

66 41.5 29.8 44.6

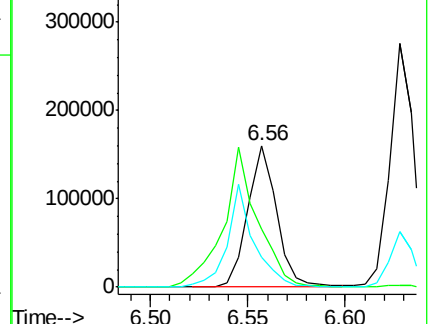
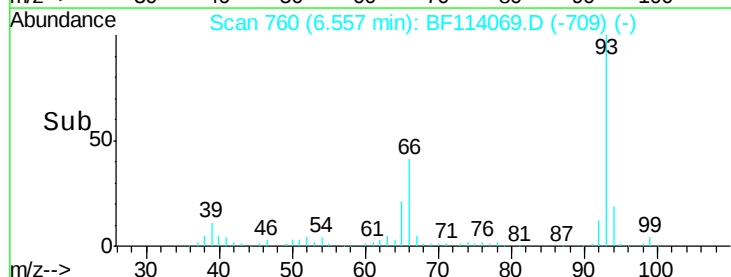
65 20.9 14.9 22.3

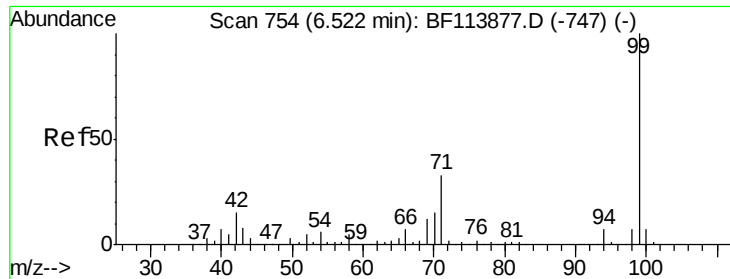


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.598 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

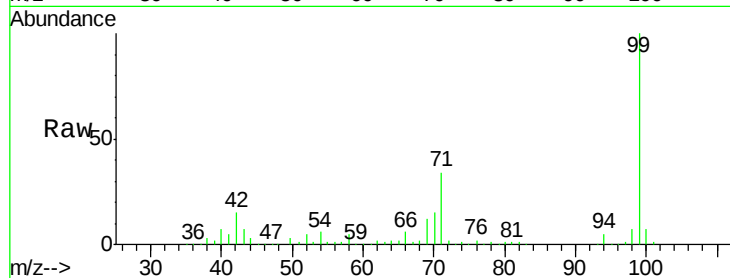
Tot Ion: 99 Resp: 798640

Ion Ratio Lower Upper

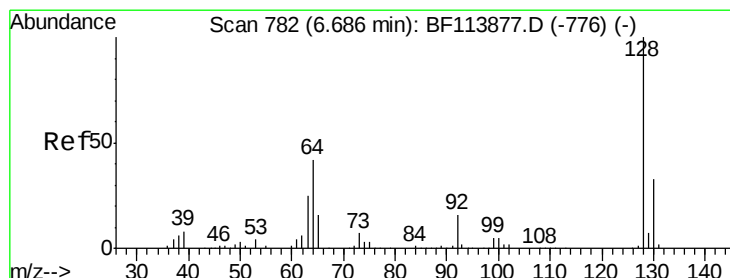
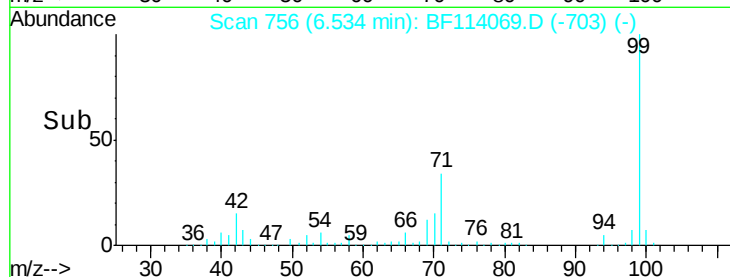
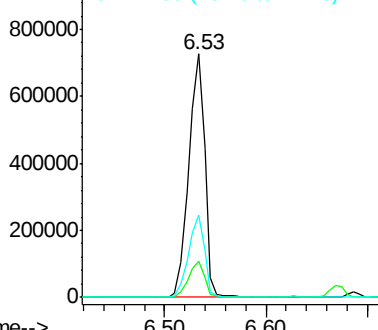
99 100

42 15.0 12.5 18.7

71 33.9 26.9 40.3



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: 38.192 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

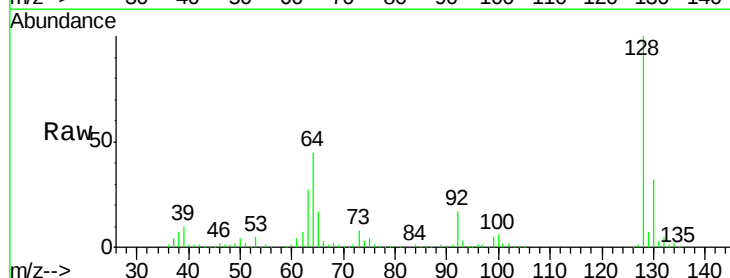
Tgt Ion: 128 Resp: 234036

Ion Ratio Lower Upper

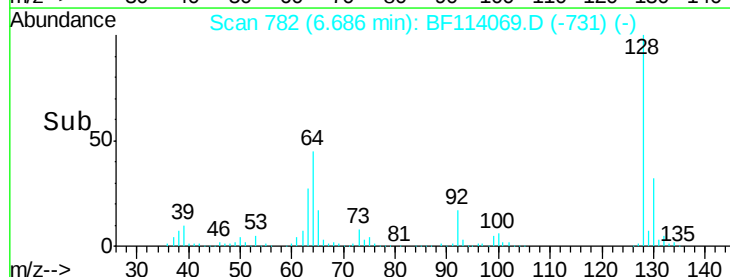
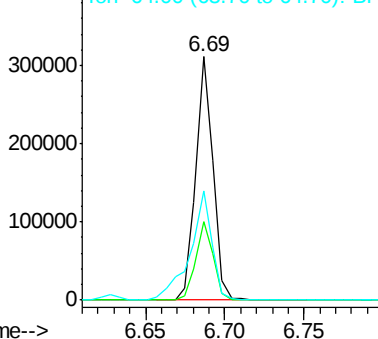
128 100

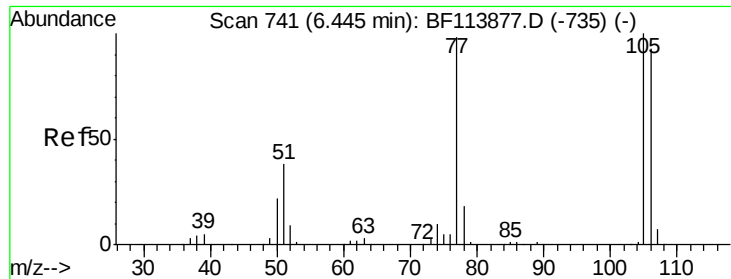
130 32.0 12.3 52.3

64 45.0 26.1 66.1



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





#9

Benzaldehyde

Concen: 9.197 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

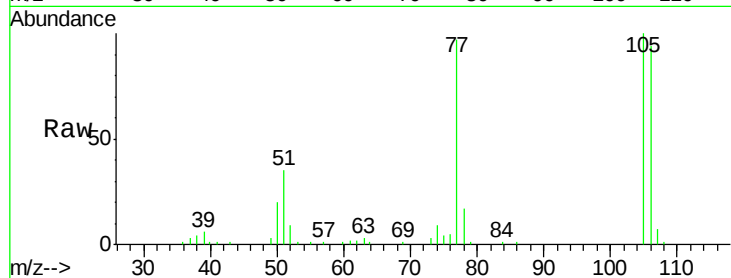
Tot Ion: 77 Resp: 52621

Ion Ratio Lower Upper

77 100

105 103.0 74.1 114.1

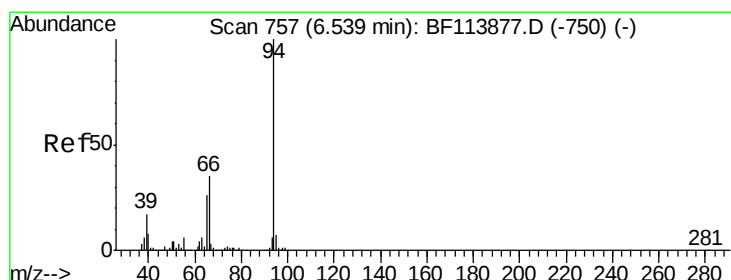
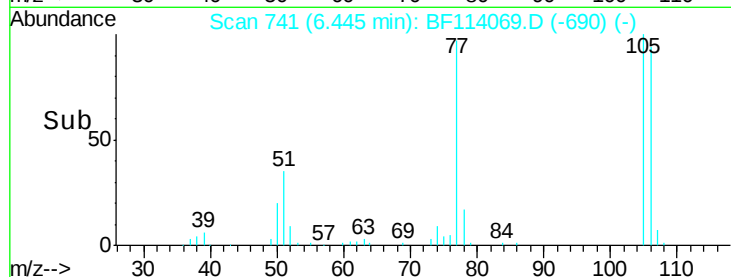
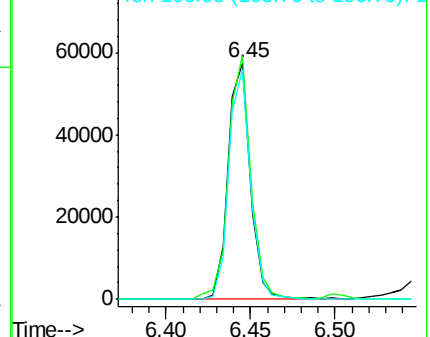
106 96.9 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.561 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

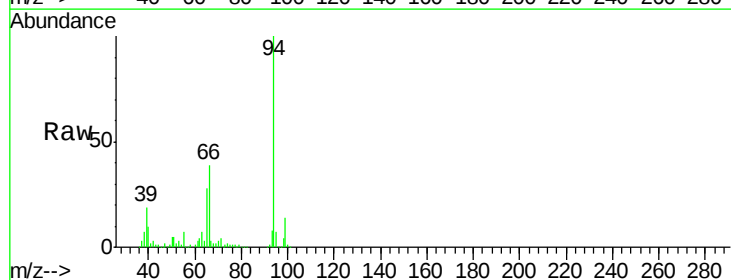
Tgt Ion: 94 Resp: 302453

Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

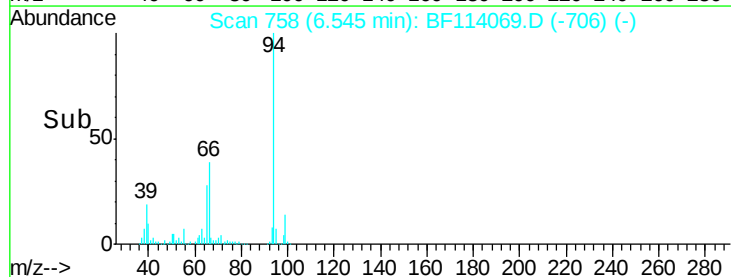
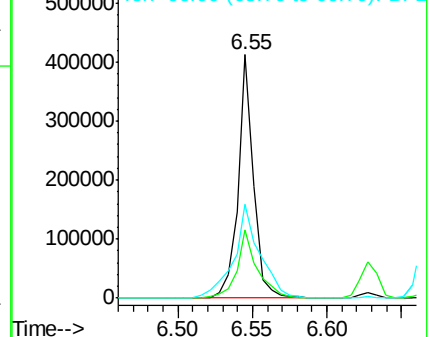
66 38.5 16.6 56.6

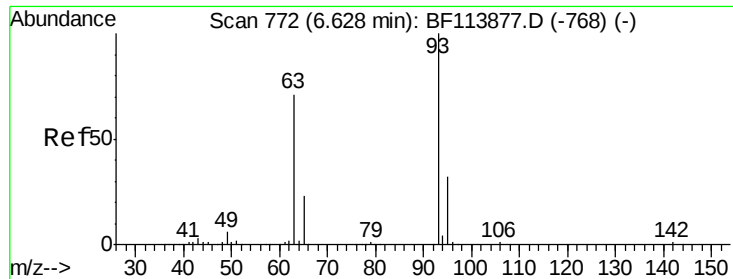


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

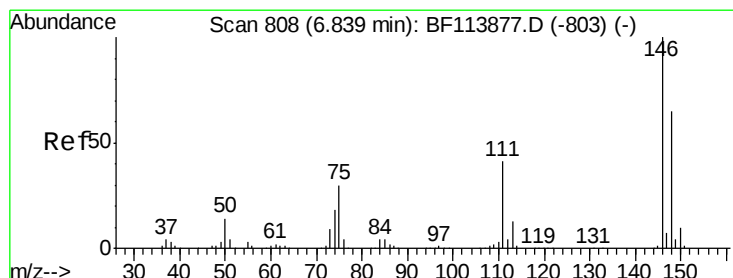
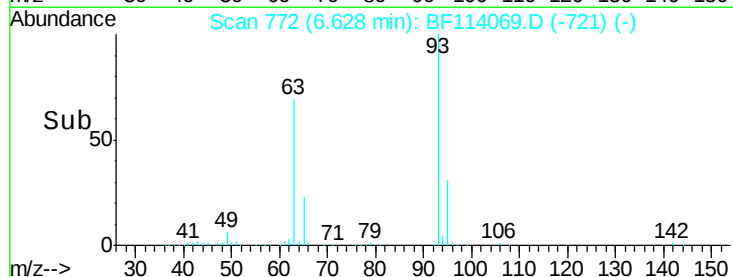
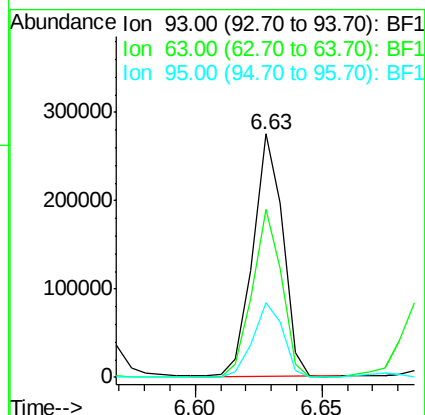
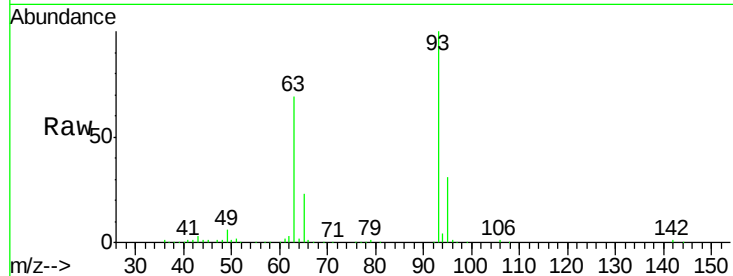




#11
 bis(2-Chloroethyl)ether
 Concen: 37.469 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

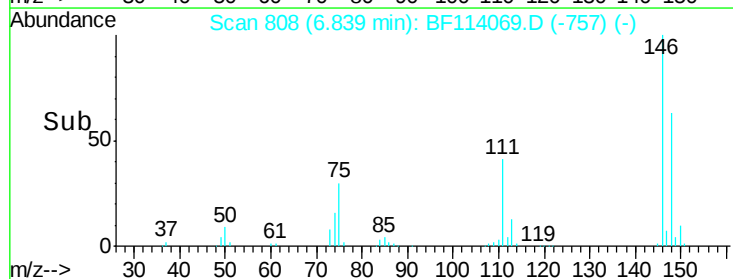
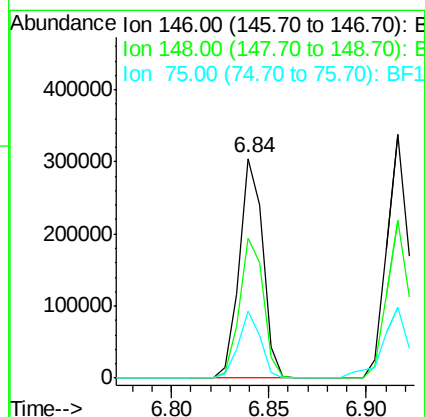
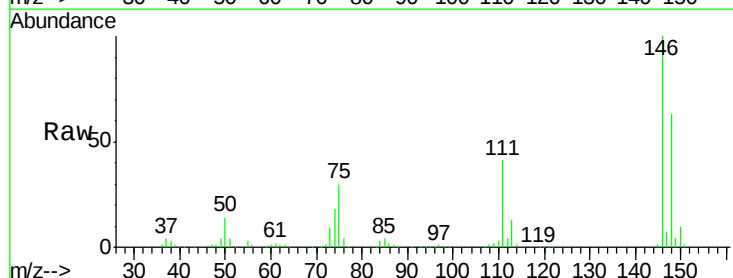
Instrument :
 BNA_F
 ClientSampleId :

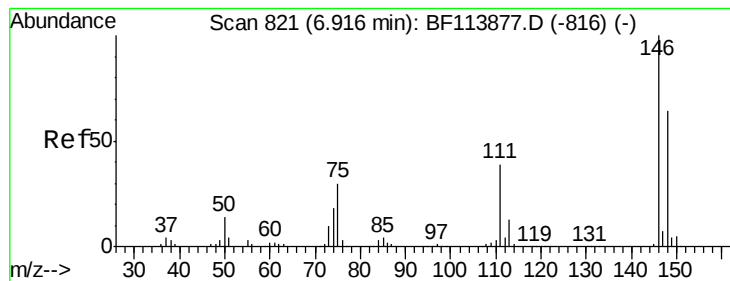
Tot Ion: 93 Resp: 227045
 Ion Ratio Lower Upper
 93 100
 63 68.8 50.7 90.7
 95 30.9 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 36.783 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion: 146 Resp: 255283
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 75 30.3 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 37.228 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

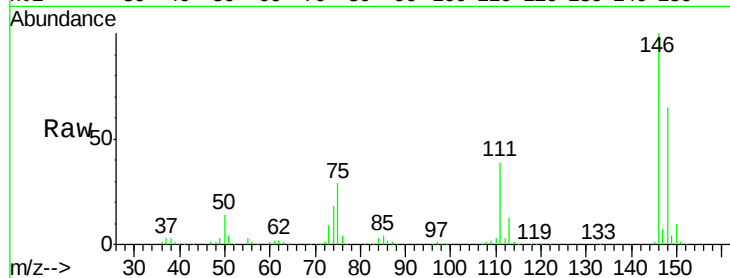
Tot Ion:146 Resp: 259872

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

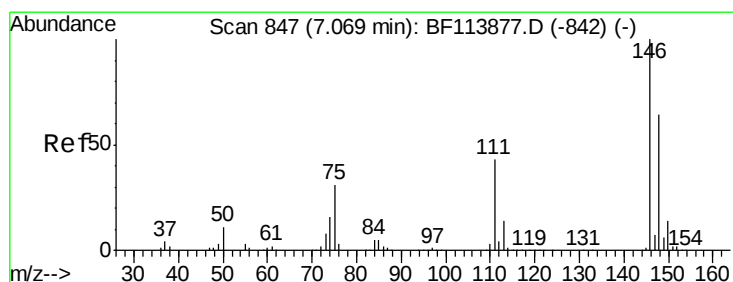
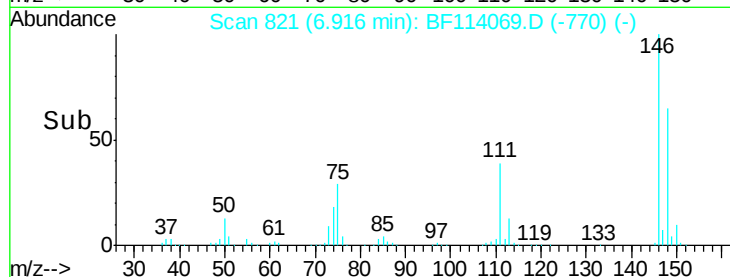
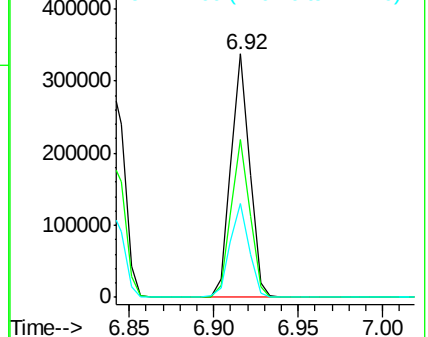
111 38.7 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.190 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

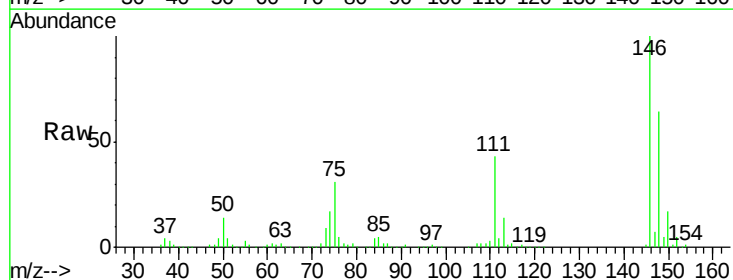
Tgt Ion:146 Resp: 245006

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

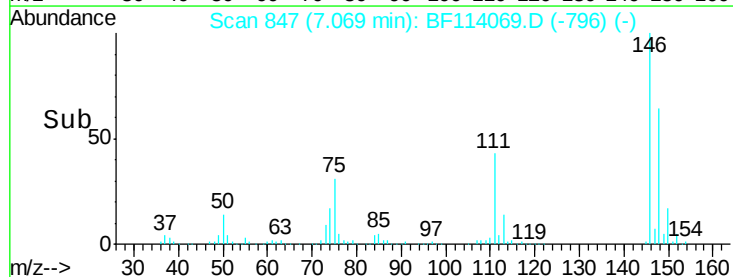
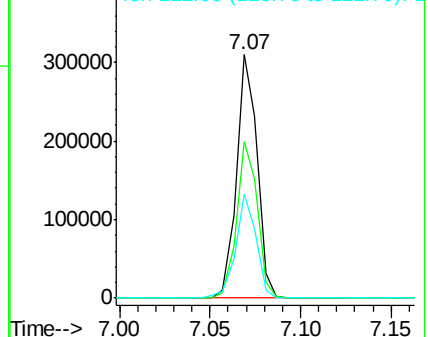
111 42.6 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.062 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

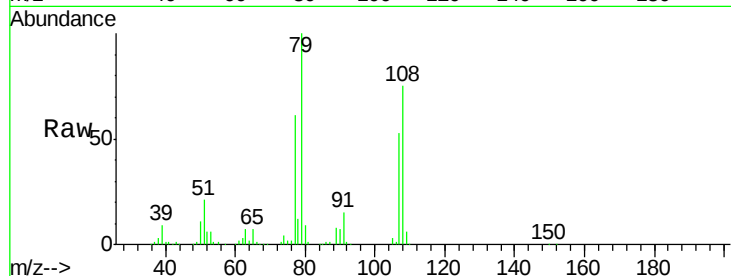
Tot Ion: 79 Resp: 204369

Ion Ratio Lower Upper

79 100

108 74.9 61.4 92.0

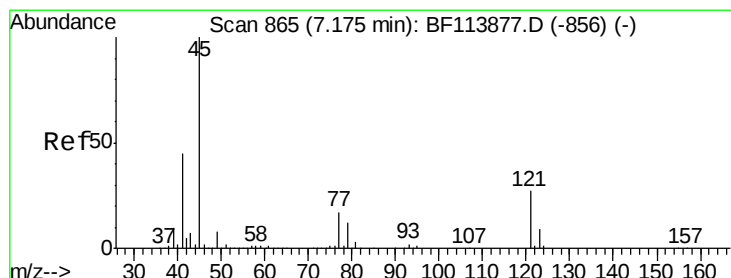
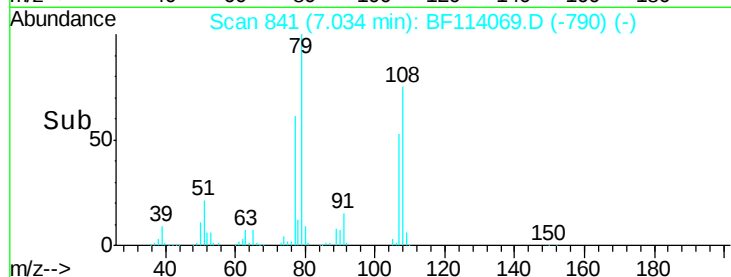
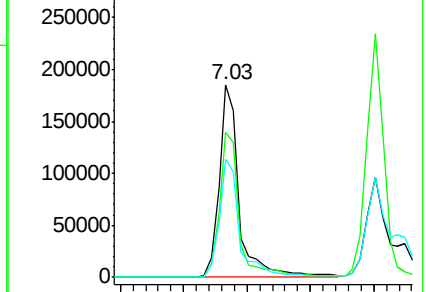
77 61.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.244 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

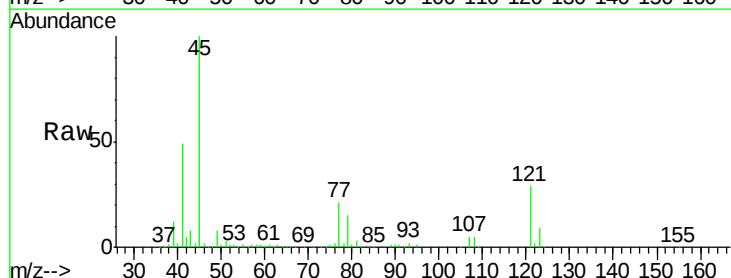
Tgt Ion: 45 Resp: 249294

Ion Ratio Lower Upper

45 100

77 20.6 0.0 37.0

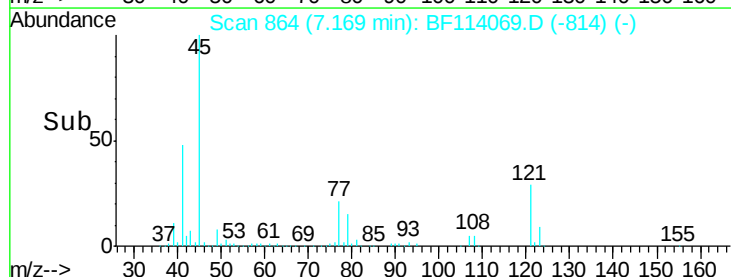
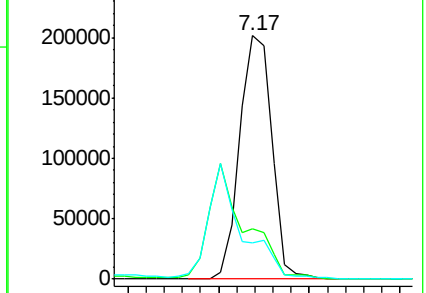
79 15.2 0.0 32.7

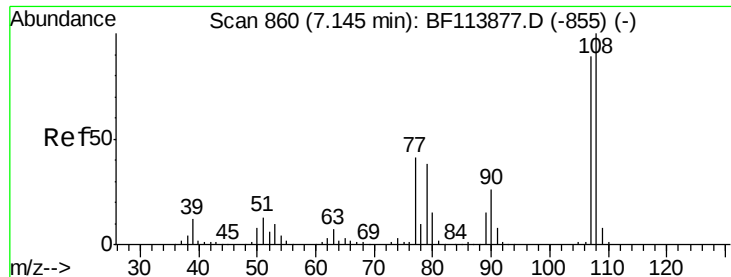


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

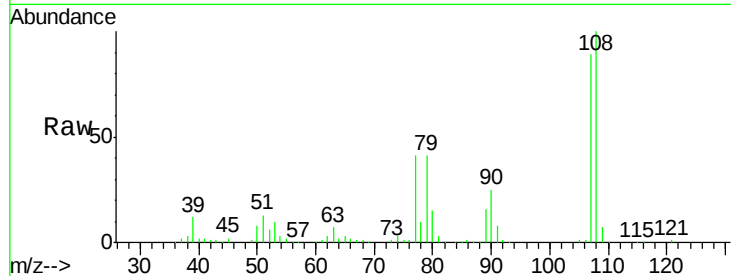




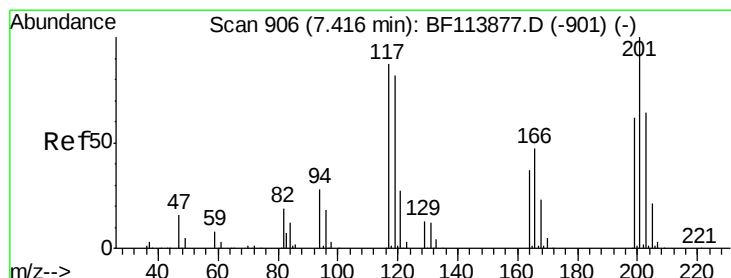
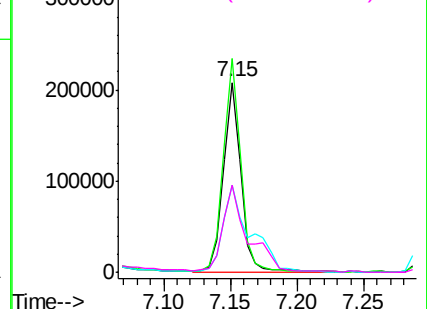
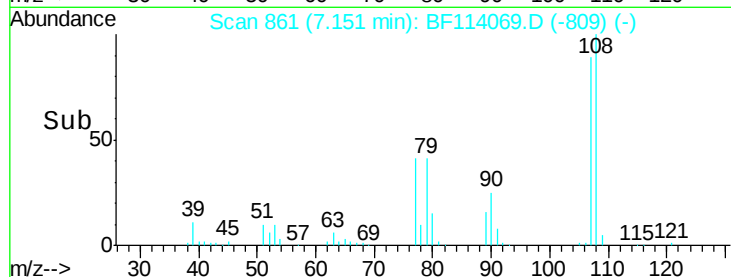
#17
2-Methylphenol
Concen: 35.990 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.5	137.3
77	46.2	36.2	54.4
79	46.2	35.4	53.0

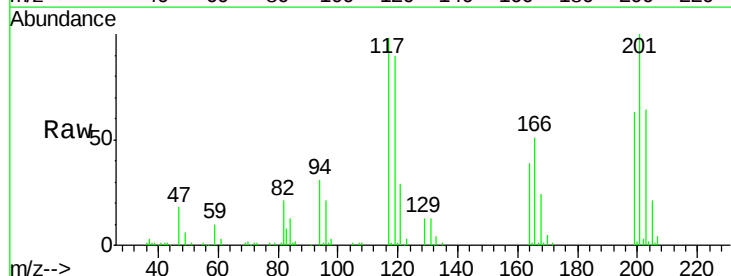


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

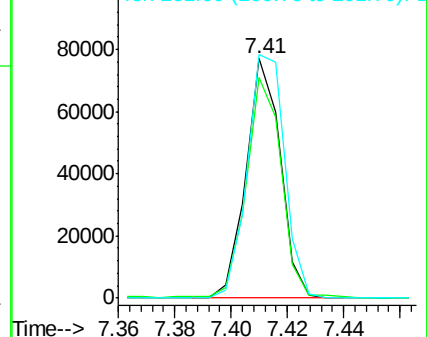
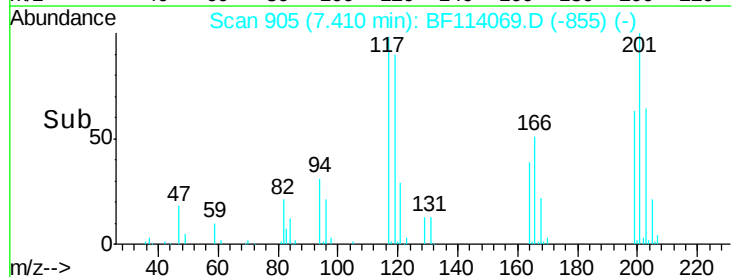


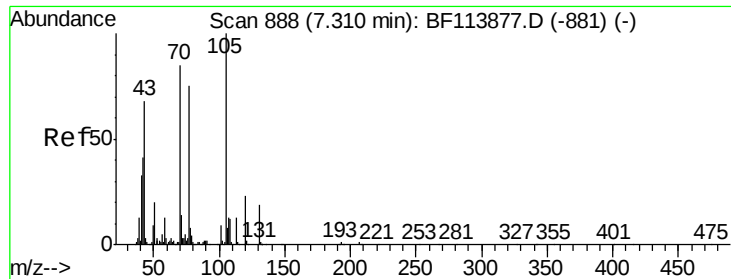
#18
Hexachloroethane
Concen: 26.492 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.4	111.6
201	101.7	90.2	135.2



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

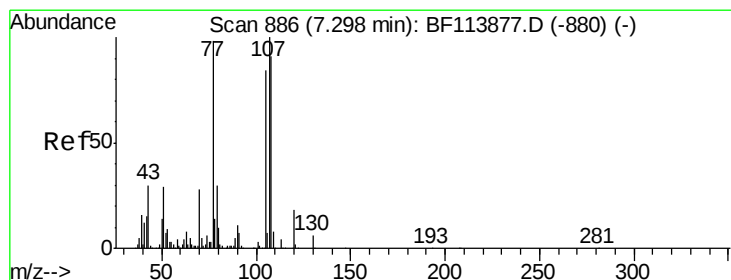
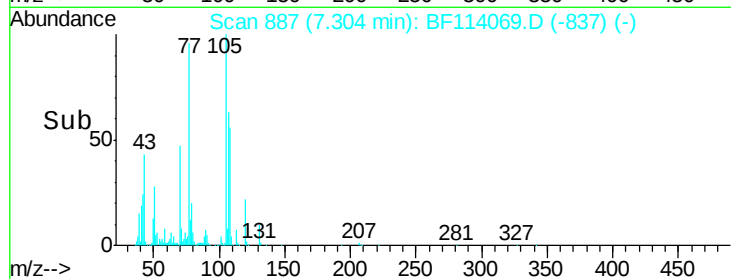
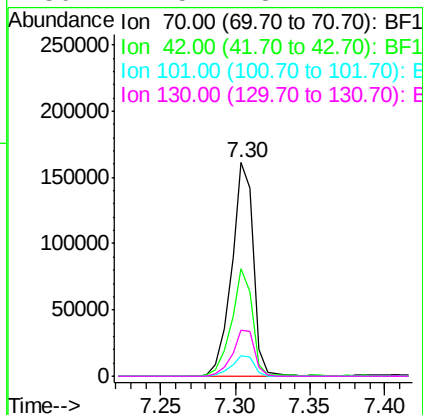
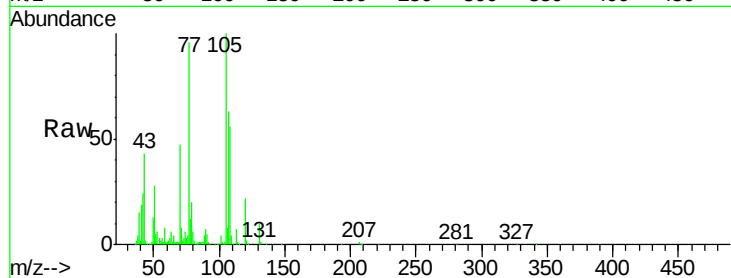




#19
n-Nitroso-di-n-propylamine
Concen: 37.757 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

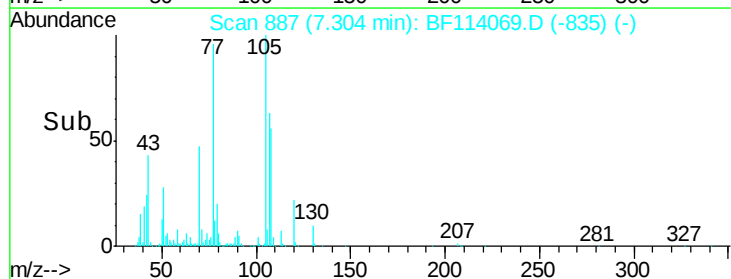
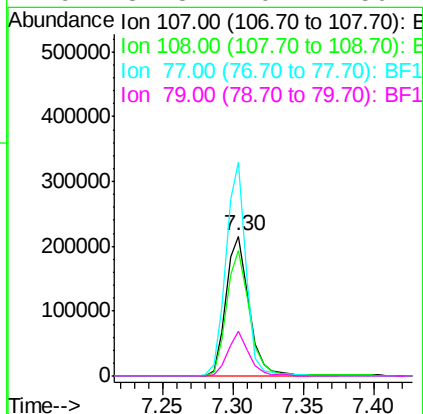
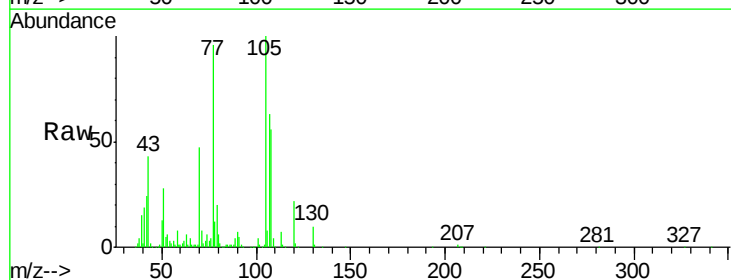
Instrument :
BNA_F
ClientSampleId :

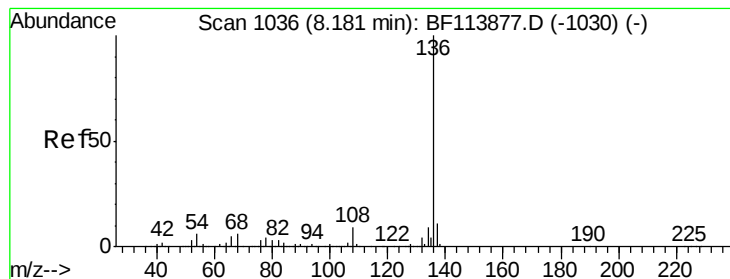
Tot Ion:	70	Resp:	164654
Ion	Ratio	Lower	Upper
70	100		
42	50.2	37.3	55.9
101	9.6	7.8	11.8
130	21.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.015 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:	107	Resp:	242842
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.1	110.1
77	152.7	52.9	92.9#
79	31.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 337895

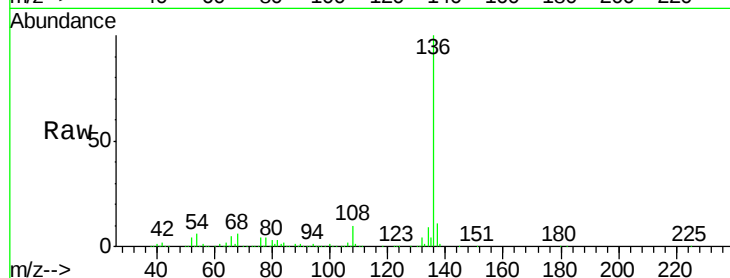
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.2 5.0 7.6

68 6.4 4.9 7.3

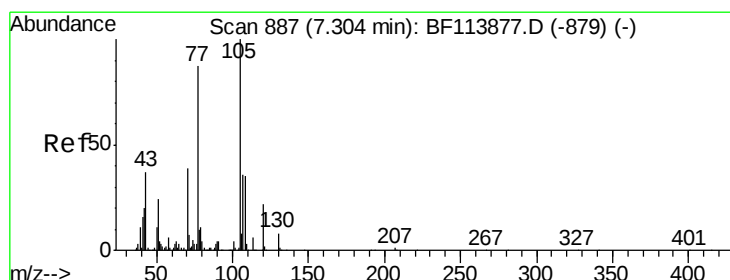
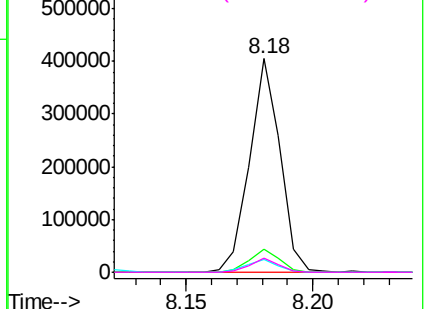
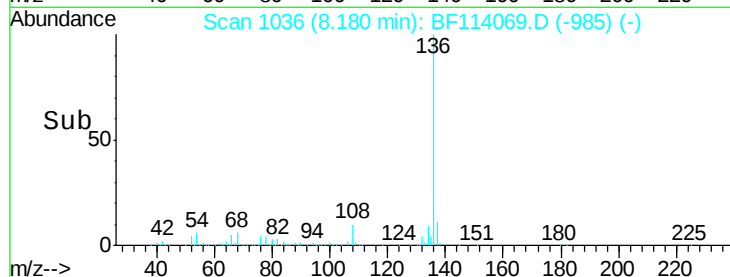


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.724 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Tgt Ion:105 Resp: 328775

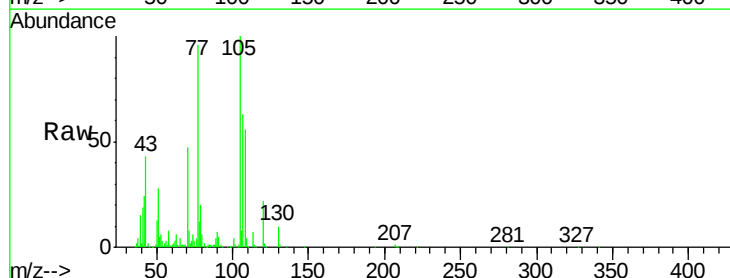
Ion Ratio Lower Upper

105 100

71 8.0 6.1 9.1

51 27.8 16.8 25.2#

120 22.0 17.6 26.4

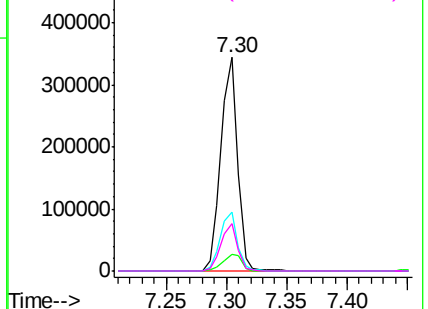
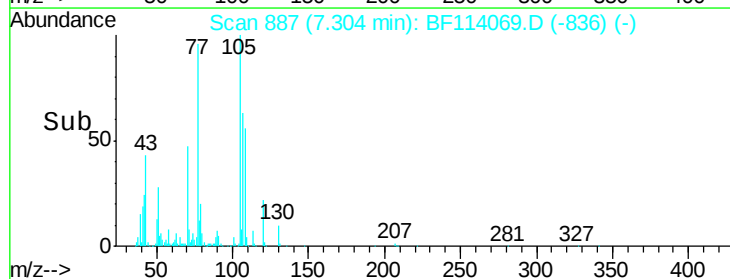


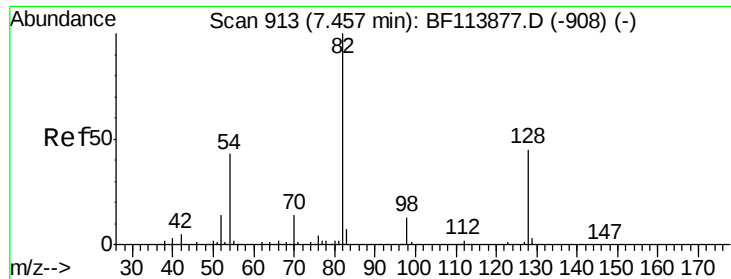
Abundance Ion 105.00 (104.70 to 105.70): E

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

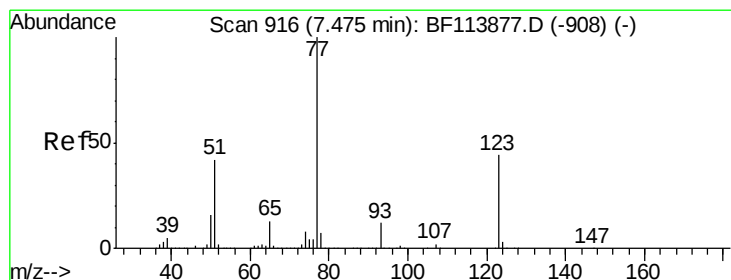
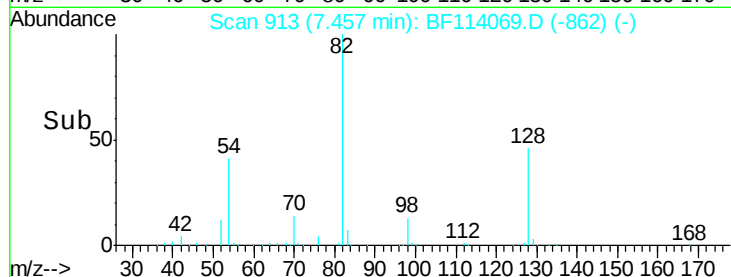
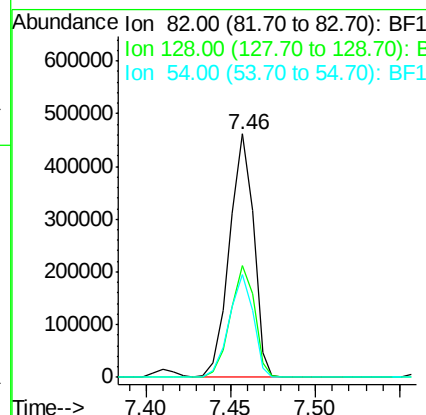
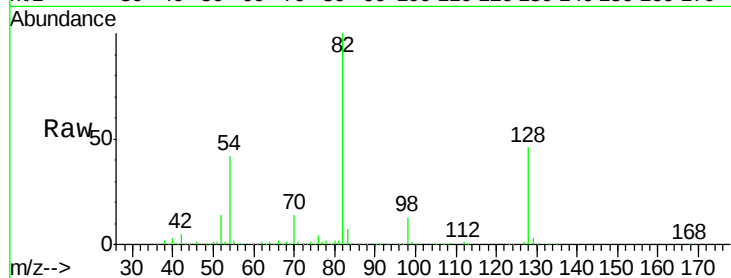




#23
 Nitrobenzene-d5
 Concen: 83.804 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

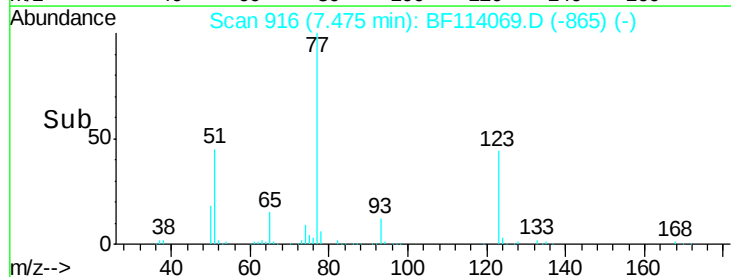
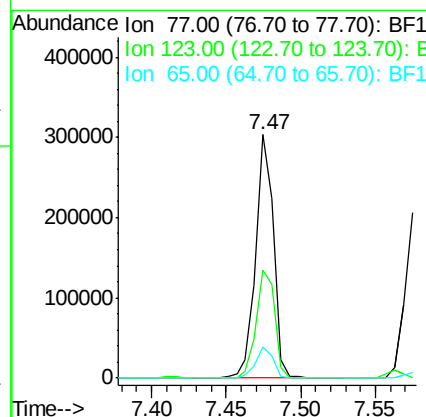
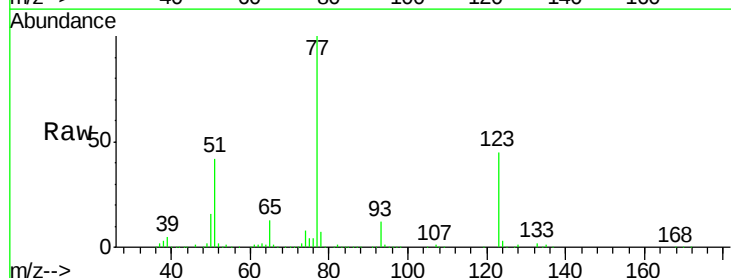
Instrument :
 BNA_F
 ClientSampleId :

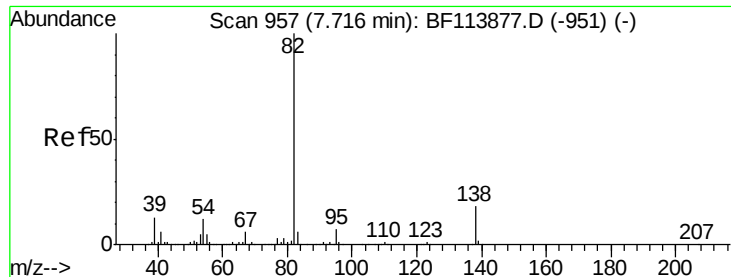
Tot Ion	82	Resp	458619
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.8	55.2
54	42.1	33.8	50.6



#24
 Nitrobenzene
 Concen: 40.828 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion	77	Resp	246885
Ion Ratio	Lower	Upper	
77	100		
123	44.5	36.3	54.5
65	12.9	10.3	15.5





#25

Isophorone

Concen: 40.411 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

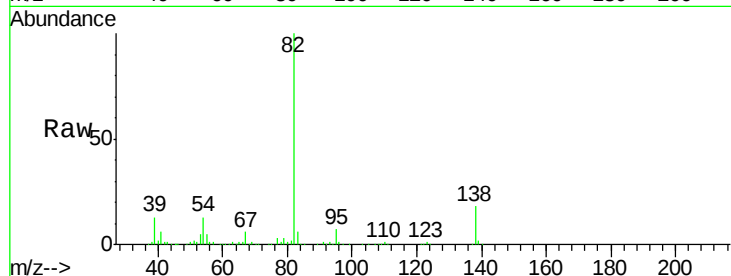
Tot Ion: 82 Resp: 452505

Ion Ratio Lower Upper

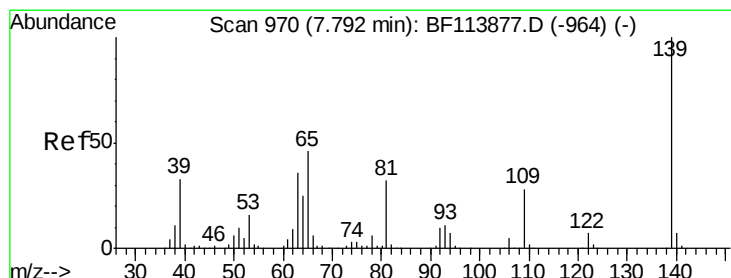
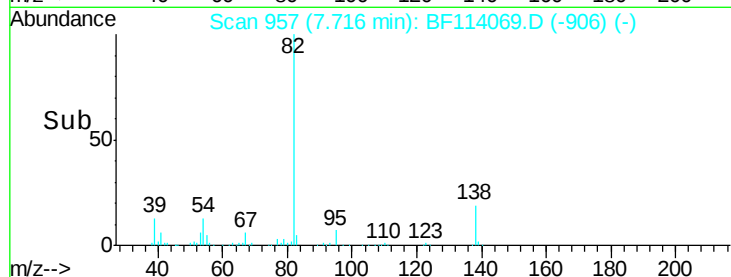
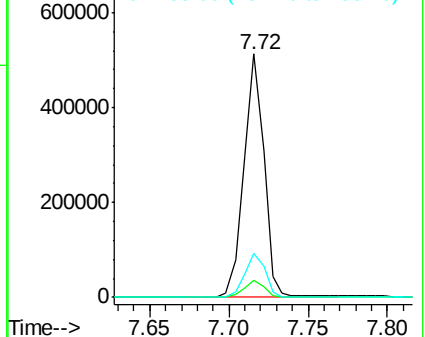
82 100

95 6.9 5.4 8.2

138 18.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.521 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

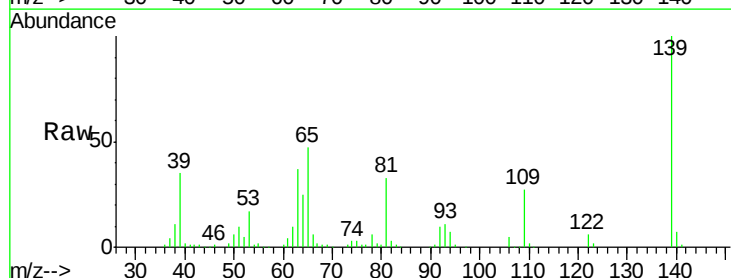
Tgt Ion: 139 Resp: 111783

Ion Ratio Lower Upper

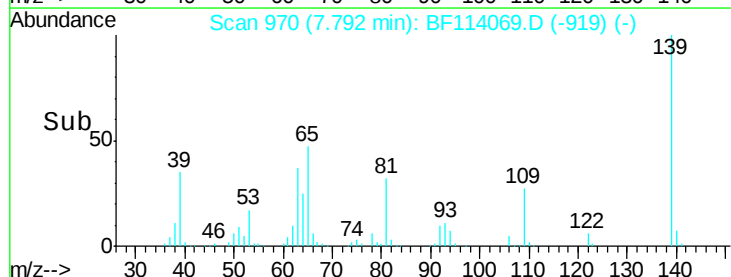
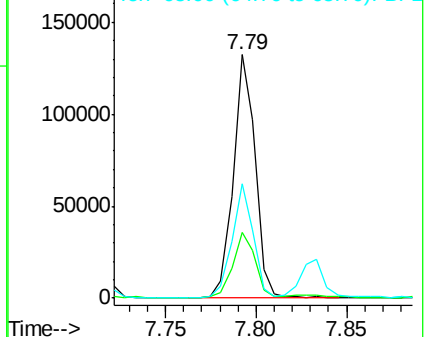
139 100

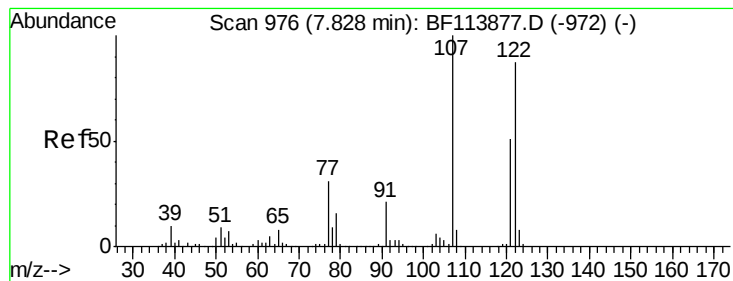
109 27.2 20.6 31.0

65 46.9 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 47.161 ng

RT: 7.83 min Scan# 977

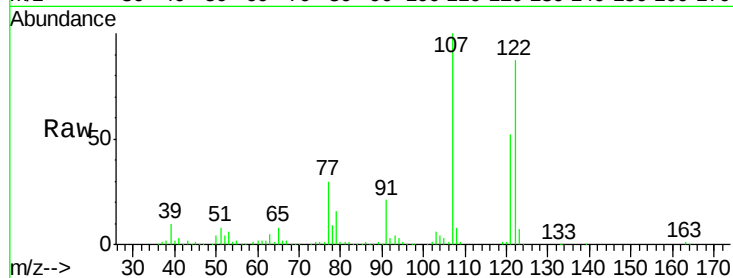
Delta R.T. 0.01 min

Lab File: BF114069.D

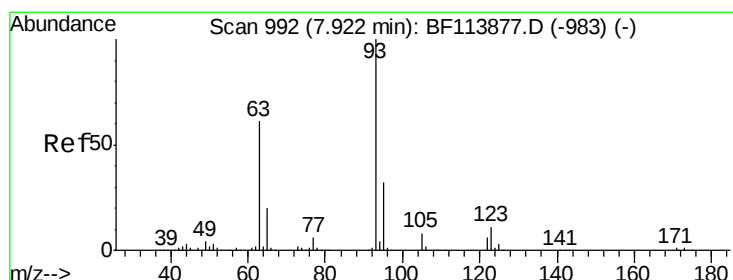
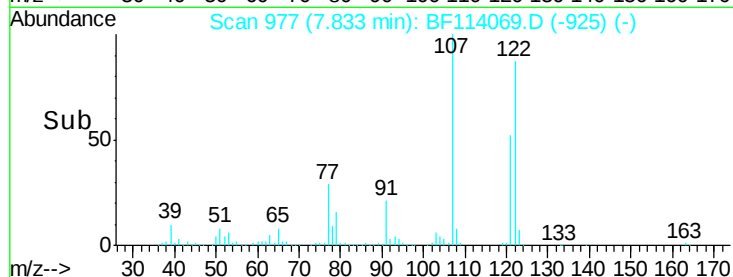
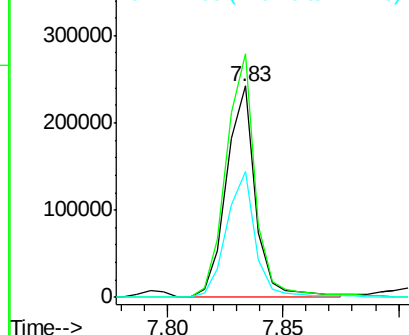
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	122	Resp:	211969
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.2	136.8
121	59.4	46.4	69.6



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



#28

bis(2-Chloroethoxy)methane

Concen: 41.046 ng

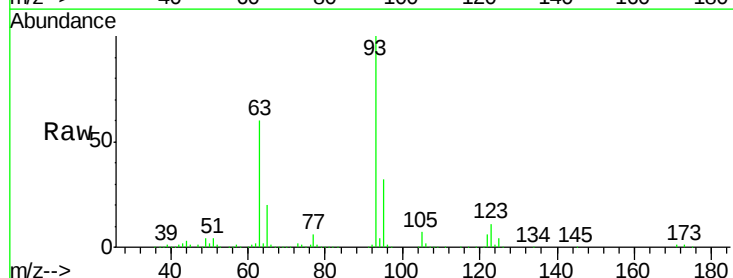
RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

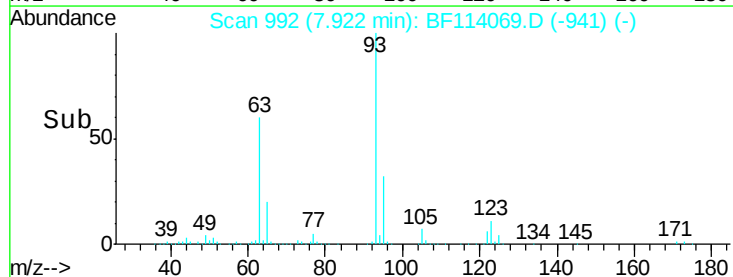
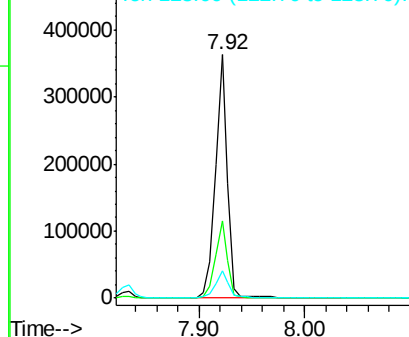
Lab File: BF114069.D

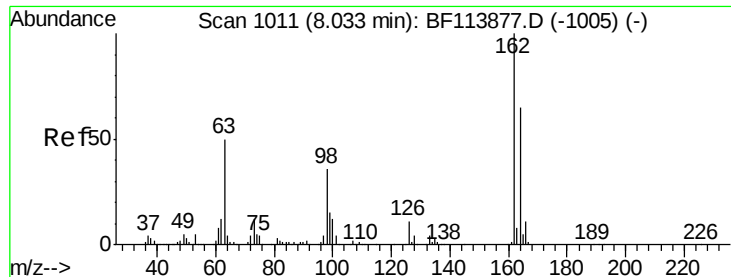
Acq: 1 May 2019 15:14

Tgt Ion:	93	Resp:	292880
Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.5	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

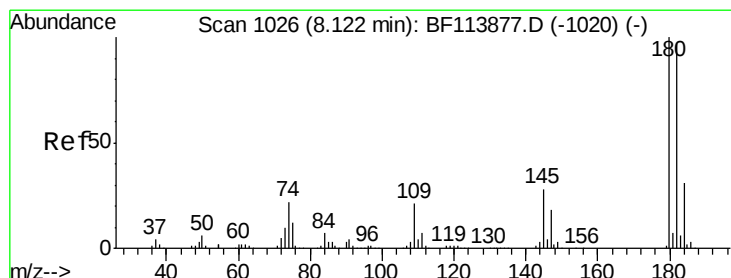
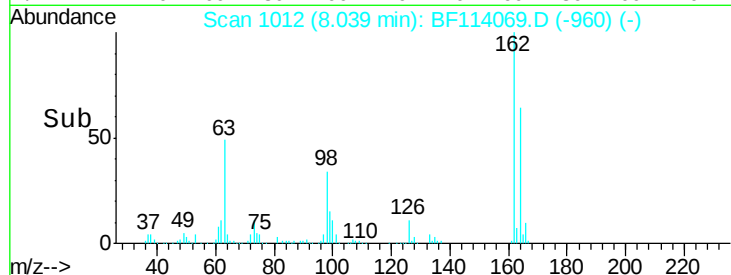
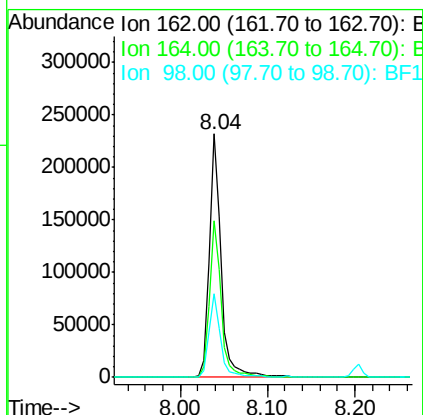
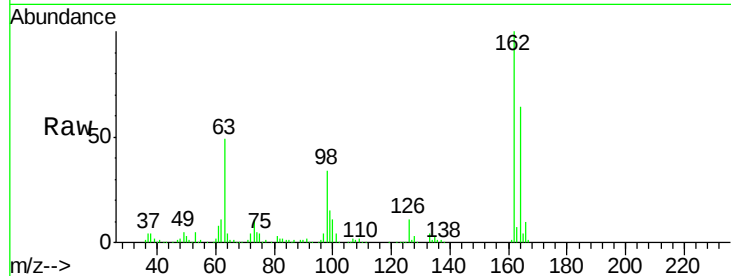




#29
2,4-Dichlorophenol
Concen: 42.476 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

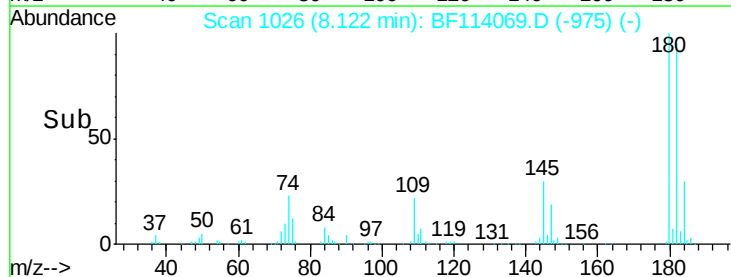
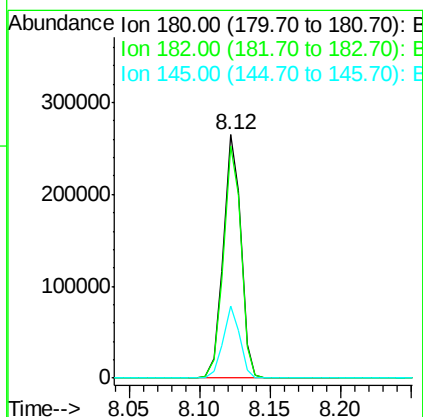
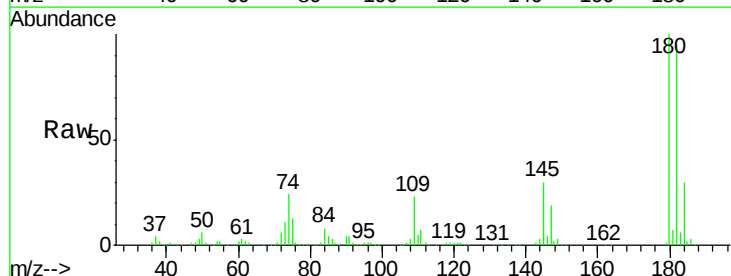
Instrument :
BNA_F
ClientSampleId :

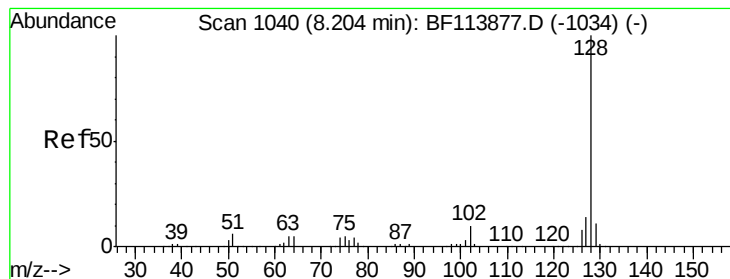
Tot Ion:162 Resp: 218312
Ion Ratio Lower Upper
162 100
164 64.5 43.7 83.7
98 34.4 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.186 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:180 Resp: 230296
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.0
145 29.6 23.0 34.4





#31

Naphthalene

Concen: 42.213 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

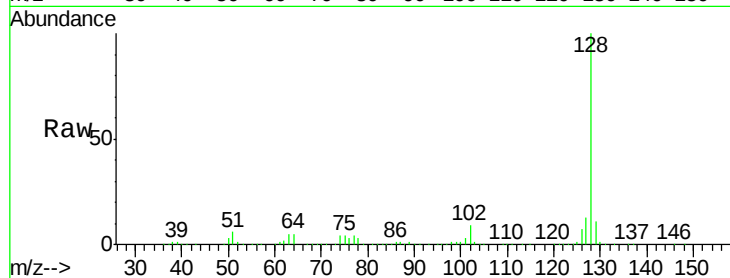
Tot Ion:128 Resp: 677602

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

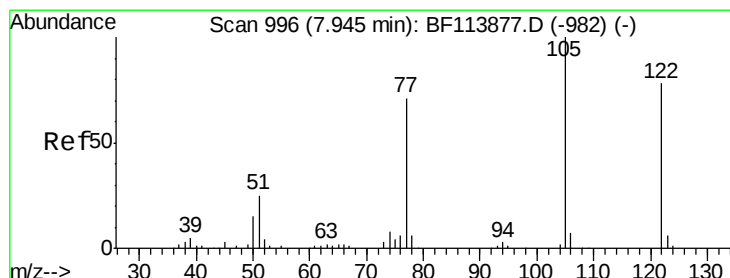
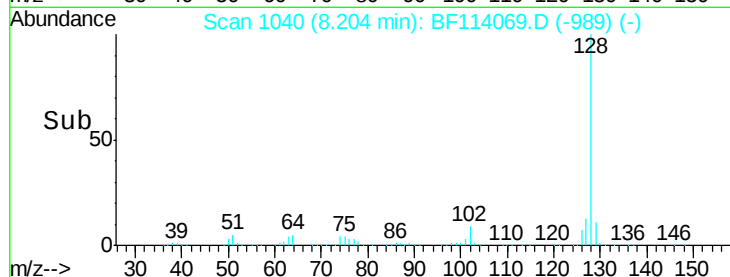
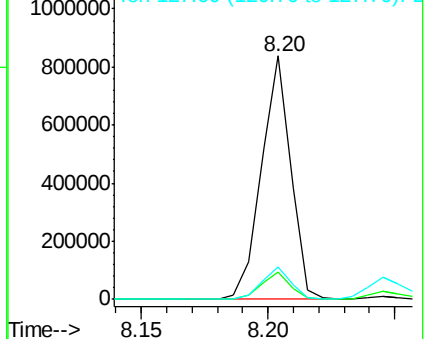
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.516 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

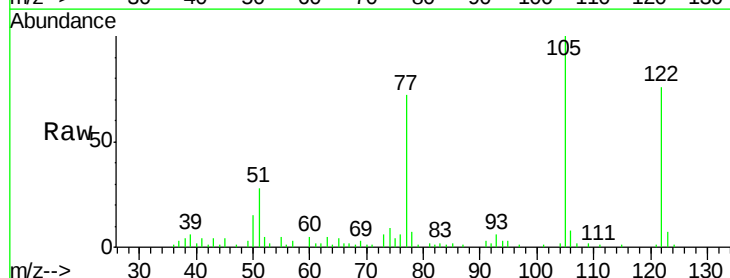
Tgt Ion:122 Resp: 86553

Ion Ratio Lower Upper

122 100

105 130.9 104.3 144.3

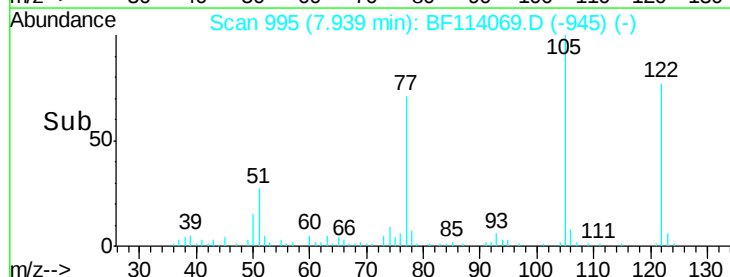
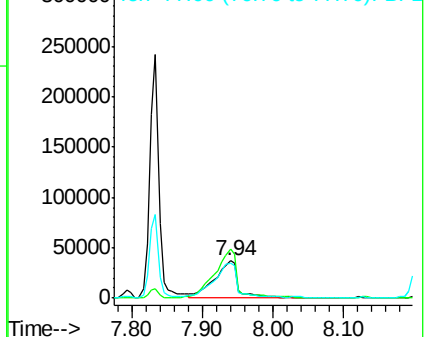
77 94.9 70.4 110.4

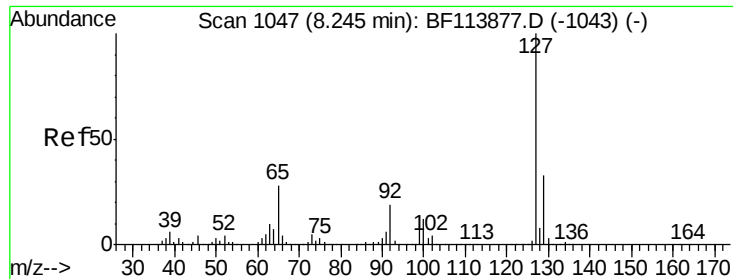


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

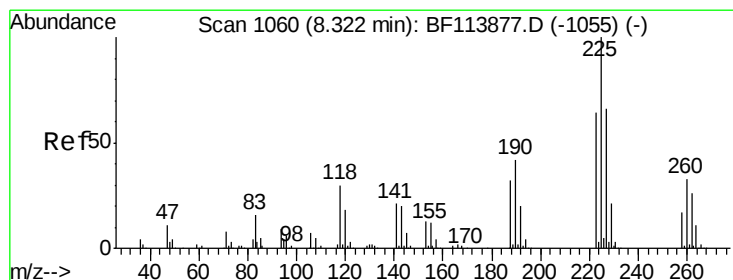
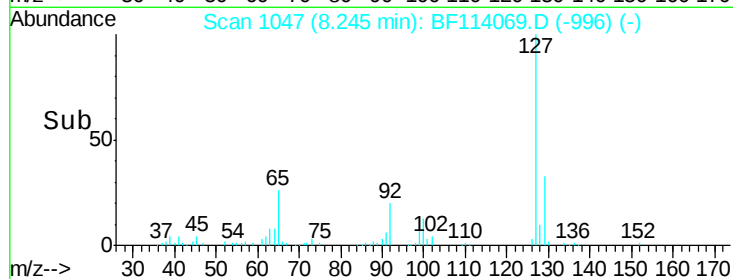
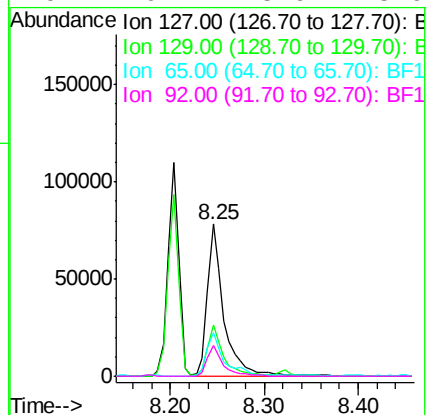
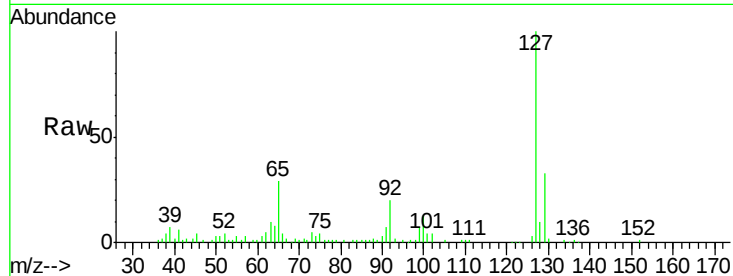




#33
4-Chloroaniline
Concen: 14.311 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

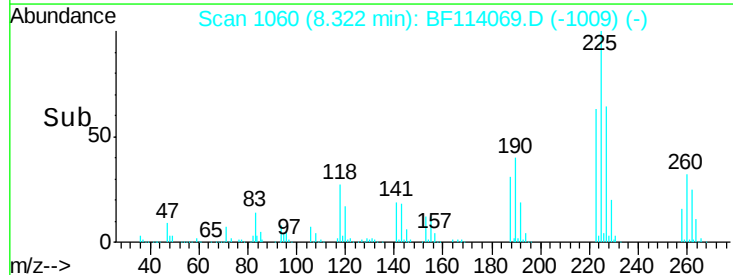
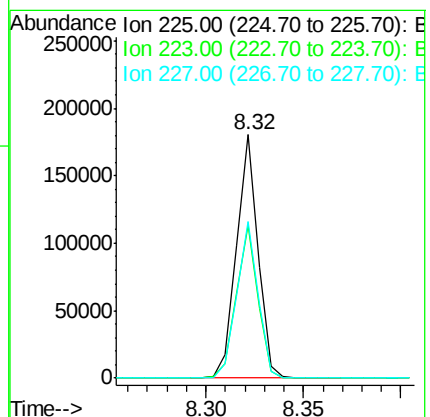
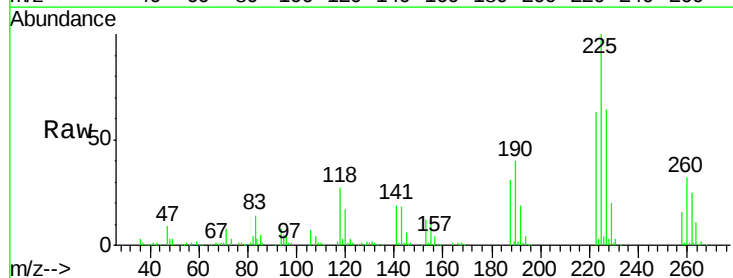
Instrument :
BNA_F
ClientSampleId :

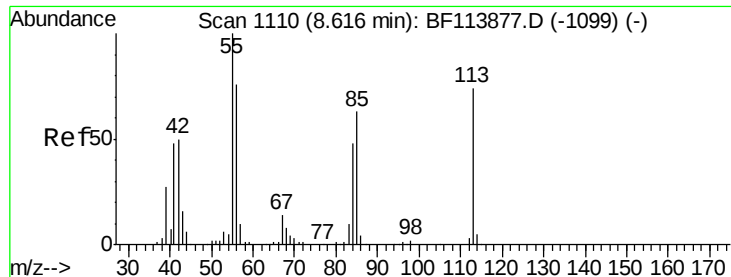
Tot Ion:	127	Resp:	97202
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	28.9	24.9	37.3
92	20.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.448 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:	225	Resp:	137355
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.1	76.7
227	64.2	49.9	74.9

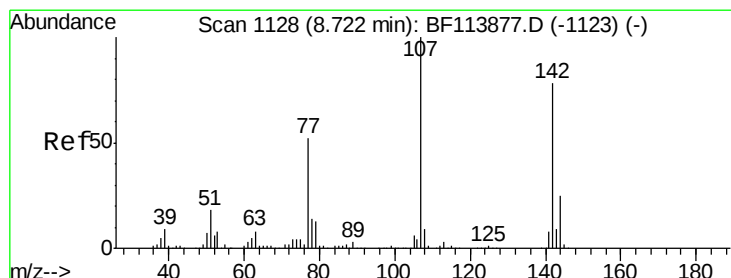
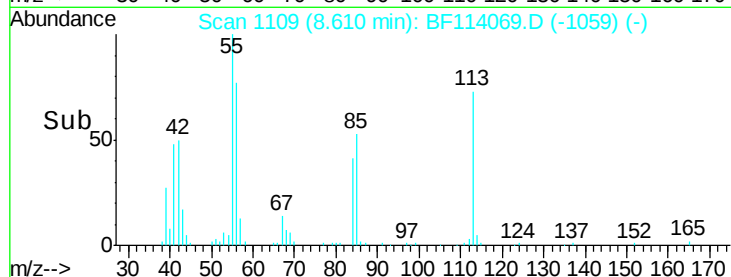
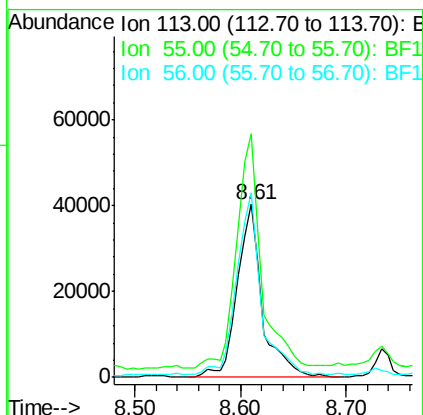
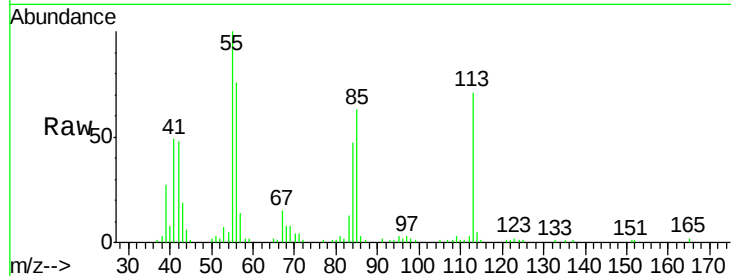




#35
 Caprolactam
 Concen: 40.093 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

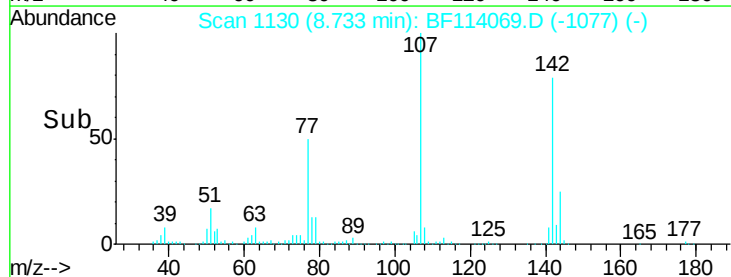
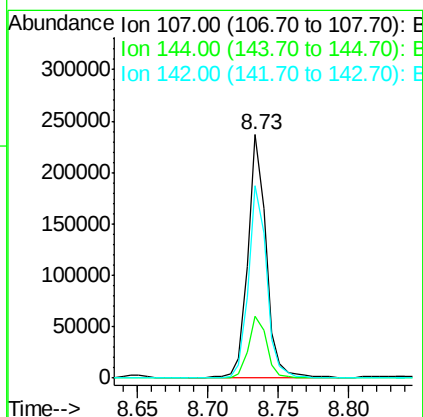
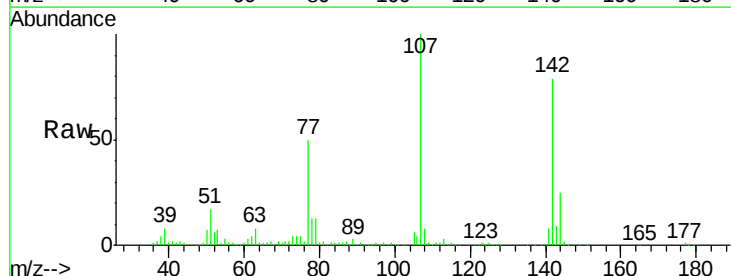
Instrument :
 BNA_F
 ClientSampleId :

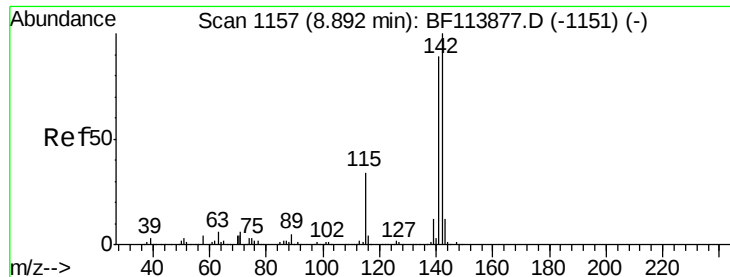
Tot Ion:113 Resp: 65551
 Ion Ratio Lower Upper
 113 100
 55 141.1 128.6 168.6
 56 106.8 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.945 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion:107 Resp: 213583
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 78.8 64.2 96.4

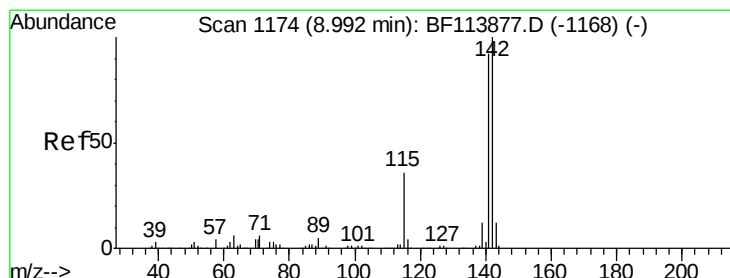
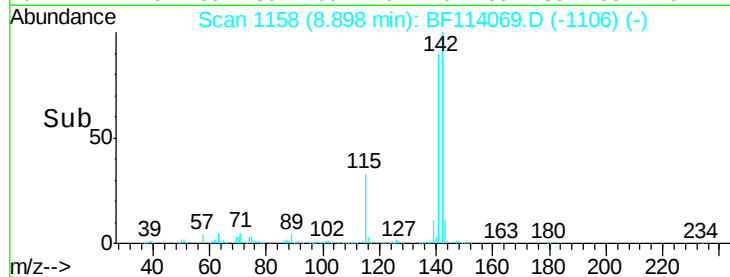
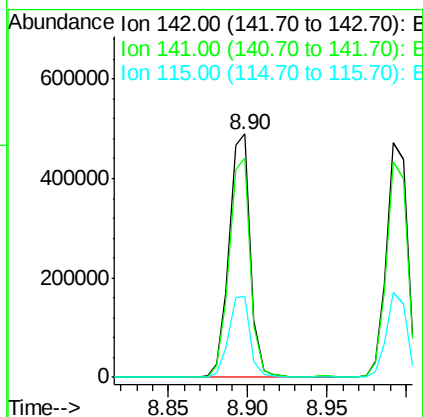
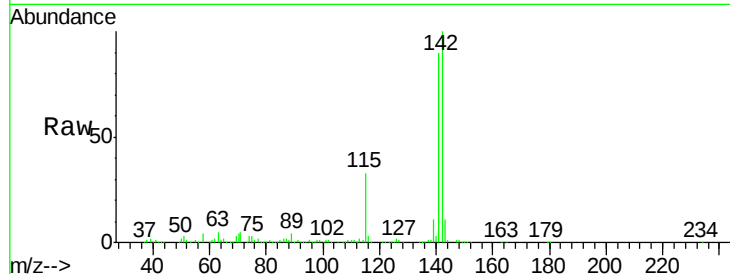




#37
2-Methylnaphthalene
Concen: 42.332 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

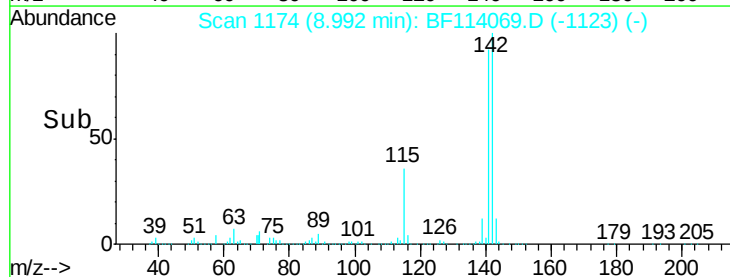
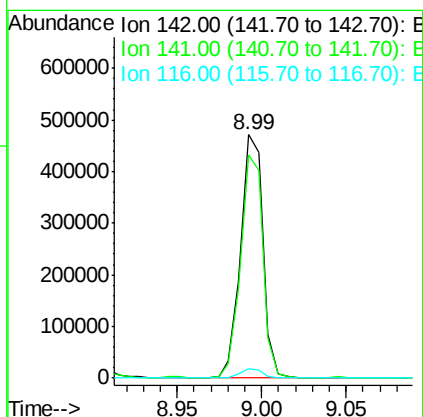
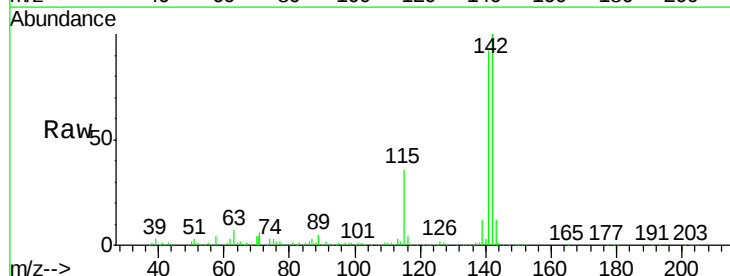
Instrument :
BNA_F
ClientSampleId :

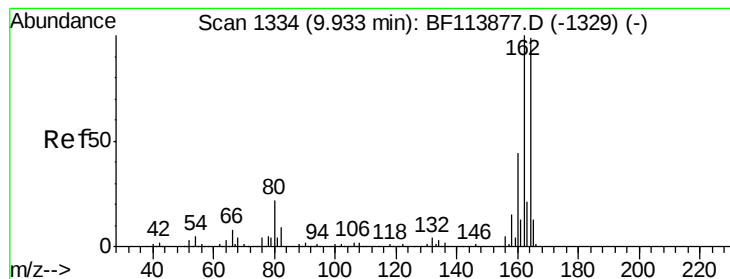
Tot Ion:142 Resp: 458217
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 33.1 26.3 39.5



#38
1-Methylnaphthalene
Concen: 41.539 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:142 Resp: 433979
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

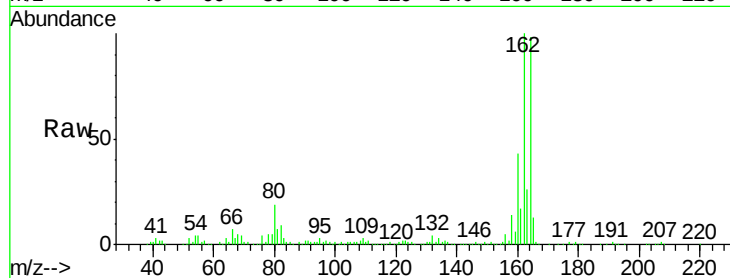
Tot Ion:164 Resp: 172738

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

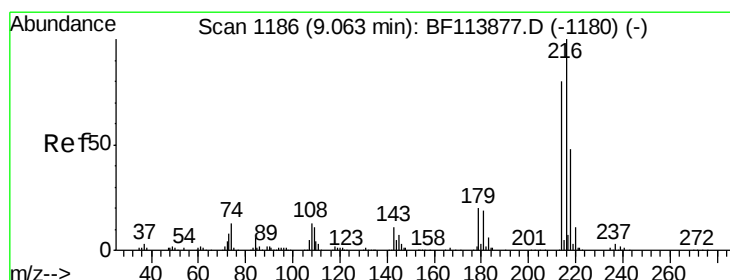
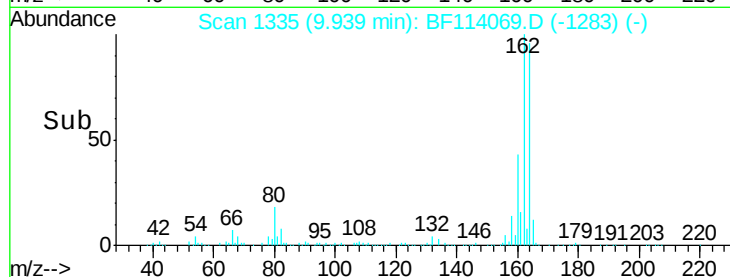
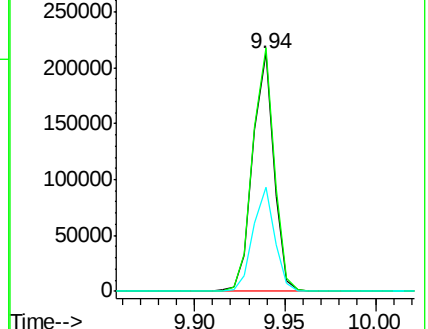
160 43.6 35.8 53.6



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: 42.123 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Tgt Ion:216 Resp: 236358

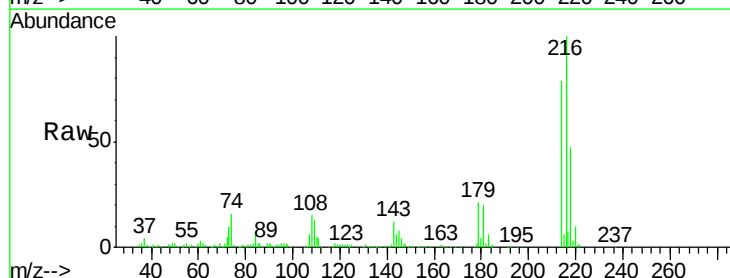
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 20.3 16.1 24.1

108 15.0 13.4 20.0

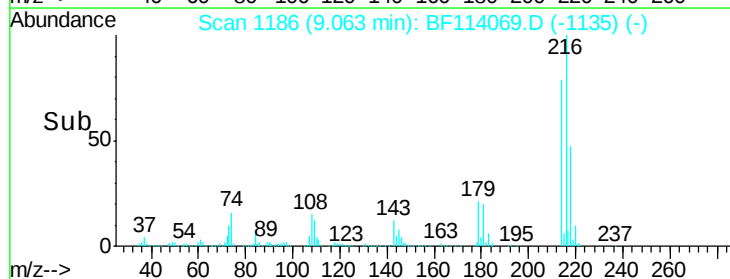
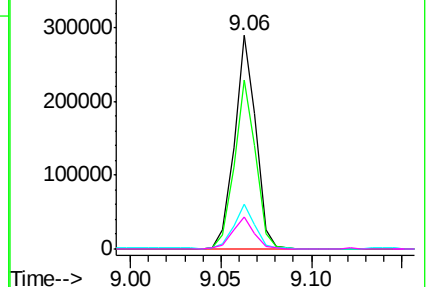


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.081 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

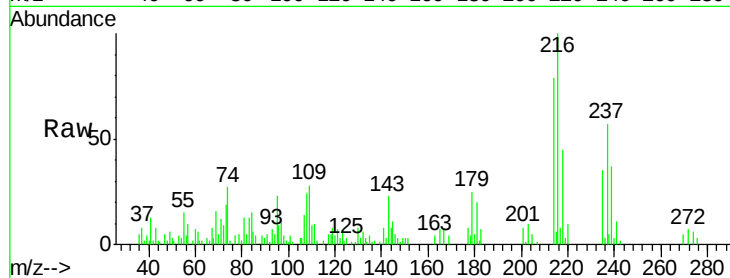
Tot Ion:237 Resp: 12768

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

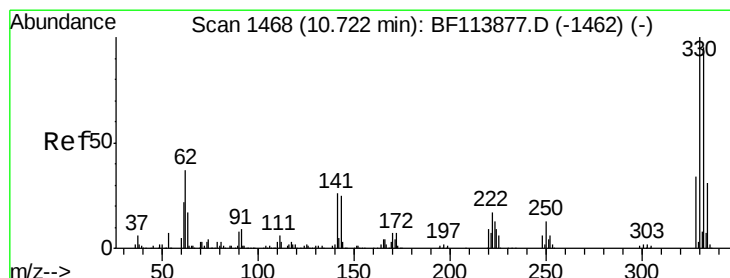
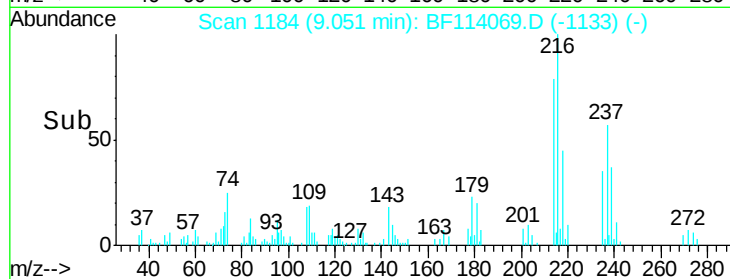
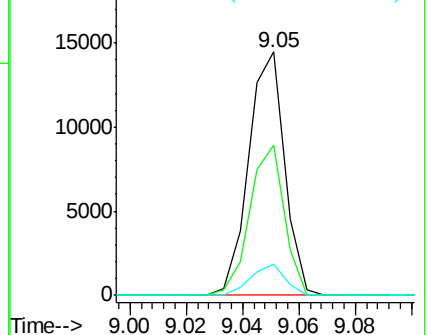
272 12.6 0.0 33.8



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: 110.709 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

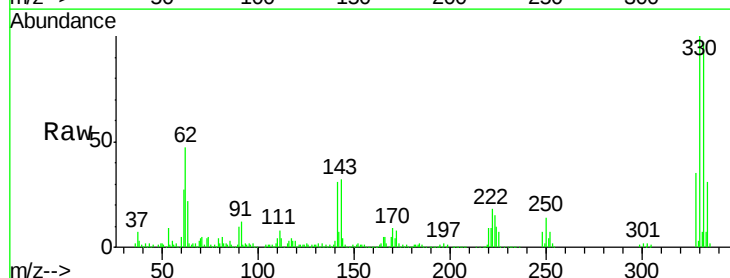
Tgt Ion:330 Resp: 232965

Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

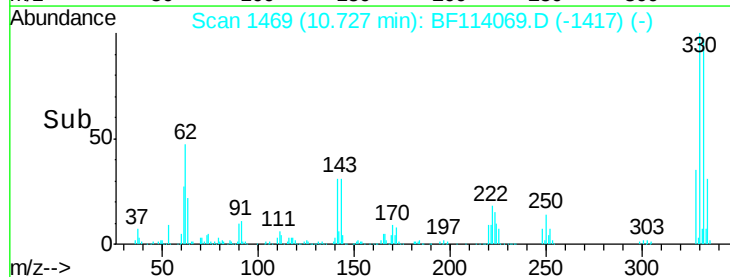
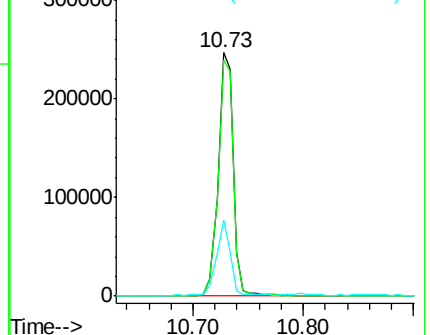
141 28.1 22.2 33.2

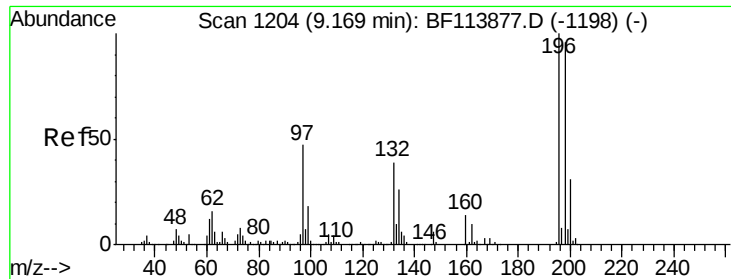


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

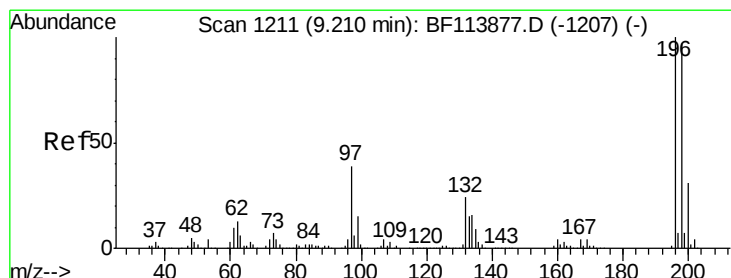
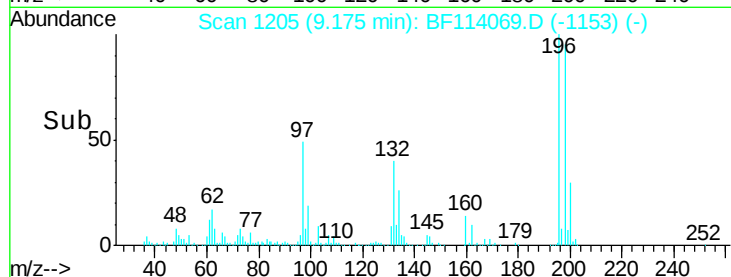
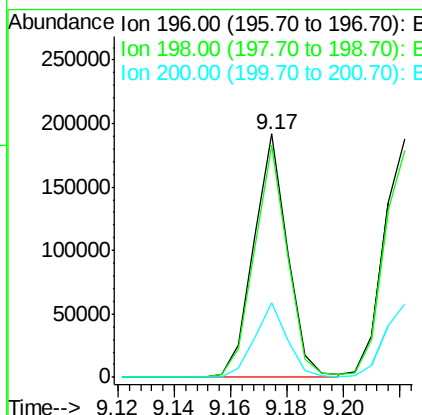
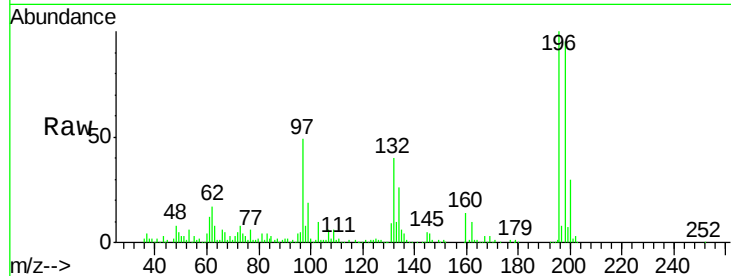




#43
 2,4,6-Trichlorophenol
 Concen: 44.814 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

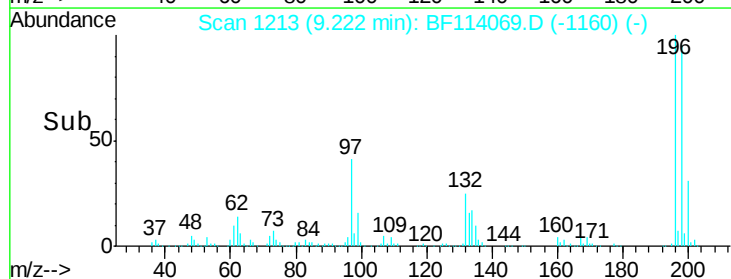
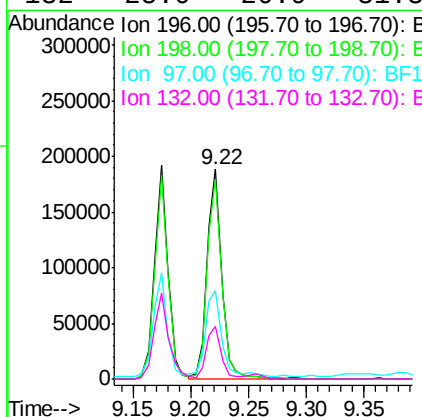
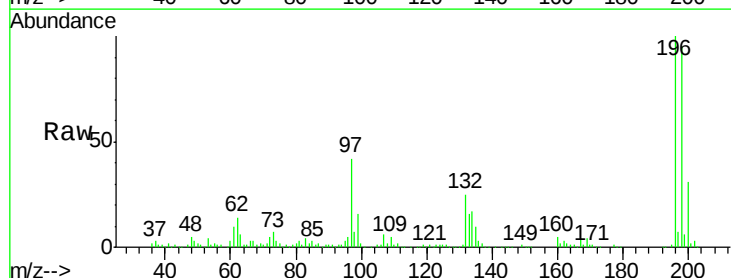
Instrument :
 BNA_F
 ClientSampled :

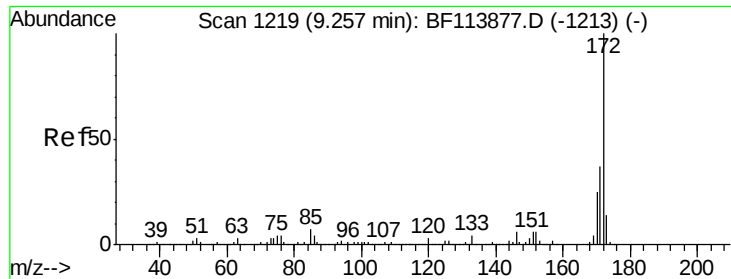
Tot Ion:196 Resp: 159674
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.6 113.4
 200 30.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.013 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion:196 Resp: 167902
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 41.9 35.8 53.8
 132 25.0 20.9 31.3

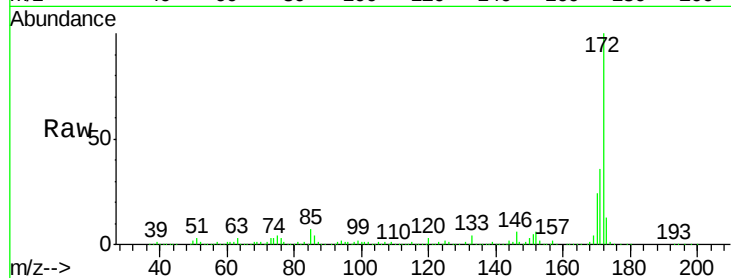




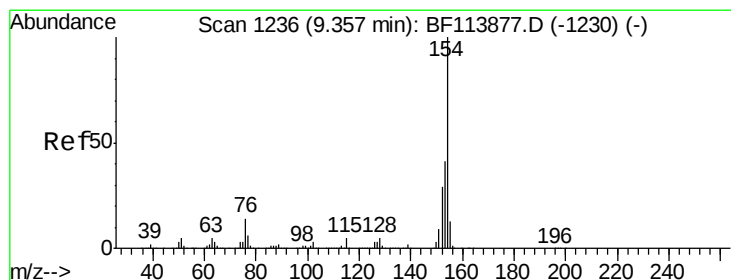
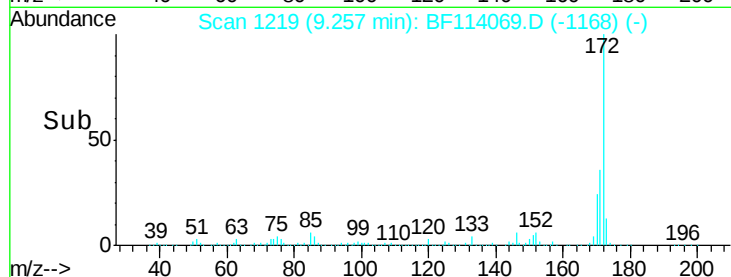
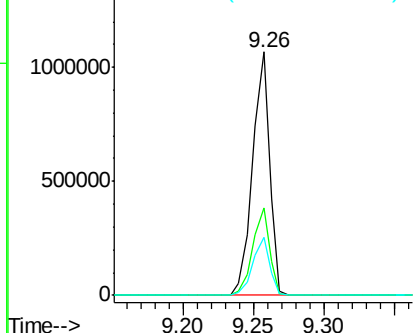
#45
2-Fluorobiphenyl
Concen: 82.511 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	19.9	29.9

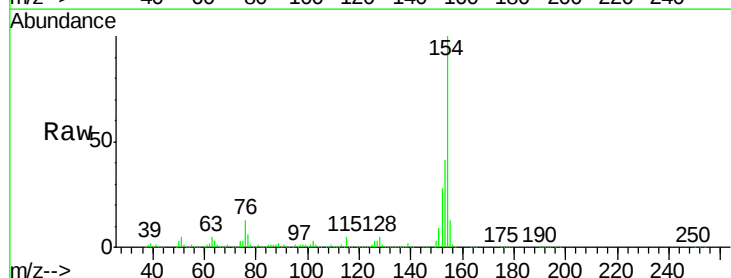


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

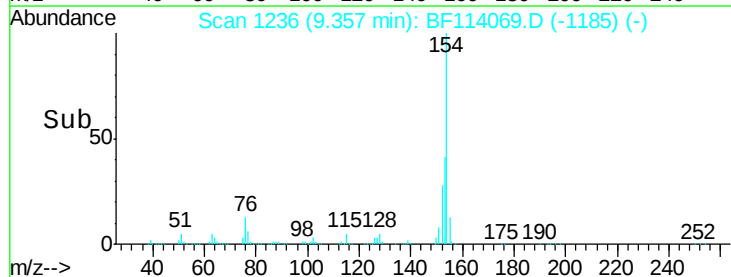
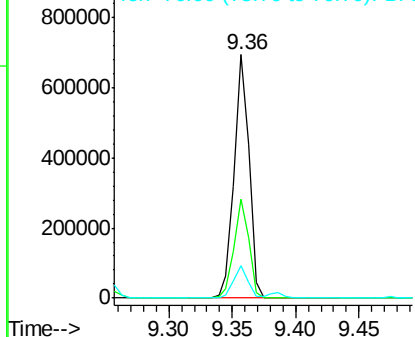


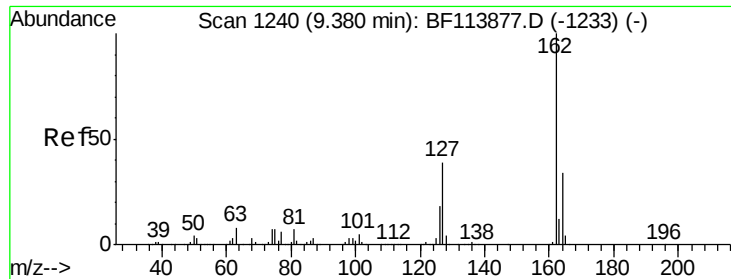
#46
1,1'-Biphenyl
Concen: 42.282 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.3	0.0	35.2



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

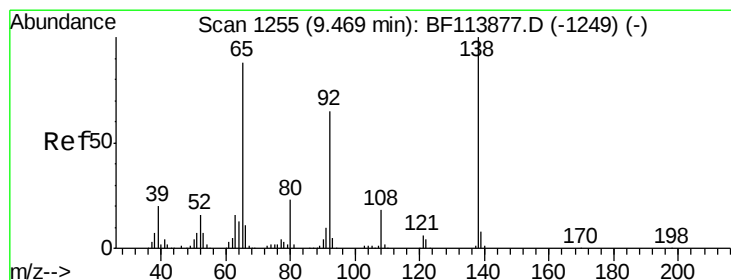
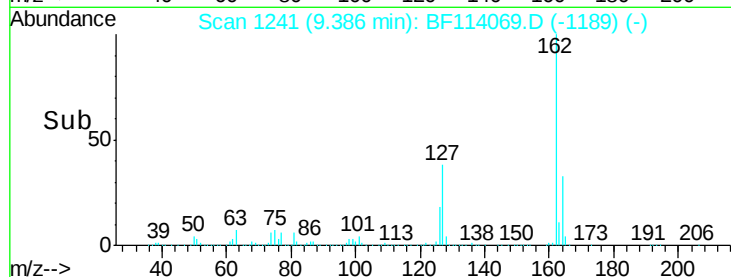
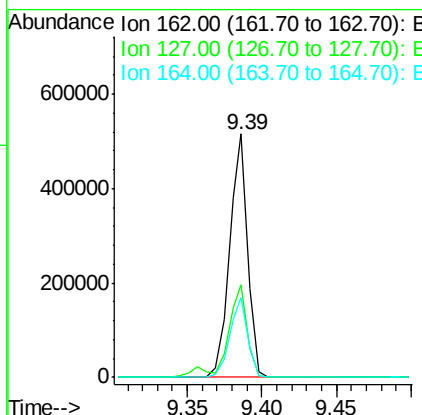
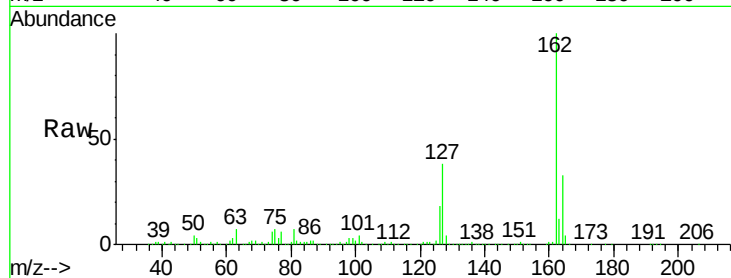




#47
 2-Chloronaphthalene
 Concen: 41.056 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

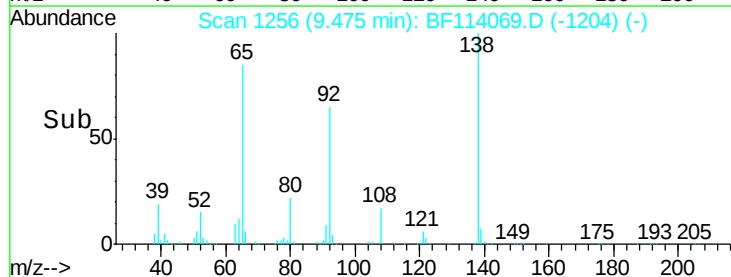
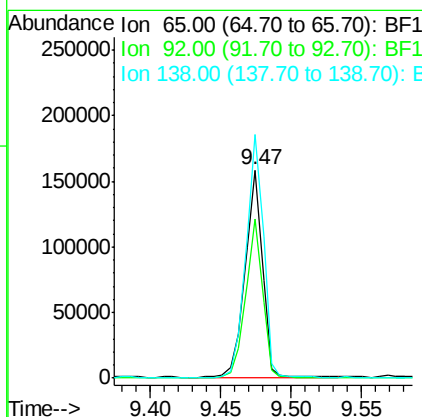
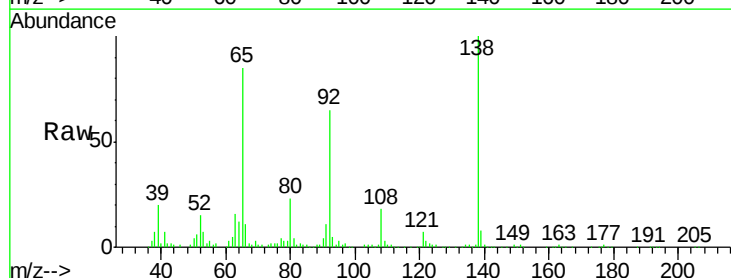
Instrument :
 BNA_F
 ClientSampleId :

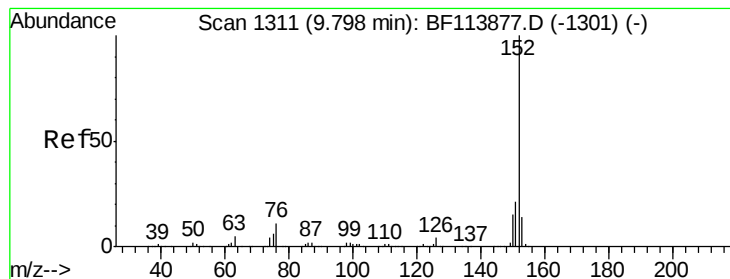
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	29.3	43.9
164	32.8	27.1	40.7



#48
 2-Nitroaniline
 Concen: 48.016 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	57.4	86.0
138	117.1	85.4	128.0





#49

Acenaphthylene

Concen: 39.427 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

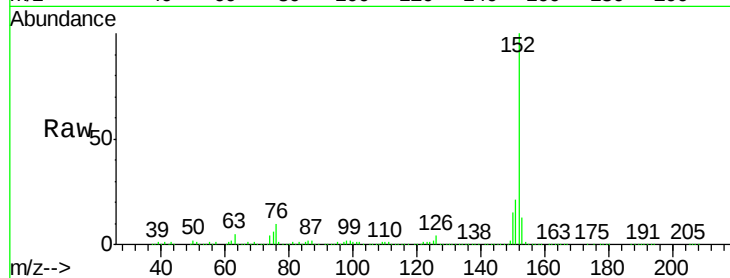
Tot Ion:152 Resp: 662369

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

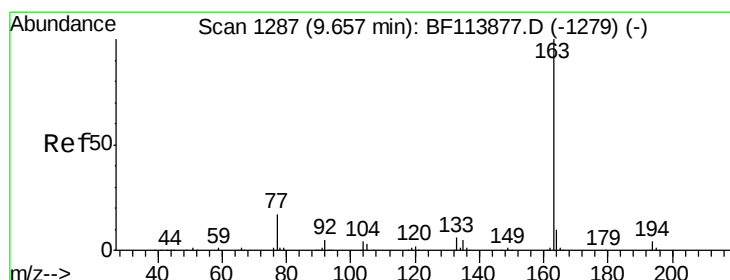
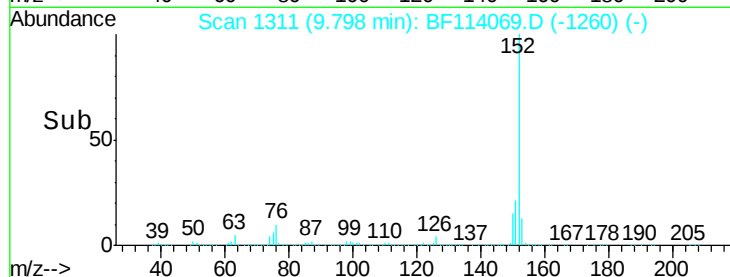
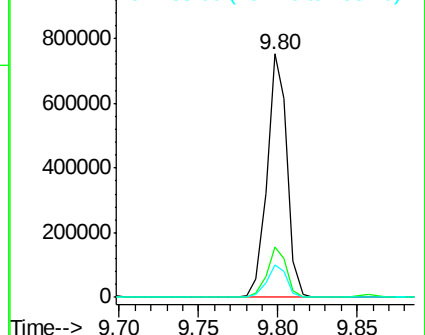
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.587 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

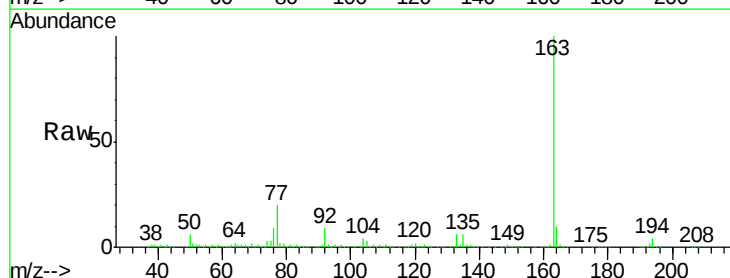
Tgt Ion:163 Resp: 644456

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

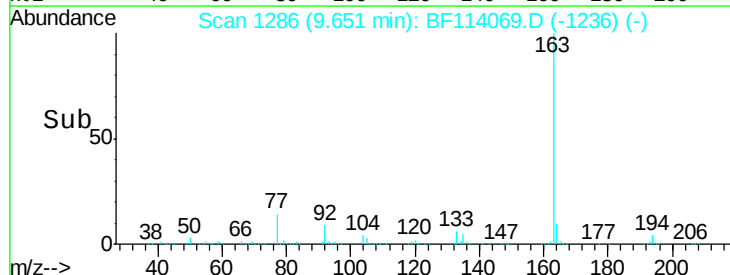
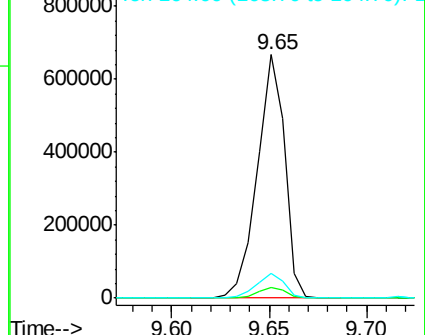
164 10.1 8.5 12.7

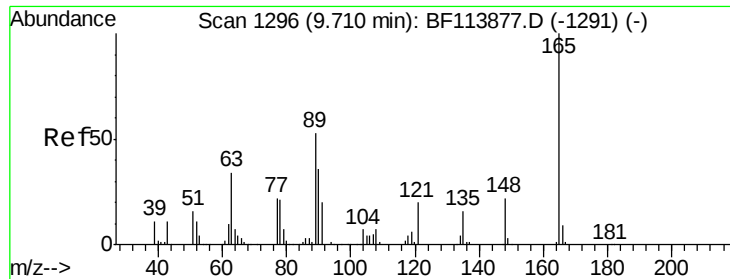


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

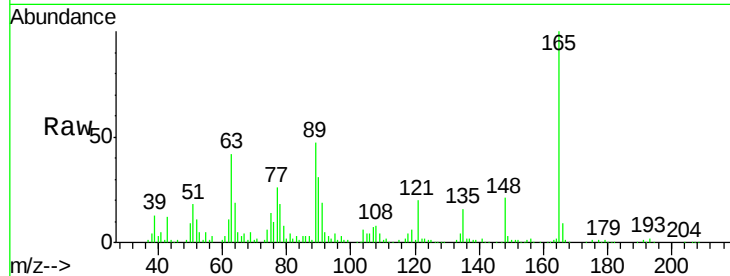




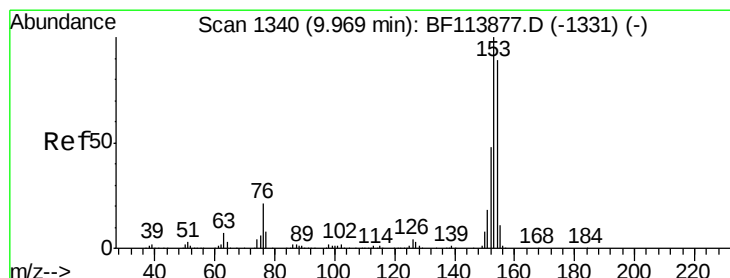
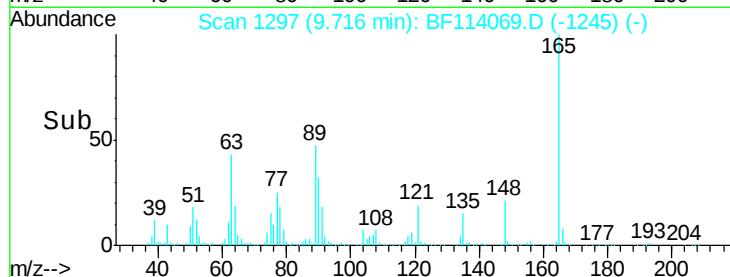
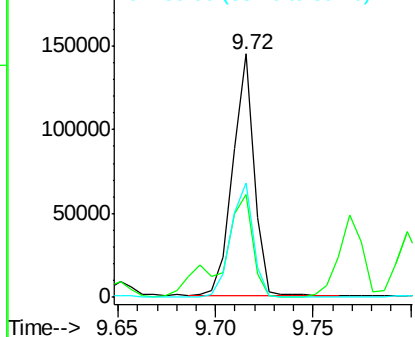
#51
 2,6-Dinitrotoluene
 Concen: 40.725 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.8	50.8
89	46.8	38.2	57.2

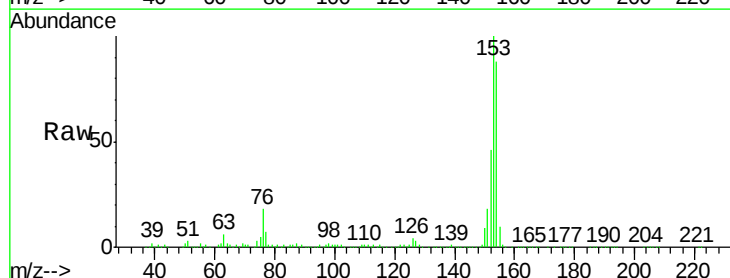


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

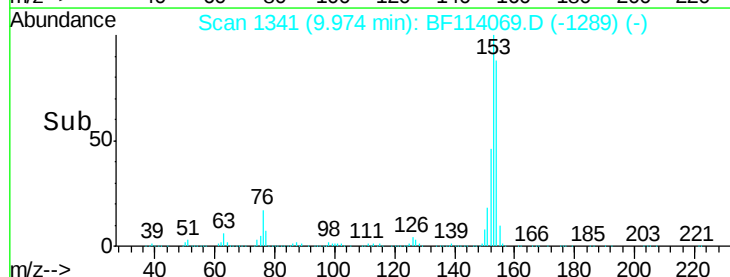
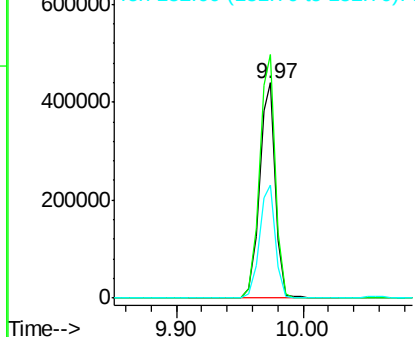


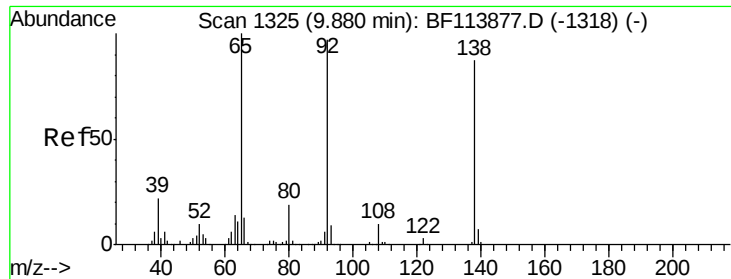
#52
 Acenaphthene
 Concen: 39.414 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	87.2	130.8
152	52.6	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

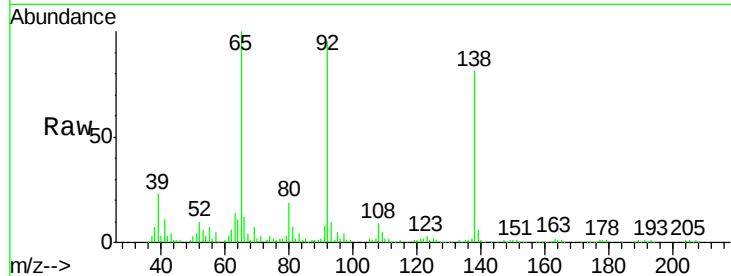




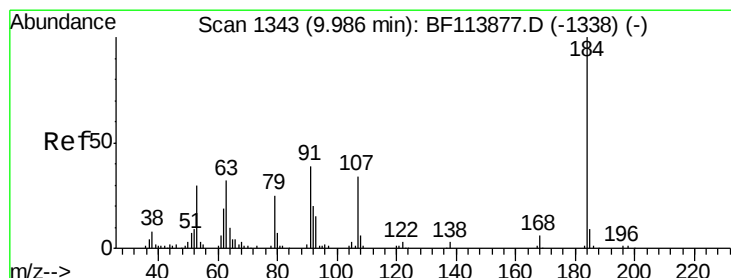
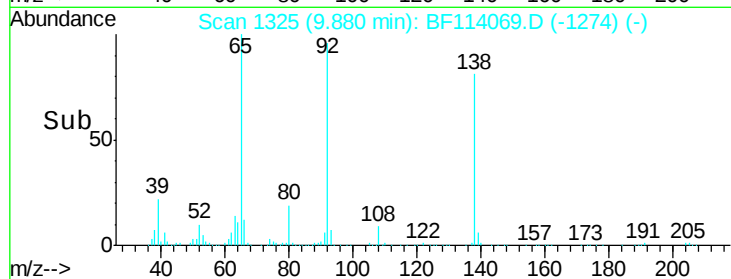
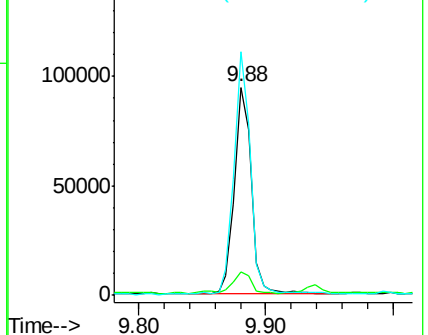
#53
3-Nitroaniline
Concen: 31.009 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 87333
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.2
92 117.1 94.1 141.1

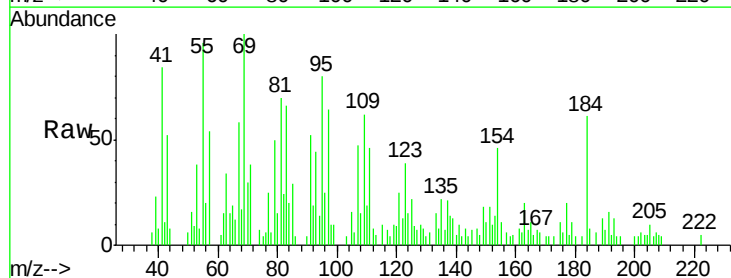


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

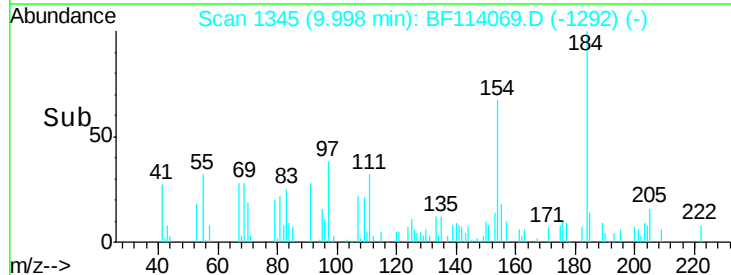
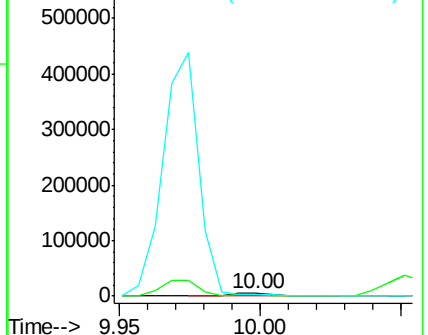


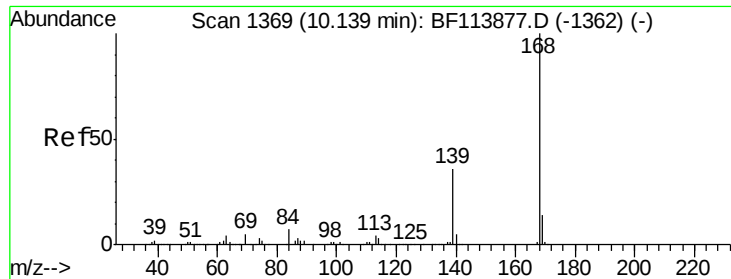
#54
2,4-Dinitrophenol
Concen: 12.343 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:184 Resp: 5207
Ion Ratio Lower Upper
184 100
63 55.5 54.6 81.8
154 74.3 218.6 328.0#



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

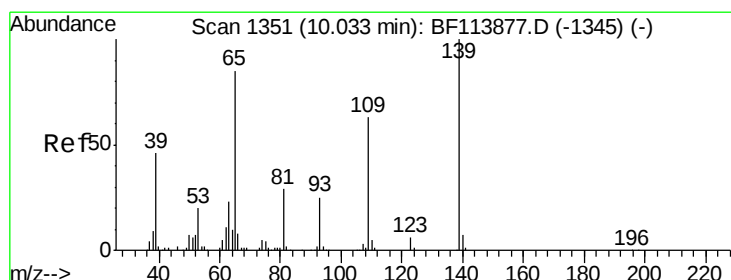
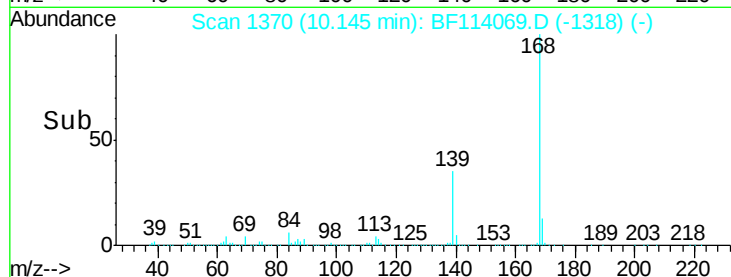
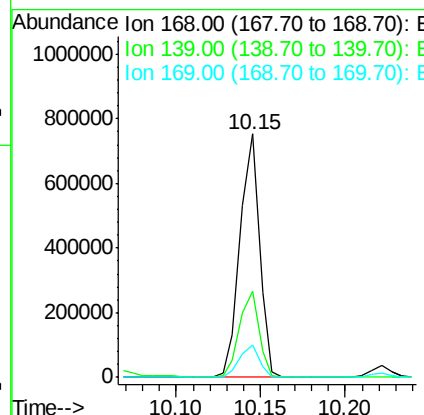
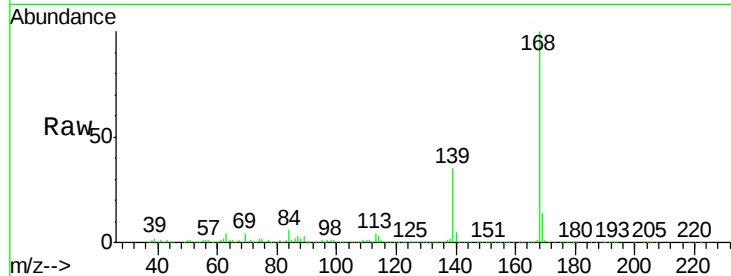




#55
Dibenzofuran
Concen: 40.835 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

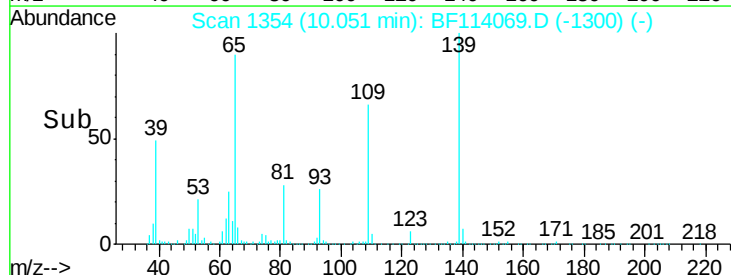
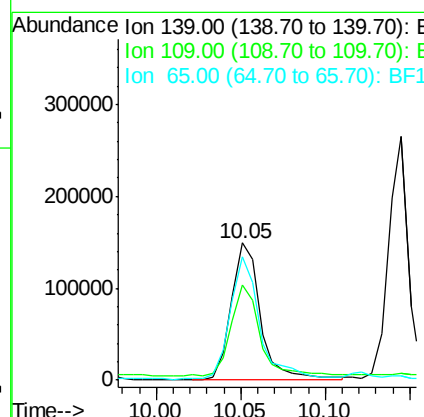
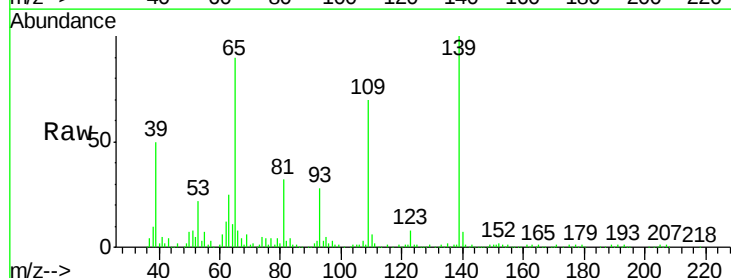
Instrument :
BNA_F
ClientSampled :

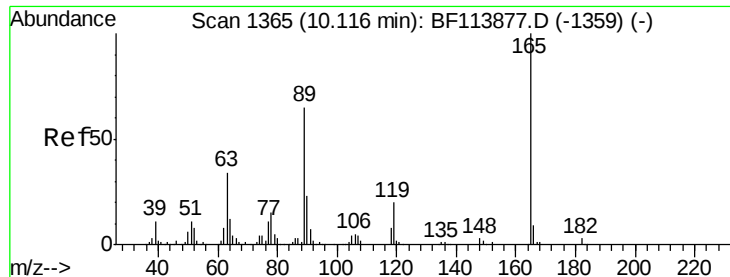
Tot Ion:168 Resp: 607294
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.6
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 79.628 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:139 Resp: 177564
Ion Ratio Lower Upper
139 100
109 69.7 42.9 82.9
65 90.2 64.4 104.4

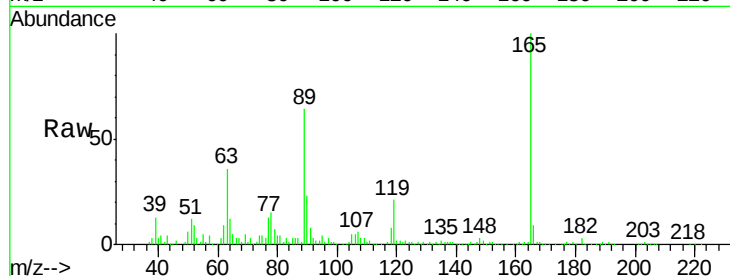




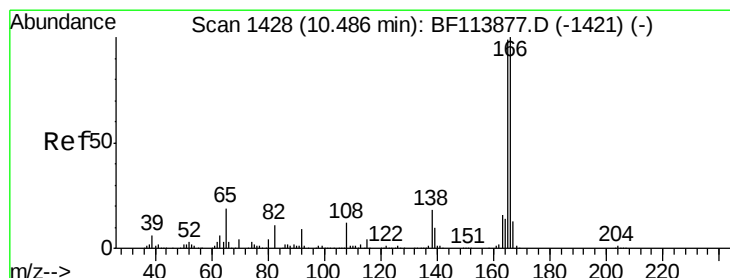
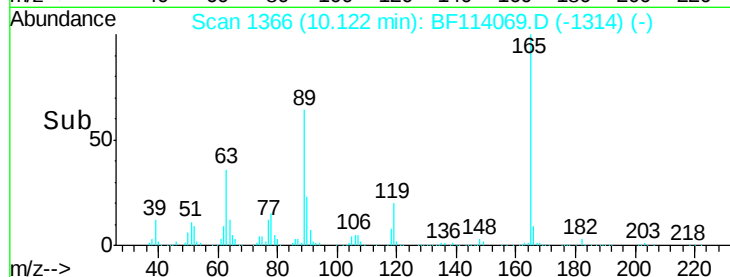
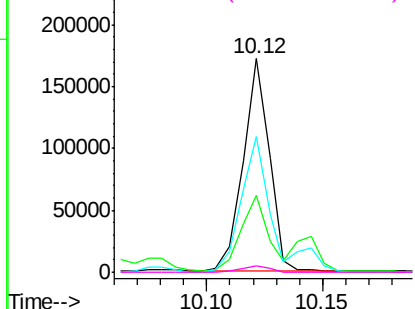
#57
 2,4-Dinitrotoluene
 Concen: 40.056 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 135506
 Ion Ratio Lower Upper
 165 100
 63 35.9 27.4 41.0
 89 63.8 51.8 77.6
 182 2.7 2.2 3.2

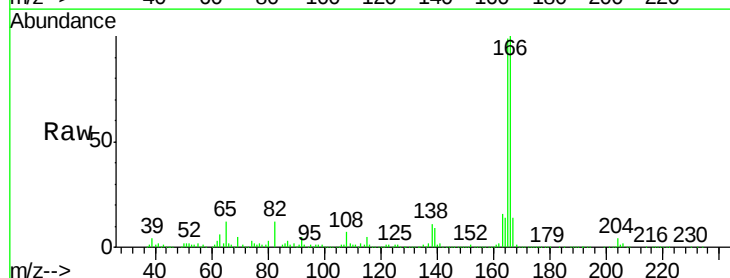


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

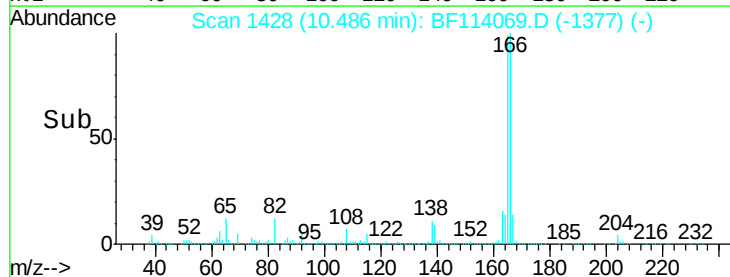
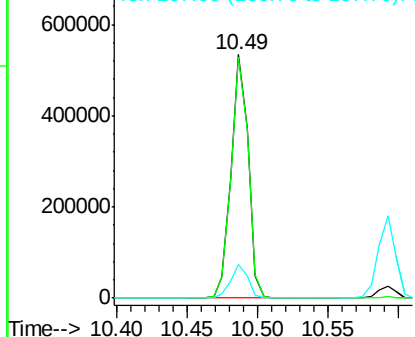


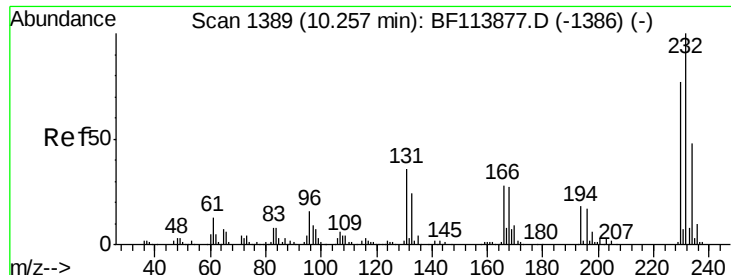
#58
 Fluorene
 Concen: 40.188 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion:166 Resp: 449979
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.4 117.6
 167 13.6 10.9 16.3



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.060 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 140692

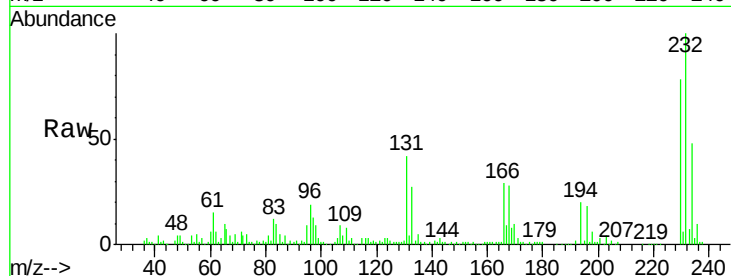
Ion Ratio Lower Upper

232 100

131 36.4 30.2 45.2

130 2.5 1.5 2.3#

166 27.3 22.2 33.4

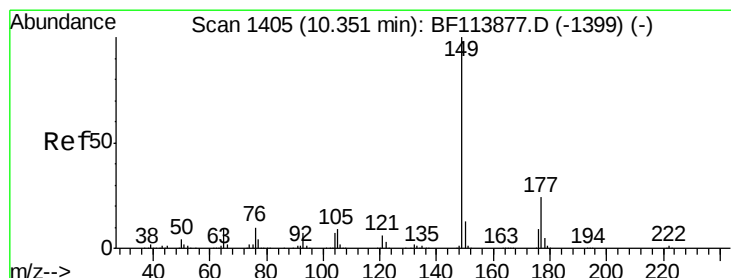
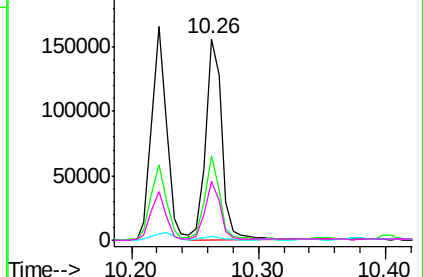
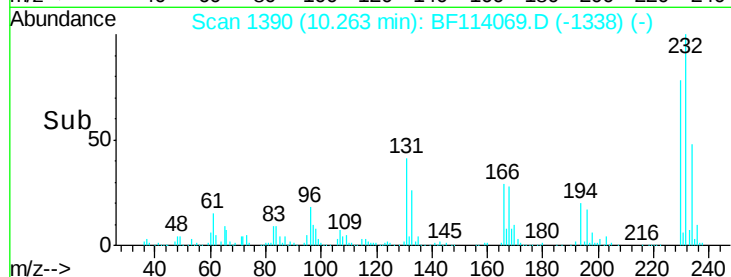


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.443 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

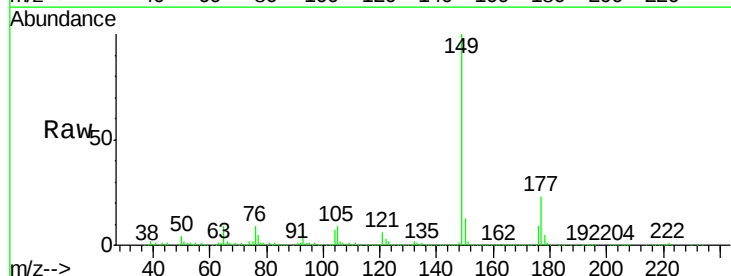
Tgt Ion:149 Resp: 515378

Ion Ratio Lower Upper

149 100

177 23.3 19.2 28.8

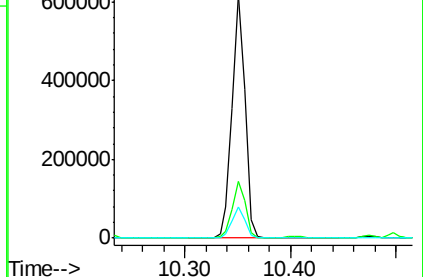
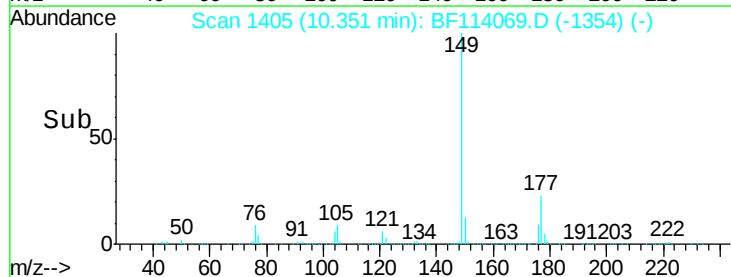
150 12.7 10.3 15.5

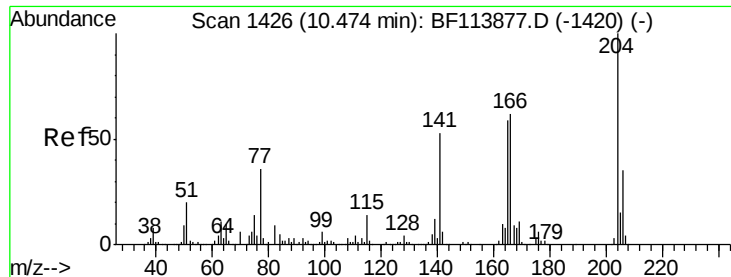


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 41.836 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

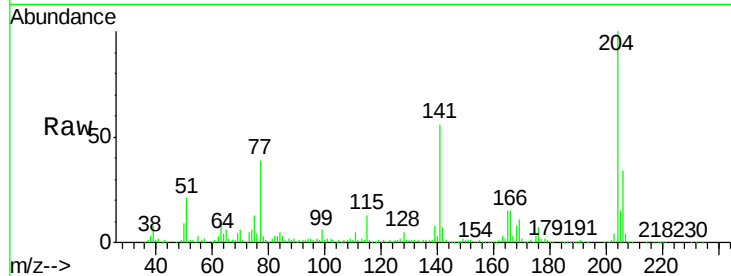
Tot Ion:204 Resp: 248075

Ion Ratio Lower Upper

204 100

206 34.4 27.4 41.2

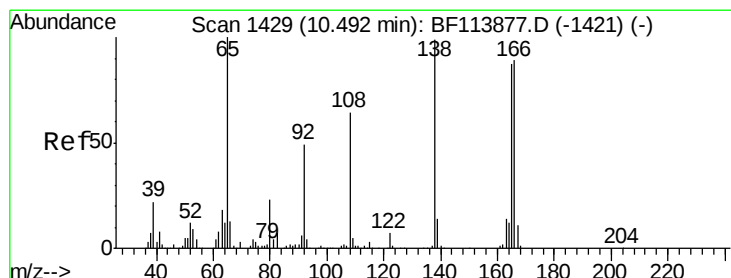
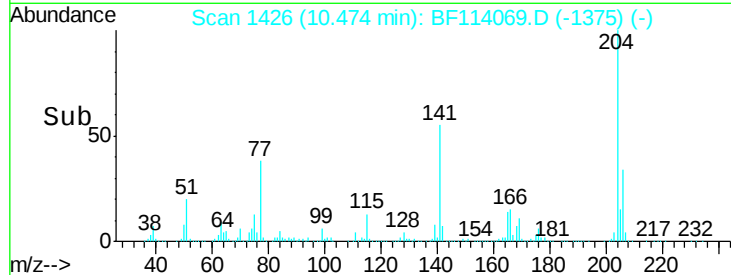
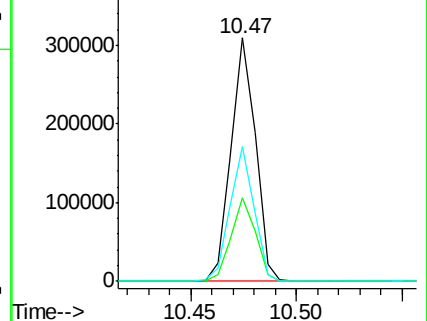
141 55.5 42.6 63.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.733 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

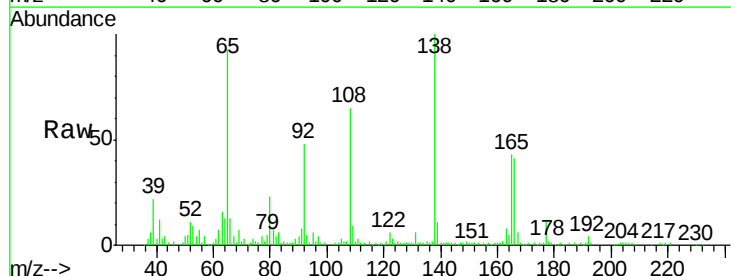
Tgt Ion:138 Resp: 117446

Ion Ratio Lower Upper

138 100

92 47.8 31.3 71.3

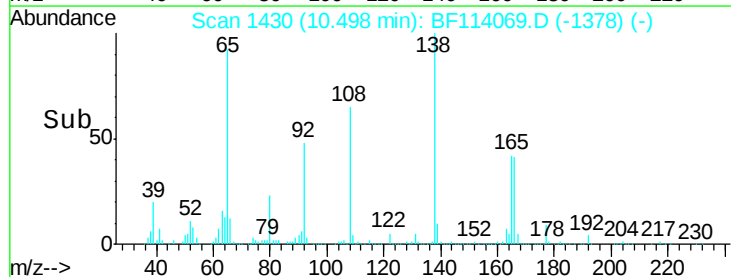
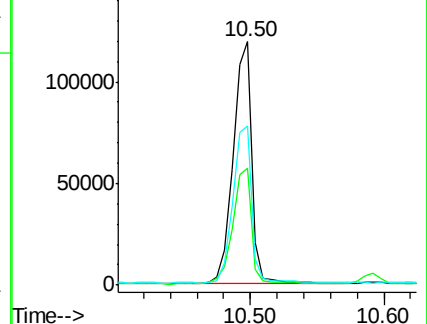
108 65.2 48.9 88.9

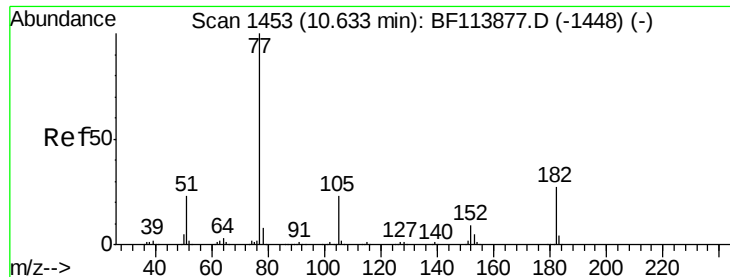


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.562 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 431880

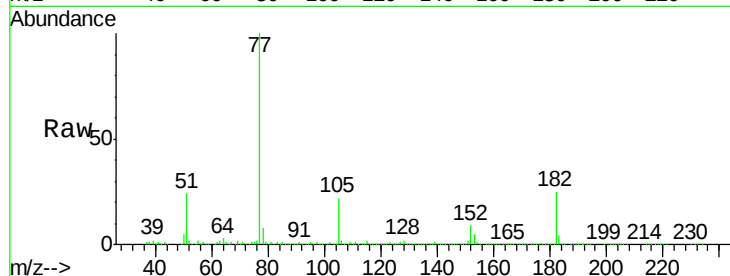
Ion Ratio Lower Upper

77 100

182 25.1 4.4 44.4

105 21.8 2.2 42.2

51 23.7 3.9 43.9

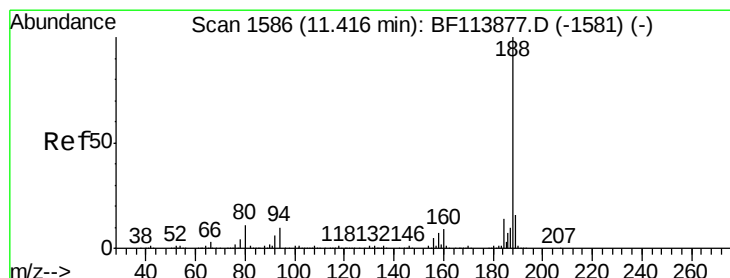
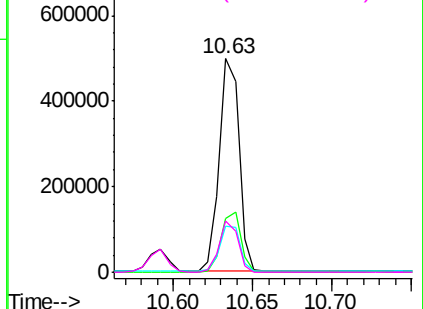
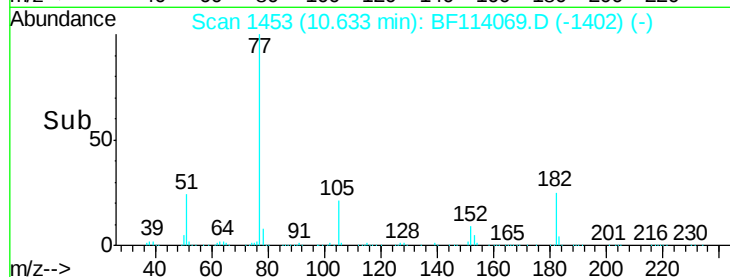


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

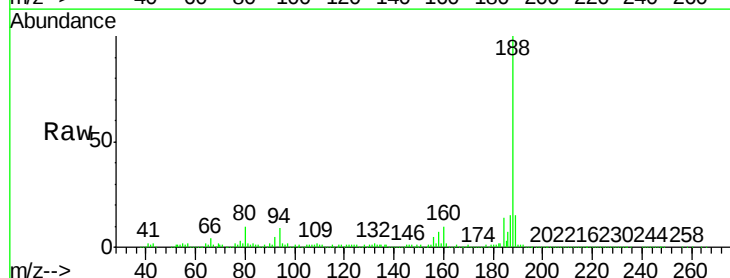
Tgt Ion: 188 Resp: 303805

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

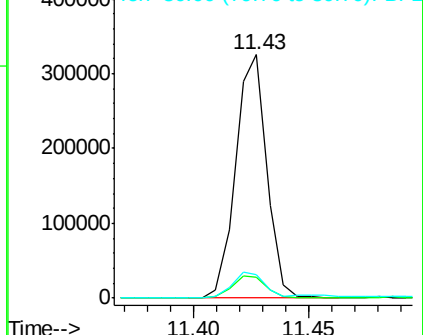
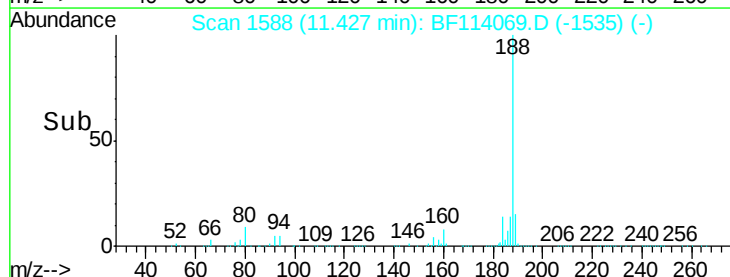
80 9.8 9.0 13.6

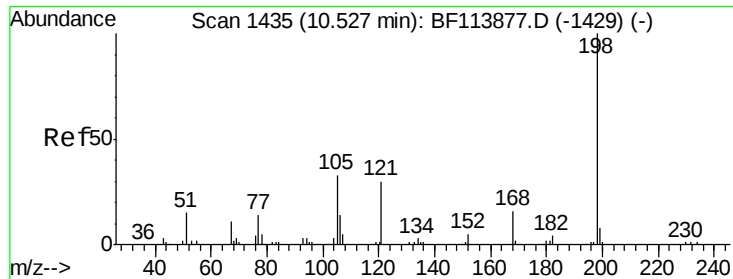


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.763 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

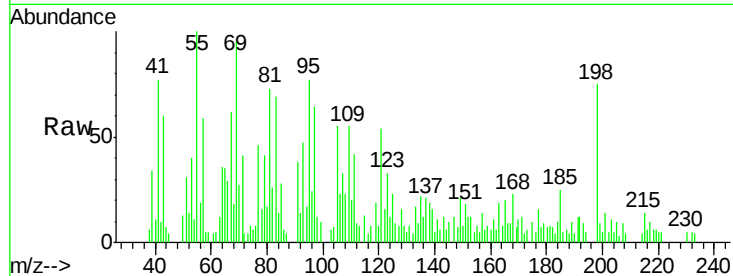
Tot Ion:198 Resp: 5675

Ion Ratio Lower Upper

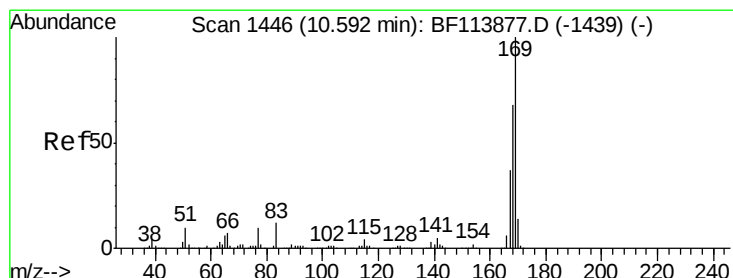
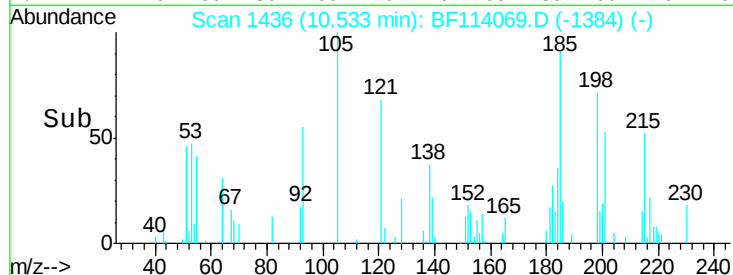
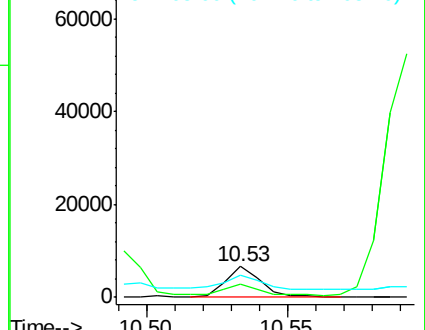
198 100

51 41.2 11.1 51.1

105 73.1 20.7 60.7#



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: 45.945 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

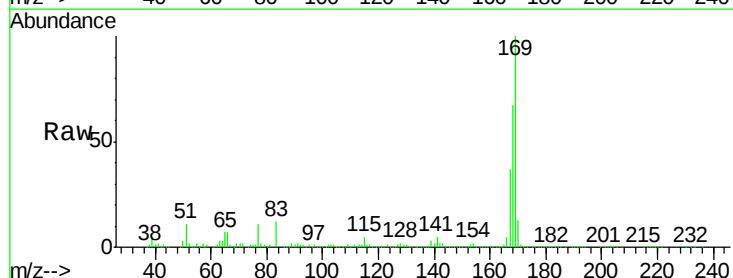
Tgt Ion:169 Resp: 418819

Ion Ratio Lower Upper

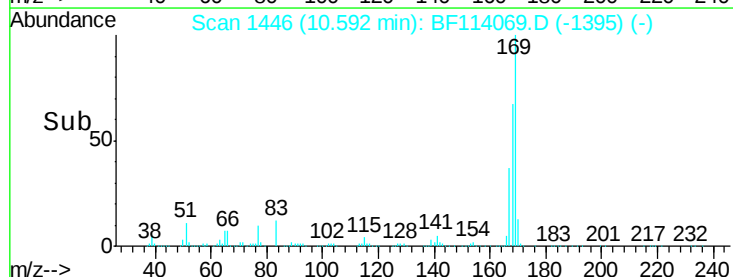
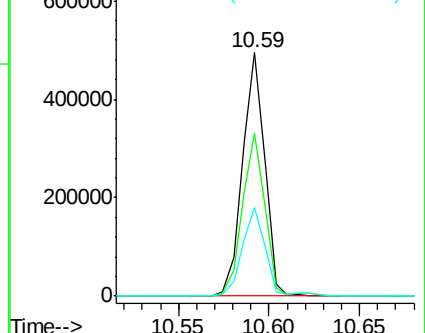
169 100

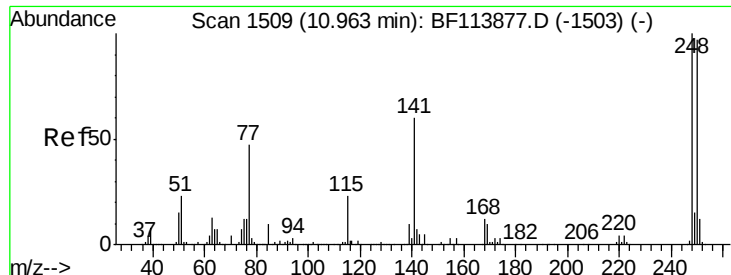
168 66.8 54.3 81.5

167 36.6 29.4 44.0



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

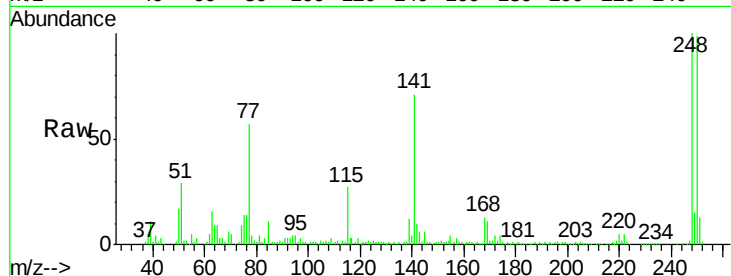




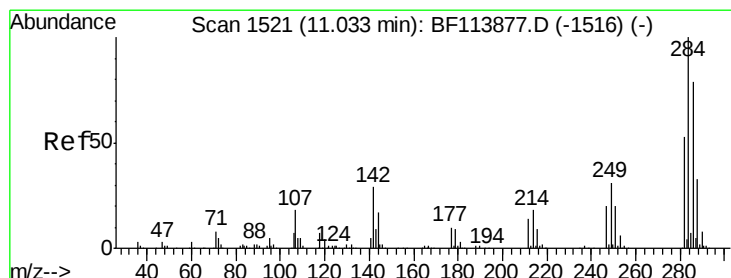
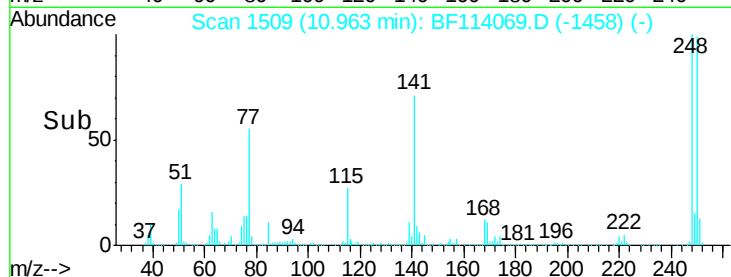
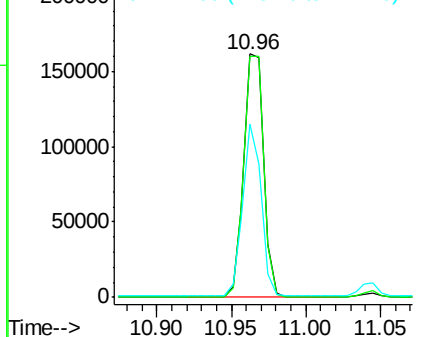
#67
 4-Bromophenyl-phenylether
 Concen: 40.841 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 149892
 Ion Ratio Lower Upper
 248 100
 250 98.9 75.8 113.6
 141 71.3 50.2 75.4

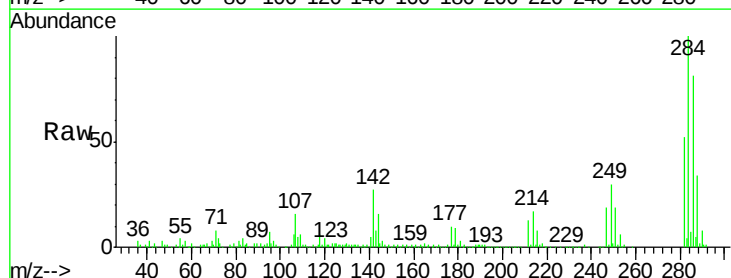


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

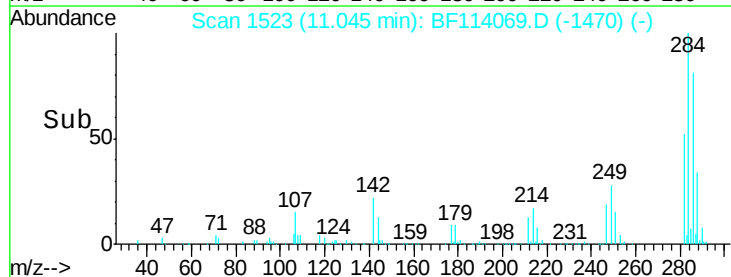
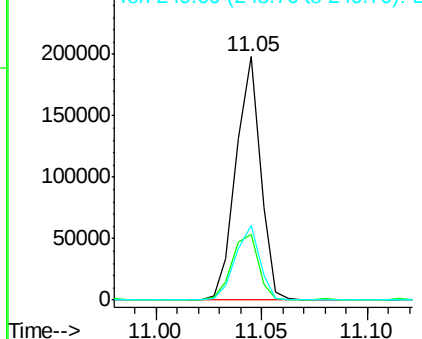


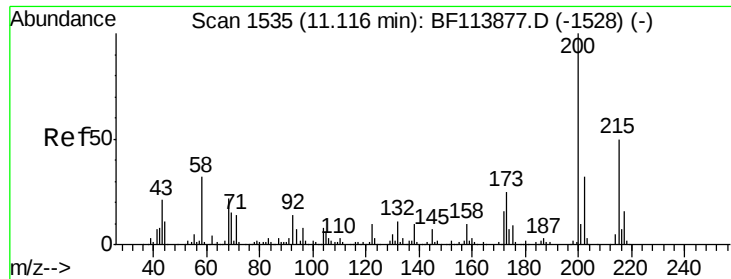
#68
 Hexachlorobenzene
 Concen: 39.453 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF114069.D
 Acq: 1 May 2019 15:14

Tgt Ion:284 Resp: 159115
 Ion Ratio Lower Upper
 284 100
 142 26.8 23.0 34.4
 249 30.4 24.4 36.6



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





#69

Atrazine

Concen: 44.316 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

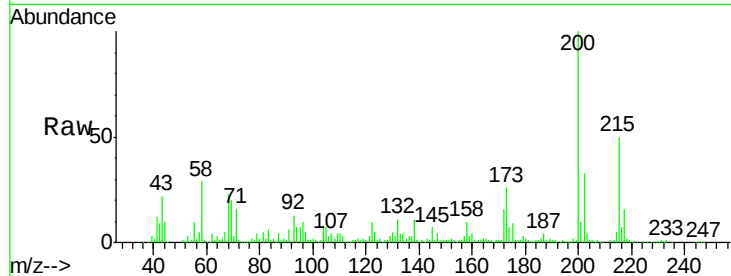
Tot Ion:200 Resp: 131414

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

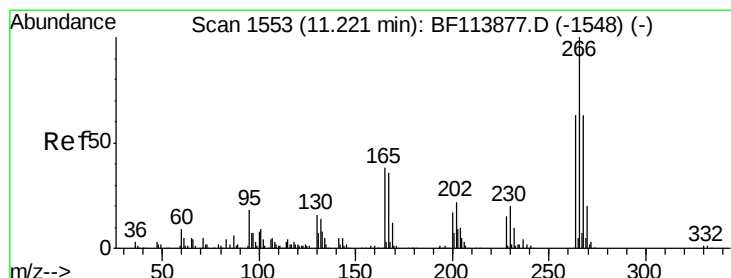
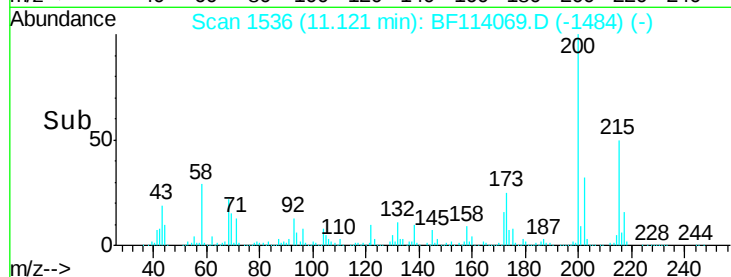
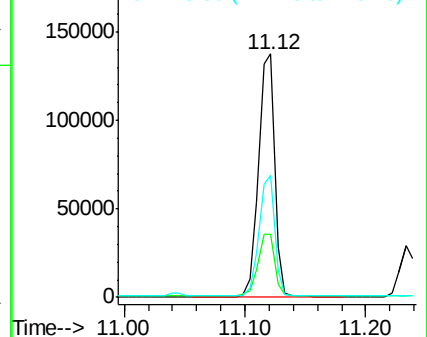
215 49.9 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.878 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

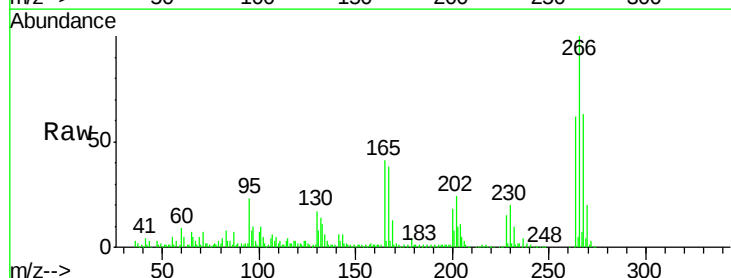
Tgt Ion:266 Resp: 168697

Ion Ratio Lower Upper

266 100

268 63.1 53.5 80.3

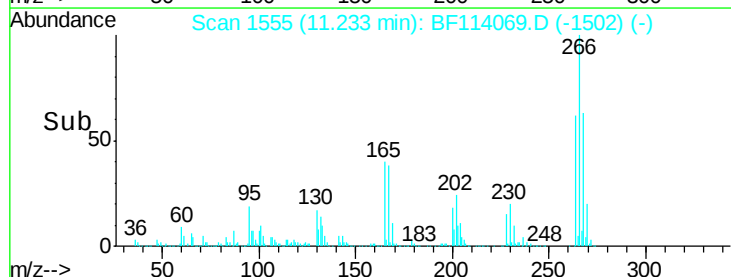
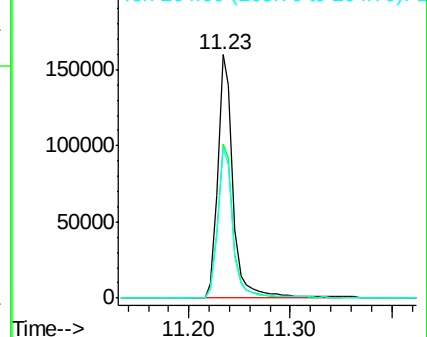
264 61.8 51.0 76.6

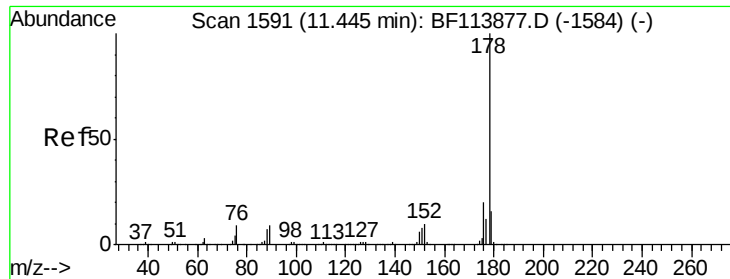


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

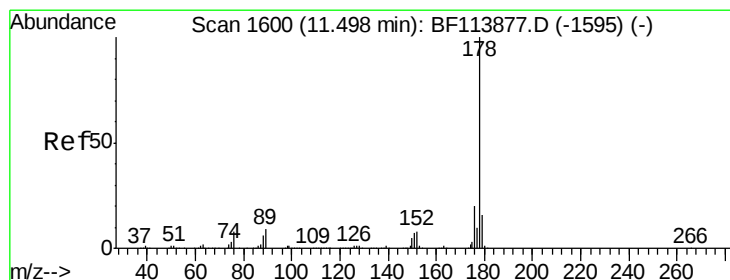
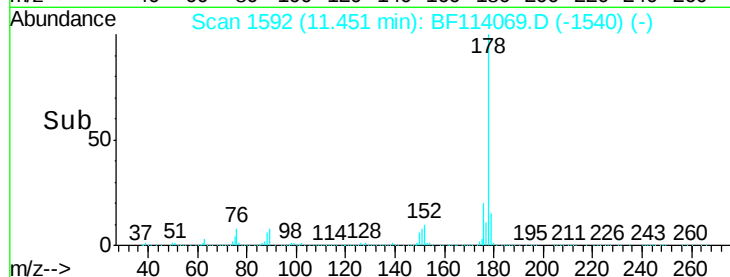
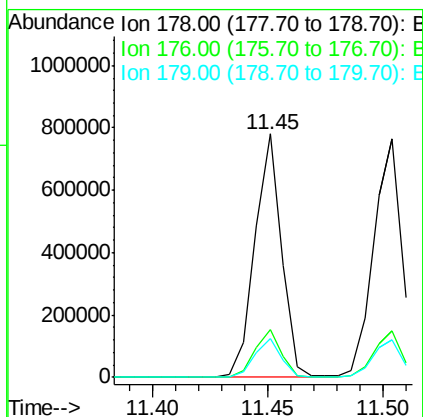
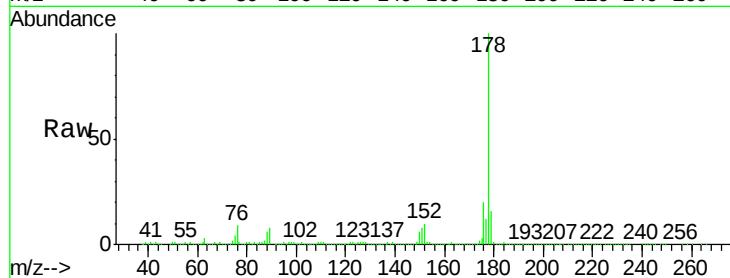




#71
Phenanthrene
Concen: 41.332 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

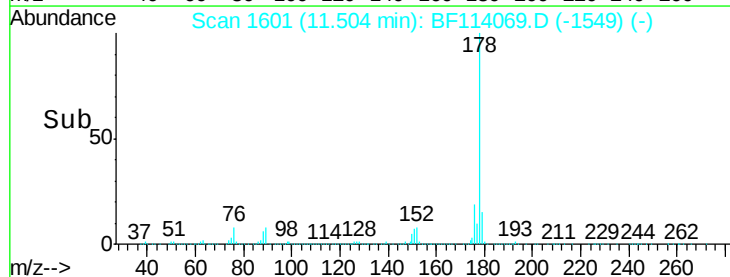
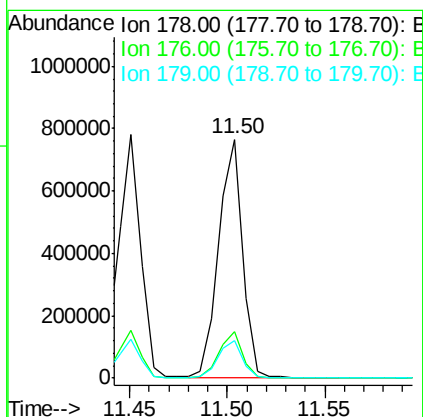
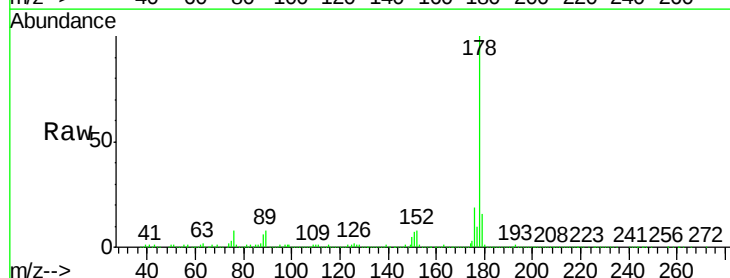
Instrument :
BNA_F
ClientSampleId :

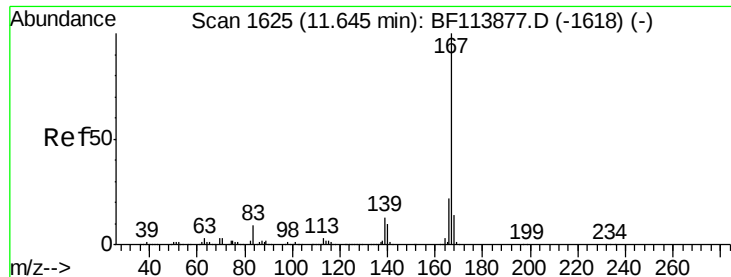
Tot Ion:178 Resp: 631055
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.8 12.8 19.2



#72
Anthracene
Concen: 42.155 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:178 Resp: 649944
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 13.0 19.4





#73

Carbazole

Concen: 42.757 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

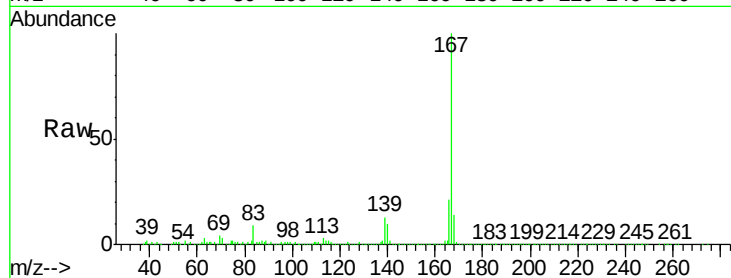
Tot Ion:167 Resp: 588129

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

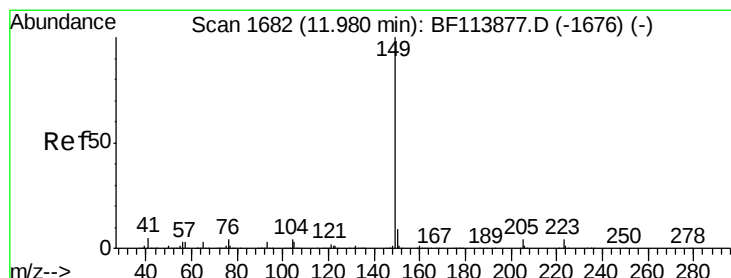
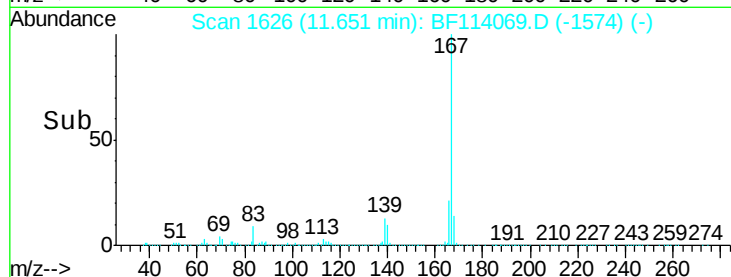
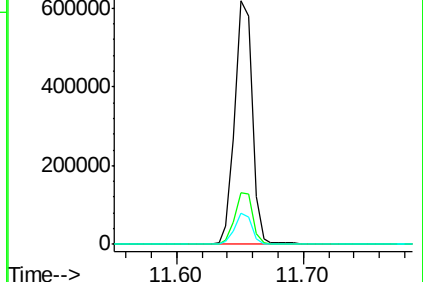
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.438 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

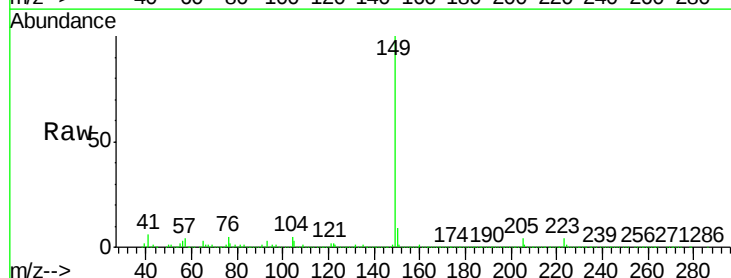
Tgt Ion:149 Resp: 751389

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

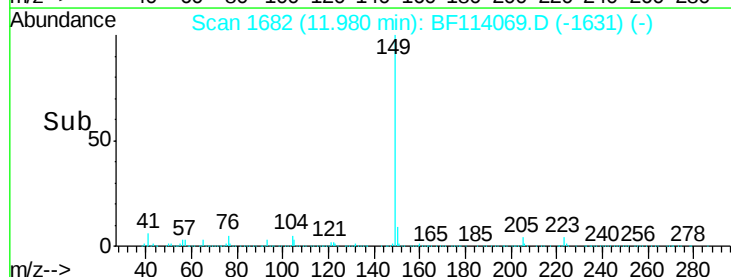
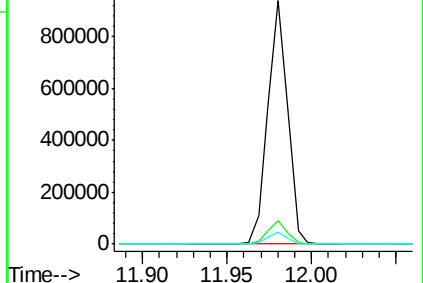
104 4.7 3.8 5.8

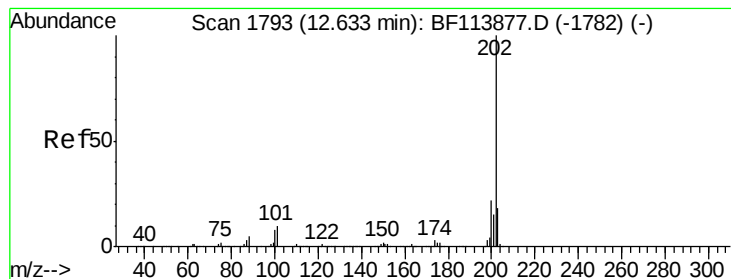


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.716 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

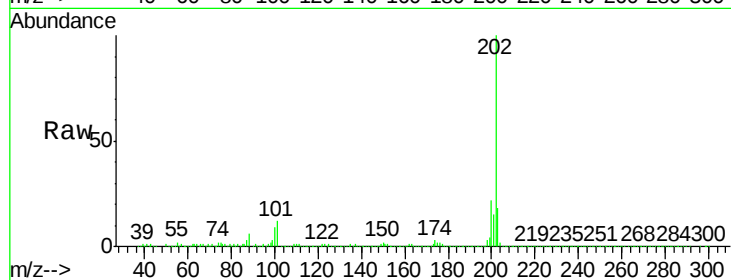
Tot Ion:202 Resp: 628260

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.9

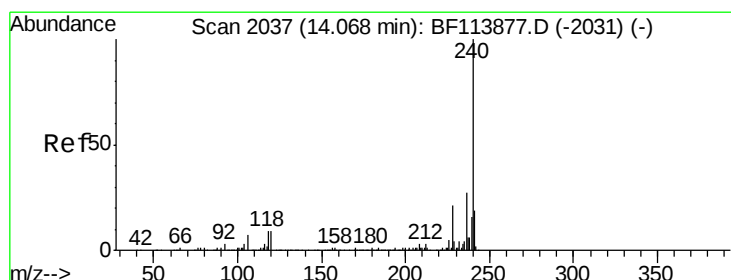
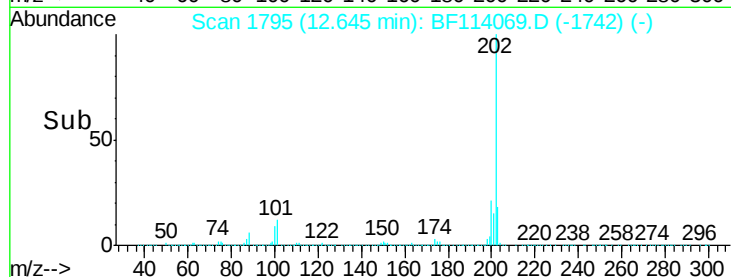
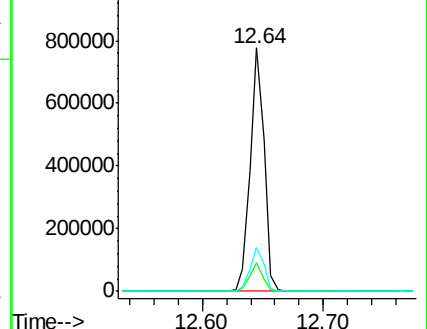
203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

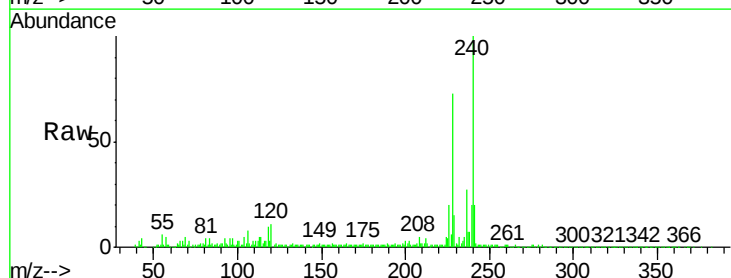
Tgt Ion:240 Resp: 224491

Ion Ratio Lower Upper

240 100

120 10.6 9.3 13.9

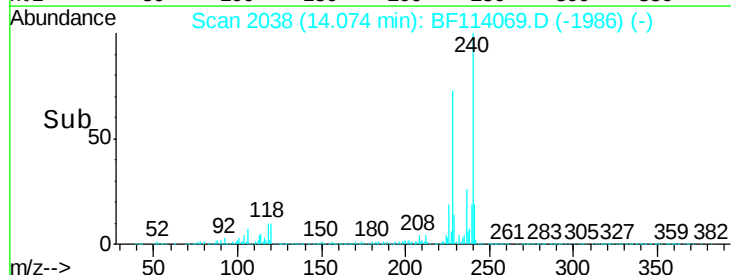
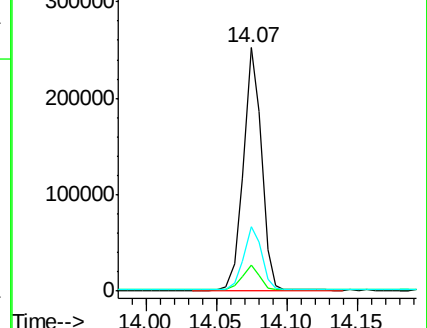
236 26.6 21.2 31.8

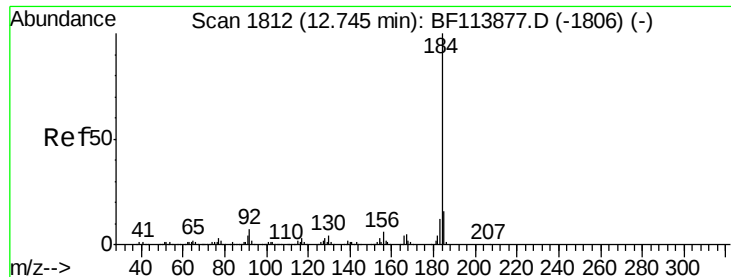


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.582 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

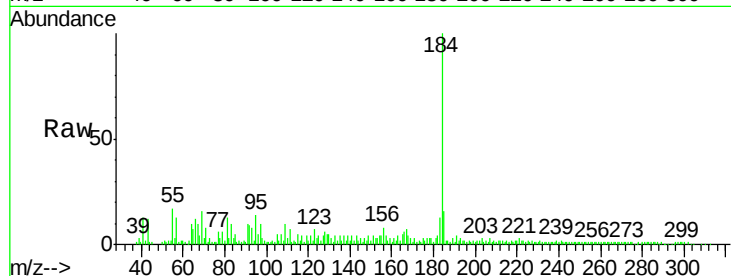
Tot Ion:184 Resp: 90850

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.0	19.6
183	13.0	9.4	14.0

184 100

185 15.9 13.0 19.6

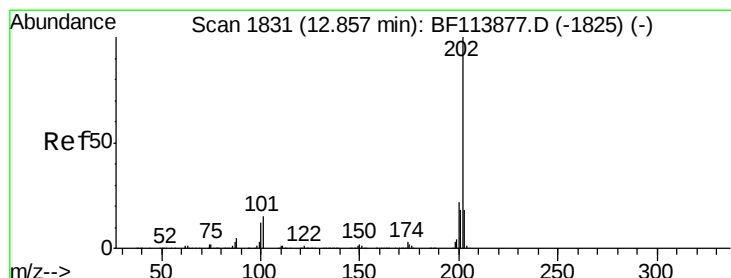
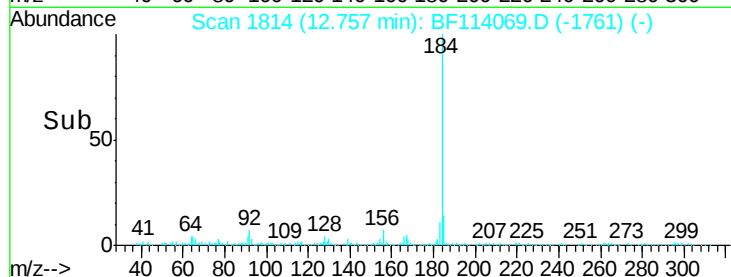
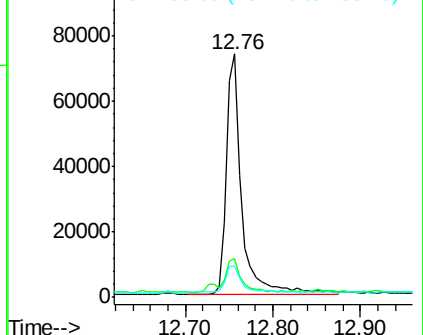
183 13.0 9.4 14.0



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: 40.598 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

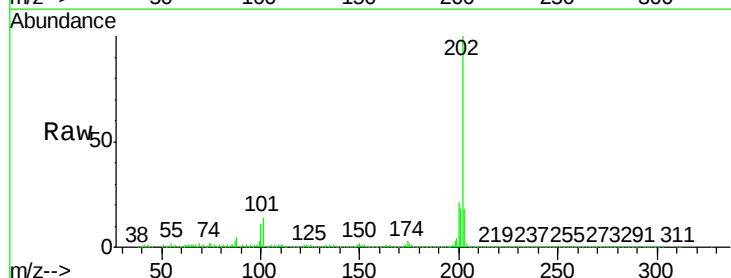
Tgt Ion:202 Resp: 637346

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.8	15.0	22.6

202 100

200 21.5 17.7 26.5

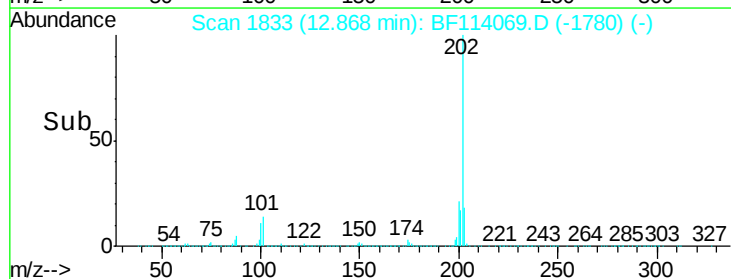
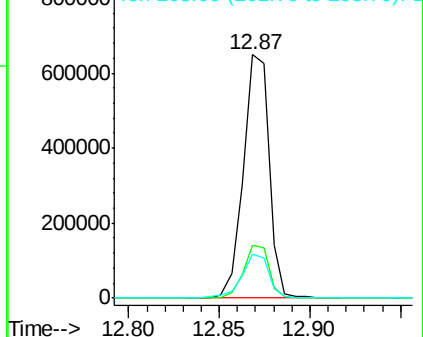
203 17.8 15.0 22.6

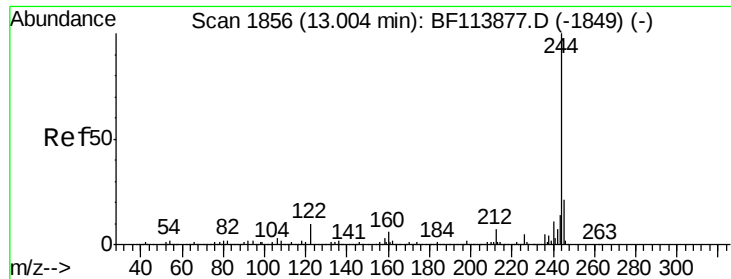


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.631 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

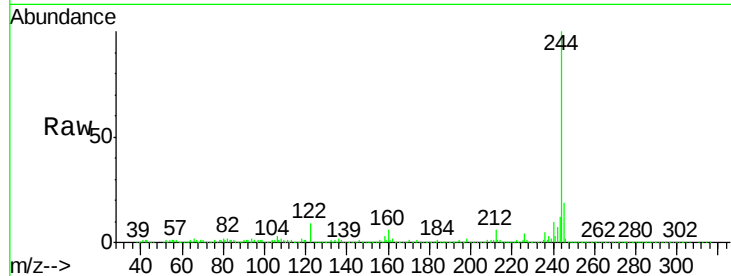
Tot Ion:244 Resp: 915761

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

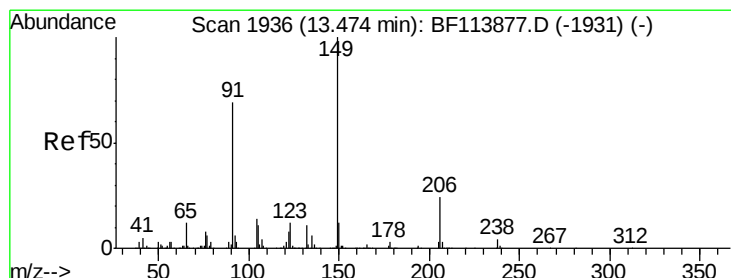
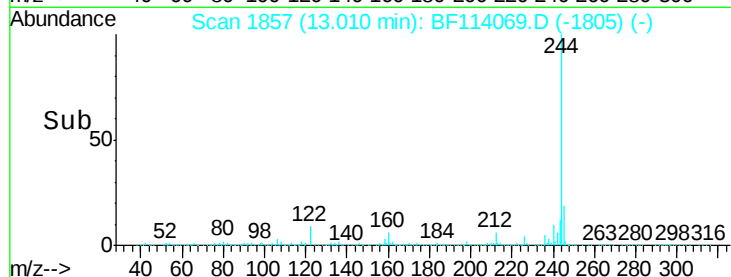
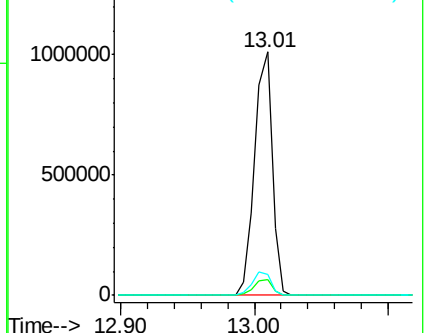
122 8.7 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.380 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

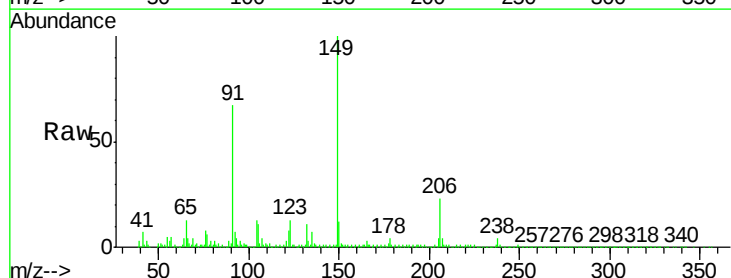
Tgt Ion:149 Resp: 286477

Ion Ratio Lower Upper

149 100

91 67.0 56.3 84.5

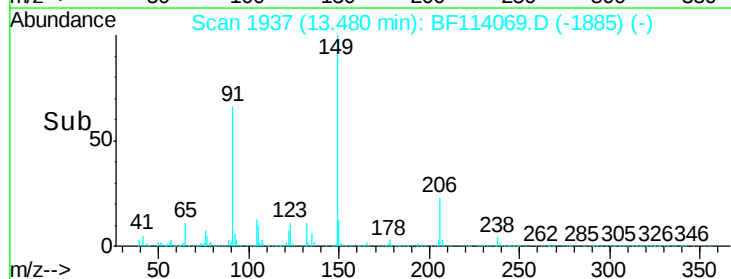
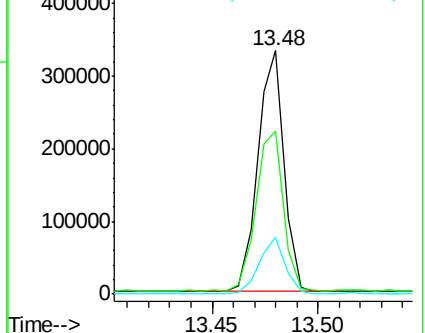
206 23.4 19.0 28.6

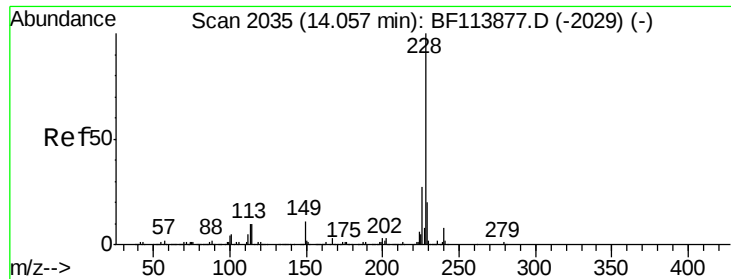


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.252 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

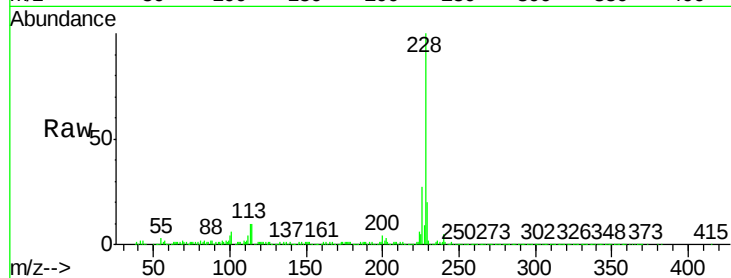
Tot Ion:228 Resp: 572074

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

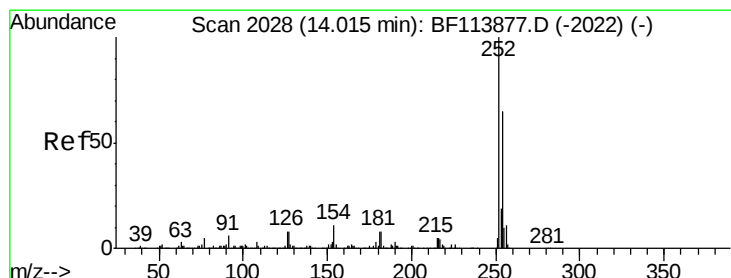
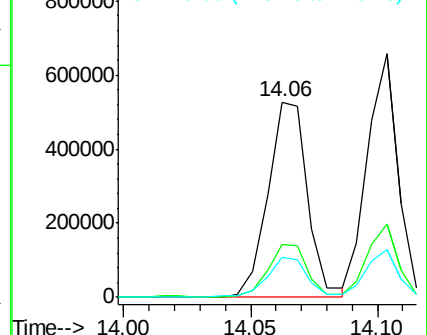
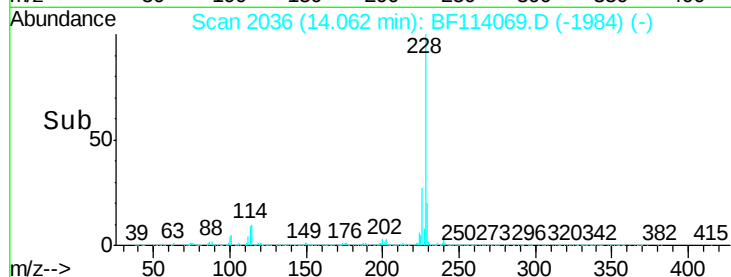
229 20.4 16.0 24.0



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: 30.364 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

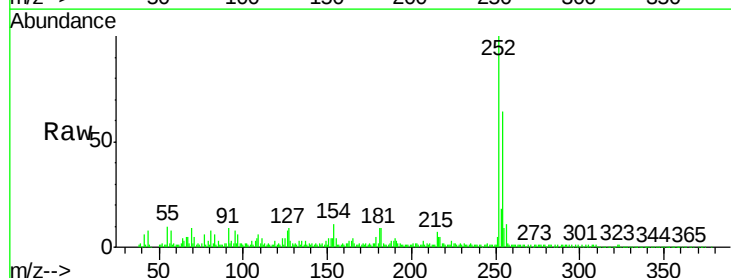
Tgt Ion:252 Resp: 147202

Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

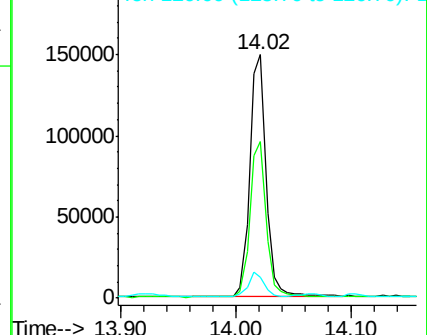
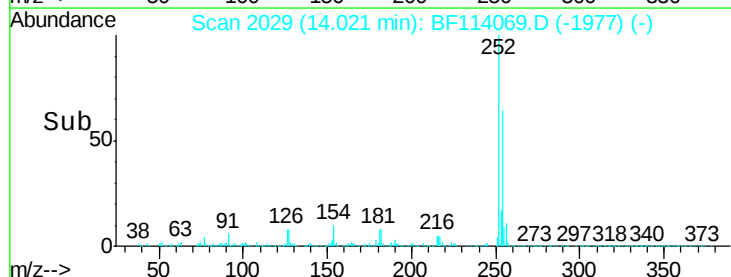
126 8.4 9.3 13.9#

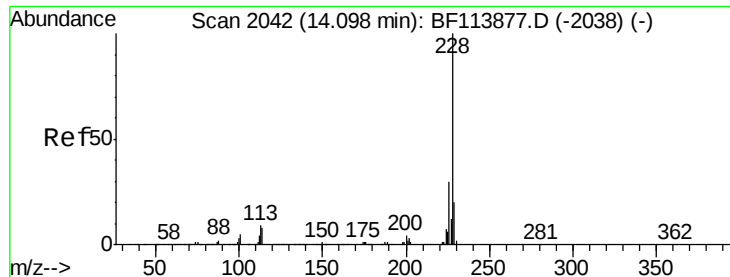


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.650 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampled :

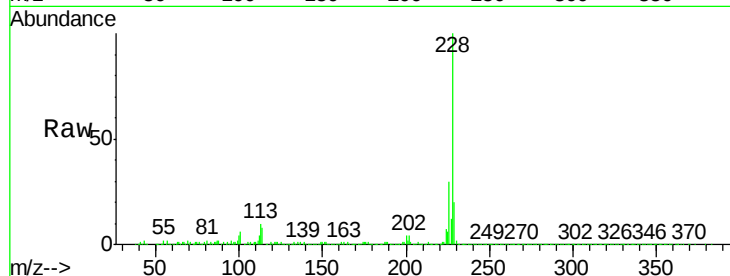
Tot Ion:228 Resp: 549389

Ion Ratio Lower Upper

228 100

226 30.1 25.2 37.8

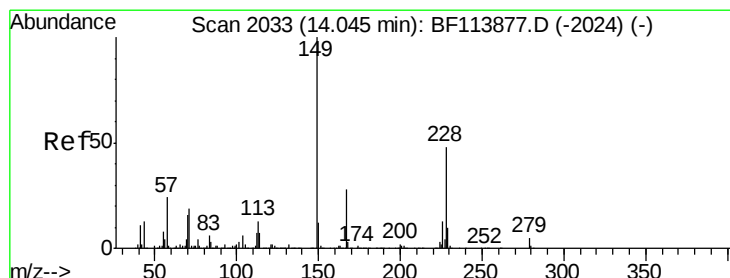
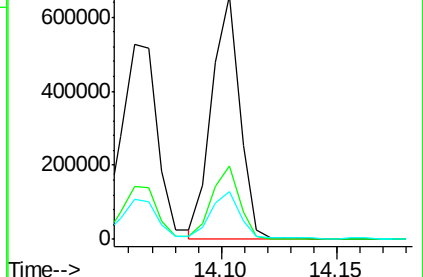
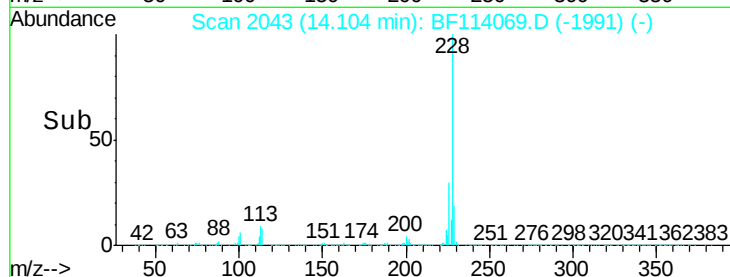
229 19.8 16.7 25.1



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: 55.692 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

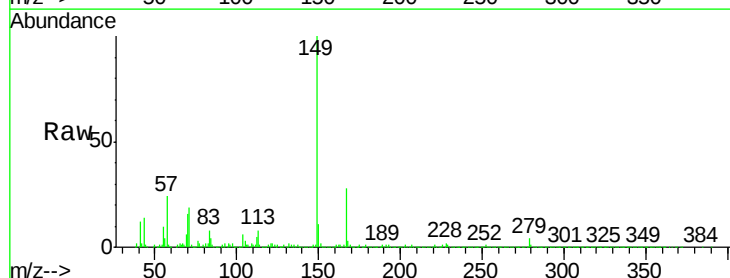
Tgt Ion:149 Resp: 437672

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

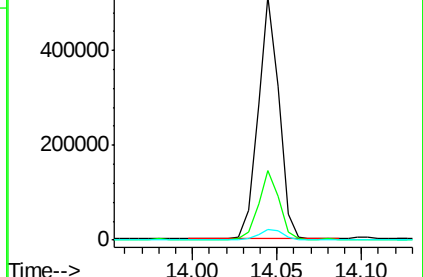
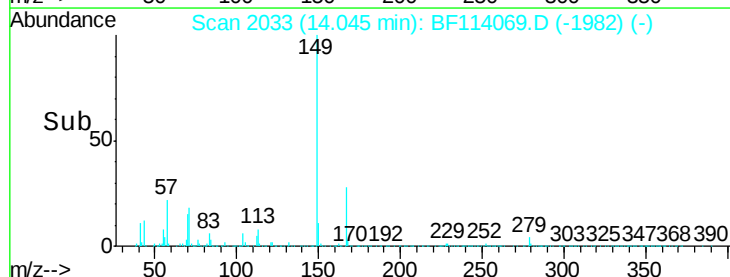
279 4.5 4.2 6.2

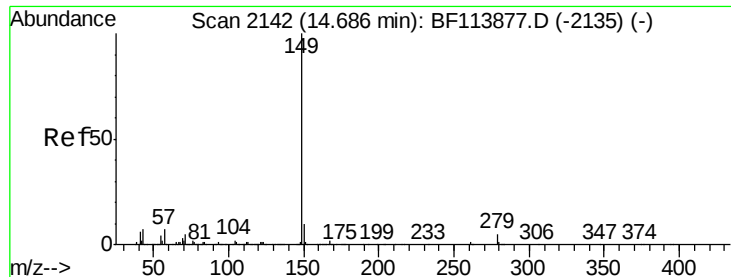


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.601 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

Instrument :

BNA_F

ClientSampleId :

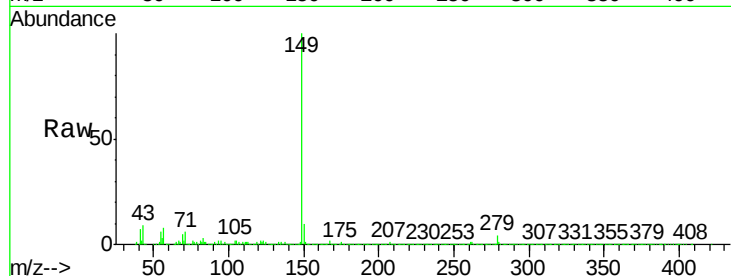
Tot Ion:149 Resp: 708531

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

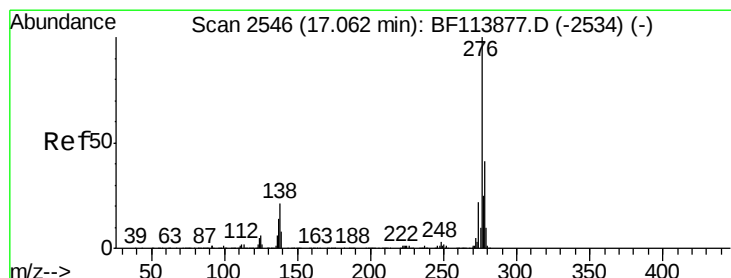
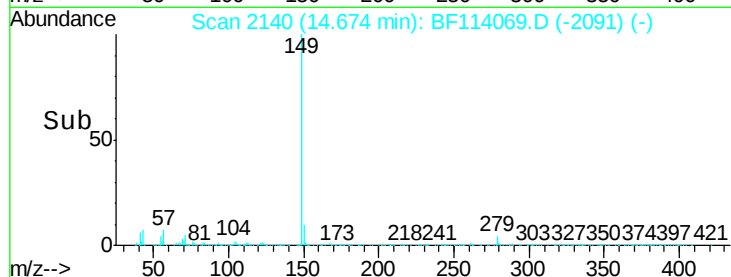
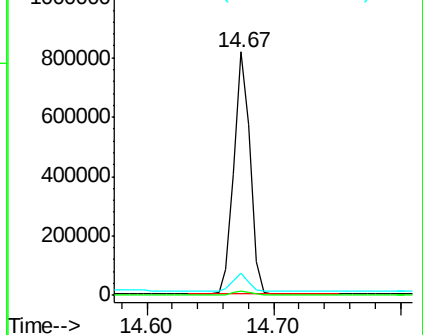
43 7.2 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.849 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.03 min

Lab File: BF114069.D

Acq: 1 May 2019 15:14

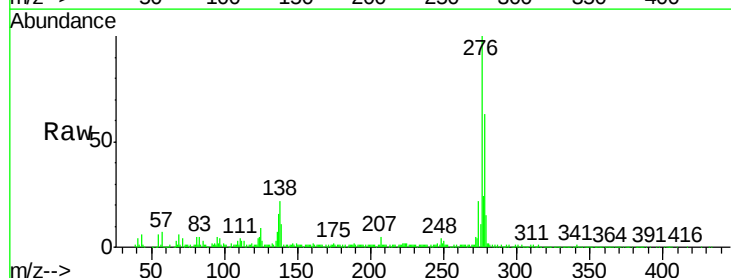
Tgt Ion:276 Resp: 388613

Ion Ratio Lower Upper

276 100

138 22.7 19.6 29.4

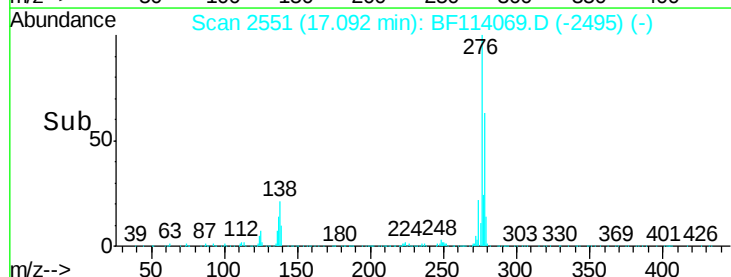
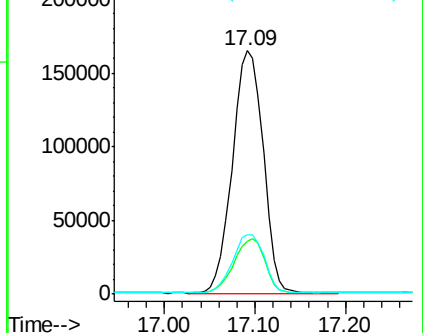
277 24.7 20.2 30.4

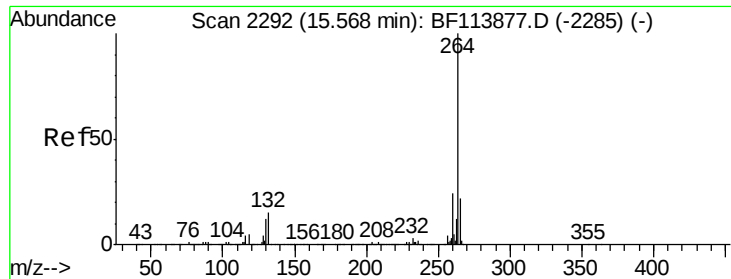


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

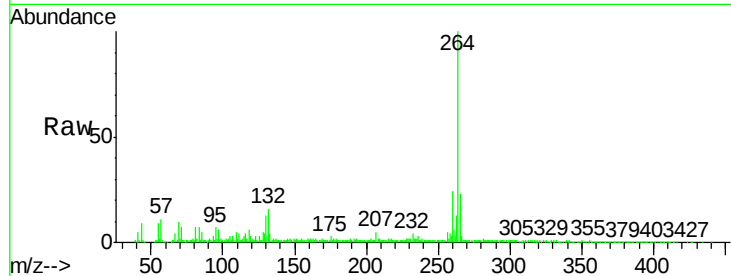




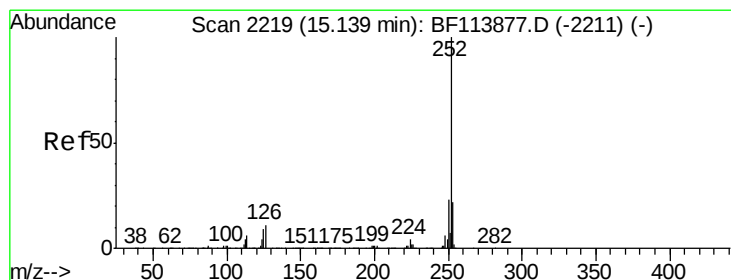
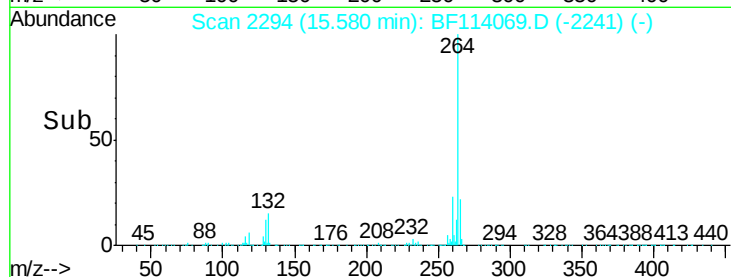
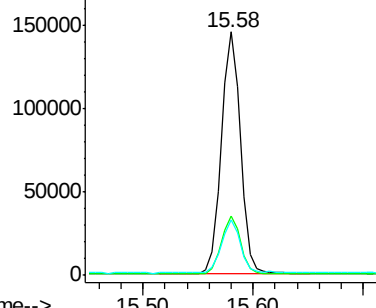
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.7	17.3	25.9

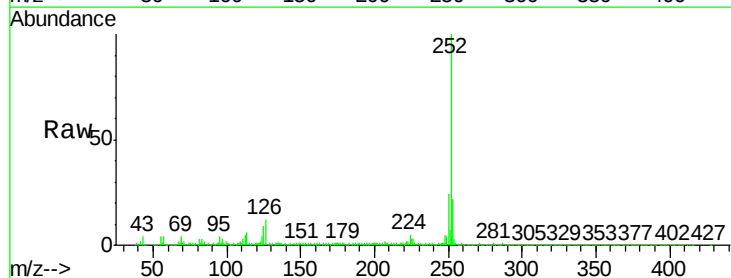


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

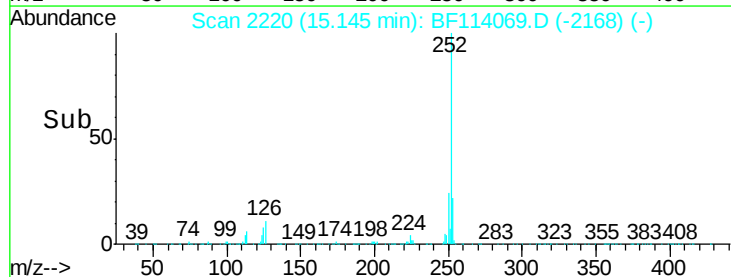
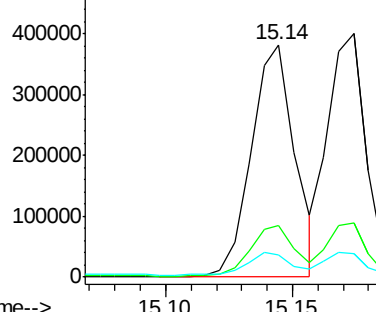


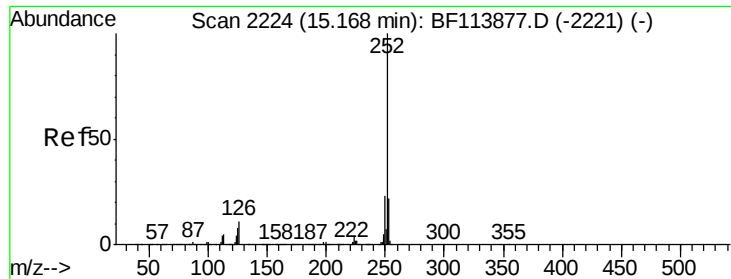
#88
Benzo(b)fluoranthene
Concen: 40.055 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.5	7.0	10.6



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

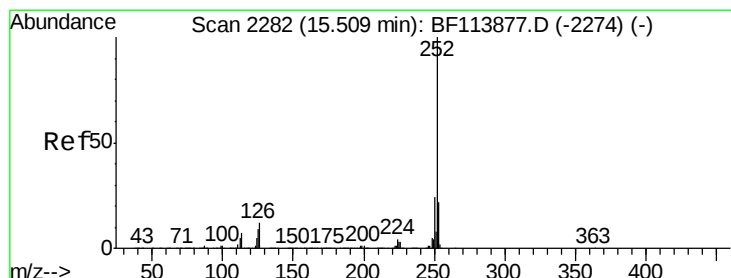
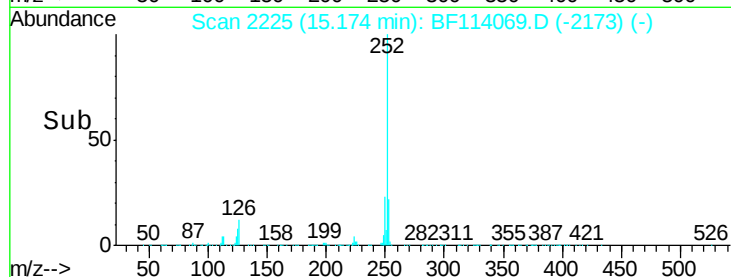
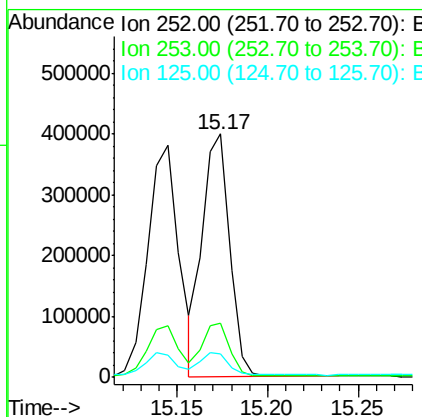
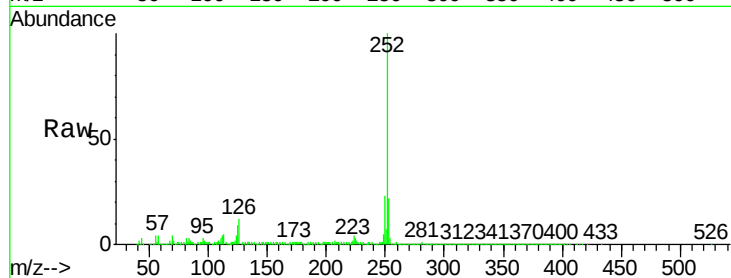




#89
Benzo(k)fluoranthene
Concen: 42.918 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

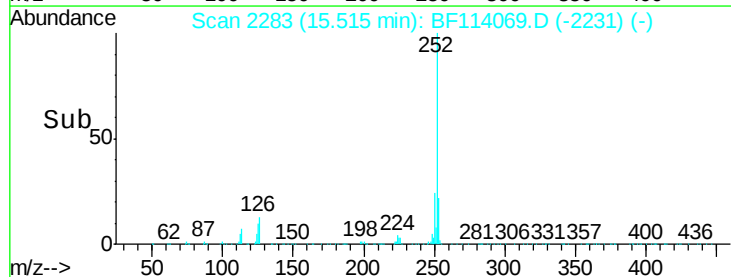
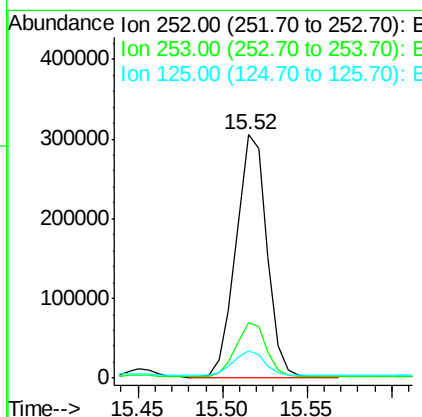
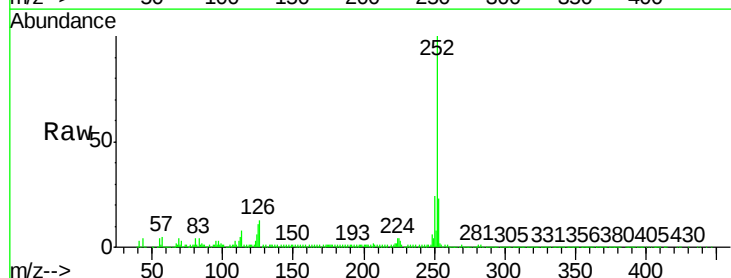
Instrument :
BNA_F
ClientSampleId :

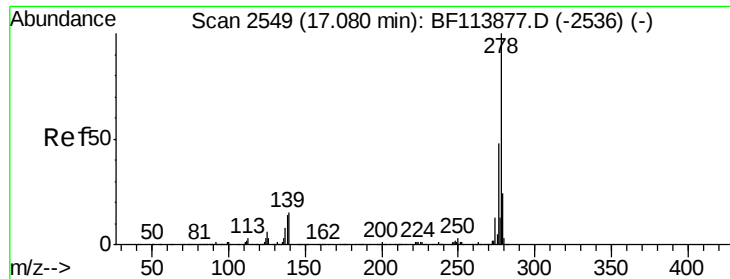
Tot Ion:252 Resp: 417357
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.620 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion:252 Resp: 387418
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.2 8.5 12.7

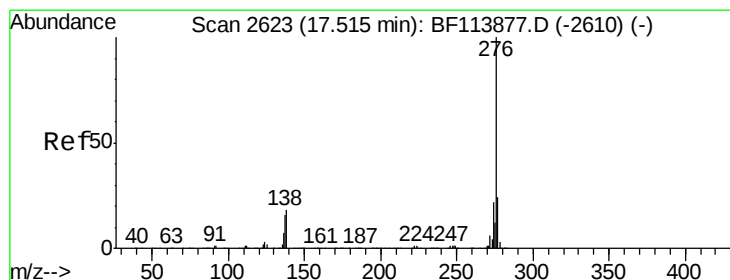
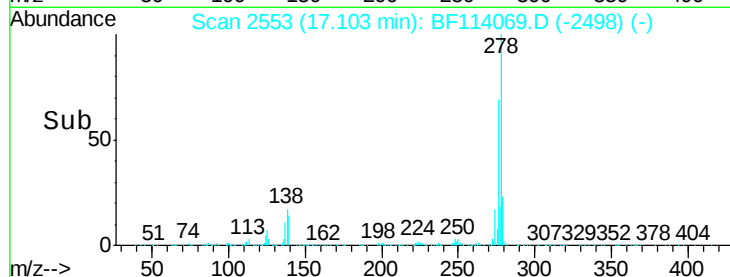
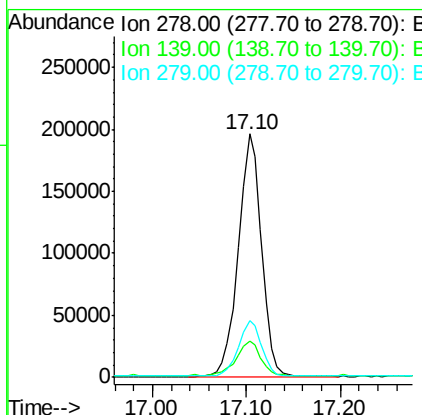
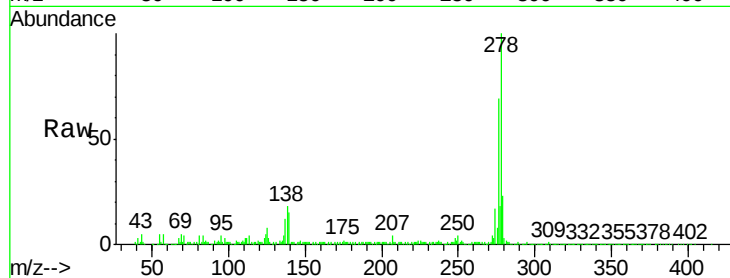




#91
Dibenzo(a,h)anthracene
Concen: 36.402 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 33.745 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.04 min
Lab File: BF114069.D
Acq: 1 May 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.6	16.6	25.0

