

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114001.D
 Acq On : 26 Apr 2019 11:21
 Operator : JU/SJ
 Sample : PB119139BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Quant Time: Apr 26 22:56:47 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	217822	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880277	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	471534	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	944219	20.00	ng	0.00
76) Chrysene-d12	14.07	240	719081	20.00	ng	0.00
87) Perylene-d12	15.55	264	428531	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1545051	121.32	ng	0.03
7) Phenol-d6	6.55	99	1985438	124.26	ng	0.02
23) Nitrobenzene-d5	7.46	82	1143182	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	696848	121.31	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2201843	73.03	ng	0.00
79) Terphenyl-d14	13.01	244	2584566	73.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	237429	39.549	ng	97
3) Pyridine	3.56	79	420882	25.685	ng	98
4) n-Nitrosodimethylamine	3.52	42	205374	36.613	ng	93
6) Aniline	6.57	93	578476	26.365	ng	97
8) 2-Chlorophenol	6.69	128	603833	41.529	ng	99
9) Benzaldehyde	6.45	77	29186	Below Cal		94
10) Phenol	6.56	94	743415	38.909	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	585548	40.726	ng	98
12) 1,3-Dichlorobenzene	6.85	146	639439	38.830	ng	97
13) 1,4-Dichlorobenzene	6.92	146	645708	38.984	ng	98
14) 1,2-Dichlorobenzene	7.07	146	610071	40.078	ng	98
15) Benzyl Alcohol	7.05	79	520551	48.373	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	667174	39.752	ng	89
17) 2-Methylphenol	7.16	107	554849	43.533	ng	96
18) Hexachloroethane	7.42	117	233944	40.292	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	435380	42.077	ng	99
20) 3+4-Methylphenols	7.31	107	616450	42.809	ng	# 86
22) Acetophenone	7.31	105	846049	43.190	ng	# 87
24) Nitrobenzene	7.48	77	674424	42.812	ng	99
25) Isophorone	7.72	82	1248251	42.790	ng	99
26) 2-Nitrophenol	7.80	139	350696	48.798	ng	99
27) 2,4-Dimethylphenol	7.83	122	597527	51.031	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	774341	41.656	ng	99
29) 2,4-Dichlorophenol	8.05	162	580754	43.373	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	632802	42.385	ng	100
31) Naphthalene	8.20	128	1754789	41.962	ng	100
32) Benzoic acid	7.99	122	421799	53.343	ng	95
33) 4-Chloroaniline	8.25	127	504873	28.533	ng	98
34) Hexachlorobutadiene	8.32	225	376910	40.498	ng	99
35) Caprolactam	8.65	113	117291	27.537	ng	90
36) 4-Chloro-3-methylphenol	8.74	107	578747	43.628	ng	99
37) 2-Methylnaphthalene	8.90	142	1222121	43.338	ng	98
38) 1-Methylnaphthalene	9.00	142	1144226	42.040	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	624408	40.766	ng	99

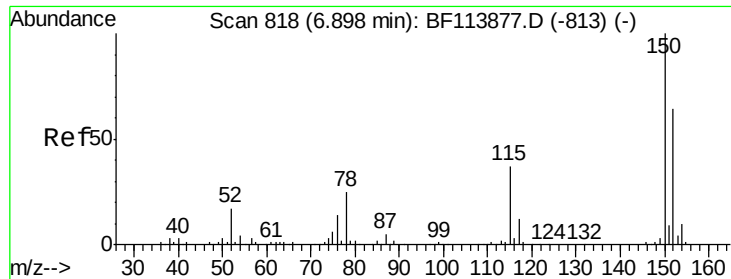
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114001.D
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	556043	65.100	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	445116	45.765	ng	100
44) 2,4,5-Trichlorophenol	9.23	196	470295	43.109	ng	99
46) 1,1'-Biphenyl	9.36	154	1490712	41.384	ng	98
47) 2-Chloronaphthalene	9.39	162	1220412	41.662	ng	98
48) 2-Nitroaniline	9.48	65	353796	46.072	ng	91
49) Acenaphthylene	9.80	152	1815753	39.594	ng	100
50) Dimethylphthalate	9.66	163	1478604	43.358	ng	100
51) 2,6-Dinitrotoluene	9.72	165	341330	46.654	ng	95
52) Acenaphthene	9.97	154	1123933	41.470	ng	97
53) 3-Nitroaniline	9.89	138	269093	35.002	ng	93
54) 2,4-Dinitrophenol	10.00	184	365369	111.743	ng	# 1
55) Dibenzofuran	10.15	168	1669412	41.121	ng	96
56) 4-Nitrophenol	10.06	139	552462	90.759	ng	93
57) 2,4-Dinitrotoluene	10.13	165	457307	49.521	ng	95
58) Fluorene	10.49	166	1264327	41.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	432148	45.076	ng	100
60) Diethylphthalate	10.36	149	1400554	43.248	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	656211	40.540	ng	100
62) 4-Nitroaniline	10.52	138	341857	45.566	ng	95
63) Azobenzene	10.64	77	1277783	40.711	ng	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	230371	52.434	ng	96
66) n-Nitrosodiphenylamine	10.60	169	1173941	41.436	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	456039	39.980	ng	97
68) Hexachlorobenzene	11.04	284	500930	39.964	ng	96
69) Atrazine	11.12	200	349046	37.872	ng	98
70) Pentachlorophenol	11.23	266	601982	84.823	ng	96
71) Phenanthrene	11.45	178	1928912	40.649	ng	99
72) Anthracene	11.50	178	1938521	40.454	ng	99
73) Carbazole	11.65	167	1755446	41.062	ng	98
74) Di-n-butylphthalate	11.98	149	2070152	41.165	ng	99
75) Fluoranthene	12.64	202	2017786	38.975	ng	99
77) Benzidine	12.75	184	275441	12.856	ng	97
78) Pyrene	12.87	202	2009730	39.966	ng	99
80) Butylbenzylphthalate	13.47	149	854456	43.187	ng	98
81) Benzo(a)anthracene	14.06	228	1729845	40.830	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	570770	36.756	ng	# 99
83) Chrysene	14.10	228	1685824	40.857	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1148616	45.629	ng	99
85) Di-n-octyl phthalate	14.66	149	1755674	44.559	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1409772	36.070	ng	99
88) Benzo(b)fluoranthene	15.13	252	1551701	57.231	ng	100
89) Benzo(k)fluoranthene	15.16	252	1355101	58.104	ng	99
90) Benzo(a)pyrene	15.50	252	1323907	56.453	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	1172027	53.240	ng	99
92) Benzo(g,h,i)perylene	17.52	276	1211956	54.553	ng	98

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

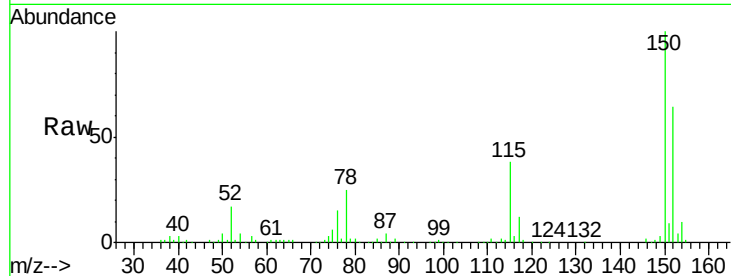


#1

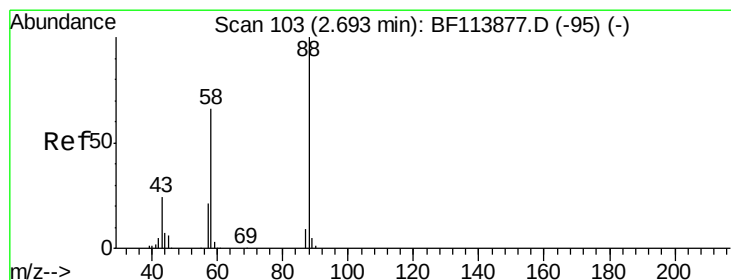
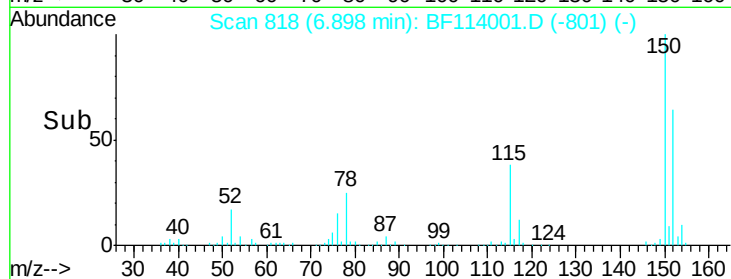
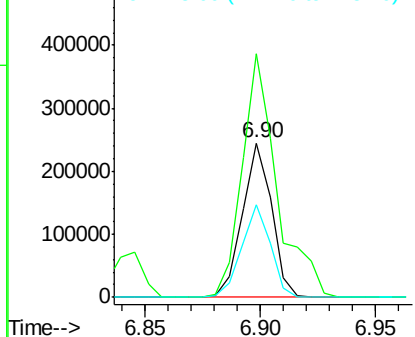
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tot Ion:152 Resp: 217822
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 59.6 45.9 68.9



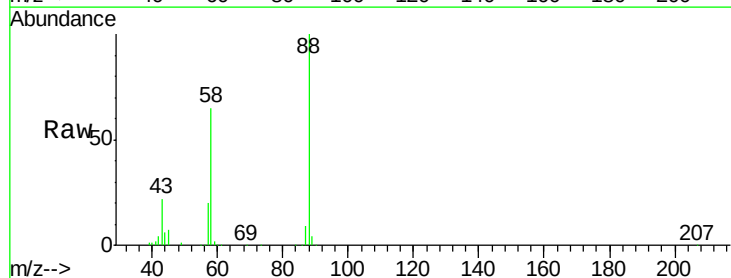
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



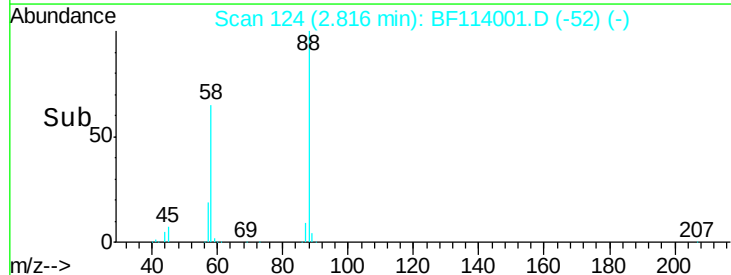
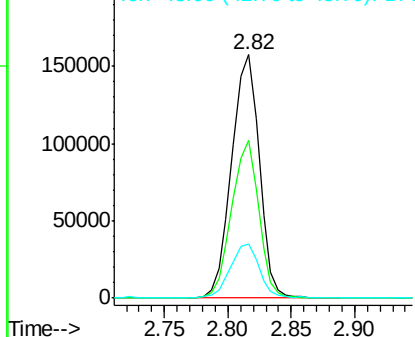
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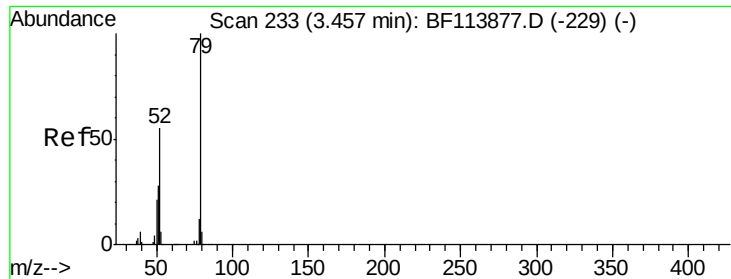
1,4-Dioxane
Concen: 39.549 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.12 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 88 Resp: 237429
Ion Ratio Lower Upper
88 100
58 63.5 53.3 79.9
43 22.8 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: 25.685 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

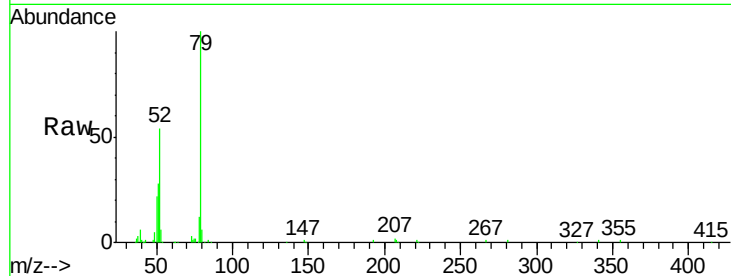
Tot Ion: 79 Resp: 420882

Ion Ratio Lower Upper

79 100

52 54.0 45.3 67.9

51 27.7 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

150000

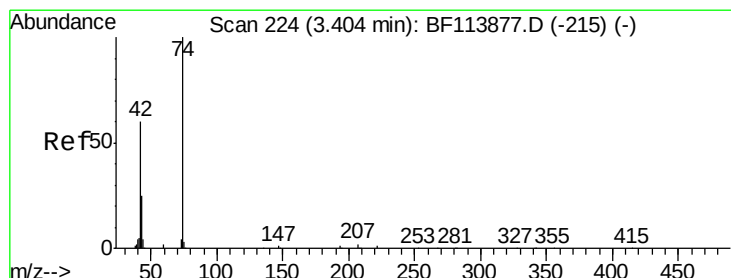
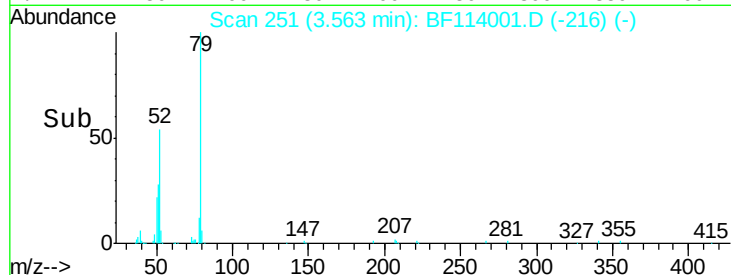
100000

50000

0

3.56

Time-->



#4

n-Nitrosodimethylamine

Concen: 36.613 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.11 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

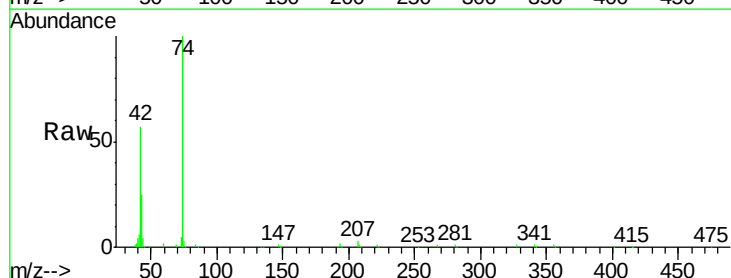
Tgt Ion: 42 Resp: 205374

Ion Ratio Lower Upper

42 100

74 174.8 132.6 198.8

44 6.3 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

200000

150000

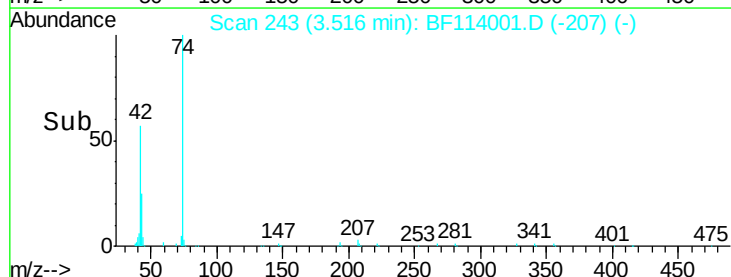
100000

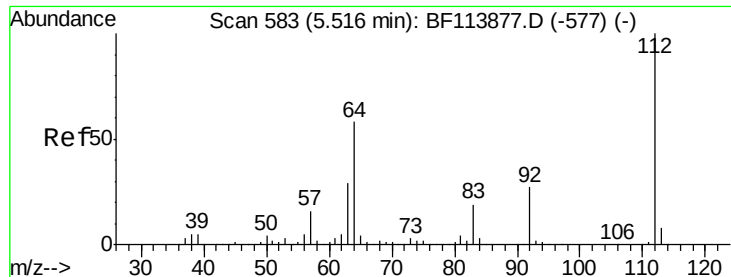
50000

0

3.52

Time-->





#5

2-Fluorophenol

Concen: 121.319 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

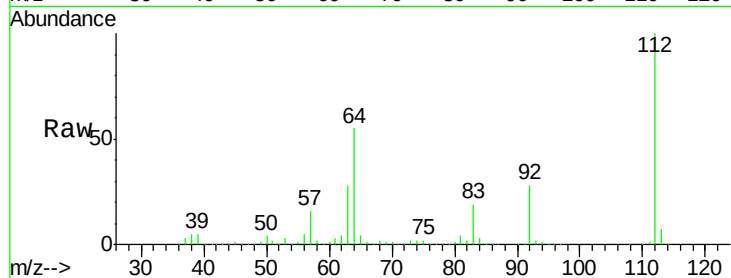
Tot Ion: 112 Resp: 1545051

Ion Ratio Lower Upper

112 100

64 55.0 46.6 69.8

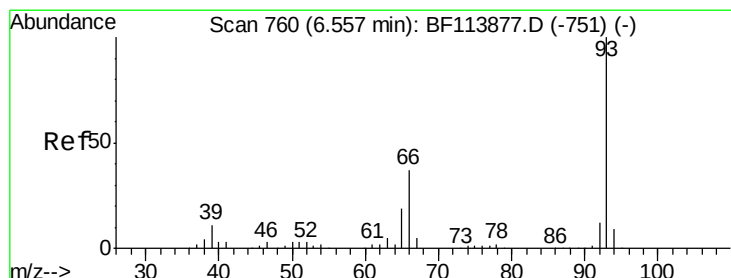
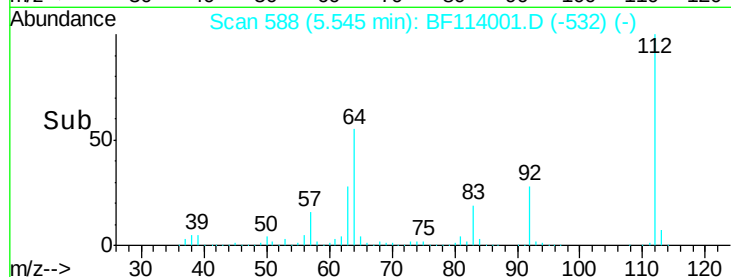
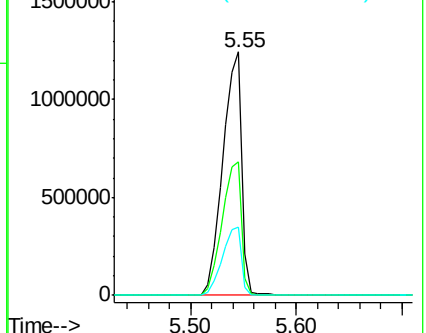
63 28.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.365 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

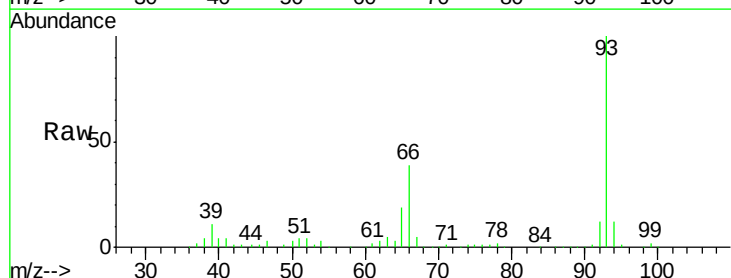
Tgt Ion: 93 Resp: 578476

Ion Ratio Lower Upper

93 100

66 39.3 29.8 44.6

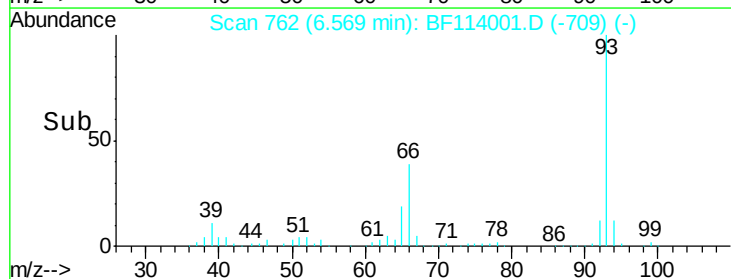
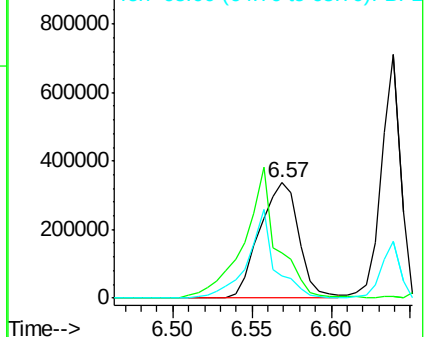
65 19.4 14.9 22.3

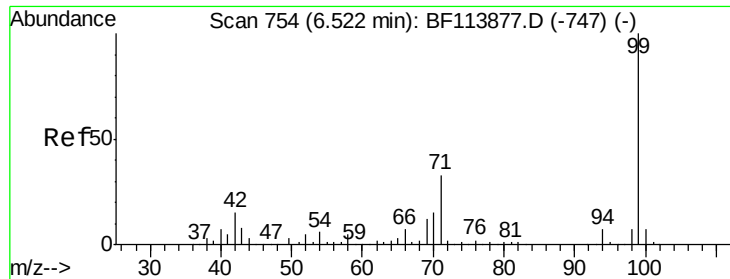


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.259 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

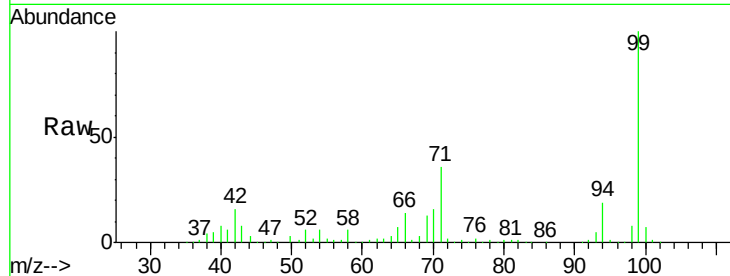
Tot Ion: 99 Resp: 1985438

Ion Ratio Lower Upper

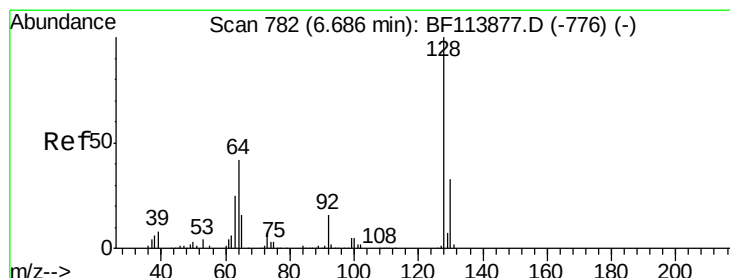
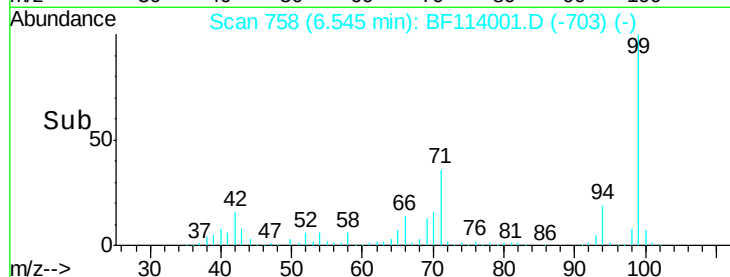
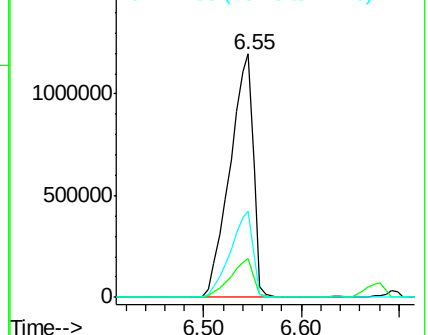
99 100

42 15.7 12.5 18.7

71 35.5 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: 41.529 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

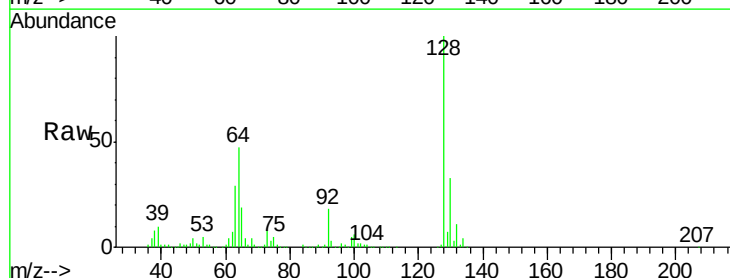
Tgt Ion: 128 Resp: 603833

Ion Ratio Lower Upper

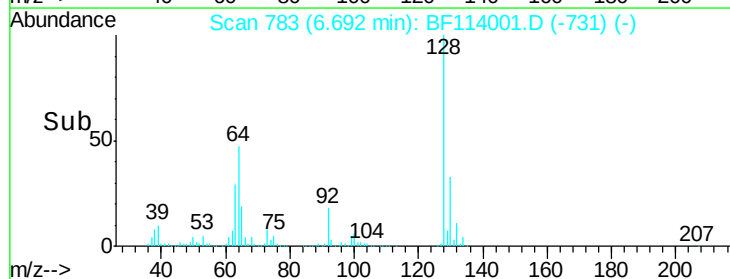
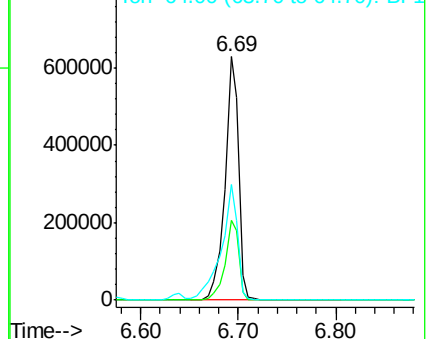
128 100

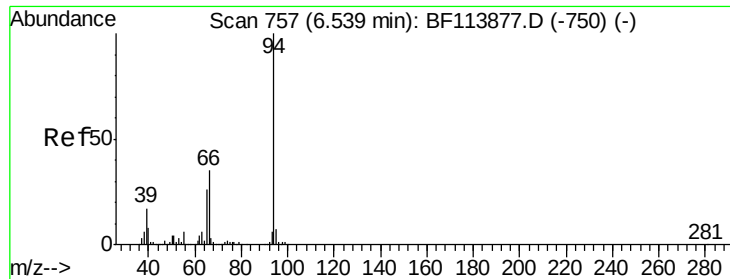
130 32.5 12.3 52.3

64 47.3 26.1 66.1



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





#10

Phenol

Concen: 38.909 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

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PB119139BS

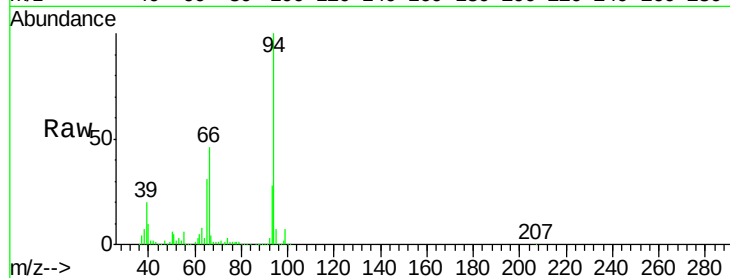
Tot Ion: 94 Resp: 743415

Ion Ratio Lower Upper

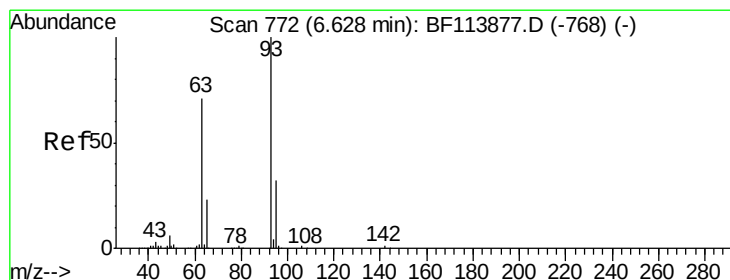
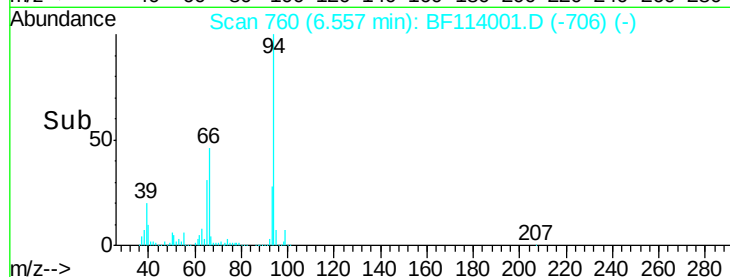
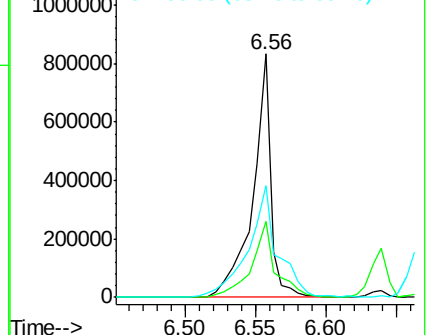
94 100

65 31.1 8.1 48.1

66 46.0 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: 40.726 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

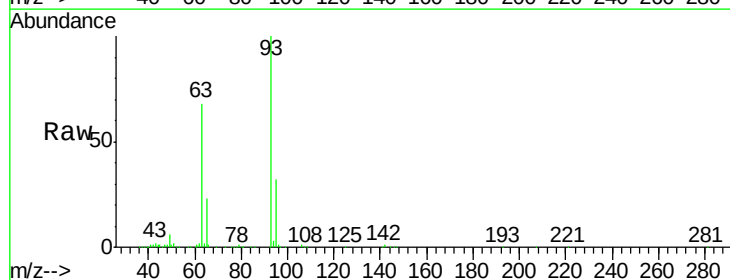
Tgt Ion: 93 Resp: 585548

Ion Ratio Lower Upper

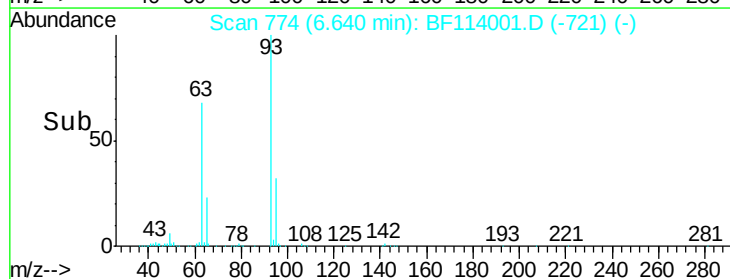
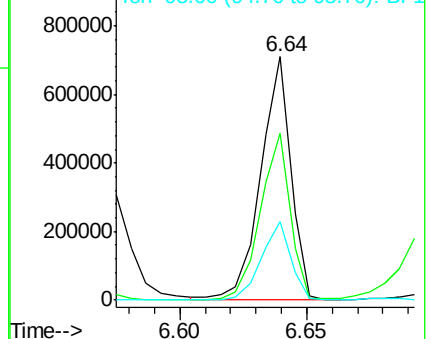
93 100

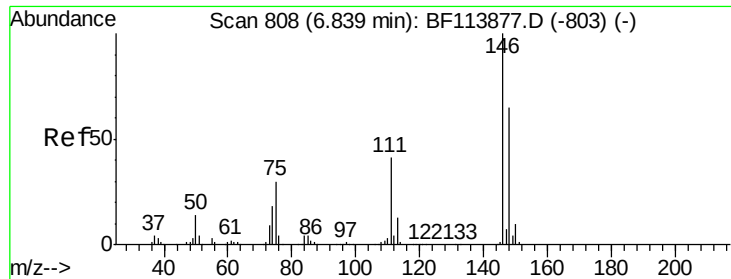
63 68.3 50.7 90.7

95 32.4 12.3 52.3



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

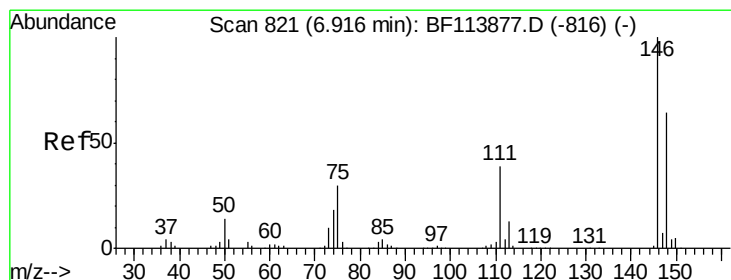
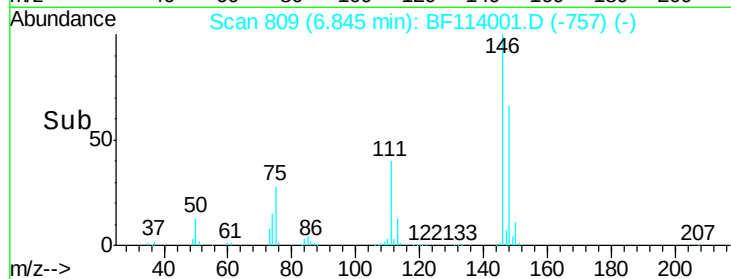
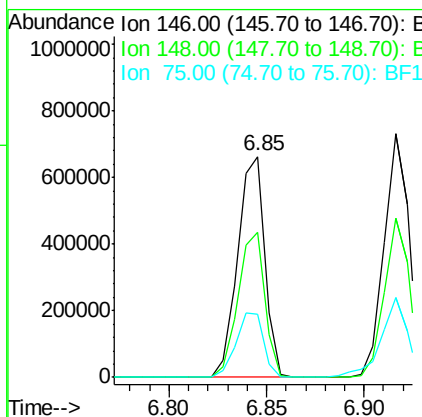
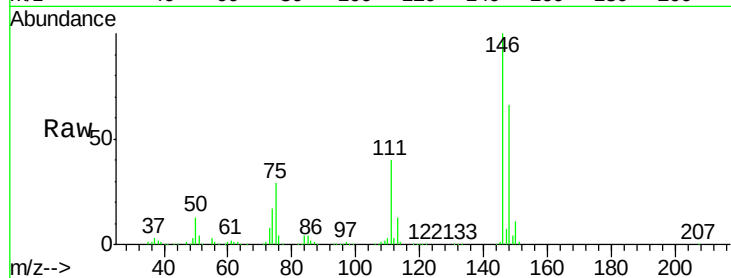




#12
 1,3-Dichlorobenzene
 Concen: 38.830 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

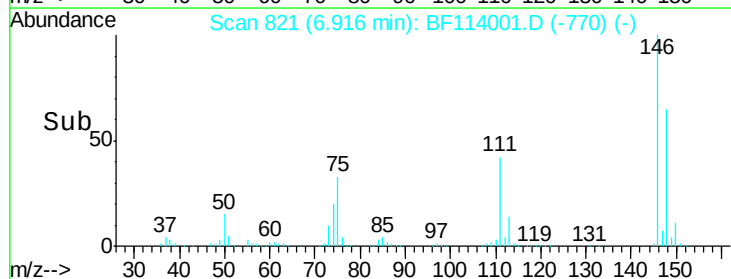
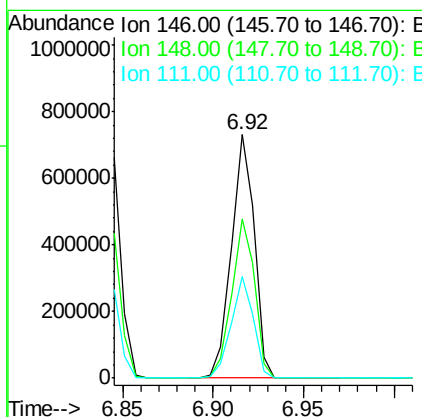
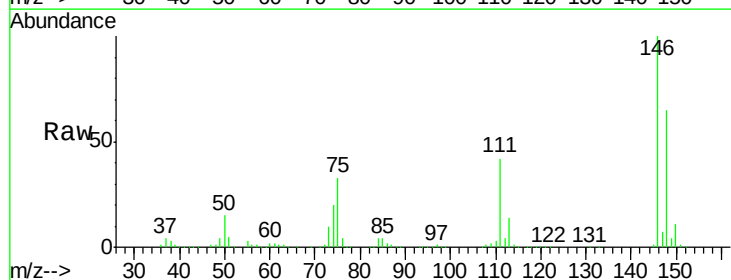
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

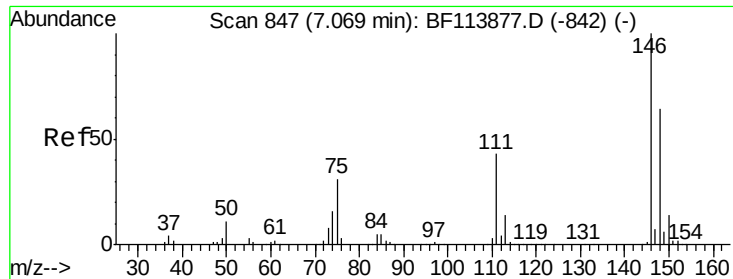
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
75	28.6	23.8	35.8



#13
 1,4-Dichlorobenzene
 Concen: 38.984 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	41.8	30.9	46.3

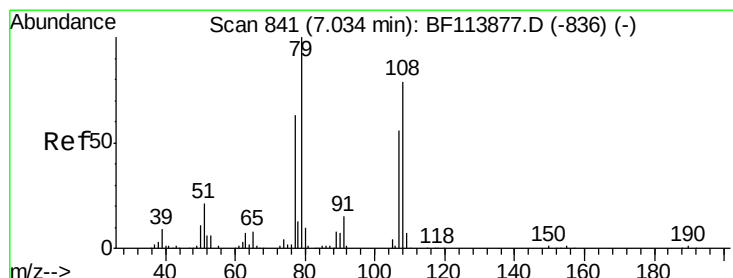
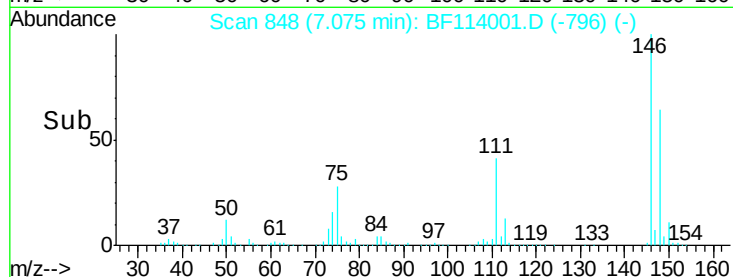
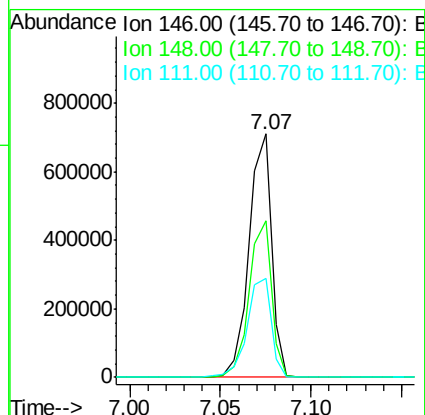
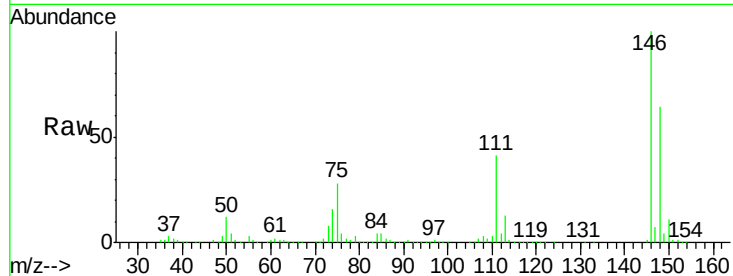




#14
1,2-Dichlorobenzene
Concen: 40.078 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

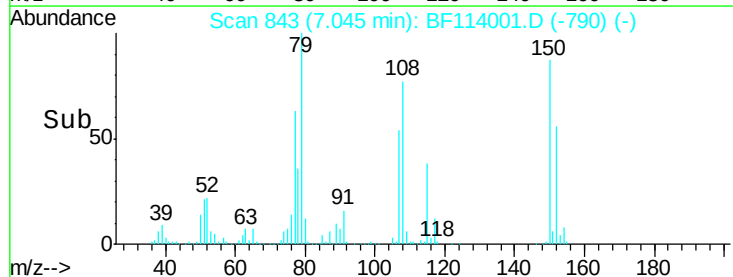
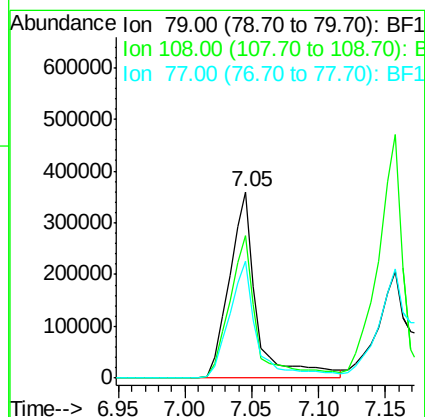
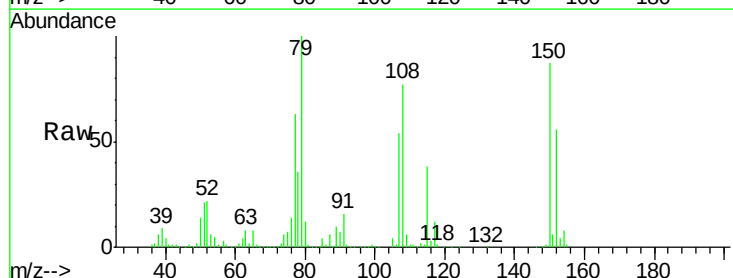
Instrument :
BNA_F
ClientSampleId :
PB119139BS

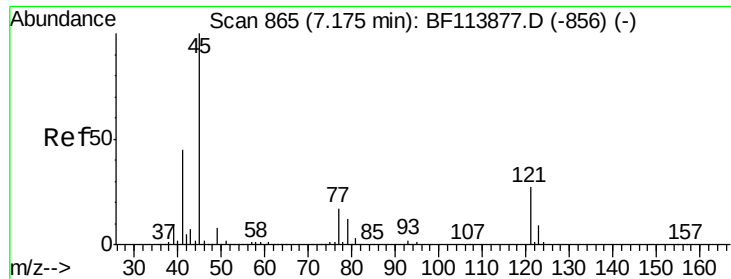
Tot Ion:146 Resp: 610071
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
111 40.9 34.2 51.4



#15
Benzyl Alcohol
Concen: 48.373 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 79 Resp: 520551
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 62.9 51.6 77.4

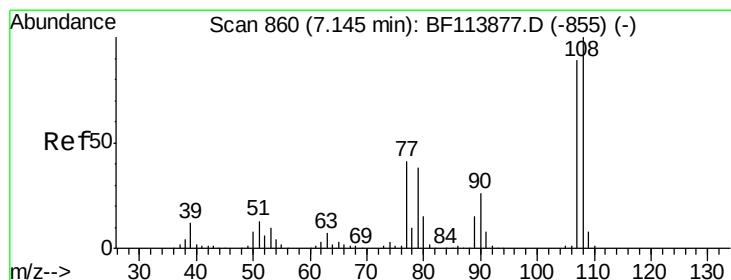
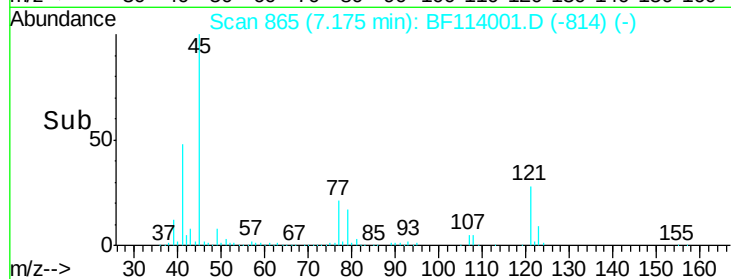
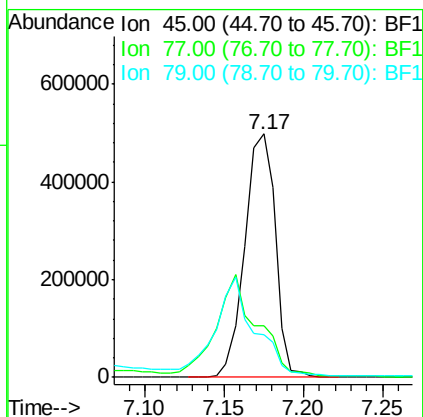
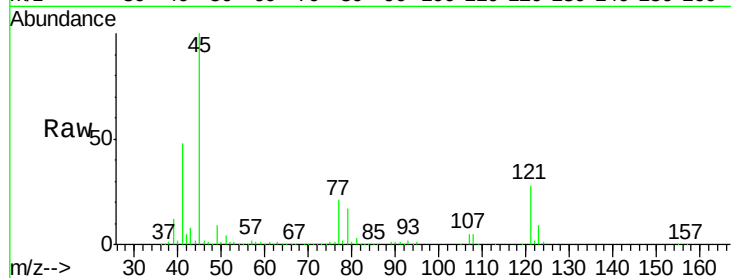




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.752 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

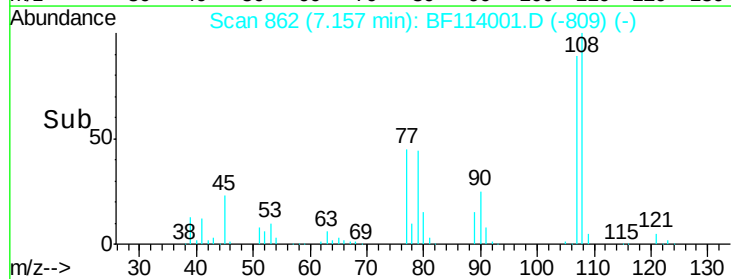
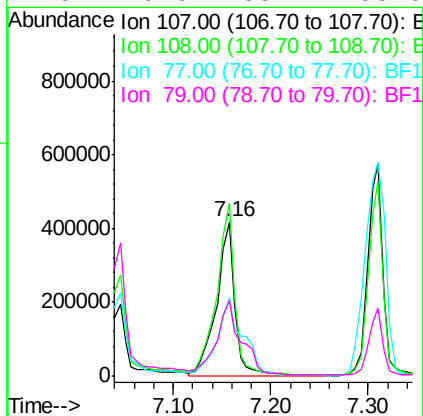
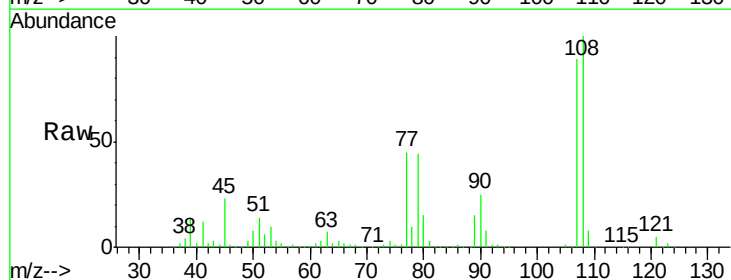
Instrument :
BNA_F
ClientSampleId :
PB119139BS

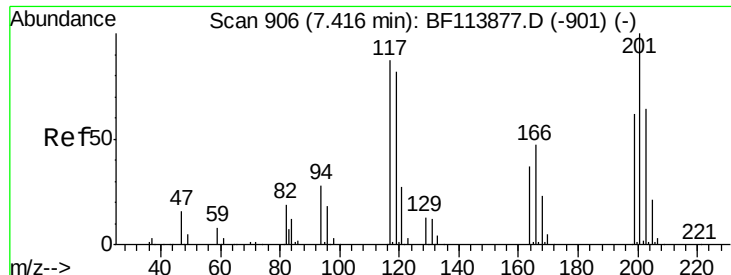
Tot Ion: 45 Resp: 667174
Ion Ratio Lower Upper
45 100
77 21.4 0.0 37.0
79 17.4 0.0 32.7



#17
2-Methylphenol
Concen: 43.533 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 107 Resp: 554849
Ion Ratio Lower Upper
107 100
108 112.4 91.5 137.3
77 50.3 36.2 54.4
79 49.0 35.4 53.0

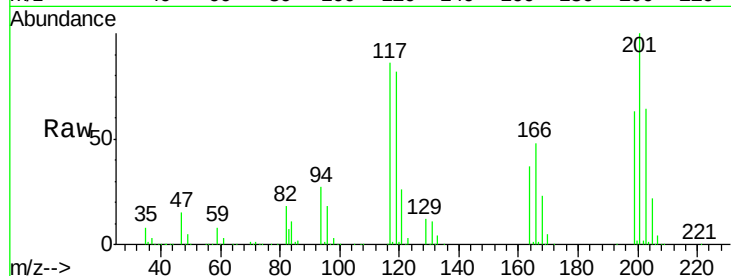




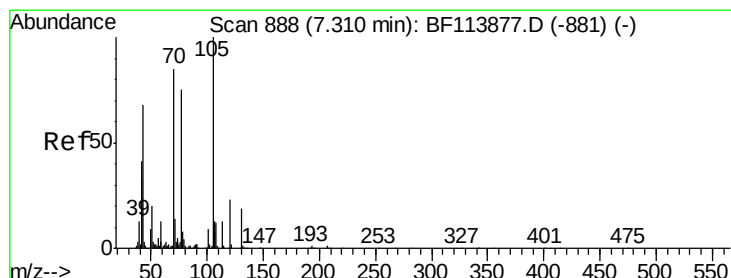
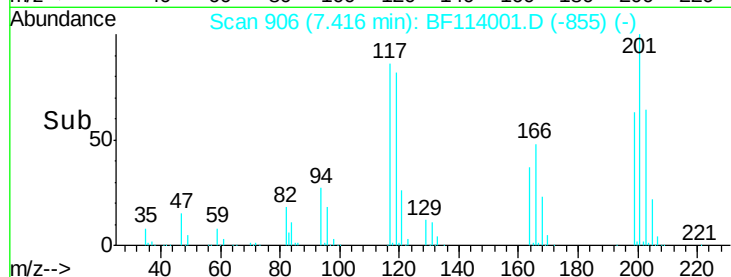
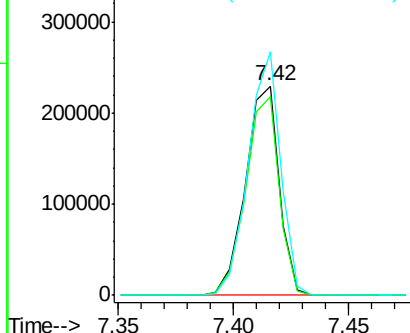
#18
Hexachloroethane
Concen: 40.292 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tot Ion:117 Resp: 233944
Ion Ratio Lower Upper
117 100
119 94.8 74.4 111.6
201 116.2 90.2 135.2

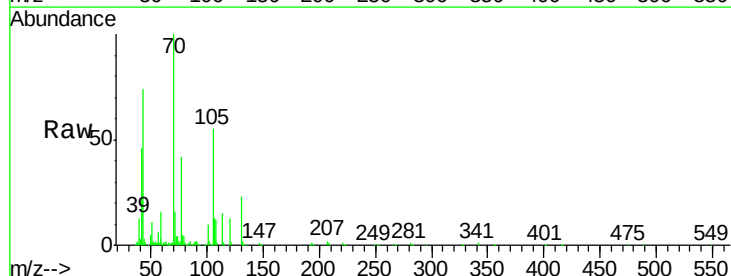


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

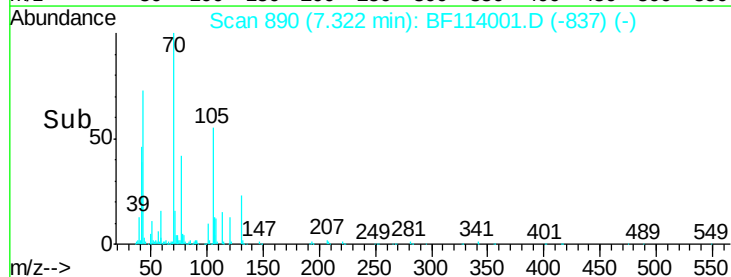
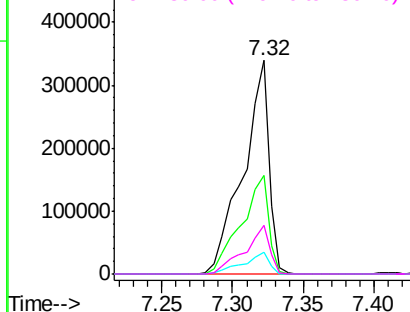


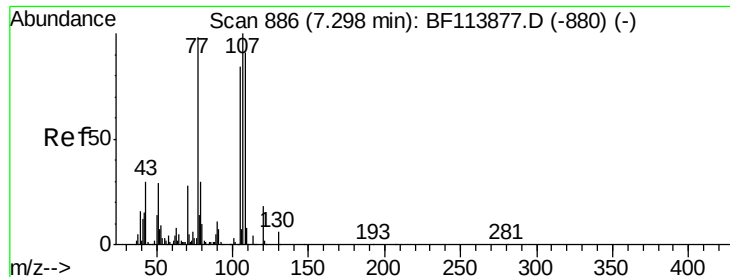
#19
n-Nitroso-di-n-propylamine
Concen: 42.077 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 70 Resp: 435380
Ion Ratio Lower Upper
70 100
42 46.0 37.3 55.9
101 10.2 7.8 11.8
130 22.6 18.2 27.2



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





#20

3+4-Methylphenols

Concen: 42.809 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

Tot Ion:107 Resp: 616450

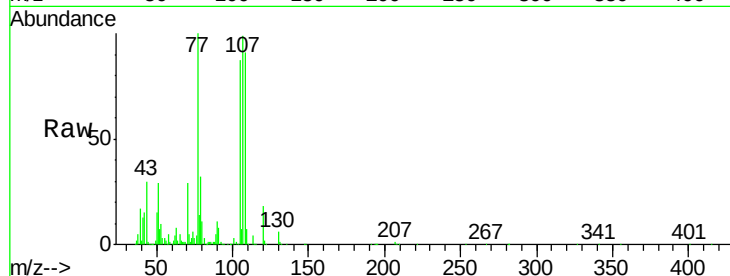
Ion Ratio Lower Upper

107 100

108 91.7 70.1 110.1

77 100.7 52.9 92.9#

79 32.2 10.2 50.2

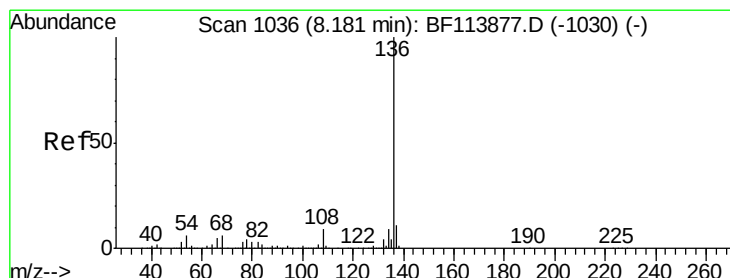
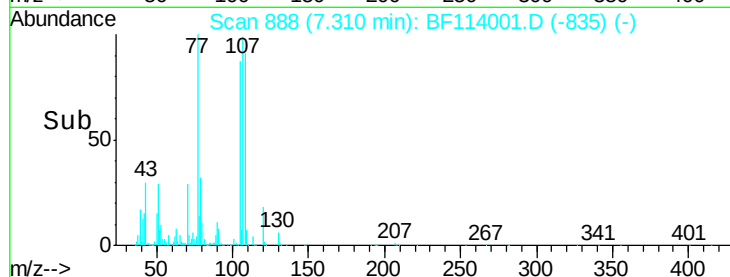
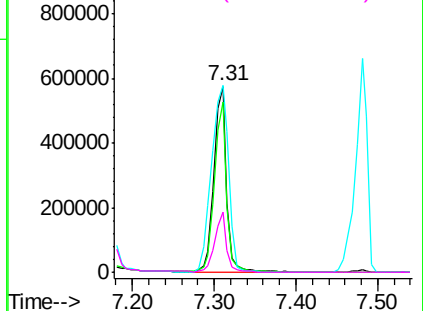


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:136 Resp: 880277

Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.2 5.0 7.6

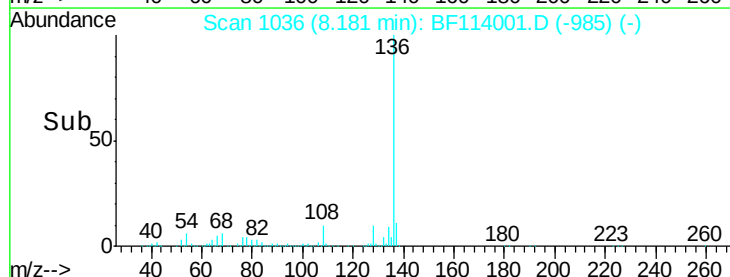
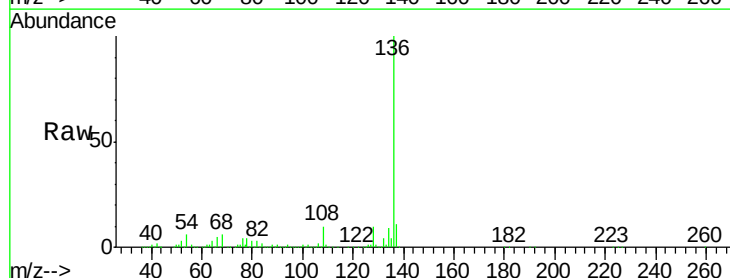
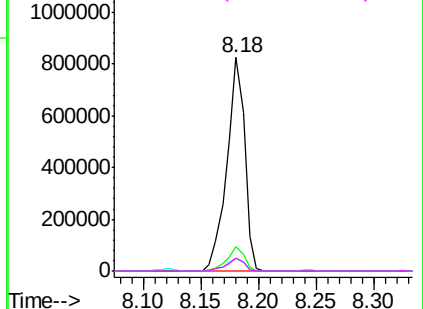
68 6.3 4.9 7.3

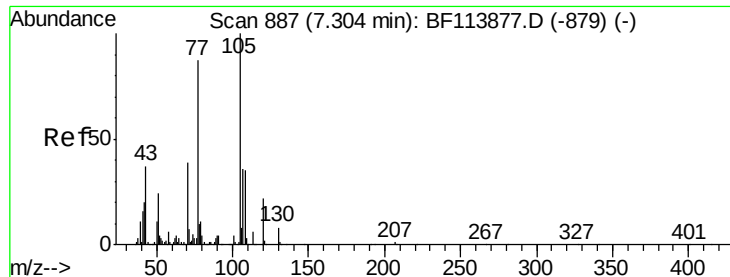
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.190 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

Tot Ion:105 Resp: 846049

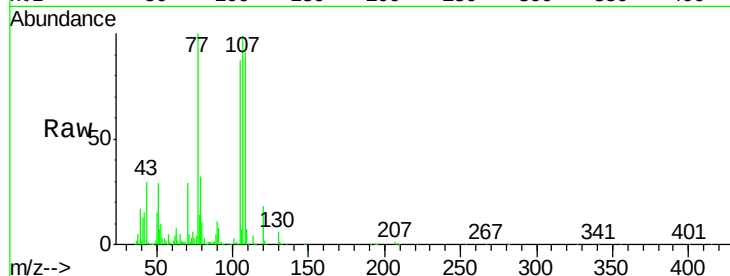
Ion Ratio Lower Upper

105 100

71 5.8 6.1 9.1#

51 33.5 16.8 25.2#

120 21.2 17.6 26.4

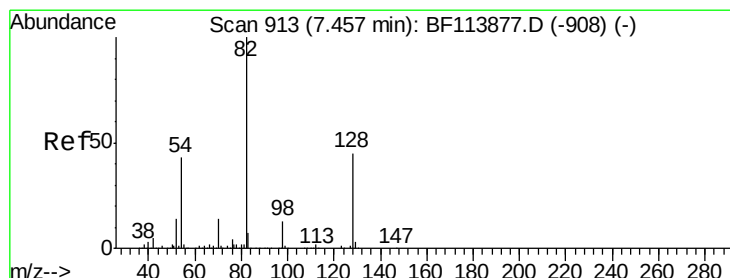
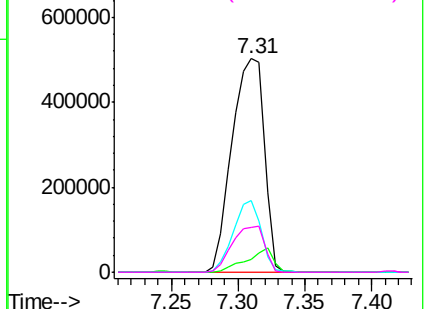
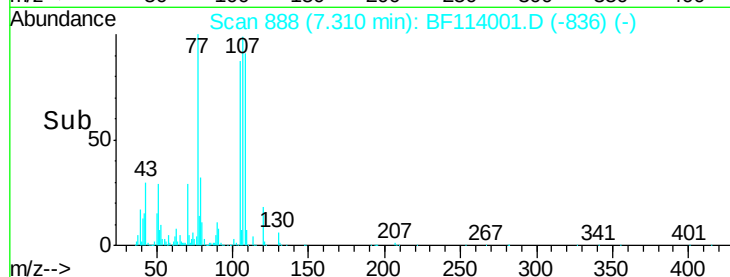


Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.184 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

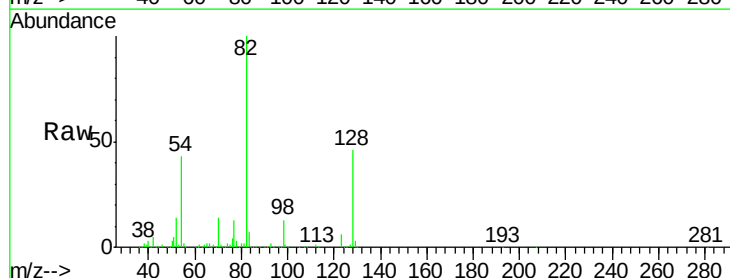
Tgt Ion: 82 Resp: 1143182

Ion Ratio Lower Upper

82 100

128 46.4 36.8 55.2

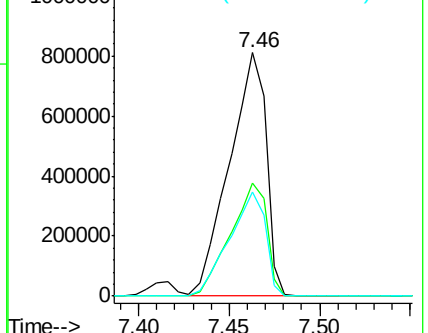
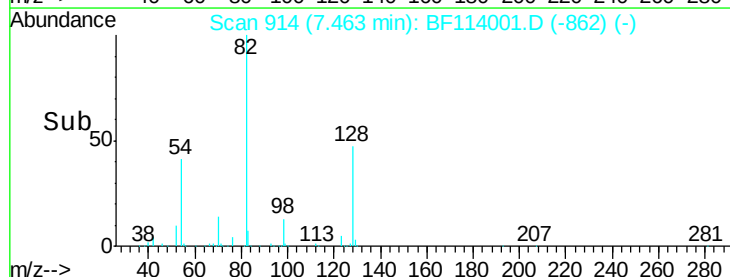
54 42.7 33.8 50.6

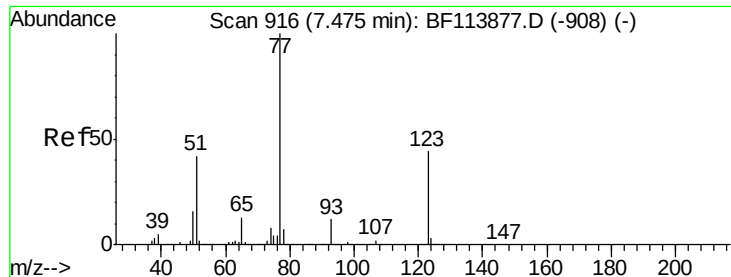


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

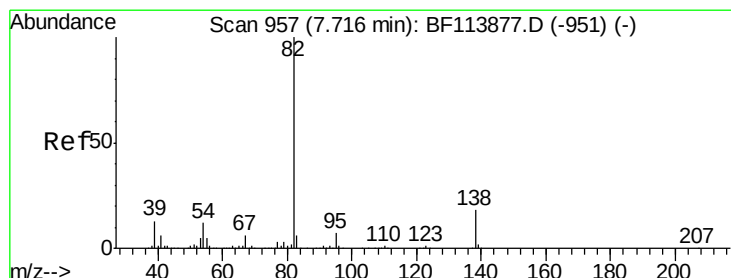
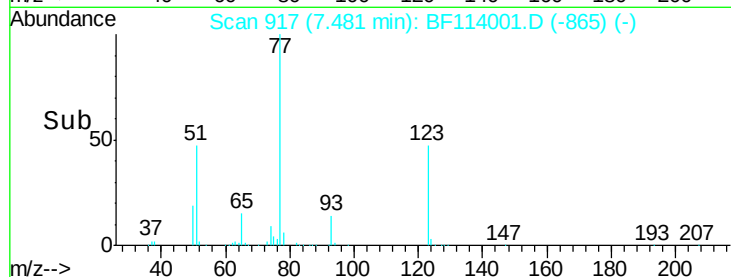
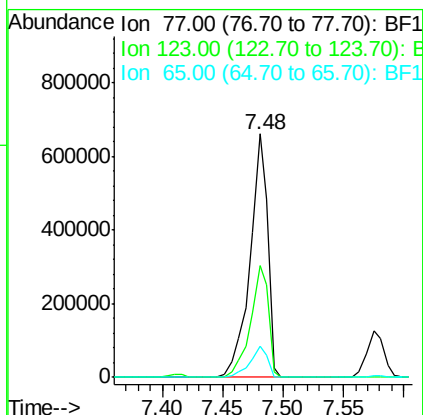
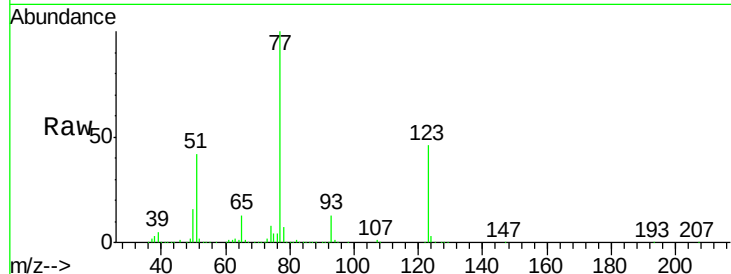




#24
 Nitrobenzene
 Concen: 42.812 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

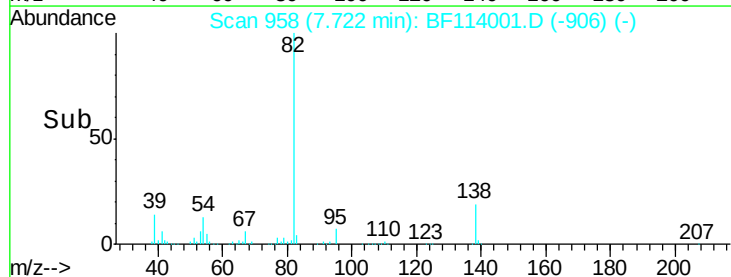
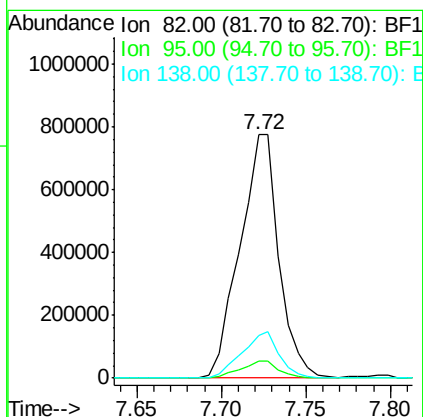
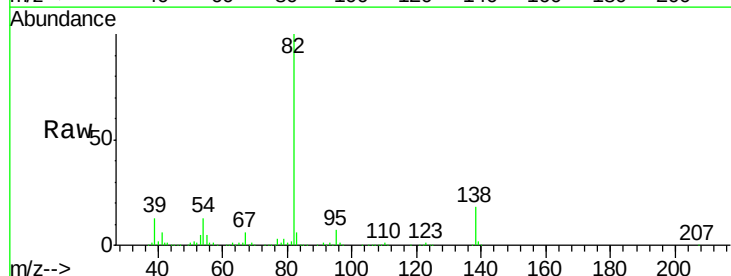
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

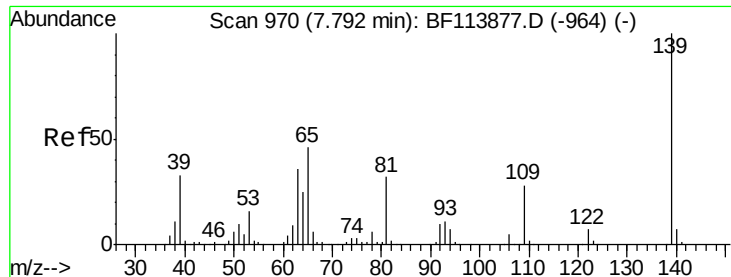
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.3	54.5
65	12.9	10.3	15.5



#25
 Isophorone
 Concen: 42.790 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.7	14.6	22.0

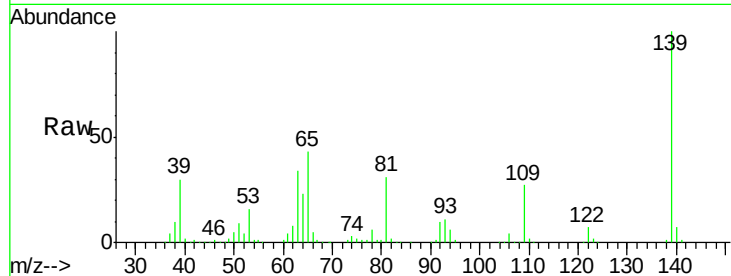




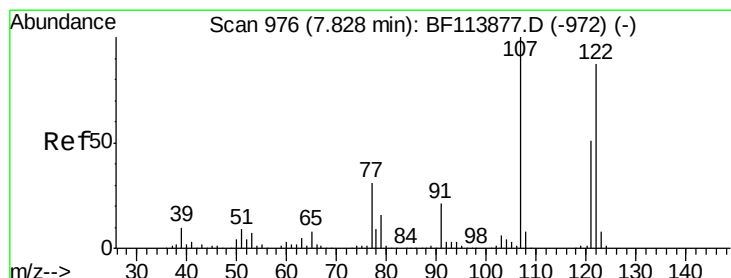
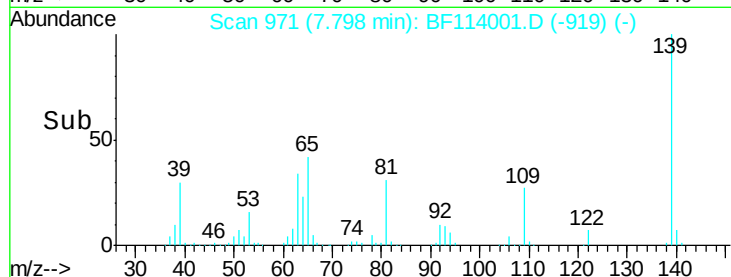
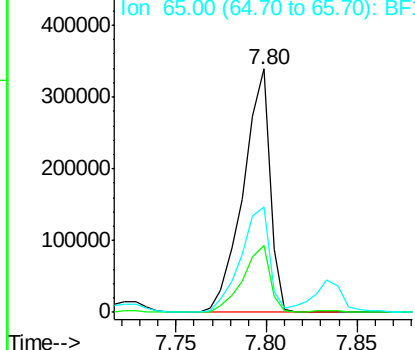
#26
 2-Nitrophenol
 Concen: 48.798 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.3	20.6	31.0
65	43.0	34.6	52.0

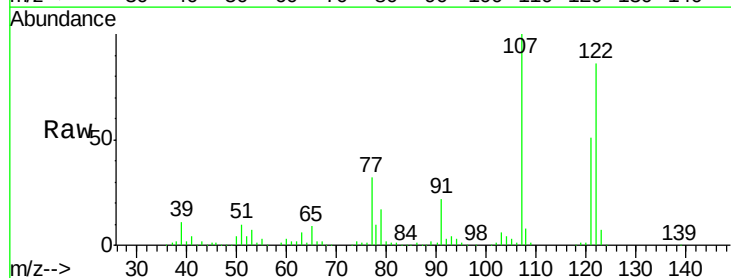


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

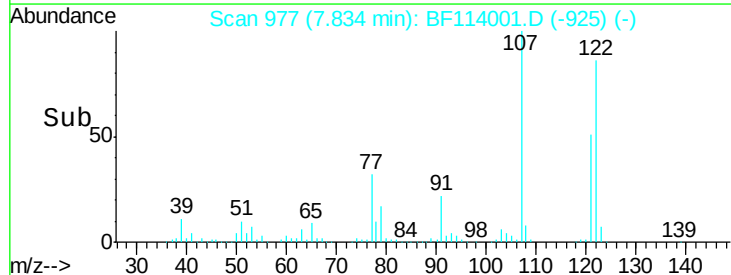
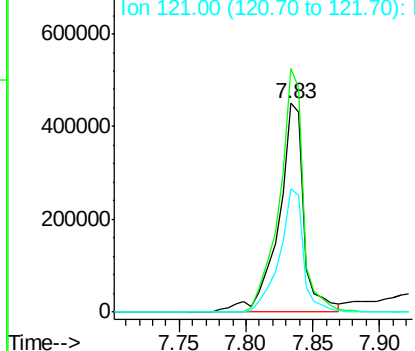


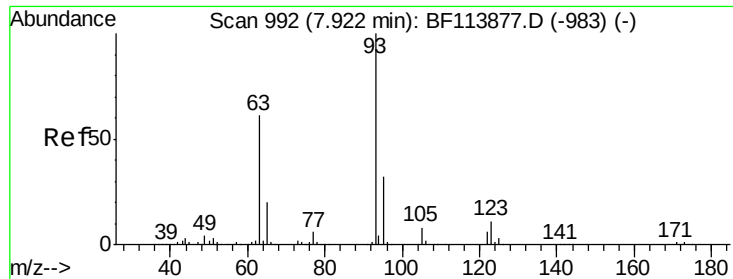
#27
 2,4-Dimethylphenol
 Concen: 51.031 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	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

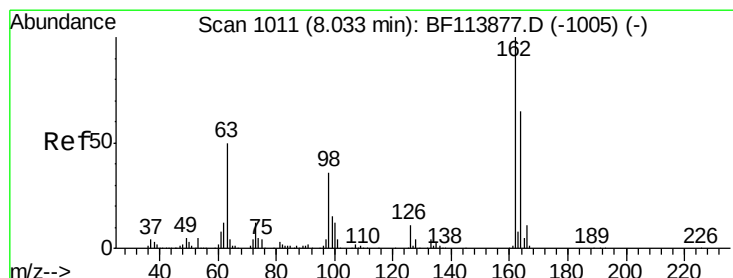
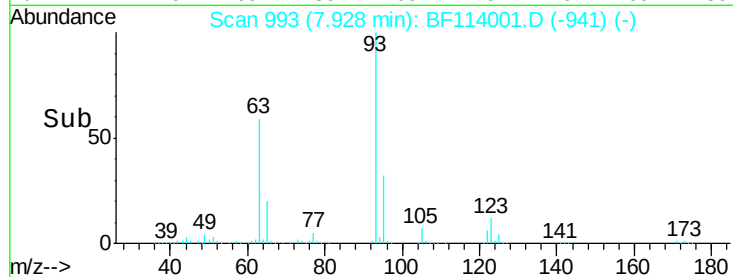
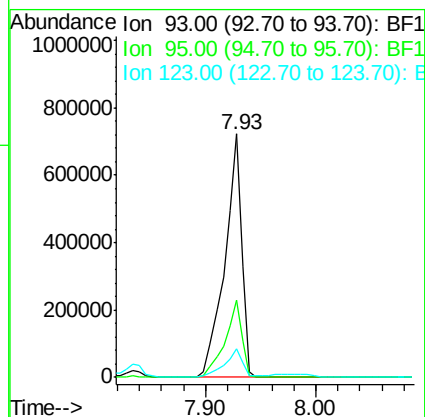
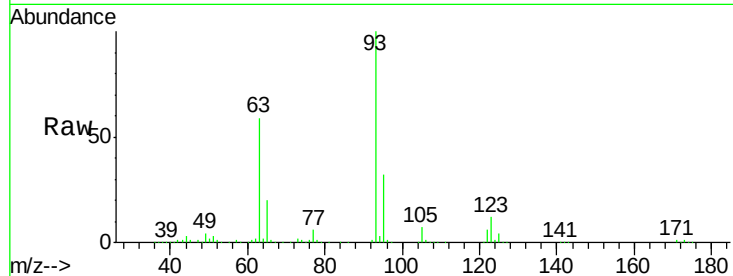




#28
bis(2-Chloroethoxy)methane
Concen: 41.656 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

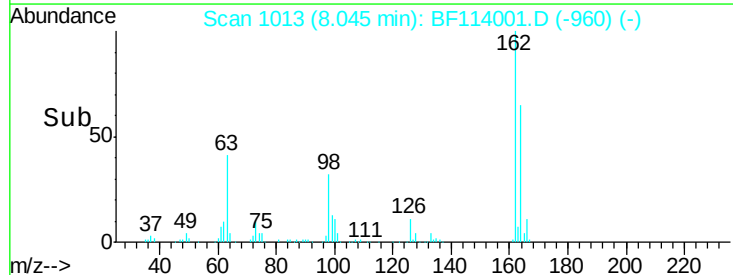
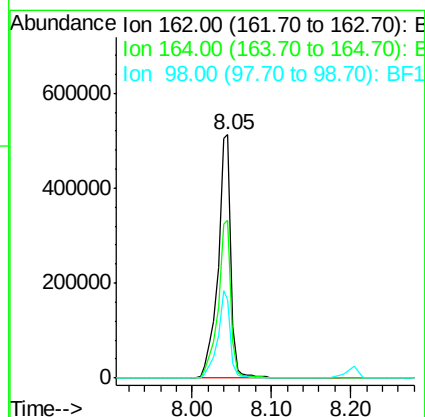
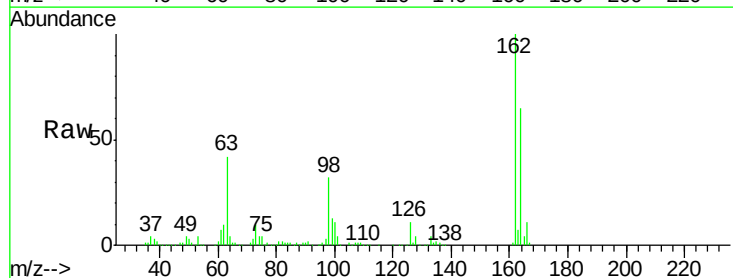
Instrument :
BNA_F
ClientSampleId :
PB119139BS

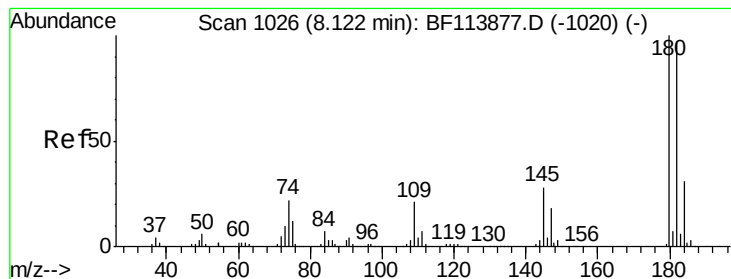
Tot Ion: 93 Resp: 774341
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 11.7 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 43.373 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 162 Resp: 580754
Ion Ratio Lower Upper
162 100
164 64.8 43.7 83.7
98 32.3 15.5 55.5





#30

1,2,4-Trichlorobenzene

Concen: 42.385 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

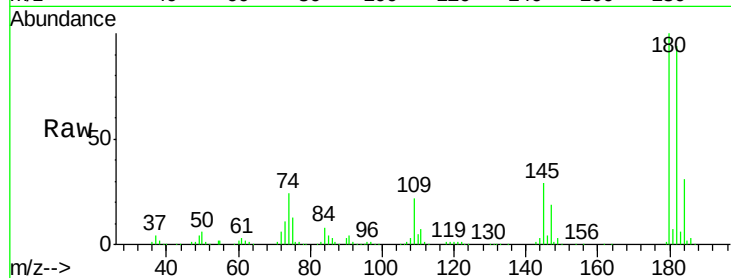
Tot Ion:180 Resp: 632802

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

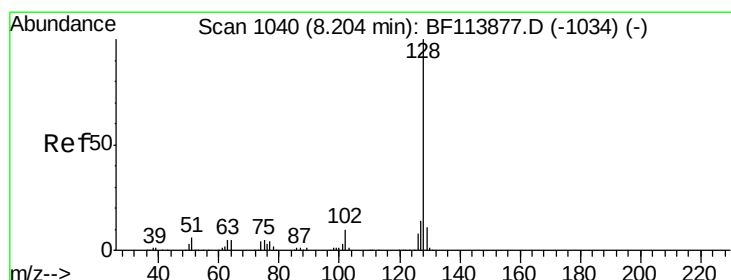
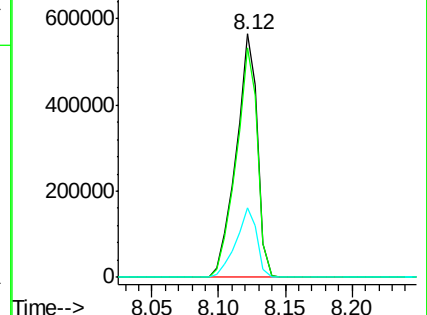
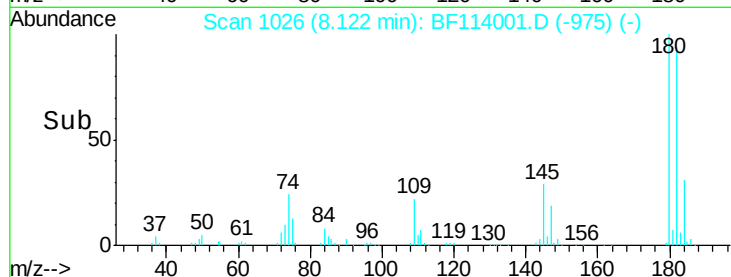
145 28.6 23.0 34.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 41.962 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

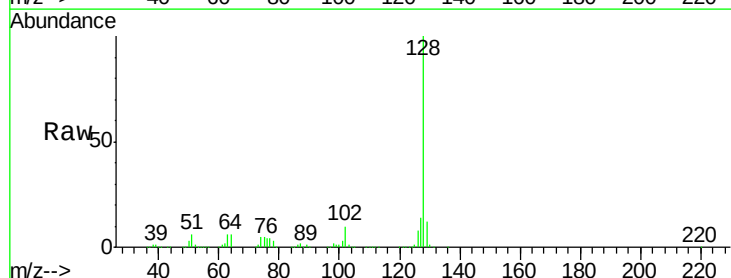
Tgt Ion:128 Resp: 1754789

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

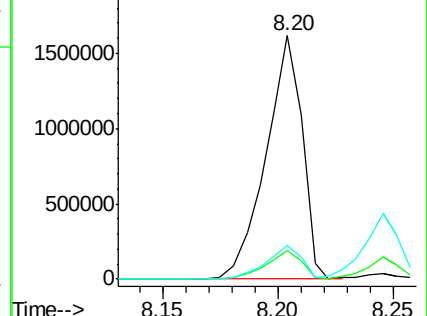
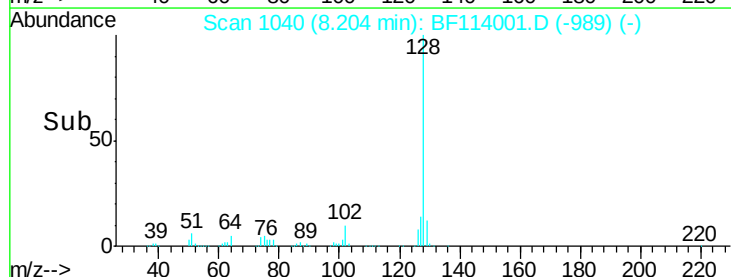
127 13.8 10.8 16.2

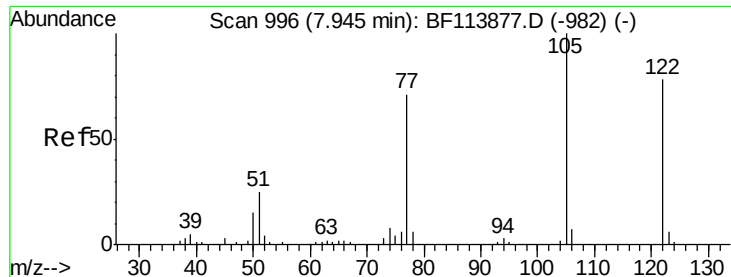


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 53.343 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.05 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

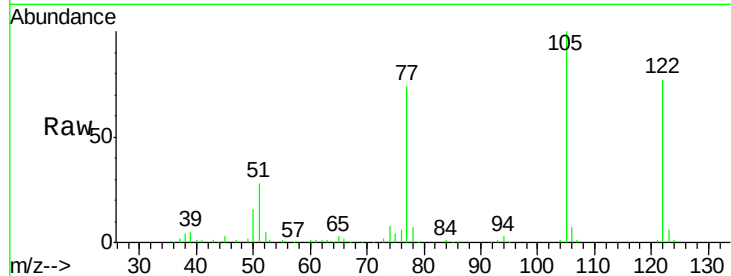
Tot Ion:122 Resp: 421799

Ion Ratio Lower Upper

122 100

105 129.5 104.3 144.3

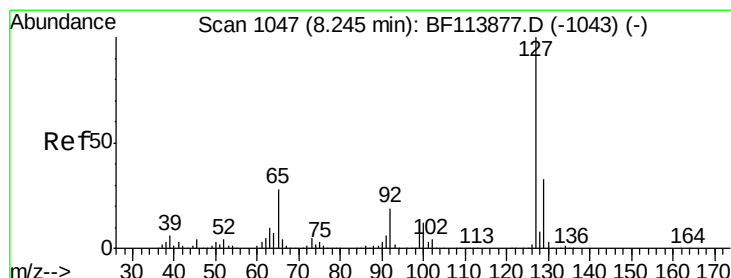
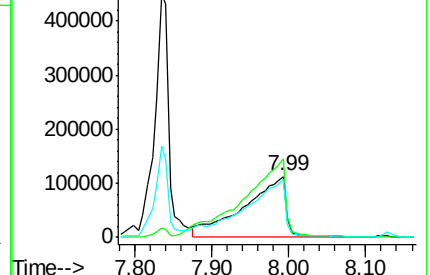
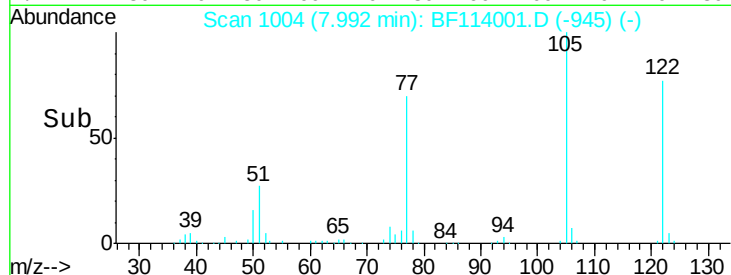
77 95.5 70.4 110.4



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: 28.533 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:127 Resp: 504873

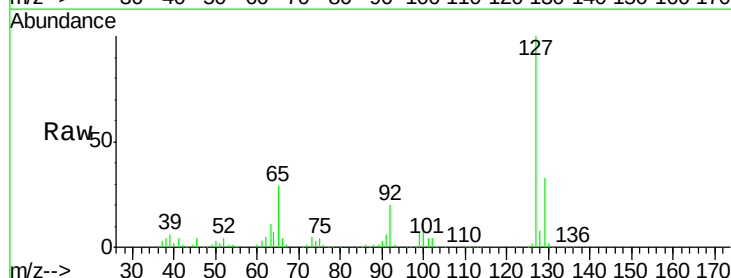
Ion Ratio Lower Upper

127 100

129 32.7 26.4 39.6

65 29.3 24.9 37.3

92 20.5 15.9 23.9

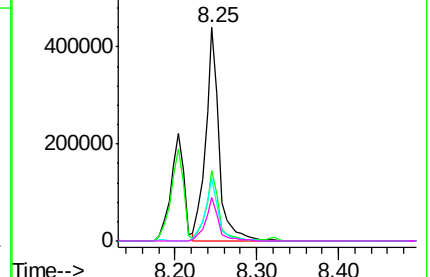
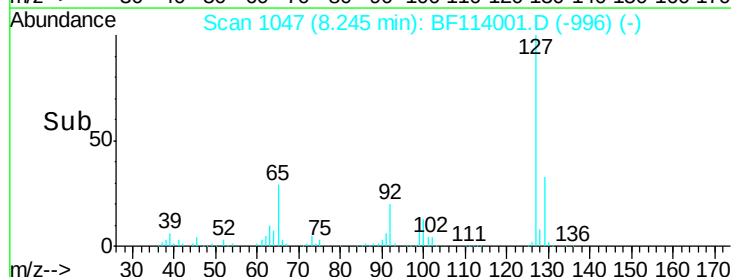


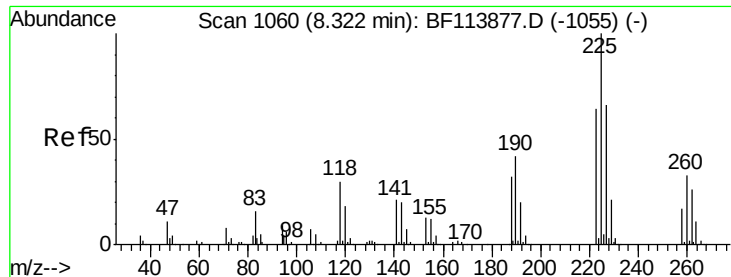
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 40.498 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

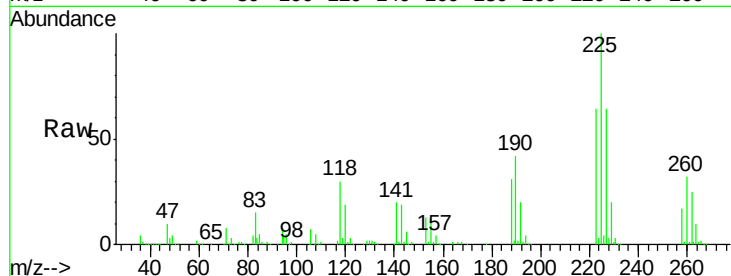
Tot Ion:225 Resp: 376910

Ion Ratio Lower Upper

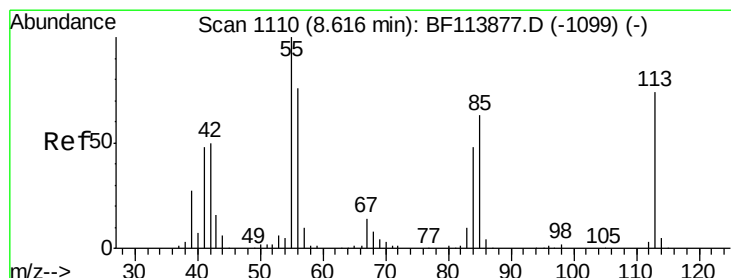
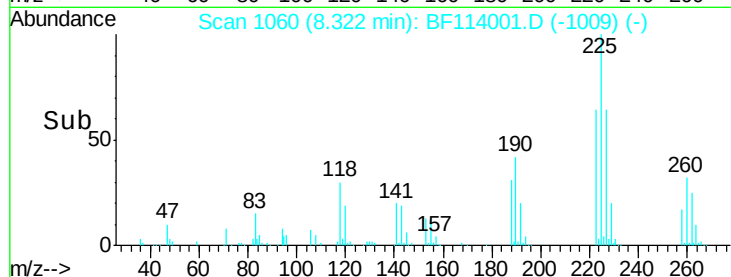
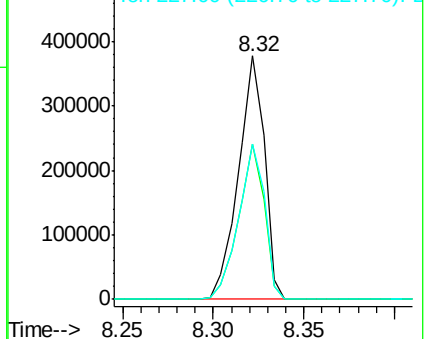
225 100

223 63.8 51.1 76.7

227 63.7 49.9 74.9



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



#35

Caprolactam

Concen: 27.537 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.03 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

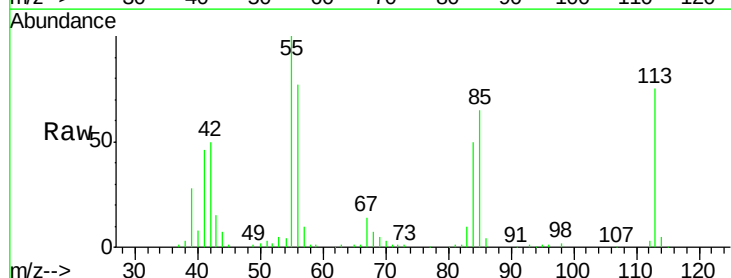
Tgt Ion:113 Resp: 117291

Ion Ratio Lower Upper

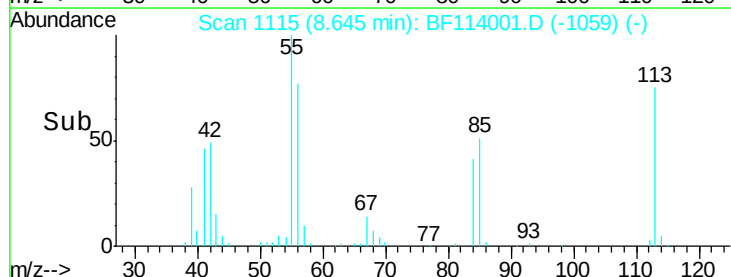
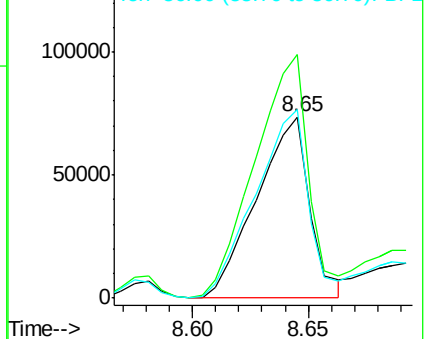
113 100

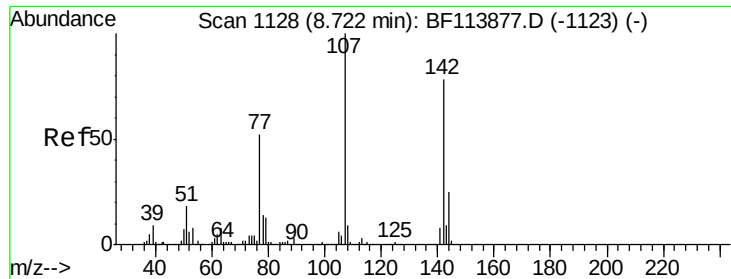
55 134.2 128.6 168.6

56 103.9 91.9 131.9



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

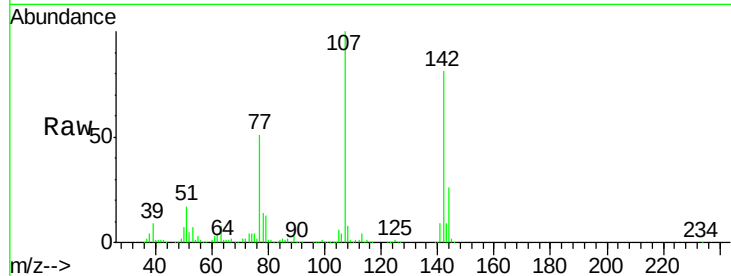




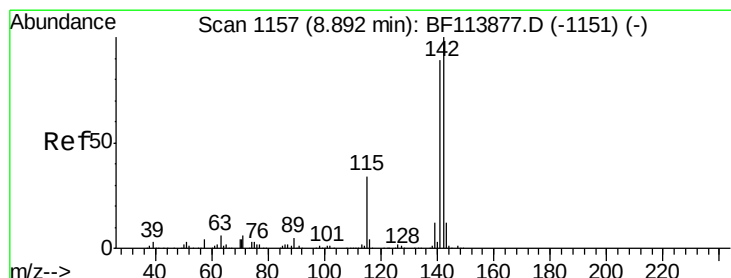
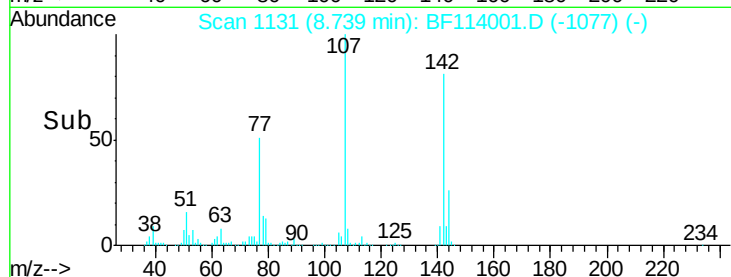
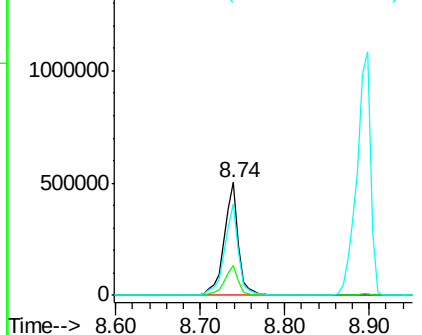
#36
 4-Chloro-3-methylphenol
 Concen: 43.628 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion:107 Resp: 578747
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 81.2 64.2 96.4

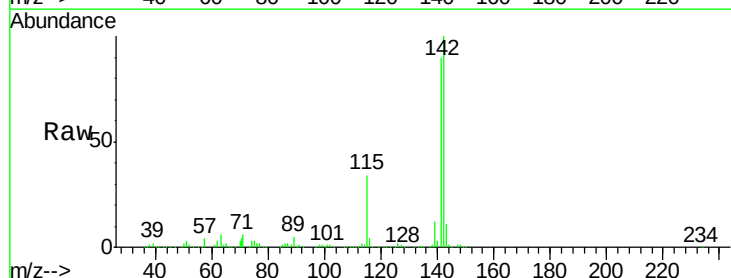


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

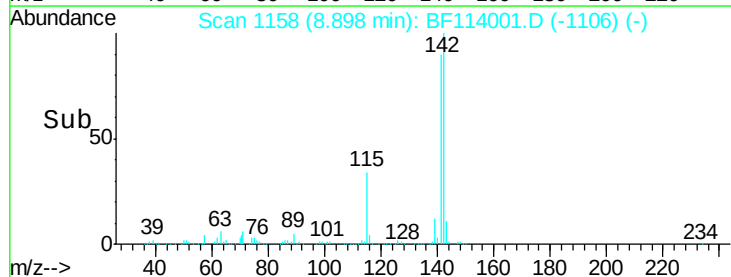
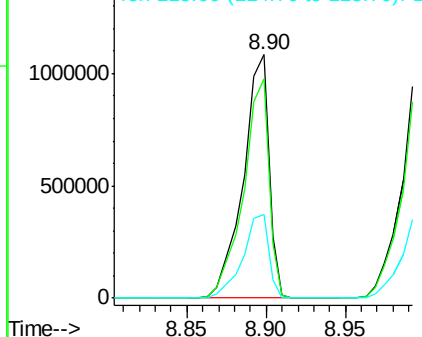


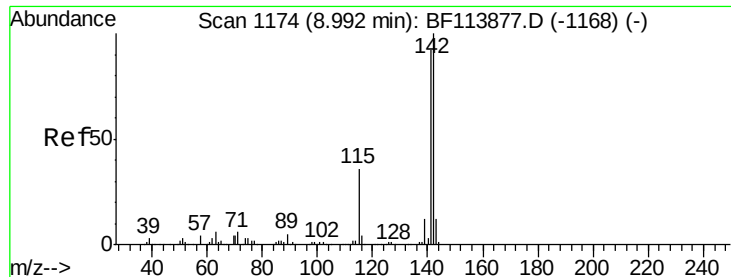
#37
 2-Methylnaphthalene
 Concen: 43.338 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:142 Resp: 1222121
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.4 105.6
 115 34.4 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

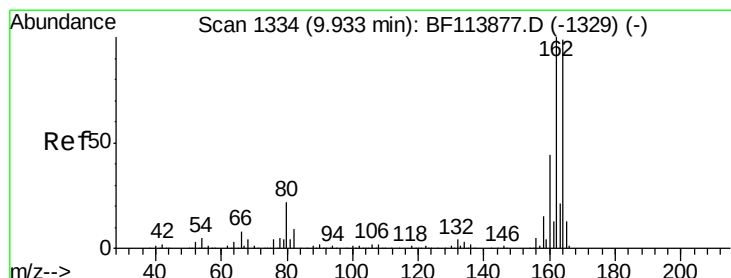
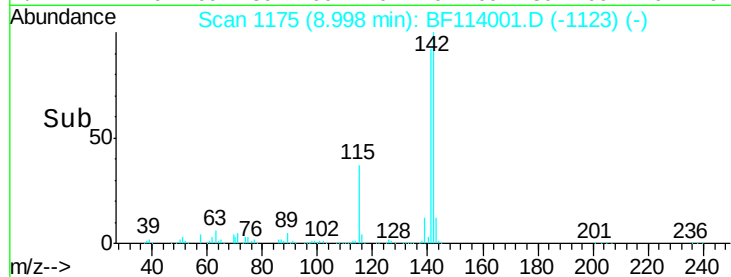
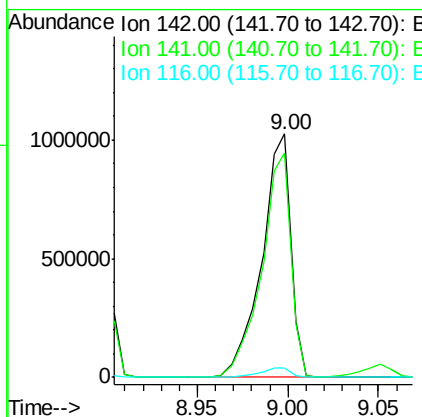
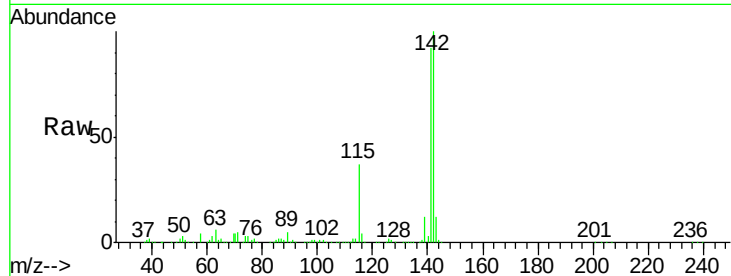




#38
1-Methylnaphthalene
Concen: 42.040 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

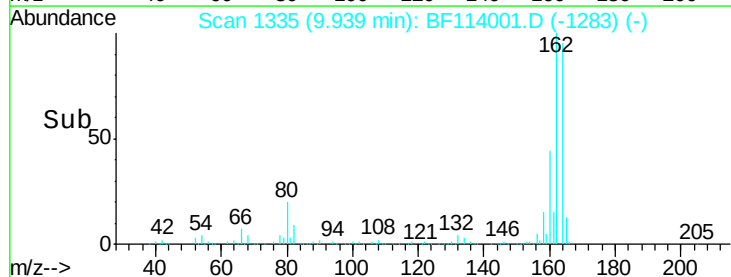
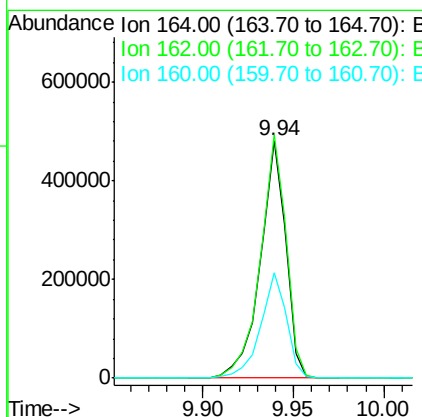
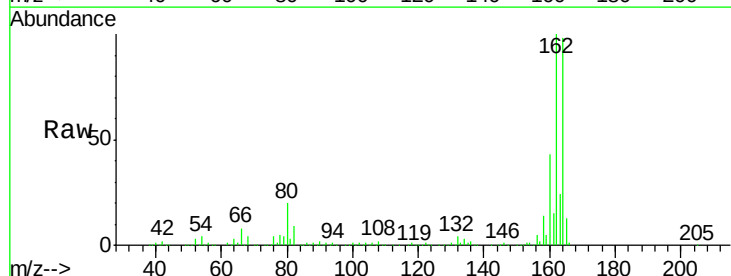
Instrument :
BNA_F
ClientSampleId :
PB119139BS

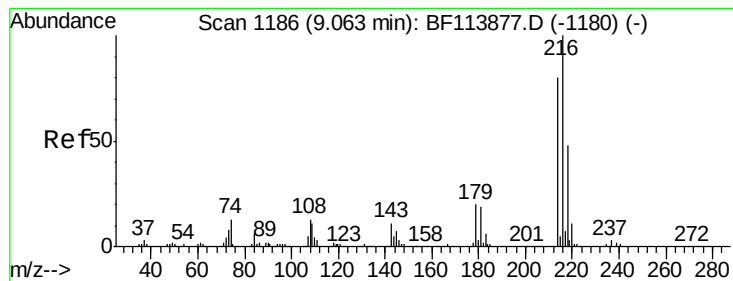
Tot Ion:142 Resp: 1144226
Ion Ratio Lower Upper
142 100
141 92.4 72.3 108.5
116 3.7 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:164 Resp: 471534
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 44.6 35.8 53.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.766 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

Tot Ion:216 Resp: 624408

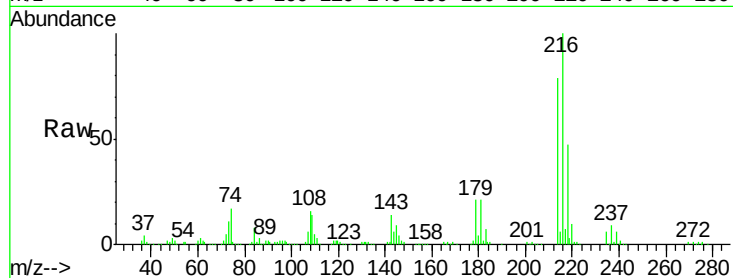
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.8 16.1 24.1

108 17.2 13.4 20.0

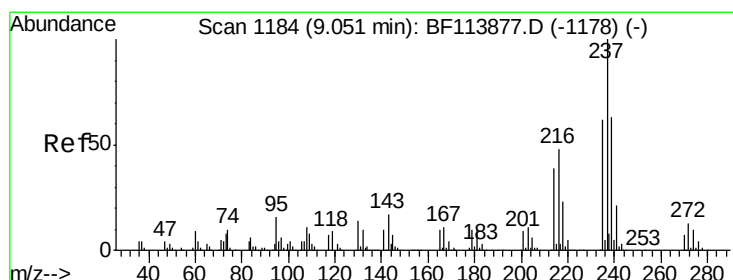
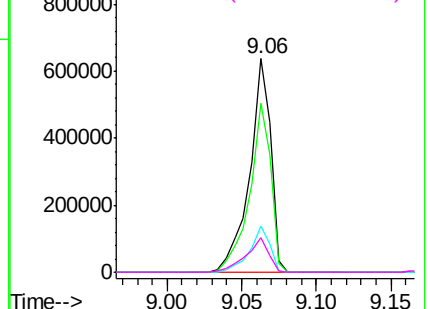
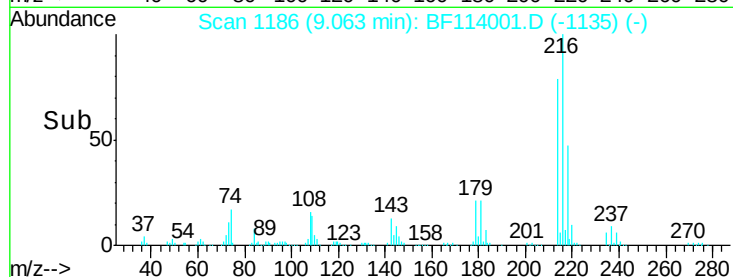


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.100 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

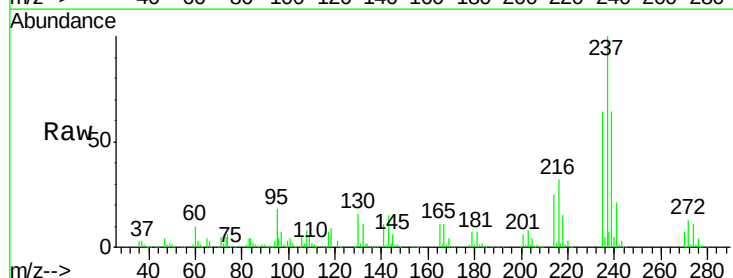
Tgt Ion:237 Resp: 556043

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

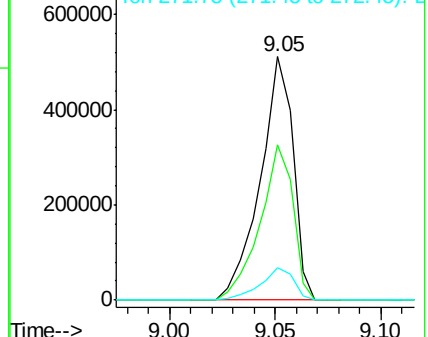
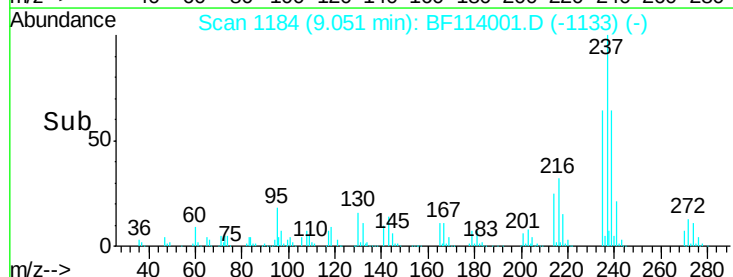
272 13.1 0.0 33.8

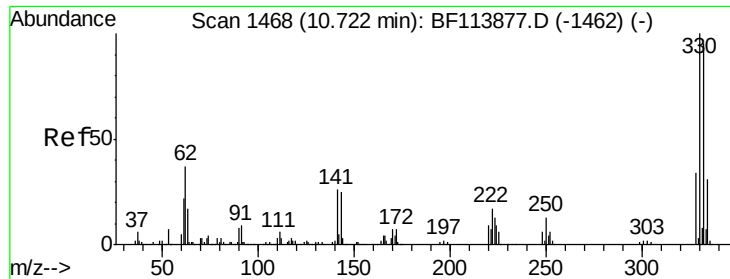


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

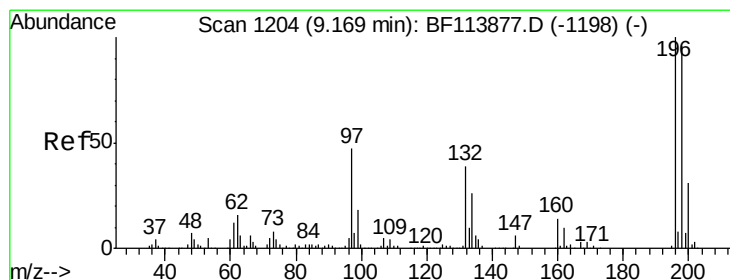
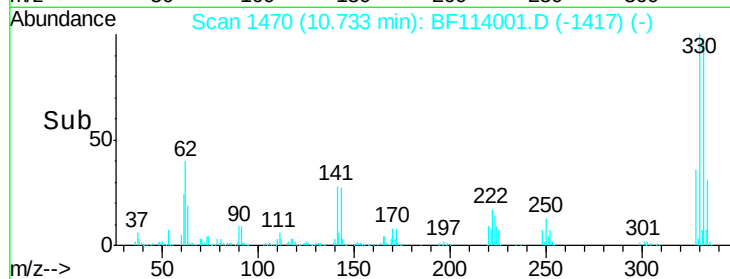
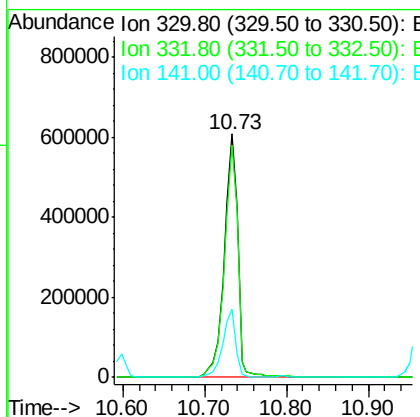
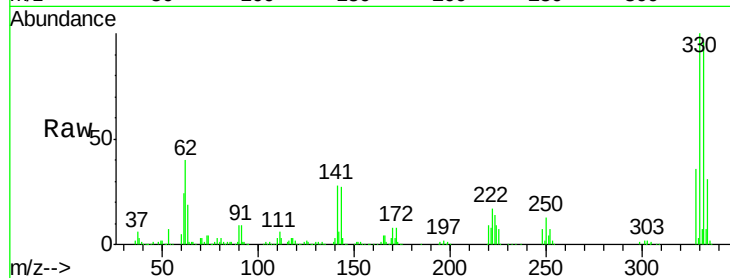




#42
 2,4,6-Tribromophenol
 Concen: 121.312 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

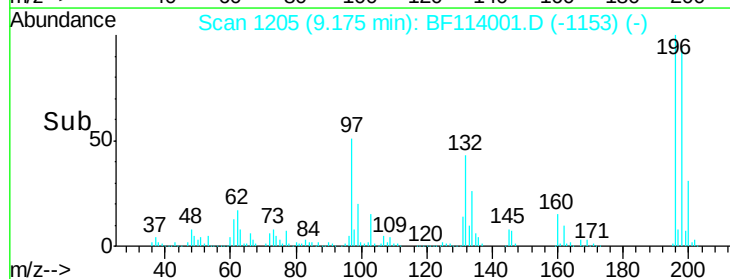
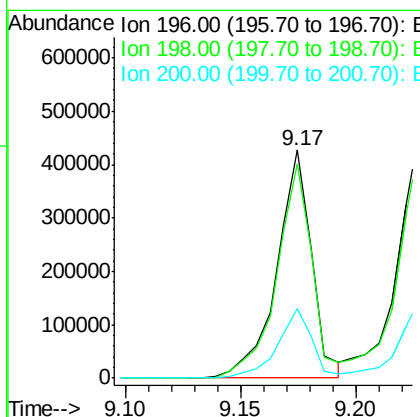
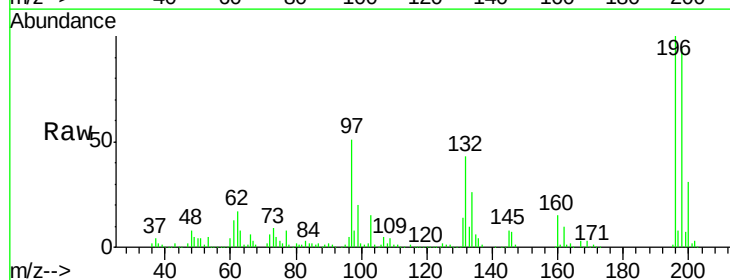
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

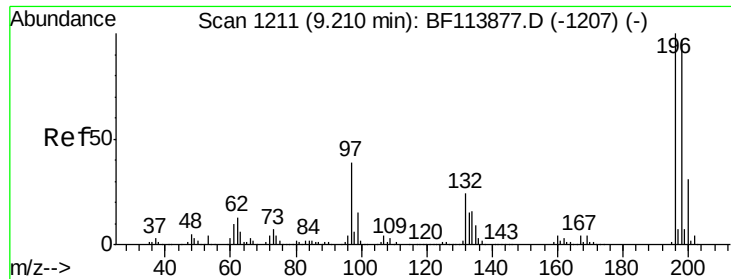
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	26.9	22.2	33.2



#43
 2,4,6-Trichlorophenol
 Concen: 45.765 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.6	113.4
200	30.6	24.7	37.1

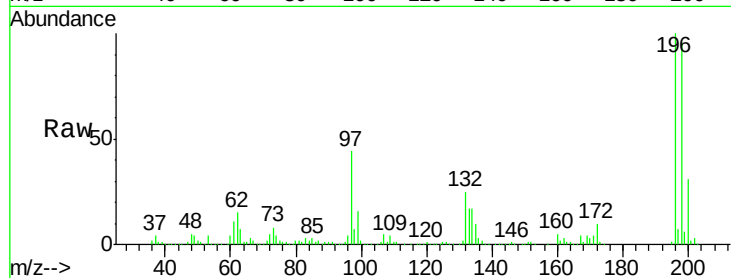




#44
 2,4,5-Trichlorophenol
 Concen: 43.109 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.4
97	43.6	35.8	53.8
132	25.4	20.9	31.3



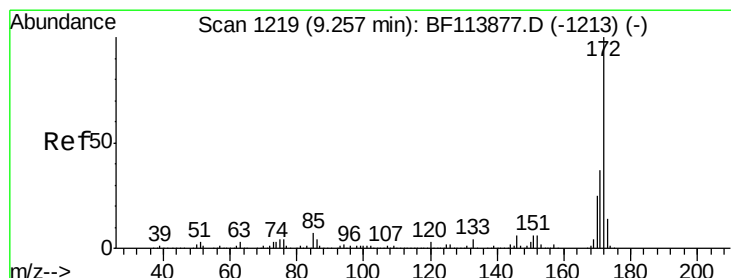
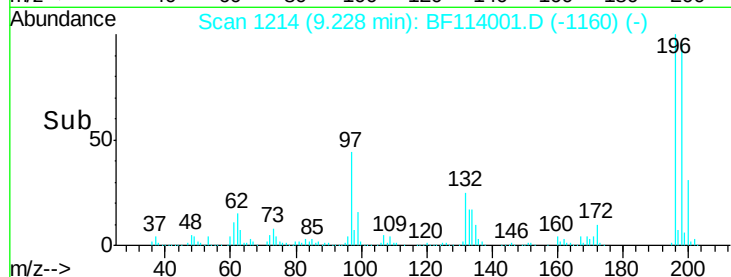
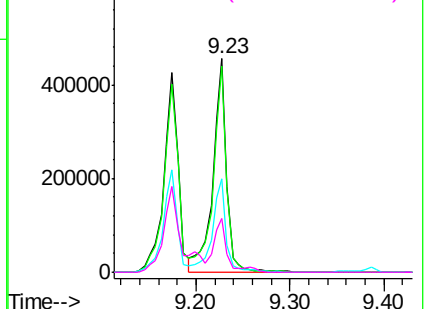
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

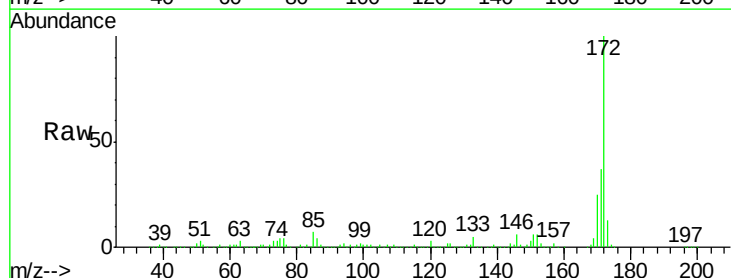
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.033 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.9	19.9	29.9

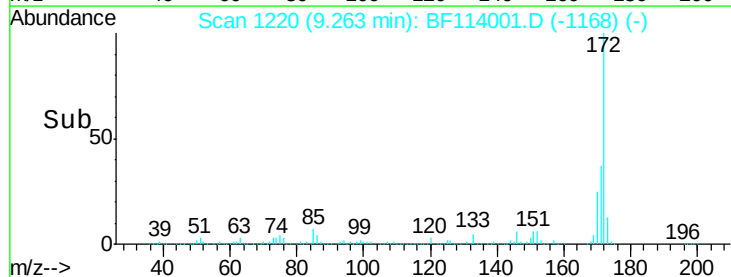
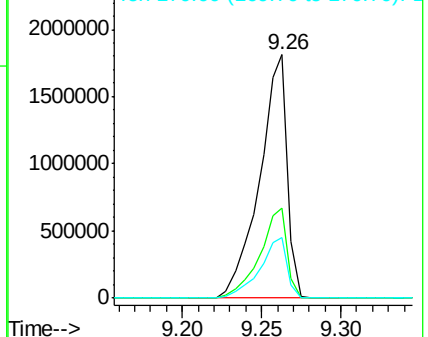


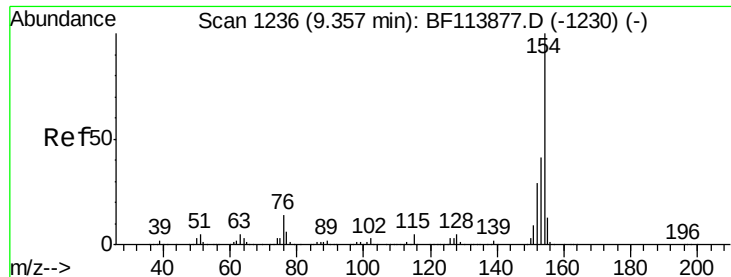
Abundance

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

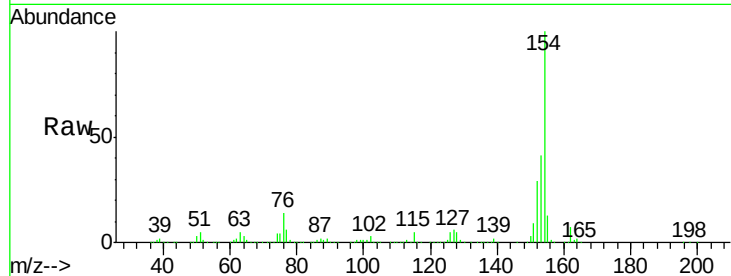




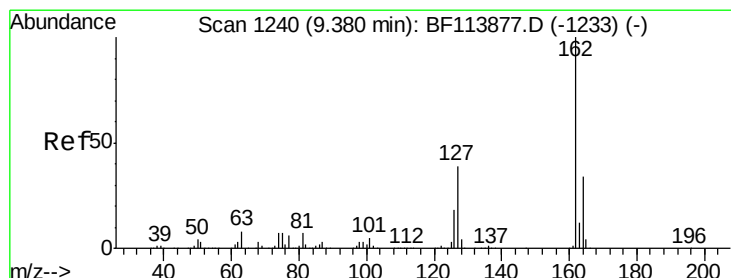
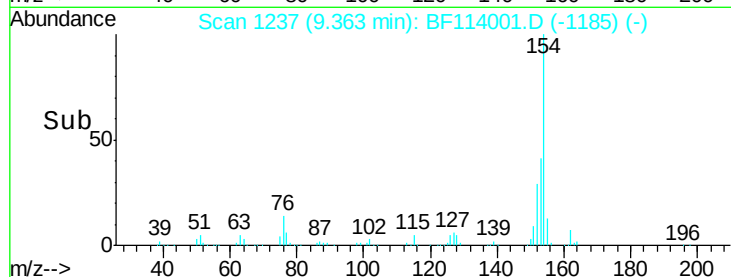
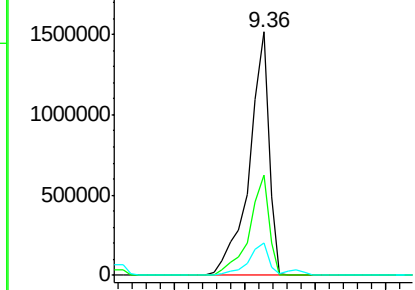
#46
 1,1'-Biphenyl
 Concen: 41.384 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion:	154	Resp:	1490712
Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	13.5	0.0	35.2

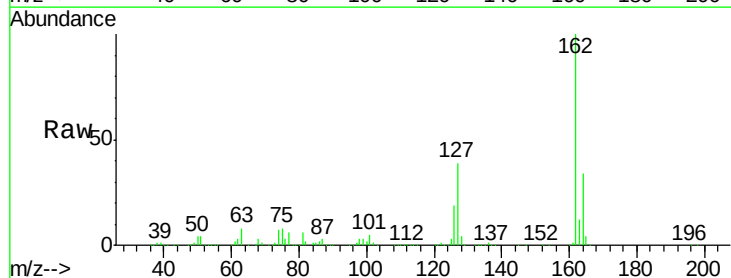


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

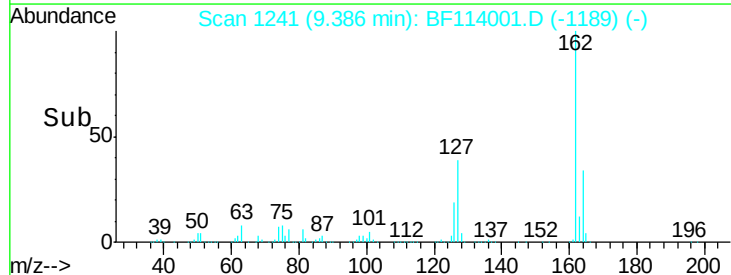
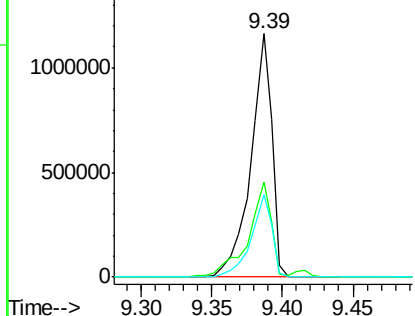


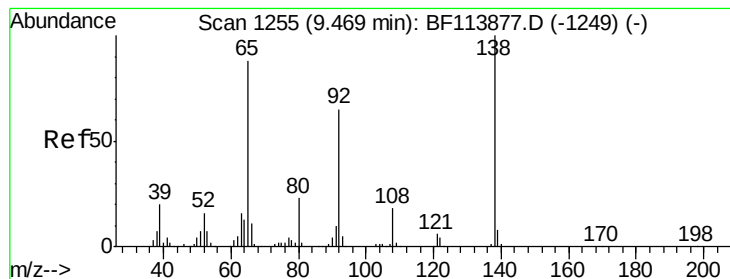
#47
 2-Chloronaphthalene
 Concen: 41.662 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:	162	Resp:	1220412
Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.3	43.9
164	33.8	27.1	40.7



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





#48

2-Nitroaniline

Concen: 46.072 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

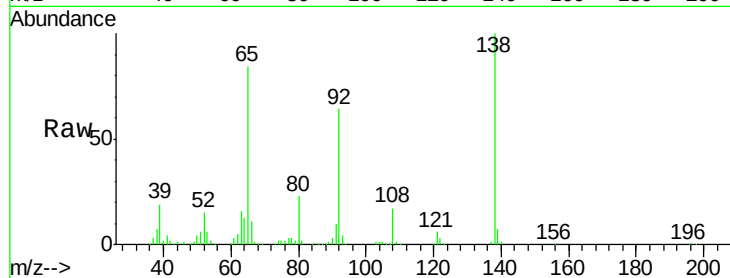
Tot Ion: 65 Resp: 353796

Ion Ratio Lower Upper

65 100

92 76.3 57.4 86.0

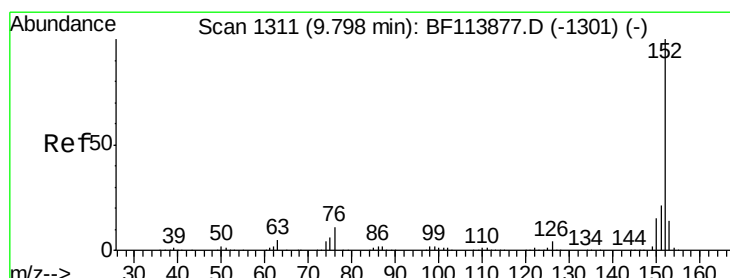
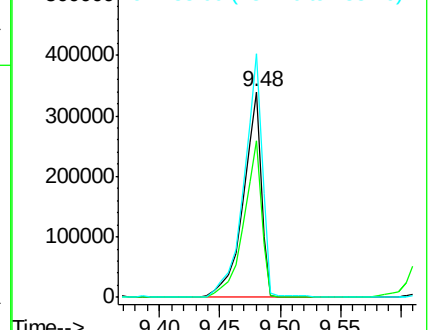
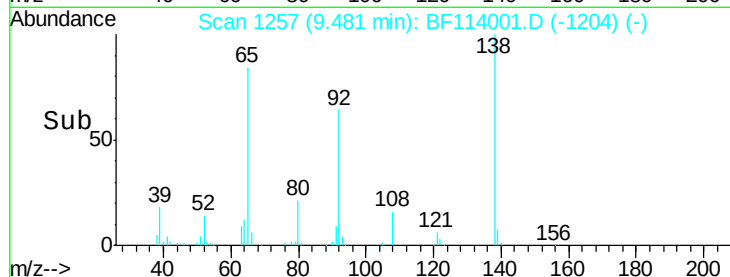
138 118.3 85.4 128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Acenaphthylene

Concen: 39.594 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

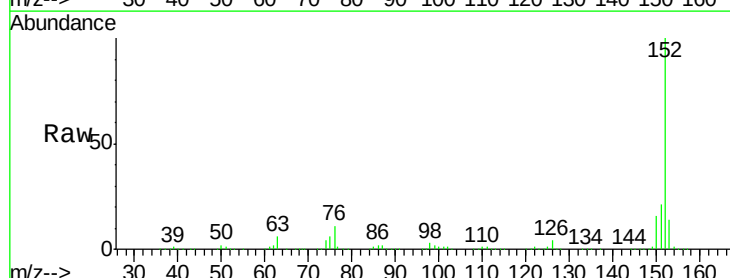
Tgt Ion: 152 Resp: 1815753

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

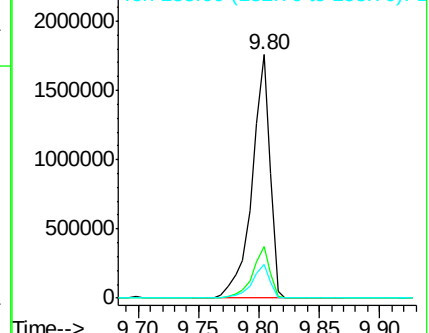
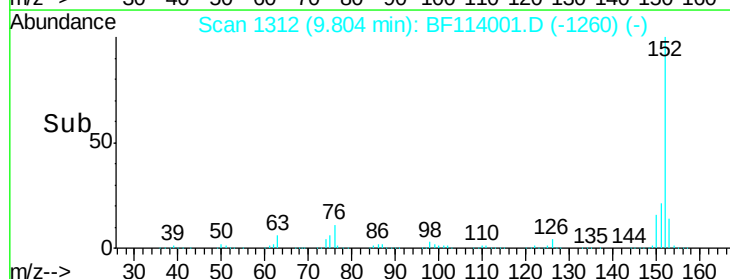
153 14.0 11.0 16.6

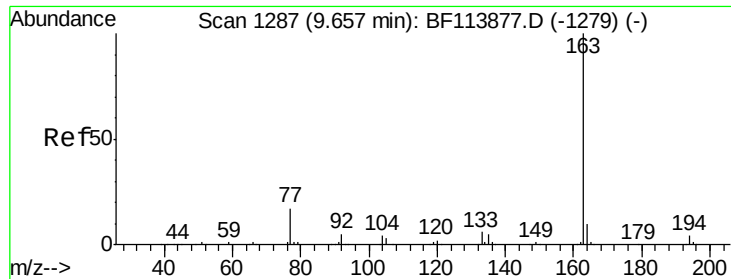


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#50

Dimethylphthalate

Concen: 43.358 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

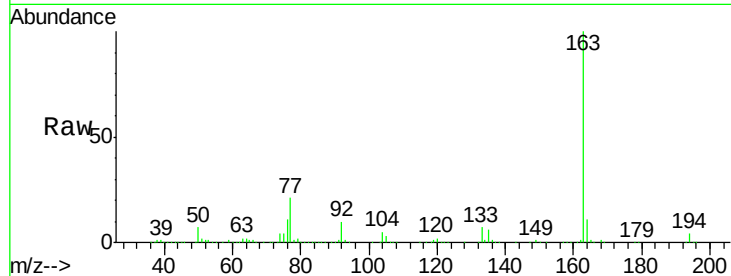
Tot Ion:163 Resp: 1478604

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

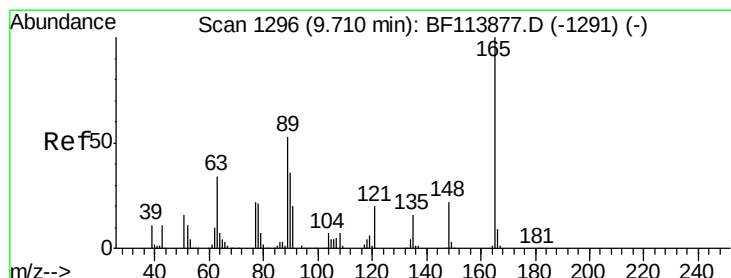
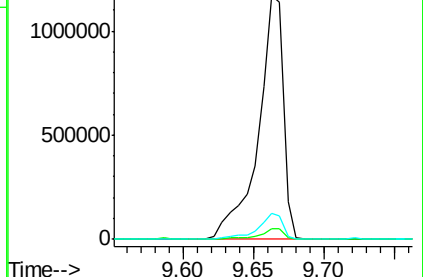
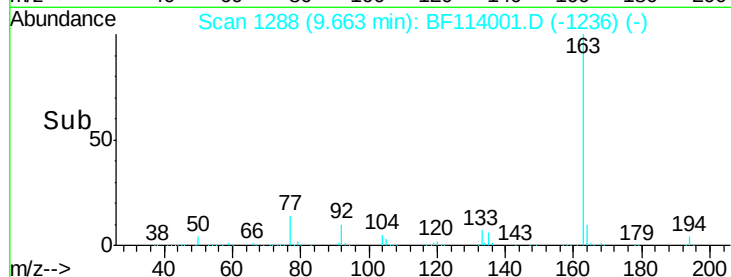
164 10.7 8.5 12.7



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: 46.654 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

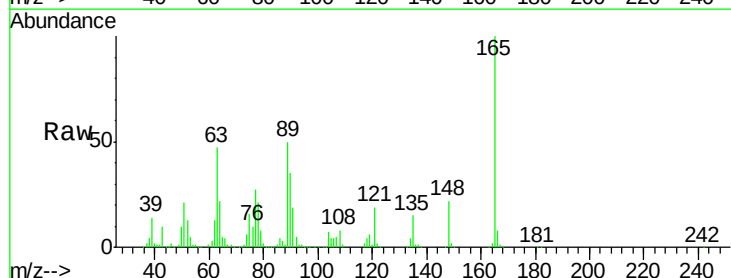
Tgt Ion:165 Resp: 341330

Ion Ratio Lower Upper

165 100

63 46.6 33.8 50.8

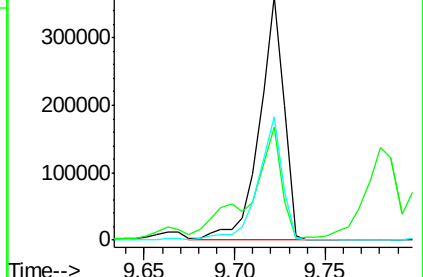
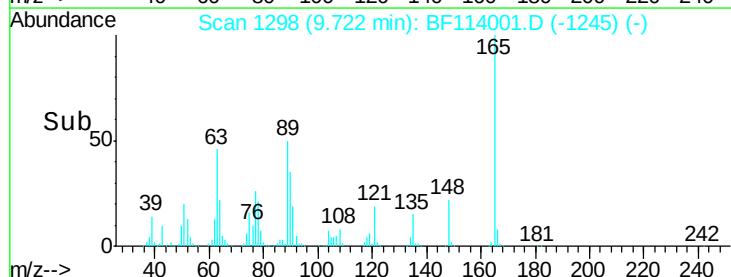
89 50.5 38.2 57.2

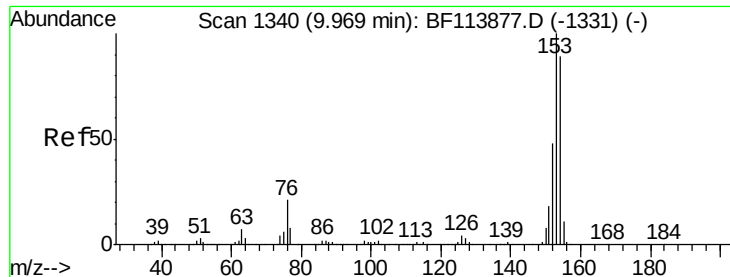


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 41.470 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

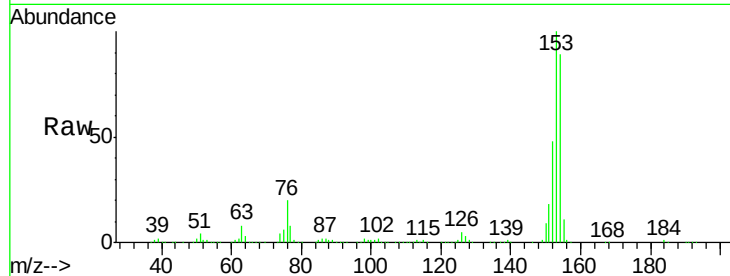
Tot Ion:154 Resp: 1123933

Ion Ratio Lower Upper

154 100

153 112.8 87.2 130.8

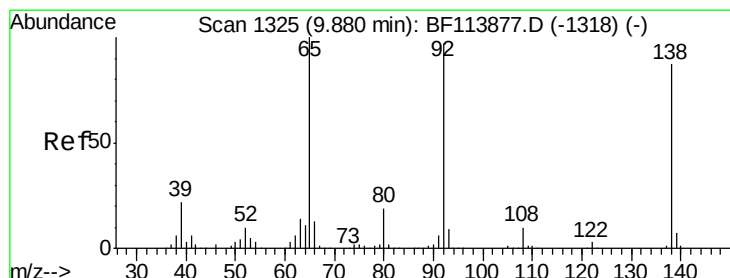
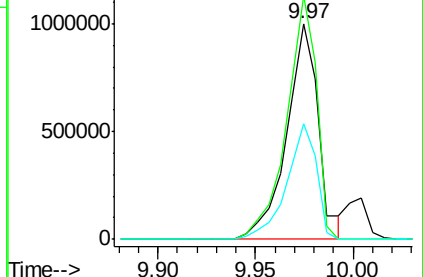
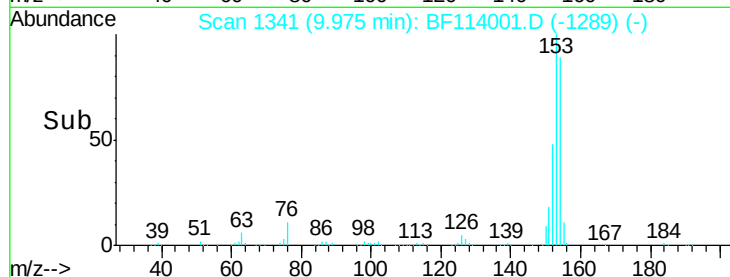
152 53.8 42.3 63.5



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: 35.002 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

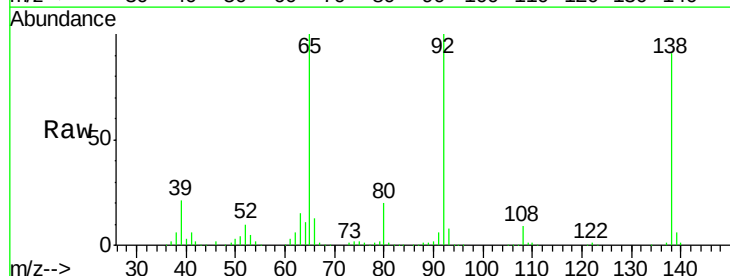
Tgt Ion:138 Resp: 269093

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

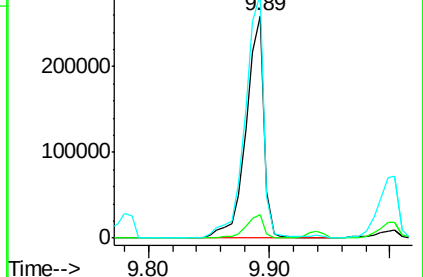
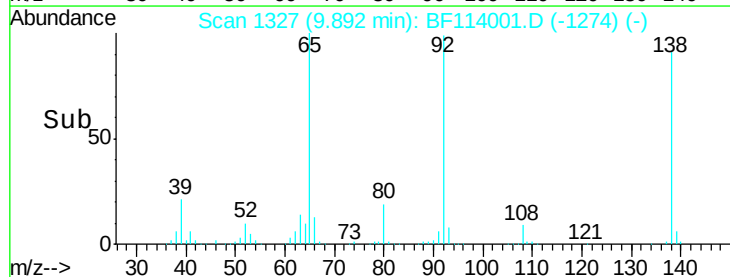
92 109.7 94.1 141.1

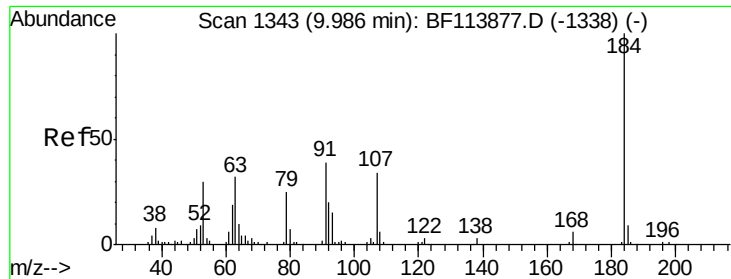


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

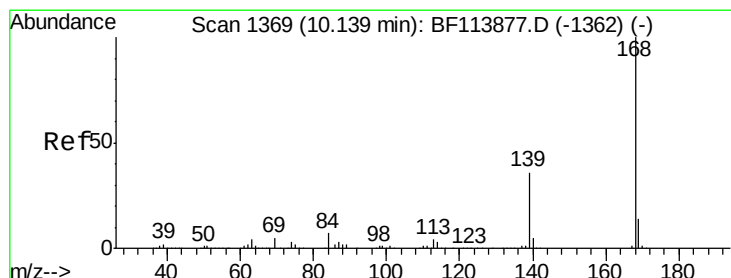
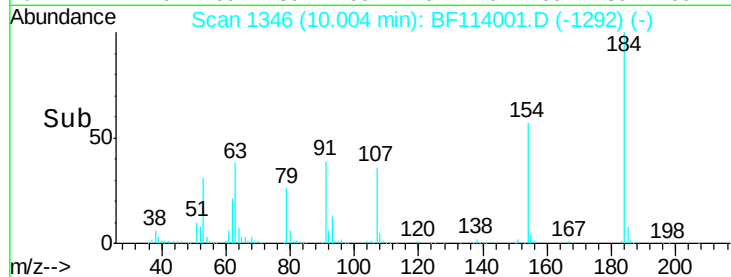
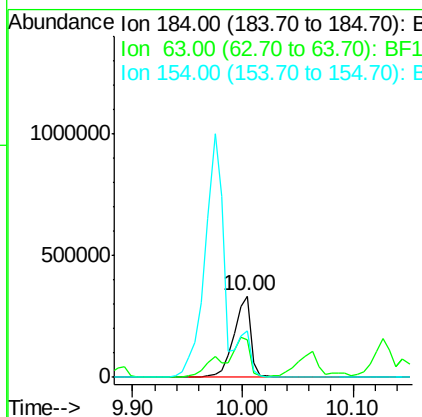
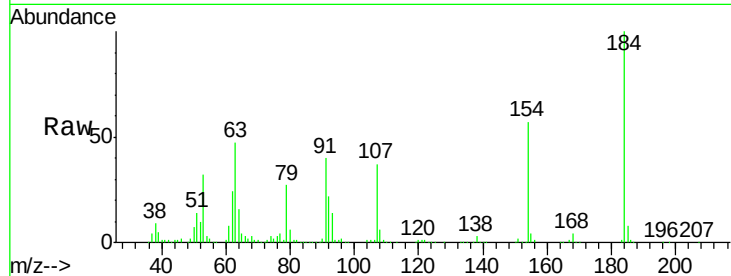




#54
 2,4-Dinitrophenol
 Concen: 111.743 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

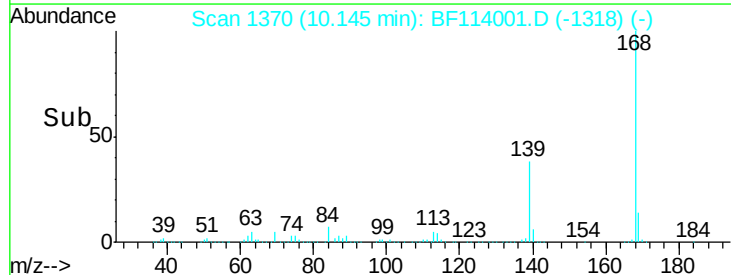
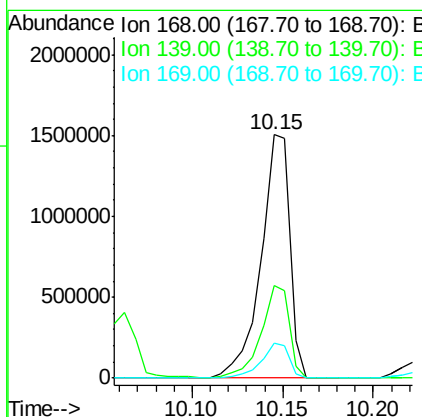
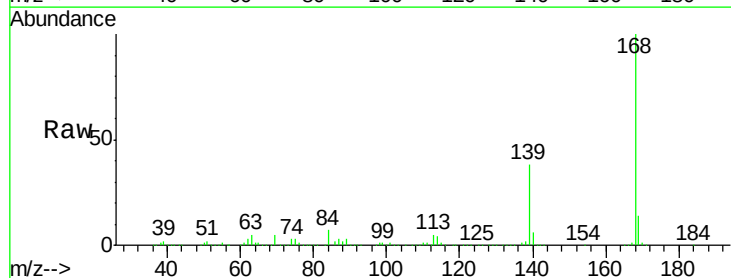
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

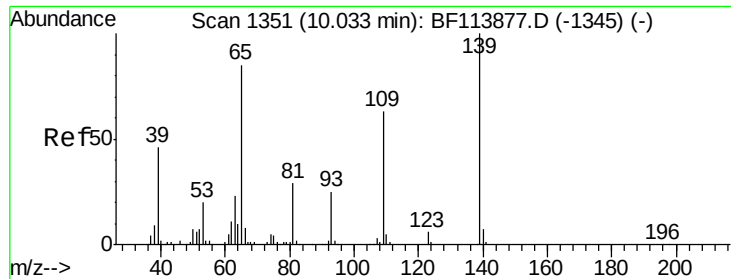
Tot Ion:184 Resp: 365369
 Ion Ratio Lower Upper
 184 100
 63 46.9 54.6 81.8#
 154 56.7 218.6 328.0#



#55
 Dibenzofuran
 Concen: 41.121 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:168 Resp: 1669412
 Ion Ratio Lower Upper
 168 100
 139 38.0 27.8 41.6
 169 14.3 11.0 16.6

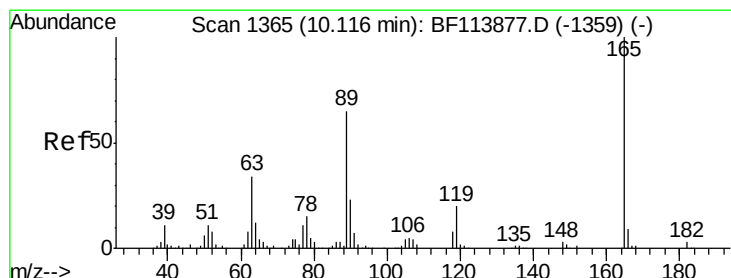
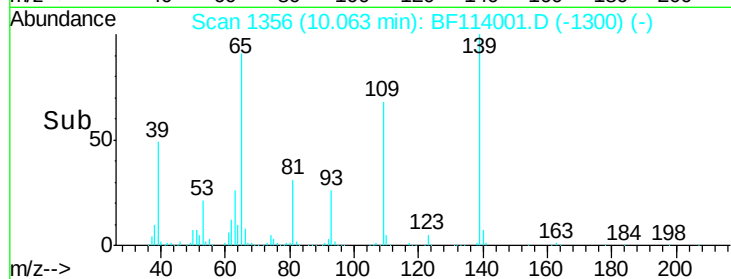
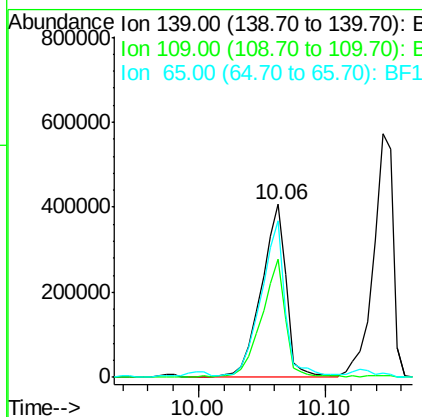
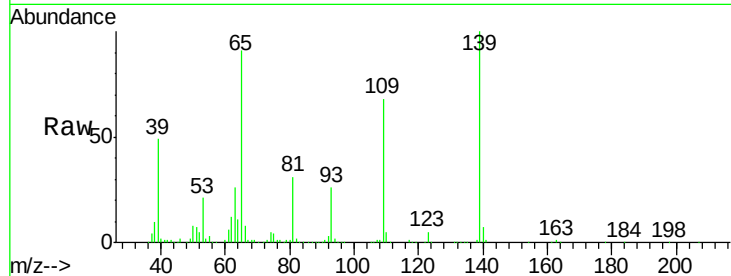




#56
4-Nitrophenol
Concen: 90.759 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.03 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

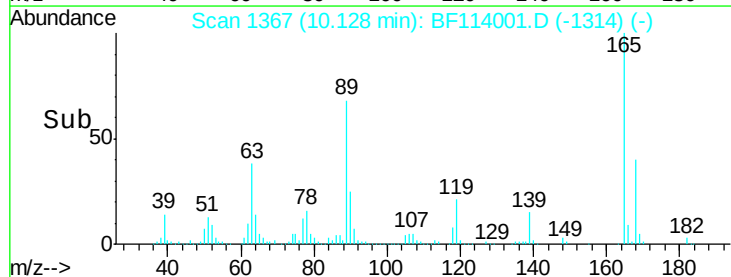
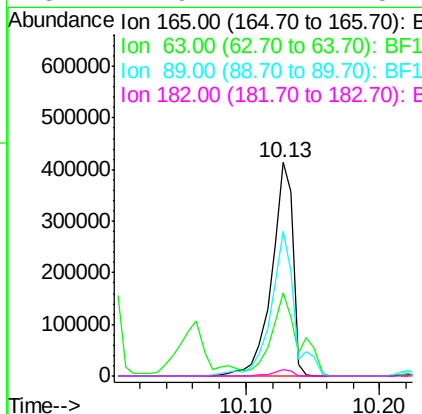
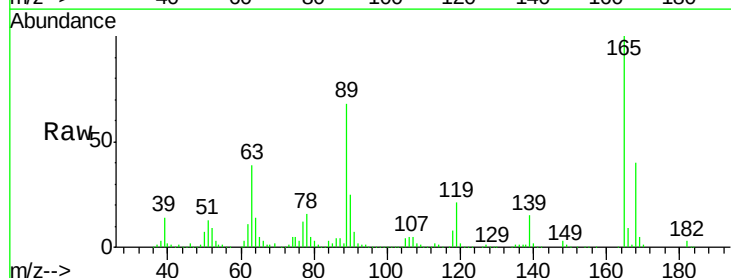
Instrument :
BNA_F
ClientSampleId :
PB119139BS

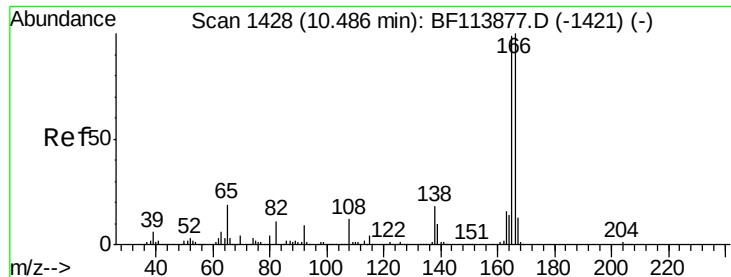
Tot Ion:139 Resp: 552462
Ion Ratio Lower Upper
139 100
109 68.2 42.9 82.9
65 91.0 64.4 104.4



#57
2,4-Dinitrotoluene
Concen: 49.521 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:165 Resp: 457307
Ion Ratio Lower Upper
165 100
63 38.7 27.4 41.0
89 68.0 51.8 77.6
182 2.9 2.2 3.2

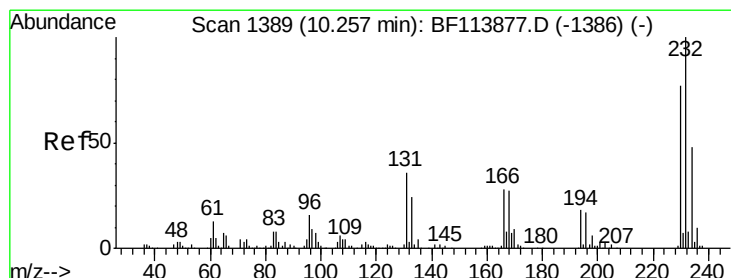
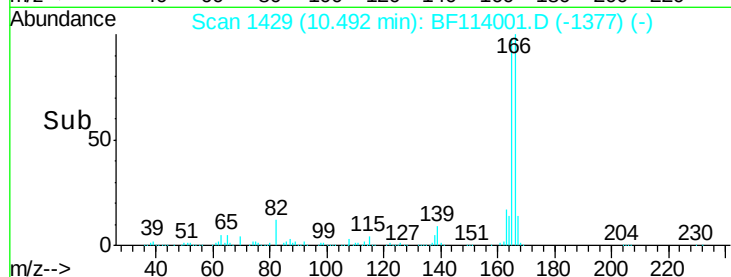
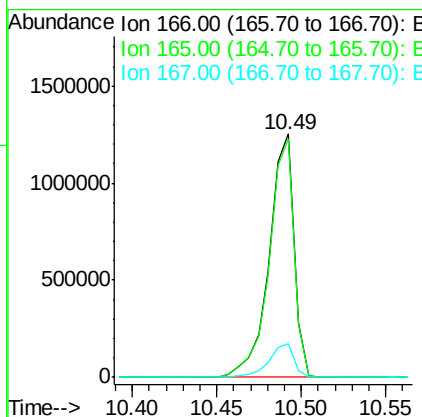
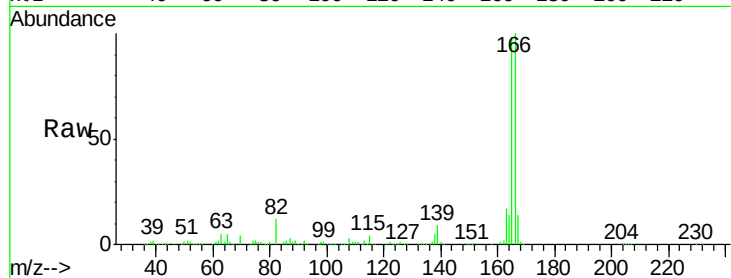




#58
 Fluorene
 Concen: 41.366 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

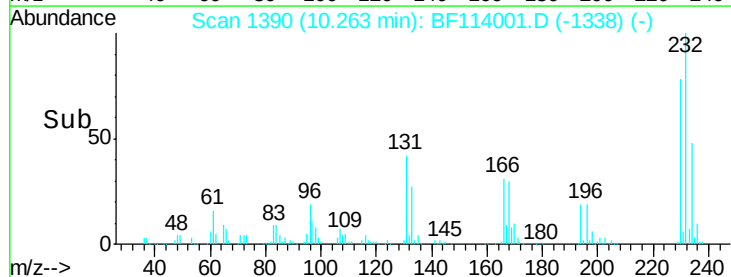
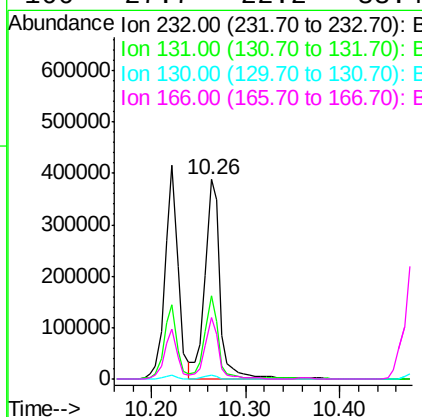
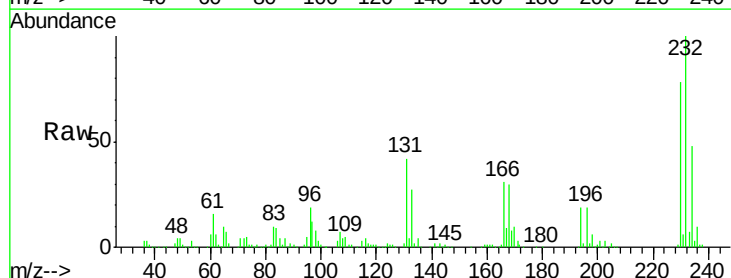
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

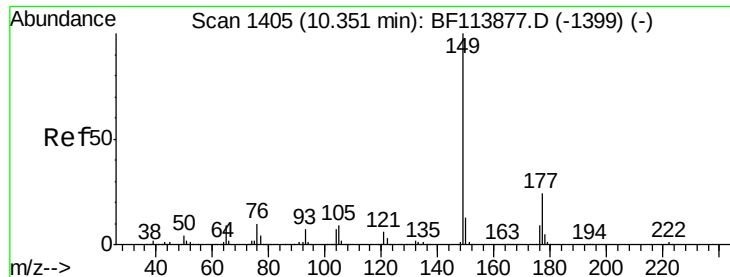
Tot Ion:166 Resp: 1264327
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.4 117.6
 167 13.6 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.076 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:232 Resp: 432148
 Ion Ratio Lower Upper
 232 100
 131 37.5 30.2 45.2
 130 1.9 1.5 2.3
 166 27.7 22.2 33.4

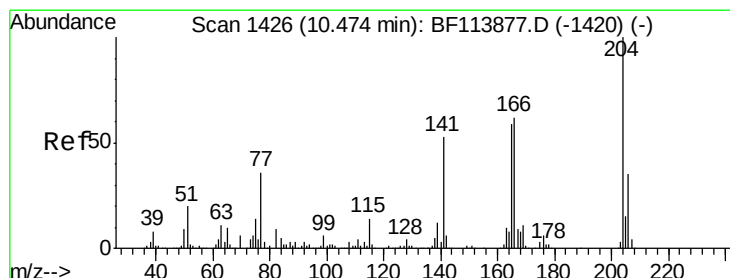
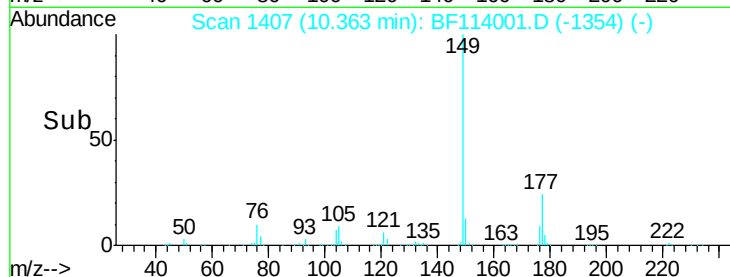
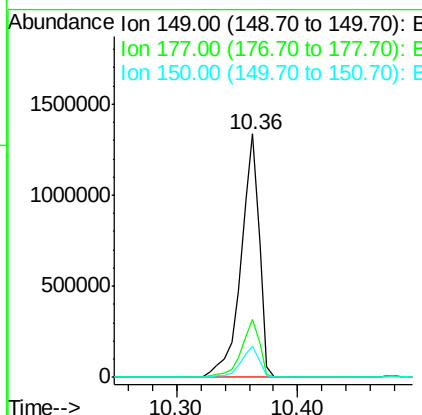
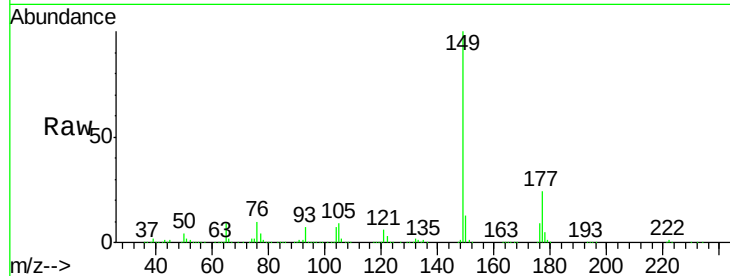




#60
Diethylphthalate
Concen: 43.248 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

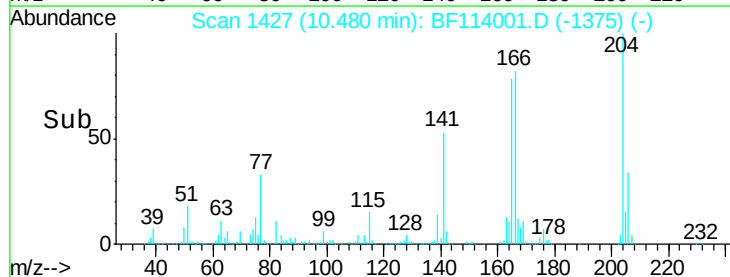
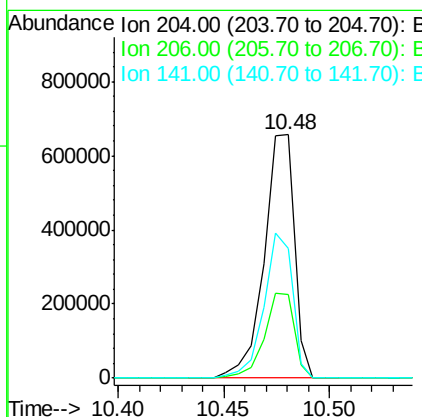
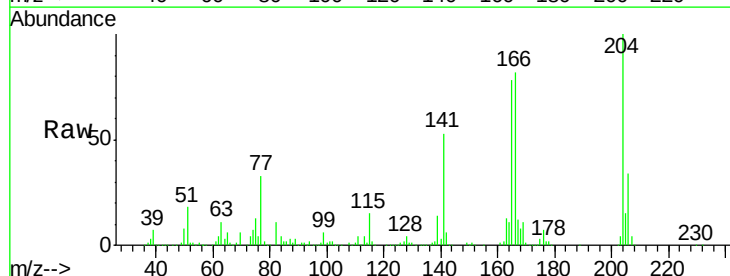
Instrument :
BNA_F
ClientSampleId :
PB119139BS

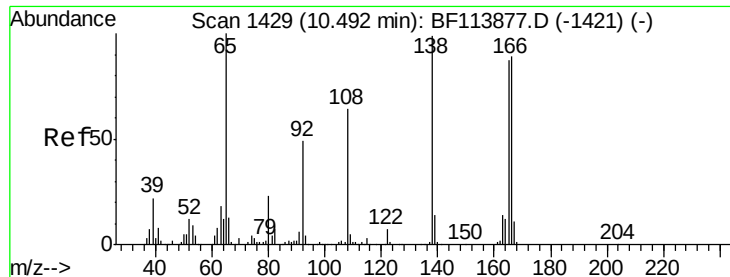
Tot Ion:149 Resp: 1400554
Ion Ratio Lower Upper
149 100
177 24.1 19.2 28.8
150 12.9 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 40.540 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:204 Resp: 656211
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 53.3 42.6 63.8





#62

4-Nitroaniline

Concen: 45.566 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

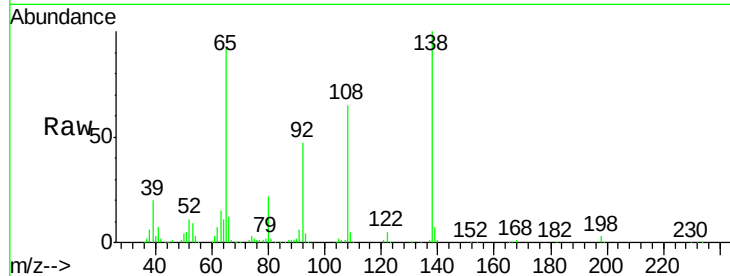
Tot Ion:138 Resp: 341857

Ion Ratio Lower Upper

138 100

92 47.4 31.3 71.3

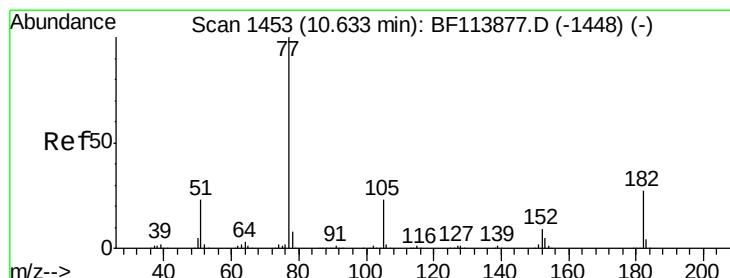
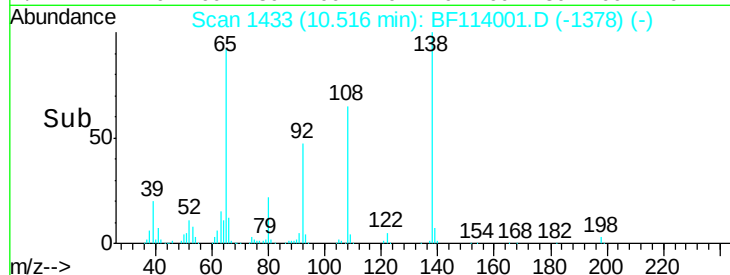
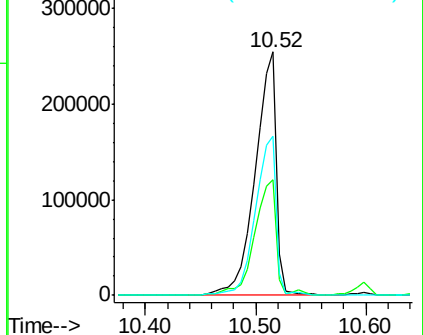
108 65.2 48.9 88.9



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: 40.711 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion: 77 Resp: 1277783

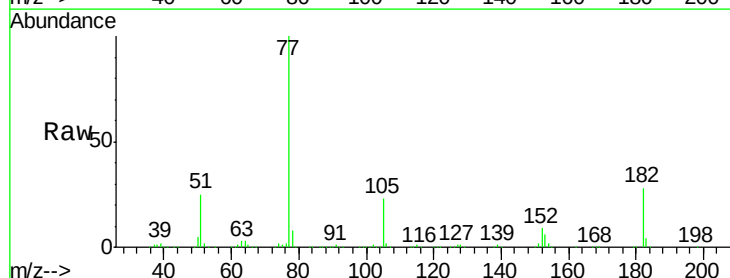
Ion Ratio Lower Upper

77 100

182 28.3 4.4 44.4

105 23.4 2.2 42.2

51 24.6 3.9 43.9

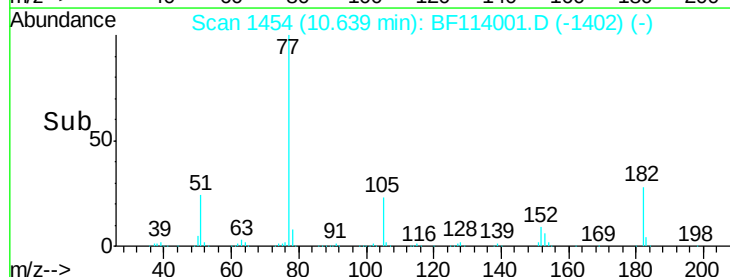
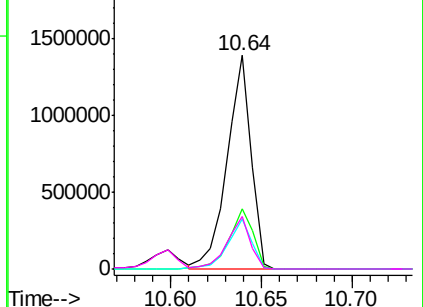


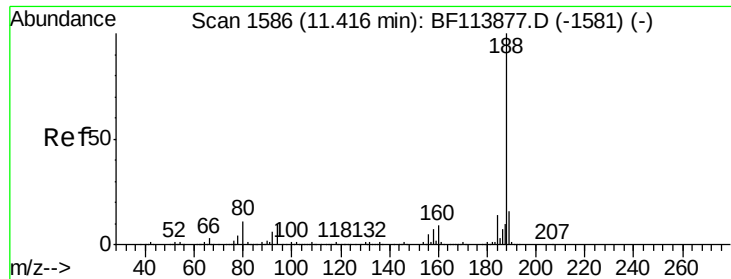
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

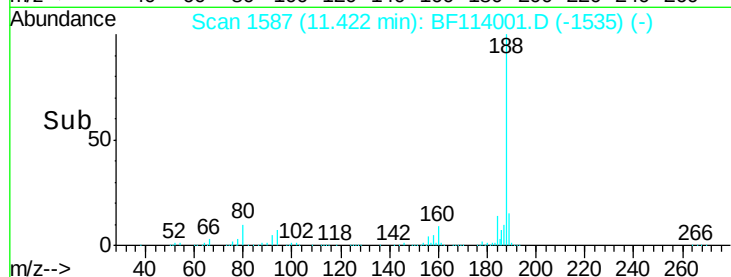
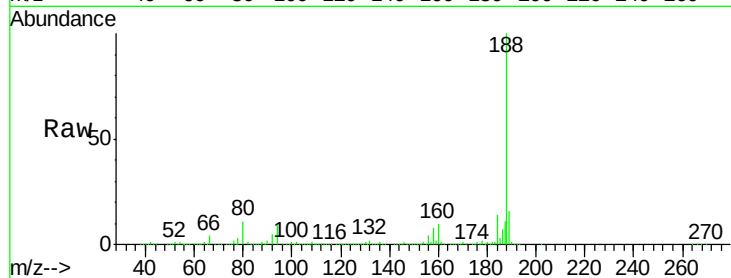
Tot Ion:188 Resp: 944219

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

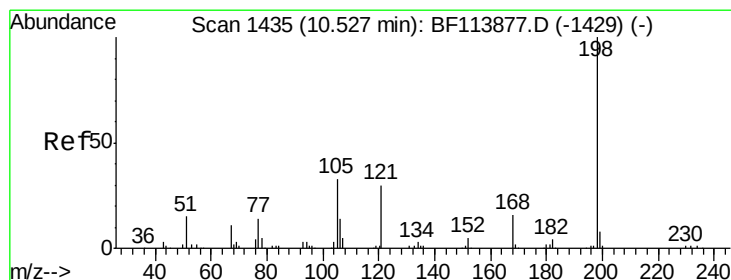
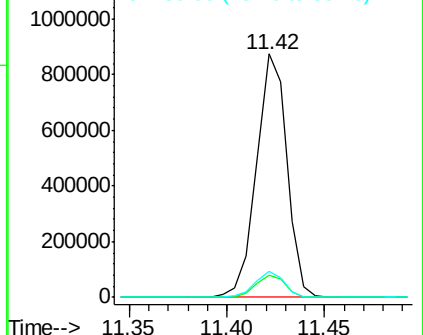
80 10.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 52.434 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

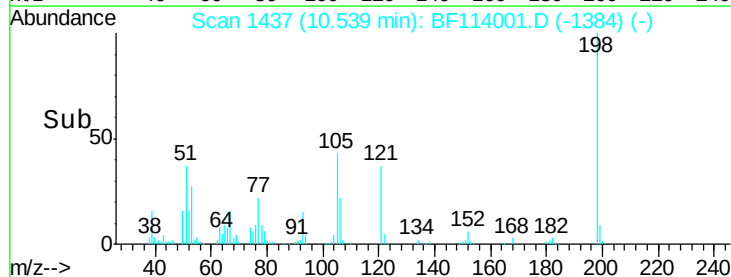
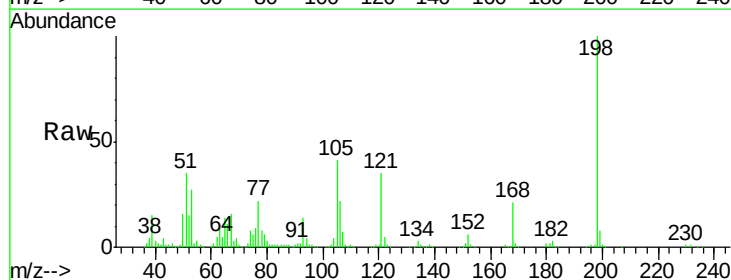
Tgt Ion:198 Resp: 230371

Ion Ratio Lower Upper

198 100

51 35.3 11.1 51.1

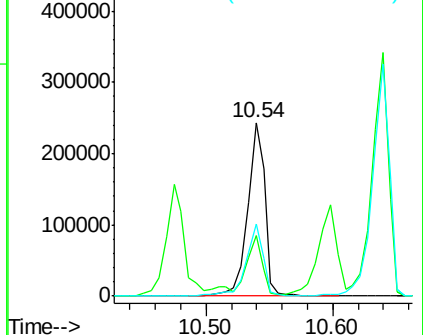
105 41.4 20.7 60.7

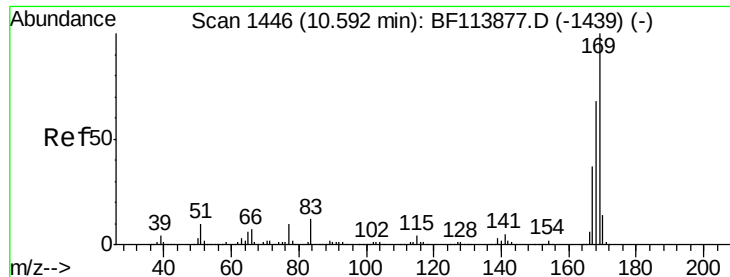


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 41.436 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

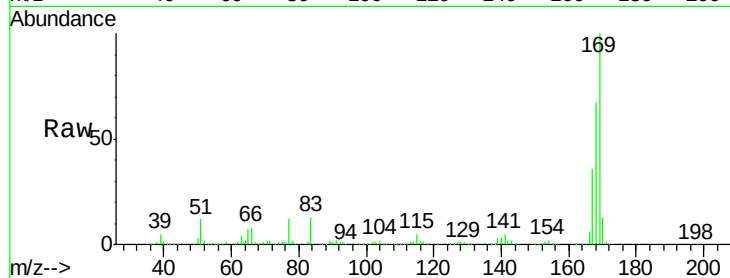
Tot Ion:169 Resp: 1173941

Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.3	81.5
167	36.1	29.4	44.0

169 100

168 67.5 54.3 81.5

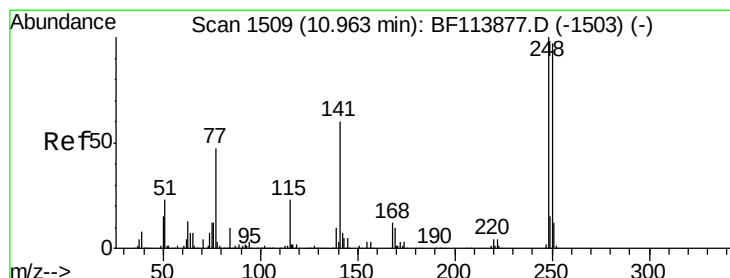
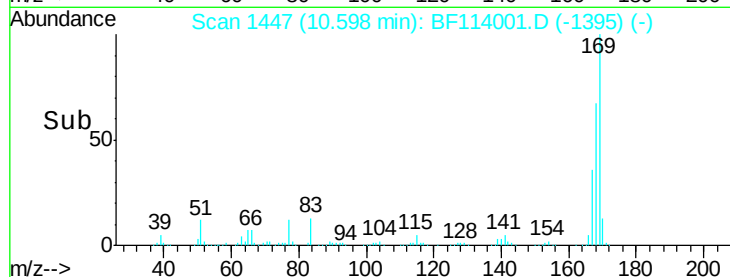
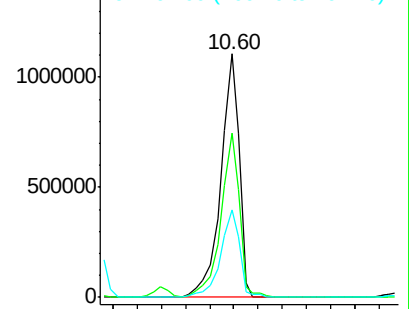
167 36.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

1500000 Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 39.980 ng

RT: 10.97 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

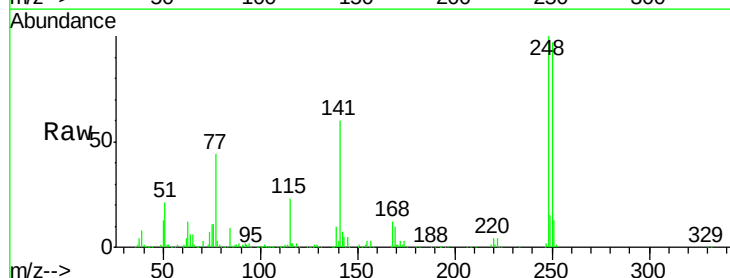
Tgt Ion:248 Resp: 456039

Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.8	113.6
141	59.7	50.2	75.4

248 100

250 97.0 75.8 113.6

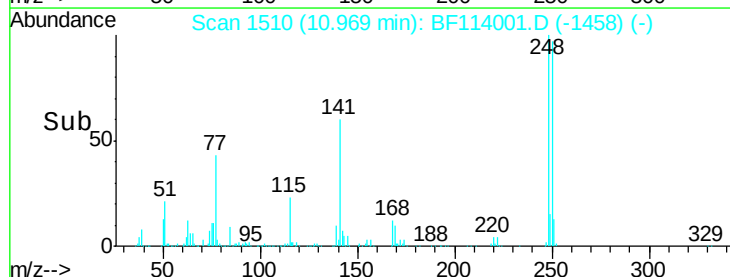
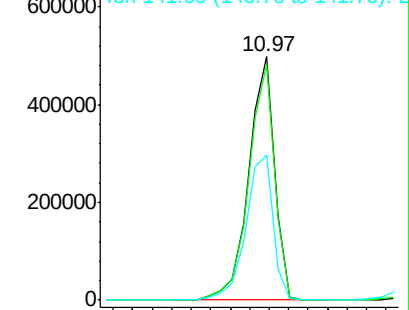
141 59.7 50.2 75.4

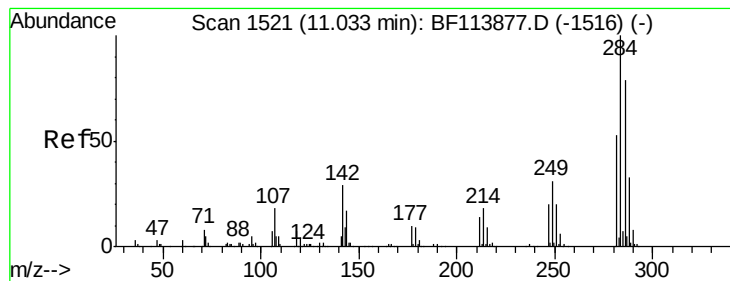


Abundance Ion 248.00 (247.70 to 248.70): E

600000 Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 39.964 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

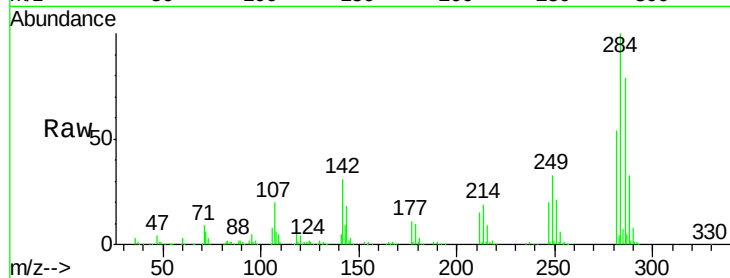
Tot Ion:284 Resp: 500930

Ion Ratio Lower Upper

284 100

142 31.1 23.0 34.4

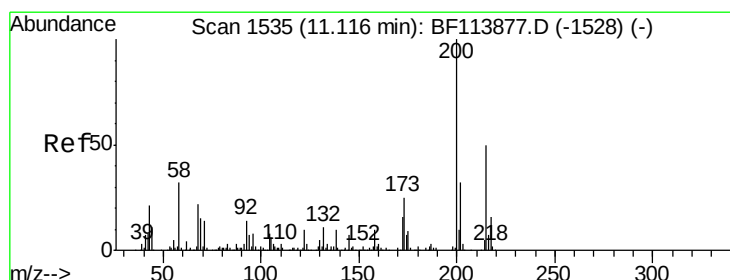
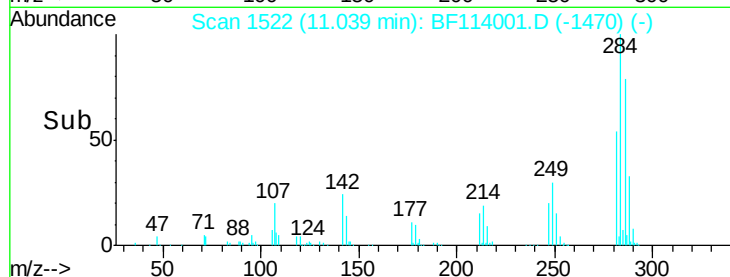
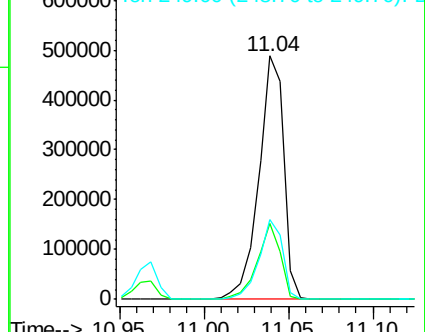
249 32.7 24.4 36.6



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: 37.872 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

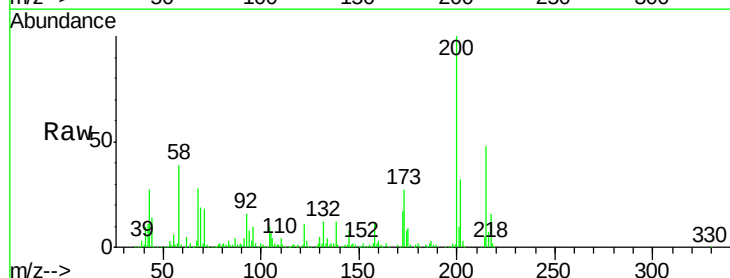
Tgt Ion:200 Resp: 349046

Ion Ratio Lower Upper

200 100

173 26.5 5.9 45.9

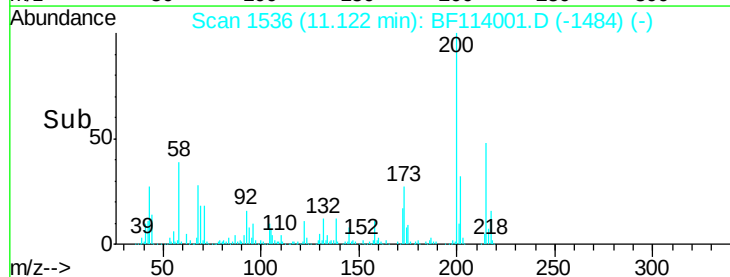
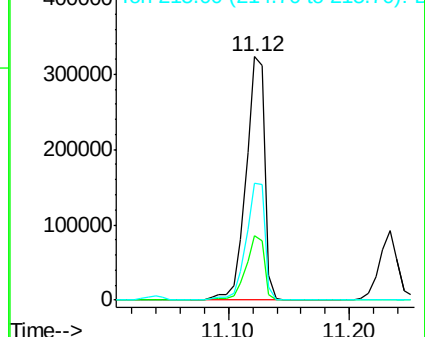
215 48.1 29.3 69.3

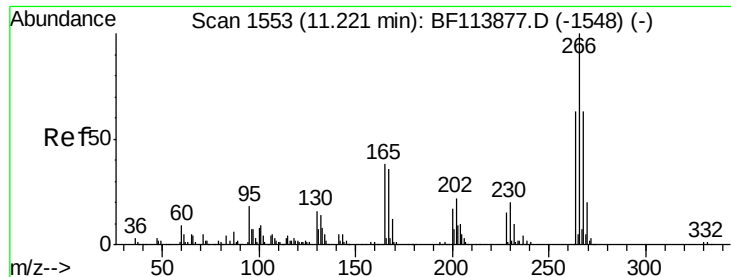


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

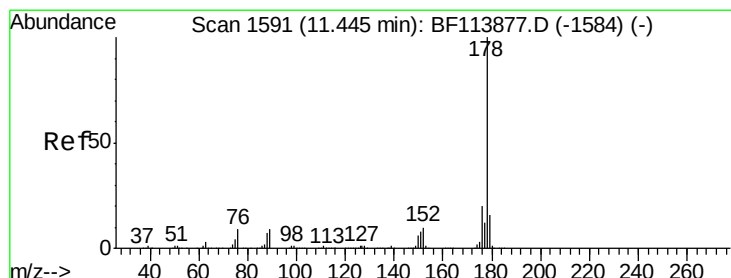
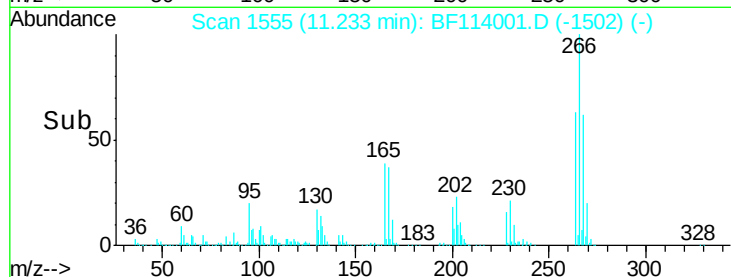
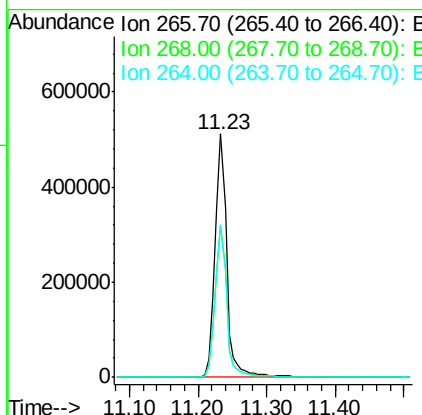
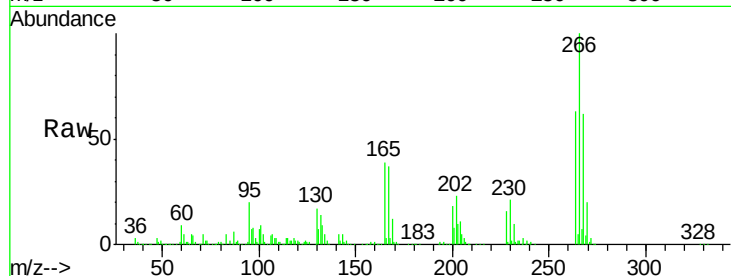




#70
 Pentachlorophenol
 Concen: 84.823 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

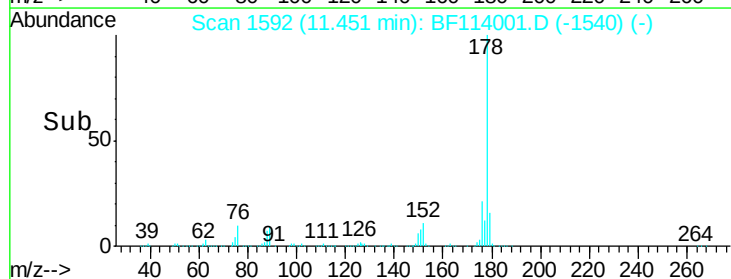
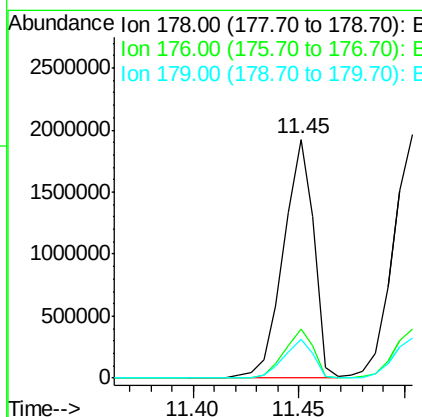
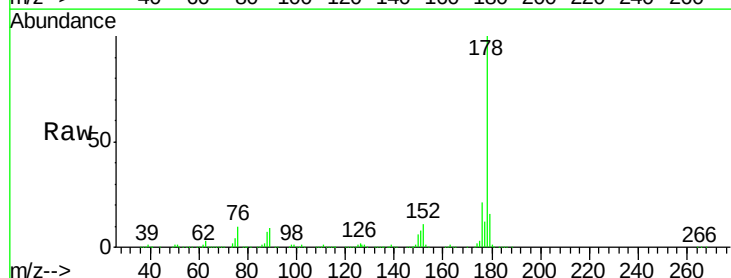
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

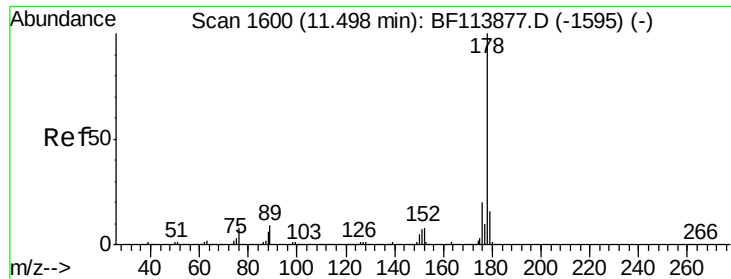
Tot Ion:266 Resp: 601982
 Ion Ratio Lower Upper
 266 100
 268 62.4 53.5 80.3
 264 62.7 51.0 76.6



#71
 Phenanthrene
 Concen: 40.649 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:178 Resp: 1928912
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.1 24.1
 179 16.3 12.8 19.2





#72

Anthracene

Concen: 40.454 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

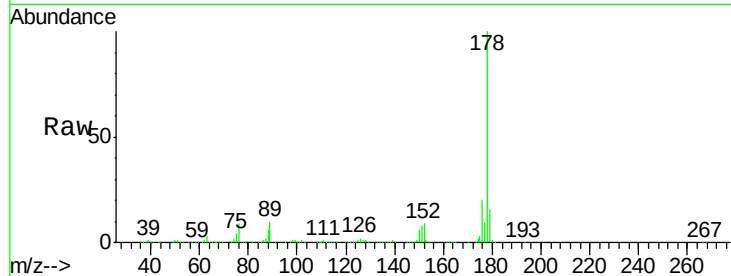
Tot Ion:178 Resp: 1938521

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

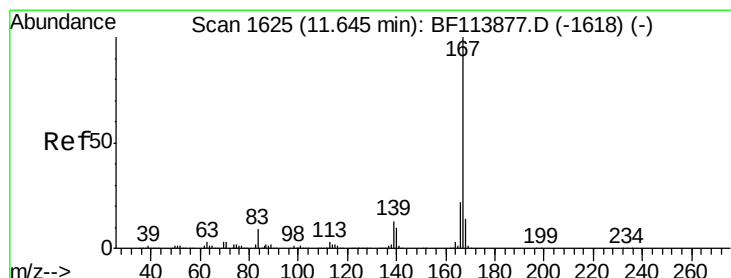
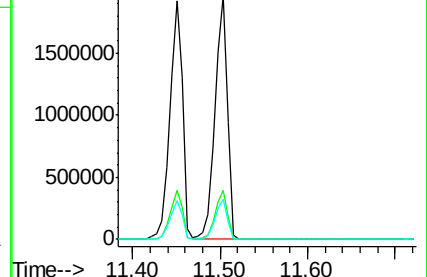
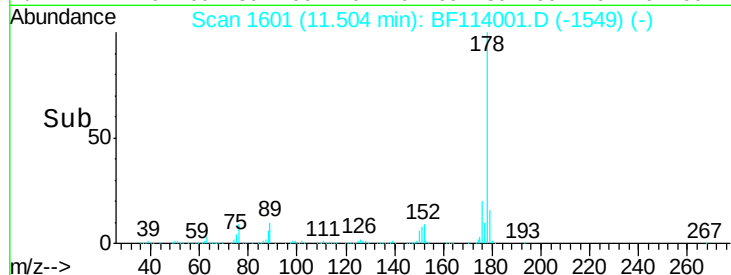
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 41.062 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

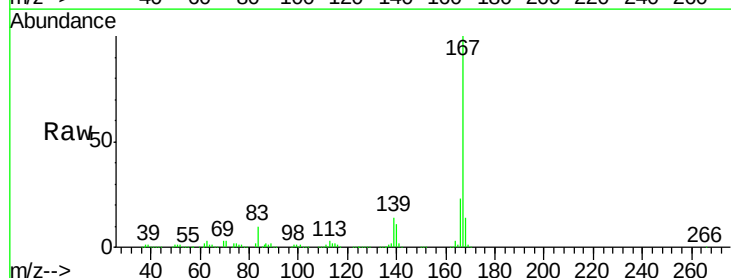
Tgt Ion:167 Resp: 1755446

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

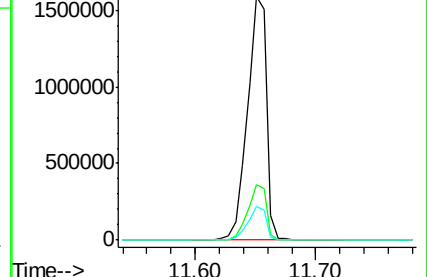
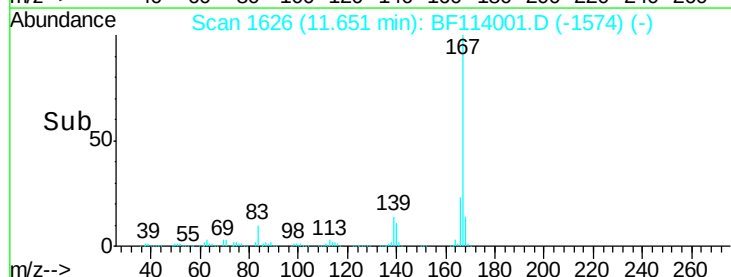
139 13.7 10.0 15.0

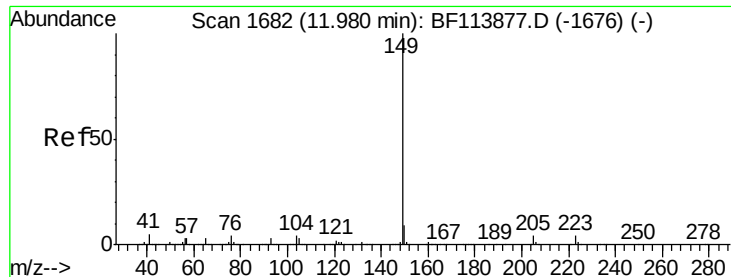


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 41.165 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

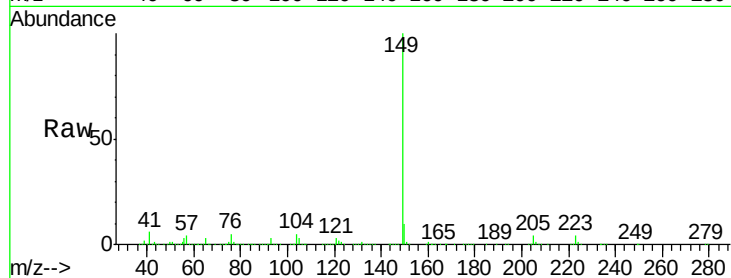
Tot Ion:149 Resp: 2070152

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

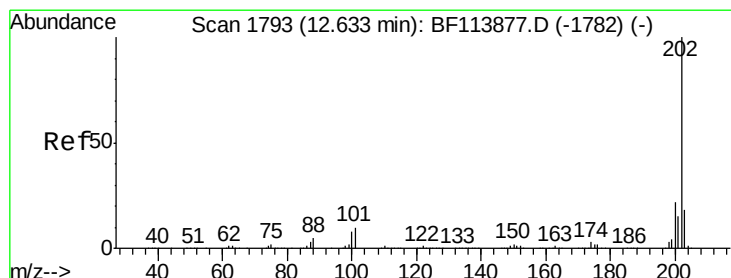
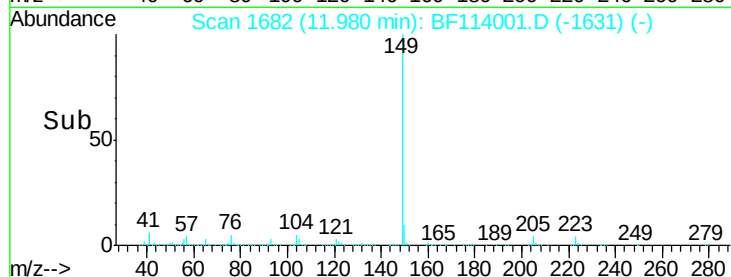
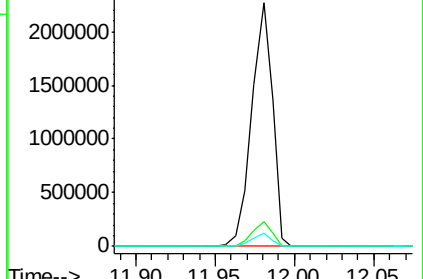
104 5.2 3.8 5.8



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: 38.975 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

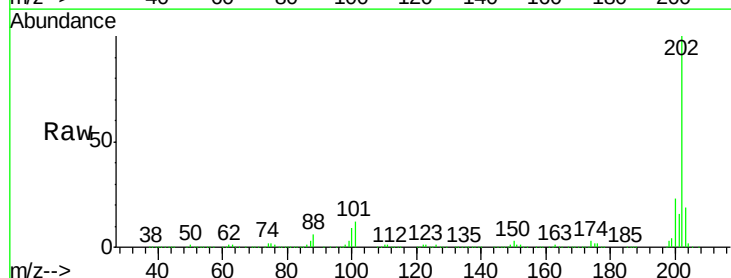
Tgt Ion:202 Resp: 2017786

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.9

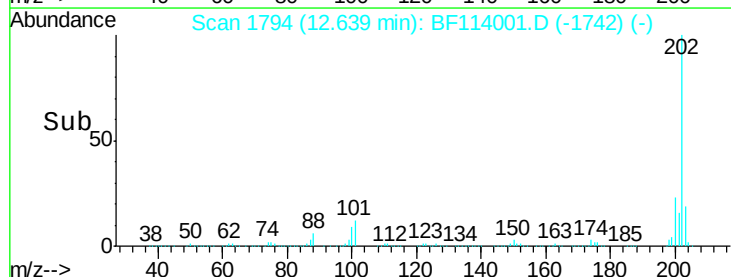
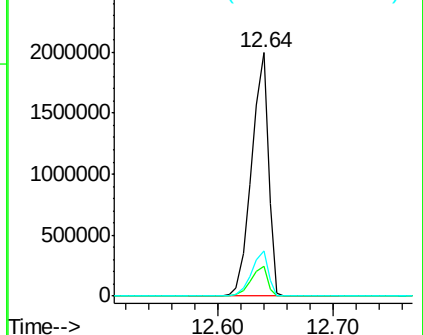
203 18.6 0.0 38.2

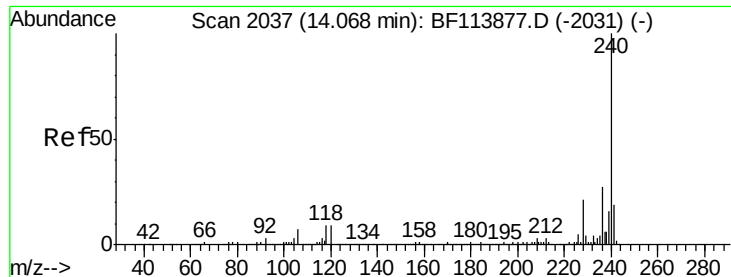


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2037

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

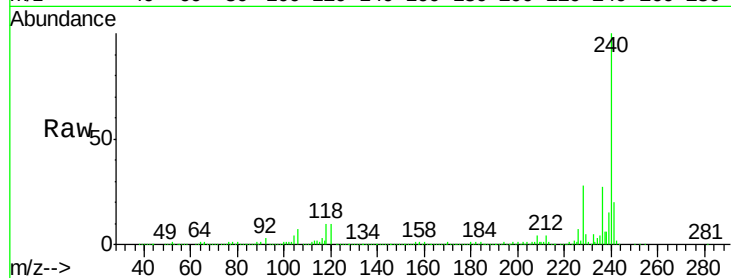
Tot Ion:240 Resp: 719081

Ion Ratio Lower Upper

240 100

120 10.4 9.3 13.9

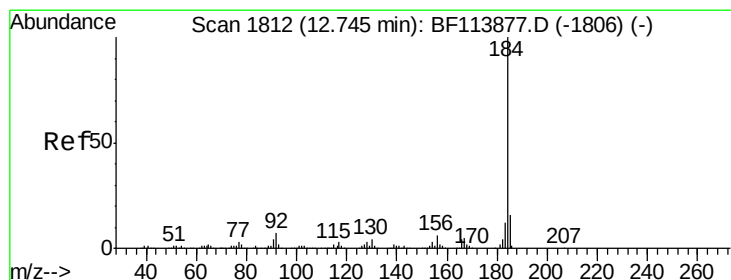
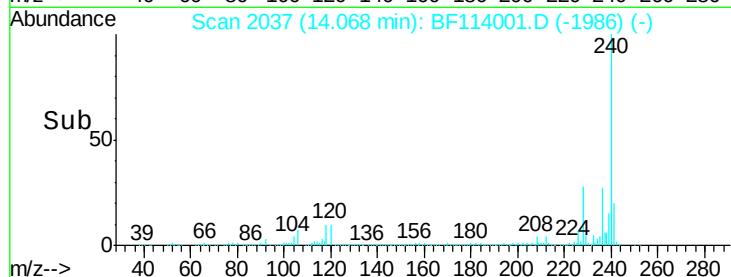
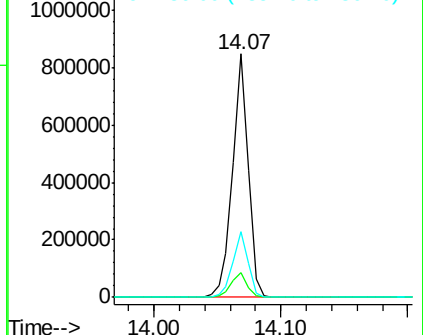
236 26.7 21.2 31.8



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: 12.856 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

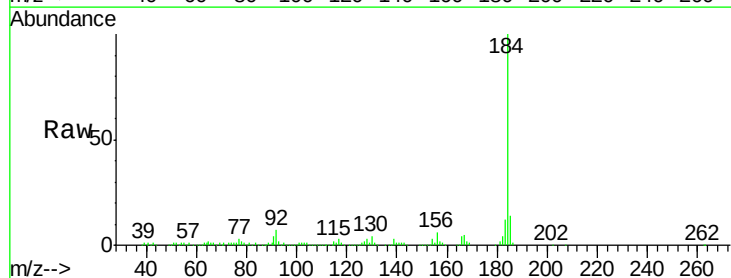
Tgt Ion:184 Resp: 275441

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

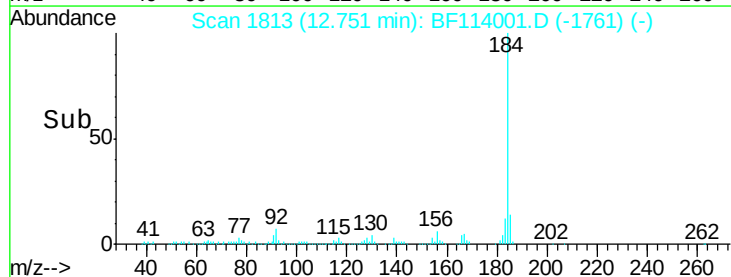
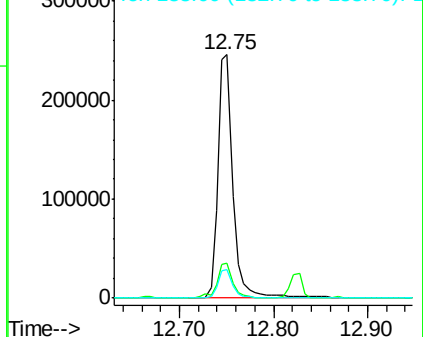
183 11.6 9.4 14.0

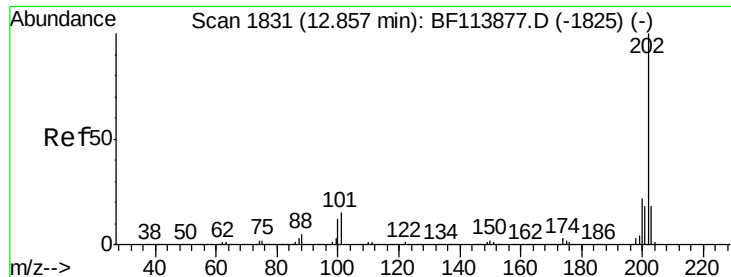


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

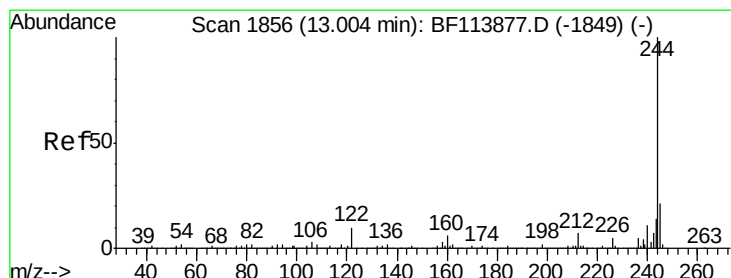
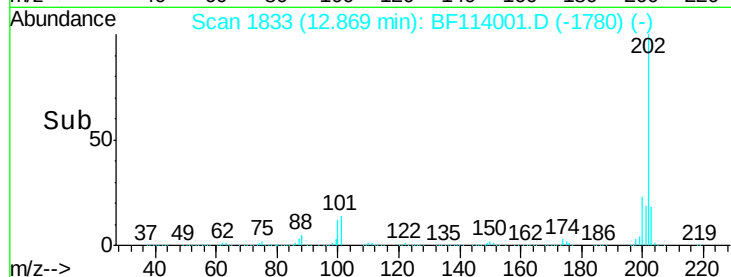
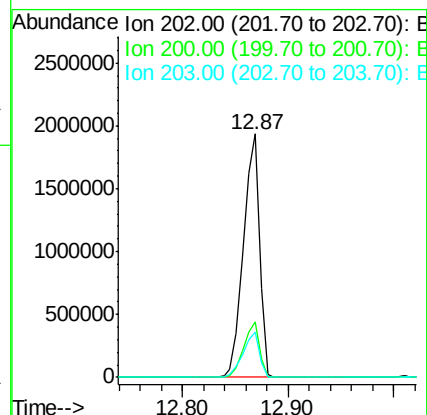
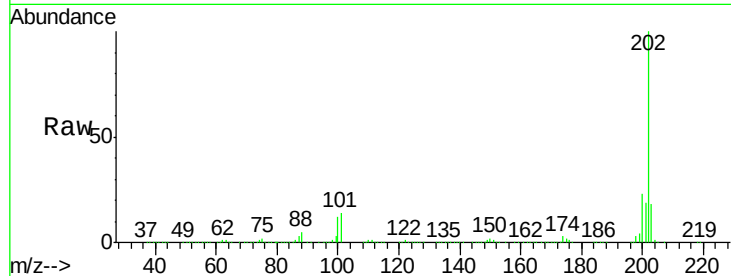




#78
Pvrene
Concen: 39.966 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

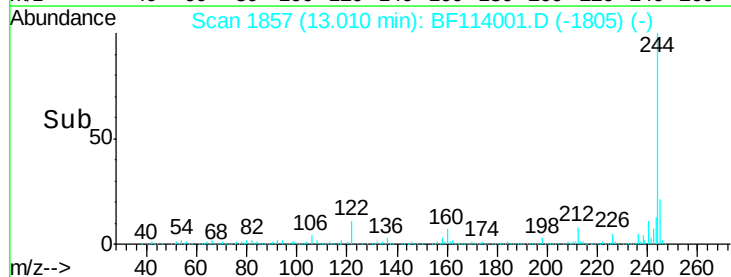
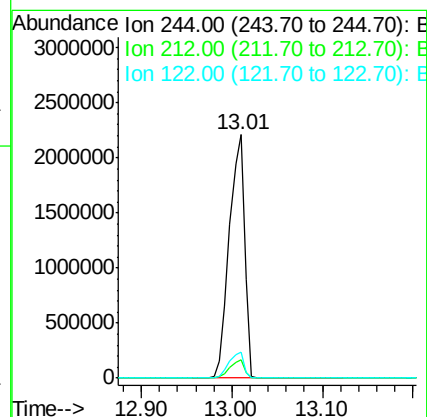
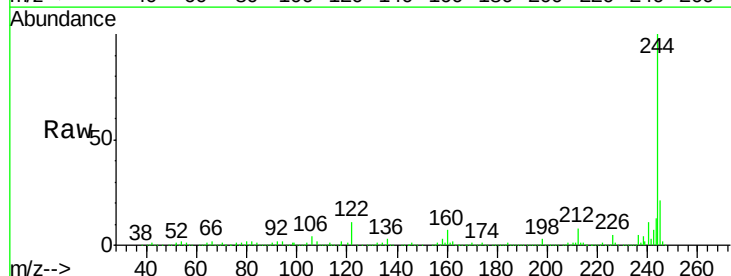
Instrument :
BNA_F
ClientSampleId :
PB119139BS

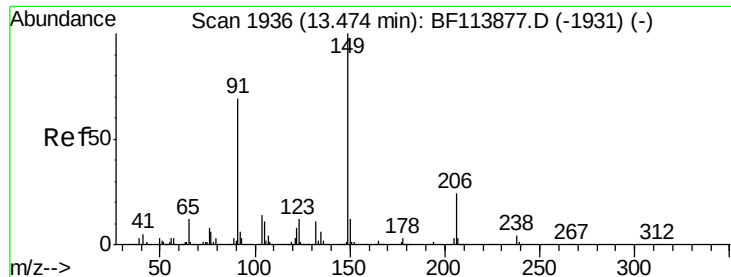
Tot Ion:202 Resp: 2009730
Ion Ratio Lower Upper
202 100
200 22.7 17.7 26.5
203 18.3 15.0 22.6



#79
Terphenyl-d14
Concen: 73.687 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:244 Resp: 2584566
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 10.8 7.6 11.4

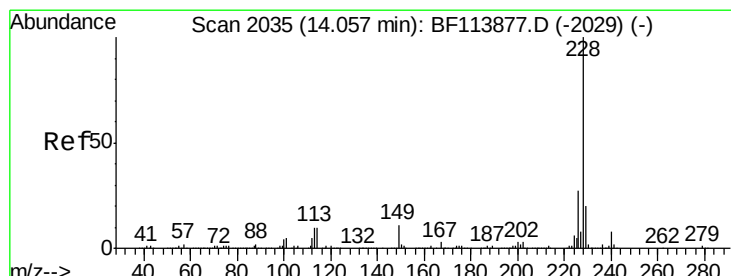
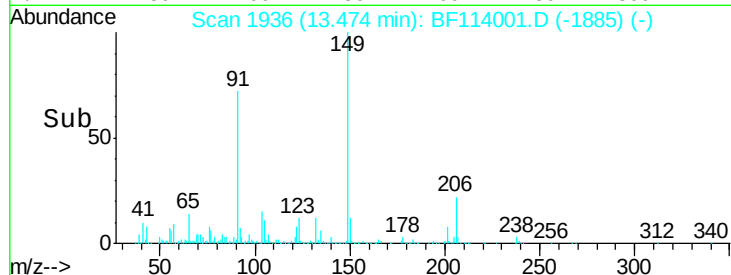
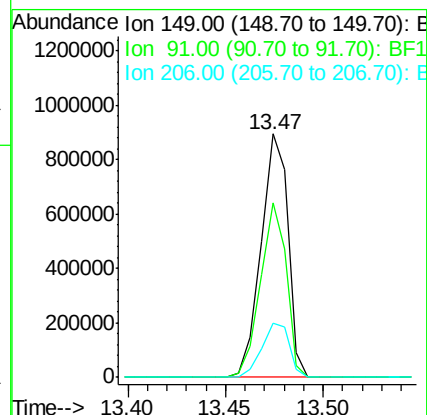
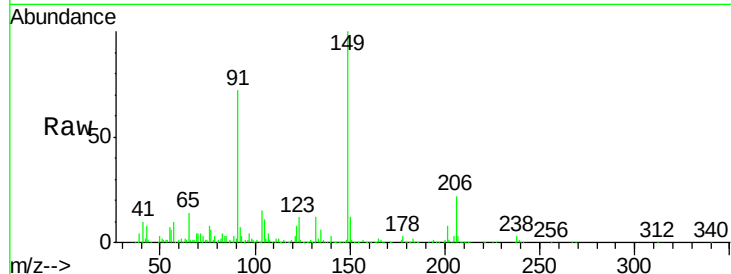




#80
Butylbenzylphthalate
Concen: 43.187 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

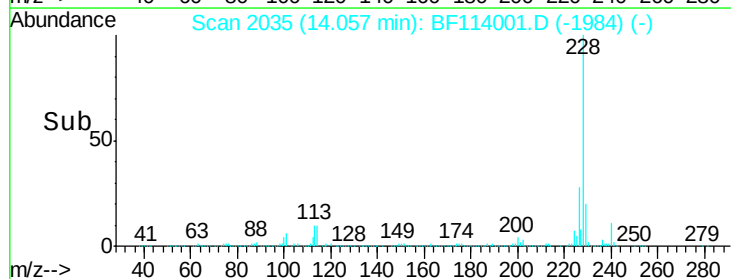
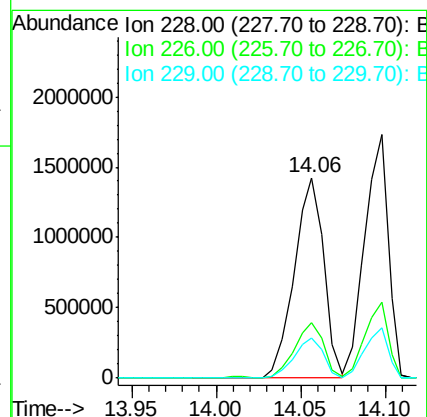
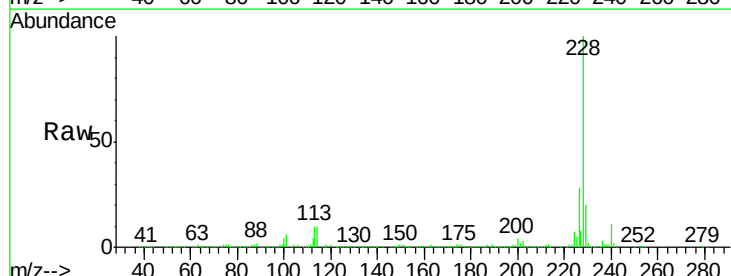
Instrument :
BNA_F
ClientSampleId :
PB119139BS

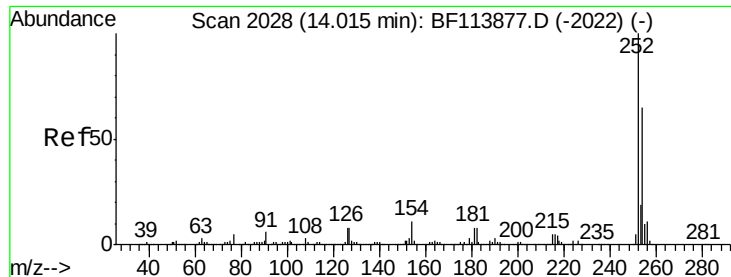
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.3	84.5
206	22.4	19.0	28.6



#81
Benzo(a)anthracene
Concen: 40.830 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.0	16.0	24.0





#82

3,3'-Dichlorobenzidine

Concen: 36.756 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

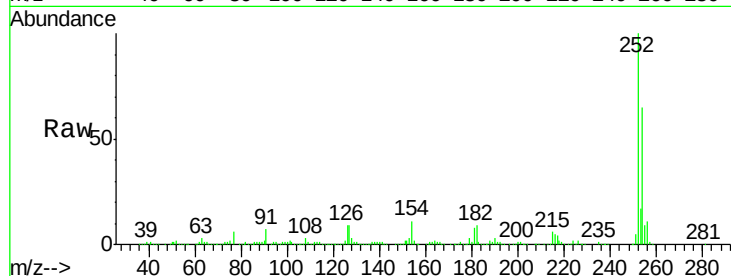
Tot Ion:252 Resp: 570770

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

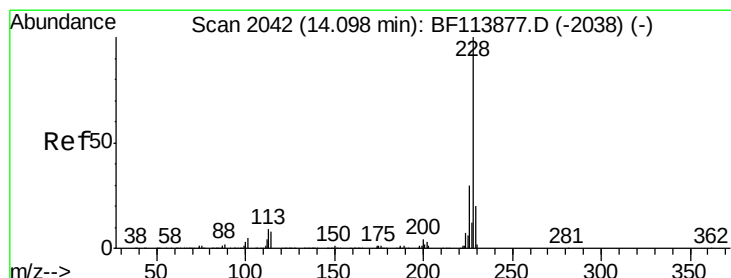
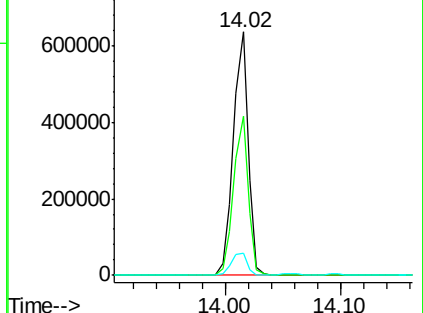
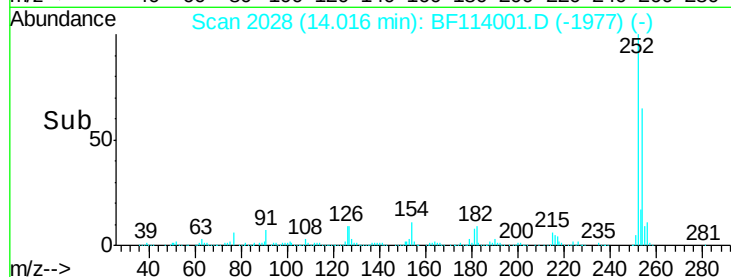
126 9.2 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 40.857 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

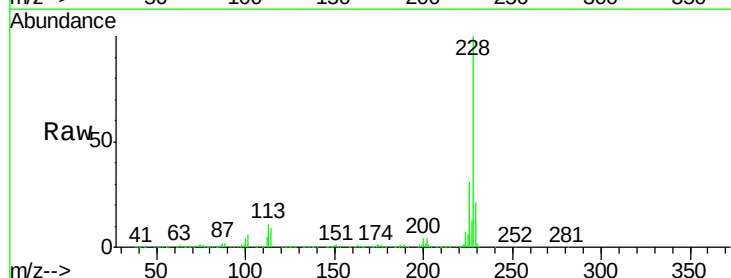
Tgt Ion:228 Resp: 1685824

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

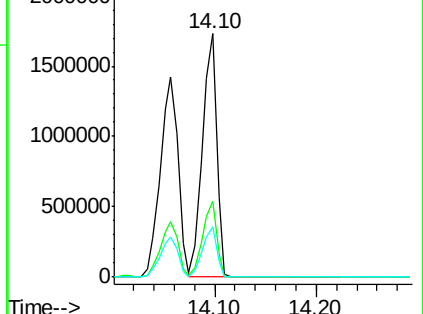
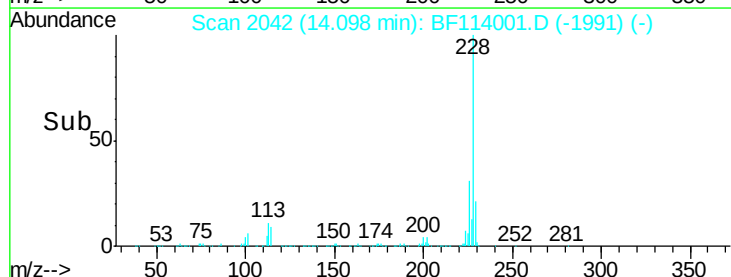
229 20.6 16.7 25.1

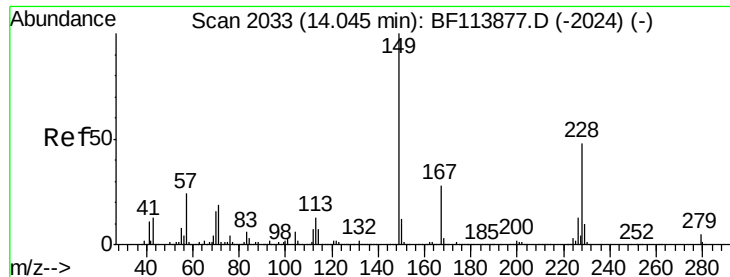


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.629 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

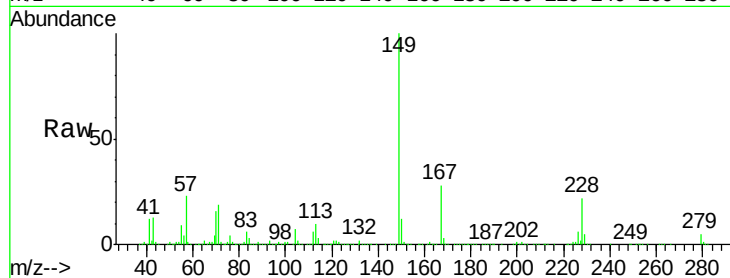
BNA_F

ClientSampleId :

PB119139BS

Tot Ion:149 Resp: 1148616

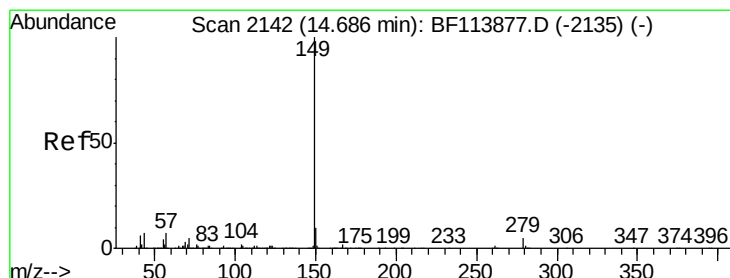
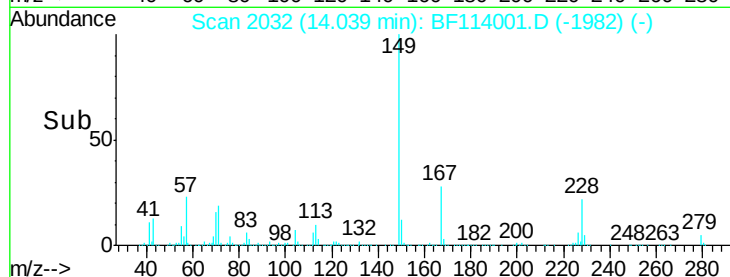
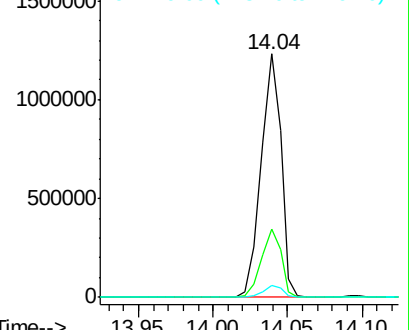
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.7	4.2	6.2



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: 44.559 ng

RT: 14.66 min Scan# 2138

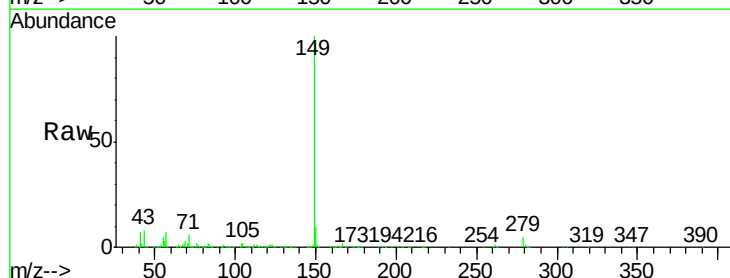
Delta R.T. -0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:149 Resp: 1755674

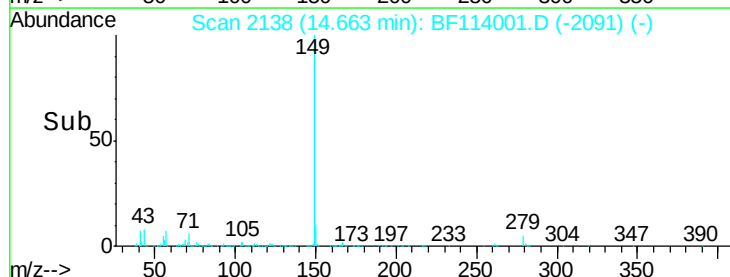
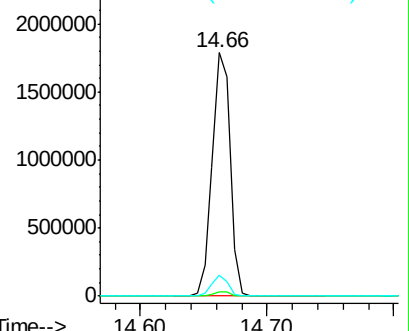
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.6	10.0

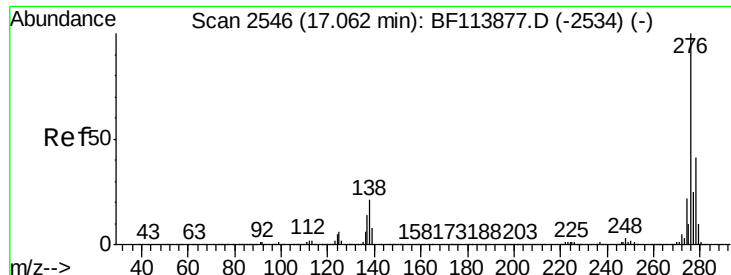


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



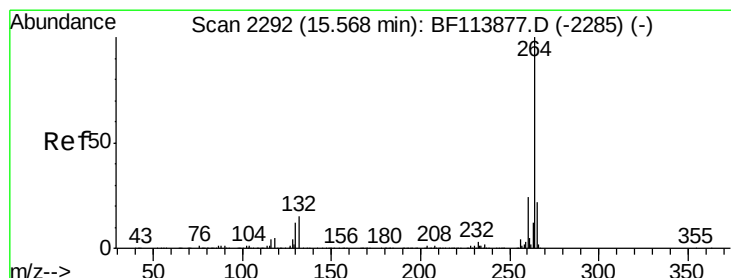
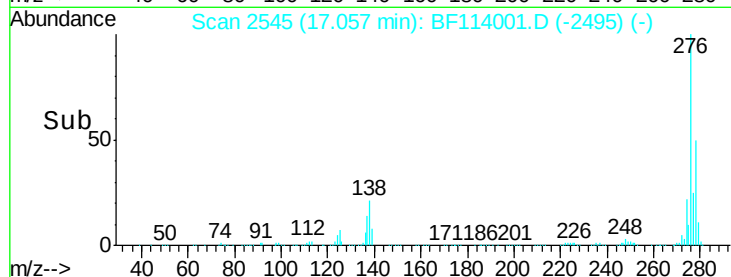
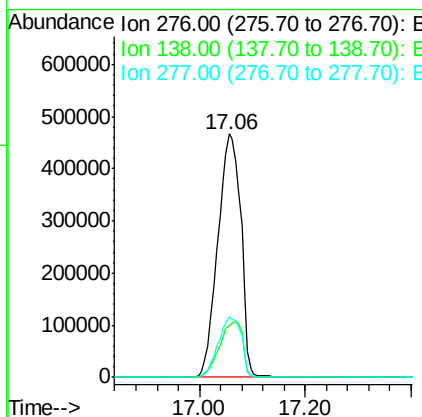
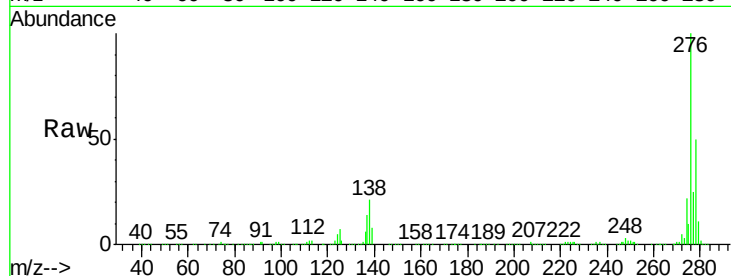


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.070 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion:276 Resp: 1409772

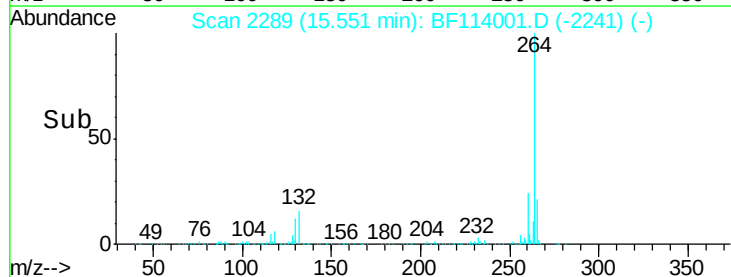
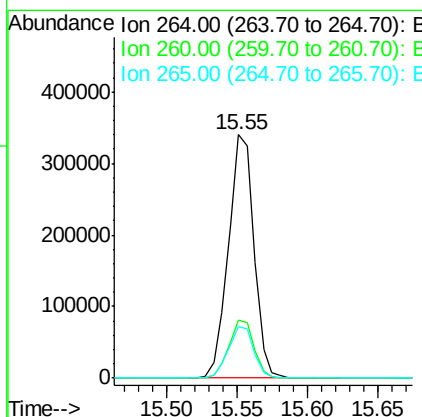
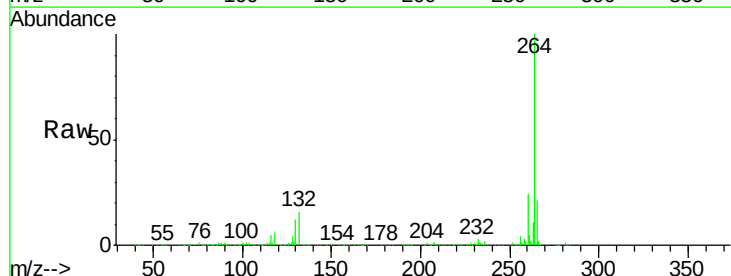
Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
277	25.2	20.2	30.4

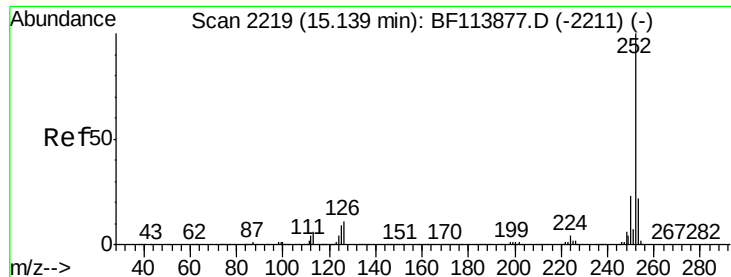


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:264 Resp: 428531

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.3	25.9

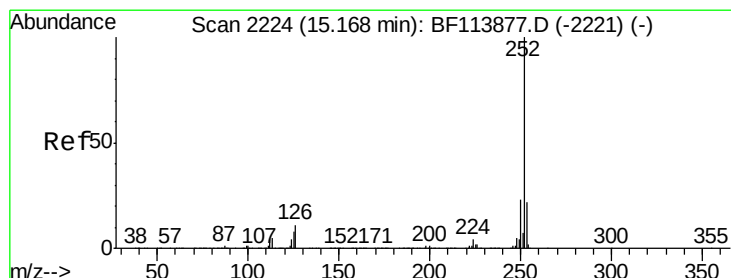
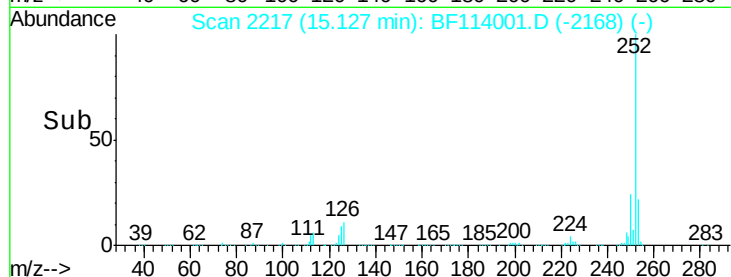
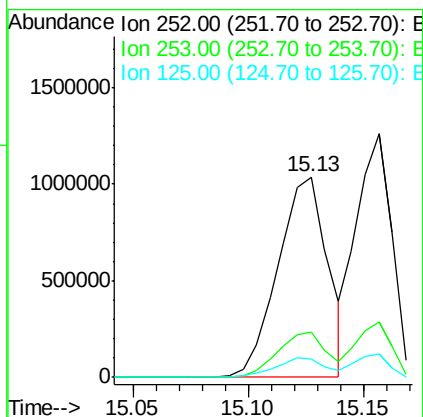
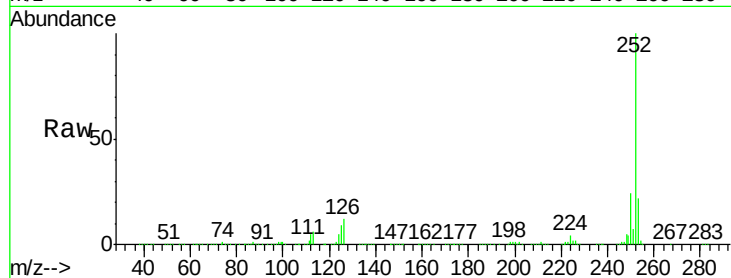




#88
Benzo(b)fluoranthene
Concen: 57.231 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

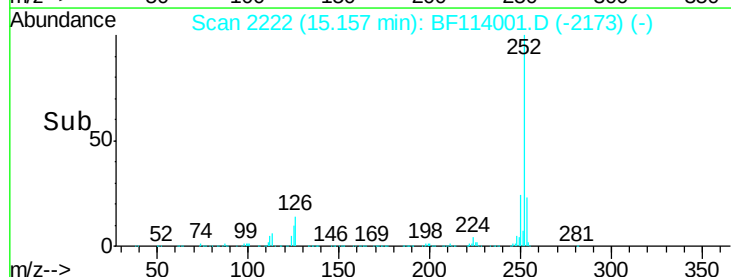
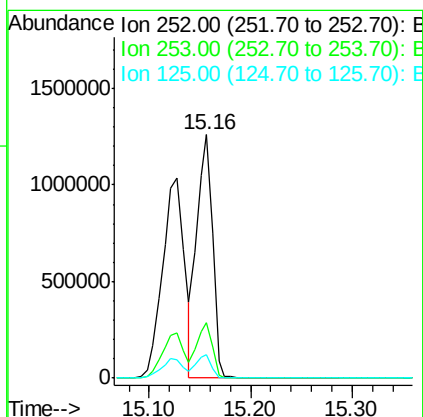
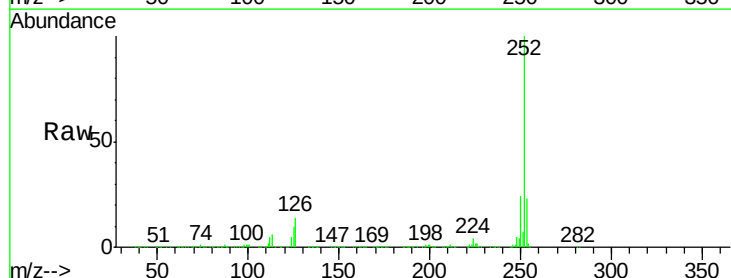
Instrument :
BNA_F
ClientSampleId :
PB119139BS

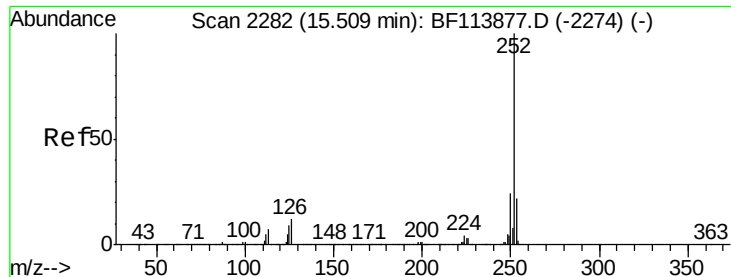
Tot Ion:252 Resp: 1551701
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.0 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 58.104 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:252 Resp: 1355101
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.8 7.4 11.2





#90

Benzo(a)pyrene

Concen: 56.453 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

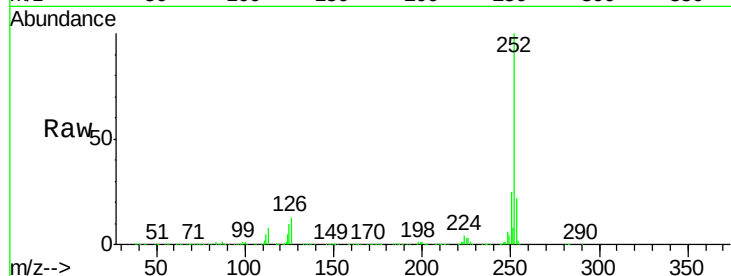
Tot Ion:252 Resp: 1323907

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

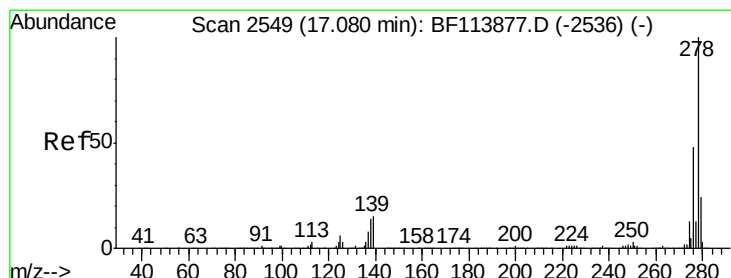
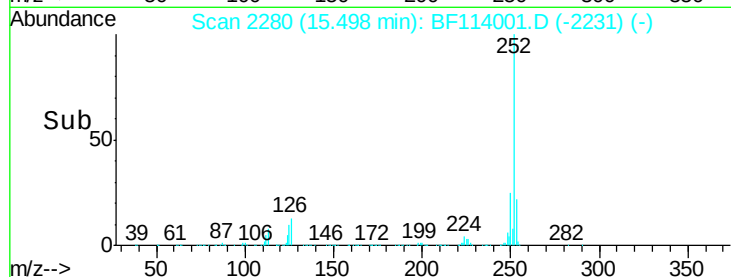
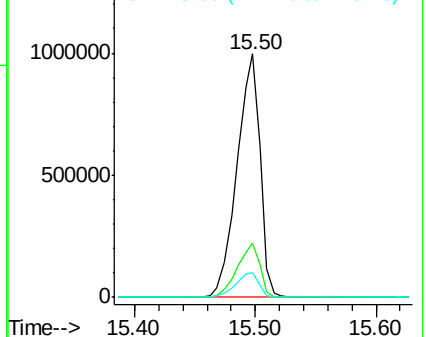
125 10.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 53.240 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

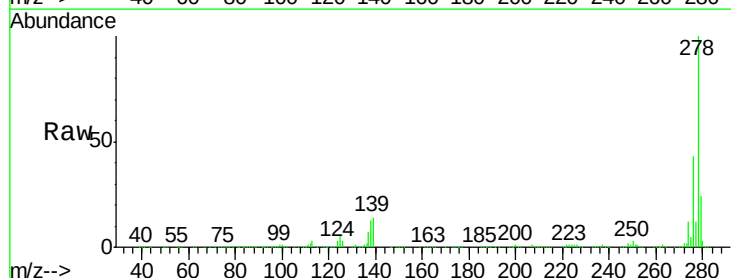
Tgt Ion:278 Resp: 1172027

Ion Ratio Lower Upper

278 100

139 14.1 11.6 17.4

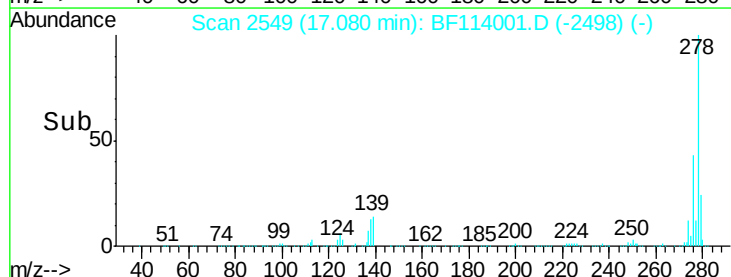
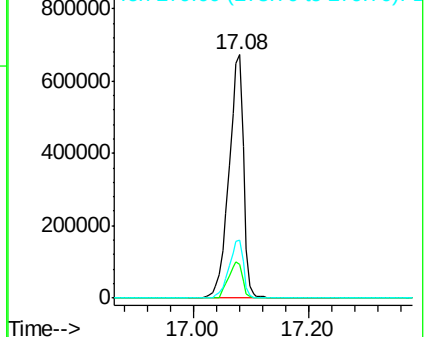
279 23.7 19.0 28.6

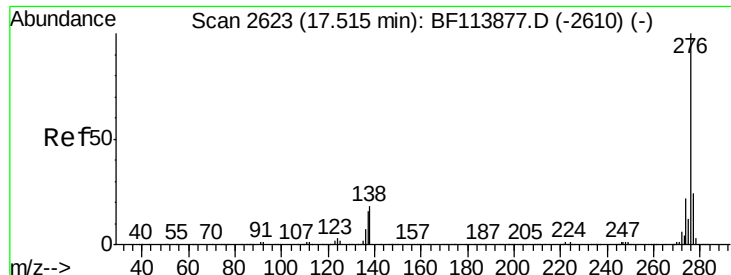


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

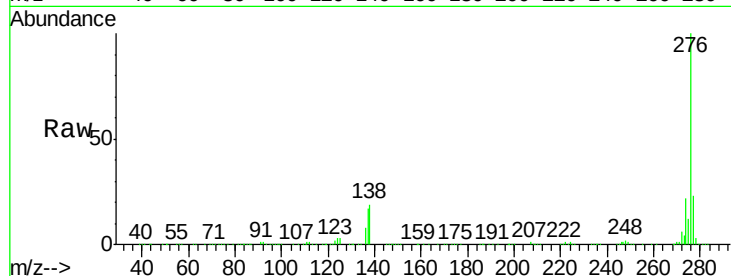




#92
 Benzo(a,h,i)perylene
 Concen: 54.553 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tot Ion:276 Resp: 1211956
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.4
 138 19.3 16.6 25.0



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

