

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114002.D
 Acq On : 26 Apr 2019 11:47
 Operator : JU/SJ
 Sample : PB119139BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Quant Time: Apr 26 22:57:15 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	212242	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	869882	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	470761	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	943610	20.00	ng	0.00
76) Chrysene-d12	14.07	240	738281	20.00	ng	0.00
87) Perylene-d12	15.57	264	449334	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1542290	124.29	ng	0.03
7) Phenol-d6	6.55	99	1989191	127.77	ng	0.02
23) Nitrobenzene-d5	7.46	82	1133003	80.42	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	701082	122.25	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2204120	73.23	ng	0.00
79) Terphenyl-d14	13.01	244	2601131	72.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	221827	37.922	ng	96
3) Pyridine	3.57	79	408869	25.608	ng	95
4) n-Nitrosodimethylamine	3.51	42	198988	36.407	ng	94
6) Aniline	6.57	93	586219	27.421	ng	98
8) 2-Chlorophenol	6.69	128	603561	42.601	ng	100
9) Benzaldehyde	6.45	77	30685	Below Cal		99
10) Phenol	6.56	94	739722	39.734	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	584042	41.689	ng	99
12) 1,3-Dichlorobenzene	6.85	146	625429	38.978	ng	98
13) 1,4-Dichlorobenzene	6.92	146	638121	39.539	ng	98
14) 1,2-Dichlorobenzene	7.07	146	601980	40.586	ng	99
15) Benzyl Alcohol	7.05	79	513091	48.933	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	660771	40.405	ng	90
17) 2-Methylphenol	7.16	107	547805	44.111	ng	96
18) Hexachloroethane	7.42	117	228157	40.328	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	430097	42.659	ng	99
20) 3+4-Methylphenols	7.31	107	618827	44.104	ng	# 84
22) Acetophenone	7.31	105	843578	43.578	ng	# 88
24) Nitrobenzene	7.48	77	666077	42.787	ng	99
25) Isophorone	7.72	82	1231283	42.712	ng	99
26) 2-Nitrophenol	7.80	139	348531	49.076	ng	99
27) 2,4-Dimethylphenol	7.83	122	587530	50.777	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	767831	41.799	ng	100
29) 2,4-Dichlorophenol	8.05	162	583078	44.067	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	625146	42.373	ng	99
31) Naphthalene	8.20	128	1747694	42.292	ng	99
32) Benzoic acid	7.99	122	429912	55.018	ng	98
33) 4-Chloroaniline	8.25	127	502907	28.761	ng	99
34) Hexachlorobutadiene	8.32	225	373861	40.650	ng	99
35) Caprolactam	8.65	113	118138	28.067	ng	89
36) 4-Chloro-3-methylphenol	8.74	107	581541	44.362	ng	99
37) 2-Methylnaphthalene	8.90	142	1212126	43.498	ng	98
38) 1-Methylnaphthalene	9.00	142	1148731	42.710	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	619970	40.543	ng	99

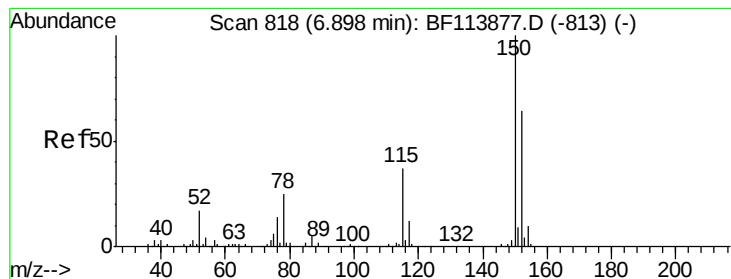
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	566751	66.463	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	448788	46.218	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	465693	42.758	ng	99
46) 1,1'-Biphenyl	9.36	154	1486894	41.345	ng	98
47) 2-Chloronaphthalene	9.39	162	1217209	41.620	ng	97
48) 2-Nitroaniline	9.48	65	355051	46.311	ng	91
49) Acenaphthylene	9.80	152	1824410	39.848	ng	100
50) Dimethylphthalate	9.66	163	1477219	43.389	ng	100
51) 2,6-Dinitrotoluene	9.72	165	336603	46.084	ng	94
52) Acenaphthene	9.97	154	1130218	41.771	ng	98
53) 3-Nitroaniline	9.89	138	251922	32.822	ng	91
54) 2,4-Dinitrophenol	10.00	184	362379	111.065	ng	# 1
55) Dibenzofuran	10.15	168	1664806	41.075	ng	97
56) 4-Nitrophenol	10.06	139	553566	91.089	ng	94
57) 2,4-Dinitrotoluene	10.13	165	458186	49.698	ng	95
58) Fluorene	10.49	166	1257968	41.225	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	425998	44.508	ng	98
60) Diethylphthalate	10.36	149	1409316	43.590	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	663986	41.087	ng	100
62) 4-Nitroaniline	10.52	138	337201	45.019	ng	96
63) Azobenzene	10.64	77	1273337	40.636	ng	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	228648	52.126	ng	95
66) n-Nitrosodiphenylamine	10.60	169	1182473	41.764	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	452104	39.661	ng	97
68) Hexachlorobenzene	11.04	284	503435	40.189	ng	96
69) Atrazine	11.13	200	351964	38.214	ng	99
70) Pentachlorophenol	11.23	266	596097	84.048	ng	98
71) Phenanthrene	11.45	178	1935334	40.811	ng	100
72) Anthracene	11.50	178	1946348	40.644	ng	99
73) Carbazole	11.65	167	1778835	41.636	ng	98
74) Di-n-butylphthalate	11.98	149	2088989	41.566	ng	99
75) Fluoranthene	12.64	202	2042984	39.487	ng	99
77) Benzidine	12.75	184	393329	17.881	ng	98
78) Pyrene	12.87	202	2051358	39.733	ng	99
80) Butylbenzylphthalate	13.48	149	874313	43.041	ng	97
81) Benzo(a)anthracene	14.06	228	1753055	40.302	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	601537	37.730	ng	# 98
83) Chrysene	14.10	228	1717398	40.540	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	1170453	45.287	ng	100
85) Di-n-octyl phthalate	14.68	149	1838236	45.441	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1450642	36.151	ng	98
88) Benzo(b)fluoranthene	15.14	252	1564705	55.039	ng	99
89) Benzo(k)fluoranthene	15.17	252	1451886	59.372	ng	99
90) Benzo(a)pyrene	15.51	252	1360494	55.328	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	1213003	52.550	ng	99
92) Benzo(g,h,i)perylene	17.53	276	1238761	53.178	ng	98

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

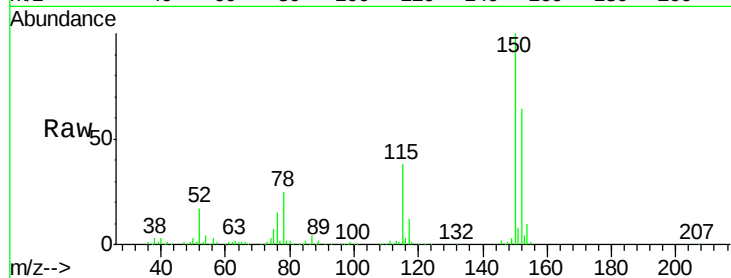


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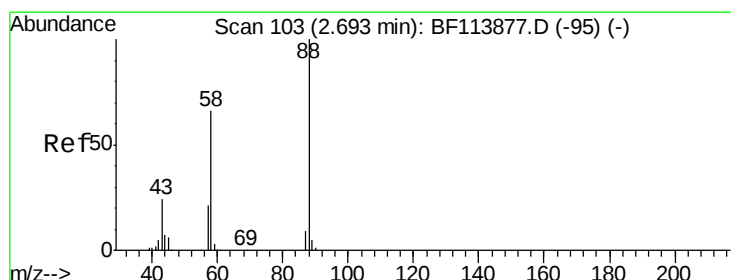
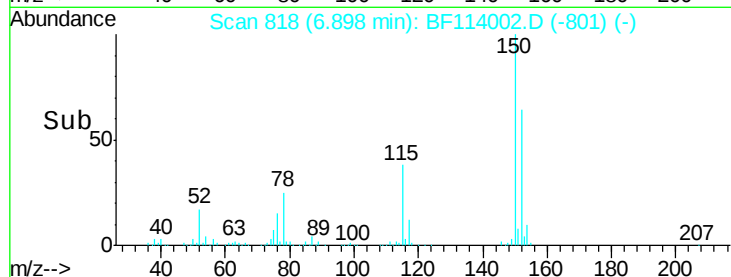
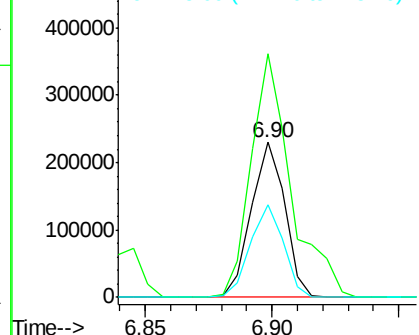
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Instrument :
BNA_F
ClientSampleId :
PB119139BSD

Tot Ion:152 Resp: 212242
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 60.2 45.9 68.9



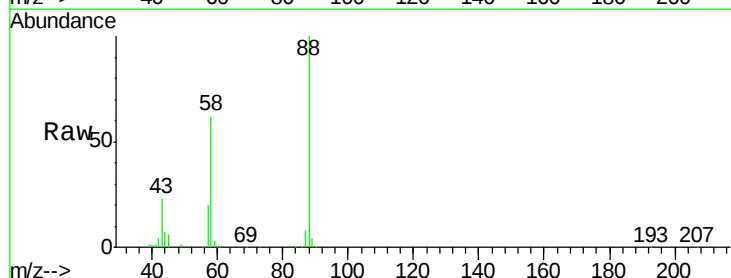
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



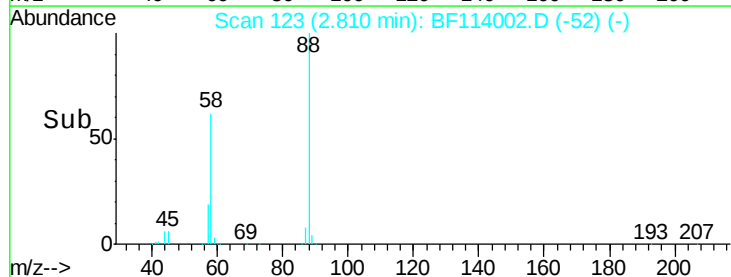
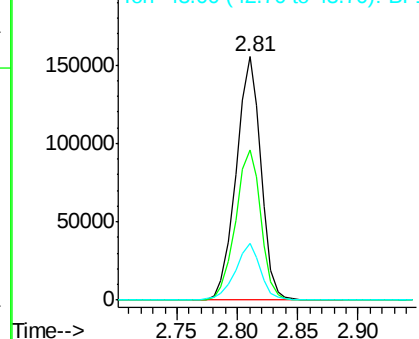
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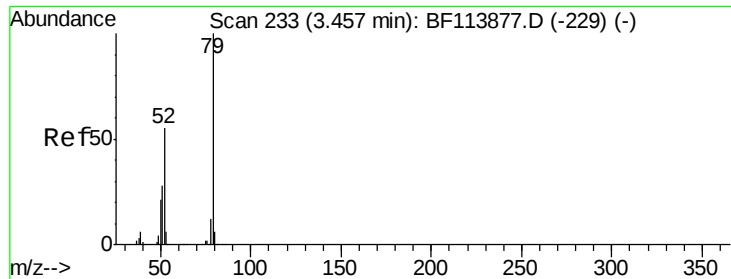
1,4-Dioxane
Concen: 37.922 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.12 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion: 88 Resp: 221827
Ion Ratio Lower Upper
88 100
58 63.1 53.3 79.9
43 23.0 19.0 28.4



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

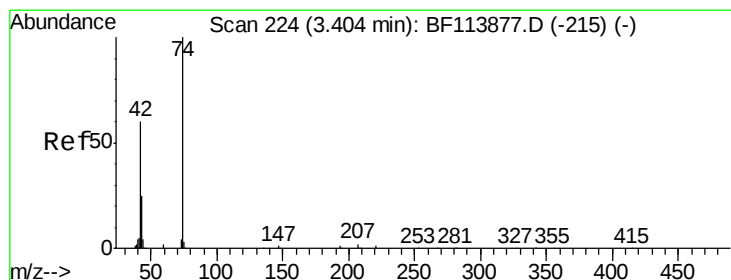
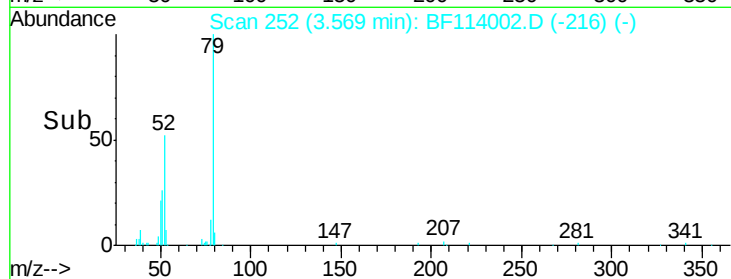
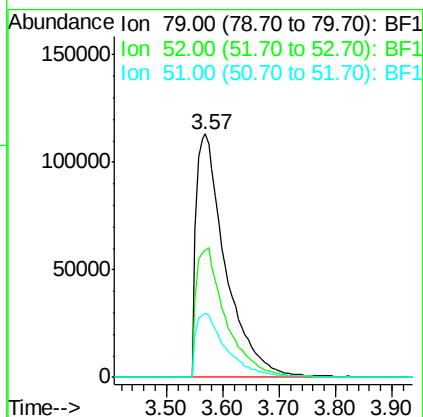
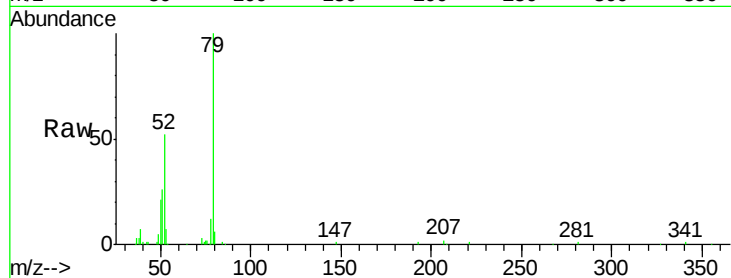




#3
 Pvridine
 Concen: 25.608 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

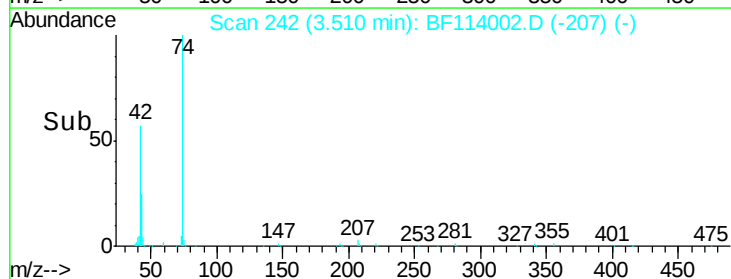
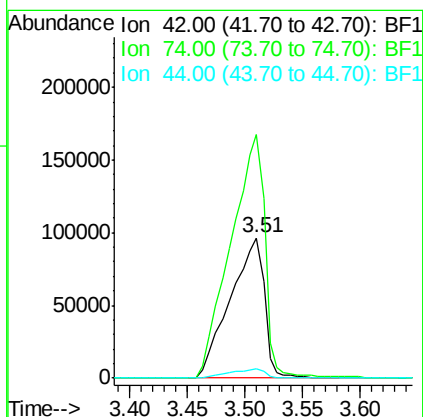
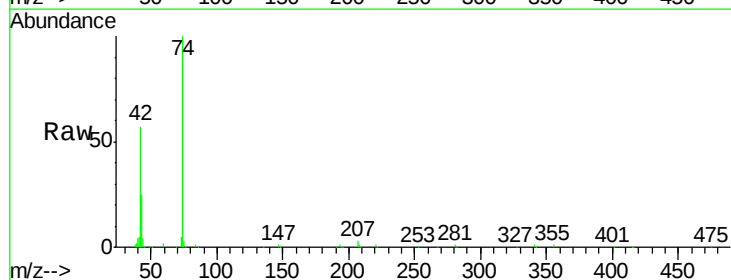
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

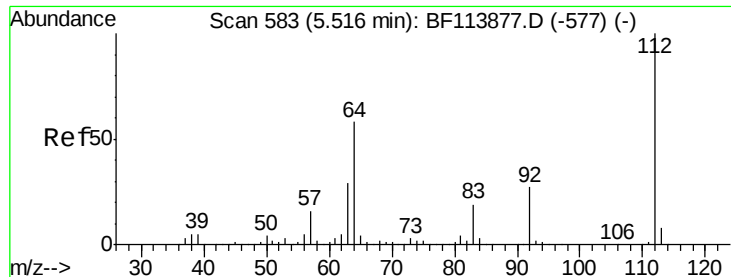
Tot Ion: 79 Resp: 408869
 Ion Ratio Lower Upper
 79 100
 52 52.1 45.3 67.9
 51 26.5 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 36.407 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.11 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion: 42 Resp: 198988
 Ion Ratio Lower Upper
 42 100
 74 174.0 132.6 198.8
 44 6.5 5.8 8.8





#5

2-Fluorophenol

Concen: 124.286 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

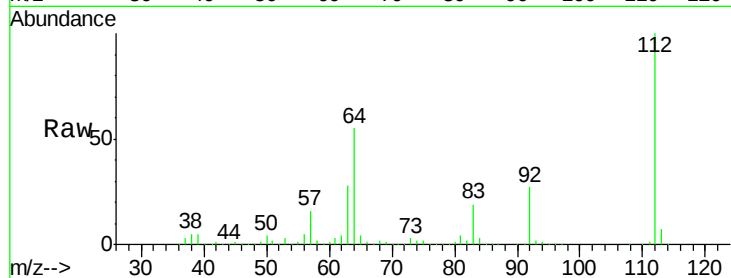
Tot Ion:112 Resp: 1542290

Ion Ratio Lower Upper

112 100

64 55.4 46.6 69.8

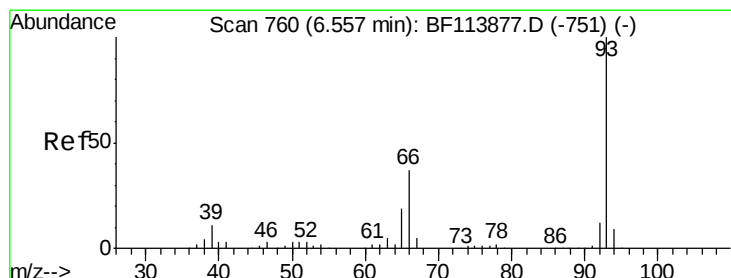
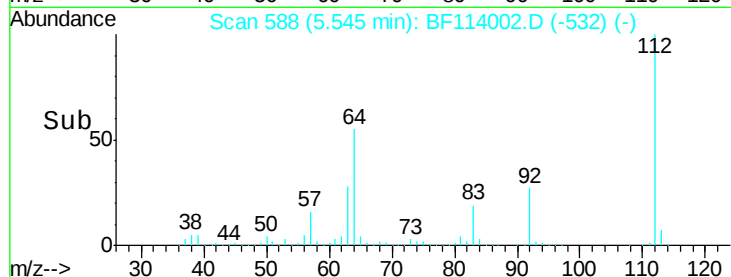
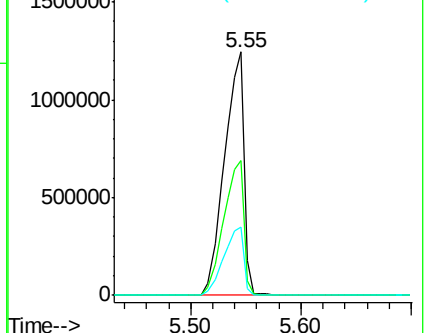
63 27.9 23.1 34.7



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: 27.421 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

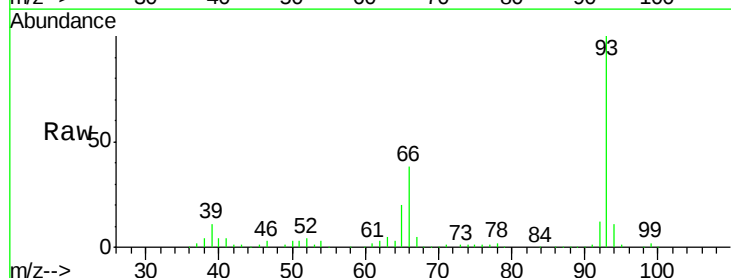
Tgt Ion: 93 Resp: 586219

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

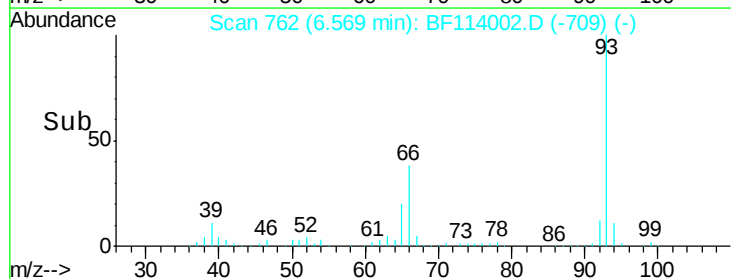
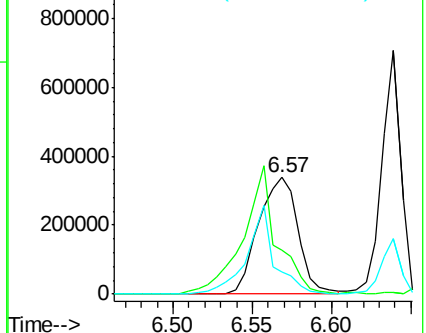
65 19.6 14.9 22.3

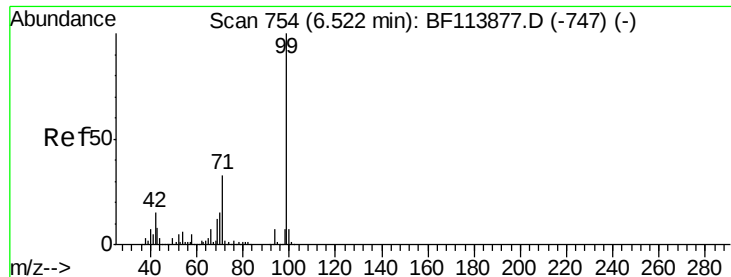


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.767 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

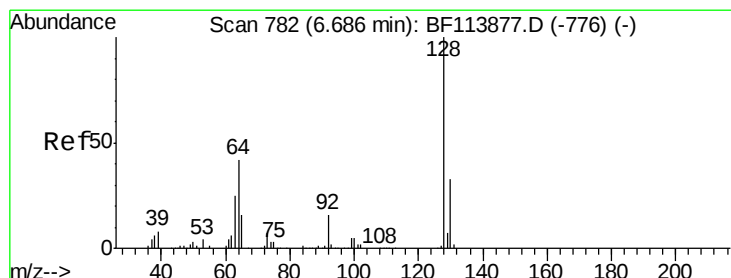
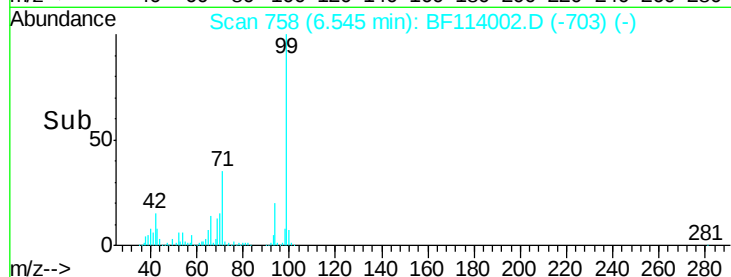
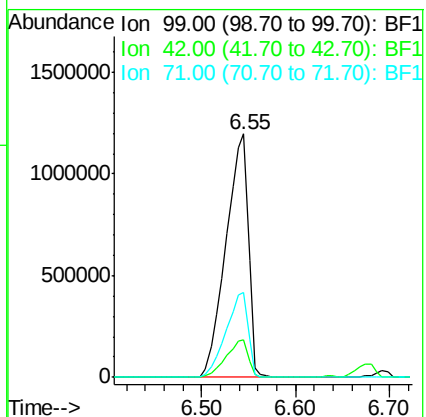
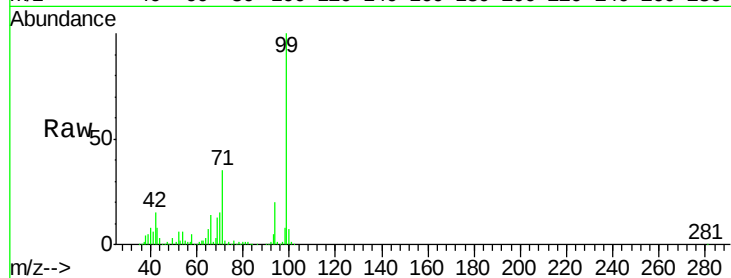
Tot Ion: 99 Resp: 1989191

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

71 35.0 26.9 40.3



#8

2-Chlorophenol

Concen: 42.601 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

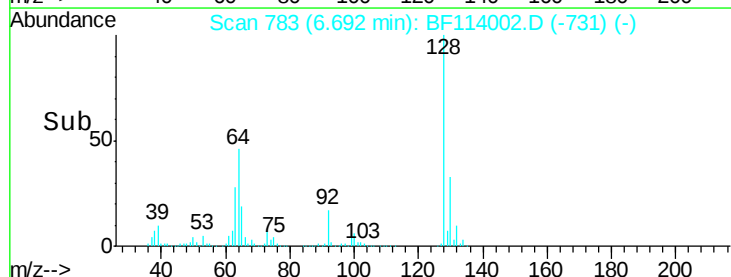
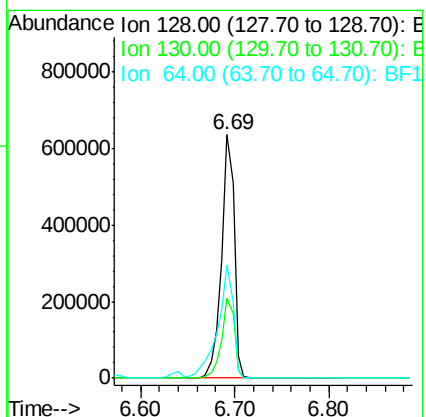
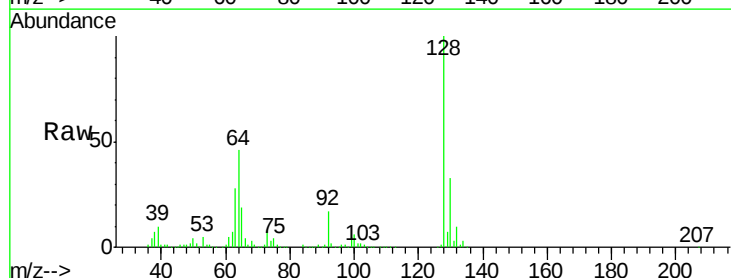
Tgt Ion: 128 Resp: 603561

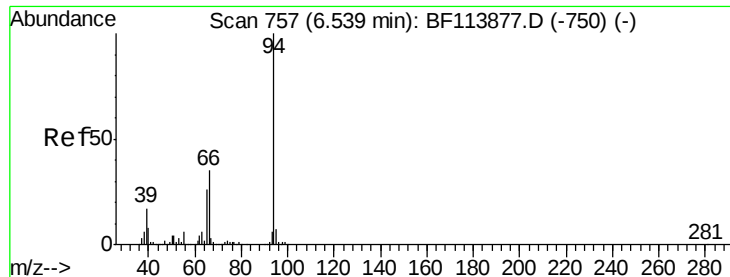
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 46.4 26.1 66.1





#10

Phenol

Concen: 39.734 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

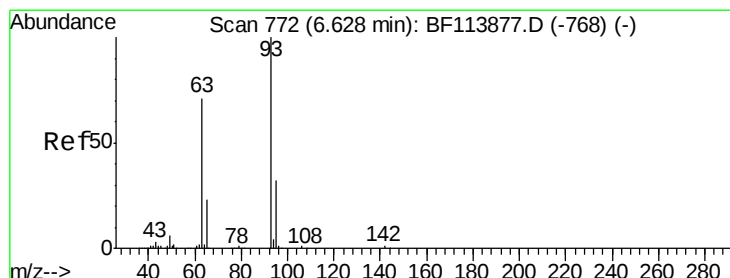
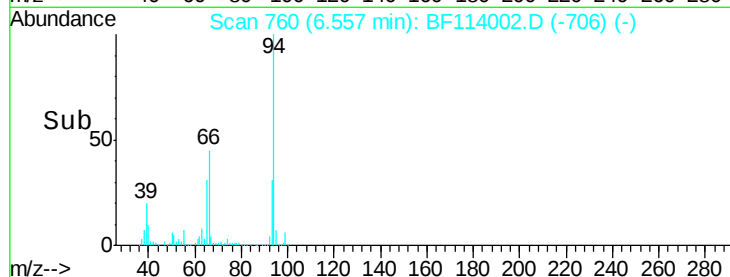
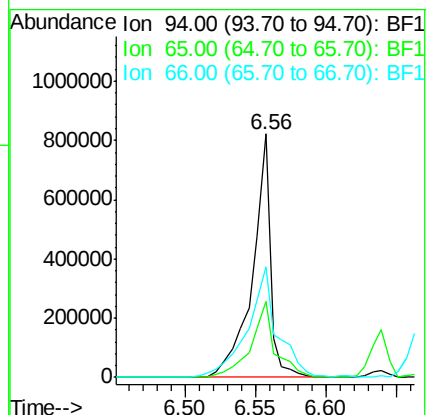
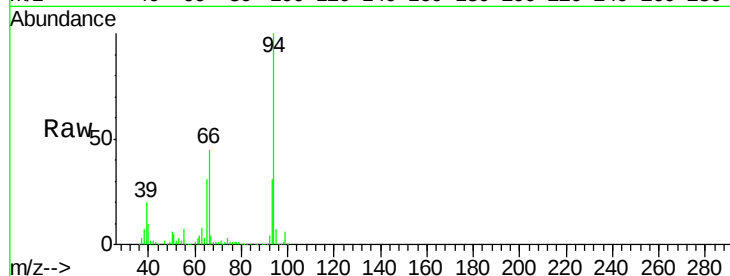
Tot Ion: 94 Resp: 739722

Ion Ratio Lower Upper

94 100

65 31.3 8.1 48.1

66 45.2 16.6 56.6



#11

bis(2-Chloroethyl)ether

Concen: 41.689 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

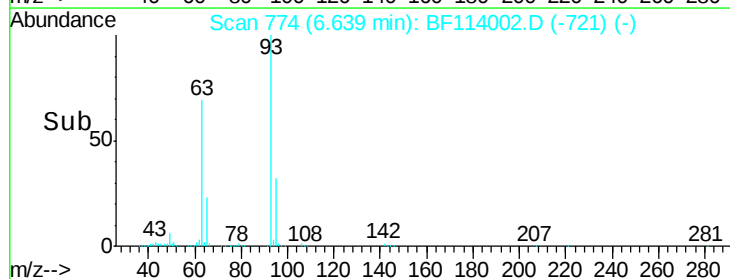
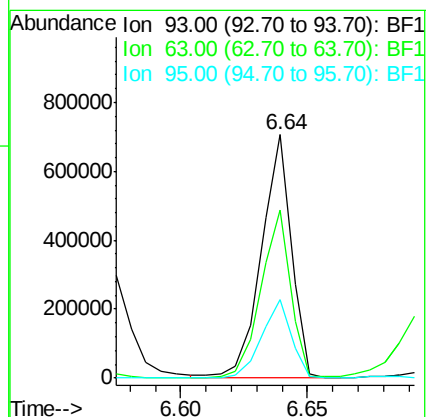
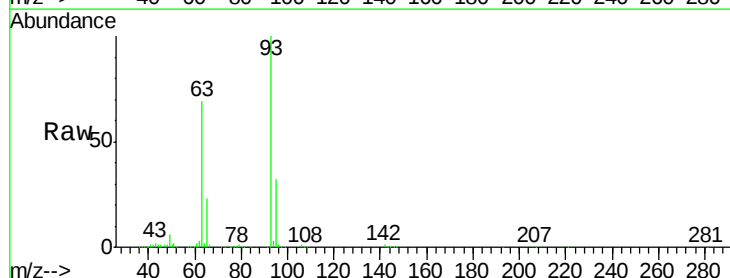
Tgt Ion: 93 Resp: 584042

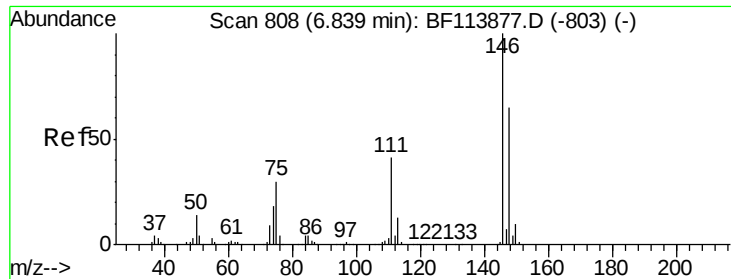
Ion Ratio Lower Upper

93 100

63 69.2 50.7 90.7

95 32.0 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 38.978 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

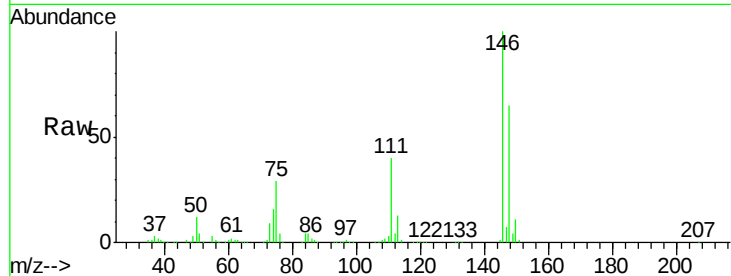
Tot Ion:146 Resp: 625429

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.6

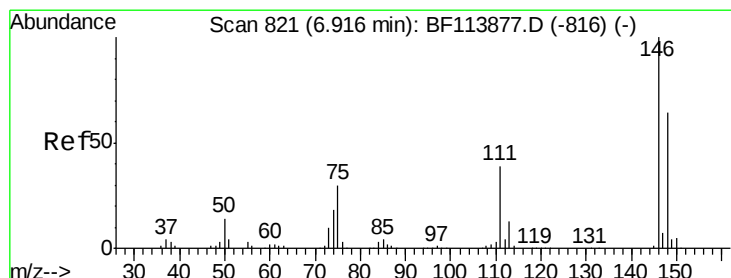
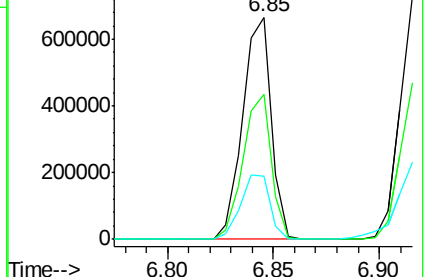
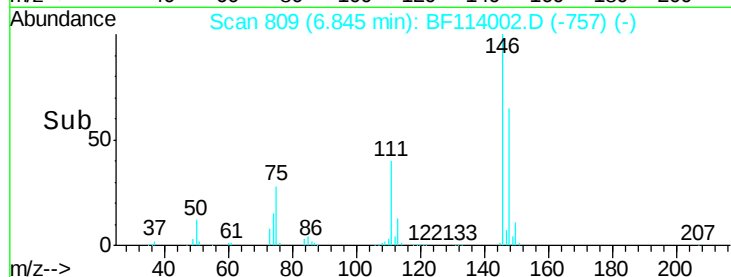
75 28.6 23.8 35.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 39.539 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

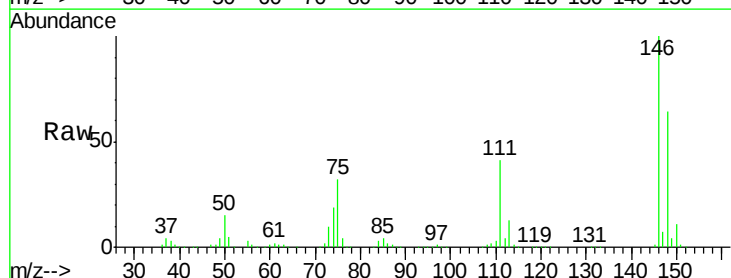
Tgt Ion:146 Resp: 638121

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

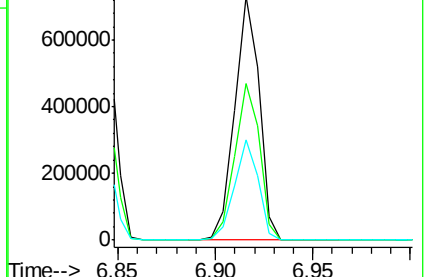
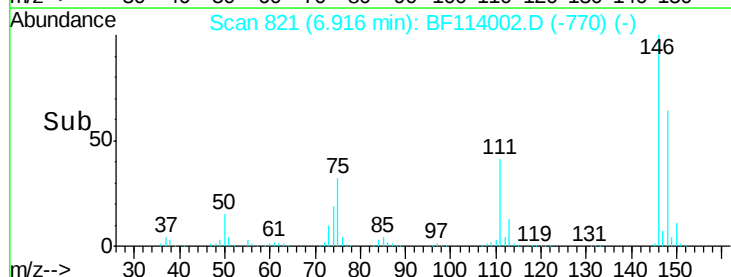
111 41.2 30.9 46.3

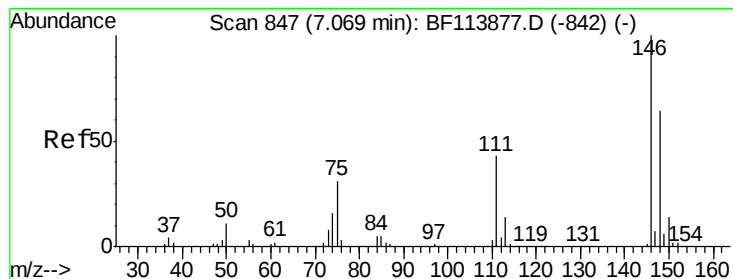


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.586 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

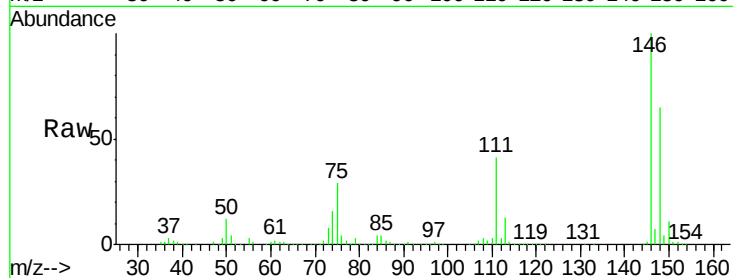
Tot Ion:146 Resp: 601980

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

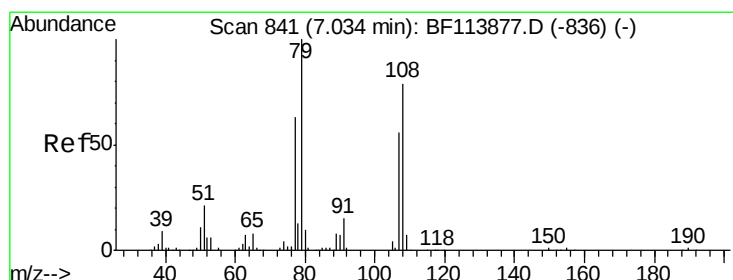
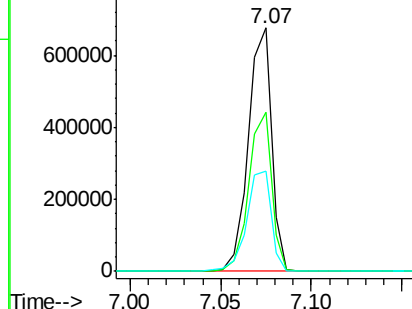
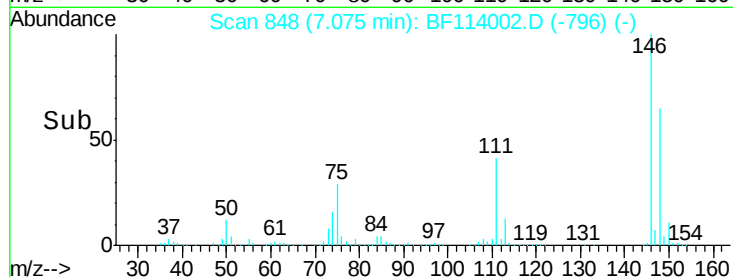
111 41.3 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 48.933 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

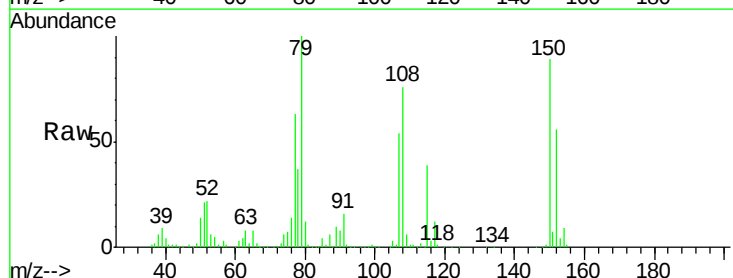
Tgt Ion: 79 Resp: 513091

Ion Ratio Lower Upper

79 100

108 75.8 61.4 92.0

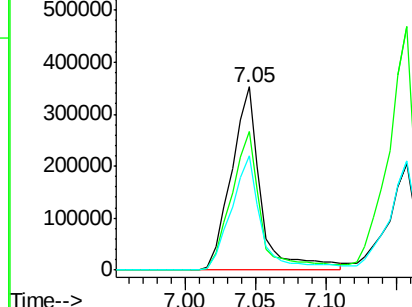
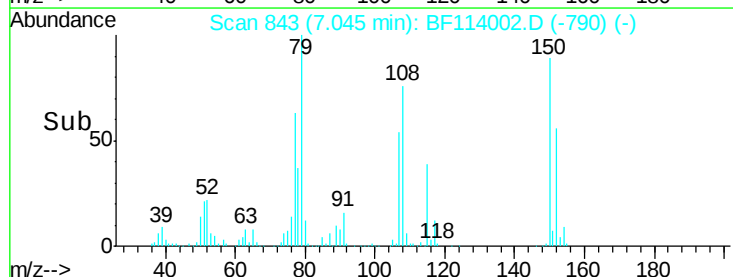
77 62.8 51.6 77.4

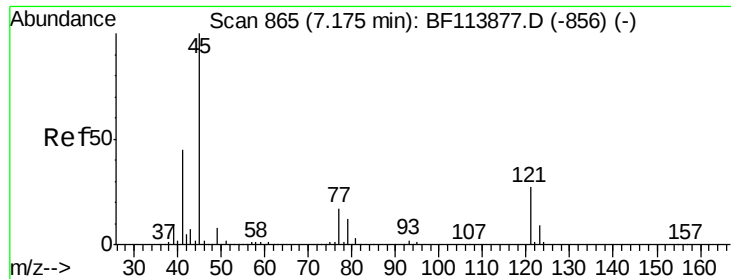


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

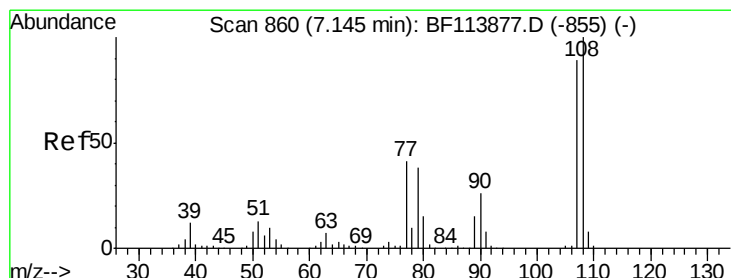
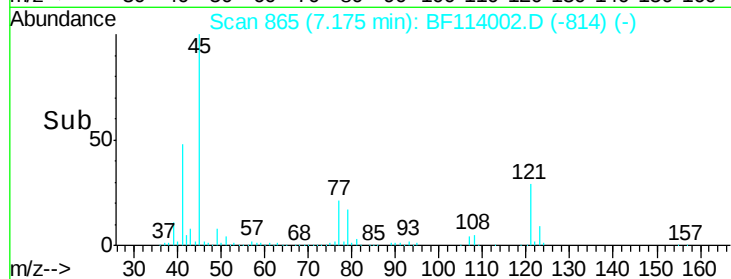
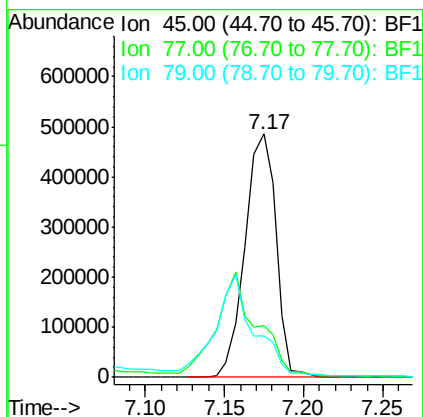
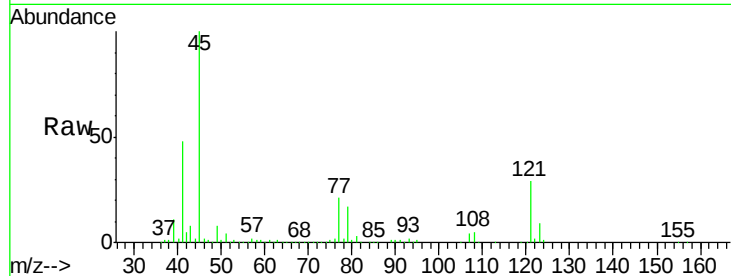




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.405 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

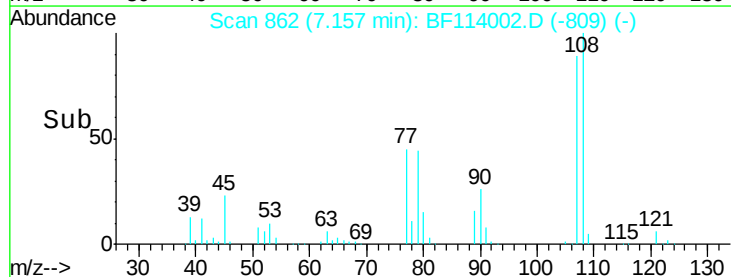
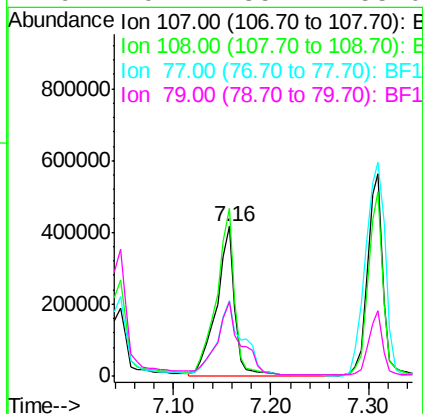
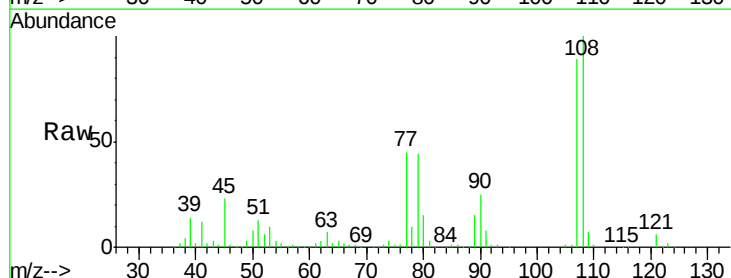
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

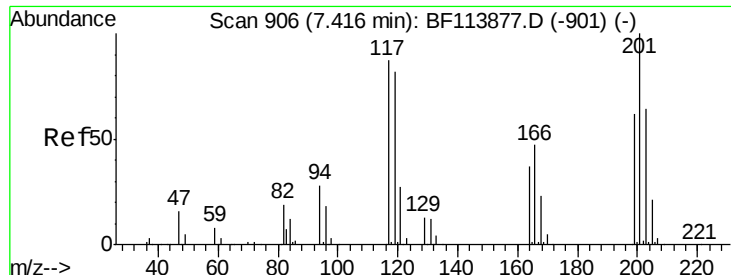
Tot Ion: 45 Resp: 660771
Ion Ratio Lower Upper
45 100
77 21.0 0.0 37.0
79 17.1 0.0 32.7



#17
2-Methylphenol
Concen: 44.111 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:107 Resp: 547805
Ion Ratio Lower Upper
107 100
108 112.7 91.5 137.3
77 50.8 36.2 54.4
79 49.4 35.4 53.0

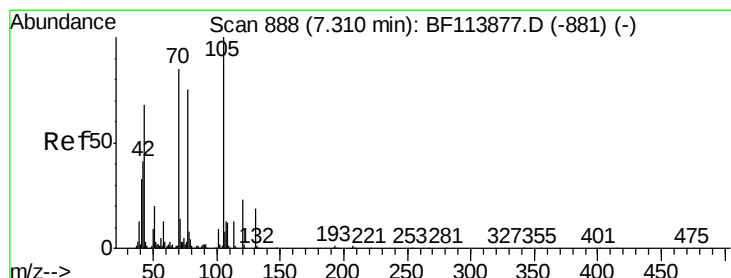
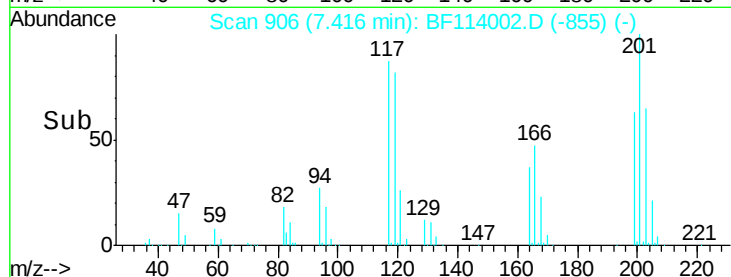
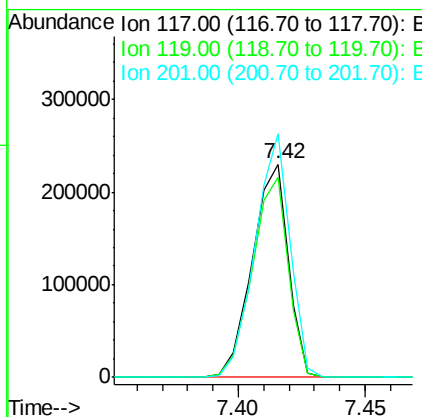
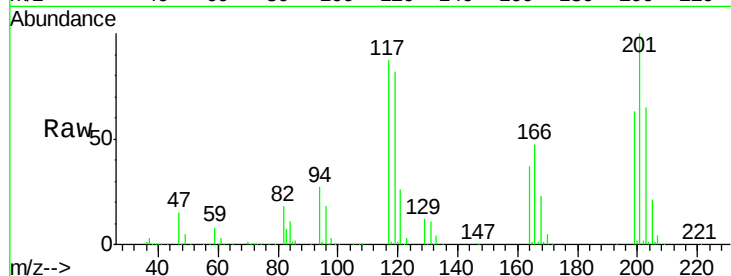




#18
Hexachloroethane
Concen: 40.328 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

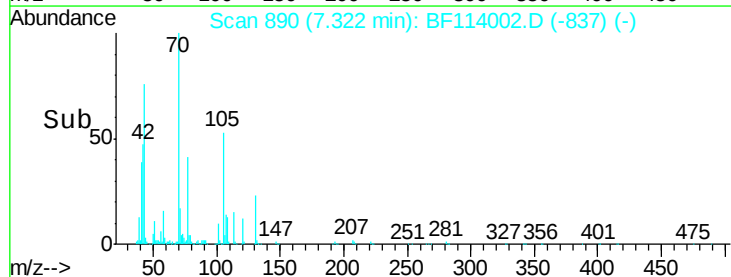
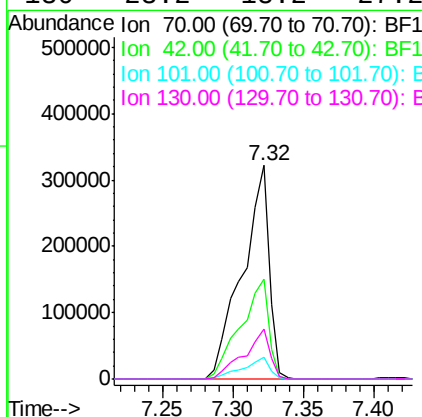
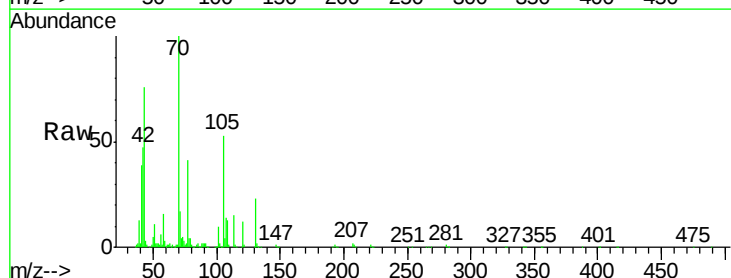
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

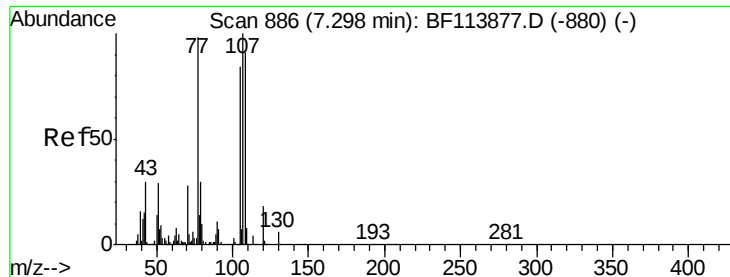
Tot Ion:117 Resp: 228157
Ion Ratio Lower Upper
117 100
119 93.9 74.4 111.6
201 114.3 90.2 135.2



#19
n-Nitroso-di-n-propylamine
Concen: 42.659 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion: 70 Resp: 430097
Ion Ratio Lower Upper
70 100
42 46.9 37.3 55.9
101 10.2 7.8 11.8
130 23.2 18.2 27.2

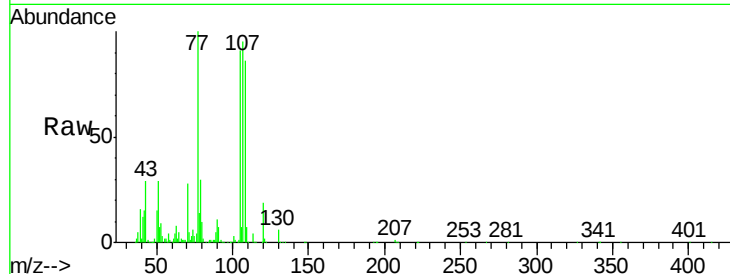




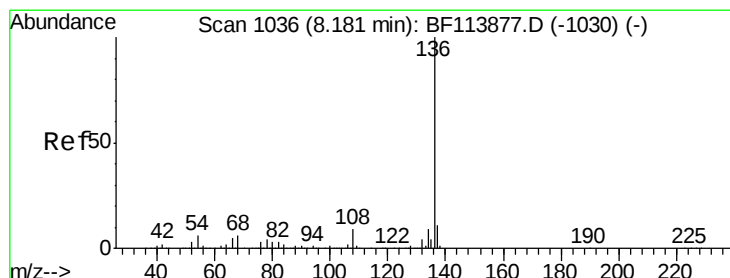
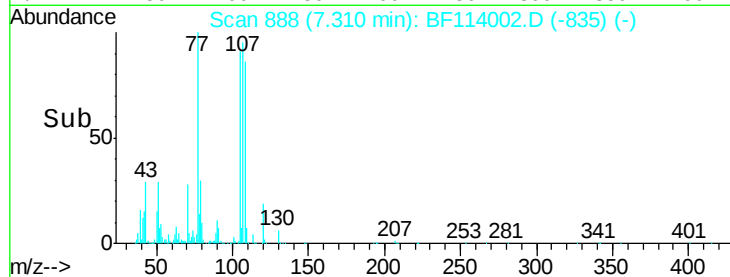
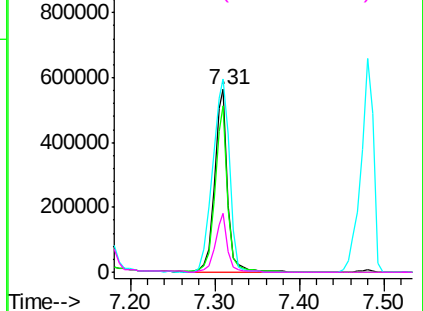
#20
3+4-Methylphenols
Concen: 44.104 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Instrument :
BNA_F
ClientSampleId :
PB119139BSD

Tot Ion:107 Resp: 618827
Ion Ratio Lower Upper
107 100
108 91.2 70.1 110.1
77 105.6 52.9 92.9#
79 32.0 10.2 50.2

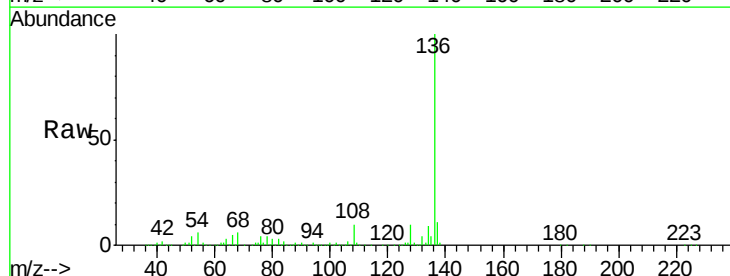


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

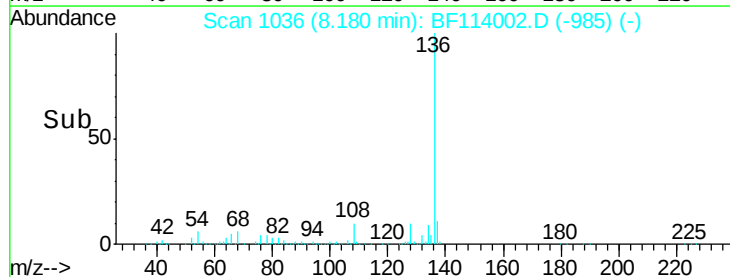
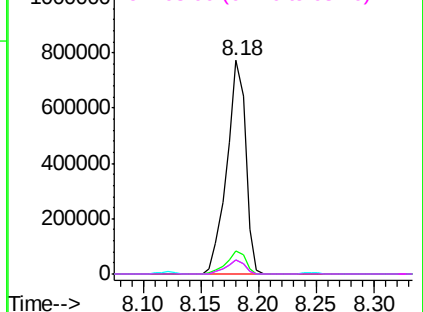


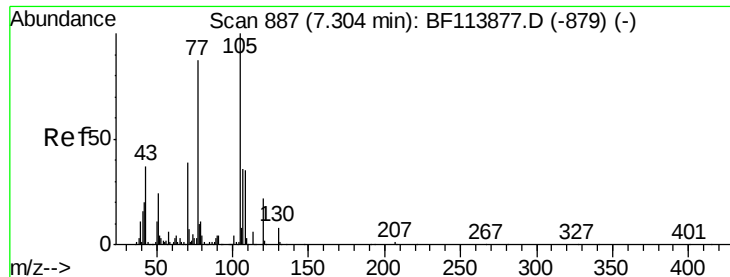
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:136 Resp: 869882
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.5 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: 43.578 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

Tot Ion:105 Resp: 843578

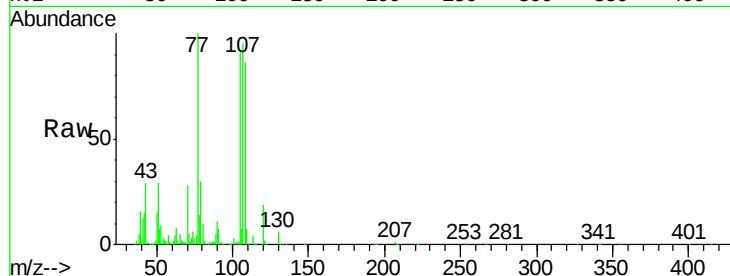
Ion Ratio Lower Upper

105 100

71 5.1 6.1 9.1#

51 32.2 16.8 25.2#

120 21.0 17.6 26.4

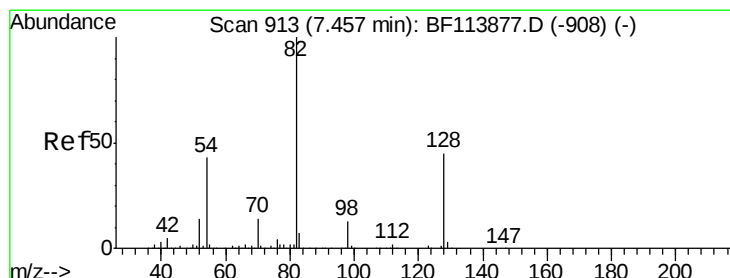
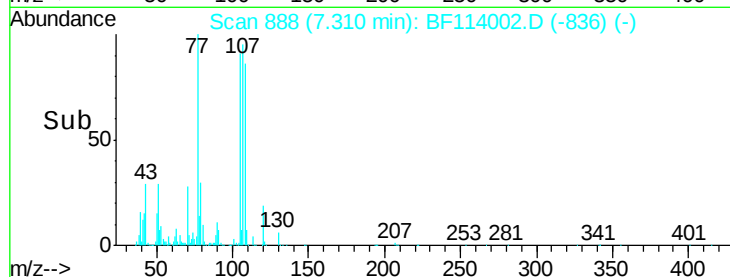
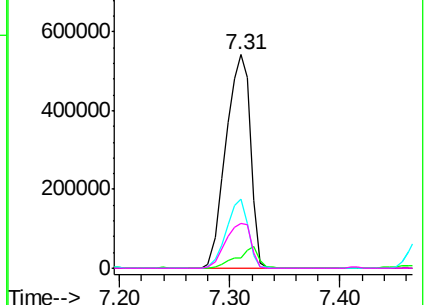


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.420 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

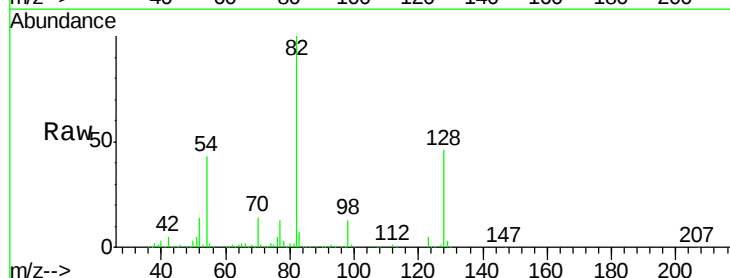
Tgt Ion: 82 Resp: 1133003

Ion Ratio Lower Upper

82 100

128 46.2 36.8 55.2

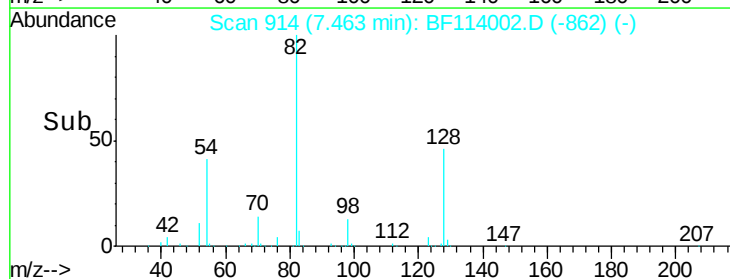
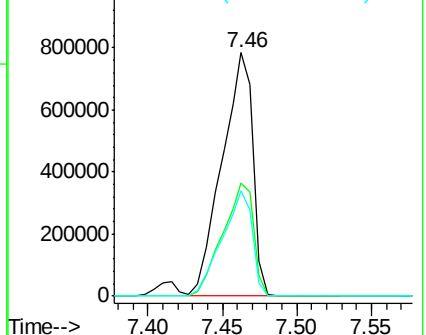
54 43.1 33.8 50.6

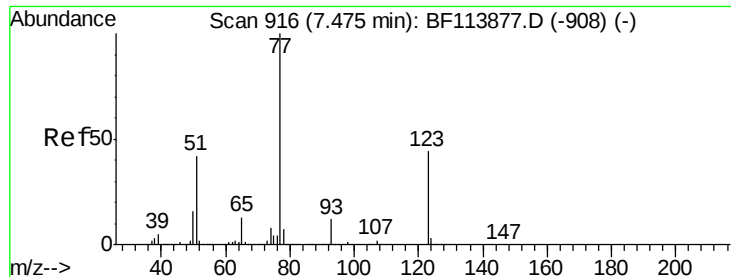


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 42.787 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

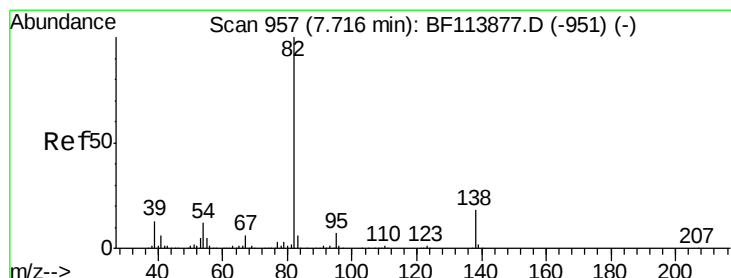
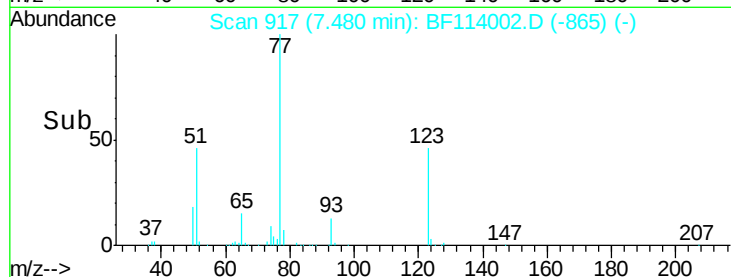
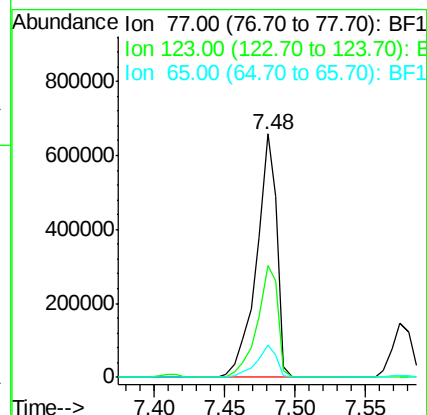
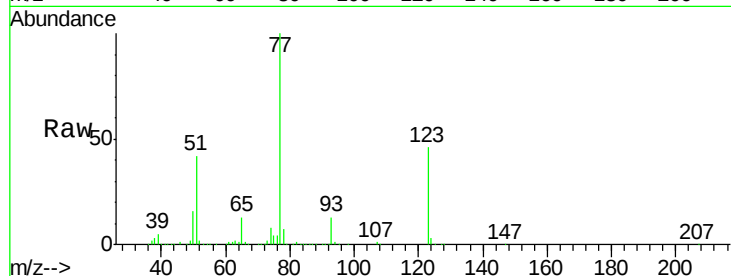
Tot Ion: 77 Resp: 666077

Ion Ratio Lower Upper

77 100

123 45.8 36.3 54.5

65 13.1 10.3 15.5



#25

Isophorone

Concen: 42.712 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

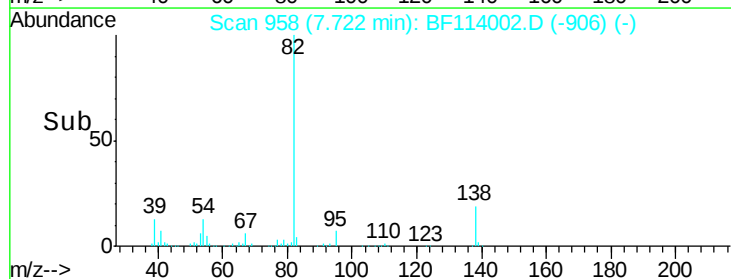
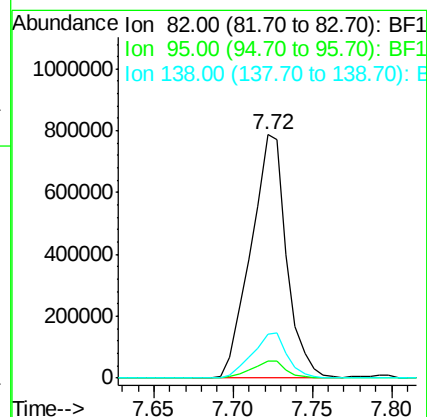
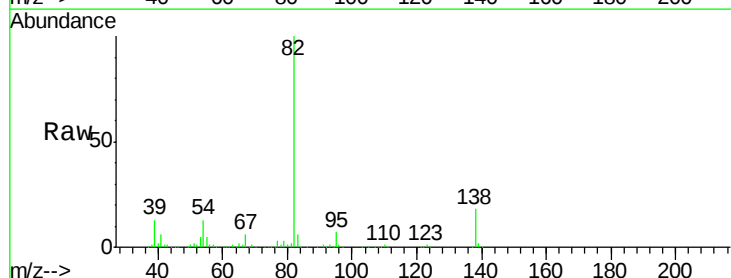
Tgt Ion: 82 Resp: 1231283

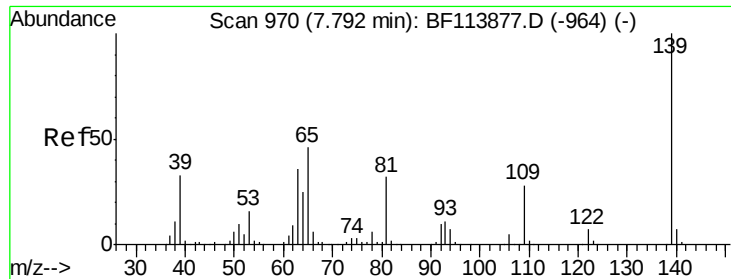
Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.0 14.6 22.0

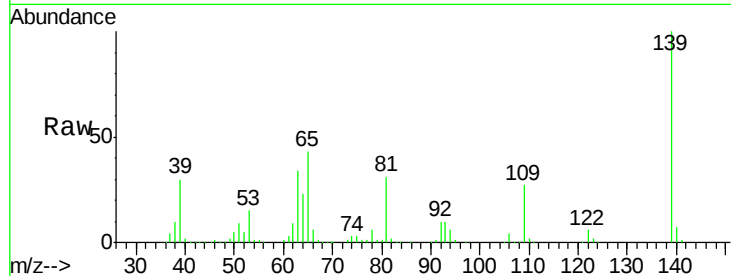




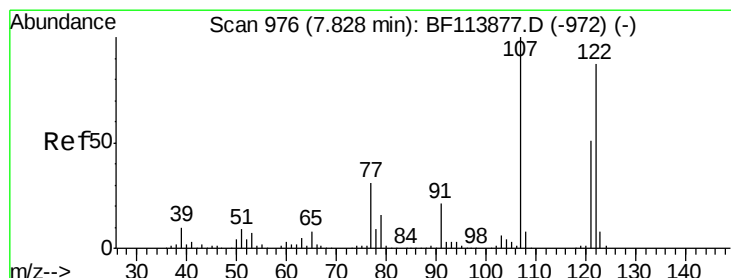
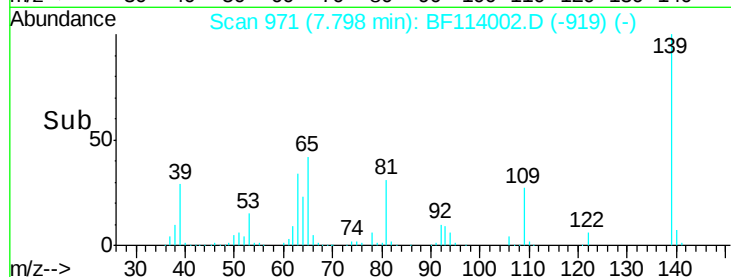
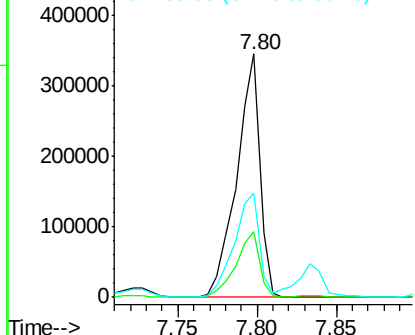
#26
 2-Nitrophenol
 Concen: 49.076 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.0	20.6	31.0
65	42.8	34.6	52.0

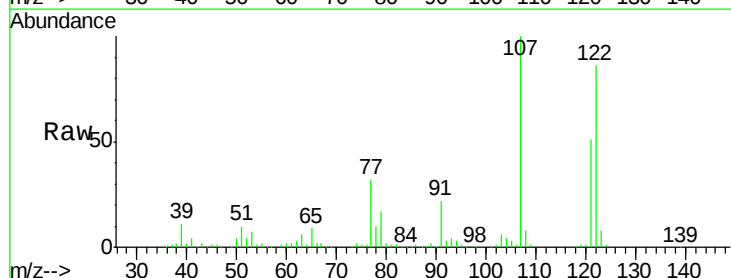


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

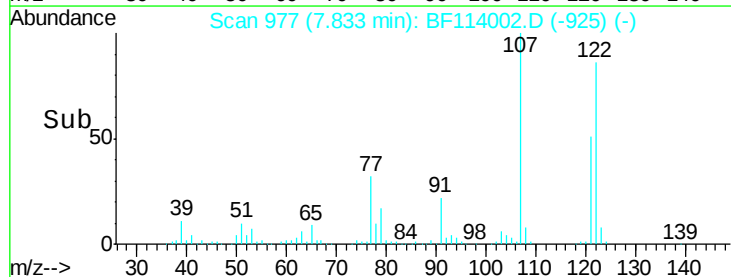
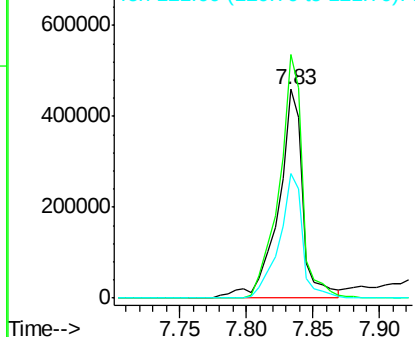


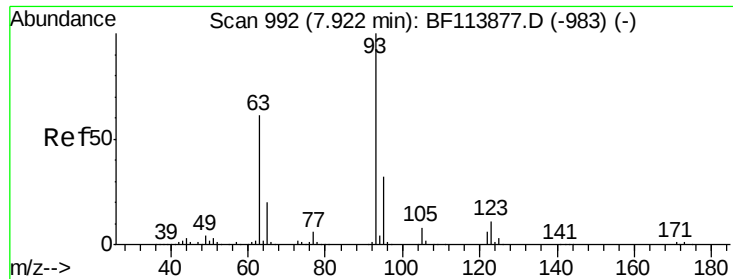
#27
 2,4-Dimethylphenol
 Concen: 50.777 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.2	136.8
121	59.6	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

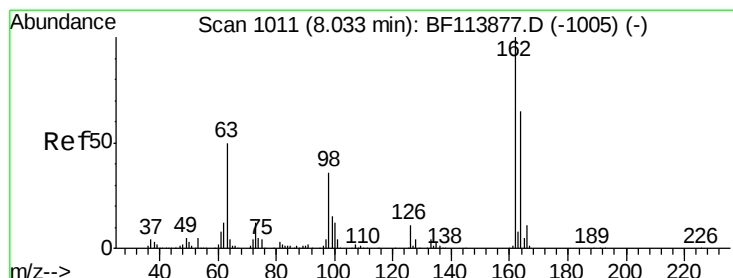
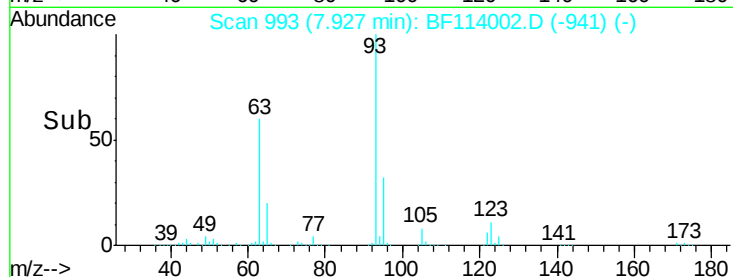
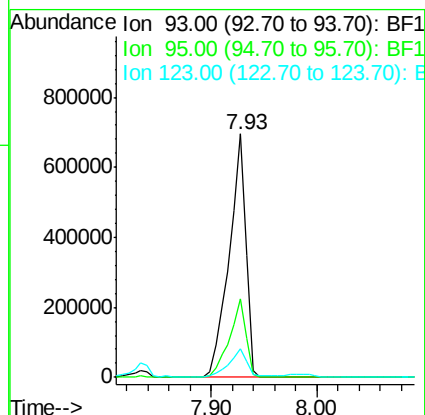
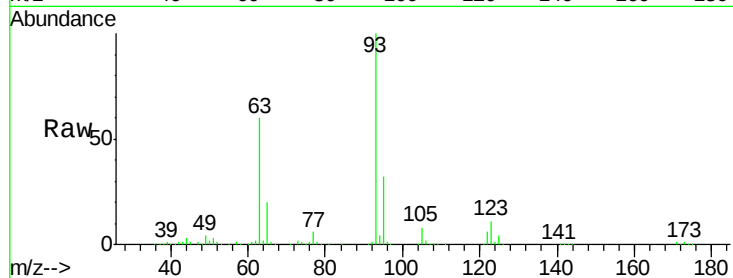




#28
bis(2-Chloroethoxy)methane
Concen: 41.799 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

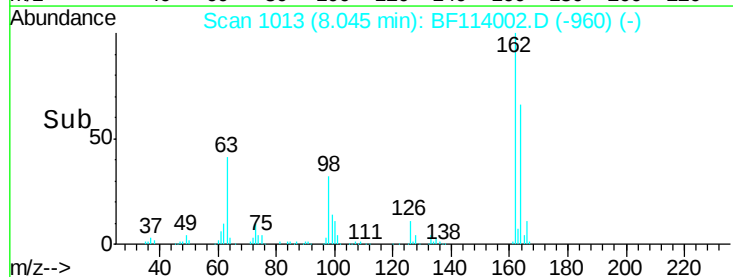
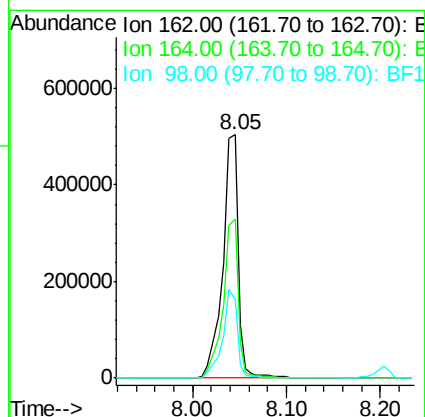
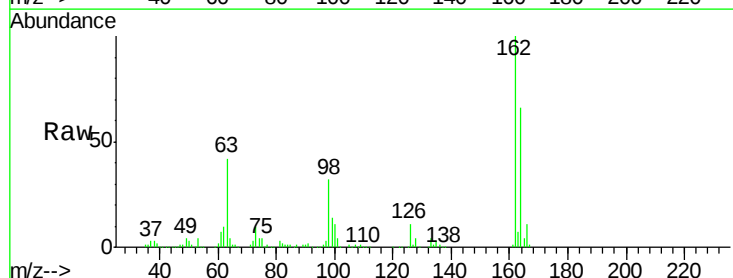
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

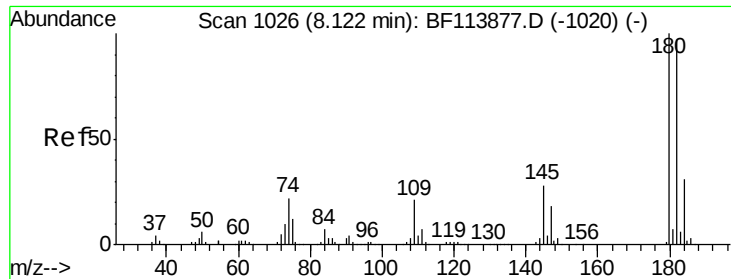
Tot Ion: 93 Resp: 767831
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.5 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 44.067 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion: 162 Resp: 583078
Ion Ratio Lower Upper
162 100
164 65.6 43.7 83.7
98 32.2 15.5 55.5

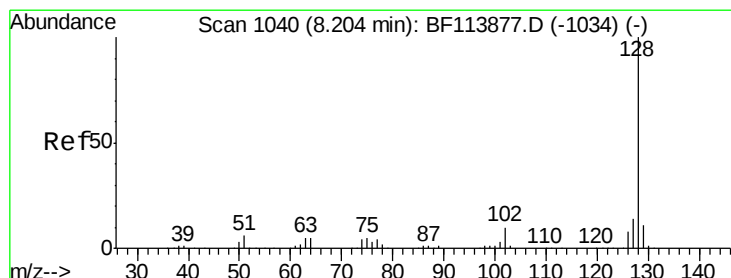
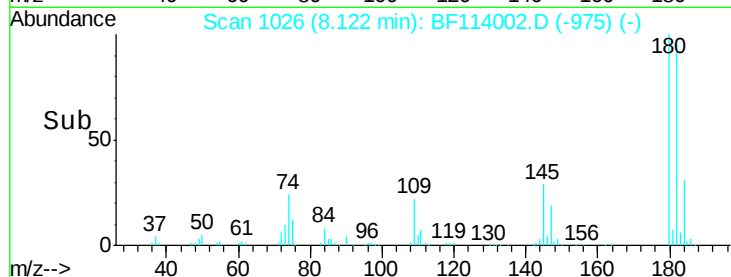
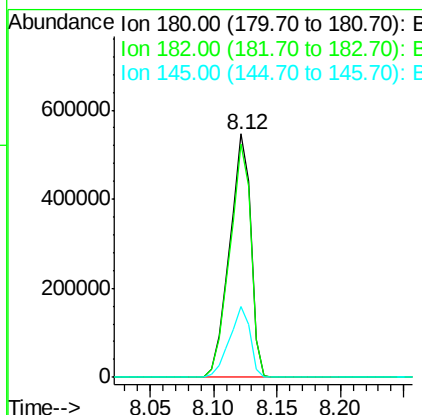
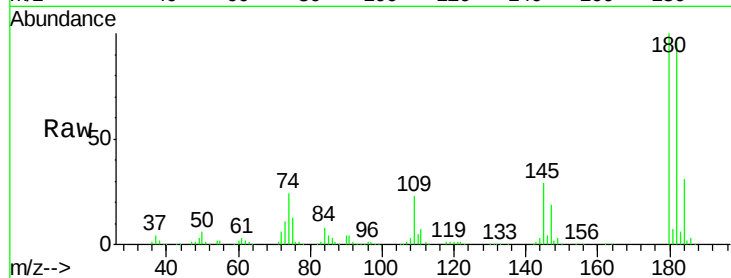




#30
 1,2,4-Trichlorobenzene
 Concen: 42.373 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

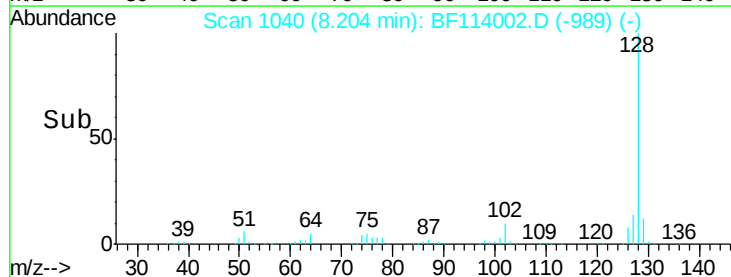
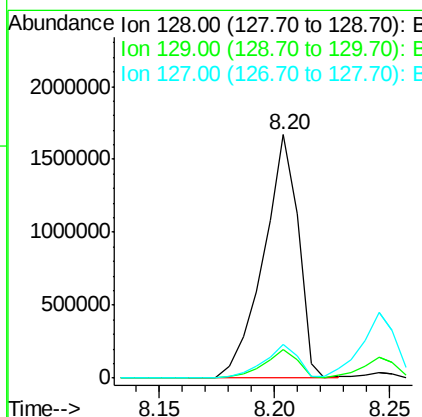
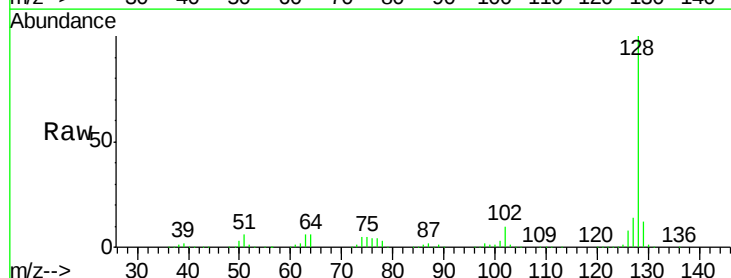
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

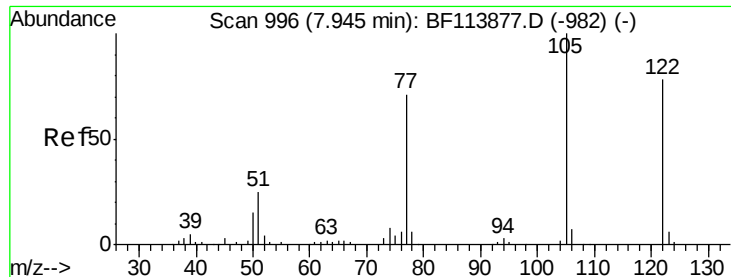
Tot Ion:180 Resp: 625146
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.4 113.0
 145 29.3 23.0 34.4



#31
 Naphthalene
 Concen: 42.292 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:128 Resp: 1747694
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.0
 127 14.0 10.8 16.2





#32

Benzoic acid

Concen: 55.018 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.05 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

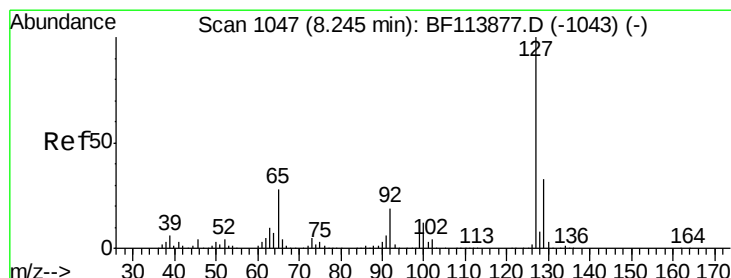
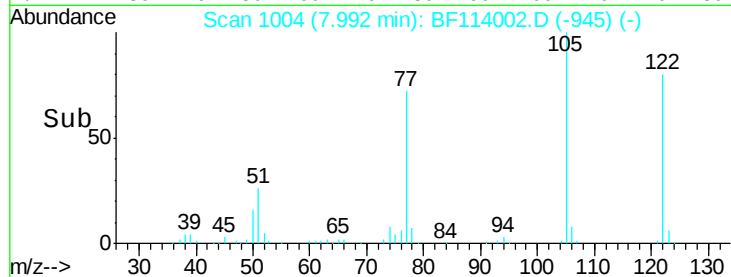
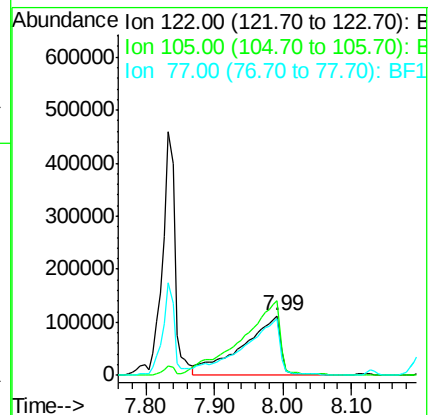
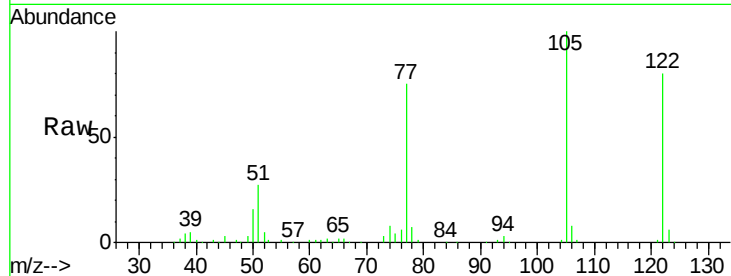
Tot Ion:122 Resp: 429912

Ion Ratio Lower Upper

122 100

105 125.6 104.3 144.3

77 94.4 70.4 110.4



#33

4-Chloroaniline

Concen: 28.761 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Tgt Ion:127 Resp: 502907

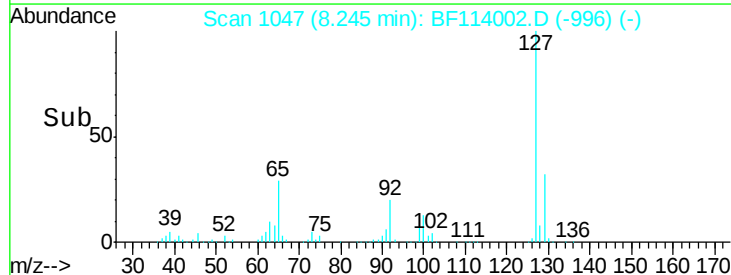
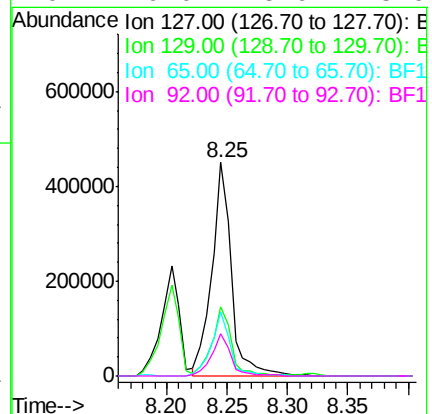
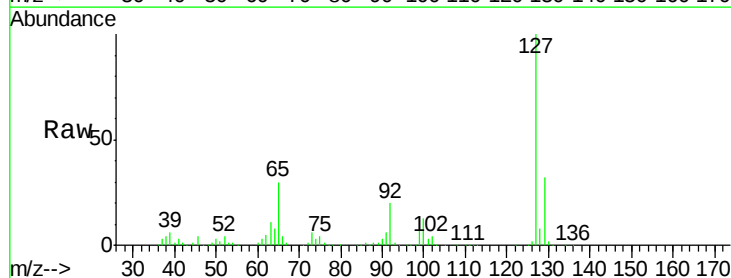
Ion Ratio Lower Upper

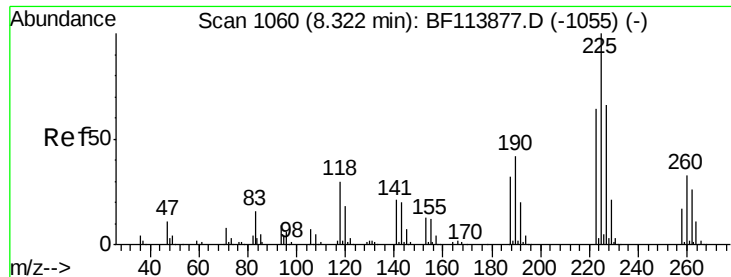
127 100

129 32.3 26.4 39.6

65 30.0 24.9 37.3

92 20.0 15.9 23.9

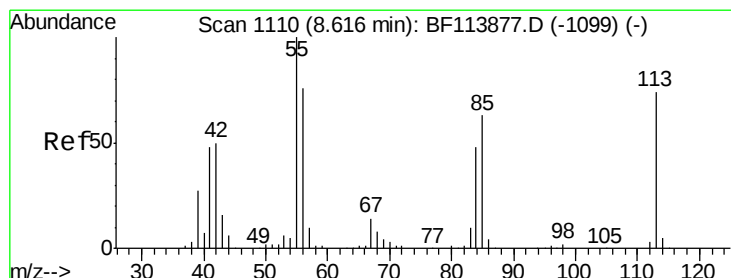
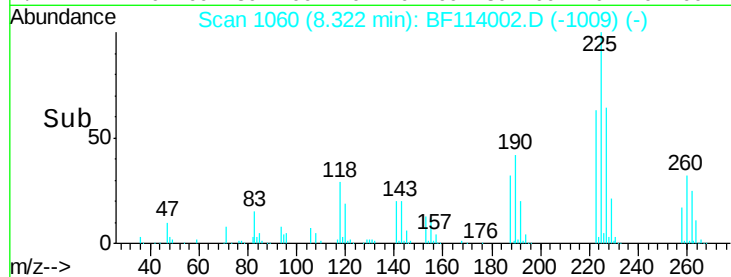
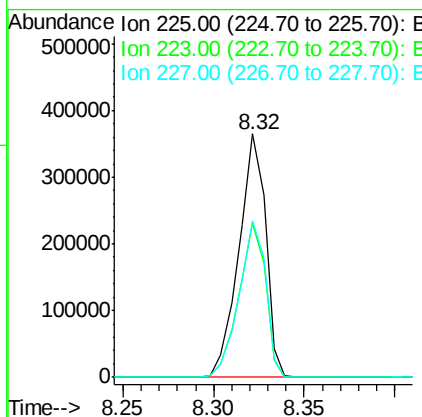
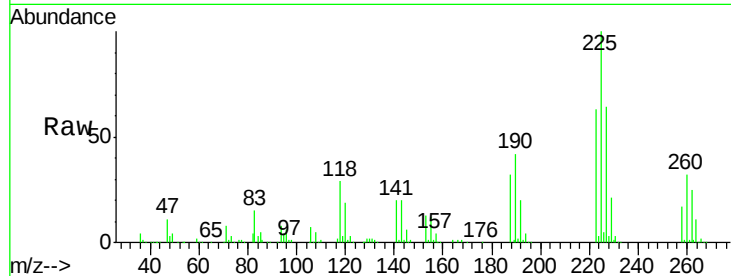




#34
Hexachlorobutadiene
Concen: 40.650 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

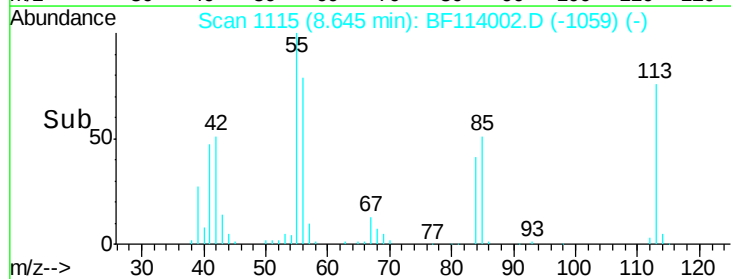
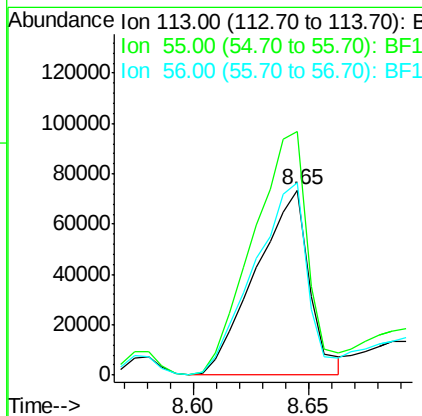
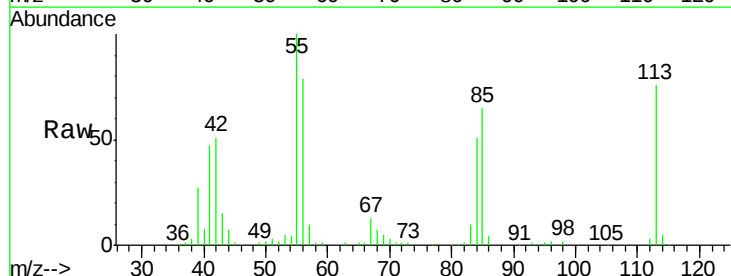
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

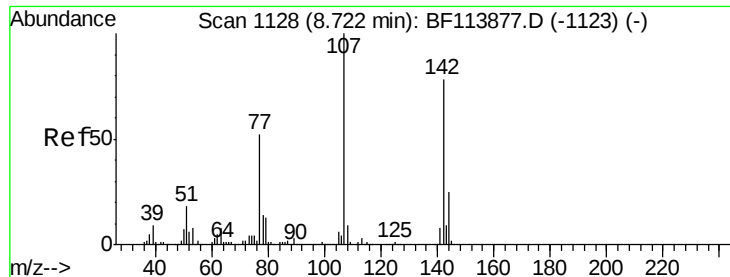
Tot Ion:	225	Resp:	373861
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.1	76.7
227	64.1	49.9	74.9



#35
Caprolactam
Concen: 28.067 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.03 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:	113	Resp:	118138
Ion	Ratio	Lower	Upper
113	100		
55	131.6	128.6	168.6
56	103.9	91.9	131.9

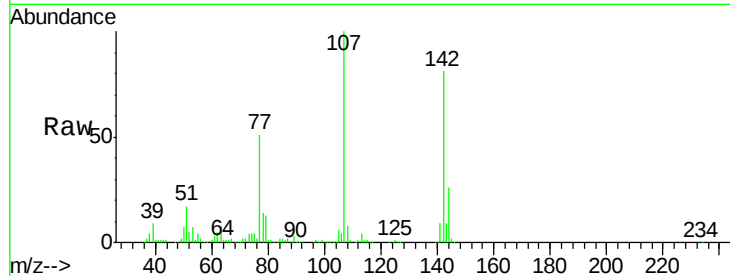




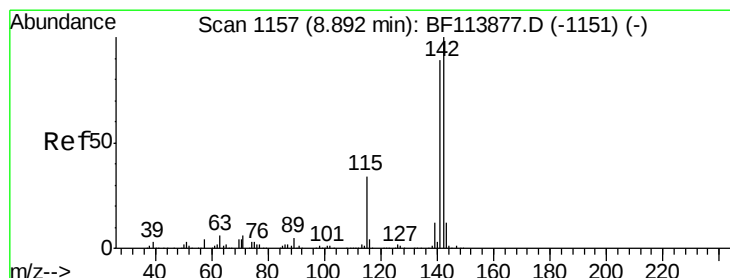
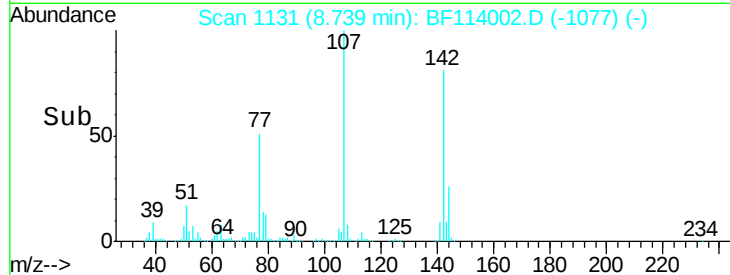
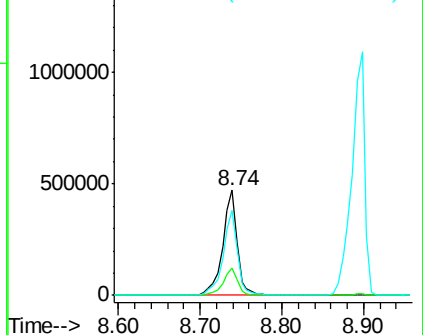
#36
 4-Chloro-3-methylphenol
 Concen: 44.362 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion:107 Resp: 581541
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.9 64.2 96.4

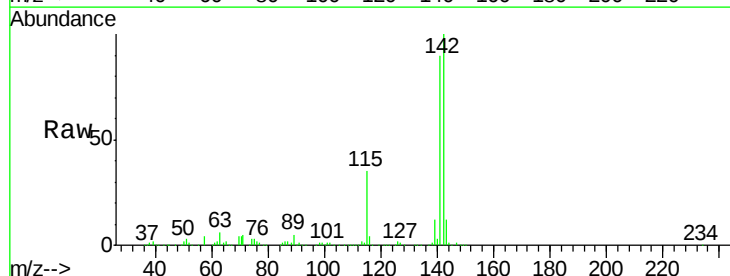


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

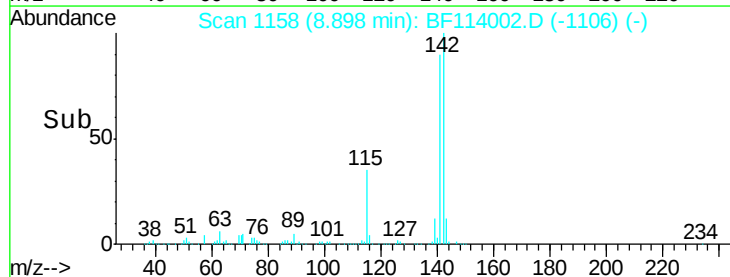
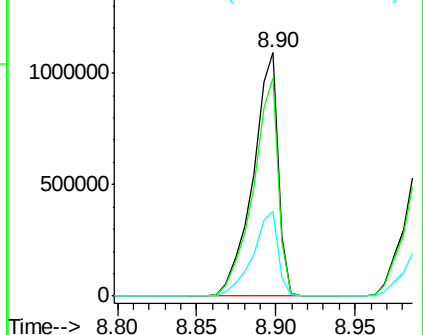


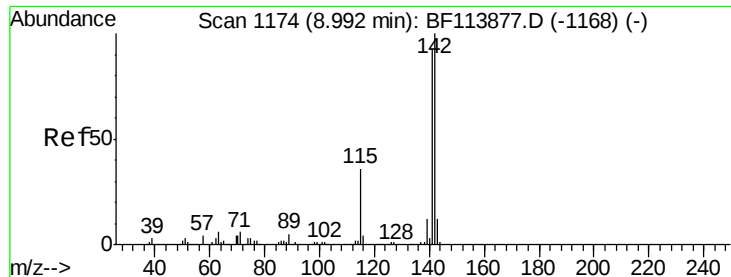
#37
 2-Methylnaphthalene
 Concen: 43.498 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:142 Resp: 1212126
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.4 105.6
 115 35.0 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

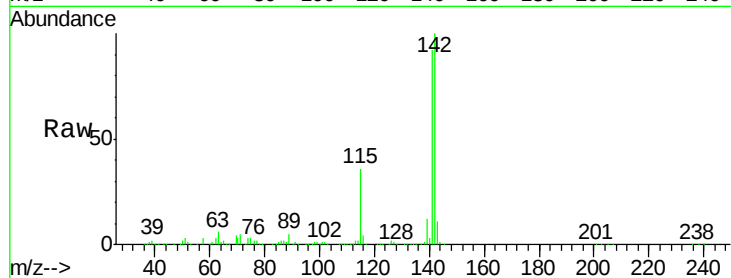




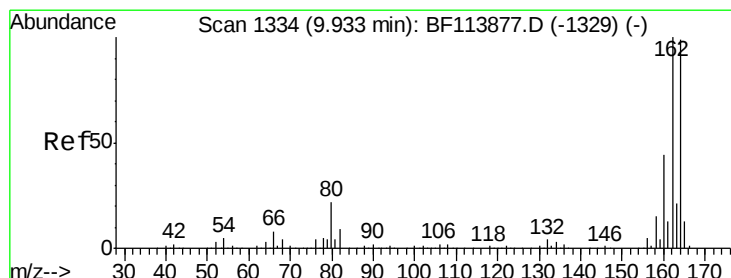
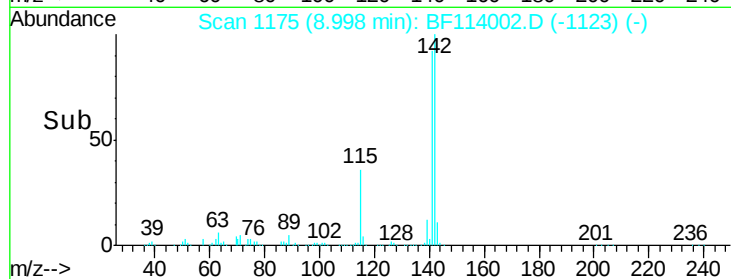
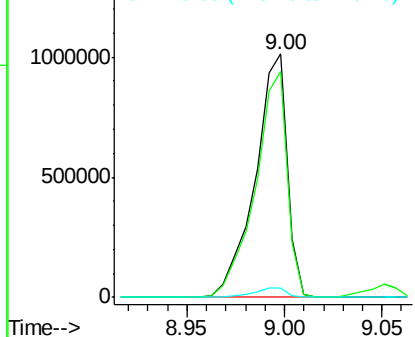
#38
 1-Methylnaphthalene
 Concen: 42.710 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion:142 Resp: 1148731
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.3 108.5
 116 3.7 3.0 4.4

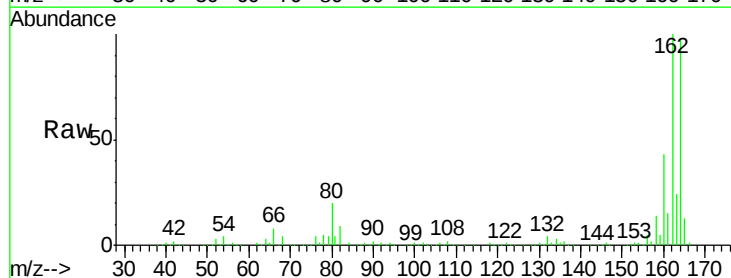


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

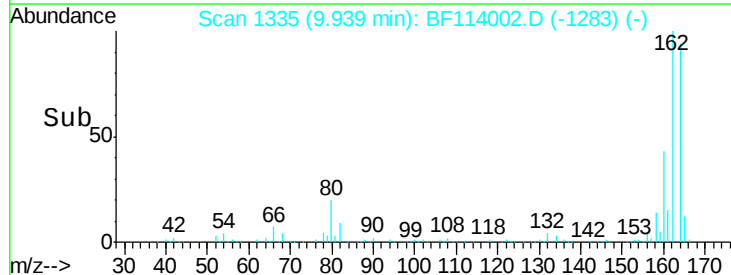
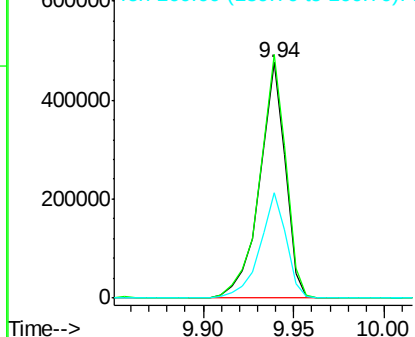


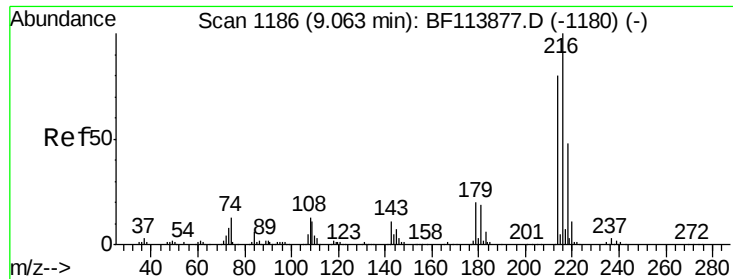
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:164 Resp: 470761
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.1 121.7
 160 44.6 35.8 53.6



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

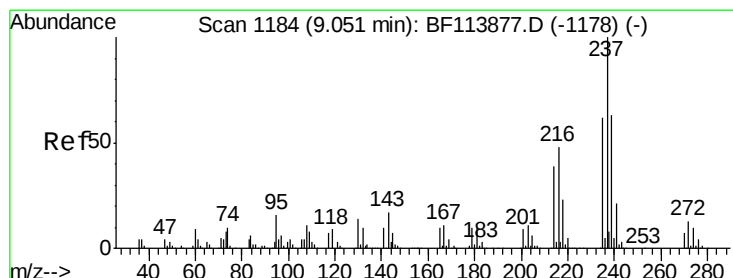
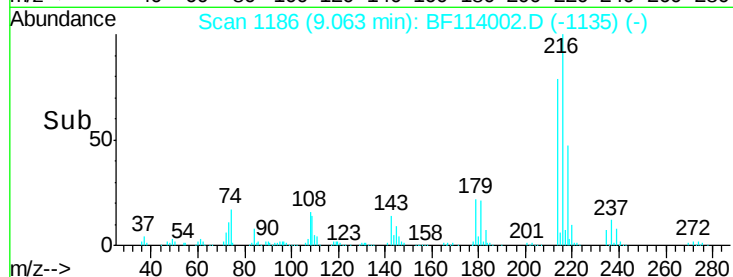
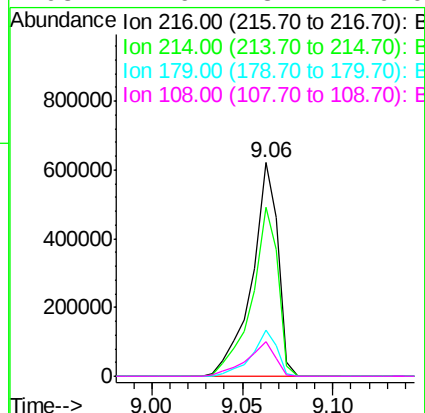
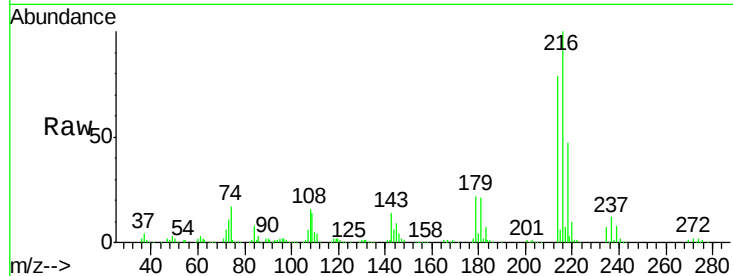




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.543 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

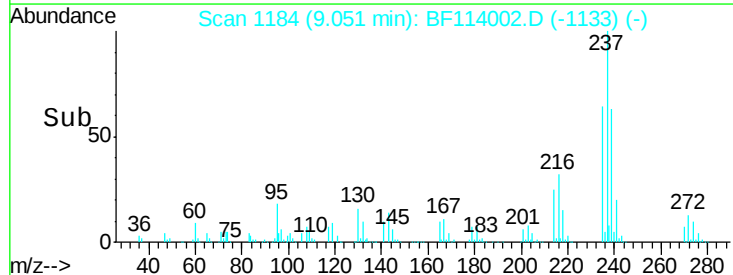
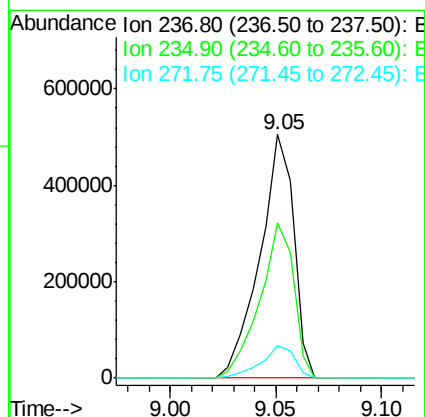
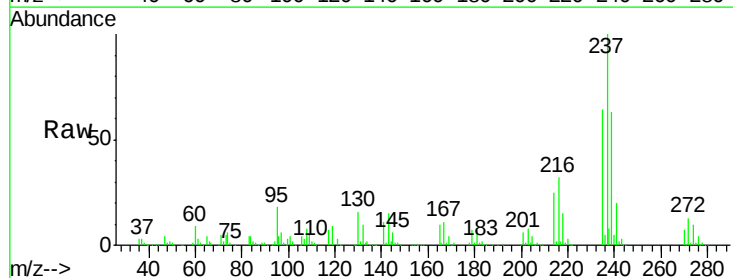
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

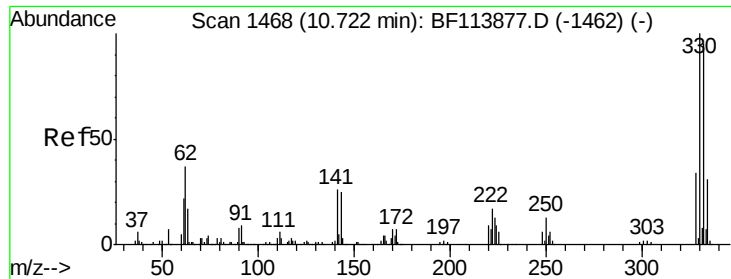
Tot Ion:216	Resp:	619970
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.5 95.3
179	20.9	16.1 24.1
108	17.6	13.4 20.0



#41
 Hexachlorocyclopentadiene
 Concen: 66.463 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:237	Resp:	566751
Ion Ratio	Lower	Upper
237	100	
235	63.7	42.6 82.6
272	13.3	0.0 33.8

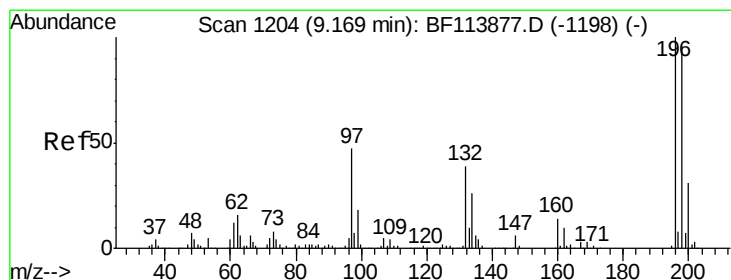
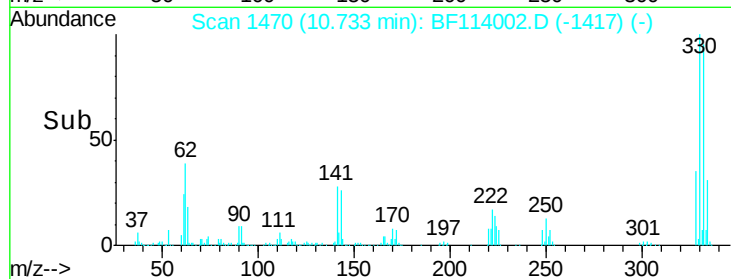
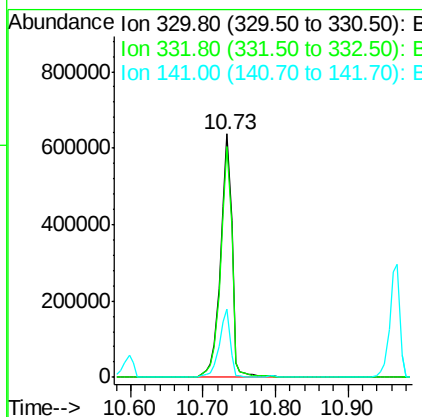
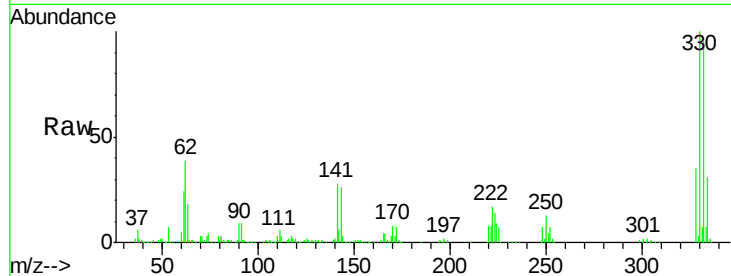




#42
 2,4,6-Tribromophenol
 Concen: 122.250 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

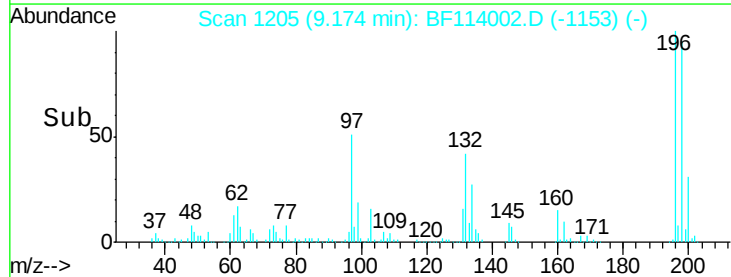
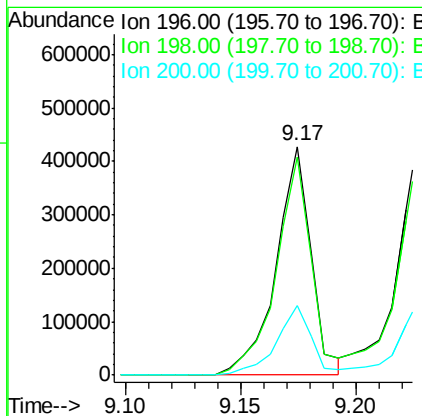
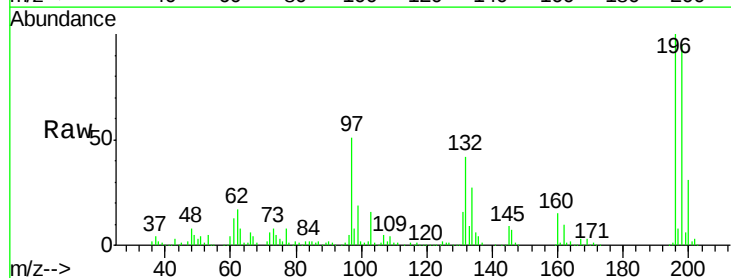
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

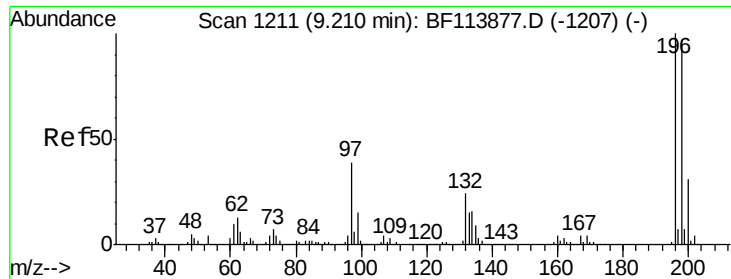
Tot Ion:330 Resp: 701082
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.5 116.3
 141 26.8 22.2 33.2



#43
 2,4,6-Trichlorophenol
 Concen: 46.218 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:196 Resp: 448788
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.6 113.4
 200 30.7 24.7 37.1

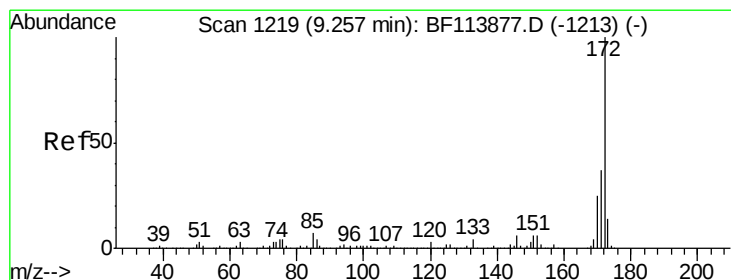
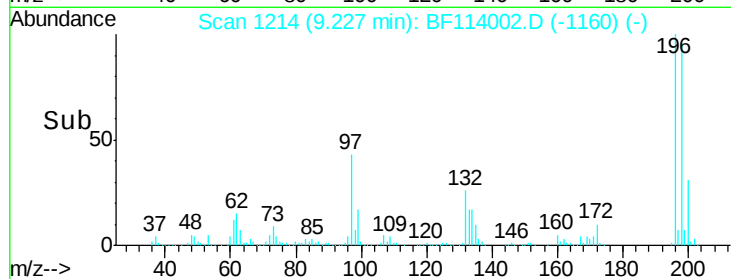
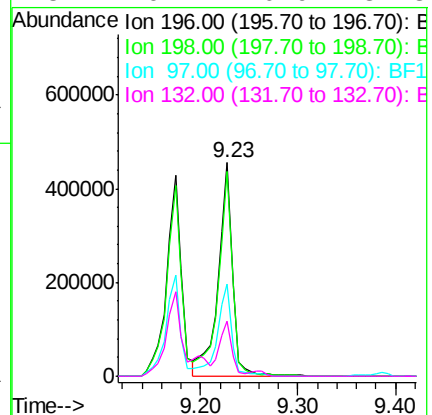
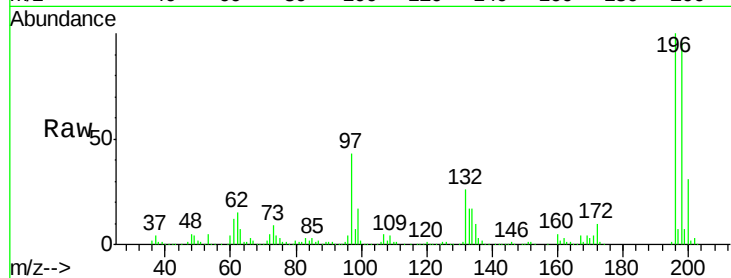




#44
 2,4,5-Trichlorophenol
 Concen: 42.758 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

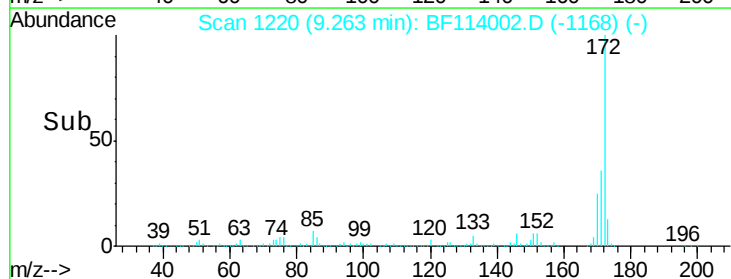
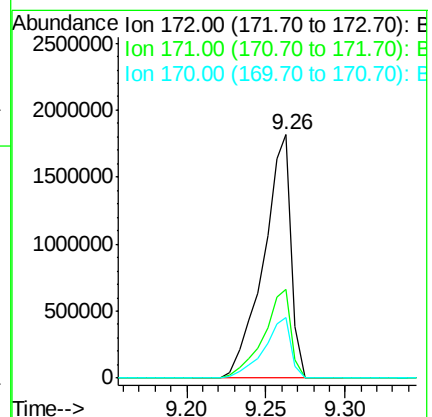
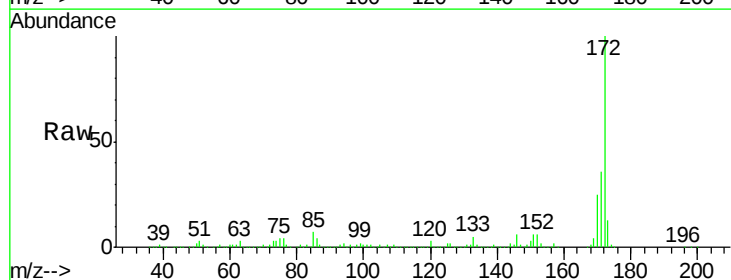
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

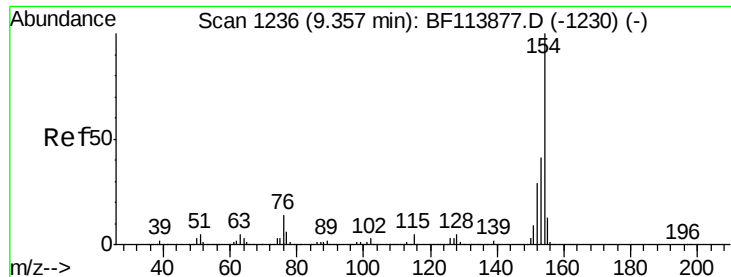
Tot Ion:196 Resp: 465693
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 43.1 35.8 53.8
 132 26.1 20.9 31.3



#45
 2-Fluorobiphenyl
 Concen: 73.228 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:172 Resp: 2204120
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 25.1 19.9 29.9

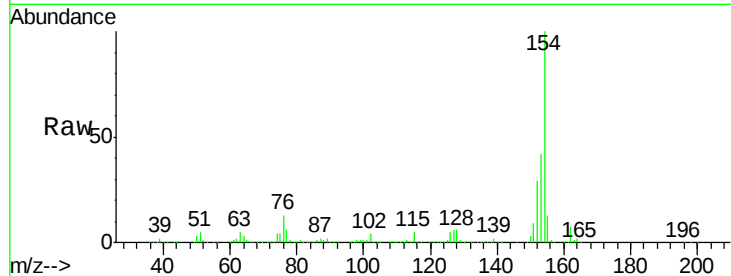




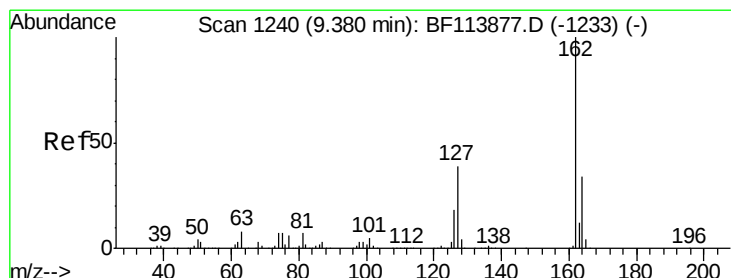
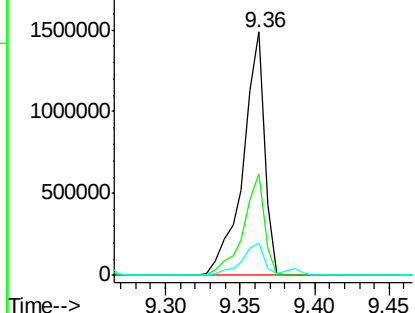
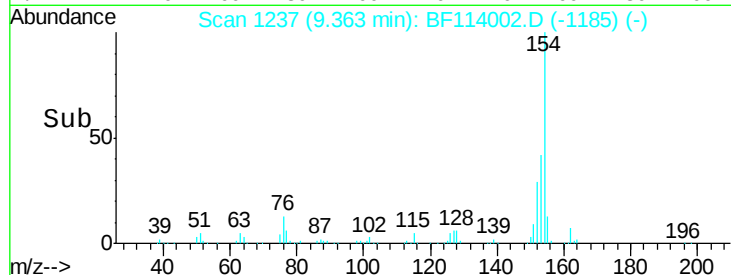
#46
 1,1'-Biphenyl
 Concen: 41.345 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion:154 Resp: 1486894
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.8 60.8
 76 13.1 0.0 35.2

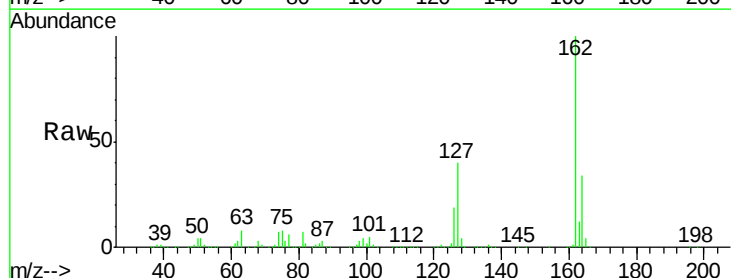


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

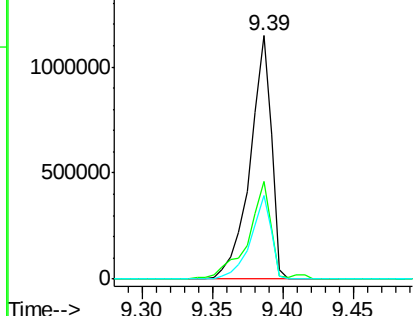
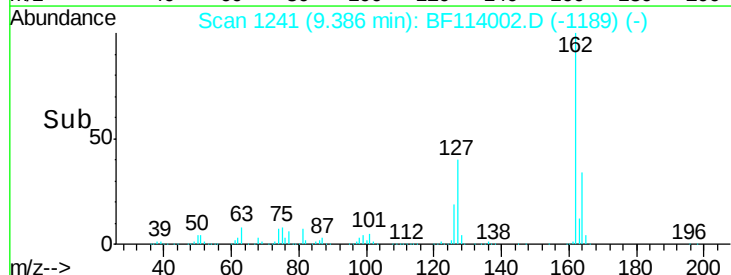


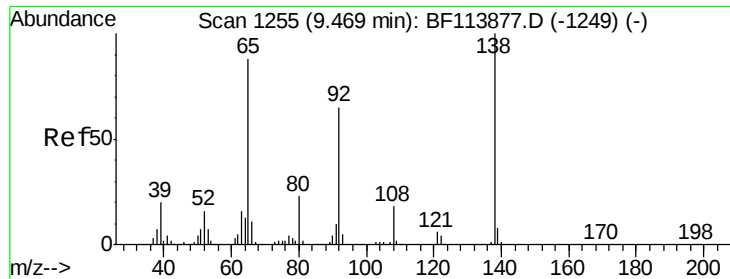
#47
 2-Chloronaphthalene
 Concen: 41.620 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:162 Resp: 1217209
 Ion Ratio Lower Upper
 162 100
 127 39.9 29.3 43.9
 164 34.5 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

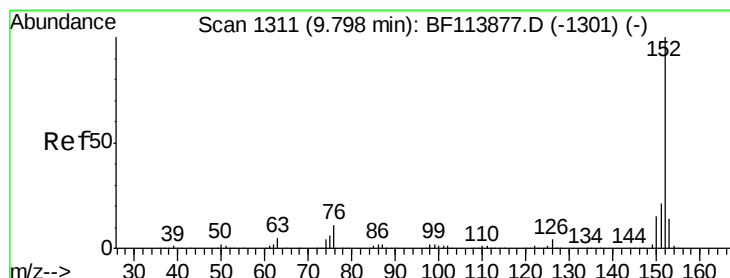
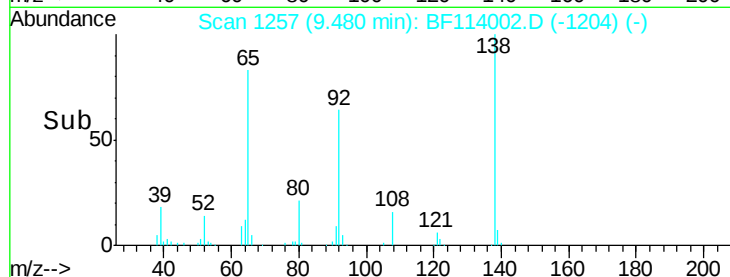
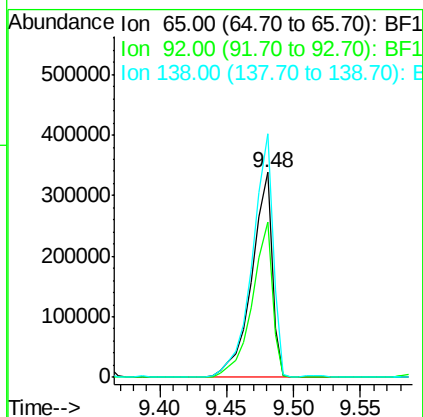
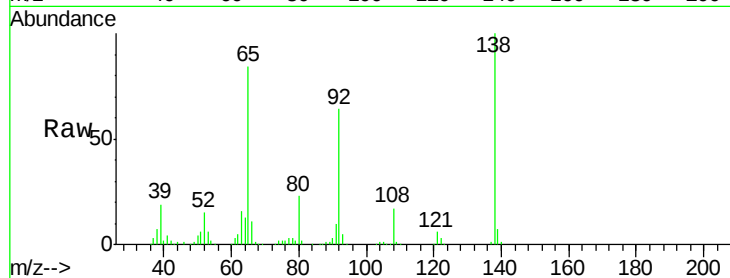




#48
2-Nitroaniline
Concen: 46.311 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

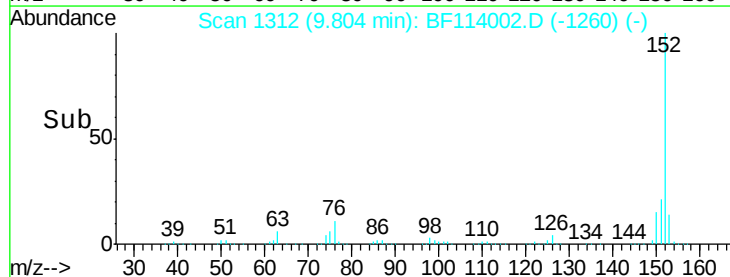
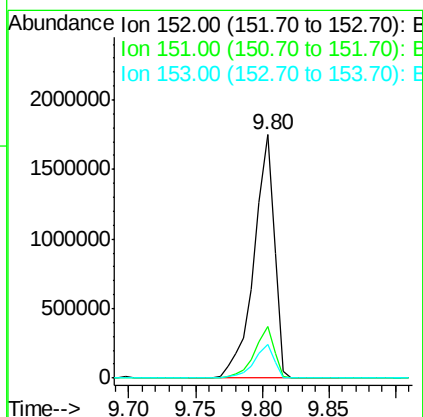
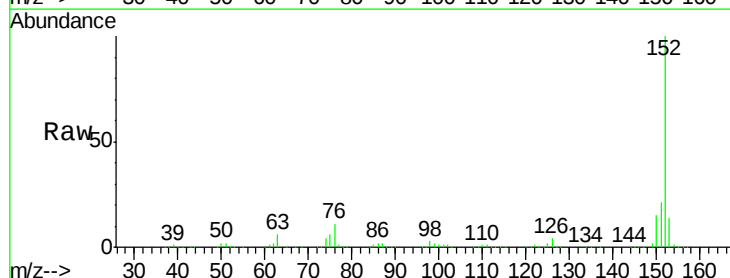
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

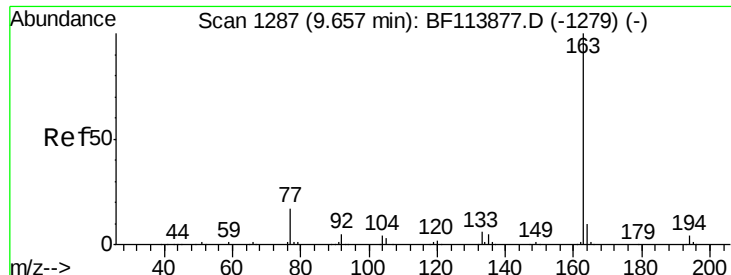
Tot Ion: 65 Resp: 355051
Ion Ratio Lower Upper
65 100
92 75.8 57.4 86.0
138 118.7 85.4 128.0



#49
Acenaphthylene
Concen: 39.848 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion: 152 Resp: 1824410
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.4
153 13.9 11.0 16.6

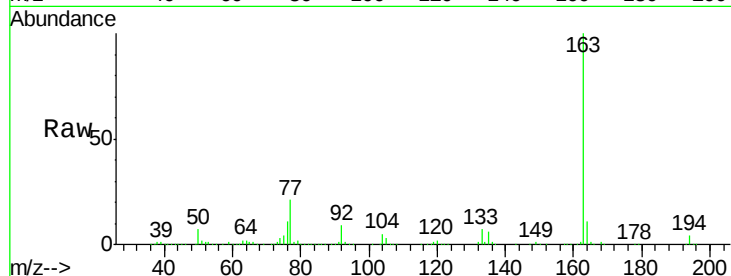




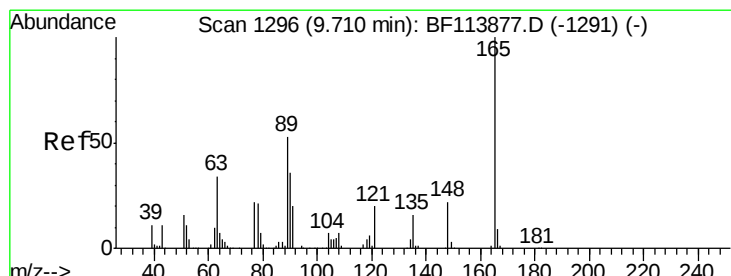
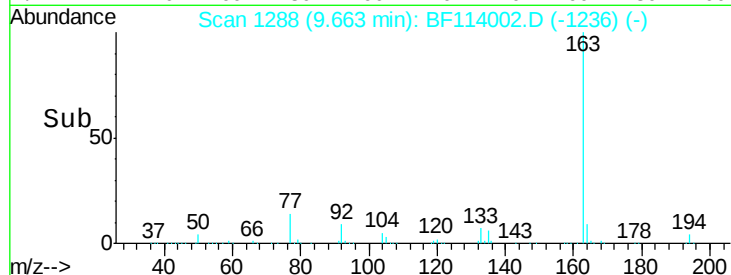
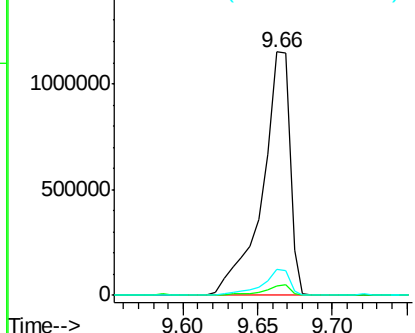
#50
Dimethylphthalate
Concen: 43.389 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Instrument :
BNA_F
ClientSampleId :
PB119139BSD

Tot Ion:163 Resp: 1477219
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.5 12.7

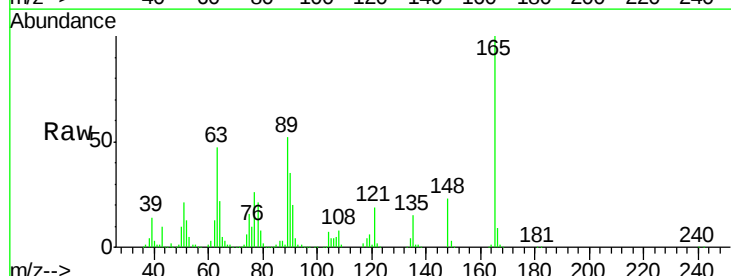


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

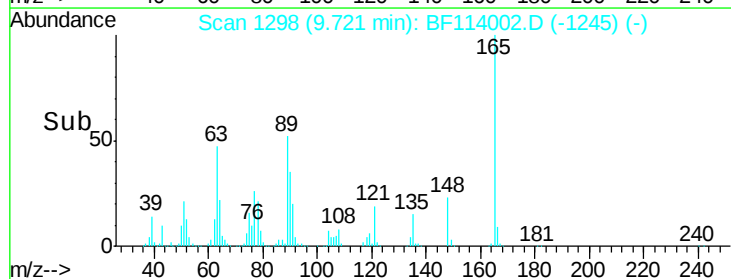
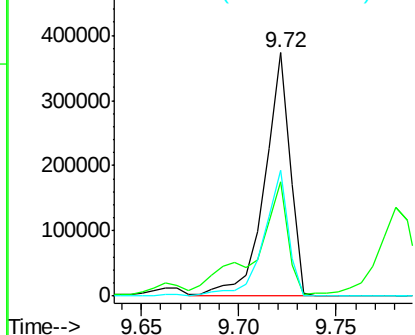


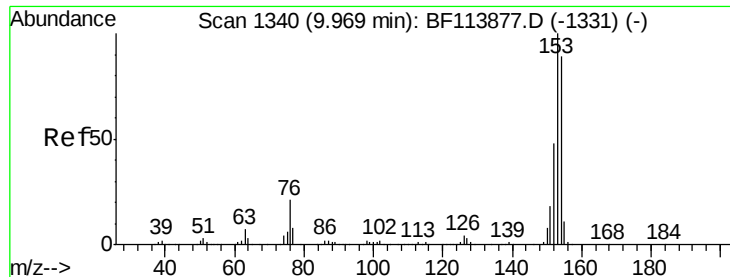
#51
2,6-Dinitrotoluene
Concen: 46.084 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:165 Resp: 336603
Ion Ratio Lower Upper
165 100
63 47.0 33.8 50.8
89 51.5 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: 41.771 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

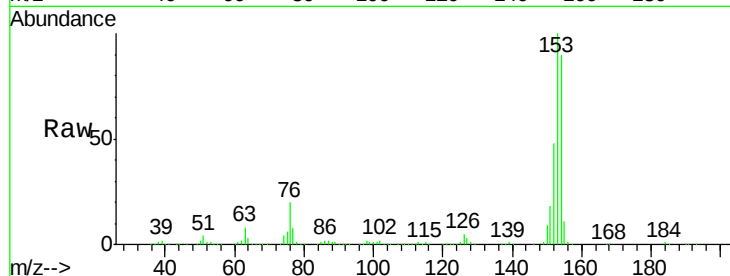
Tot Ion:154 Resp: 1130218

Ion Ratio Lower Upper

154 100

153 111.6 87.2 130.8

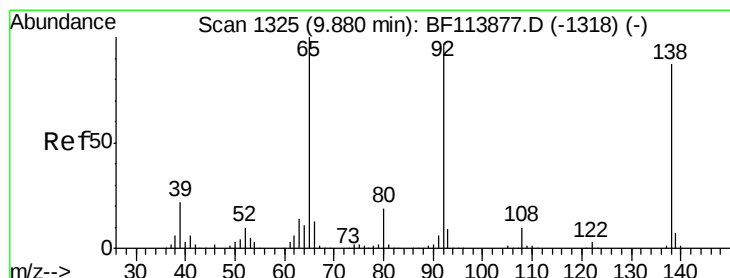
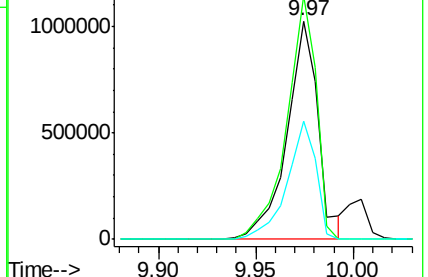
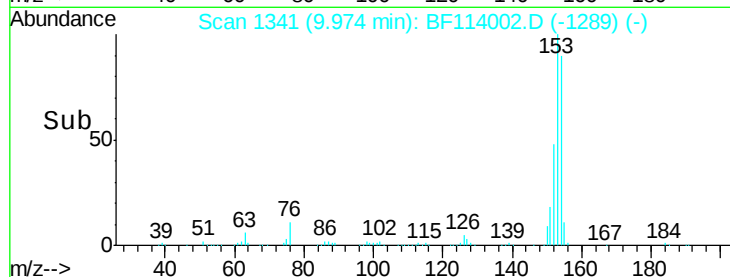
152 53.9 42.3 63.5



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: 32.822 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

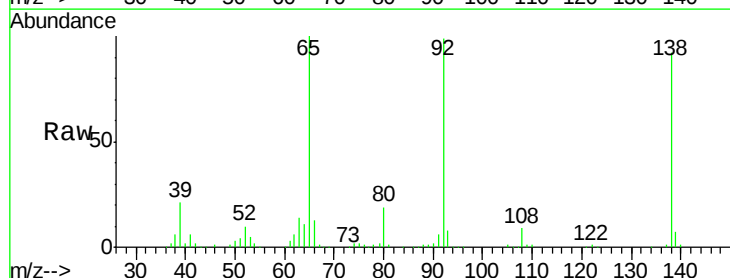
Tgt Ion:138 Resp: 251922

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.2

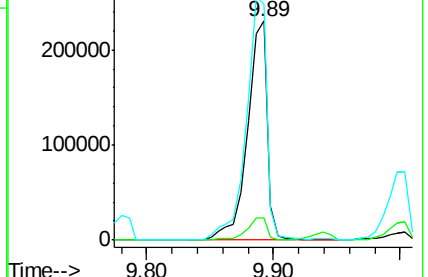
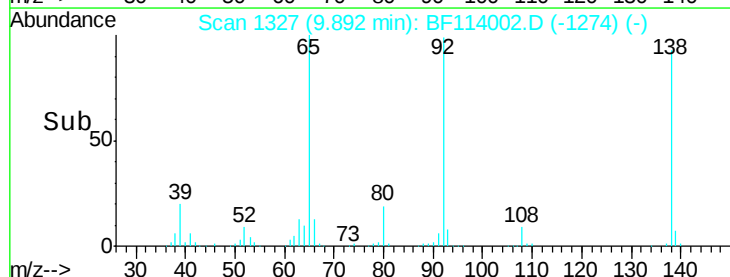
92 107.5 94.1 141.1

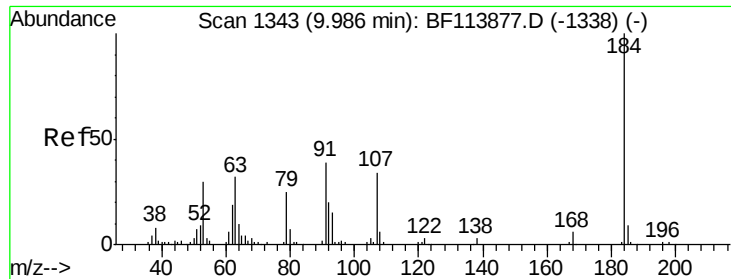


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

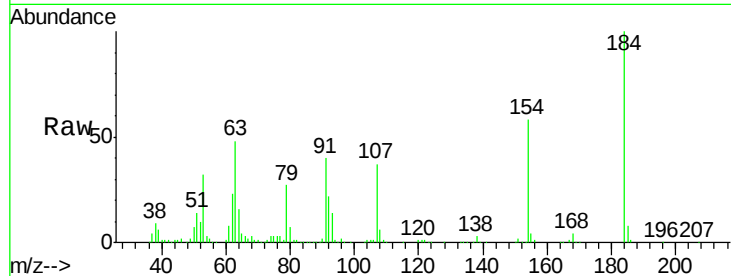




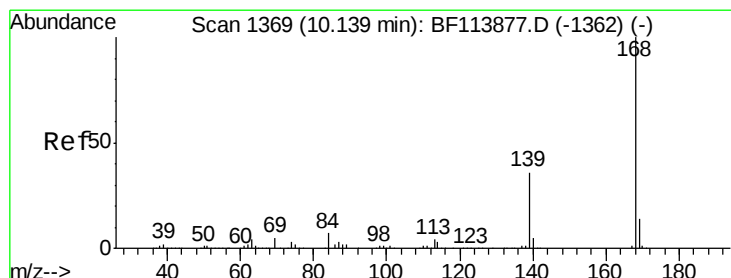
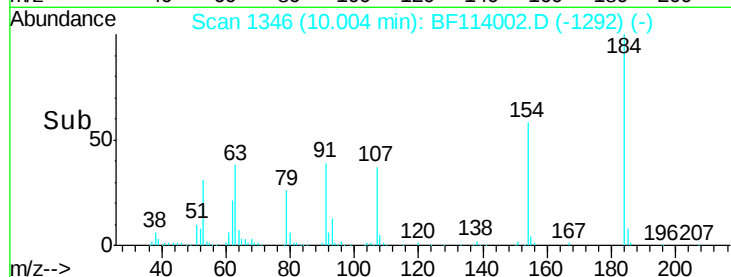
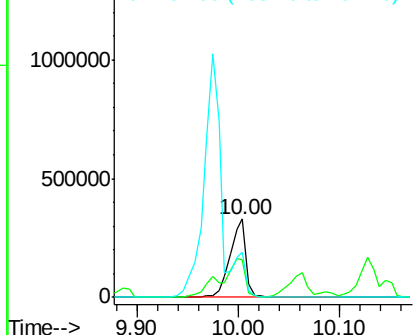
#54
 2,4-Dinitrophenol
 Concen: 111.065 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.02 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion:184 Resp: 362379
 Ion Ratio Lower Upper
 184 100
 63 47.7 54.6 81.8#
 154 57.6 218.6 328.0#

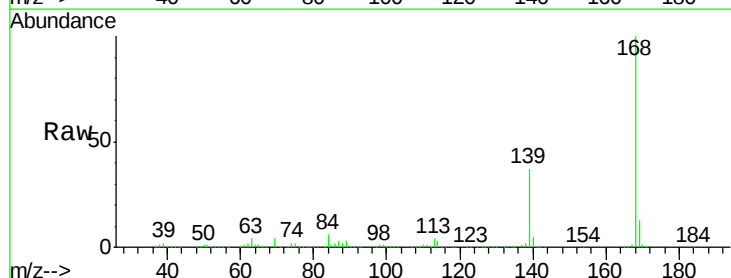


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

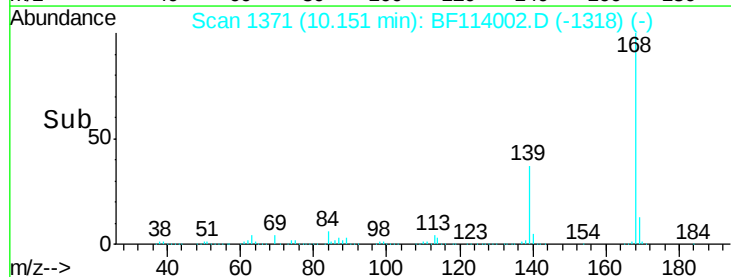
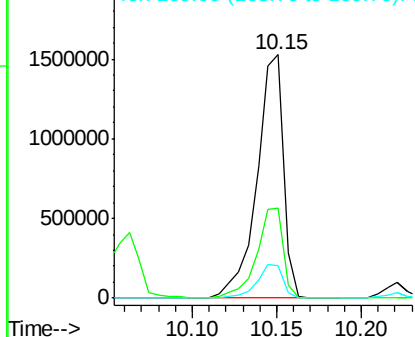


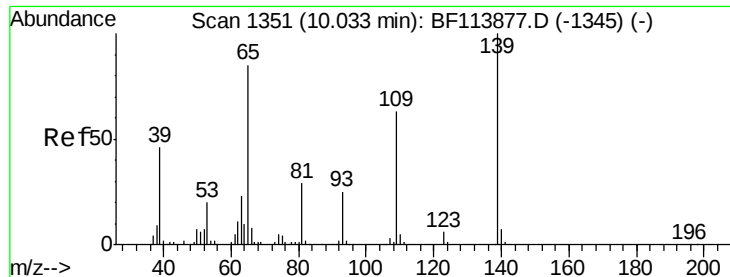
#55
 Dibenzofuran
 Concen: 41.075 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:168 Resp: 1664806
 Ion Ratio Lower Upper
 168 100
 139 36.9 27.8 41.6
 169 13.4 11.0 16.6



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

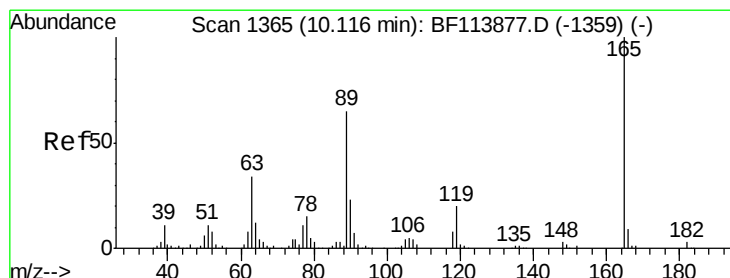
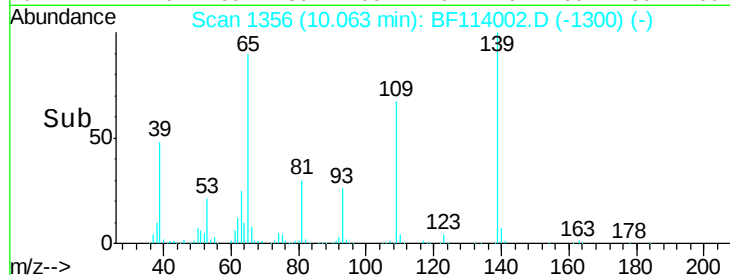
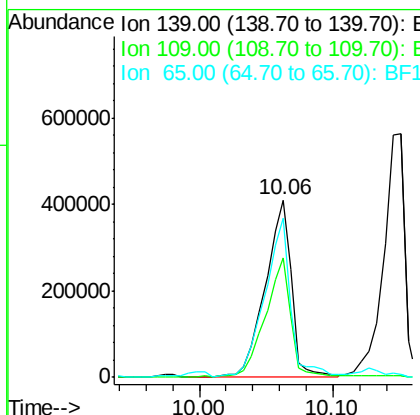
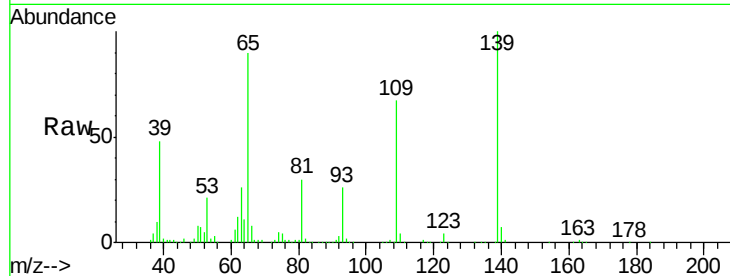




#56
4-Nitrophenol
Concen: 91.089 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.03 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

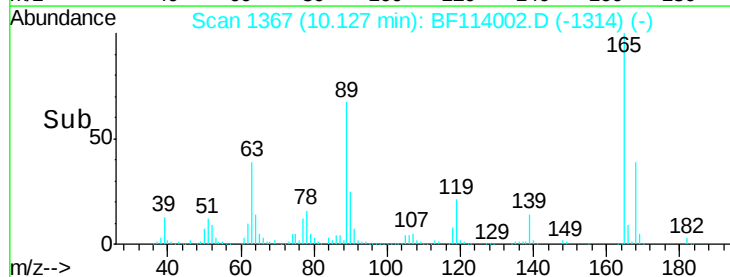
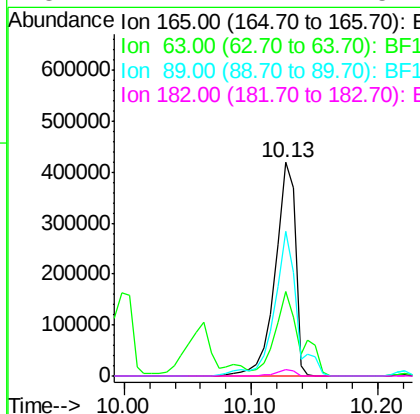
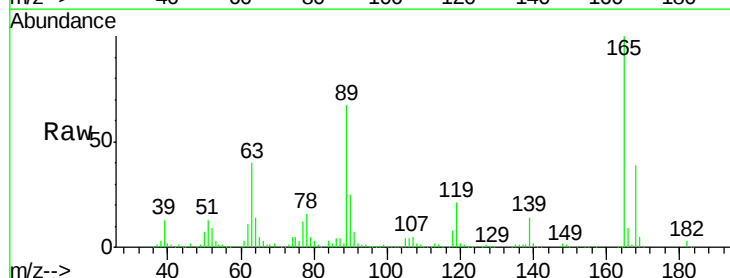
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

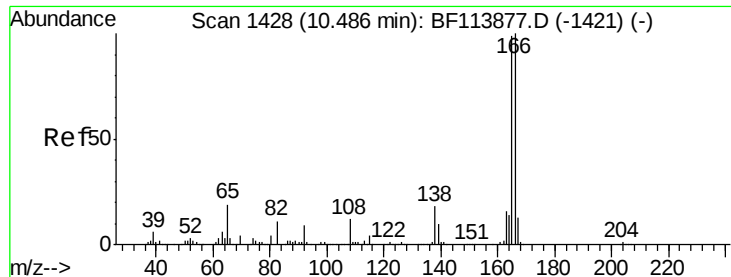
Tot Ion:139 Resp: 553566
Ion Ratio Lower Upper
139 100
109 67.4 42.9 82.9
65 90.0 64.4 104.4



#57
2,4-Dinitrotoluene
Concen: 49.698 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:165 Resp: 458186
Ion Ratio Lower Upper
165 100
63 39.6 27.4 41.0
89 67.5 51.8 77.6
182 2.7 2.2 3.2





#58

Fluorene

Concen: 41.225 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

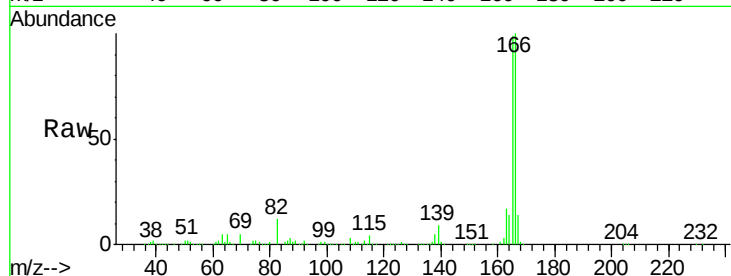
Tot Ion:166 Resp: 1257968

Ion Ratio Lower Upper

166 100

165 98.7 78.4 117.6

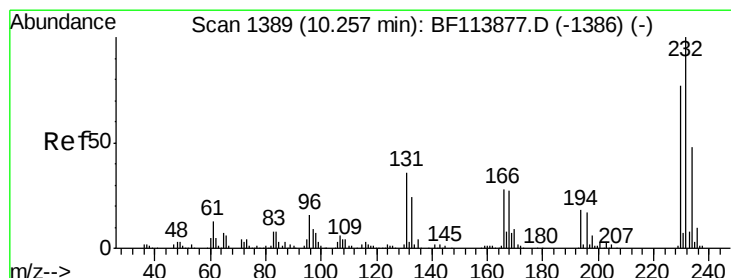
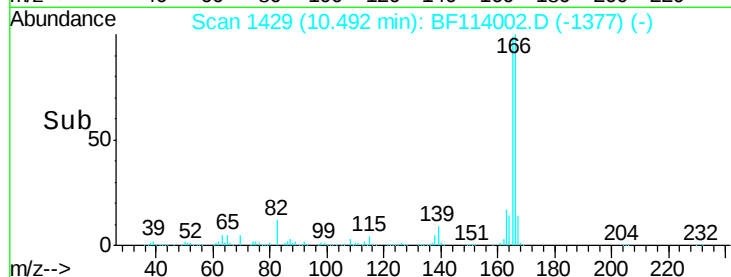
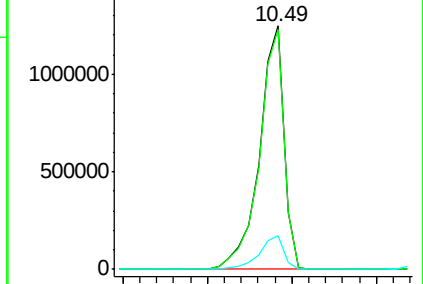
167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 44.508 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Tgt Ion:232 Resp: 425998

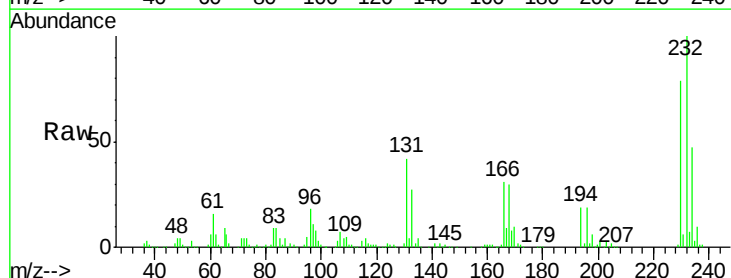
Ion Ratio Lower Upper

232 100

131 39.7 30.2 45.2

130 1.9 1.5 2.3

166 28.1 22.2 33.4

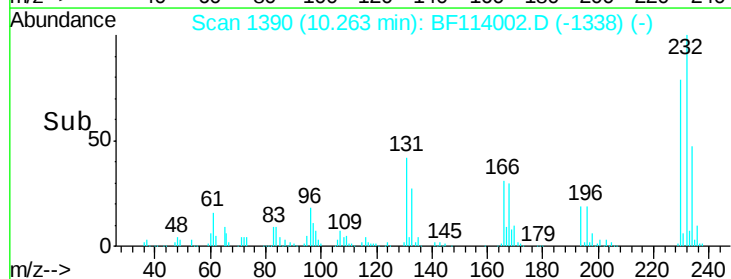
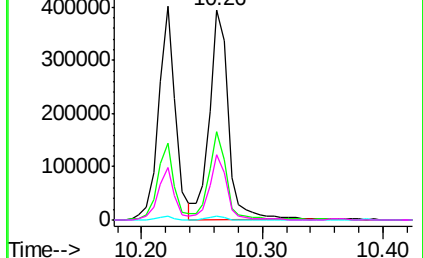


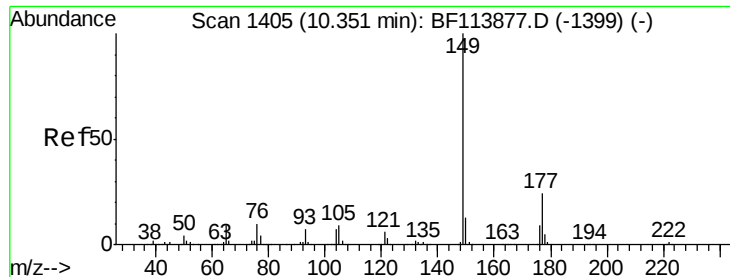
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

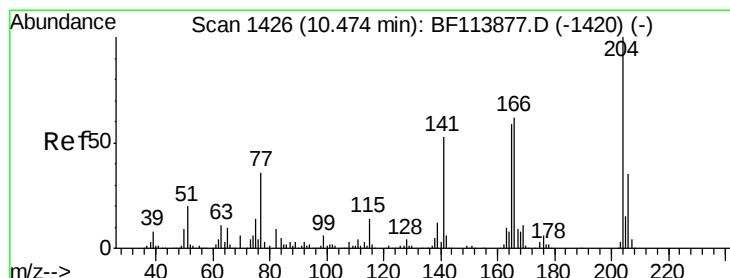
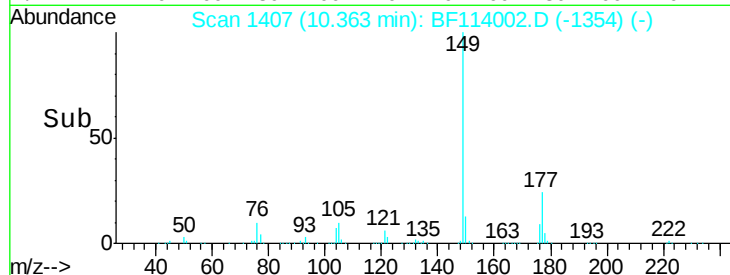
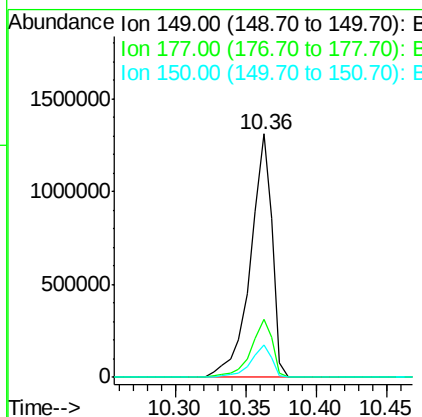
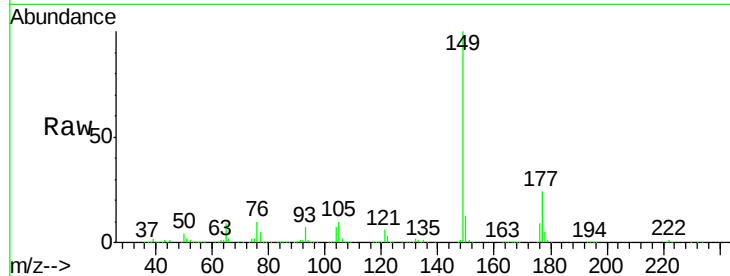




#60
Diethylphthalate
Concen: 43.590 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

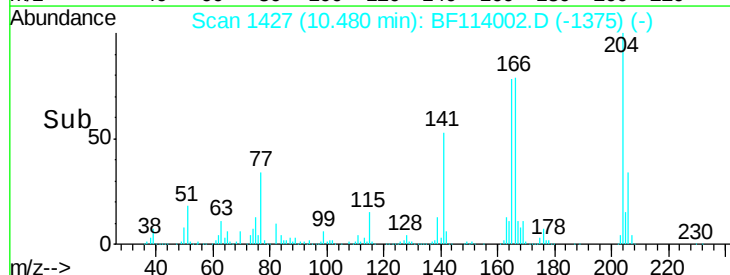
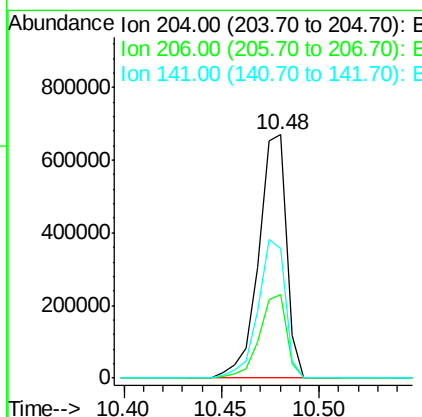
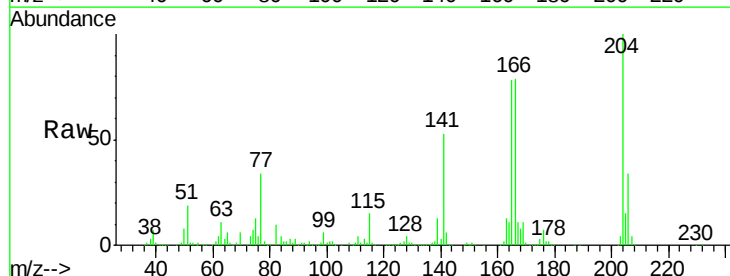
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

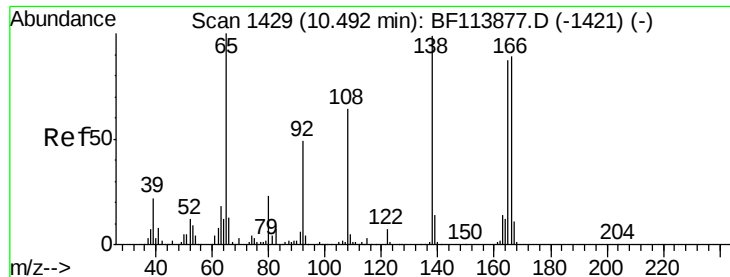
Tot Ion:149 Resp: 1409316
Ion Ratio Lower Upper
149 100
177 23.7 19.2 28.8
150 13.1 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 41.087 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:204 Resp: 663986
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 53.4 42.6 63.8

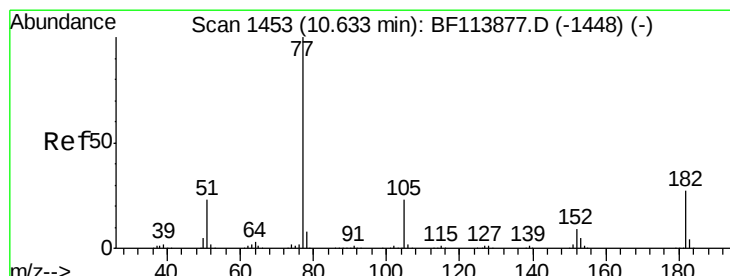
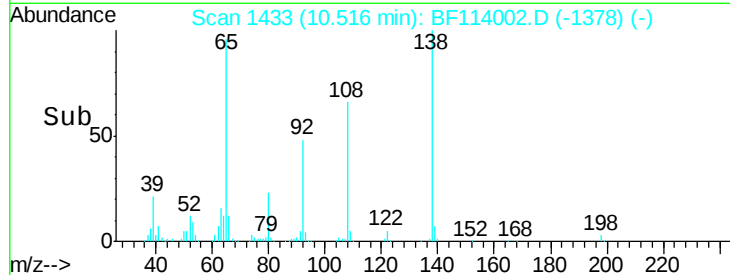
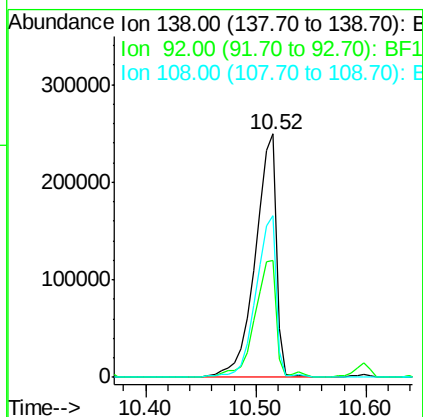
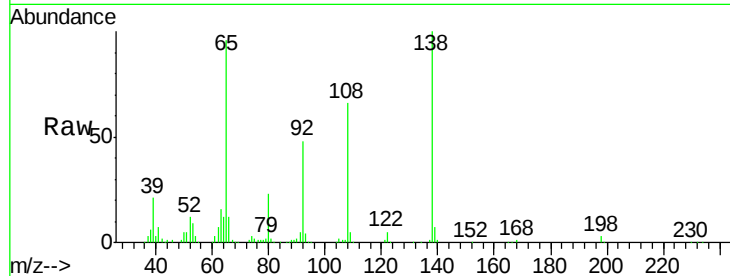




#62
4-Nitroaniline
Concen: 45.019 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

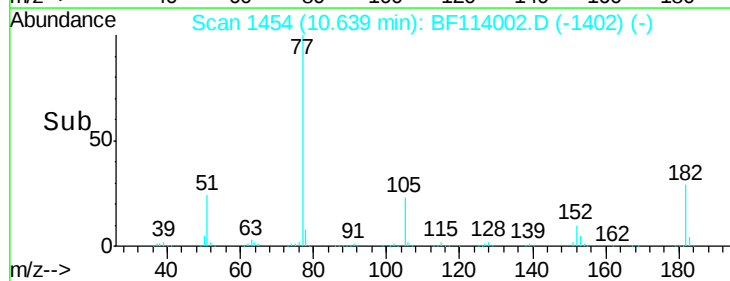
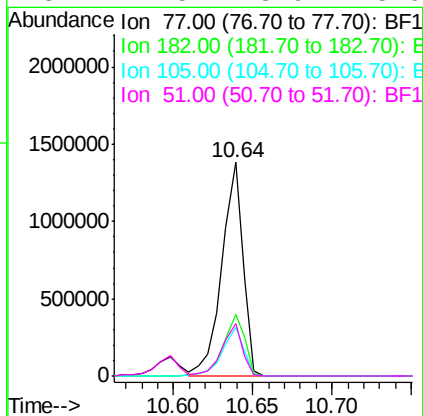
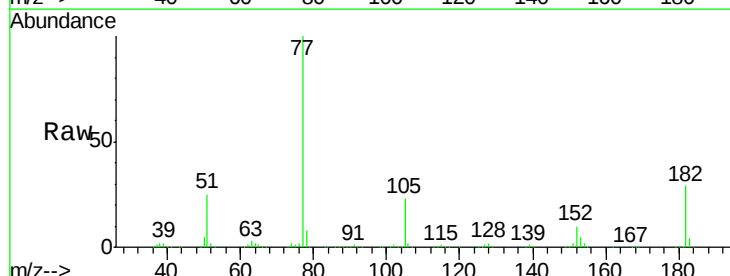
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

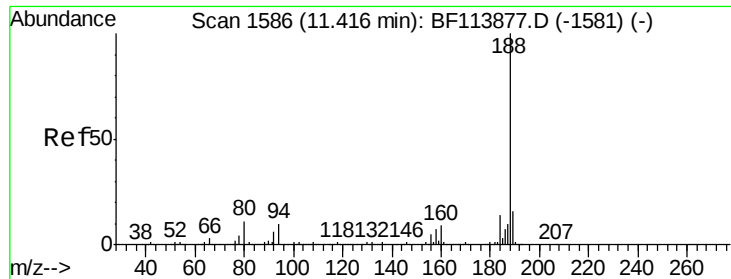
Tot Ion:138 Resp: 337201
Ion Ratio Lower Upper
138 100
92 48.3 31.3 71.3
108 66.3 48.9 88.9



#63
Azobenzene
Concen: 40.636 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion: 77 Resp: 1273337
Ion Ratio Lower Upper
77 100
182 28.6 4.4 44.4
105 22.9 2.2 42.2
51 24.5 3.9 43.9

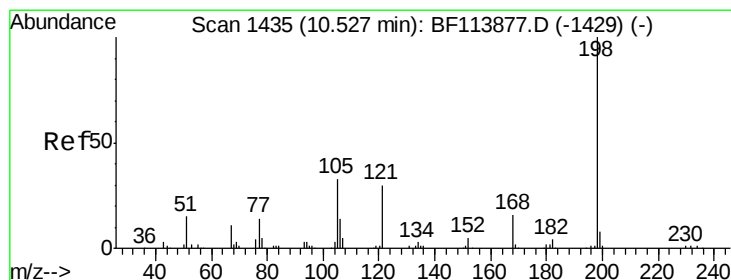
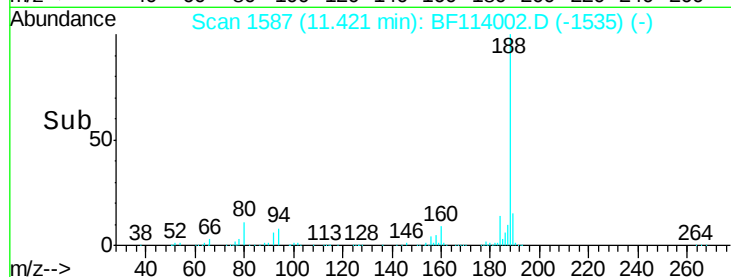
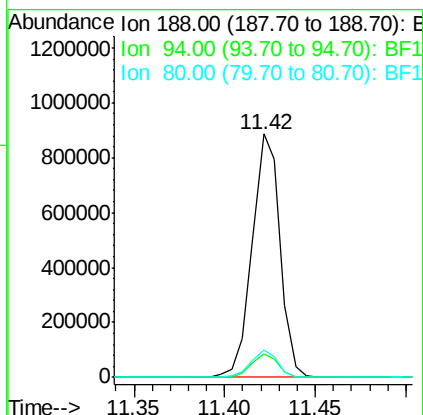
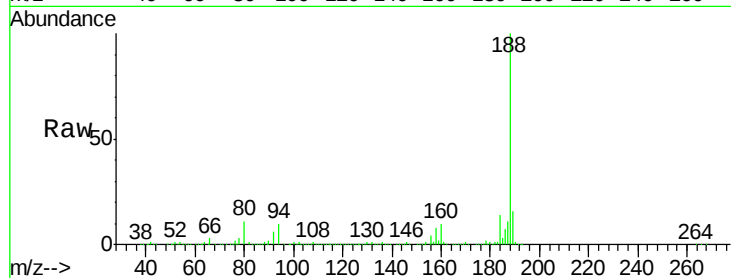




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

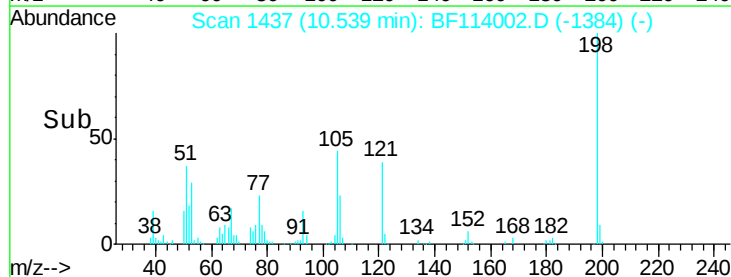
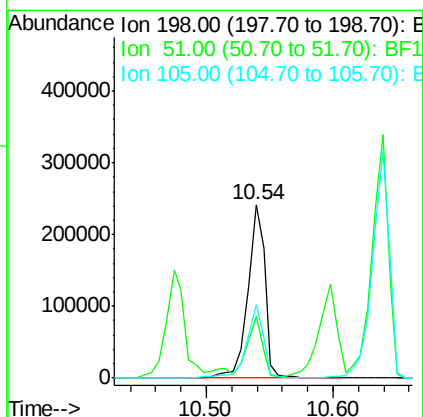
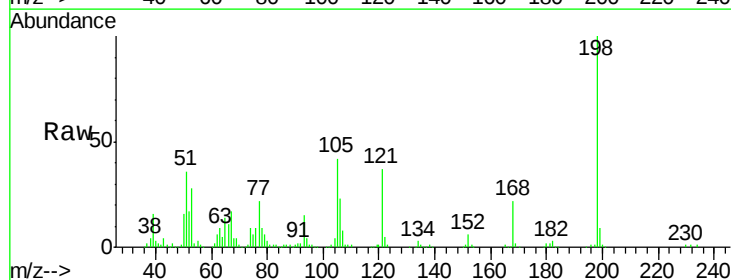
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

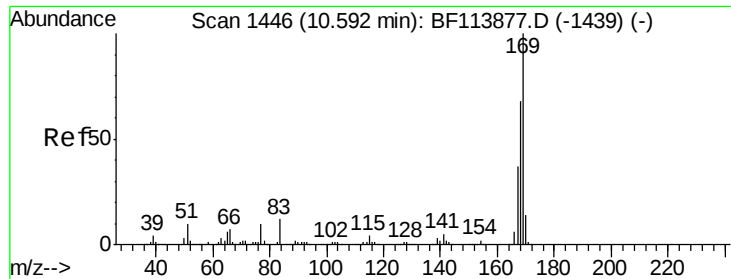
Tot Ion:188 Resp: 943610
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.1 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 52.126 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:198 Resp: 228648
Ion Ratio Lower Upper
198 100
51 35.6 11.1 51.1
105 42.3 20.7 60.7

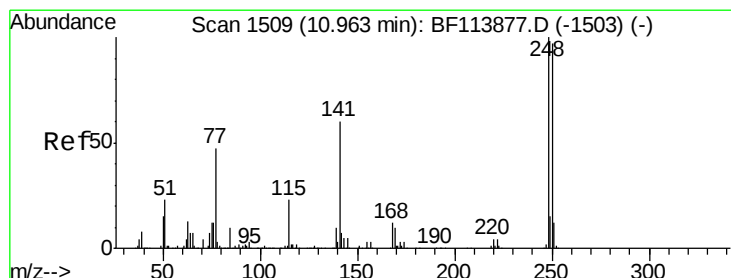
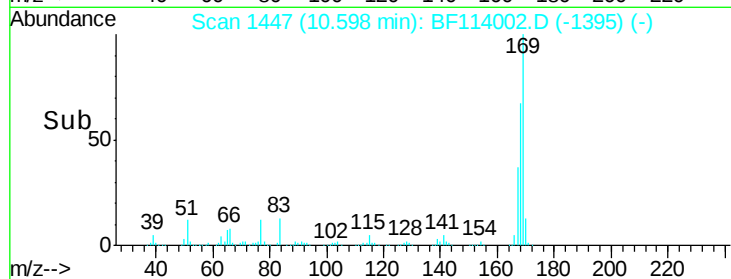
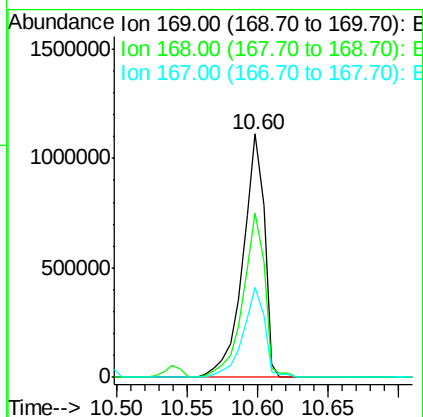
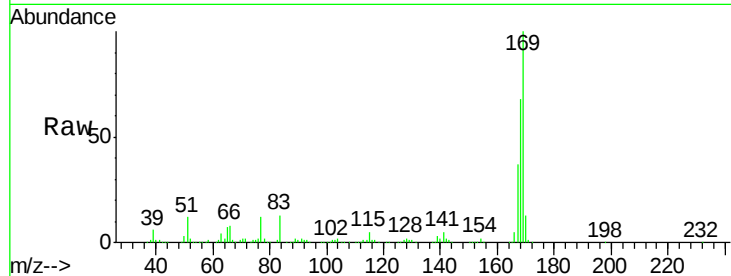




#66
 n-Nitrosodiphenylamine
 Concen: 41.764 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

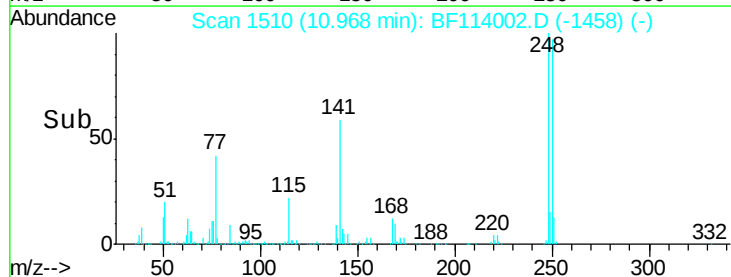
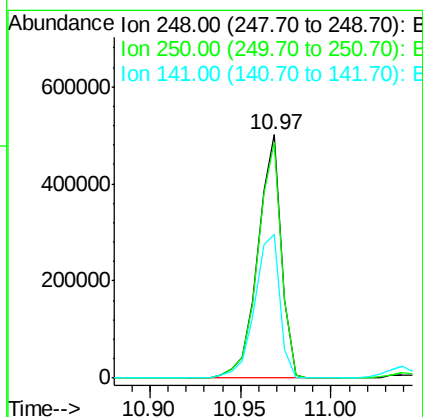
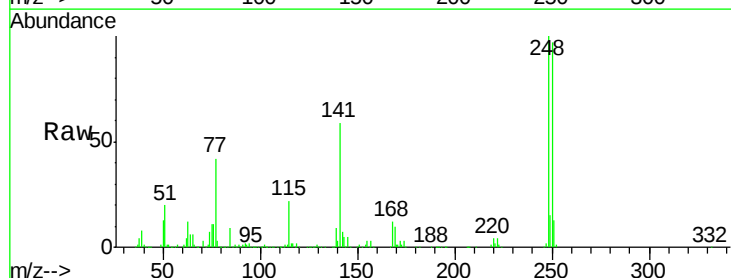
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

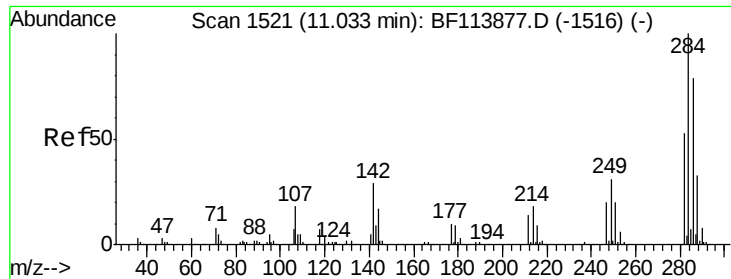
Tot Ion:169 Resp: 1182473
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.3 81.5
 167 37.1 29.4 44.0



#67
 4-Bromophenyl-phenylether
 Concen: 39.661 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:248 Resp: 452104
 Ion Ratio Lower Upper
 248 100
 250 97.2 75.8 113.6
 141 59.3 50.2 75.4

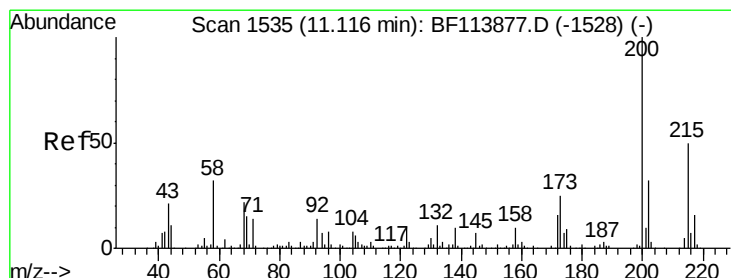
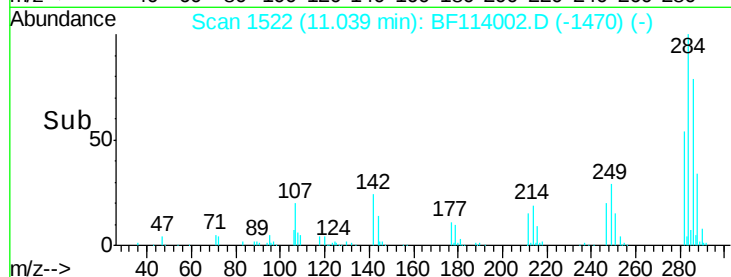
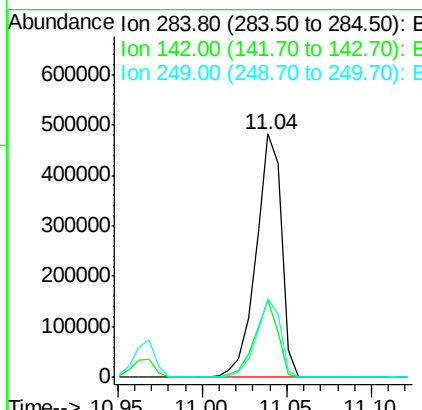
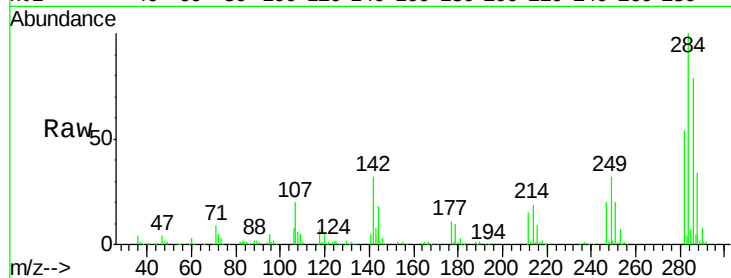




#68
Hexachlorobenzene
Concen: 40.189 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

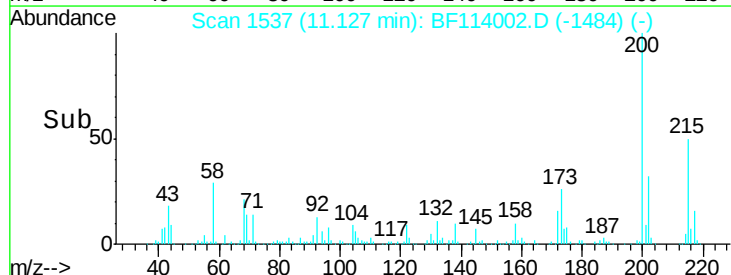
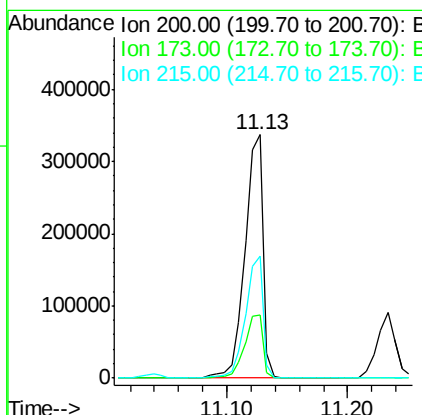
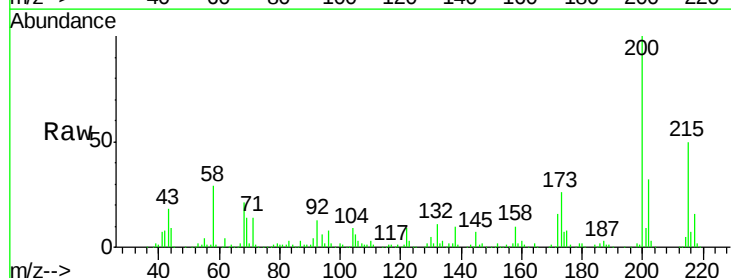
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

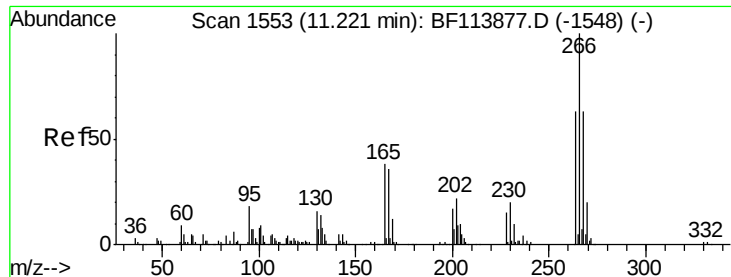
Tot Ion:284 Resp: 503435
Ion Ratio Lower Upper
284 100
142 31.7 23.0 34.4
249 32.1 24.4 36.6



#69
Atrazine
Concen: 38.214 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:200 Resp: 351964
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 50.0 29.3 69.3

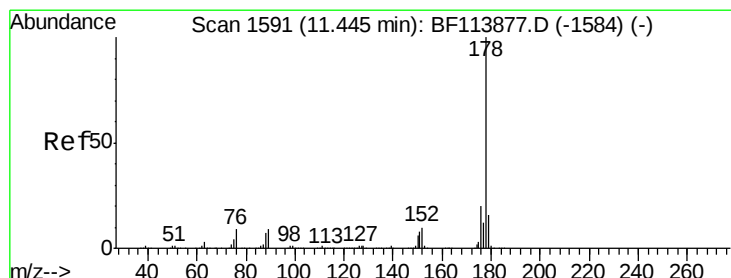
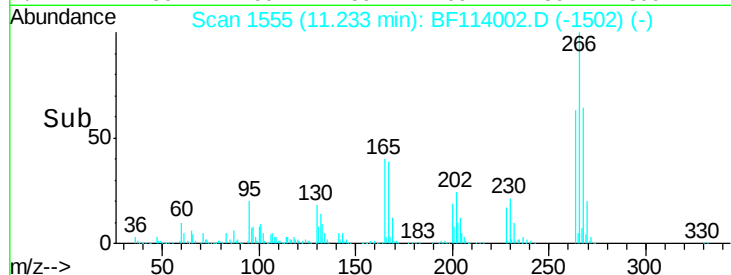
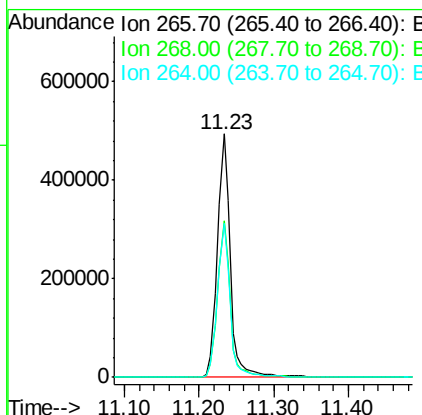
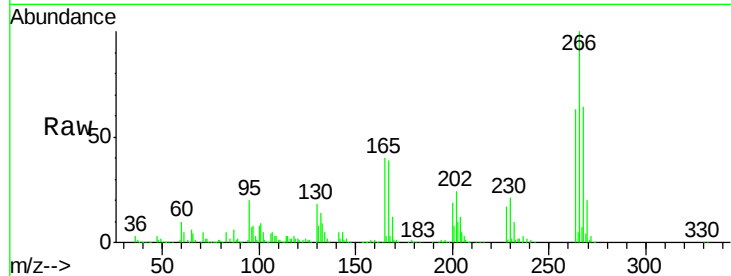




#70
 Pentachlorophenol
 Concen: 84.048 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

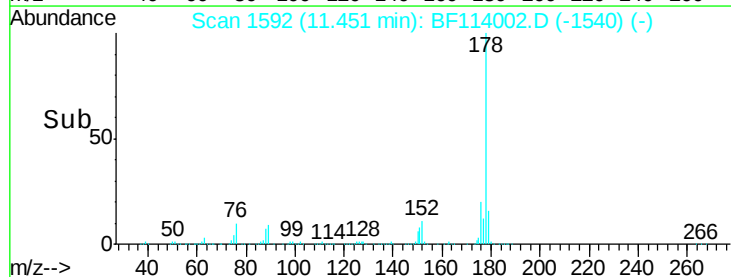
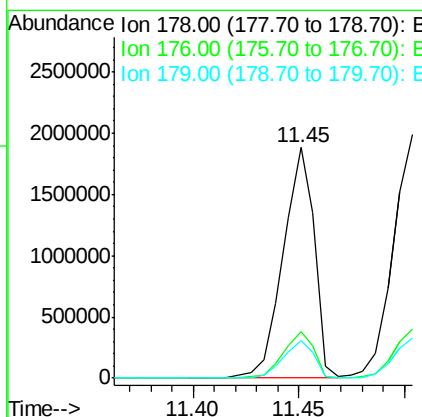
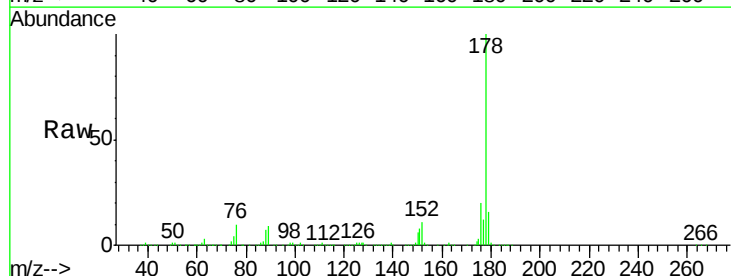
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

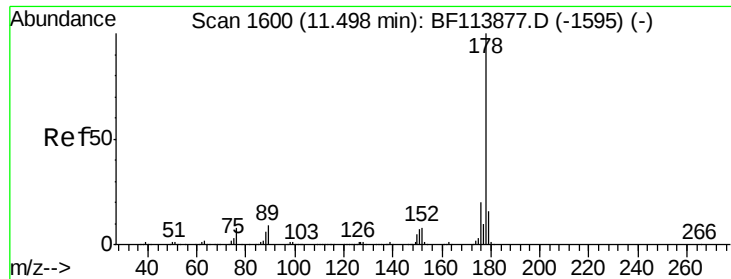
Tot Ion:266 Resp: 596097
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.5 80.3
 264 63.3 51.0 76.6



#71
 Phenanthrene
 Concen: 40.811 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:178 Resp: 1935334
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.1 24.1
 179 16.1 12.8 19.2





#72

Anthracene

Concen: 40.644 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

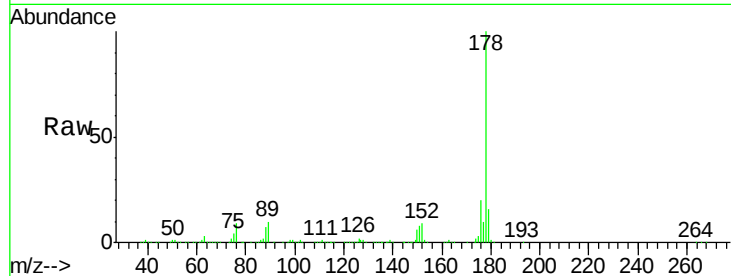
Tot Ion:178 Resp: 1946348

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

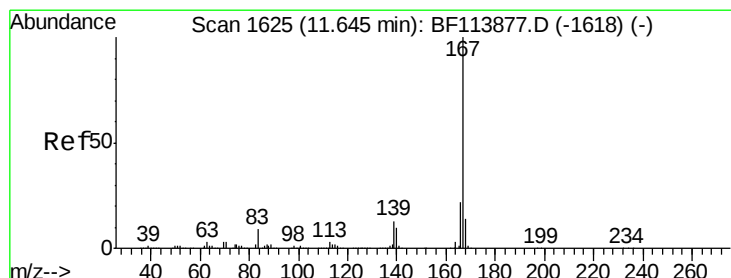
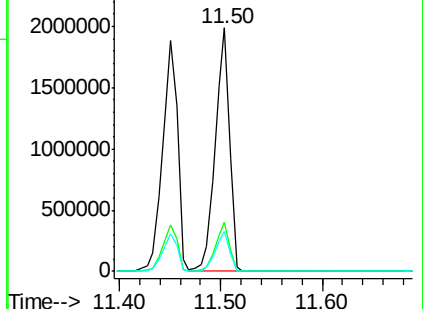
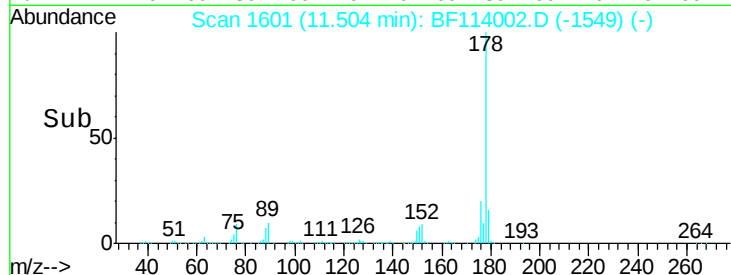
179 16.4 13.0 19.4



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: 41.636 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

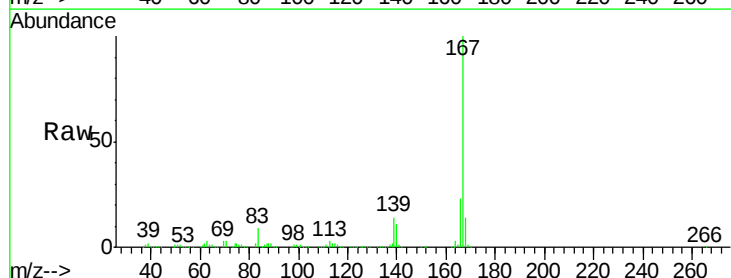
Tgt Ion:167 Resp: 1778835

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

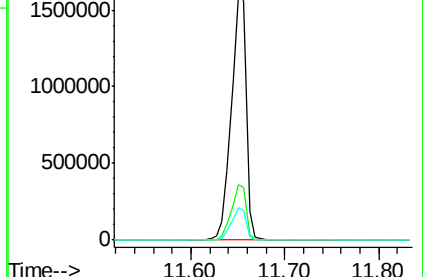
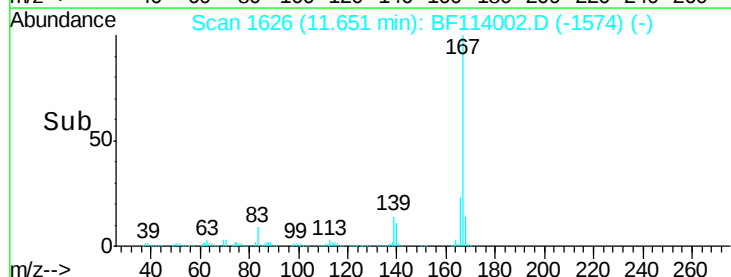
139 13.5 10.0 15.0

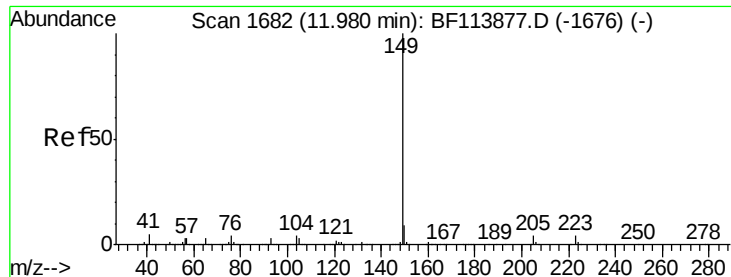


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 41.566 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

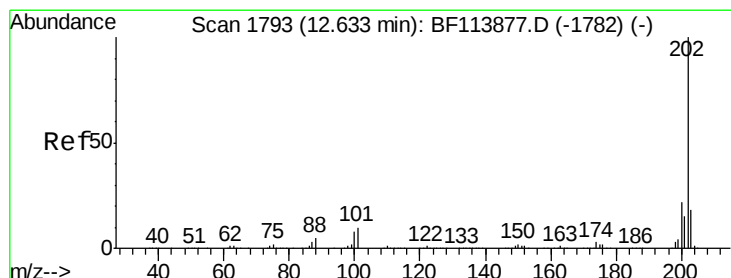
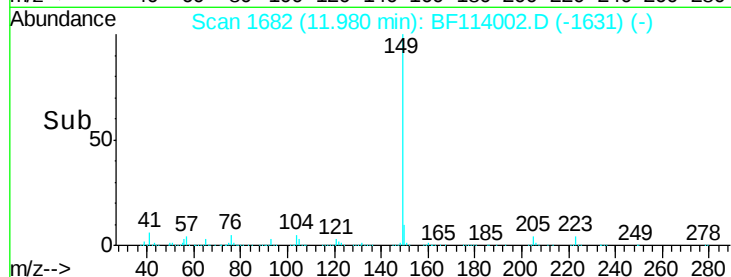
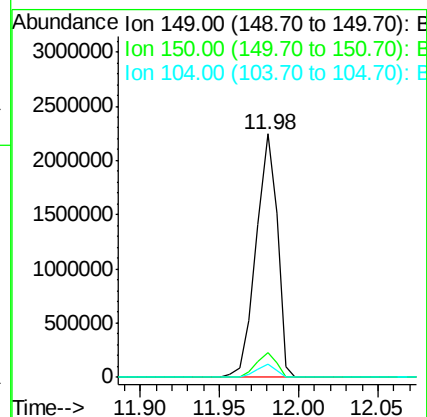
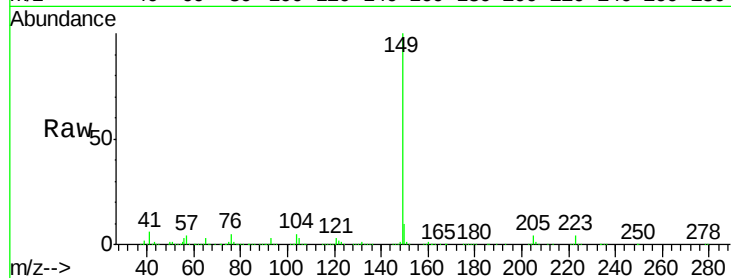
Tot Ion:149 Resp: 2088989

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

104 5.2 3.8 5.8



#75

Fluoranthene

Concen: 39.487 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

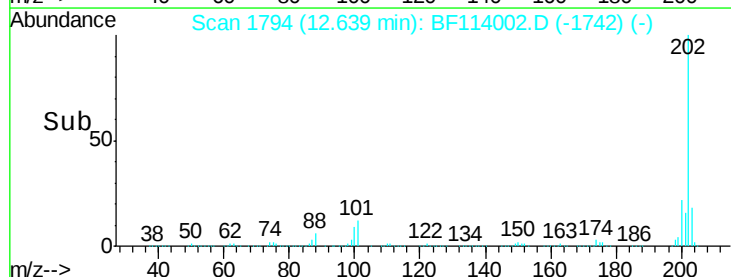
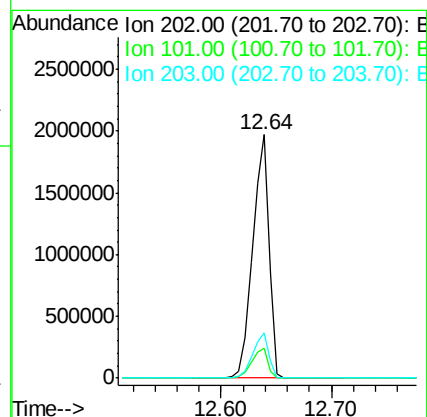
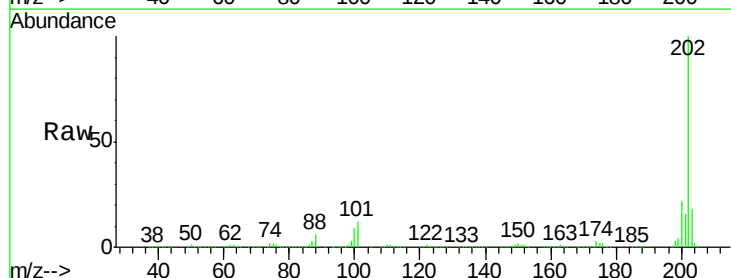
Tgt Ion:202 Resp: 2042984

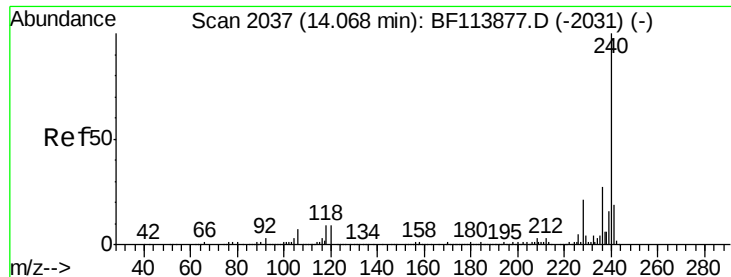
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.9

203 18.4 0.0 38.2

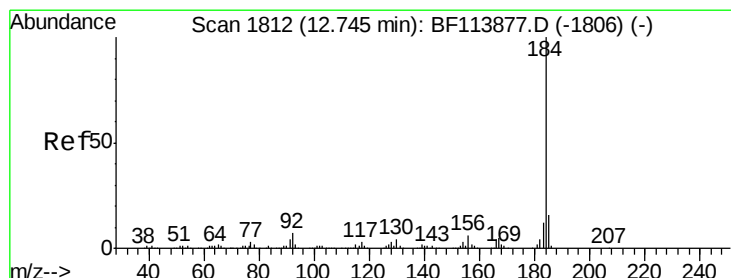
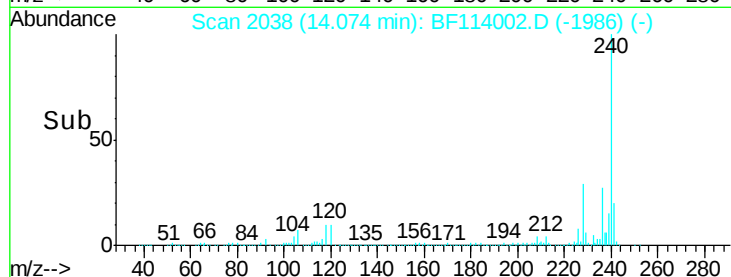
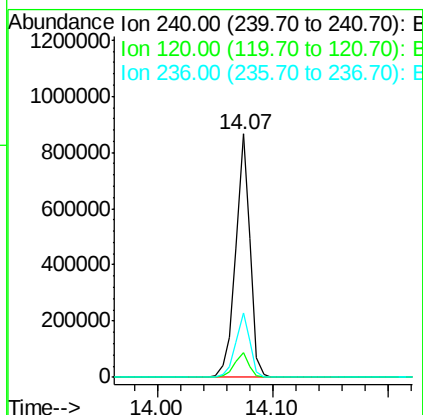
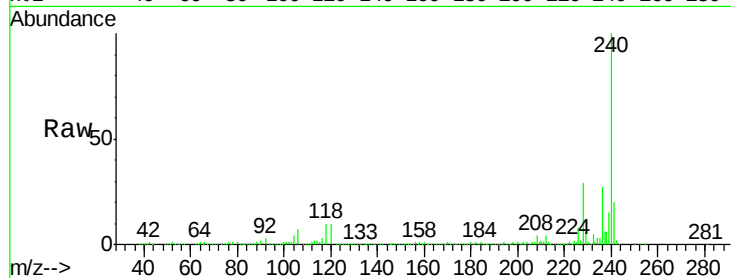




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

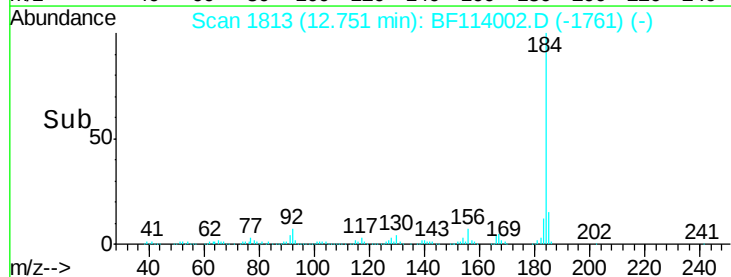
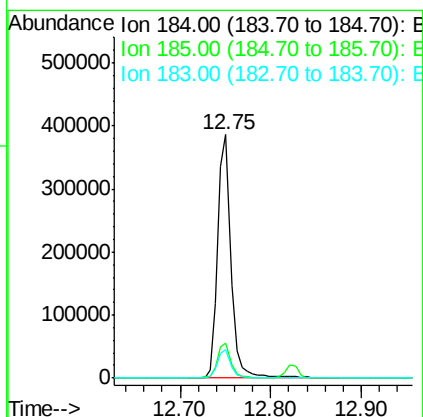
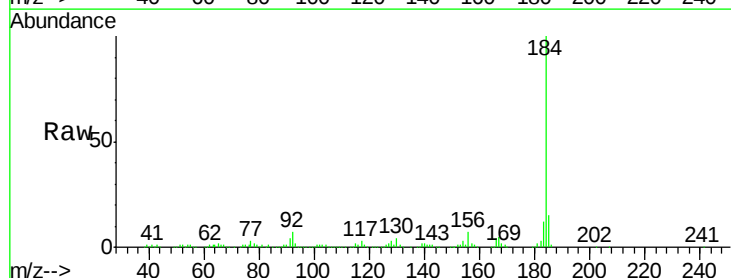
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

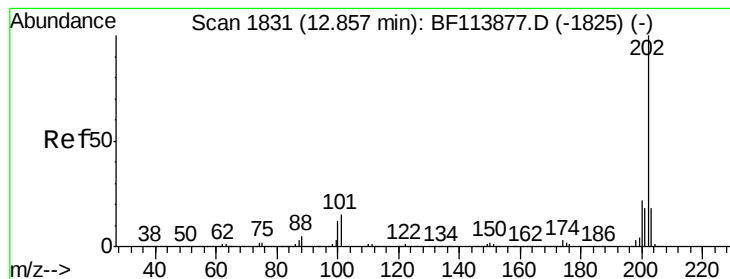
Tot Ion:240 Resp: 738281
Ion Ratio Lower Upper
240 100
120 10.1 9.3 13.9
236 26.6 21.2 31.8



#77
Benzidine
Concen: 17.881 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:184 Resp: 393329
Ion Ratio Lower Upper
184 100
185 14.6 13.0 19.6
183 11.6 9.4 14.0





#78

Pvrene

Concen: 39.733 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

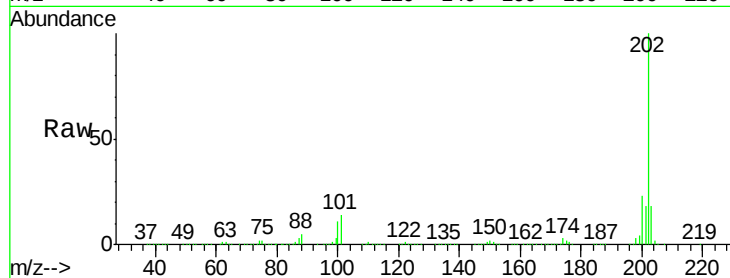
Tot Ion:202 Resp: 2051358

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

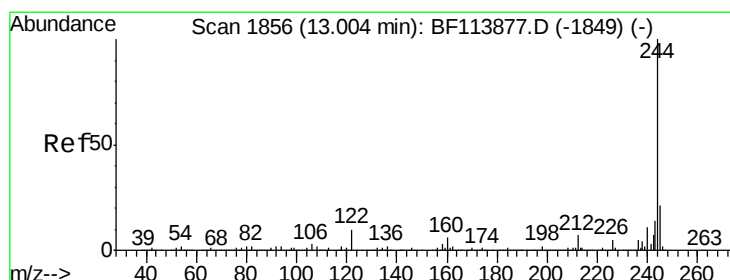
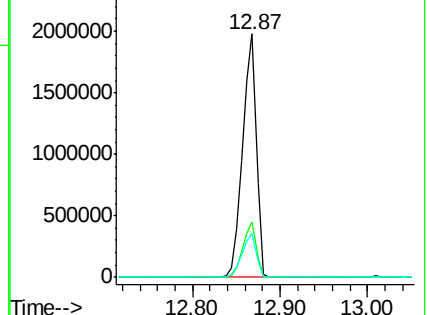
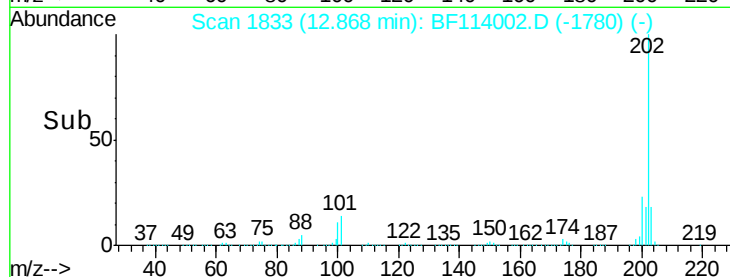
203 18.3 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 72.231 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

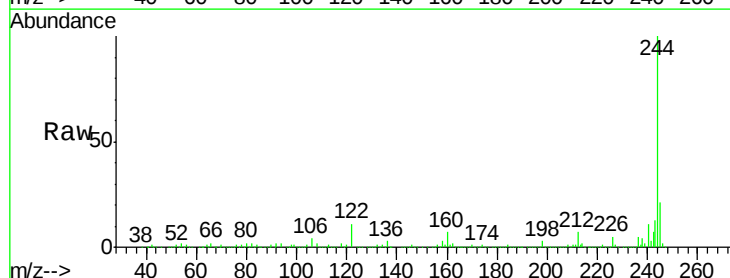
Tgt Ion:244 Resp: 2601131

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

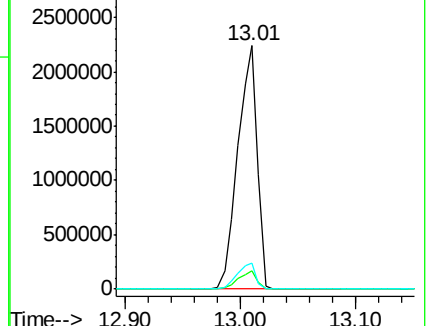
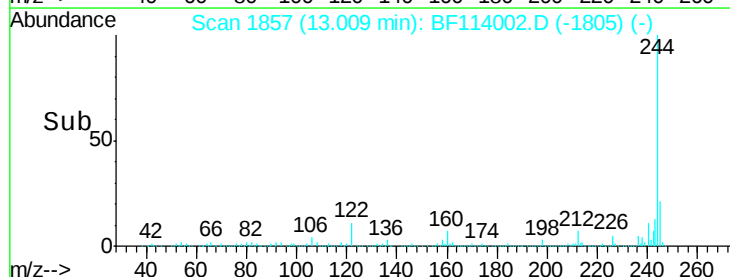
122 10.7 7.6 11.4

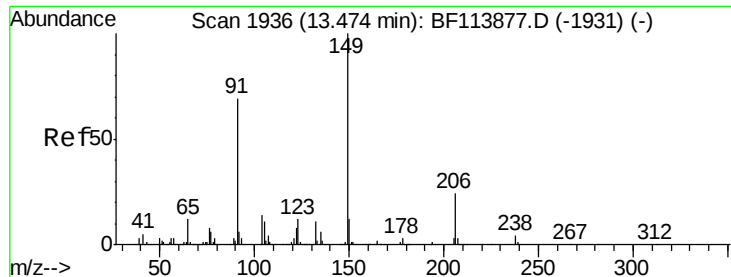


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 43.041 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

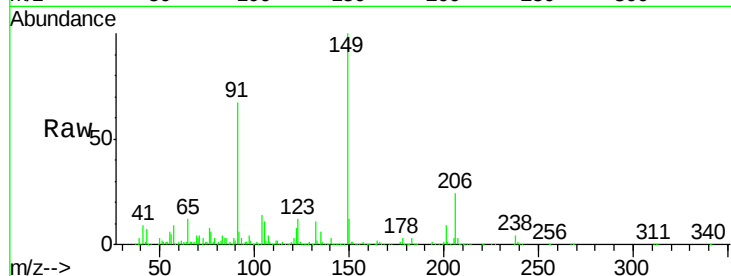
Tot Ion:149 Resp: 874313

Ion Ratio Lower Upper

149 100

91 67.3 56.3 84.5

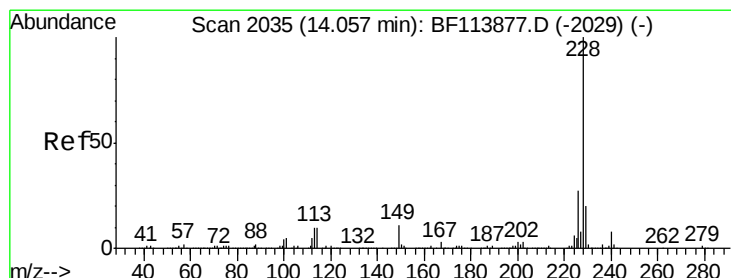
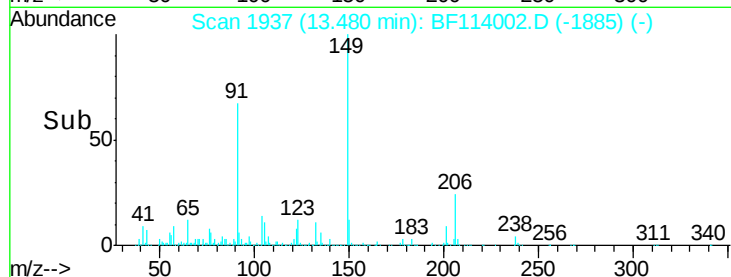
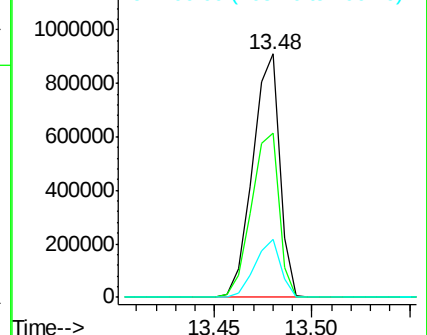
206 24.0 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 40.302 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

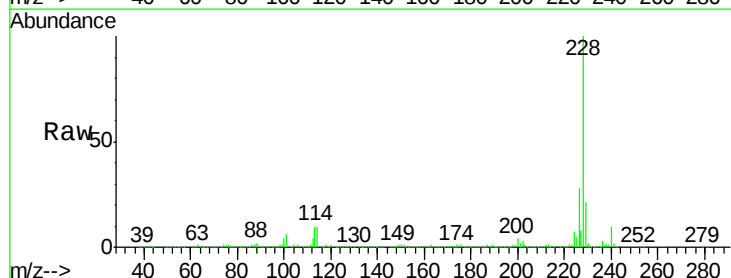
Tgt Ion:228 Resp: 1753055

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

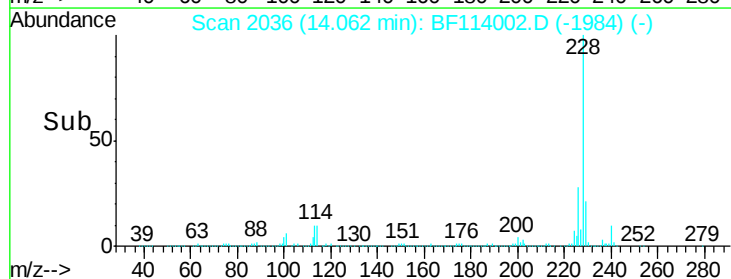
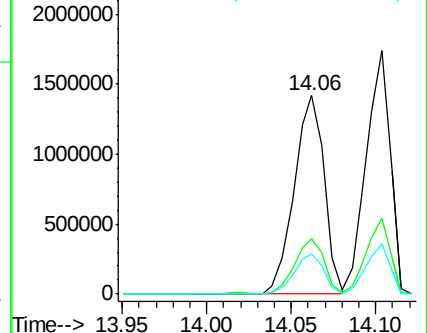
229 20.5 16.0 24.0

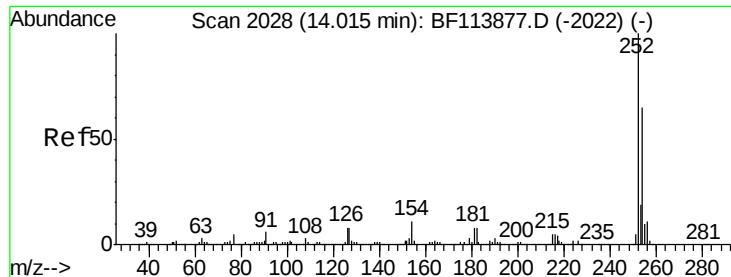


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 37.730 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

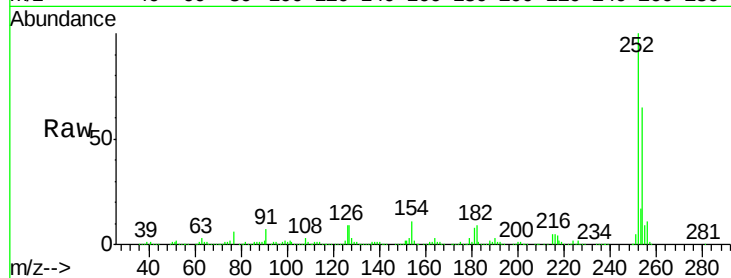
Tot Ion:252 Resp: 601537

Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

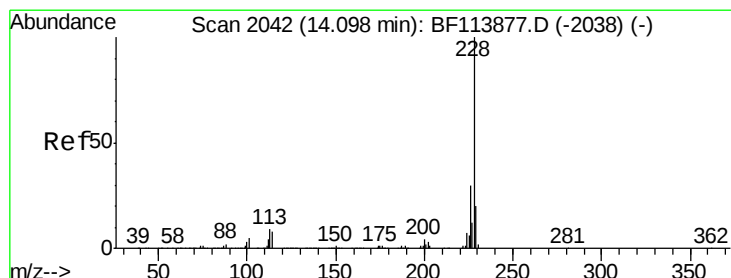
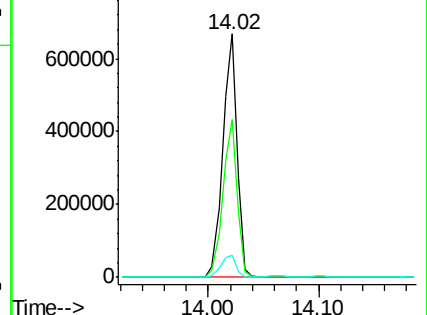
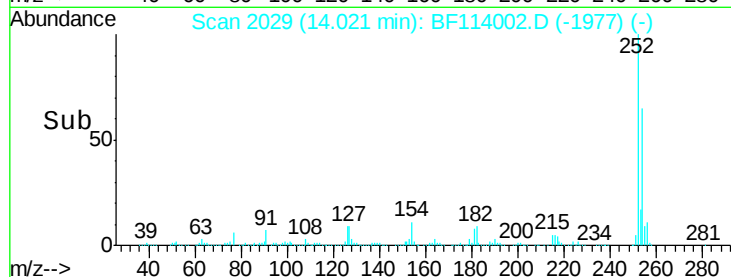
126 9.0 9.3 13.9#



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: 40.540 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

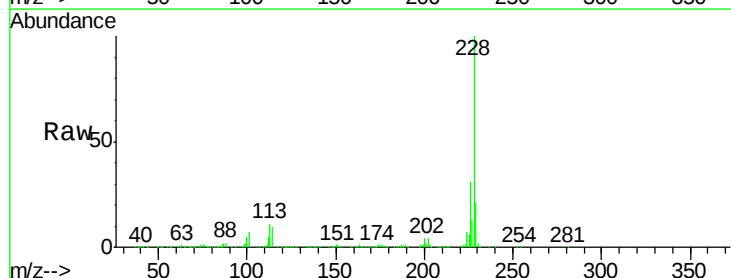
Tgt Ion:228 Resp: 1717398

Ion Ratio Lower Upper

228 100

226 31.3 25.2 37.8

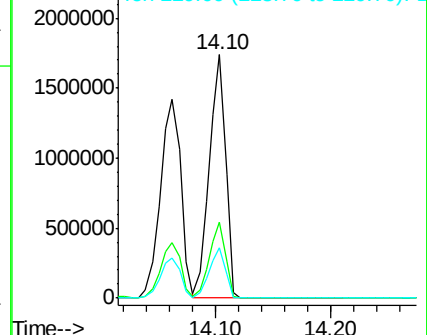
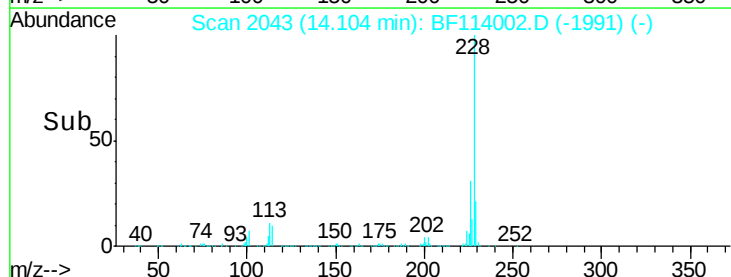
229 20.8 16.7 25.1

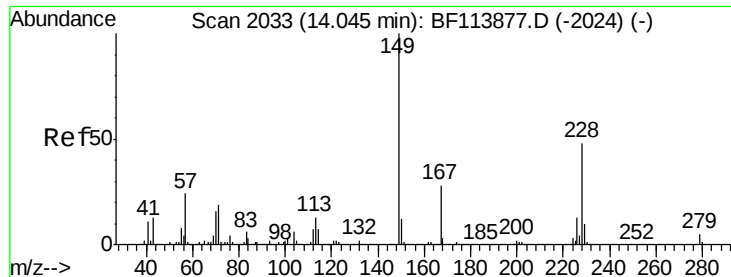


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.287 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

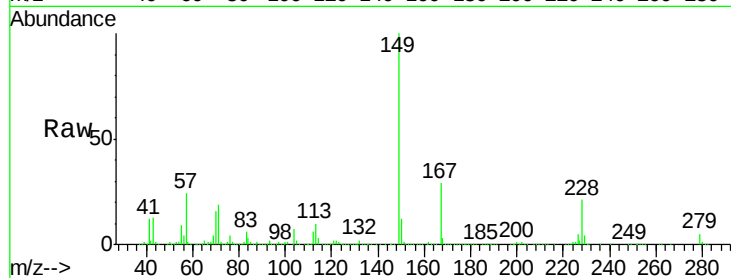
BNA_F

ClientSampleId :

PB119139BSD

Tot Ion:149 Resp: 1170453

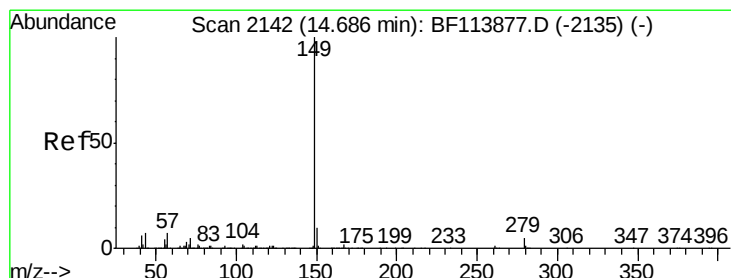
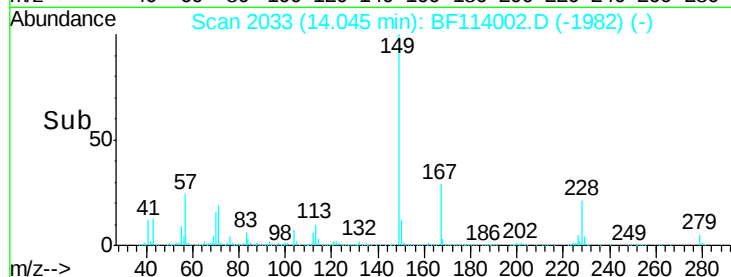
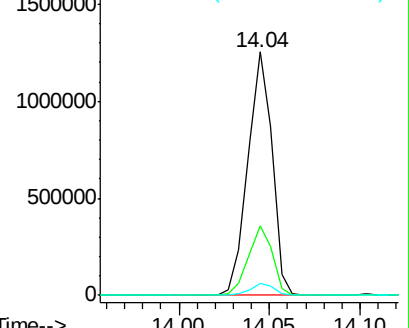
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	4.8	4.2	6.2



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: 45.441 ng

RT: 14.68 min Scan# 2141

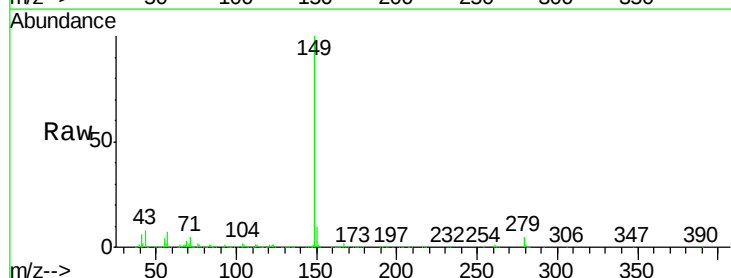
Delta R.T. -0.01 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Tgt Ion:149 Resp: 1838236

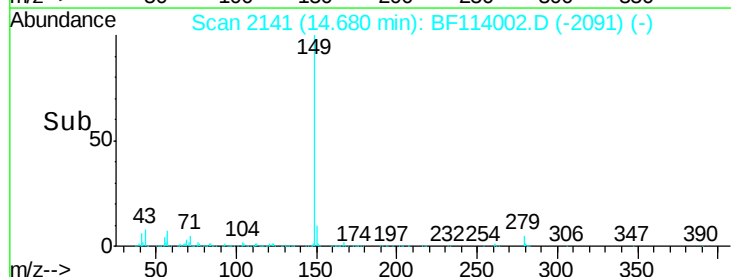
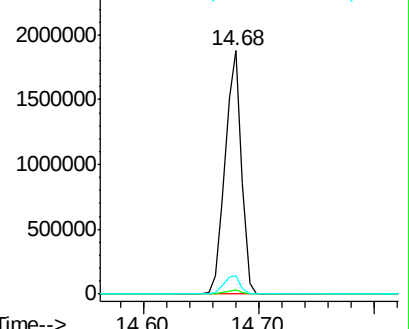
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.6	10.0

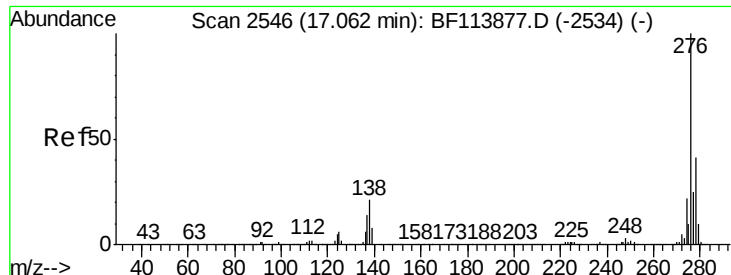


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

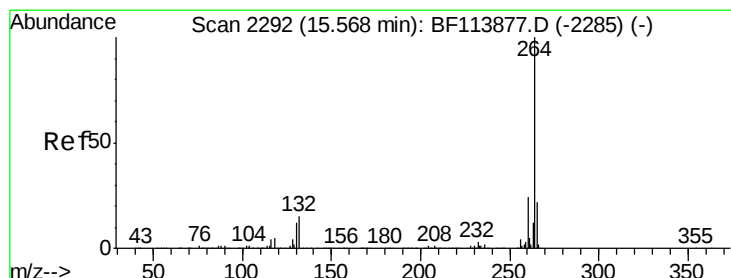
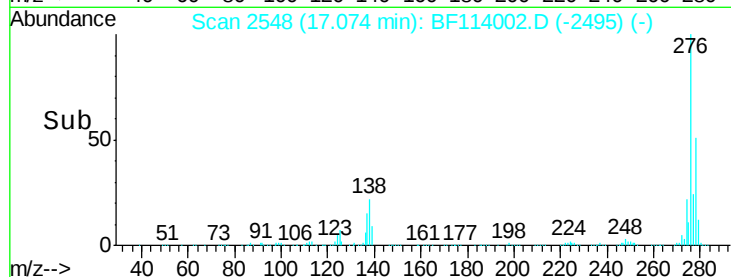
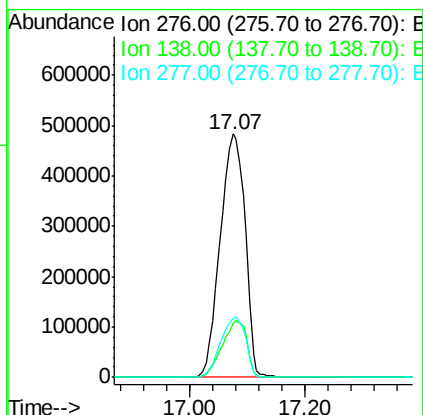
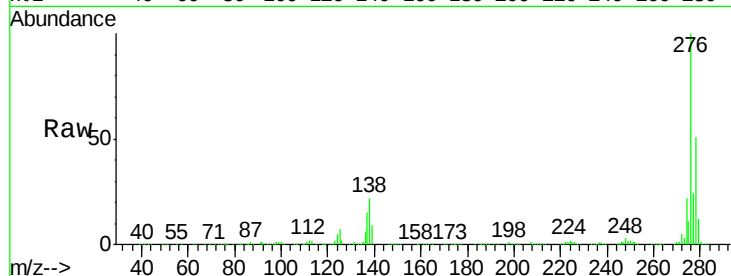




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.151 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

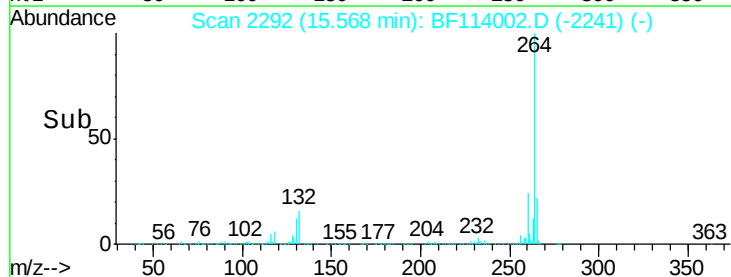
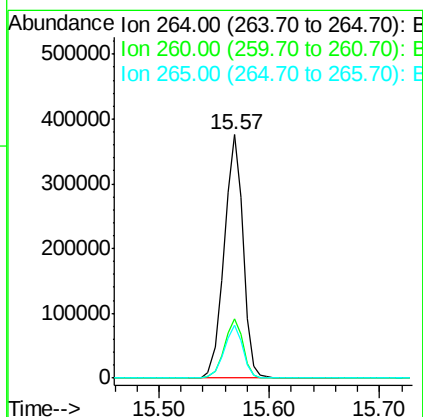
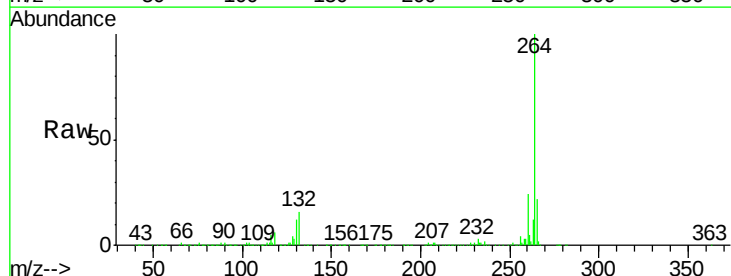
Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

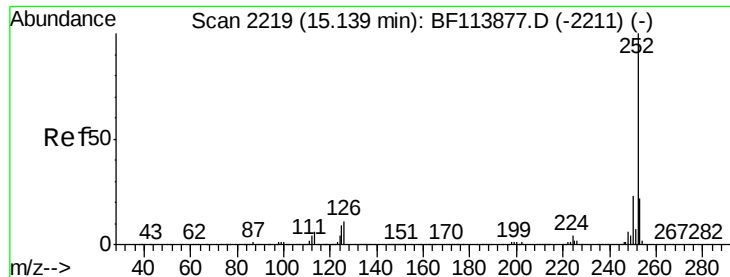
Tot Ion:276 Resp: 1450642
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.6 29.4
 277 25.1 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Tgt Ion:264 Resp: 449334
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.6 17.3 25.9

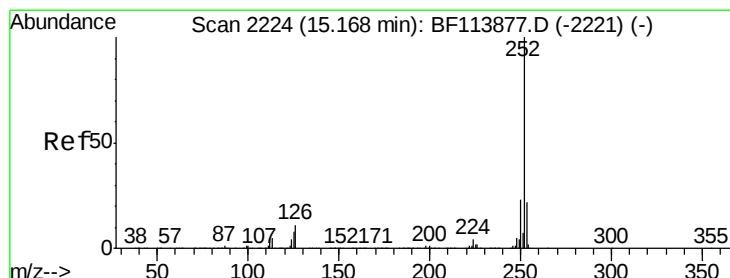
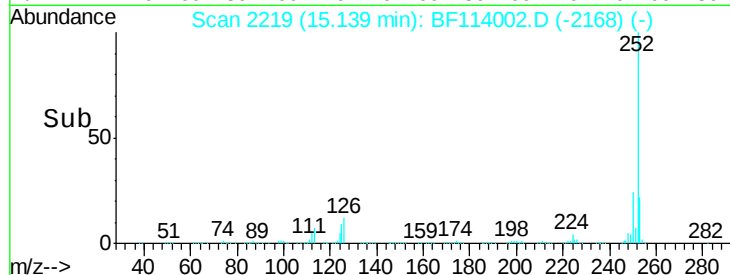
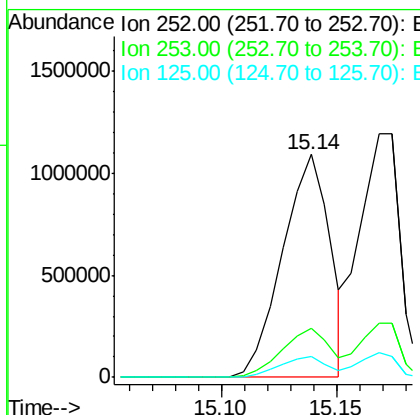
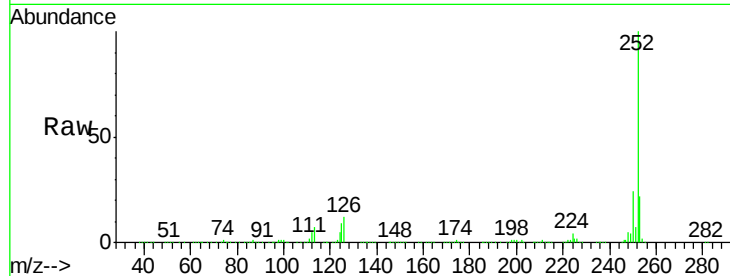




#88
Benzo(b)fluoranthene
Concen: 55.039 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

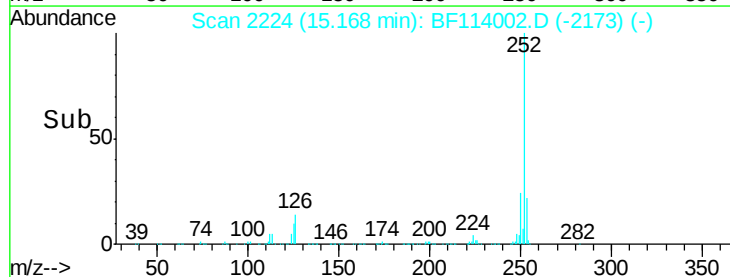
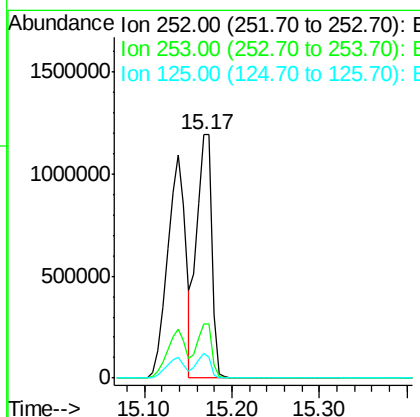
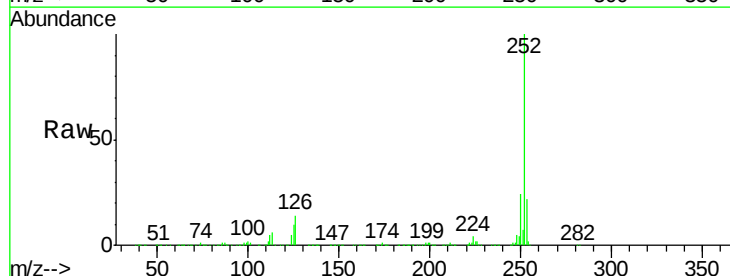
Instrument :
BNA_F
ClientSampleId :
PB119139BSD

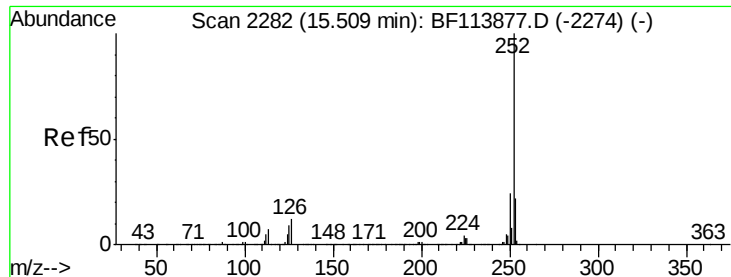
Tot Ion:252 Resp: 1564705
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.3 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 59.372 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114002.D
Acq: 26 Apr 2019 11:47

Tgt Ion:252 Resp: 1451886
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.0 7.4 11.2





#90

Benzo(a)pyrene

Concen: 55.328 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB119139BSD

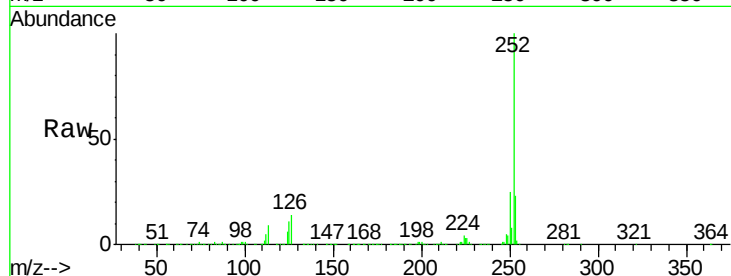
Tot Ion:252 Resp: 1360494

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

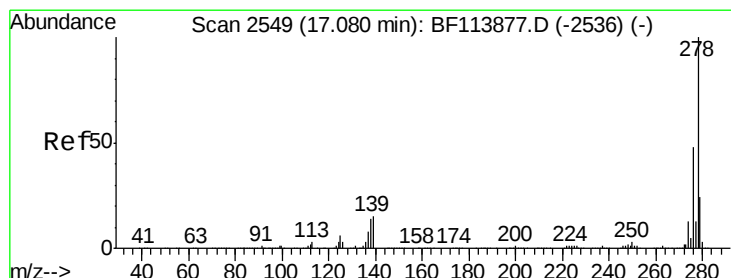
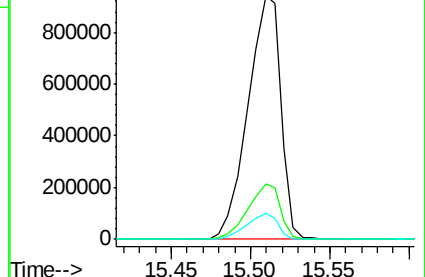
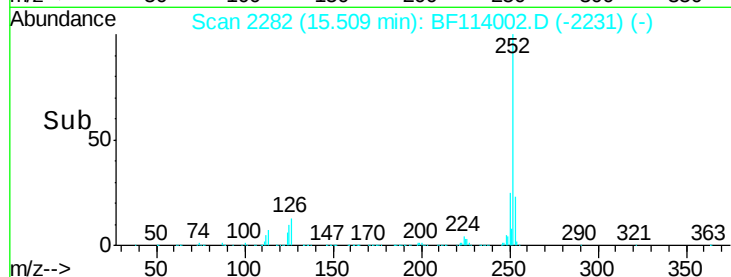
125 10.6 8.5 12.7



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: 52.550 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF114002.D

Acq: 26 Apr 2019 11:47

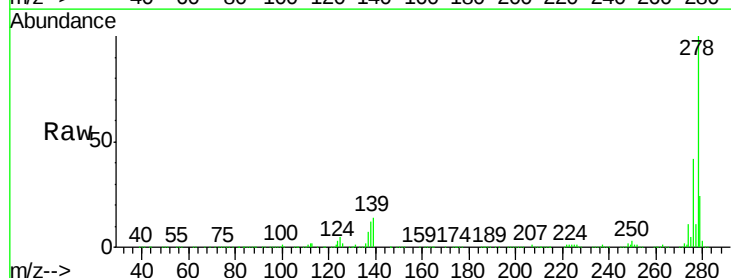
Tgt Ion:278 Resp: 1213003

Ion Ratio Lower Upper

278 100

139 13.5 11.6 17.4

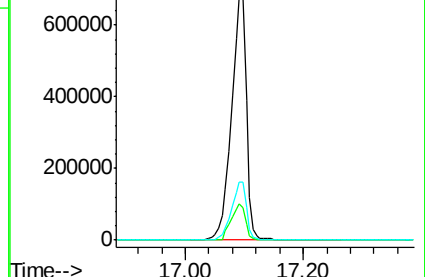
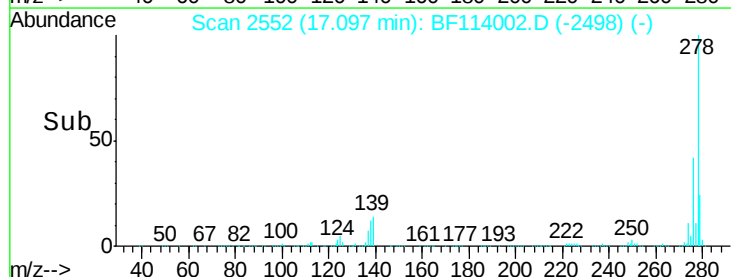
279 23.7 19.0 28.6

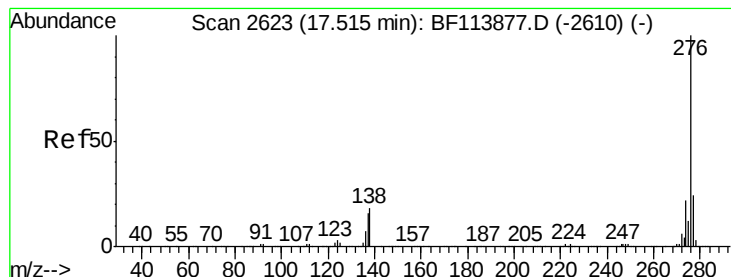


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

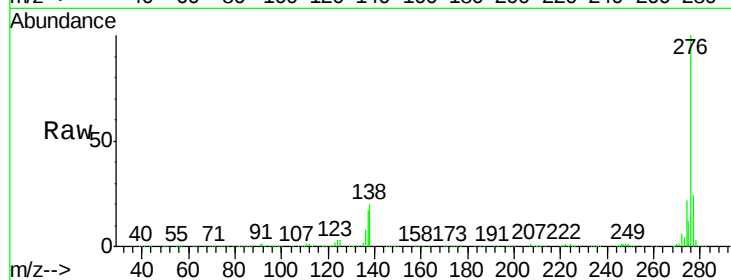




#92
 Benzo(a,h,i)perylene
 Concen: 53.178 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF114002.D
 Acq: 26 Apr 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BSD

Tot Ion:276 Resp: 1238761
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.0 28.4
 138 19.7 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

