

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114055.D
 Acq On : 30 Apr 2019 21:02
 Operator : JU/SJ
 Sample : PB119350BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Quant Time: Apr 30 23:05:04 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	6.89	152	141824	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	441695	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	227980	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	365346	20.00	ng	0.00
76) Chrysene-d12	14.06	240	257914	20.00	ng	-0.01
87) Perylene-d12	15.54	264	210537	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	830068	100.10	ng	0.01
7) Phenol-d6	6.53	99	1022475	98.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	626416	87.57	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	291294	104.89	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1478660	101.44	ng	0.00
79) Terphenyl-d14	13.00	244	1396859	111.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	145389	37.195	ng	98
3) Pyridine	3.50	79	382925	35.890	ng	98
4) n-Nitrosodimethylamine	3.45	42	128498	35.183	ng	93
6) Aniline	6.56	93	268244	18.777	ng	99
8) 2-Chlorophenol	6.69	128	324002	34.224	ng	95
9) Benzaldehyde	6.44	77	59928	5.629	ng	92
10) Phenol	6.55	94	393108	31.600	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	327632	34.999	ng	98
12) 1,3-Dichlorobenzene	6.84	146	384626	35.872	ng	98
13) 1,4-Dichlorobenzene	6.91	146	391462	36.299	ng	98
14) 1,2-Dichlorobenzene	7.07	146	355744	35.893	ng	98
15) Benzyl Alcohol	7.03	79	286245	40.853	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	354668	32.456	ng	95
17) 2-Methylphenol	7.15	107	270033	32.540	ng	98
18) Hexachloroethane	7.41	117	84356	22.314	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	225726	33.505	ng	98
20) 3+4-Methylphenols	7.30	107	329066	35.097	ng	# 72
22) Acetophenone	7.30	105	444066	45.178	ng	# 92
24) Nitrobenzene	7.47	77	323642	40.944	ng	95
25) Isophorone	7.71	82	562805	38.449	ng	98
26) 2-Nitrophenol	7.79	139	109468	30.357	ng	94
27) 2,4-Dimethylphenol	7.83	122	255323	43.457	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	361427	38.749	ng	100
29) 2,4-Dichlorophenol	8.03	162	261241	38.884	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	292743	39.078	ng	98
31) Naphthalene	8.20	128	832965	39.697	ng	99
32) Benzoic acid	7.94	122	104822	26.419	ng	95
33) 4-Chloroaniline	8.24	127	153904	17.334	ng	98
34) Hexachlorobutadiene	8.32	225	177463	38.001	ng	98
35) Caprolactam	8.61	113	86308	40.383	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	291588	43.807	ng	99
37) 2-Methylnaphthalene	8.89	142	671391	47.449	ng	99
38) 1-Methylnaphthalene	8.99	142	621916	45.539	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	343448	46.377	ng	99

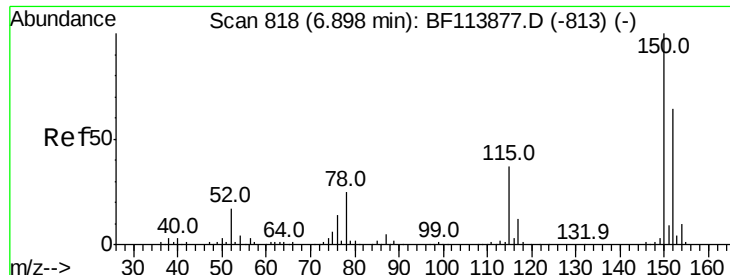
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	15534	3.762	nq	96
43) 2,4,6-Trichlorophenol	9.17	196	235051	49.985	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	248408	47.096	nq	99
46) 1,1'-Biphenyl	9.35	154	822027	47.200	nq	99
47) 2-Chloronaphthalene	9.38	162	628216	44.356	nq	99
48) 2-Nitroaniline	9.47	65	187425	50.481	nq	93
49) Acenaphthylene	9.79	152	866679	39.088	nq	99
50) Dimethylphthalate	9.65	163	718898	43.602	nq	100
51) 2,6-Dinitrotoluene	9.71	165	128196	36.241	nq	100
52) Acenaphthene	9.97	154	493481	37.660	nq	97
53) 3-Nitroaniline	9.88	138	160562	43.196	nq	91
54) 2,4-Dinitrophenol	9.99	184	2395	9.721	nq	# 21
55) Dibenzofuran	10.14	168	767271	39.090	nq	100
56) 4-Nitrophenol	10.04	139	197522	67.115	nq	93
57) 2,4-Dinitrotoluene	10.12	165	147416	33.017	nq	93
58) Fluorene	10.48	166	555021	37.558	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	168174	36.282	nq	100
60) Diethylphthalate	10.35	149	663592	42.382	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	309905	39.599	nq	99
62) 4-Nitroaniline	10.49	138	159319	43.922	nq	95
63) Azobenzene	10.63	77	555356	36.597	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	2701	8.676	nq	96
66) n-Nitrosodiphenylamine	10.59	169	519490	47.389	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	191581	43.408	nq	98
68) Hexachlorobenzene	11.03	284	211694	43.648	nq	98
69) Atrazine	11.11	200	170421	47.789	nq	98
70) Pentachlorophenol	11.23	266	188317	68.578	nq	96
71) Phenanthrene	11.44	178	750747	40.889	nq	99
72) Anthracene	11.49	178	783185	42.240	nq	99
73) Carbazole	11.65	167	688166	41.602	nq	99
74) Di-n-butylphthalate	11.97	149	861653	44.282	nq	98
75) Fluoranthene	12.63	202	801931	40.033	nq	96
77) Benzidine	12.75	184	727261	94.637	nq	97
78) Pyrene	12.86	202	955985	53.003	nq	98
80) Butylbenzylphthalate	13.47	149	347889	49.024	nq	99
81) Benzo(a)anthracene	14.04	228	638080	41.991	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	267754	48.073	nq	99
83) Chrysene	14.09	228	628187	42.447	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	485301	53.750	nq	98
85) Di-n-octyl phthalate	14.64	149	769126	54.424	nq	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	490747	35.008	nq	98
88) Benzo(b)fluoranthene	15.10	252	524421	39.369	nq	98
89) Benzo(k)fluoranthene	15.13	252	489872	42.754	nq	99
90) Benzo(a)pyrene	15.48	252	461918	40.091	nq	99
91) Dibenzo(a,h)anthracene	17.05	278	416447	38.504	nq	100
92) Benzo(g,h,i)perylene	17.49	276	491180	45.002	nq	99

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

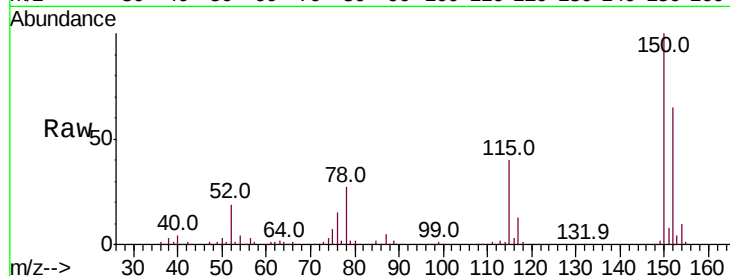


#1

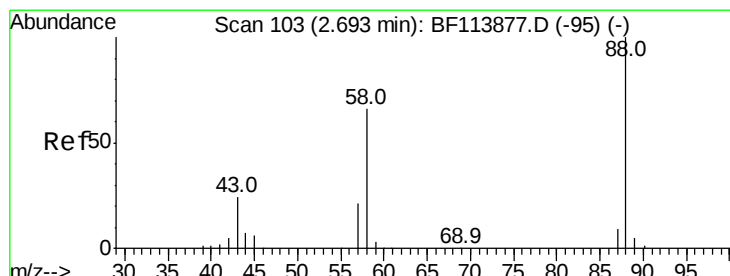
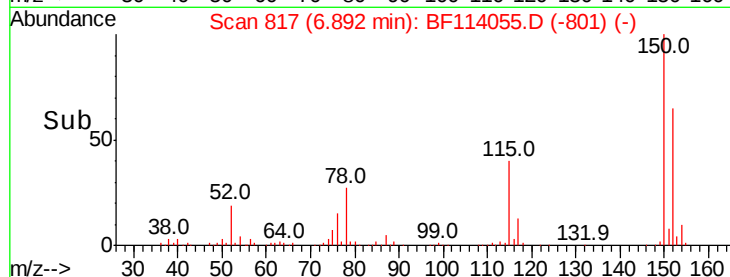
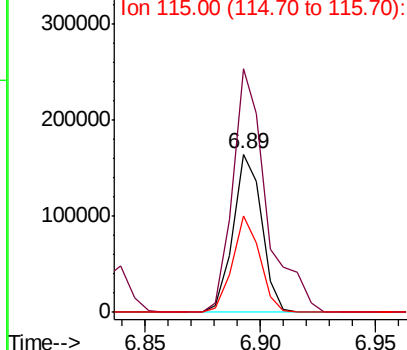
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:152 Resp: 141824
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 61.1 45.9 68.9



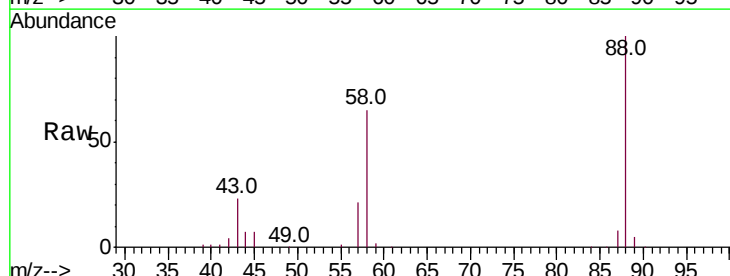
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



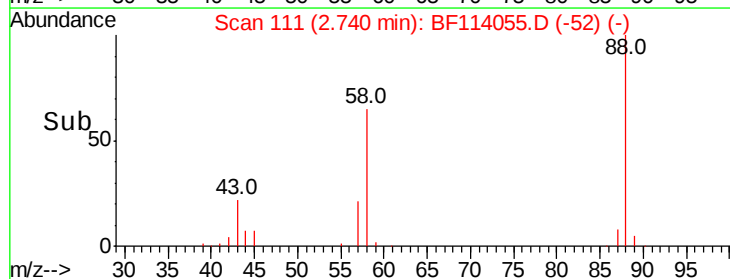
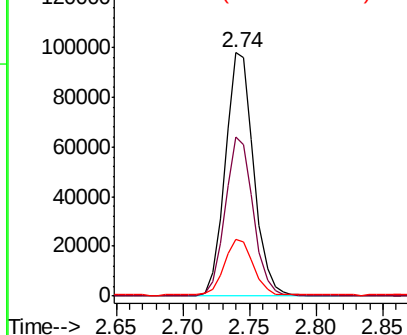
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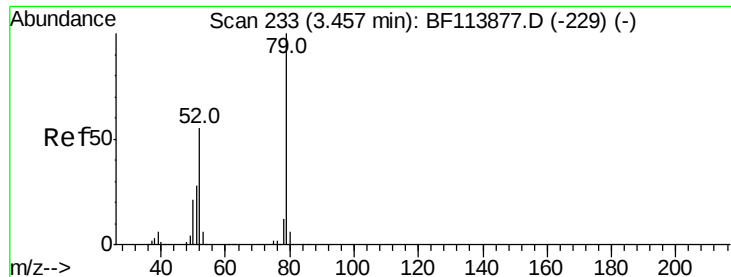
1,4-Dioxane
Concen: 37.195 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.05 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 88 Resp: 145389
Ion Ratio Lower Upper
88 100
58 64.7 53.3 79.9
43 23.4 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: 35.890 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.05 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

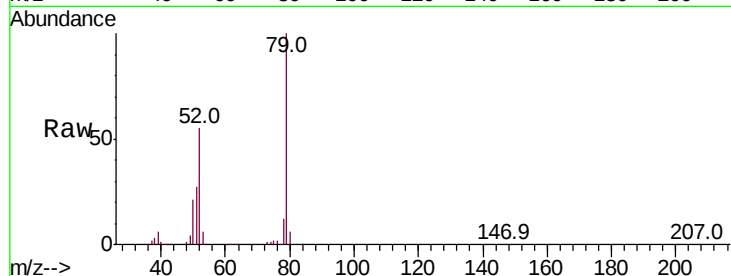
Tot Ion: 79 Resp: 382925

Ion Ratio Lower Upper

79 100

52 54.9 45.3 67.9

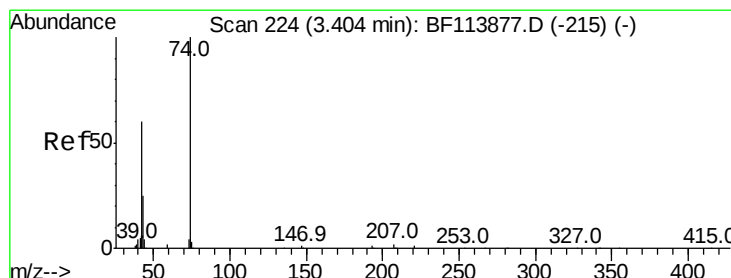
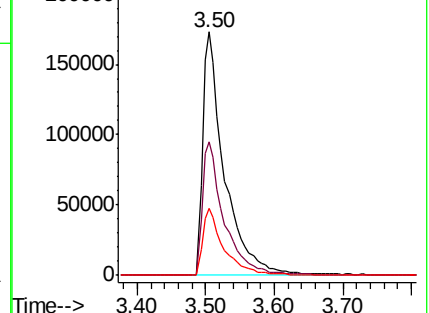
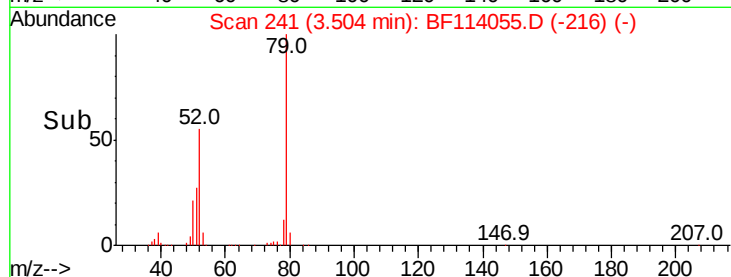
51 27.4 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.183 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

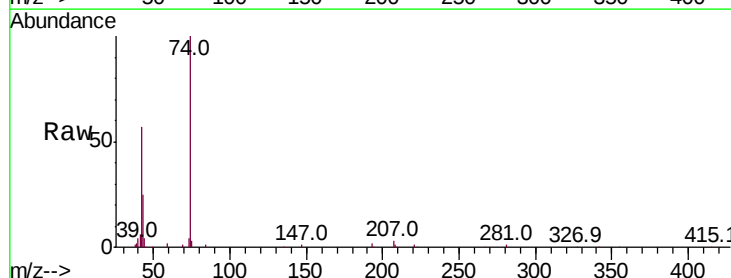
Tgt Ion: 42 Resp: 128498

Ion Ratio Lower Upper

42 100

74 175.1 132.6 198.8

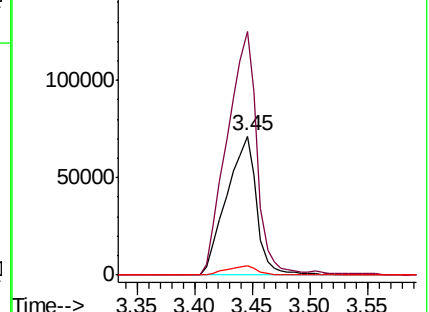
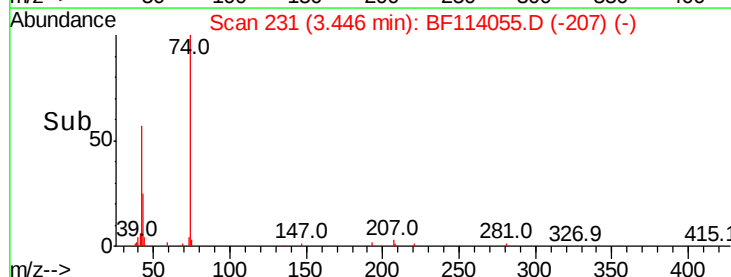
44 6.6 5.8 8.8

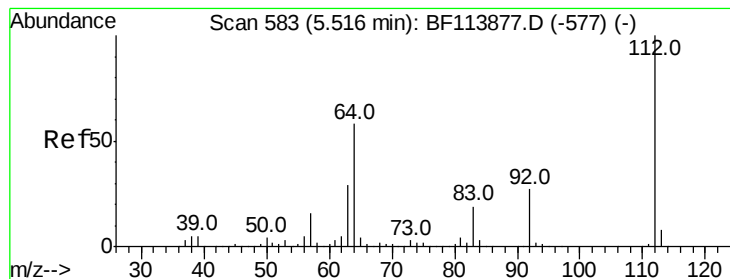


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.104 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

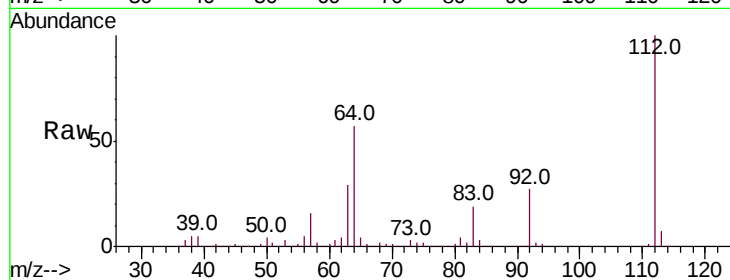
Tot Ion:112 Resp: 830068

Ion Ratio Lower Upper

112 100

64 56.6 46.6 69.8

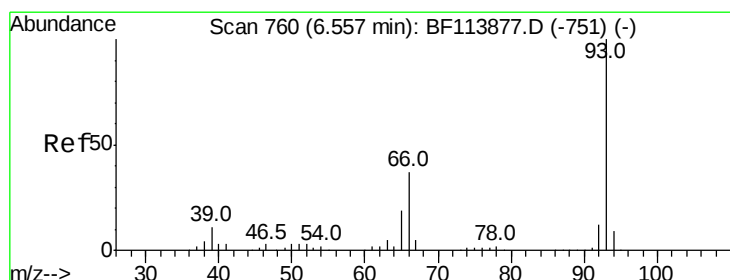
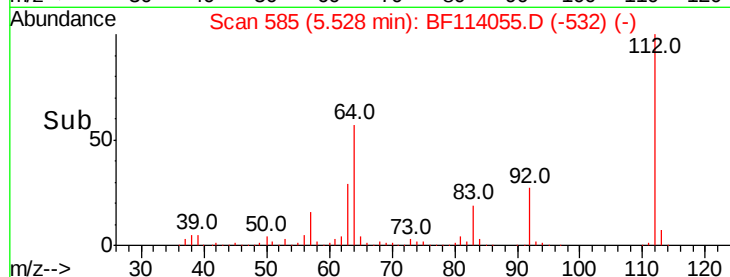
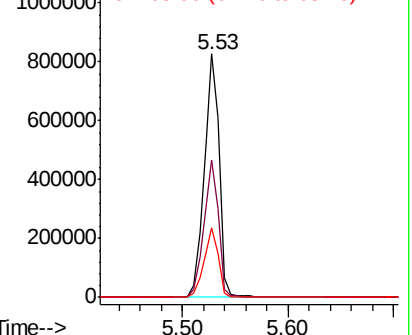
63 28.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.777 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

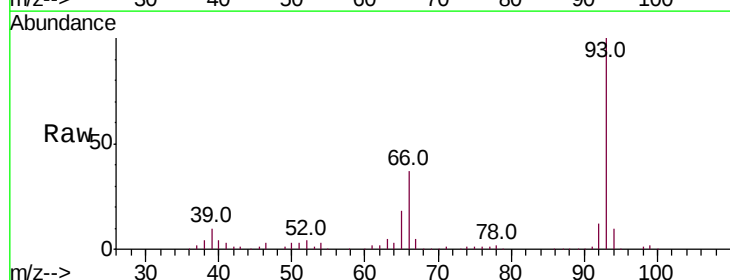
Tgt Ion: 93 Resp: 268244

Ion Ratio Lower Upper

93 100

66 36.6 29.8 44.6

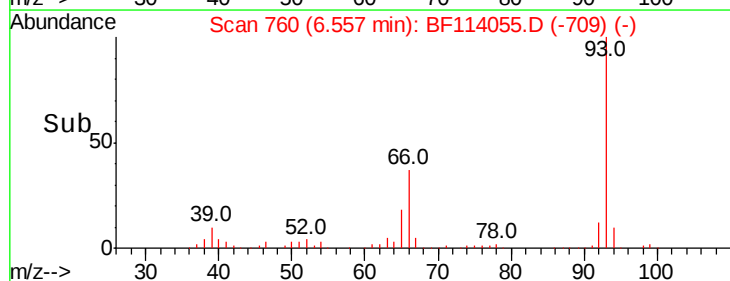
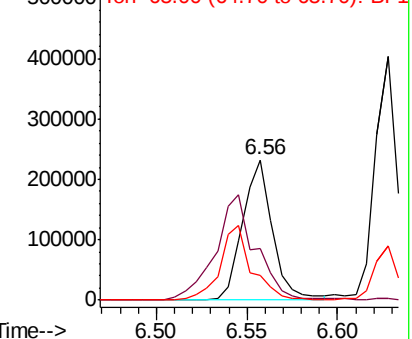
65 18.0 14.9 22.3

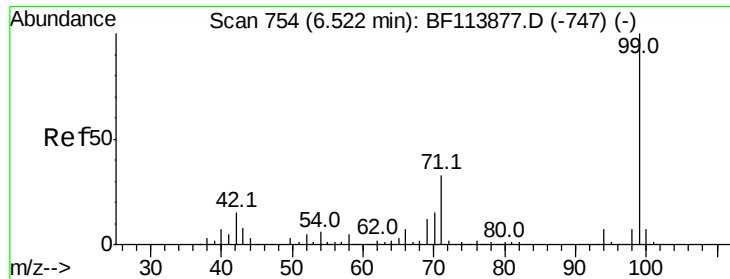


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.283 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

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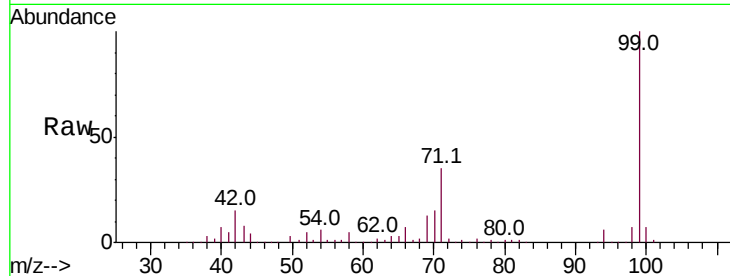
Tot Ion: 99 Resp: 1022475

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

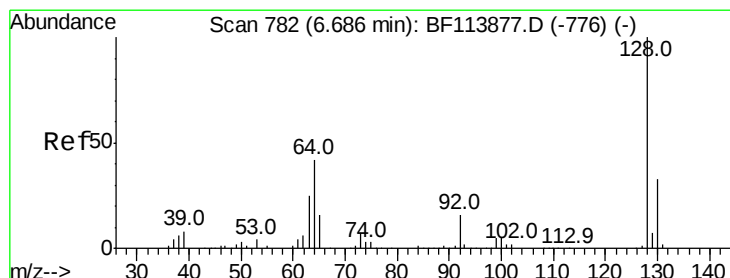
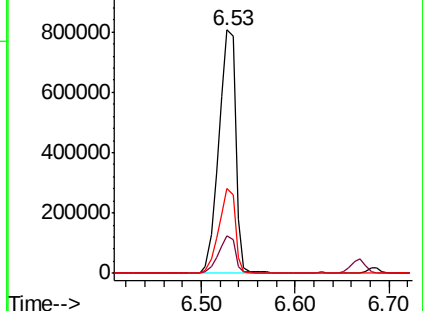
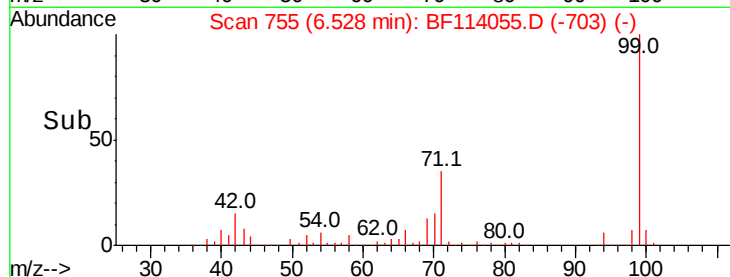
71 35.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.224 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

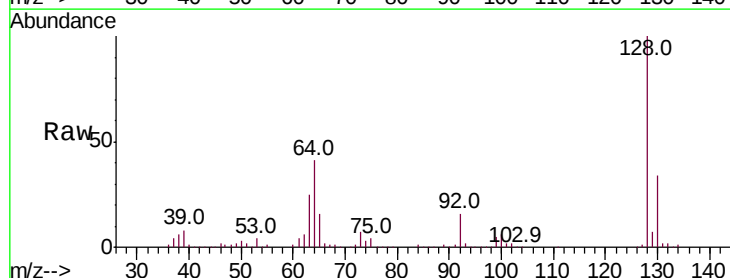
Tgt Ion:128 Resp: 324002

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

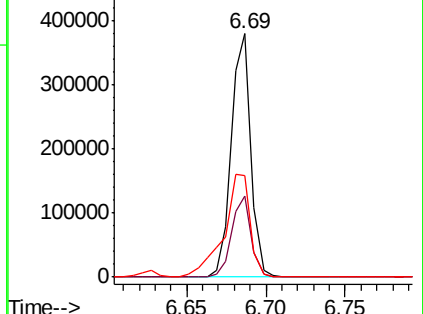
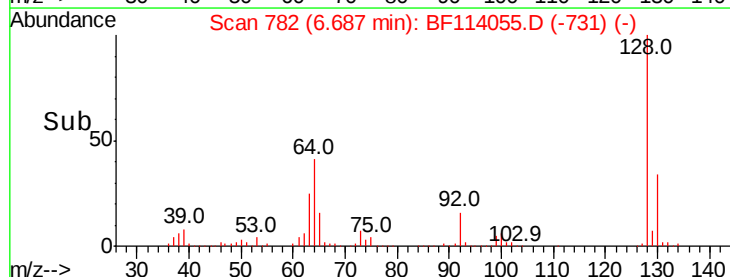
64 41.4 26.1 66.1

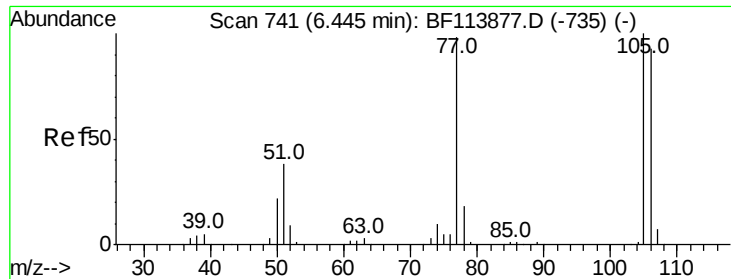


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

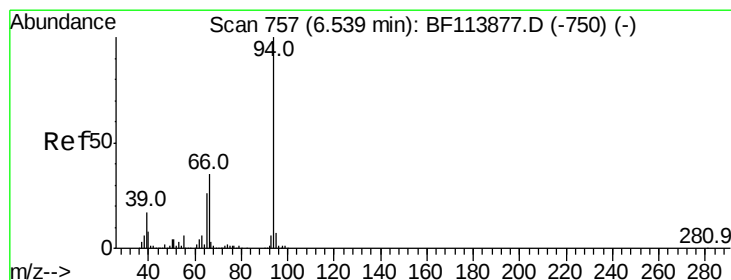
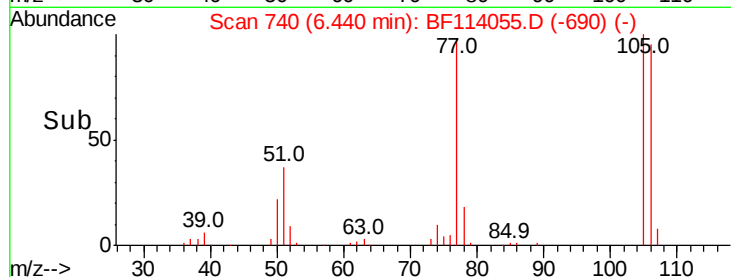
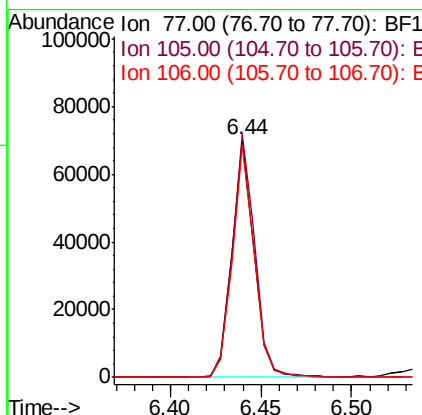
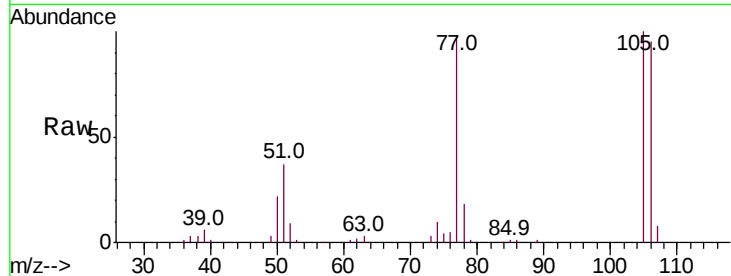




#9
Benzaldehyde
Concen: 5.629 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

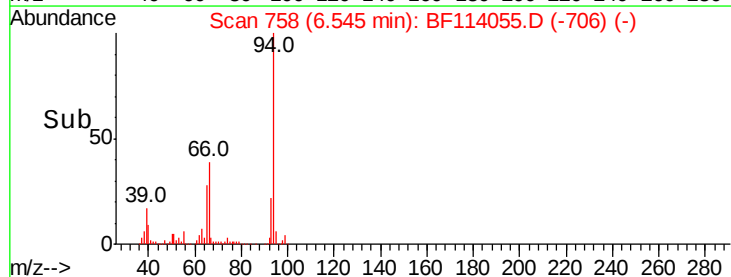
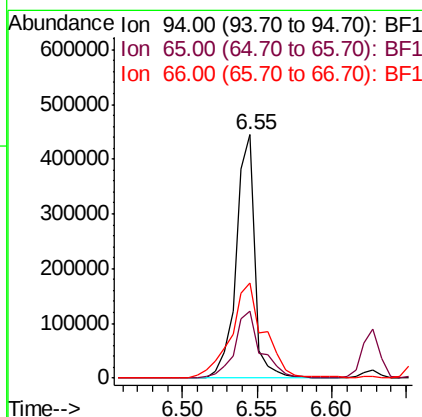
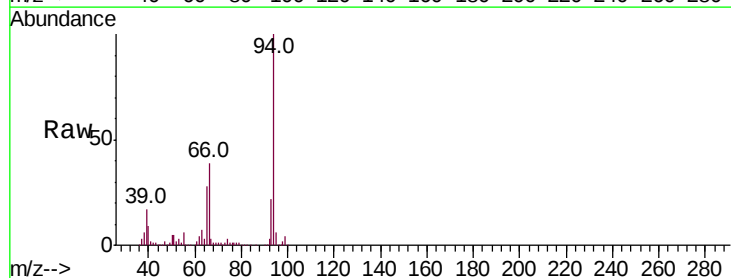
Instrument :
BNA_F
ClientSampleId :
PB119350BS

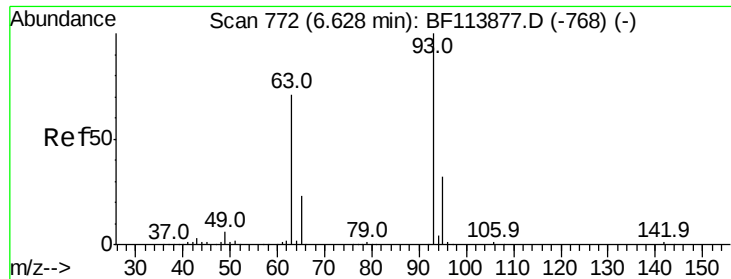
Tot Ion: 77 Resp: 59928
Ion Ratio Lower Upper
77 100
105 102.4 74.1 114.1
106 97.8 70.3 110.3



#10
Phenol
Concen: 31.600 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 94 Resp: 393108
Ion Ratio Lower Upper
94 100
65 27.6 8.1 48.1
66 39.2 16.6 56.6

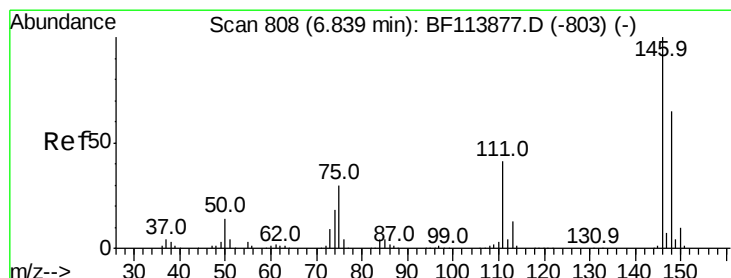
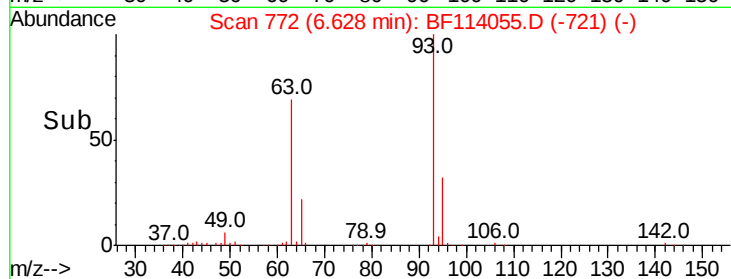
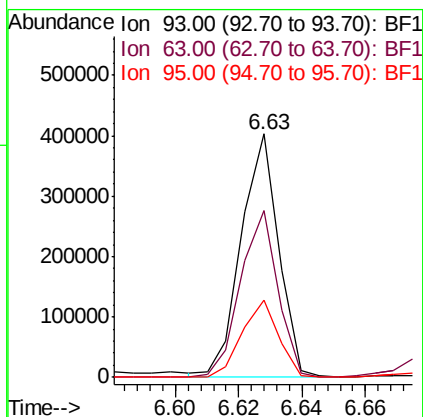
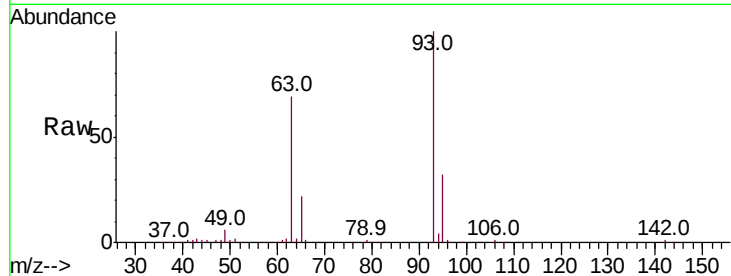




#11
bis(2-Chloroethyl)ether
Concen: 34.999 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

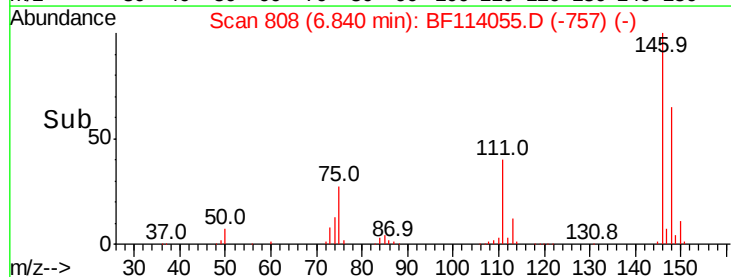
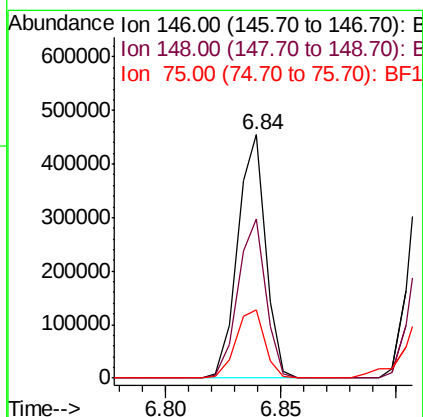
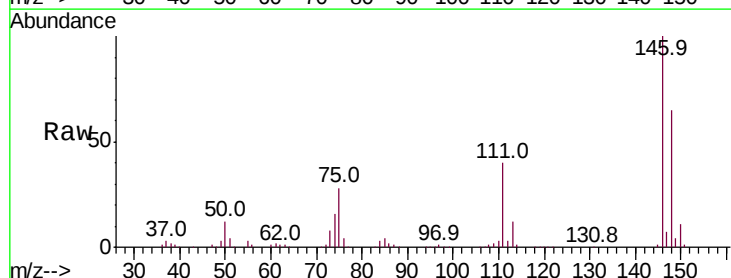
Instrument :
BNA_F
ClientSampleId :
PB119350BS

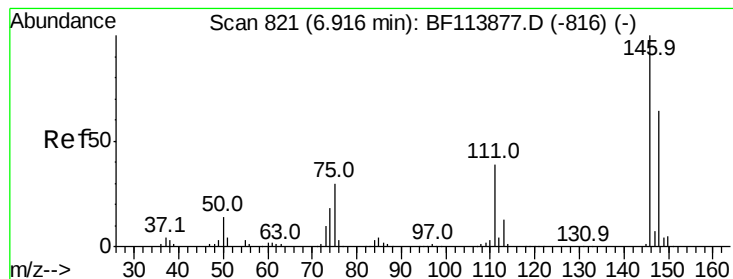
Tot Ion: 93 Resp: 327632
Ion Ratio Lower Upper
93 100
63 68.7 50.7 90.7
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.872 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 146 Resp: 384626
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
75 27.9 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 36.299 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampled :

PB119350BS

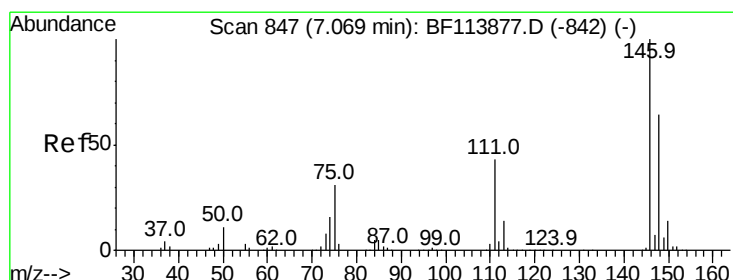
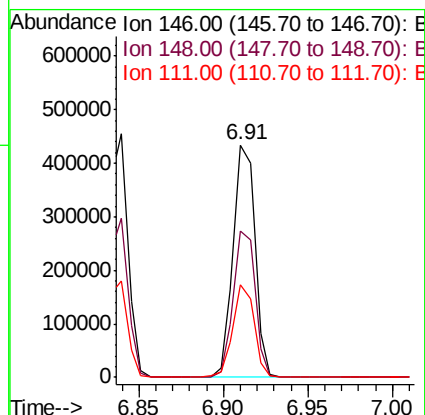
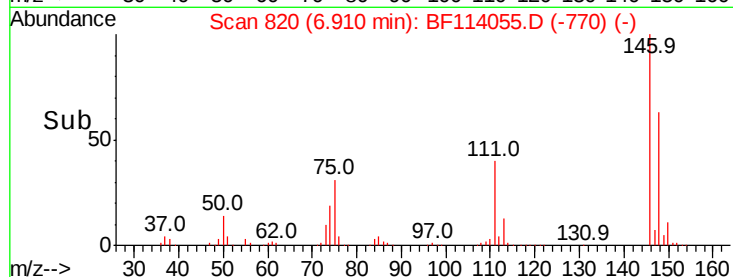
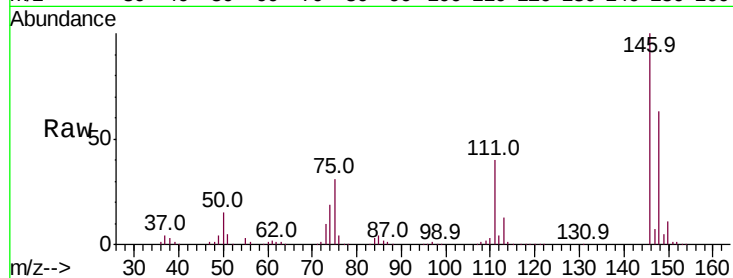
Tot Ion:146 Resp: 391462

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

111 40.0 30.9 46.3



#14

1,2-Dichlorobenzene

Concen: 35.893 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

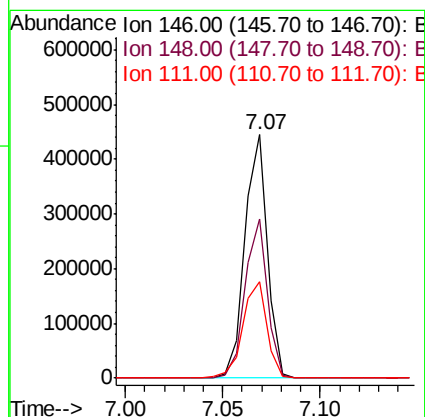
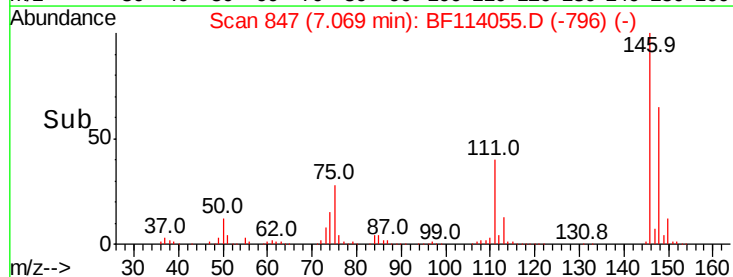
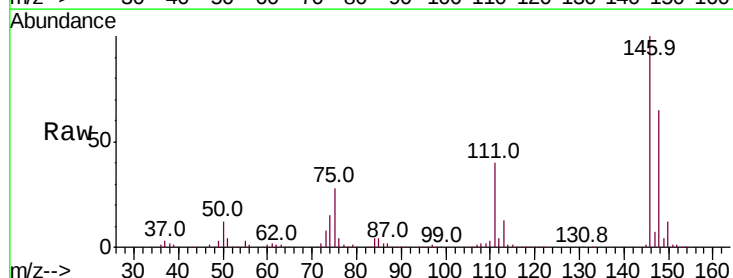
Tgt Ion:146 Resp: 355744

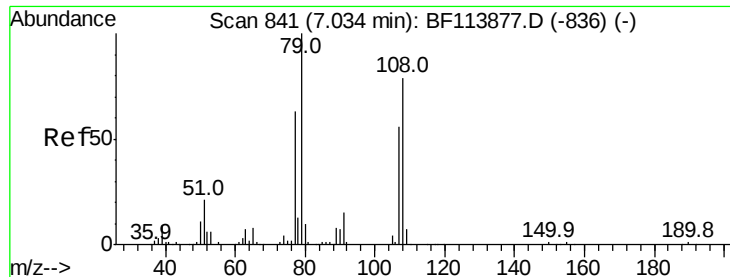
Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

111 39.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 40.853 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

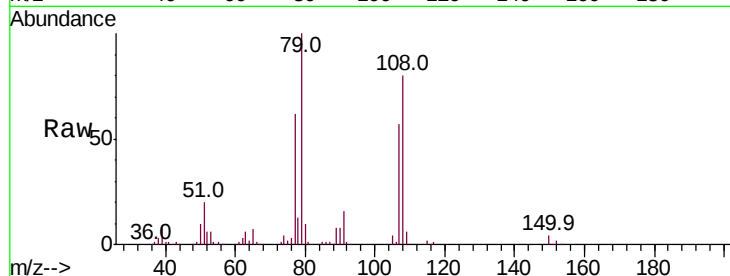
Tot Ion: 79 Resp: 286245

Ion Ratio Lower Upper

79 100

108 80.4 61.4 92.0

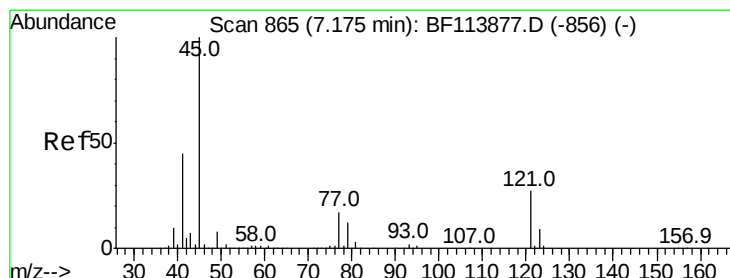
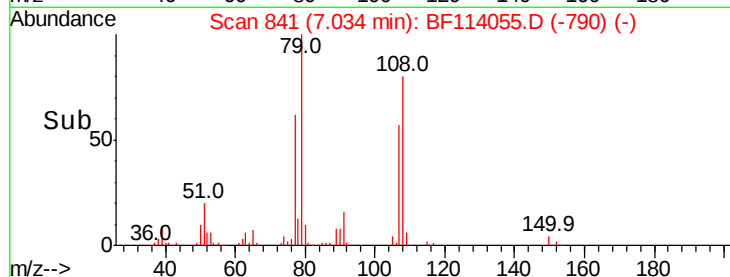
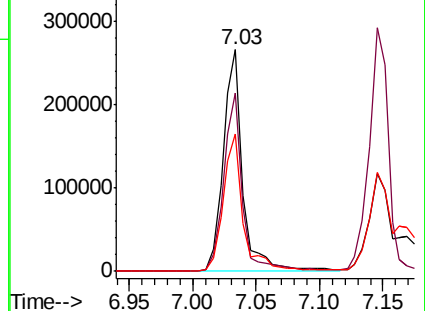
77 62.0 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.456 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

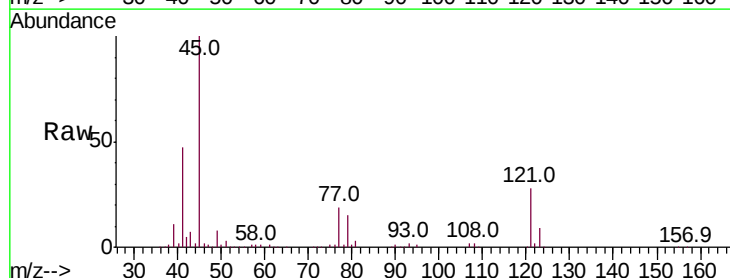
Tgt Ion: 45 Resp: 354668

Ion Ratio Lower Upper

45 100

77 18.6 0.0 37.0

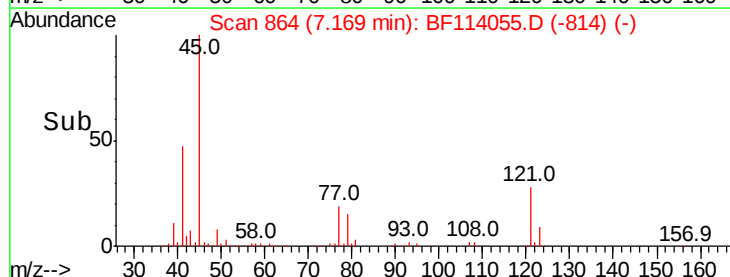
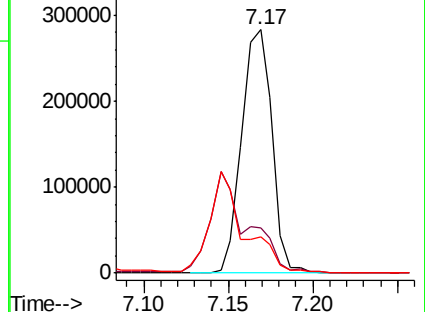
79 14.9 0.0 32.7

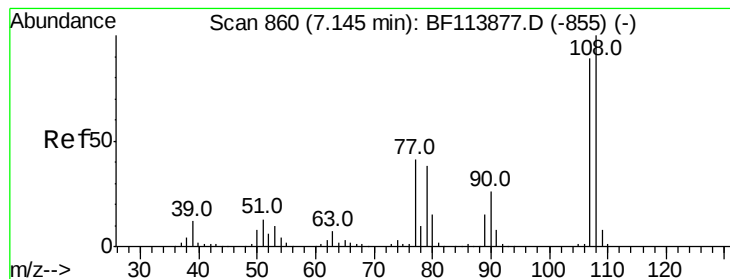


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

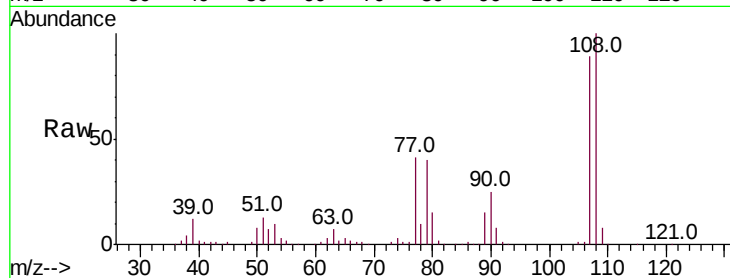




#17
2-Methylphenol
Concen: 32.540 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.5	137.3
77	45.7	36.2	54.4
79	45.2	35.4	53.0



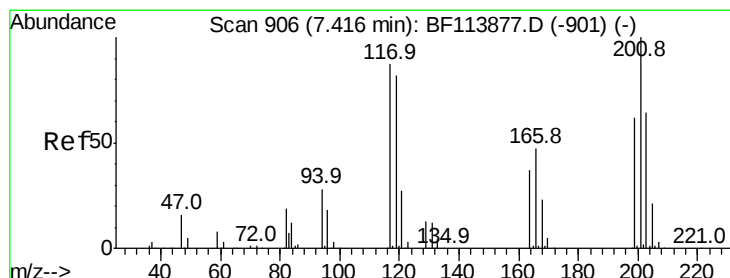
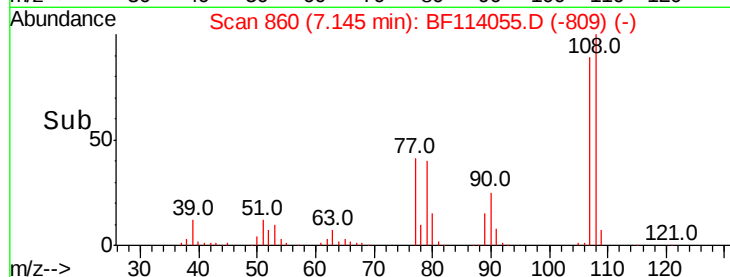
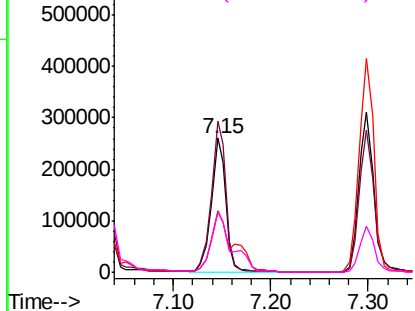
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

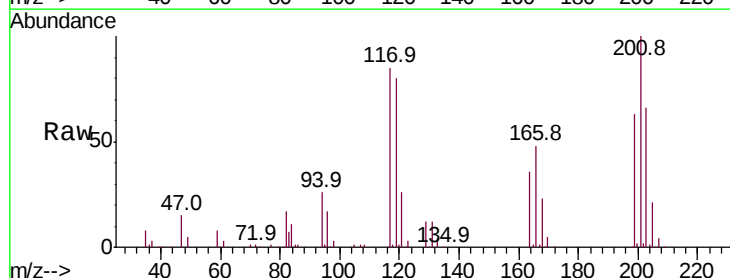
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.314 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.4	111.6
201	117.9	90.2	135.2

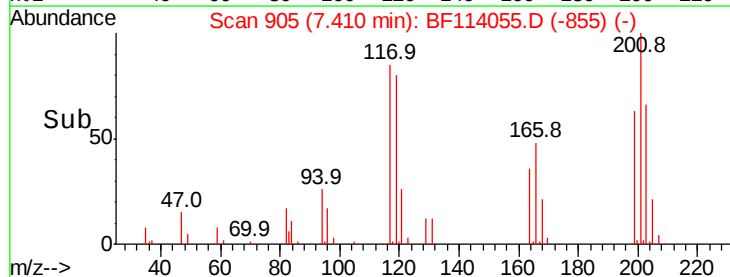
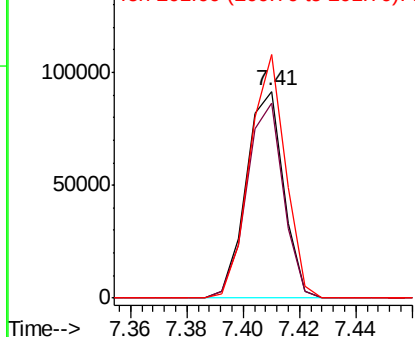


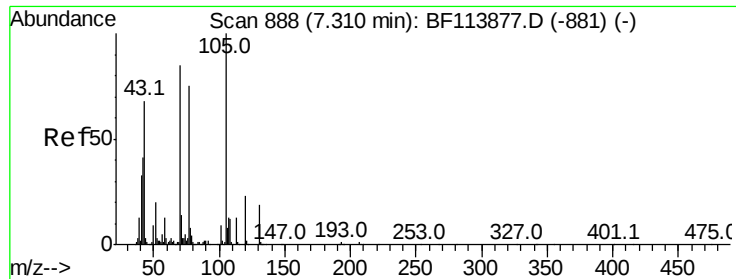
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

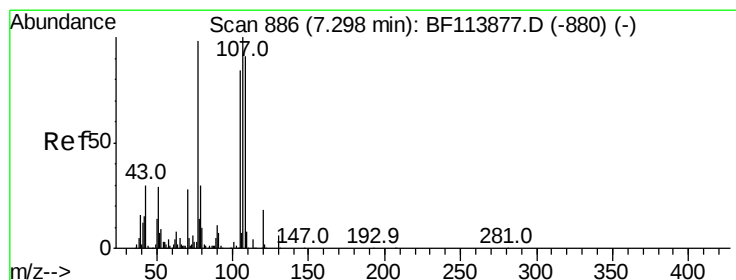
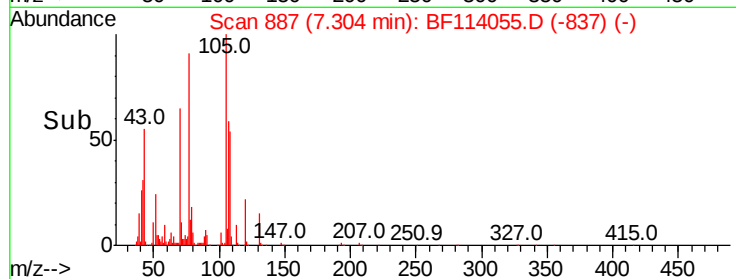
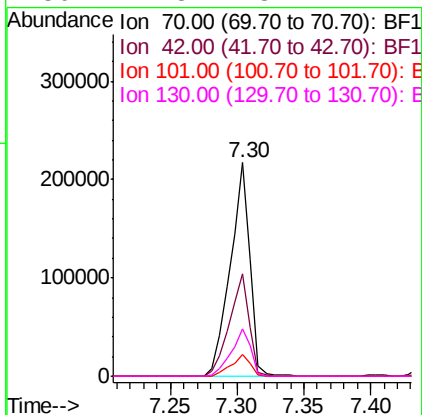
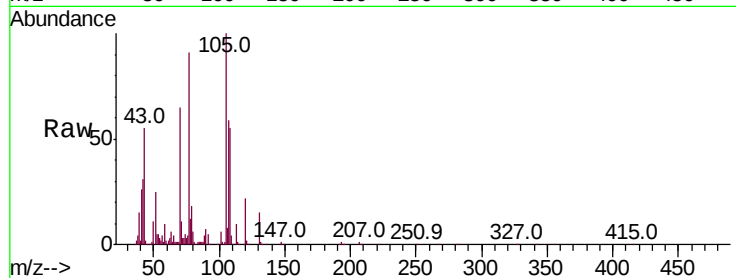




#19
n-Nitroso-di-n-propylamine
Concen: 33.505 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

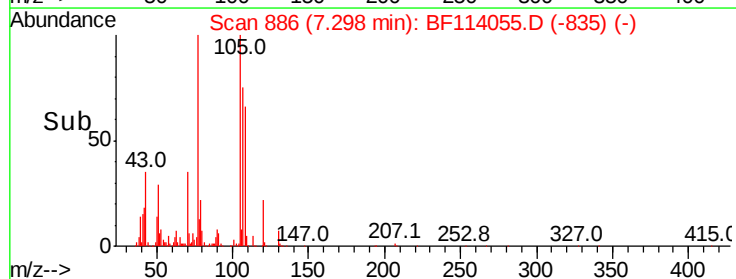
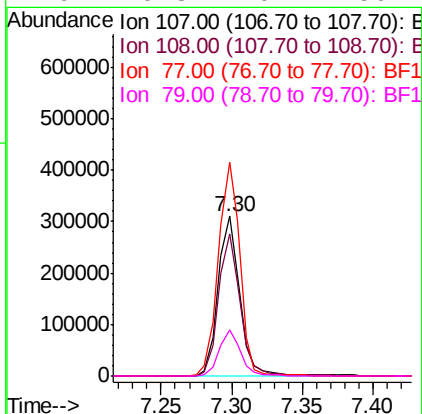
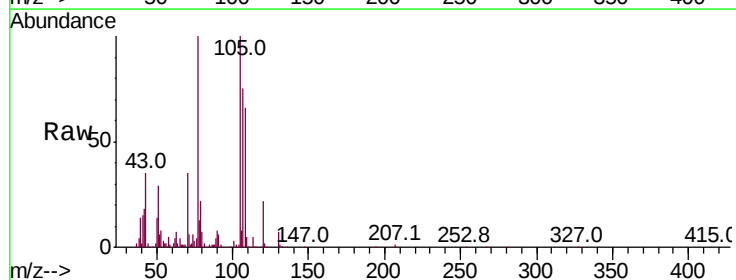
Instrument :
BNA_F
ClientSampleId :
PB119350BS

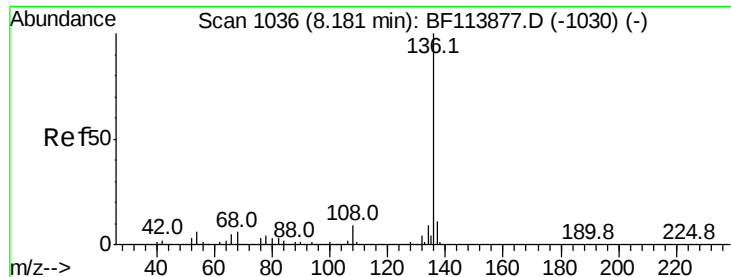
Tot Ion:	70	Resp:	225726
Ion	Ratio	Lower	Upper
70	100		
42	48.1	37.3	55.9
101	10.0	7.8	11.8
130	22.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 35.097 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:	107	Resp:	329066
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.1	110.1
77	133.9	52.9	92.9#
79	29.3	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

Tot Ion:136 Resp: 441695

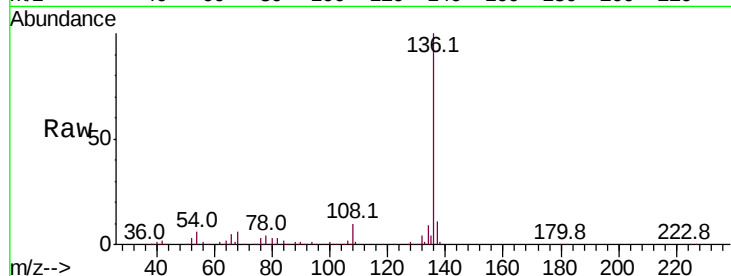
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.3 5.0 7.6

68 6.1 4.9 7.3

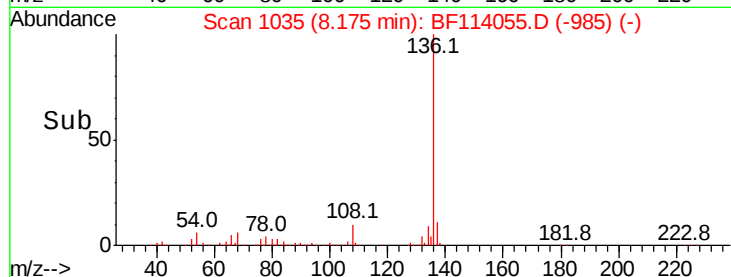


Abundance Ion 136.00 (135.70 to 136.70): E

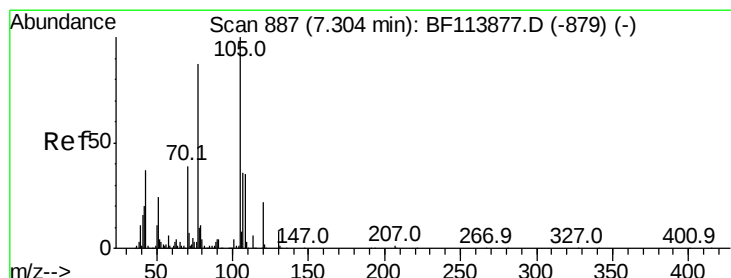
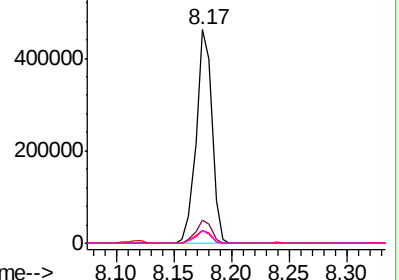
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 45.178 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Tgt Ion:105 Resp: 444066

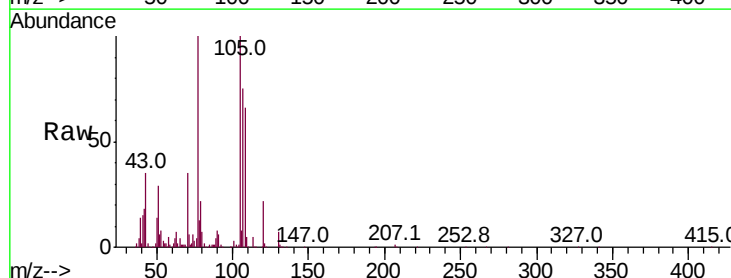
Ion Ratio Lower Upper

105 100

71 5.8 6.1 9.1#

51 28.8 16.8 25.2#

120 22.2 17.6 26.4

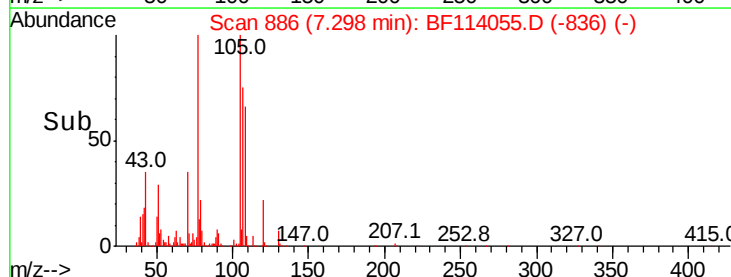


Abundance Ion 105.00 (104.70 to 105.70): E

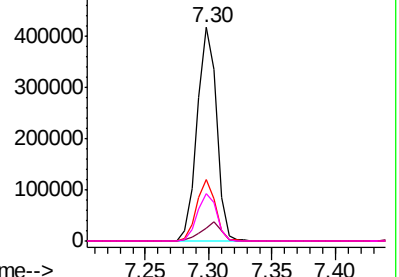
Ion 71.00 (70.70 to 71.70): BF1

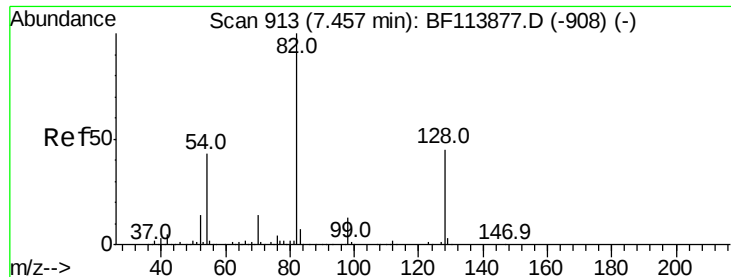
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 87.566 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

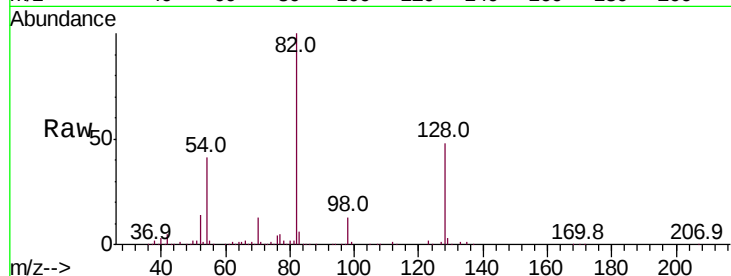
Tot Ion: 82 Resp: 626416

Ion Ratio Lower Upper

82 100

128 47.8 36.8 55.2

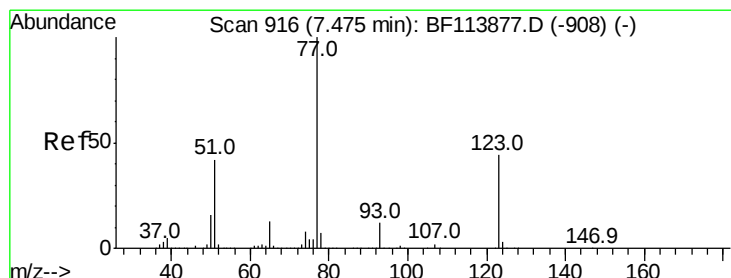
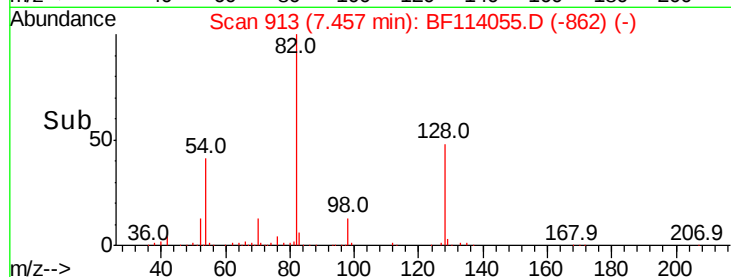
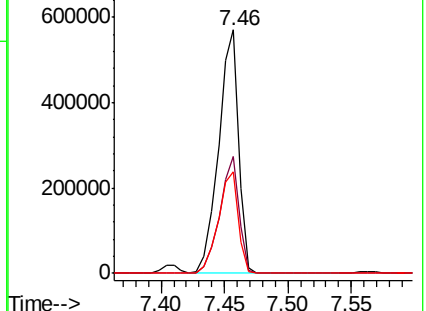
54 41.5 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.944 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

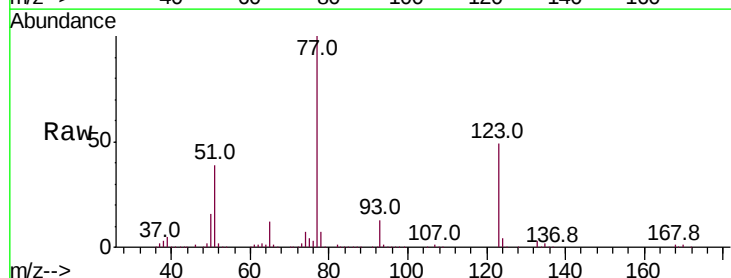
Tgt Ion: 77 Resp: 323642

Ion Ratio Lower Upper

77 100

123 49.0 36.3 54.5

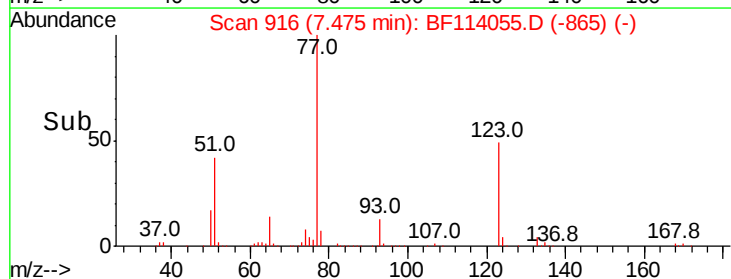
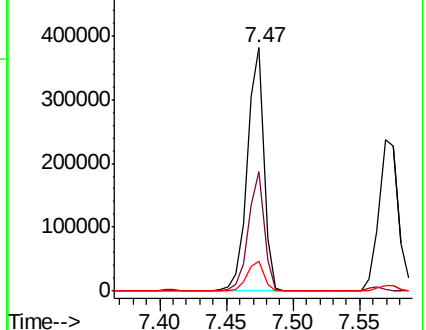
65 12.5 10.3 15.5

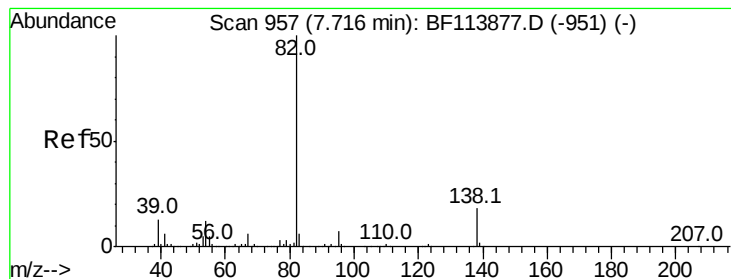


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.449 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

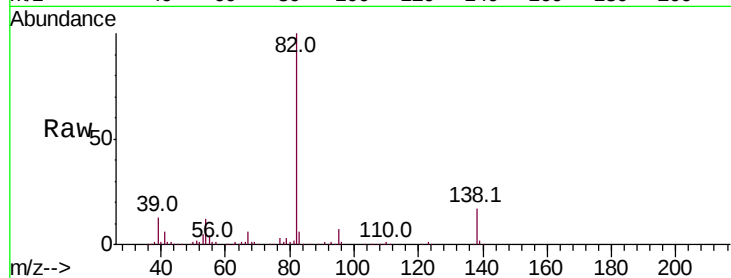
Tot Ion: 82 Resp: 562805

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

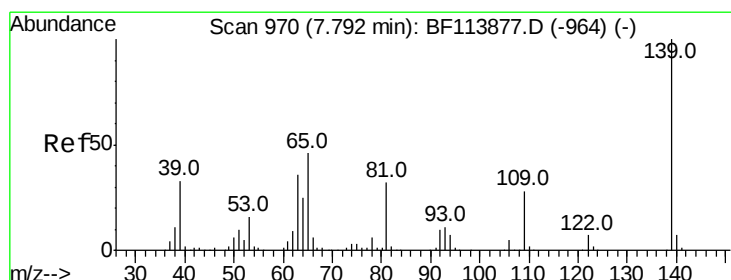
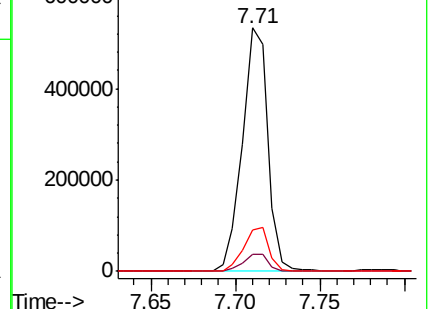
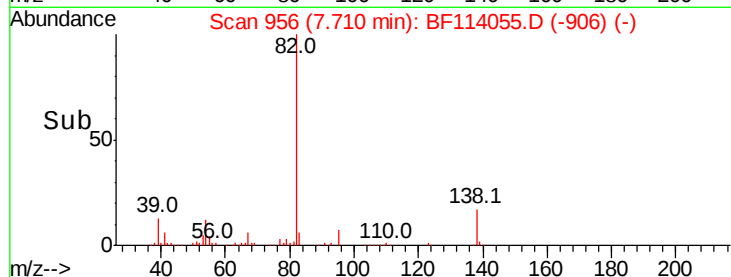
138 17.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.357 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

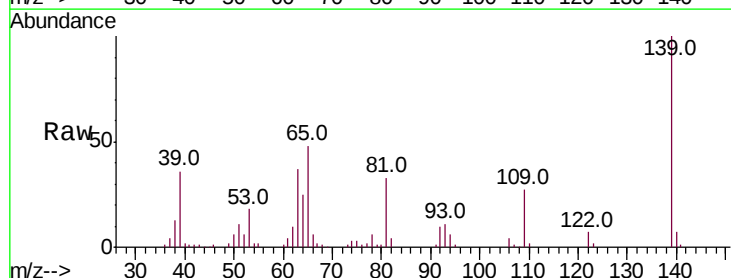
Tgt Ion: 139 Resp: 109468

Ion Ratio Lower Upper

139 100

109 27.0 20.6 31.0

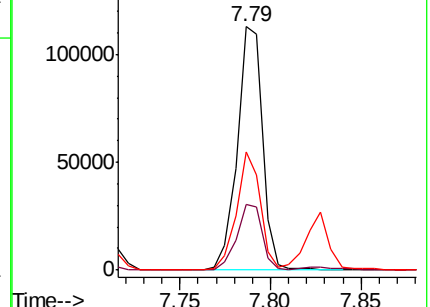
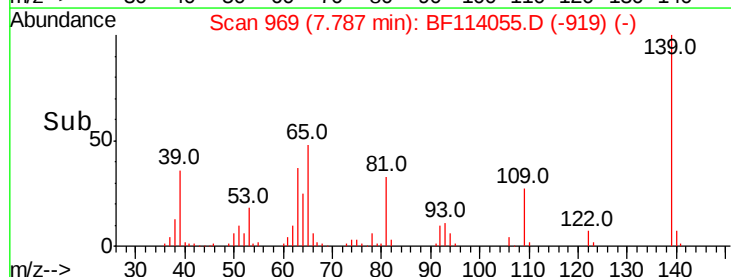
65 48.4 34.6 52.0

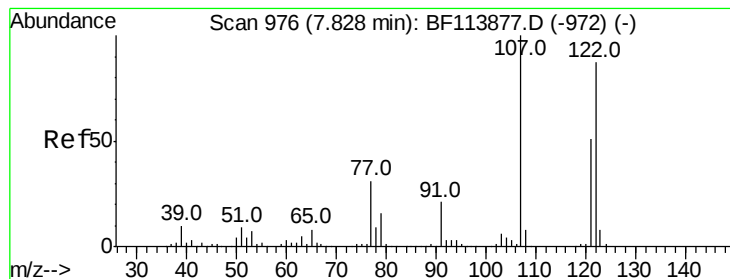


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.457 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

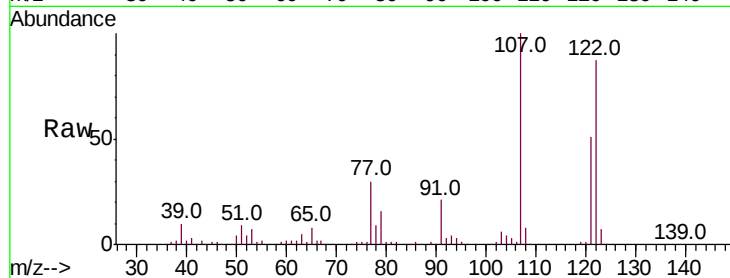
Tot Ion:122 Resp: 255323

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

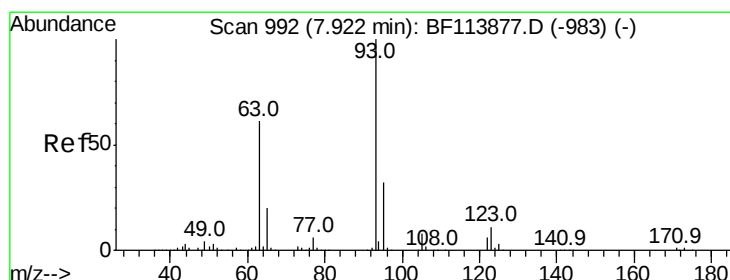
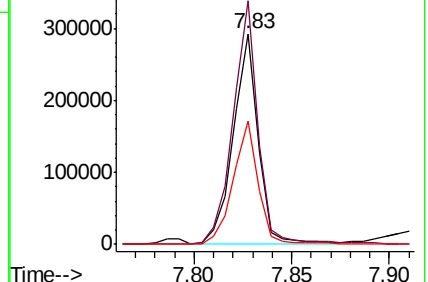
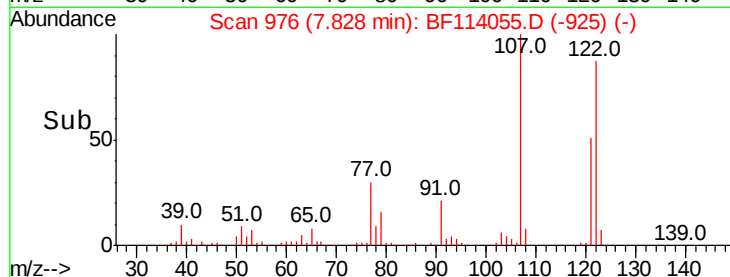
121 58.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.749 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

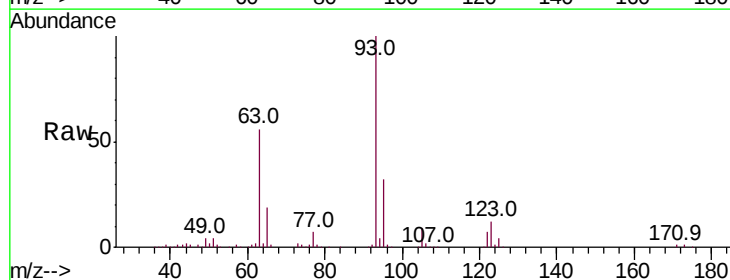
Tgt Ion: 93 Resp: 361427

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

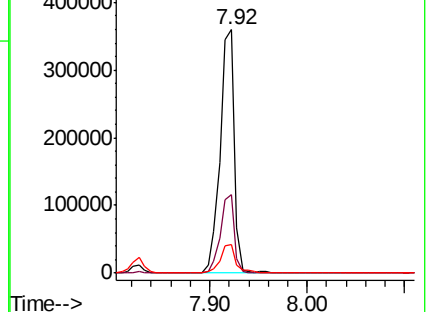
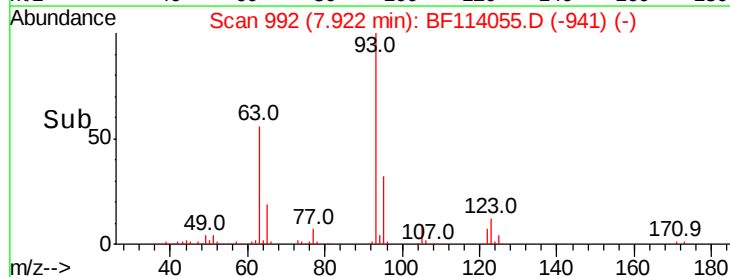
123 11.7 9.0 13.6

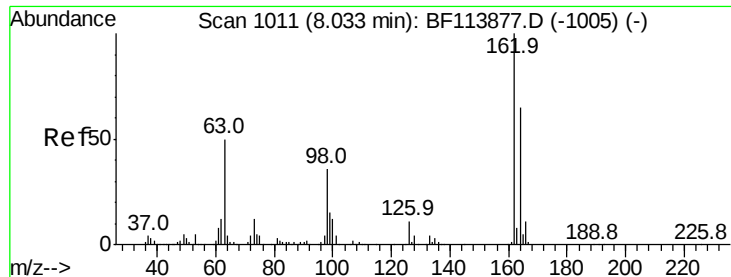


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

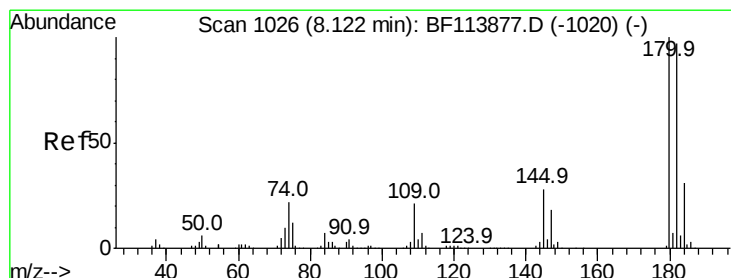
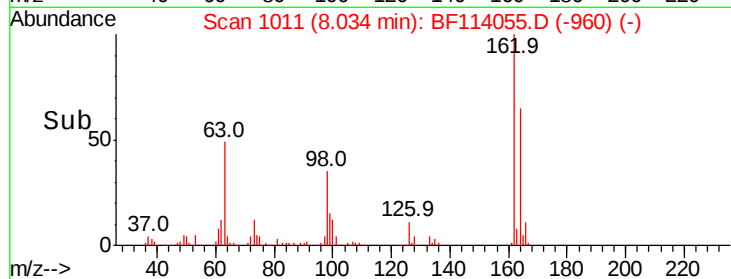
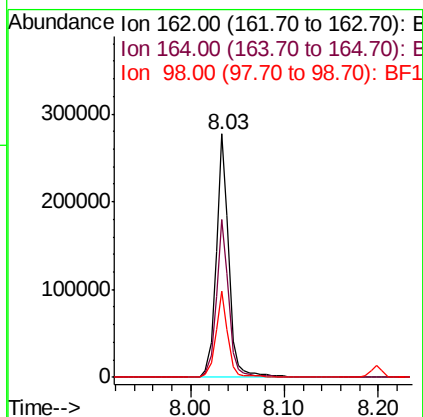
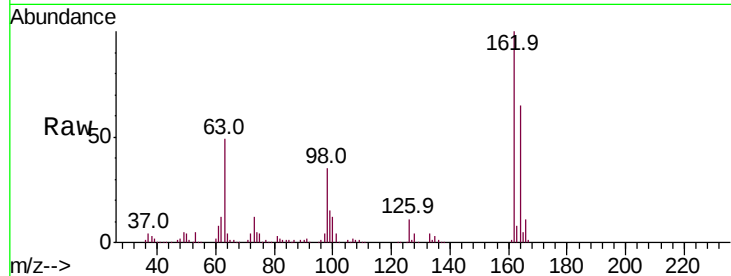




#29
 2,4-Dichlorophenol
 Concen: 38.884 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

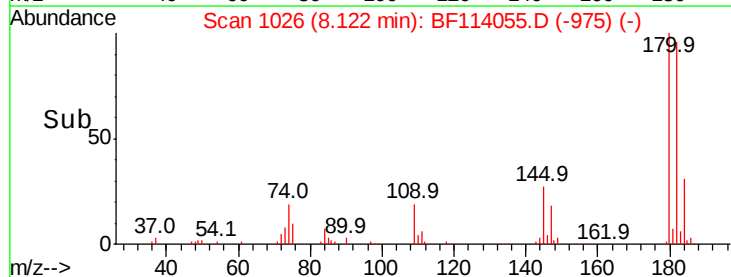
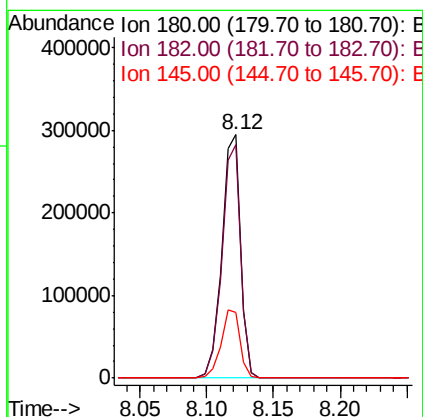
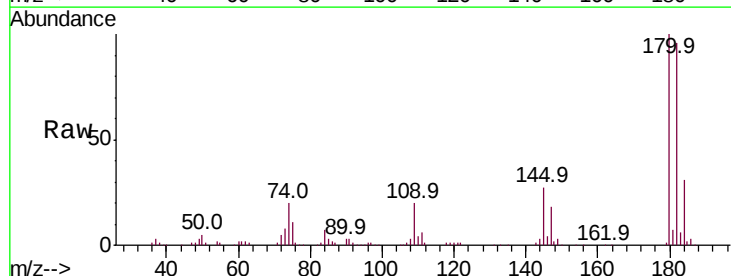
Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

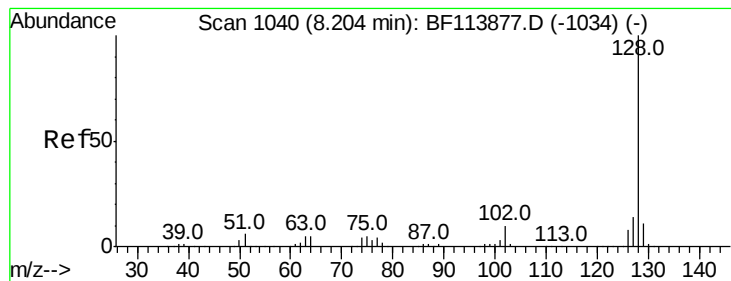
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	35.2	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.078 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	27.2	23.0	34.4





#31

Naphthalene

Concen: 39.697 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

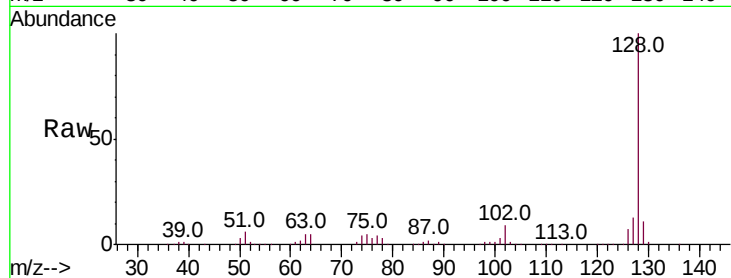
Tot Ion:128 Resp: 832965

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

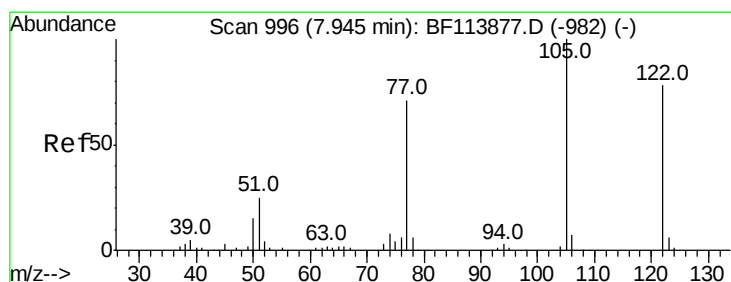
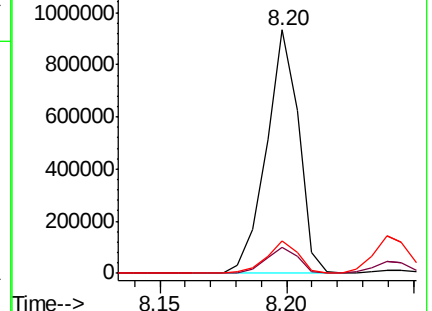
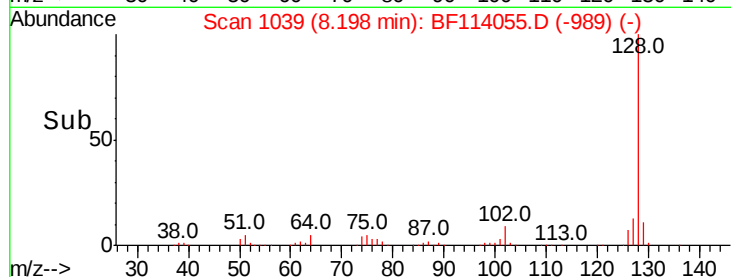
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.419 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

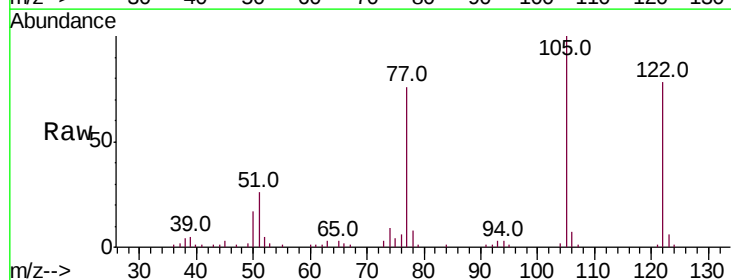
Tgt Ion:122 Resp: 104822

Ion Ratio Lower Upper

122 100

105 127.8 104.3 144.3

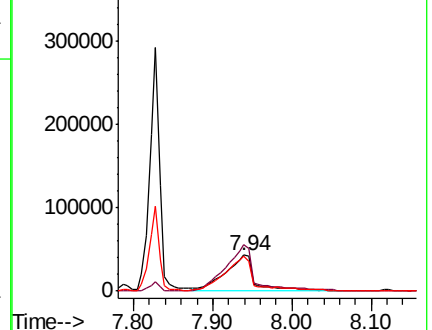
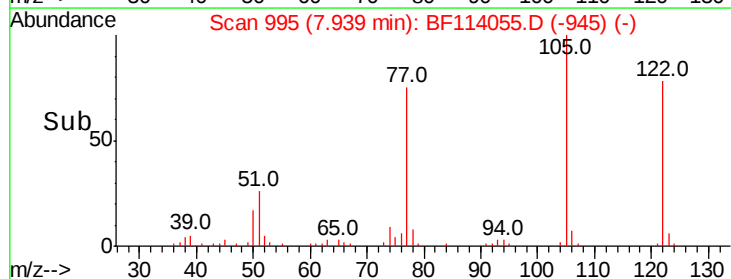
77 97.2 70.4 110.4

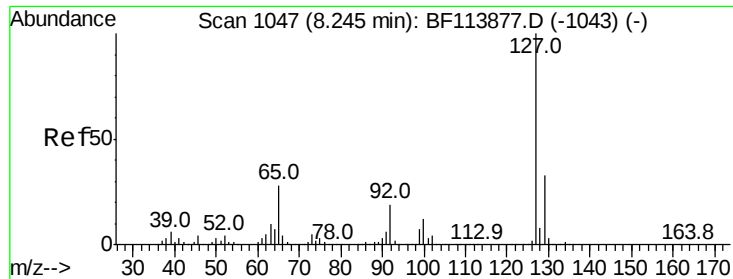


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

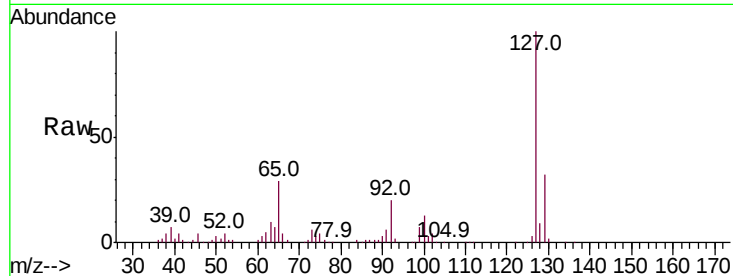




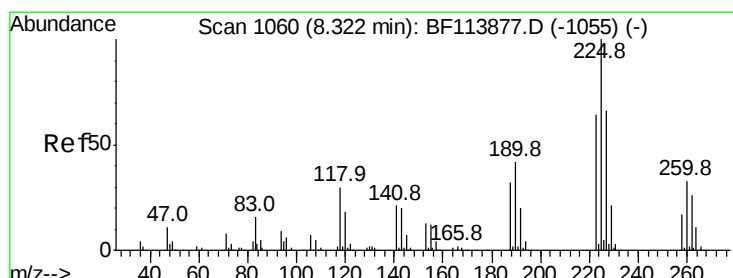
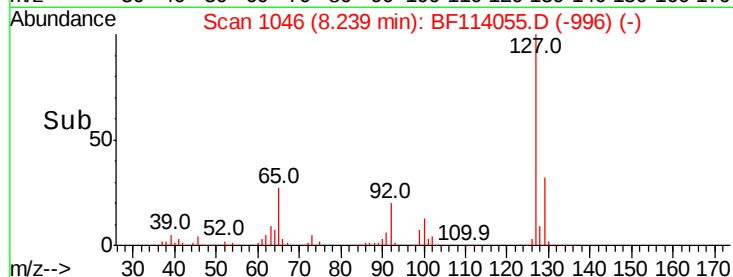
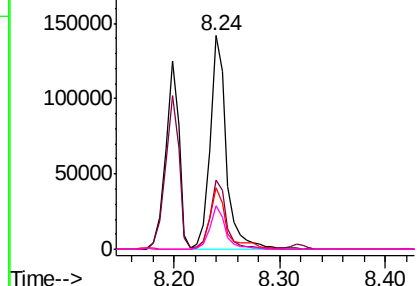
#33
4-Chloroaniline
Concen: 17.334 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:	127	Resp:	153904
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	28.6	24.9	37.3
92	20.1	15.9	23.9

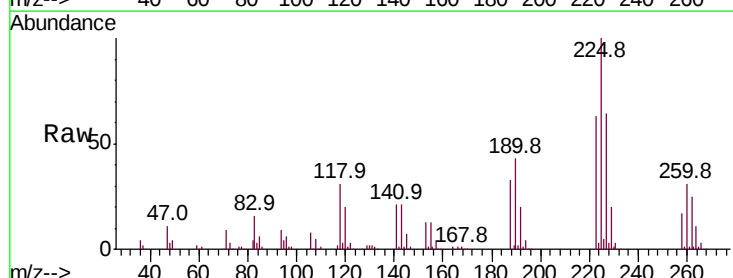


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

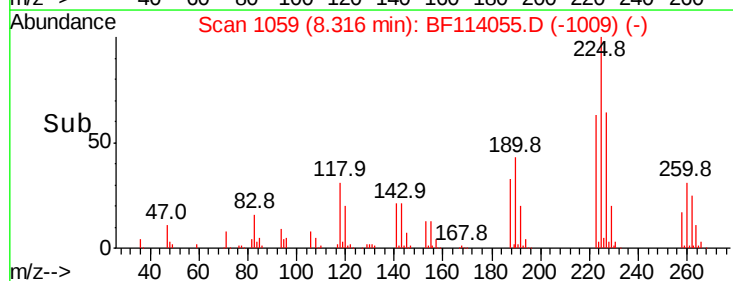
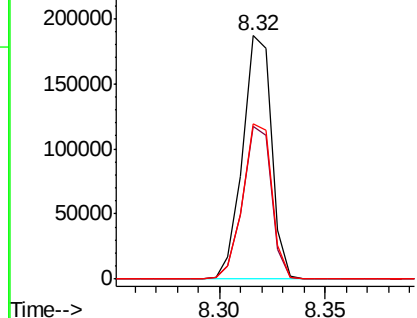


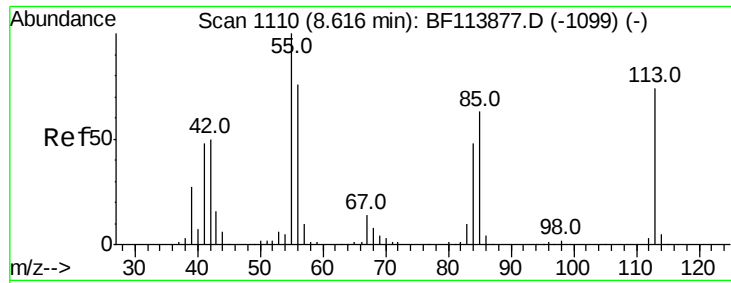
#34
Hexachlorobutadiene
Concen: 38.001 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:	225	Resp:	177463
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.7	49.9	74.9



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

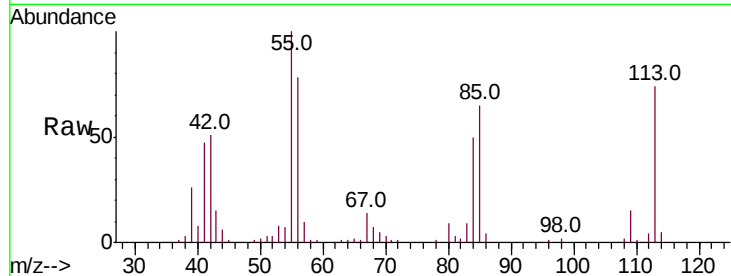




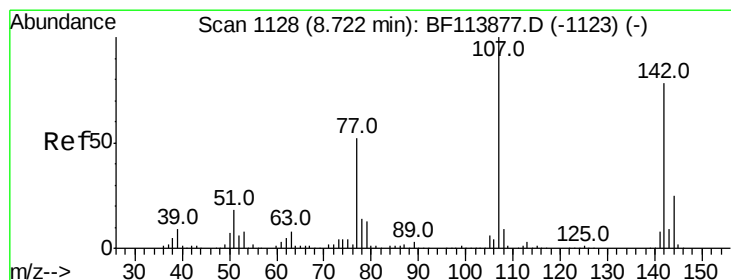
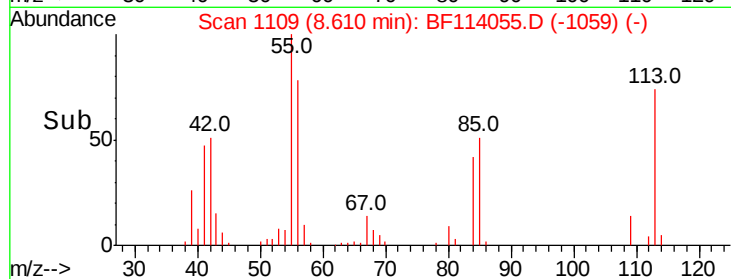
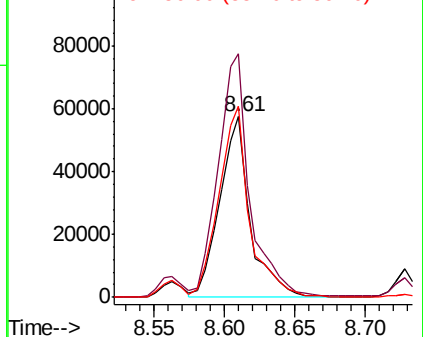
#35
 Caprolactam
 Concen: 40.383 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion:113 Resp: 86308
 Ion Ratio Lower Upper
 113 100
 55 134.8 128.6 168.6
 56 105.6 91.9 131.9

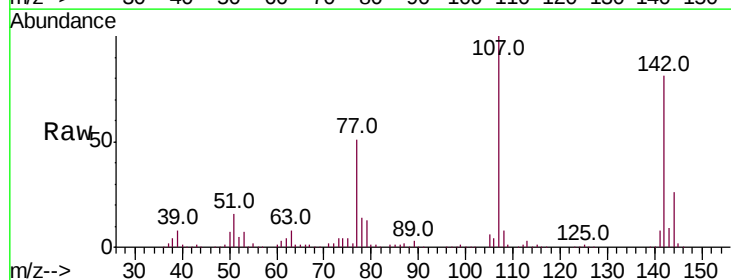


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

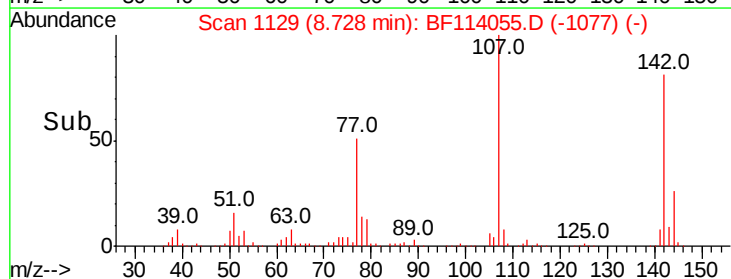
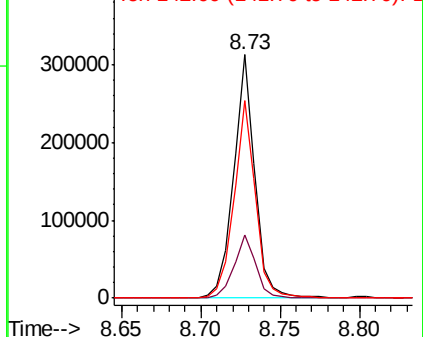


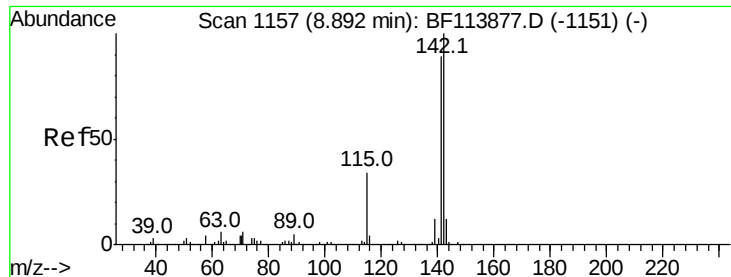
#36
 4-Chloro-3-methylphenol
 Concen: 43.807 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:107 Resp: 291588
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.1 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

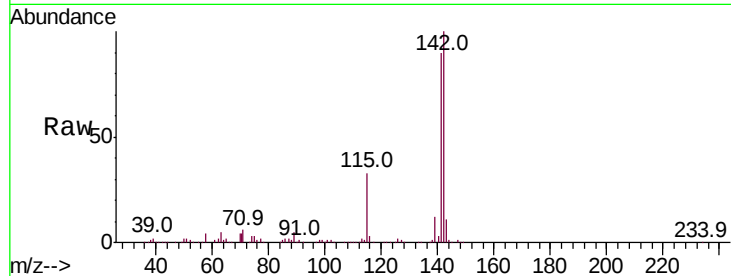




#37
2-Methylnaphthalene
Concen: 47.449 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	32.7	26.3	39.5

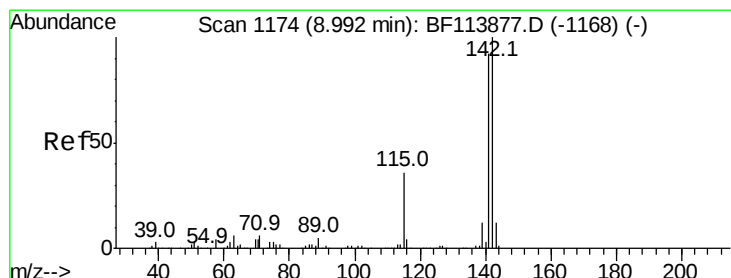
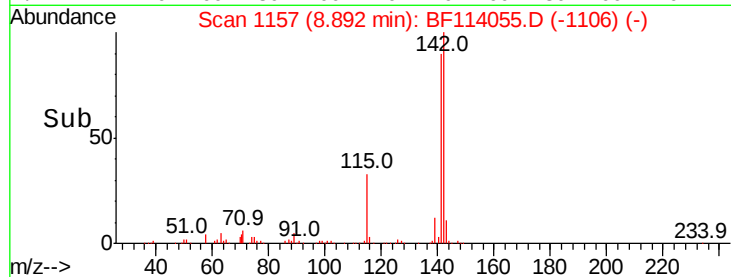
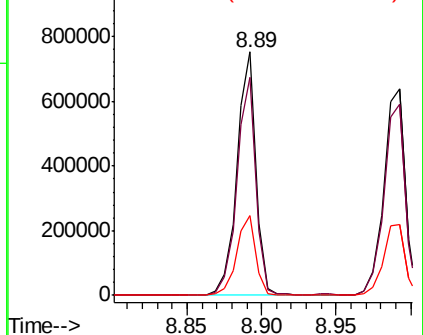


Abundance

Ion 142.00 (141.70 to 142.70): E

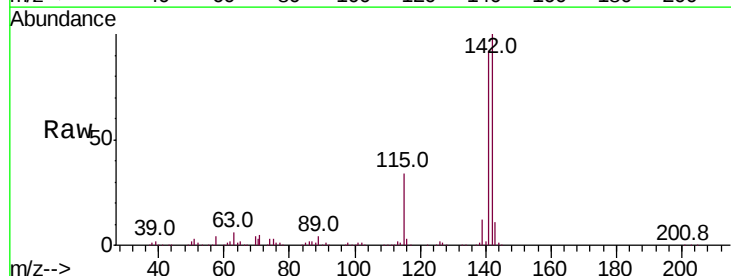
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.539 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	3.4	3.0	4.4

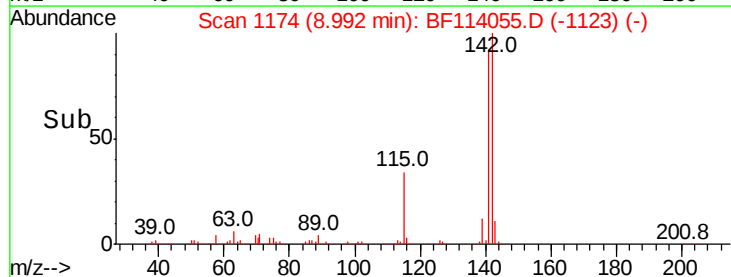
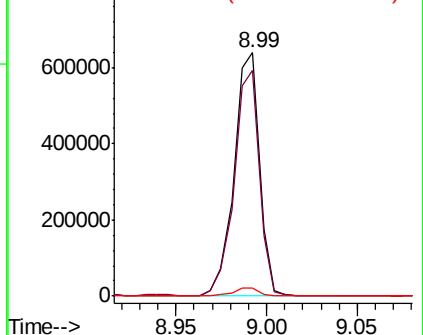


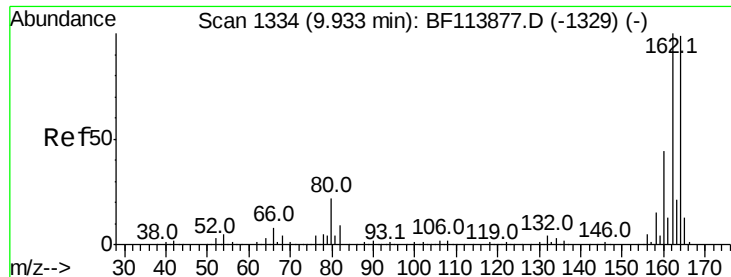
Abundance

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

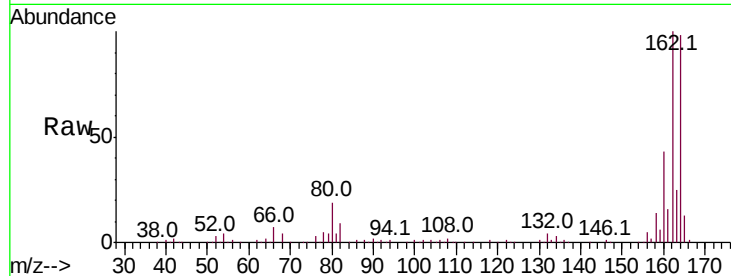




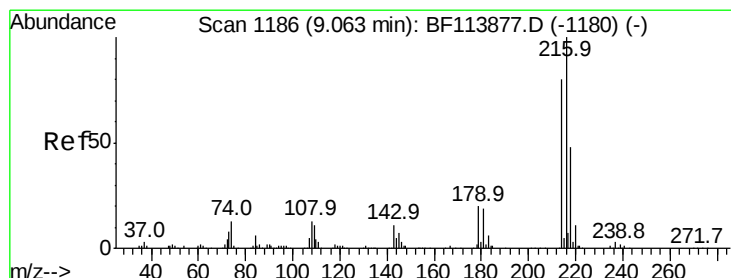
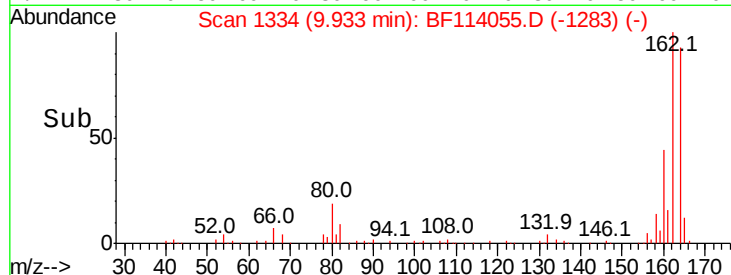
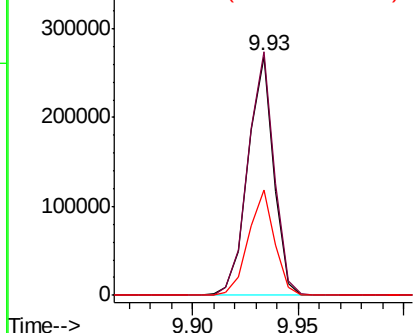
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:164 Resp: 227980
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 44.3 35.8 53.6

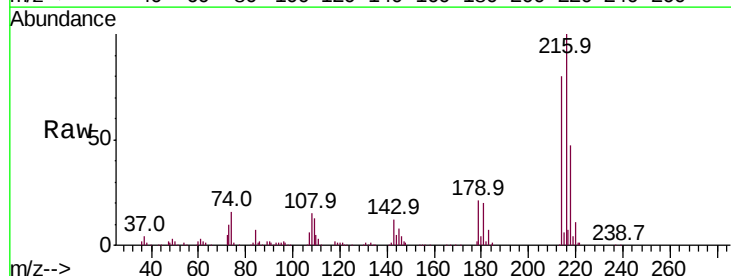


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

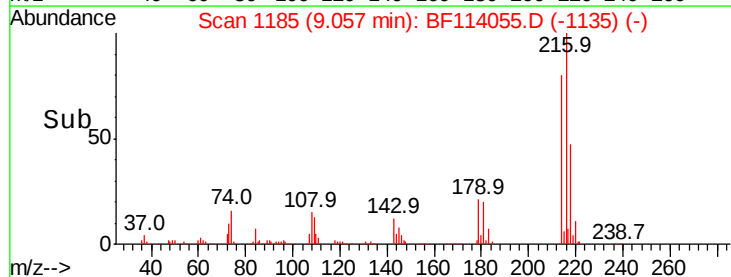
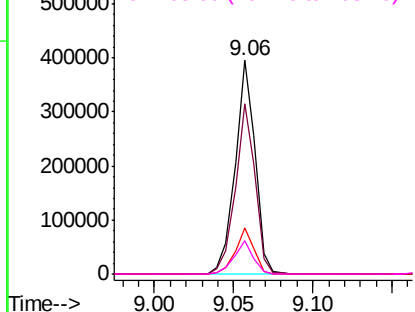


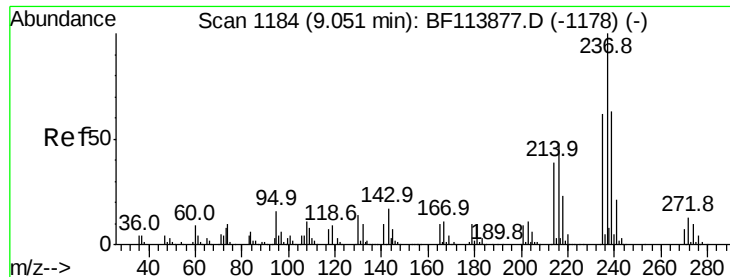
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.377 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:216 Resp: 343448
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 20.3 16.1 24.1
108 15.1 13.4 20.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.762 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

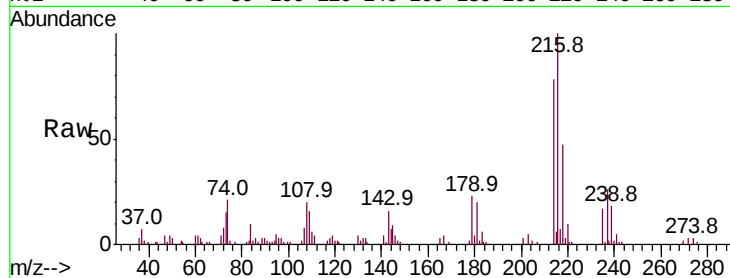
Tot Ion:237 Resp: 15534

Ion Ratio Lower Upper

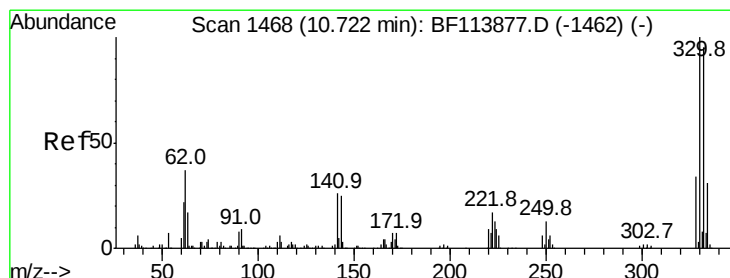
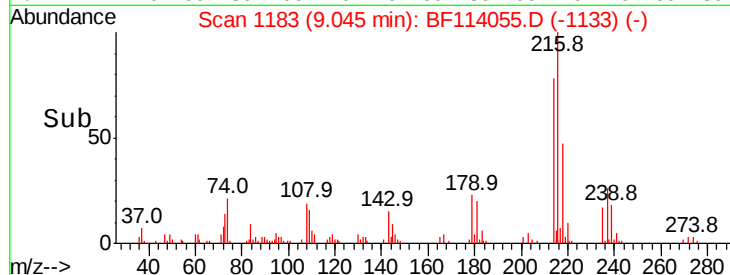
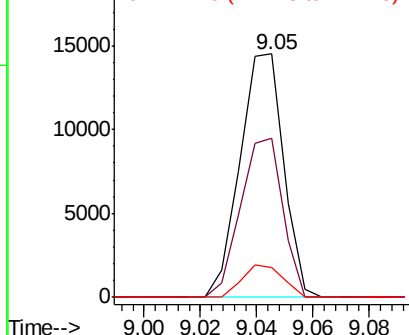
237 100

235 65.4 42.6 82.6

272 12.4 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 104.885 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

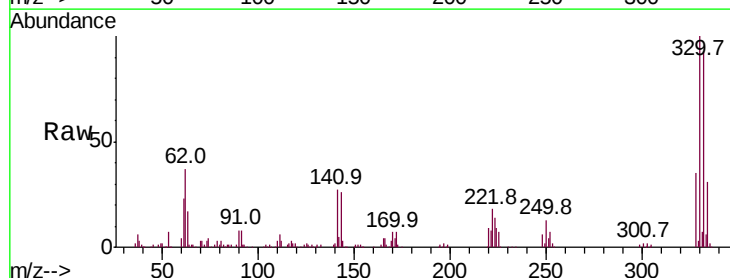
Tgt Ion:330 Resp: 291294

Ion Ratio Lower Upper

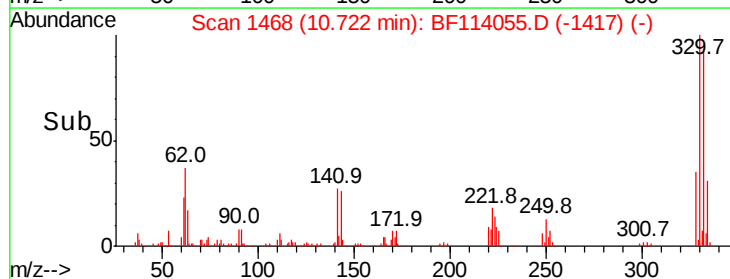
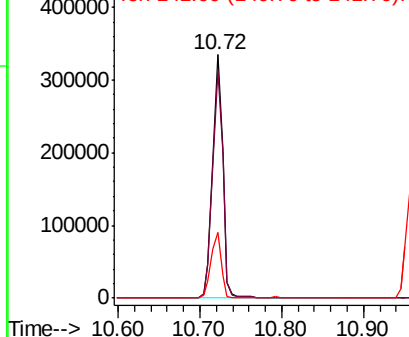
330 100

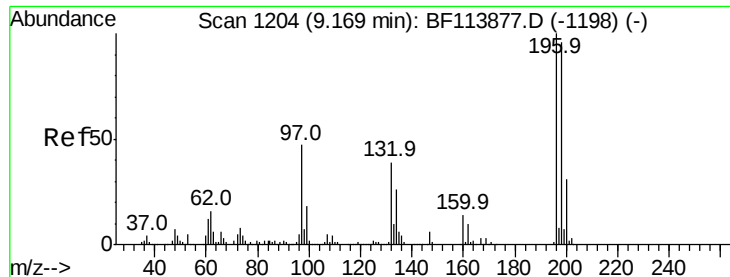
332 95.5 77.5 116.3

141 26.9 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

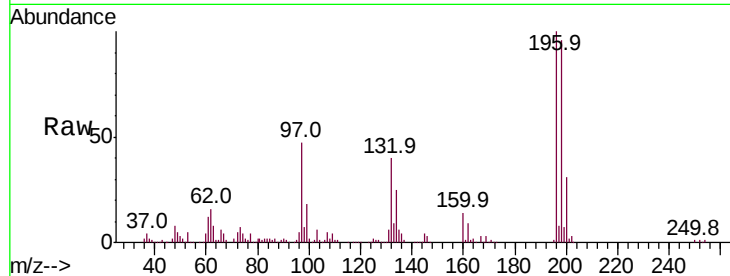




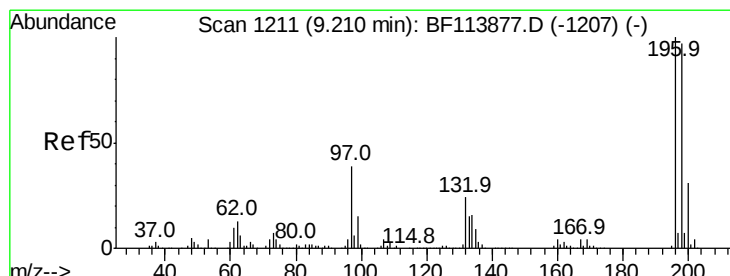
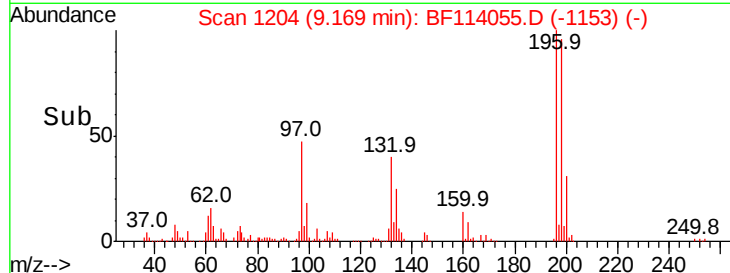
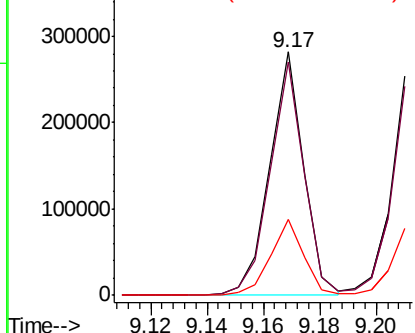
#43
 2,4,6-Trichlorophenol
 Concen: 49.985 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion:	196	Resp:	235051
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.6	113.4
200	31.2	24.7	37.1

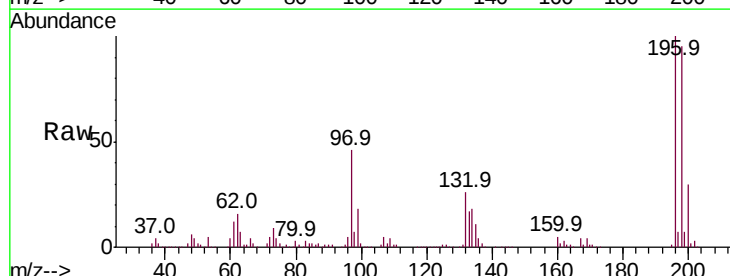


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

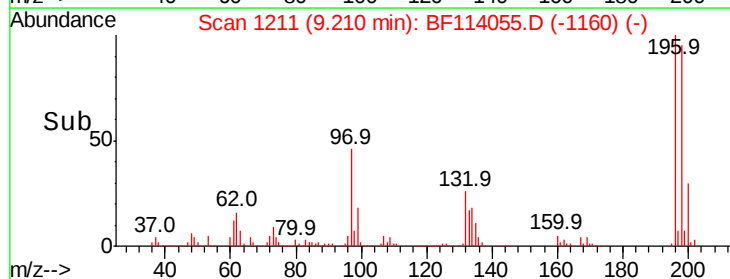
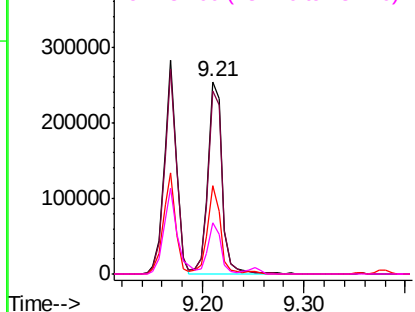


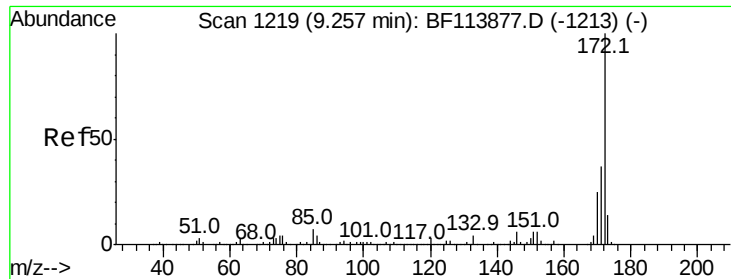
#44
 2,4,5-Trichlorophenol
 Concen: 47.096 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:	196	Resp:	248408
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	46.1	35.8	53.8
132	26.4	20.9	31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

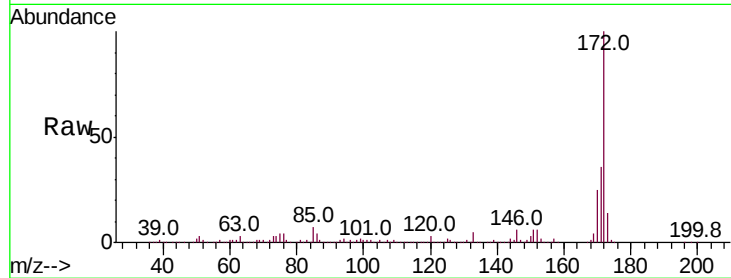




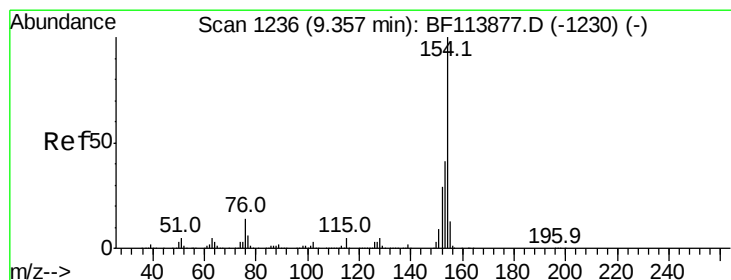
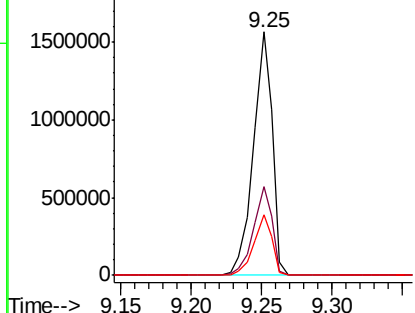
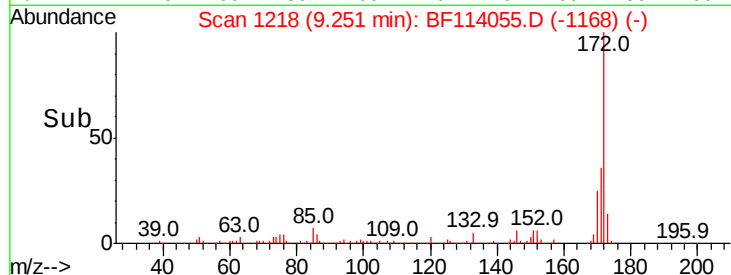
#45
2-Fluorobiphenyl
Concen: 101.441 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:172 Resp: 1478660
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.7 19.9 29.9

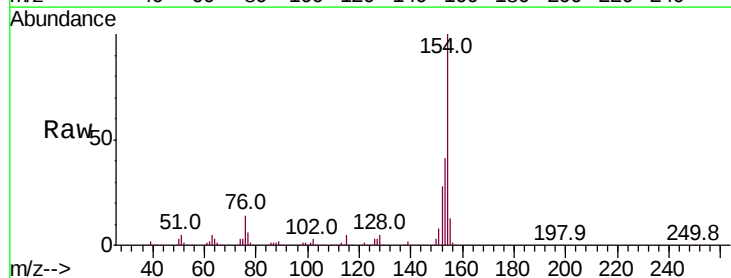


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

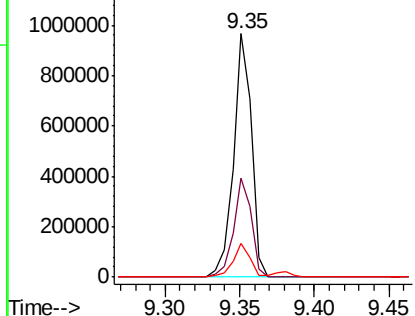
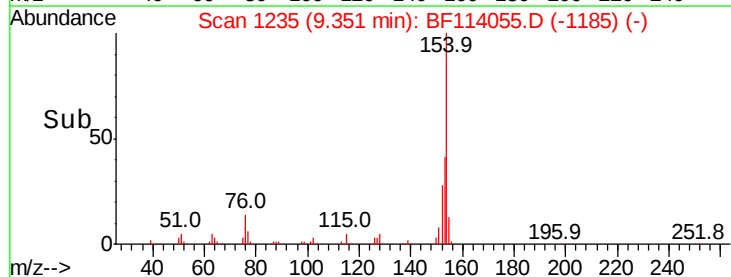


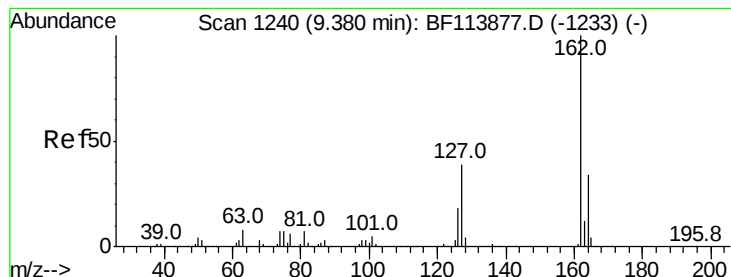
#46
1,1'-Biphenyl
Concen: 47.200 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:154 Resp: 822027
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 13.9 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: 44.356 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

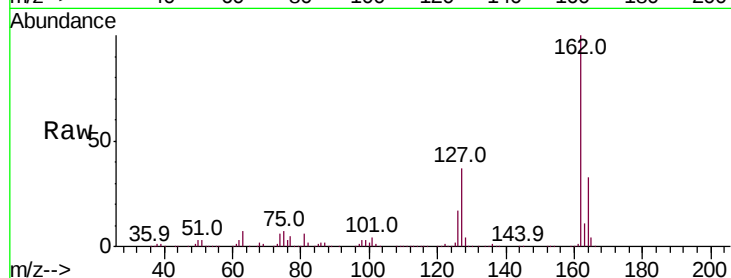
Tot Ion:162 Resp: 628216

Ion Ratio Lower Upper

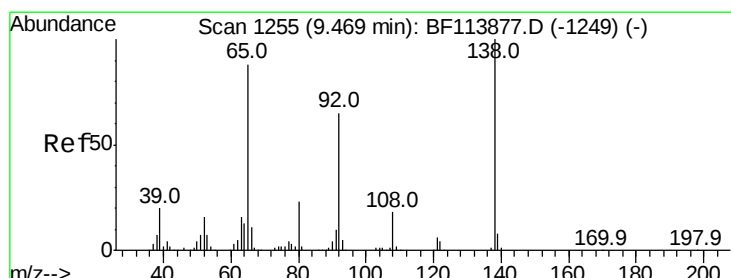
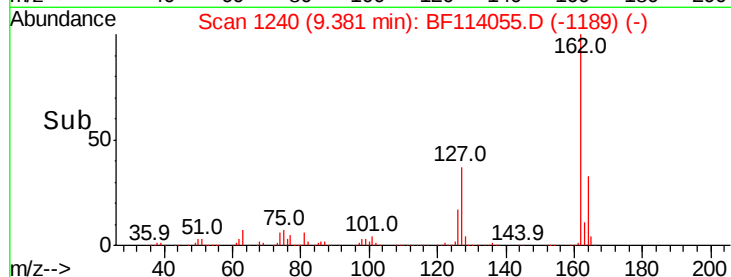
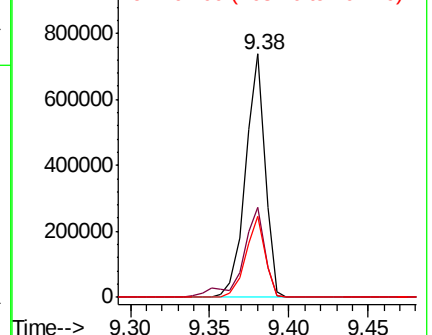
162 100

127 37.0 29.3 43.9

164 33.2 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: 50.481 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

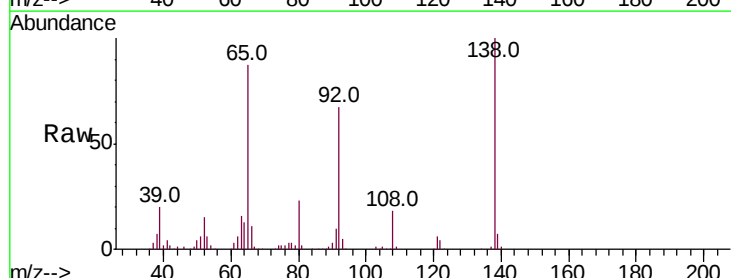
Tgt Ion: 65 Resp: 187425

Ion Ratio Lower Upper

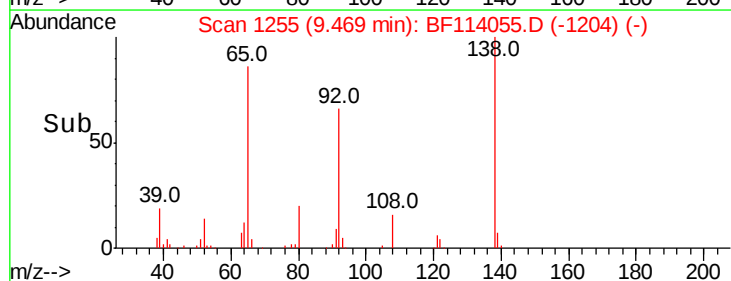
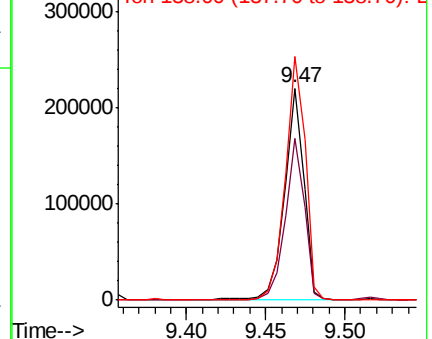
65 100

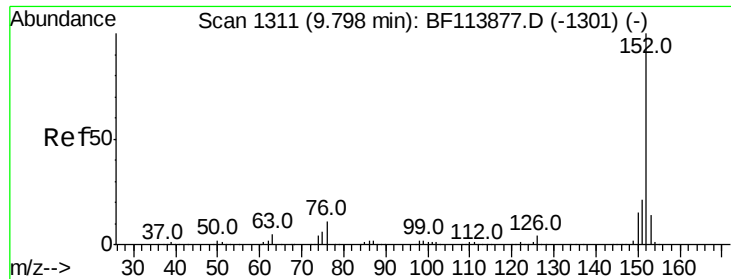
92 76.6 57.4 86.0

138 115.0 85.4 128.0



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





#49

Acenaphthylene

Concen: 39.088 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

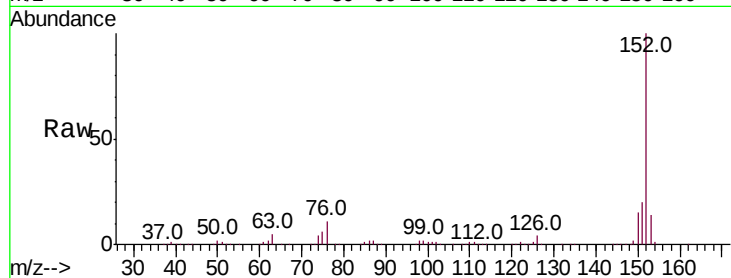
Tot Ion:152 Resp: 866679

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

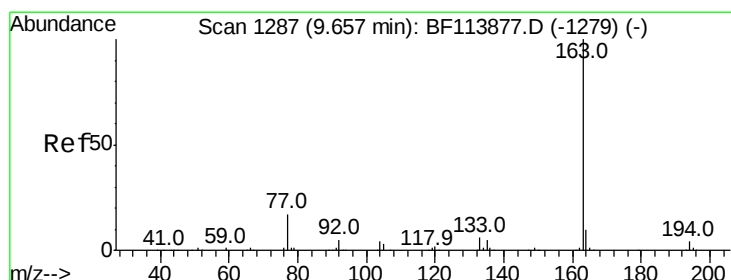
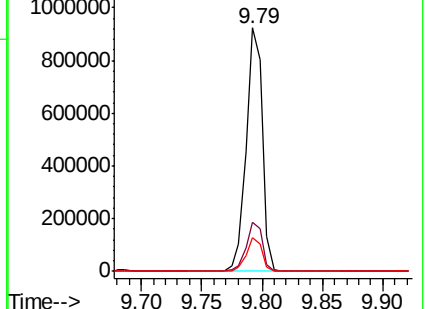
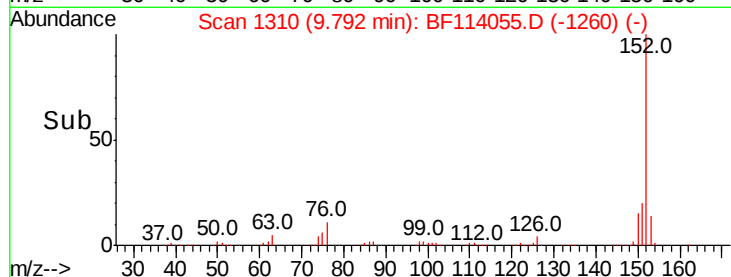
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.602 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

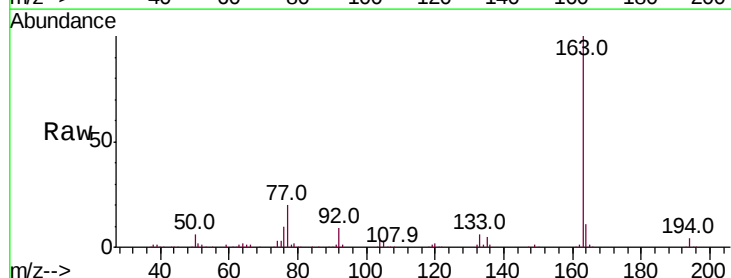
Tgt Ion:163 Resp: 718898

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

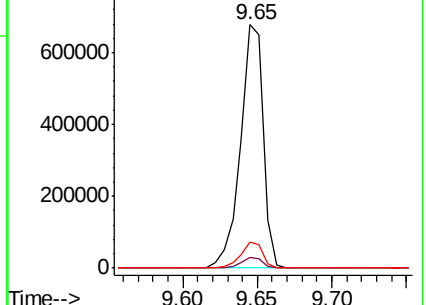
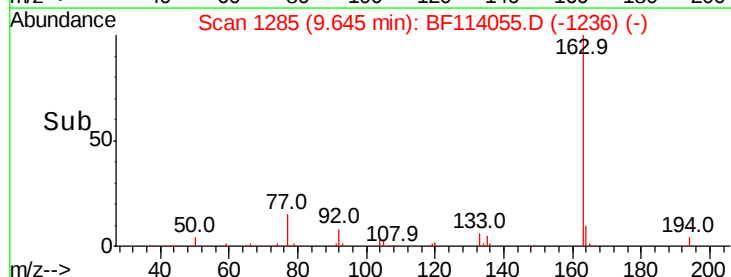
164 10.5 8.5 12.7

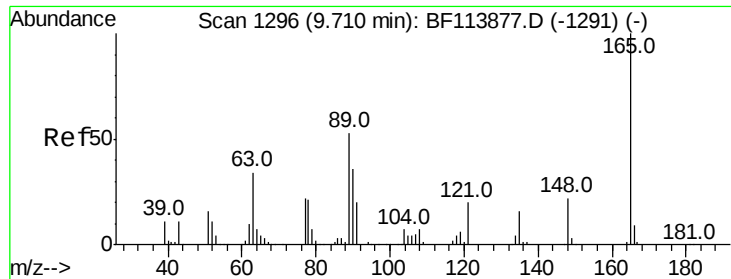


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

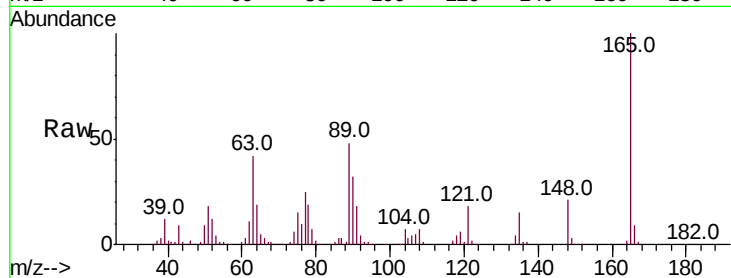




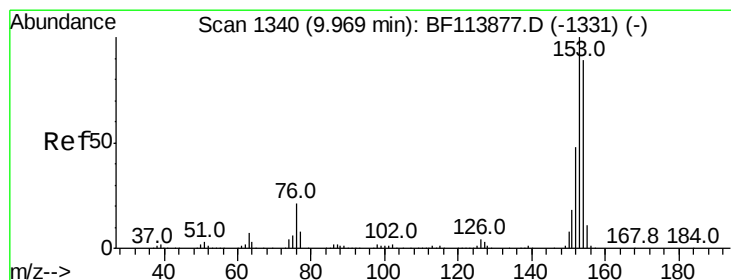
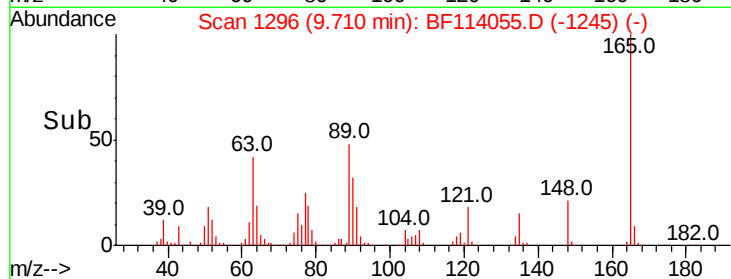
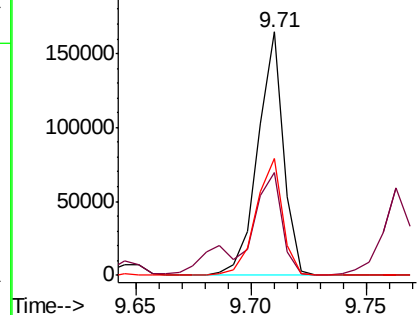
#51
 2,6-Dinitrotoluene
 Concen: 36.241 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.8	50.8
89	48.1	38.2	57.2

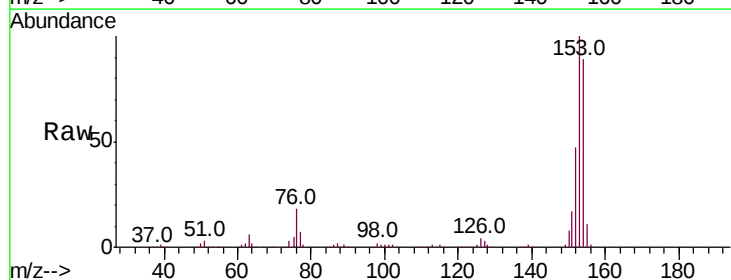


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

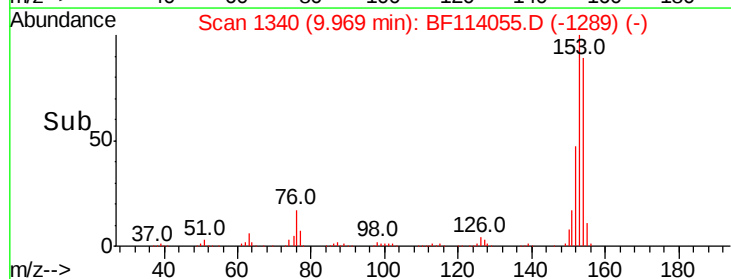
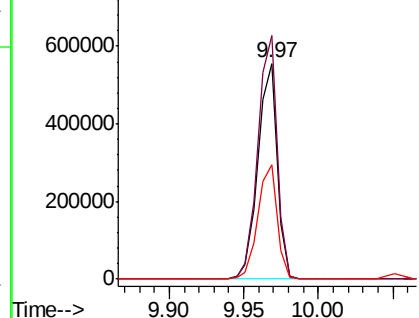


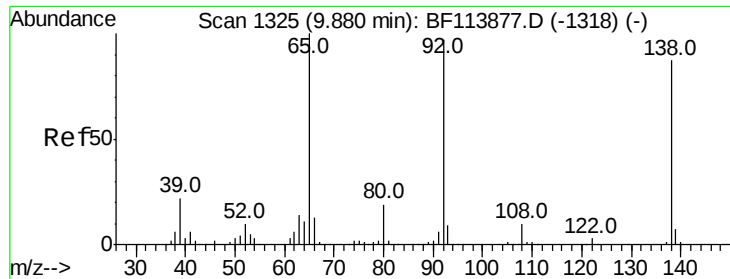
#52
 Acenaphthene
 Concen: 37.660 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.2	130.8
152	53.0	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

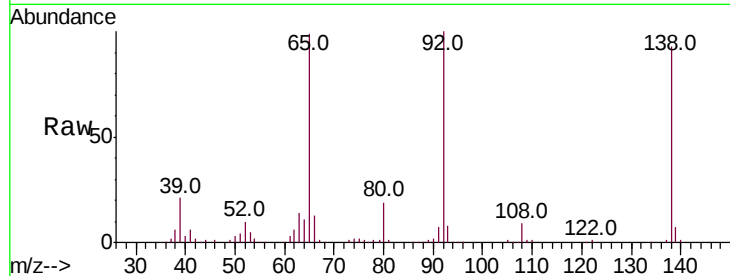




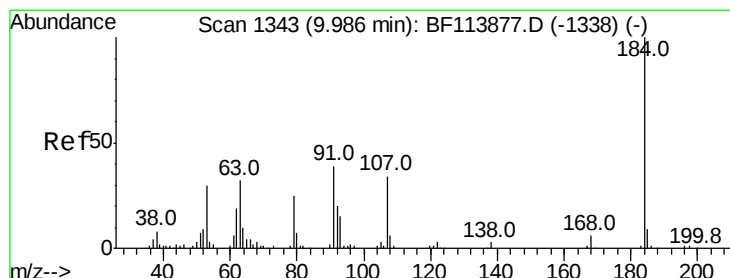
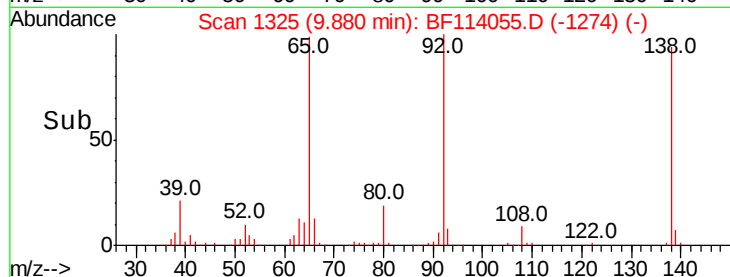
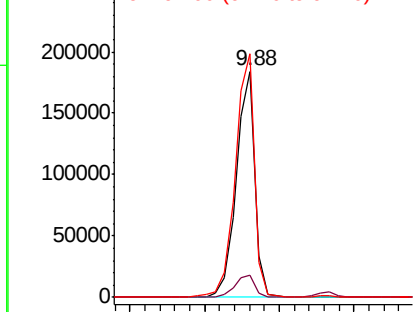
#53
3-Nitroaniline
Concen: 43.196 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:138 Resp: 160562
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.2
92 107.6 94.1 141.1

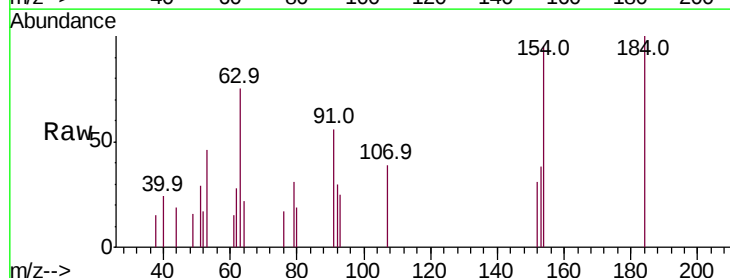


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

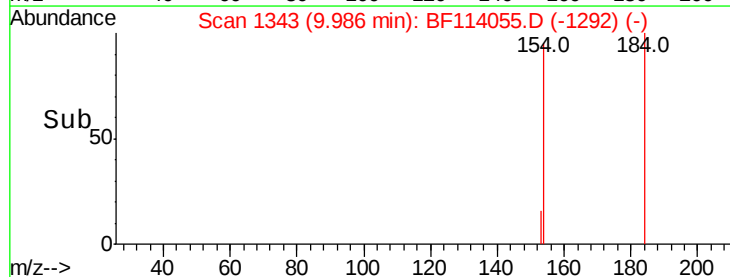
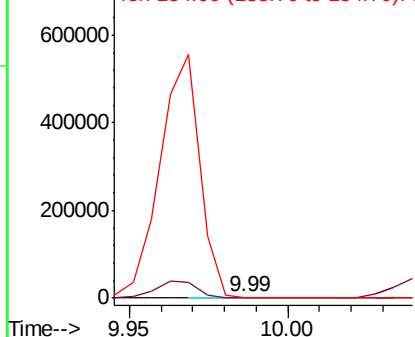


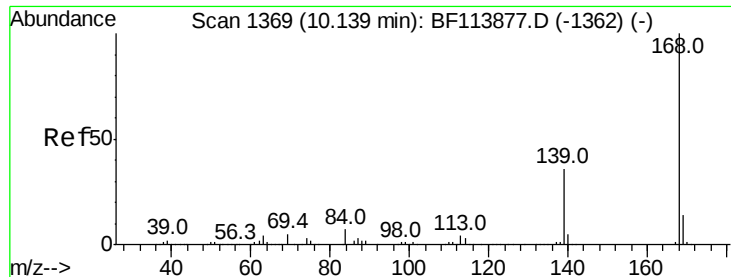
#54
2,4-Dinitrophenol
Concen: 9.721 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:184 Resp: 2395
Ion Ratio Lower Upper
184 100
63 74.8 54.6 81.8
154 95.0 218.6 328.0#



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

Dibenzenofuran

Concen: 39.090 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

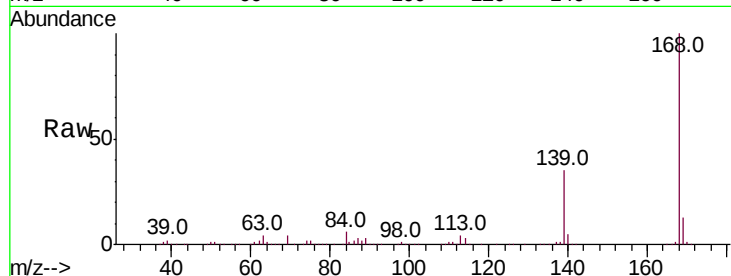
Tot Ion:168 Resp: 767271

Ion Ratio Lower Upper

168 100

139 34.8 27.8 41.6

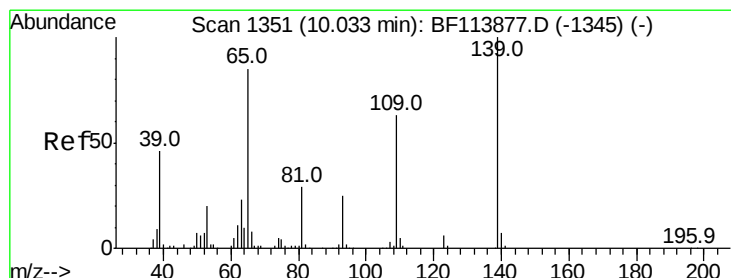
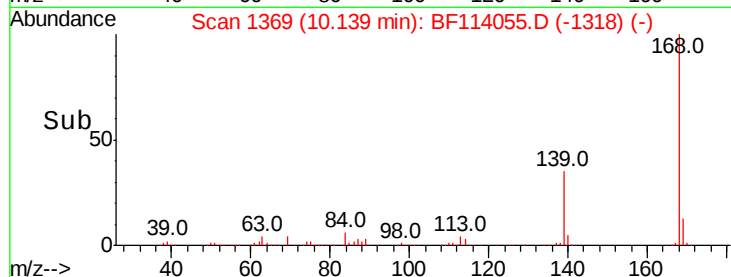
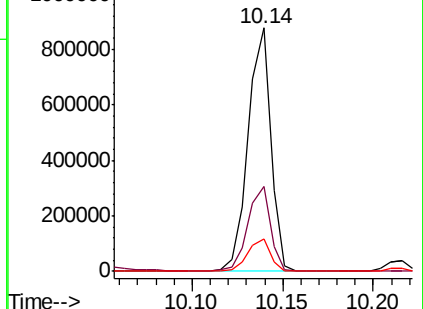
169 13.5 11.0 16.6



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: 67.115 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

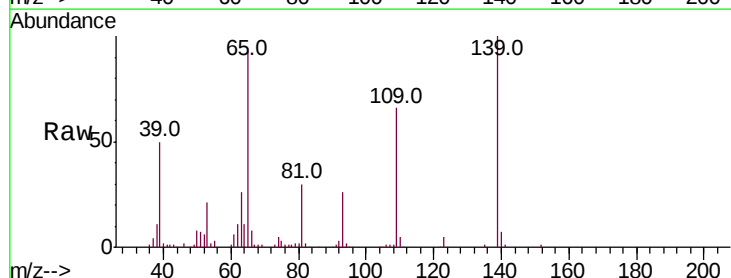
Tgt Ion:139 Resp: 197522

Ion Ratio Lower Upper

139 100

109 65.7 42.9 82.9

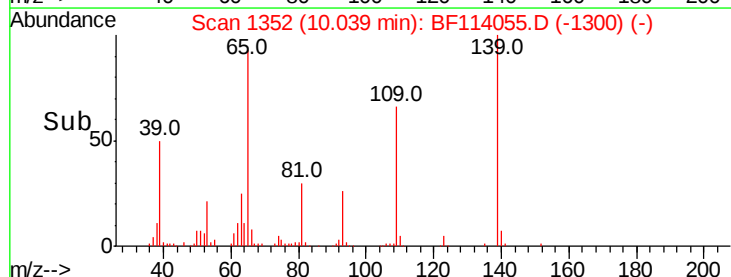
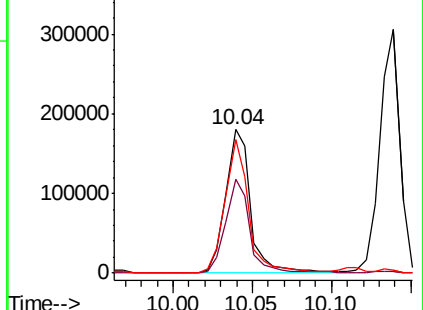
65 93.0 64.4 104.4

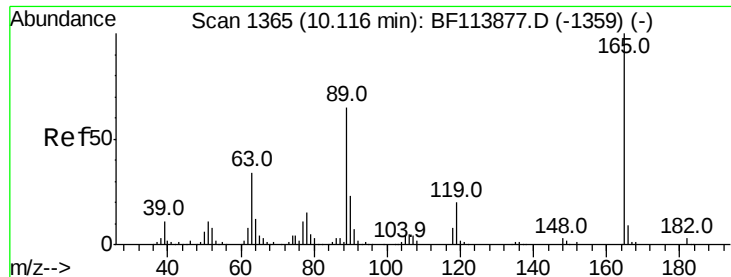


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

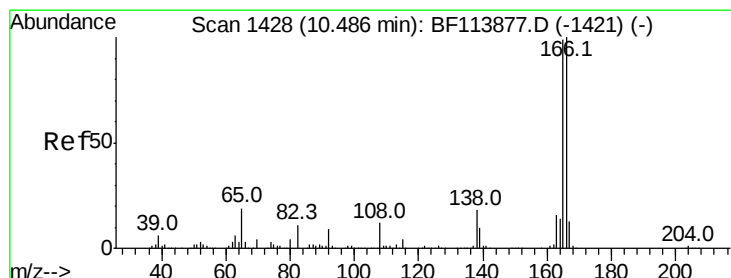
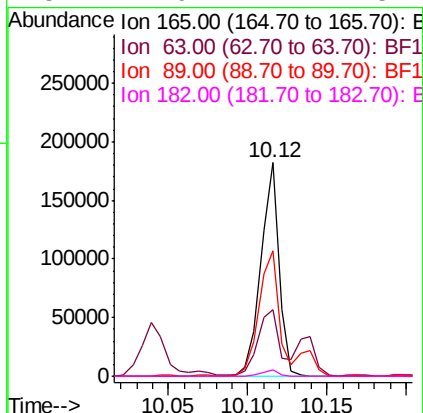
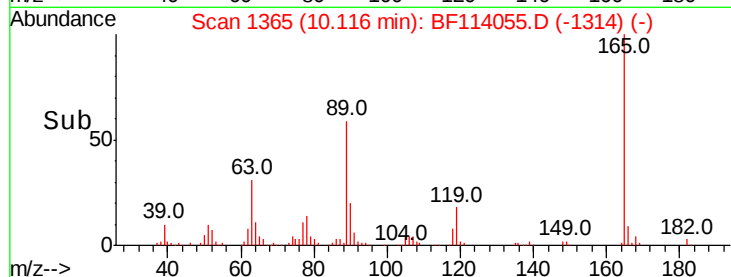
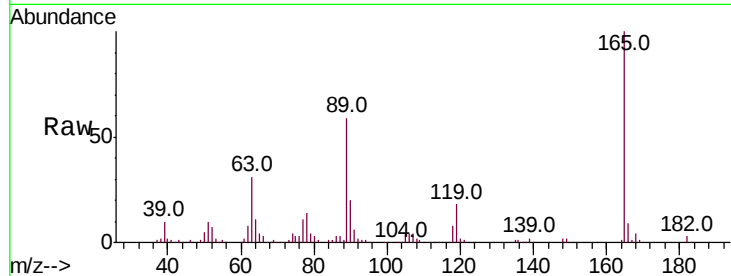




#57
2,4-Dinitrotoluene
Concen: 33.017 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

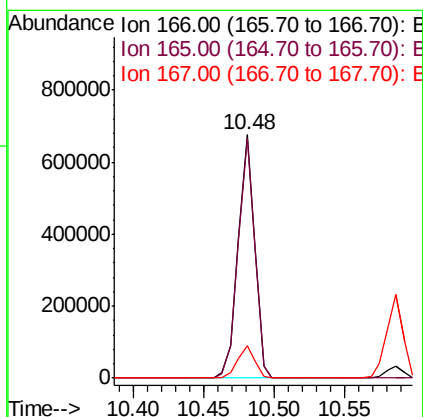
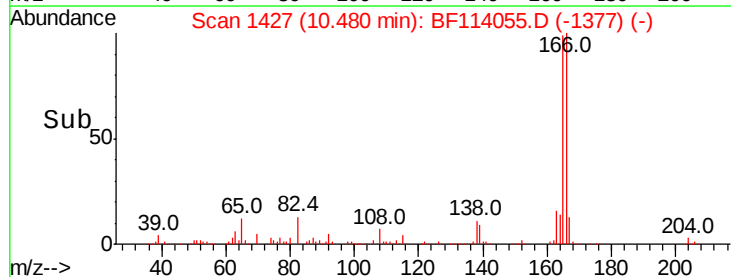
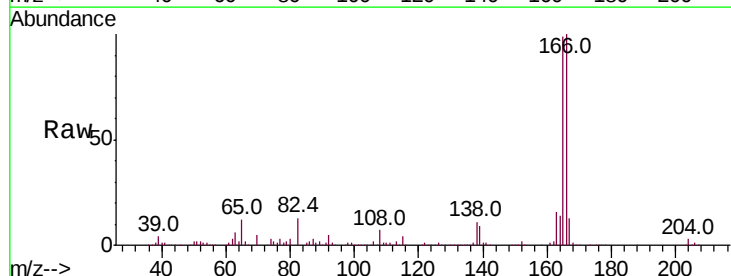
Instrument :
BNA_F
ClientSampleId :
PB119350BS

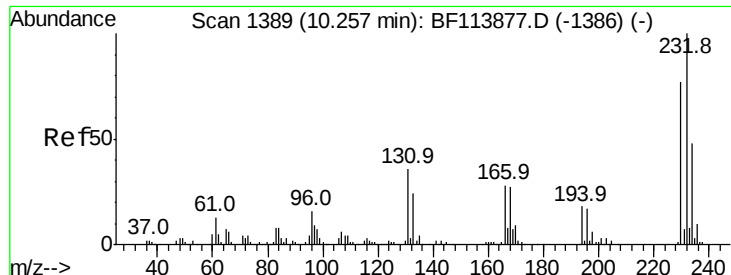
Tot Ion	Ratio	Lower	Upper
165	100		
63	31.2	27.4	41.0
89	58.6	51.8	77.6
182	2.9	2.2	3.2



#58
Fluorene
Concen: 37.558 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	13.4	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.282 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

Tot Ion:232 Resp: 168174

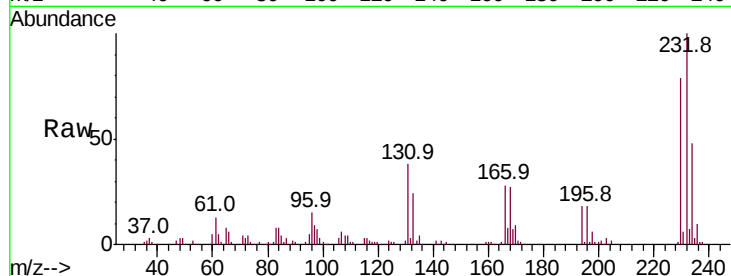
Ion Ratio Lower Upper

232 100

131 37.4 30.2 45.2

130 1.7 1.5 2.3

166 27.6 22.2 33.4

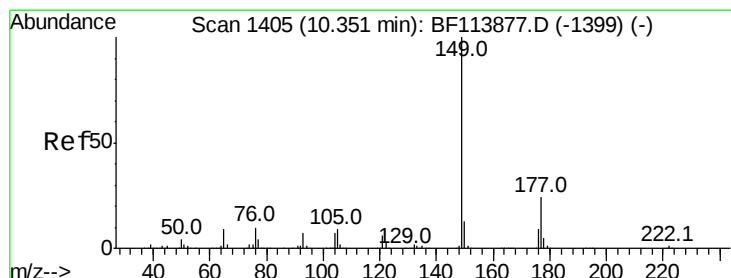
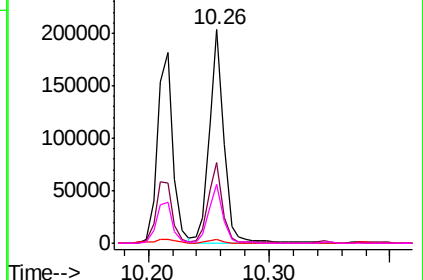
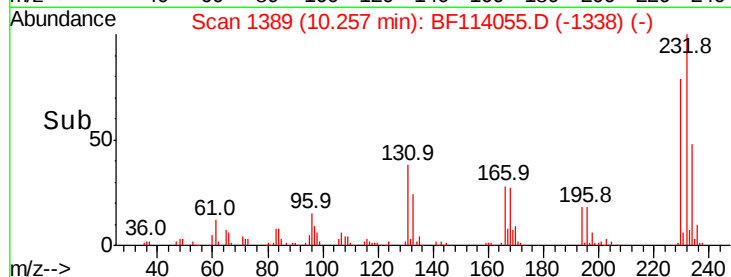


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.382 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

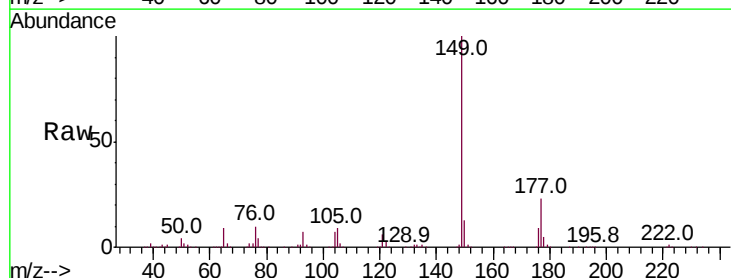
Tgt Ion:149 Resp: 663592

Ion Ratio Lower Upper

149 100

177 23.2 19.2 28.8

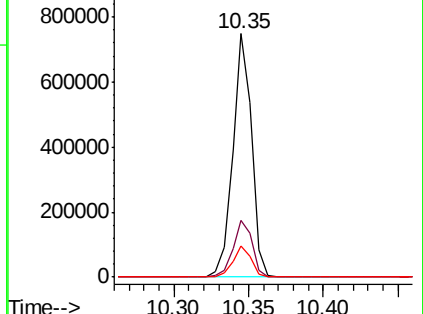
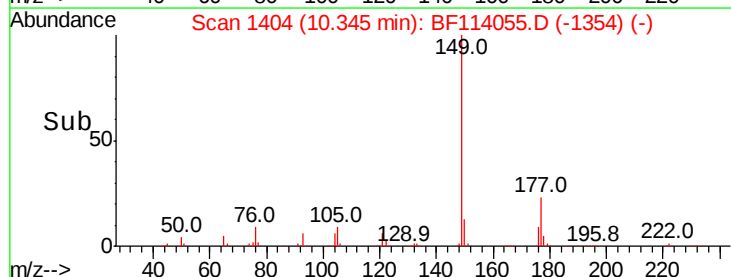
150 12.9 10.3 15.5

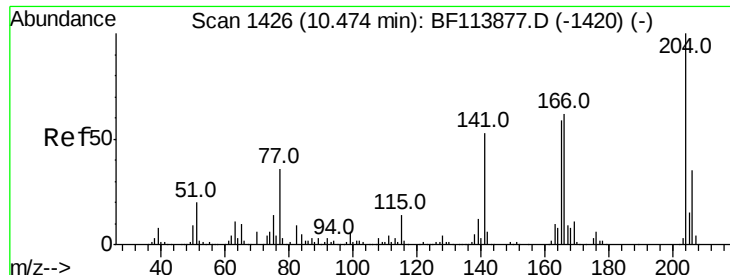


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

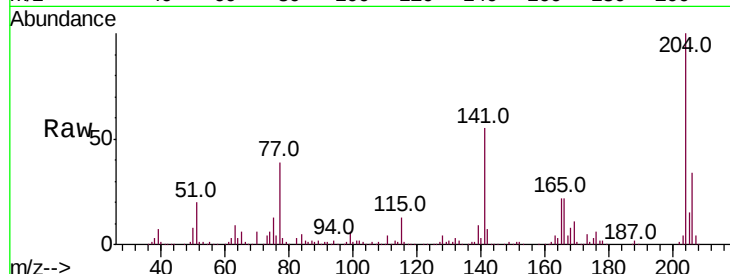




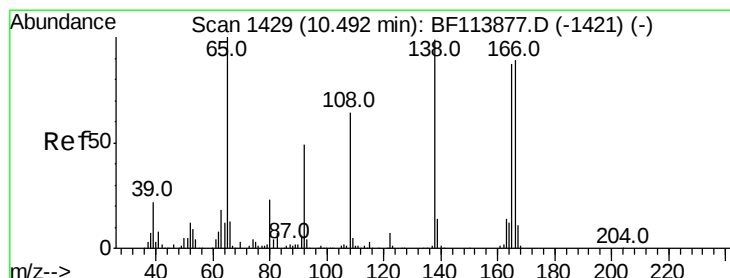
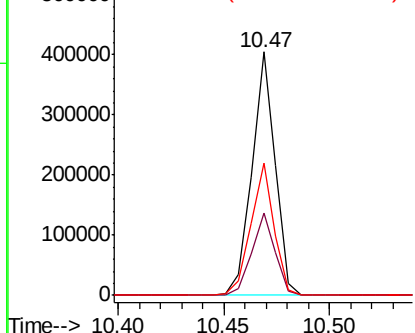
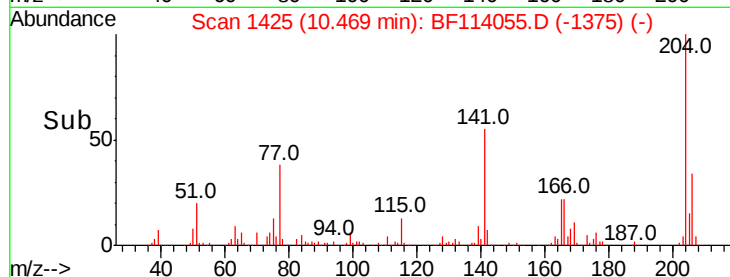
#61
 4-Chlorophenyl-phenylether
 Concen: 39.599 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion:204 Resp: 309905
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.4 41.2
 141 54.6 42.6 63.8

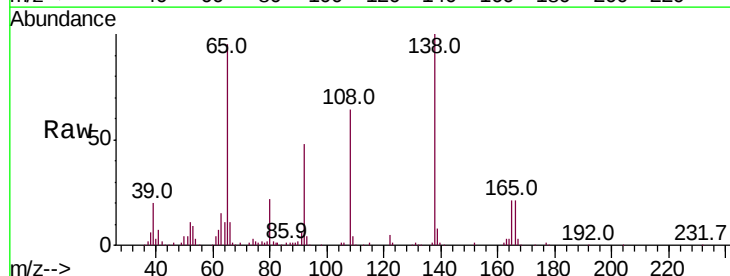


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

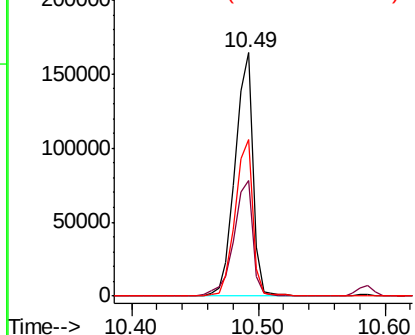
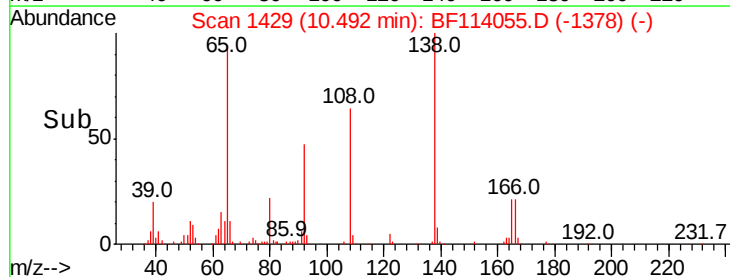


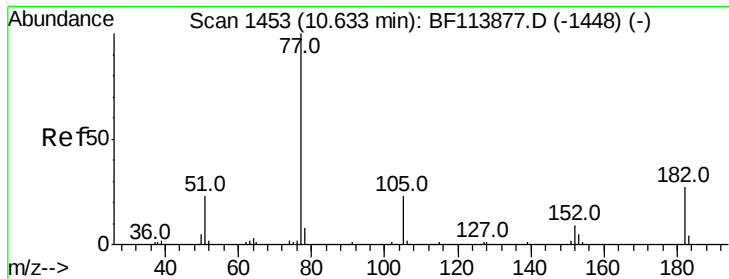
#62
 4-Nitroaniline
 Concen: 43.922 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:138 Resp: 159319
 Ion Ratio Lower Upper
 138 100
 92 47.5 31.3 71.3
 108 64.4 48.9 88.9



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





#63

Azobenzene

Concen: 36.597 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

Tot Ion: 77 Resp: 555356

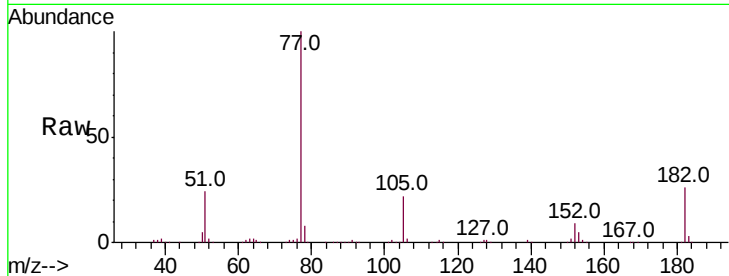
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 21.7 2.2 42.2

51 23.5 3.9 43.9

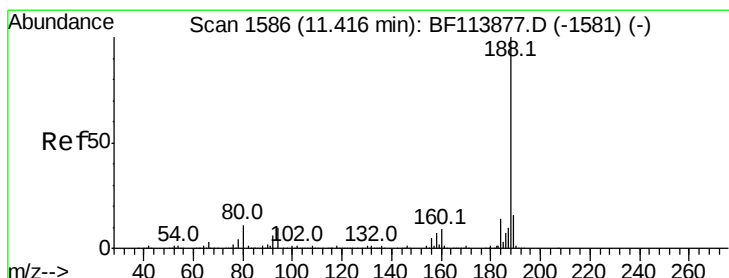
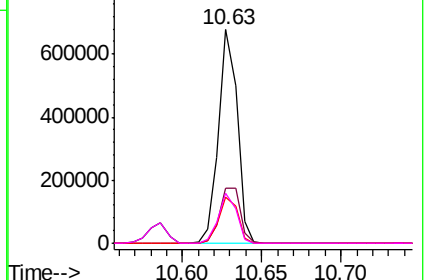
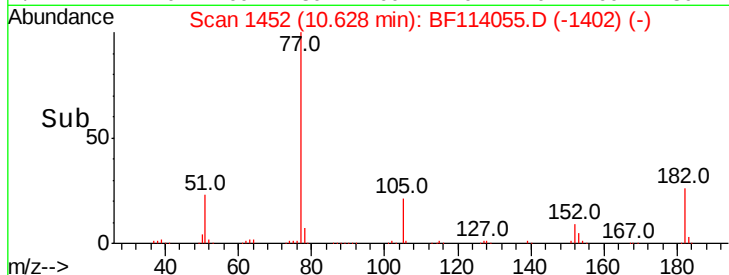


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

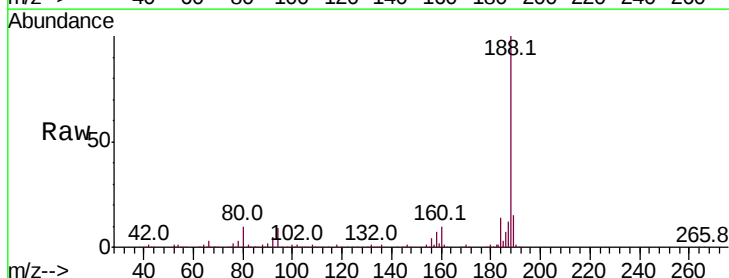
Tgt Ion: 188 Resp: 365346

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

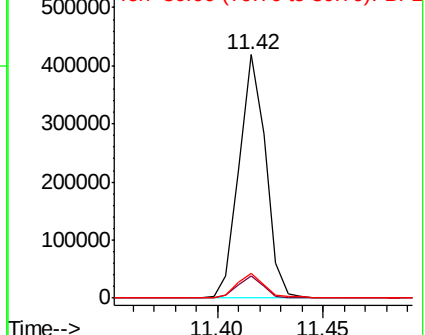
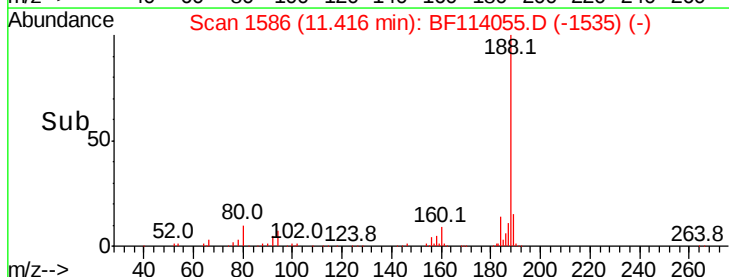
80 10.2 9.0 13.6

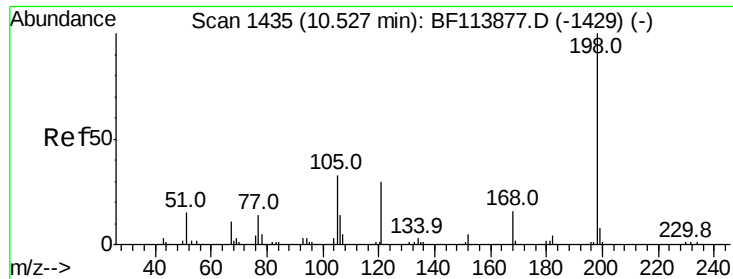


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

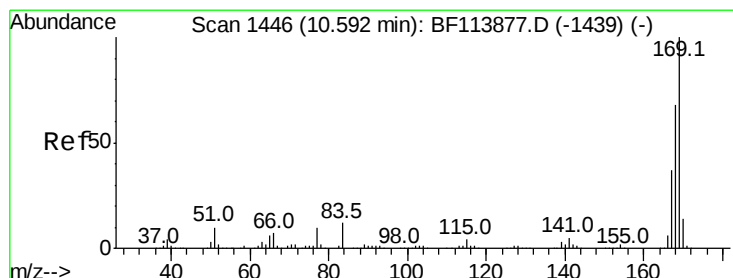
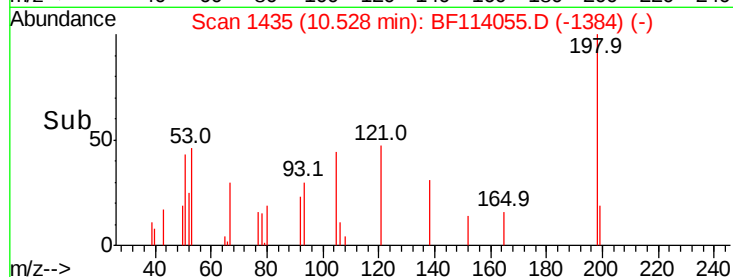
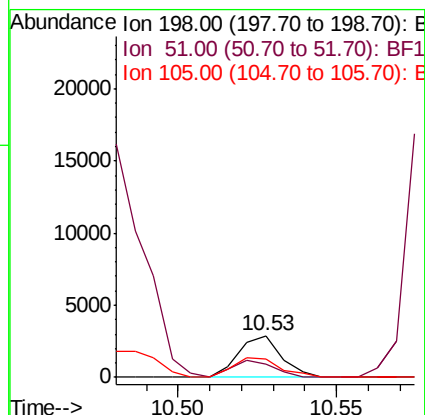
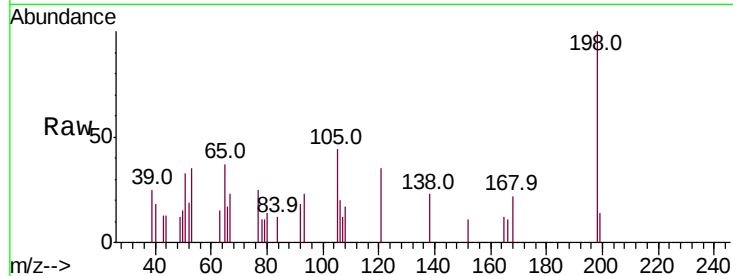




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.676 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

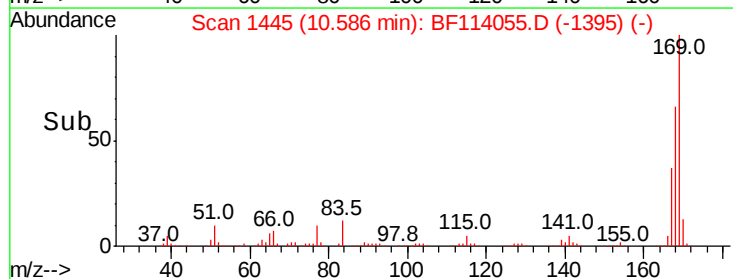
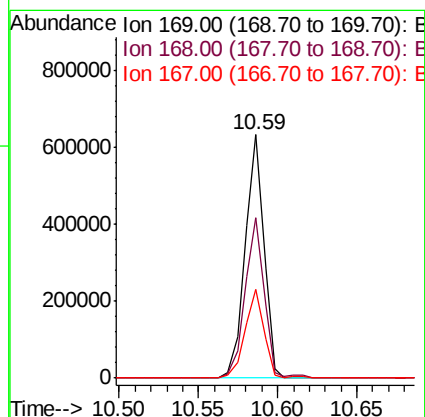
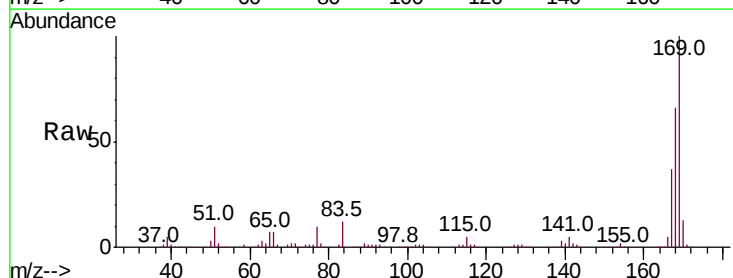
Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

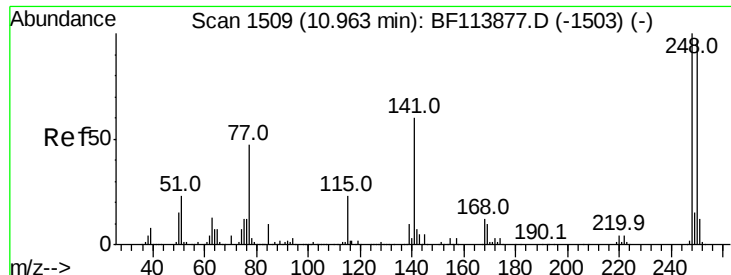
Tot Ion:198 Resp: 2701
 Ion Ratio Lower Upper
 198 100
 51 32.9 11.1 51.1
 105 43.9 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 47.389 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:169 Resp: 519490
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.3 81.5
 167 36.7 29.4 44.0

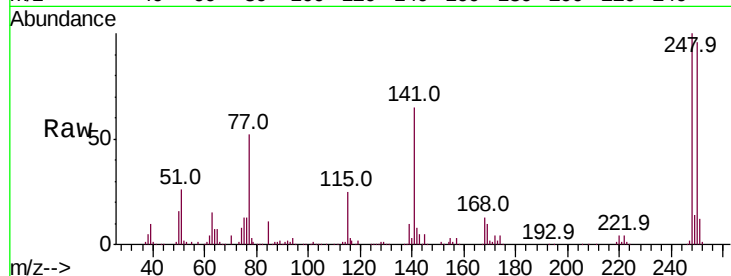




#67
 4-Bromophenyl-phenylether
 Concen: 43.408 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.8	113.6
141	64.8	50.2	75.4

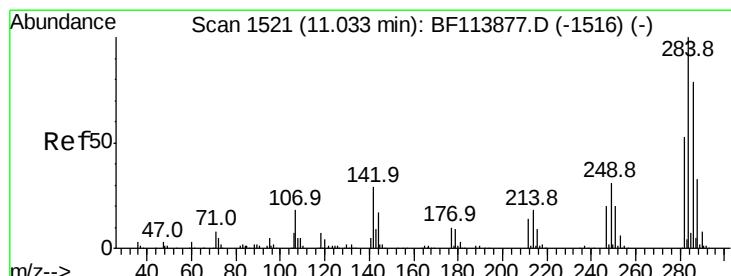
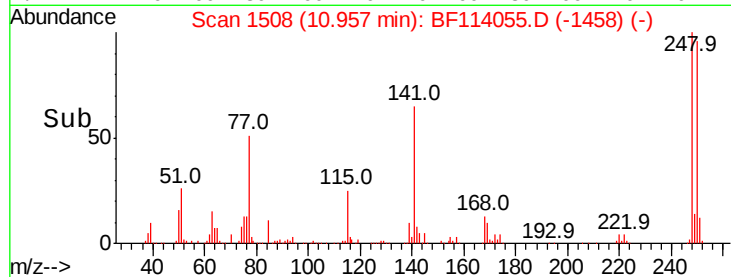
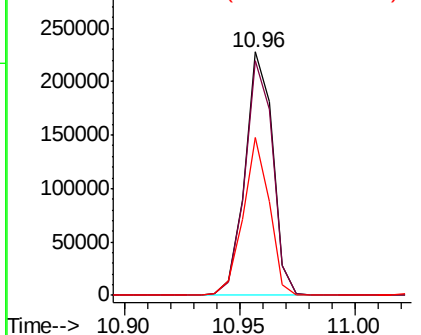


Abundance

Ion 248.00 (247.70 to 248.70): E

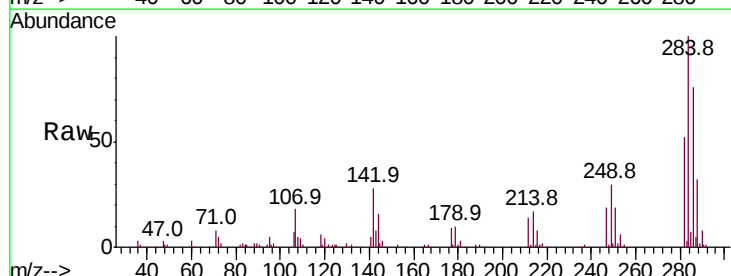
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.648 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	23.0	34.4
249	29.5	24.4	36.6

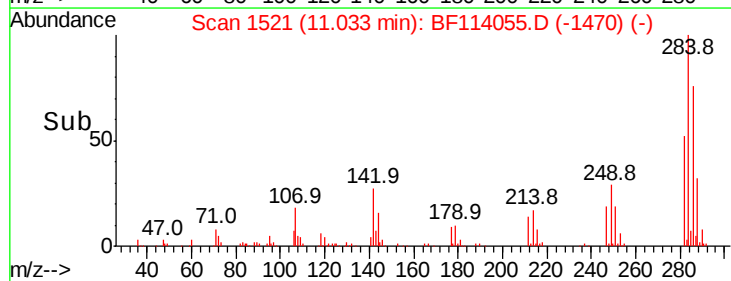
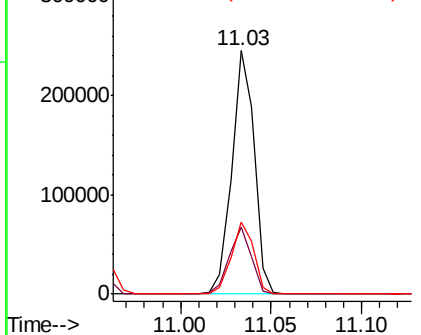


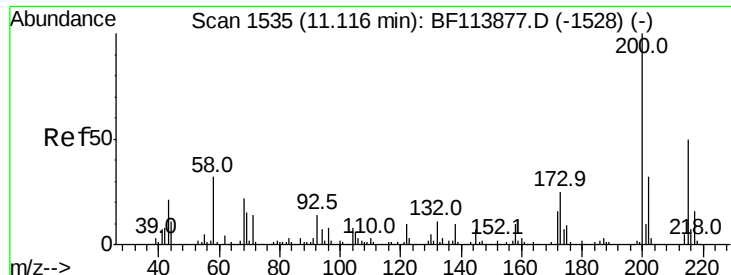
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

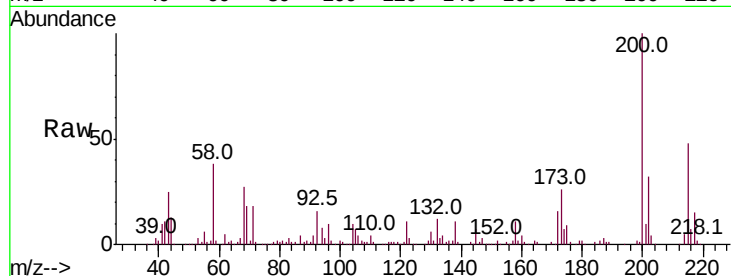




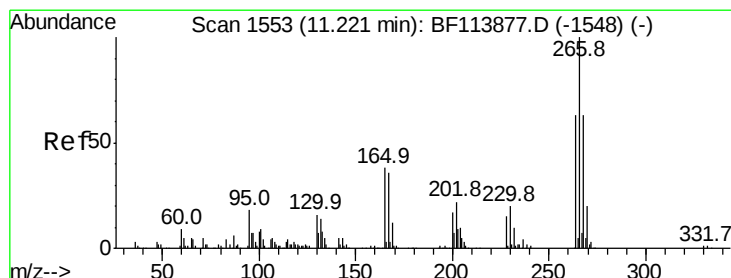
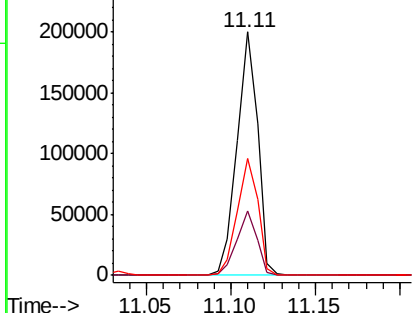
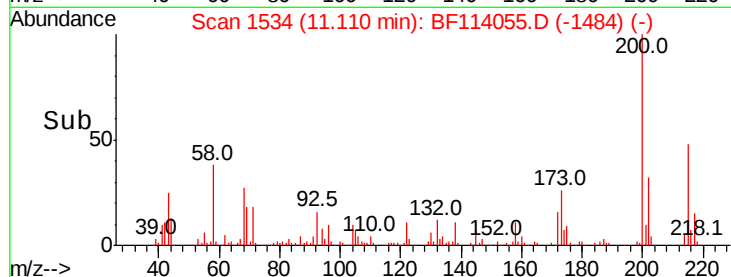
#69
 Atrazine
 Concen: 47.789 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

Tot Ion:200 Resp: 170421
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.9 45.9
 215 47.8 29.3 69.3

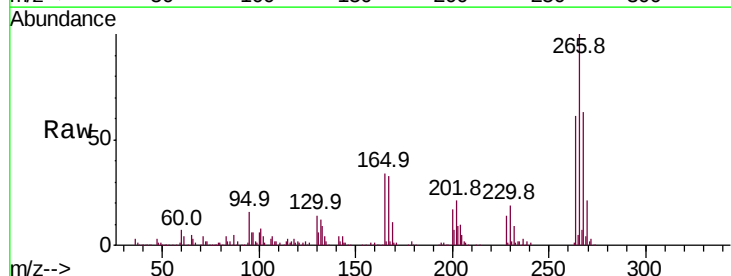


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

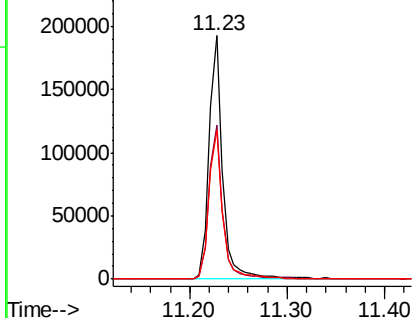
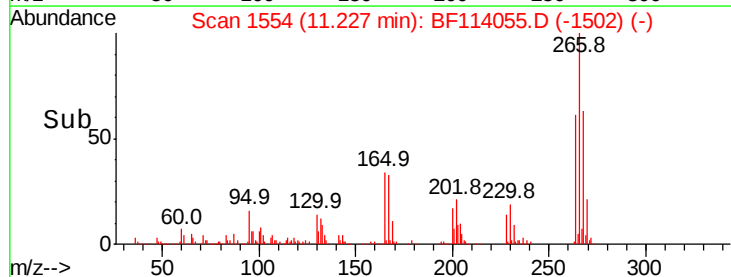


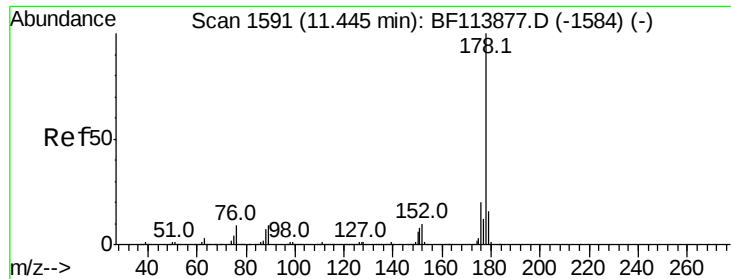
#70
 Pentachlorophenol
 Concen: 68.578 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:266 Resp: 188317
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.5 80.3
 264 61.1 51.0 76.6



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





#71

Phenanthrene

Concen: 40.889 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

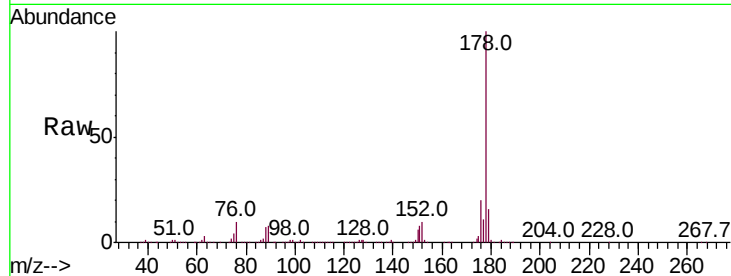
Tot Ion:178 Resp: 750747

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

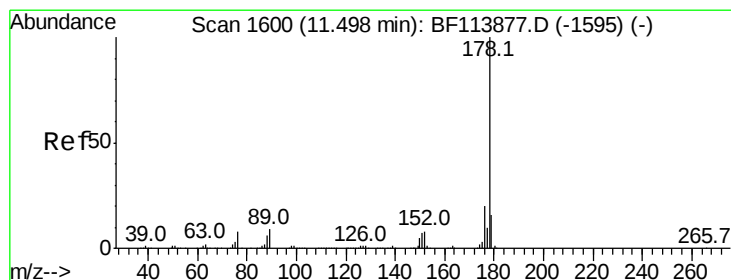
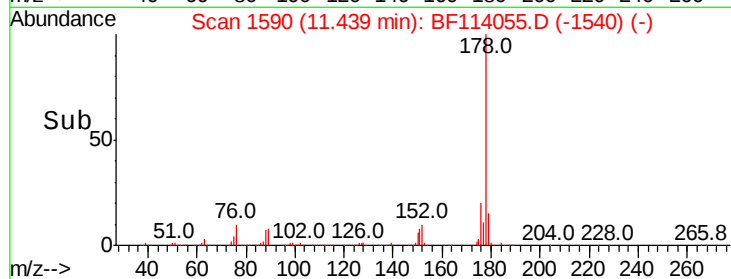
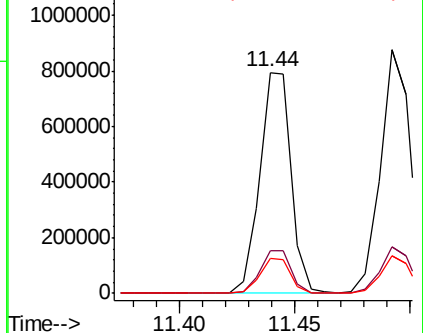
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.240 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

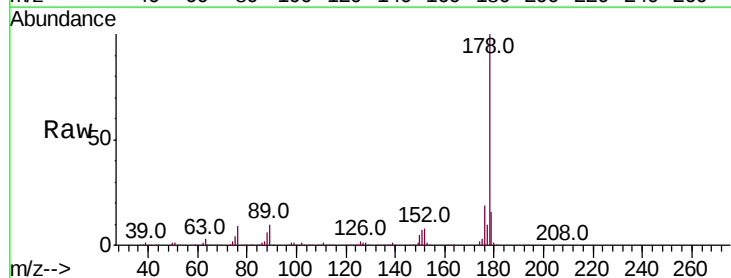
Tgt Ion:178 Resp: 783185

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

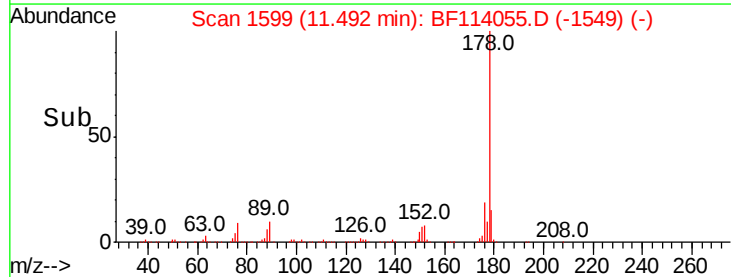
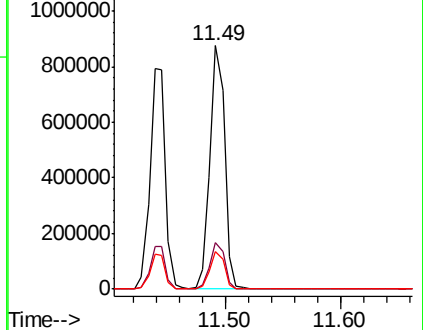
179 15.6 13.0 19.4

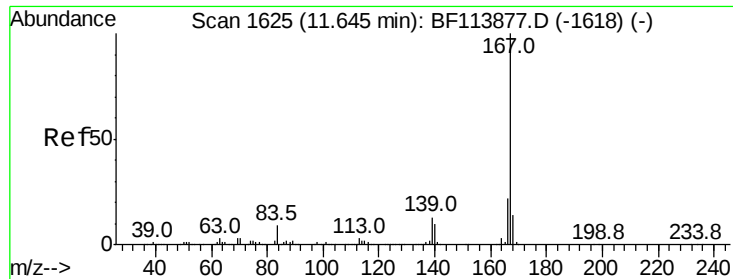


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

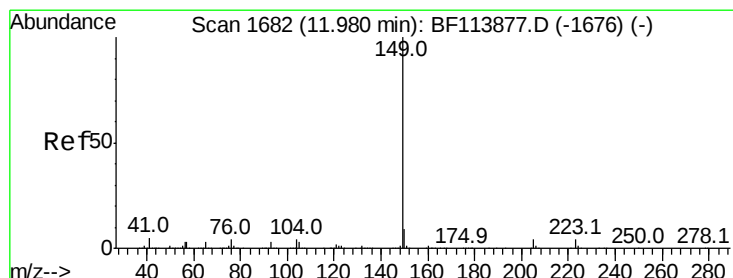
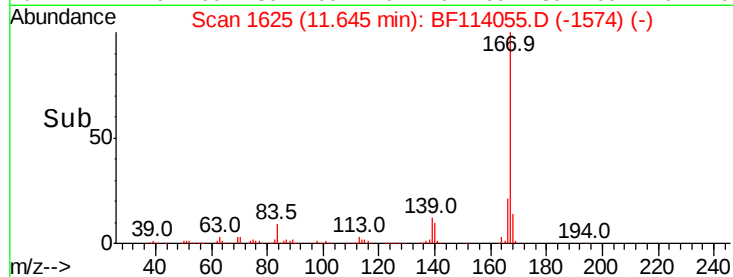
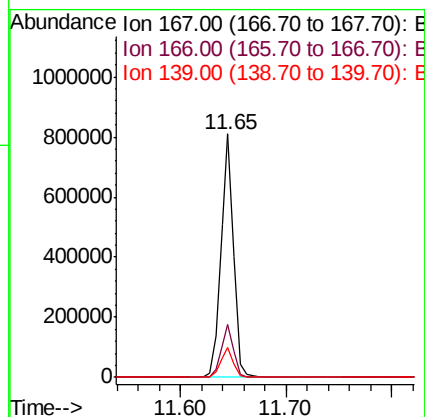
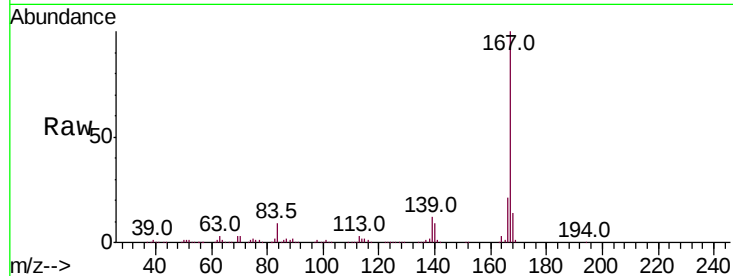




#73
 Carbazole
 Concen: 41.602 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

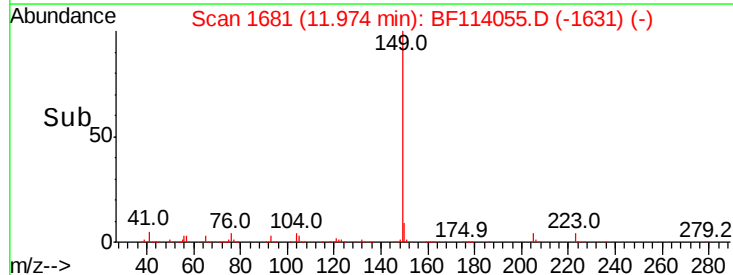
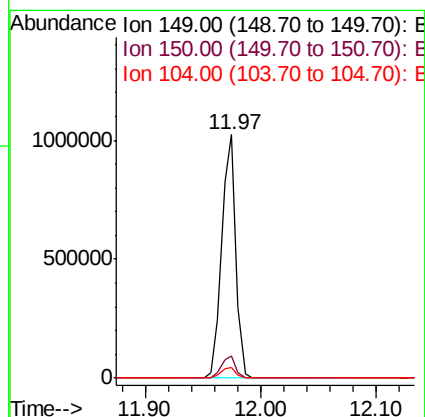
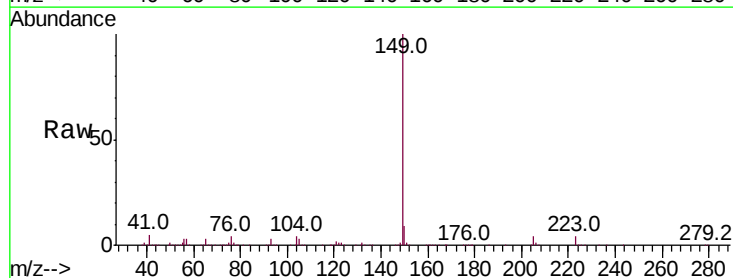
Instrument :
 BNA_F
 ClientSampleId :
 PB119350BS

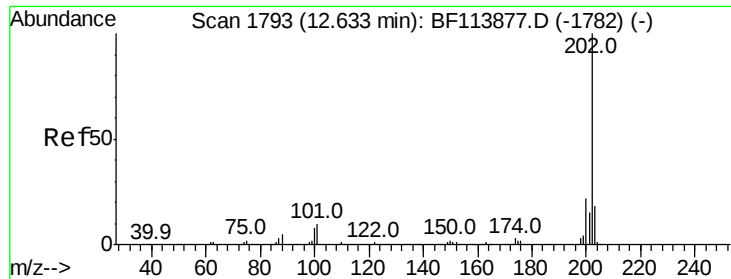
Tot Ion:167 Resp: 688166
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.282 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF114055.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:149 Resp: 861653
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.2 3.8 5.8





#75

Fluoranthene

Concen: 40.033 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampled :

PB119350BS

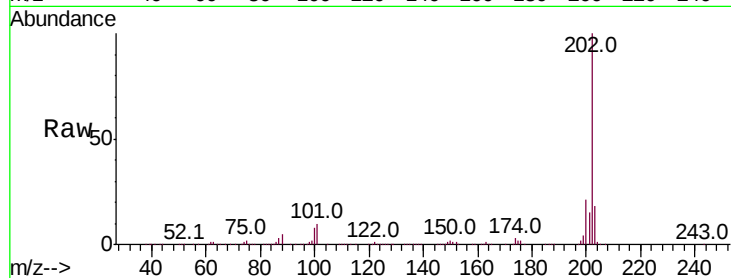
Tot Ion:202 Resp: 801931

Ion Ratio Lower Upper

202 100

101 10.1 0.0 32.9

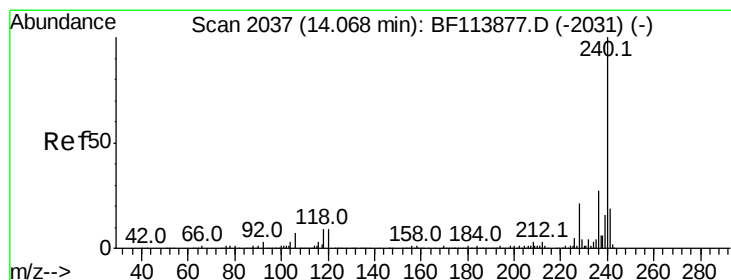
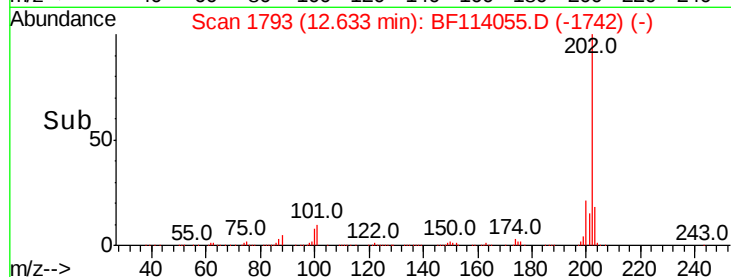
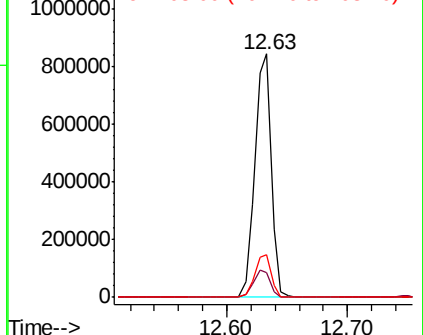
203 17.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

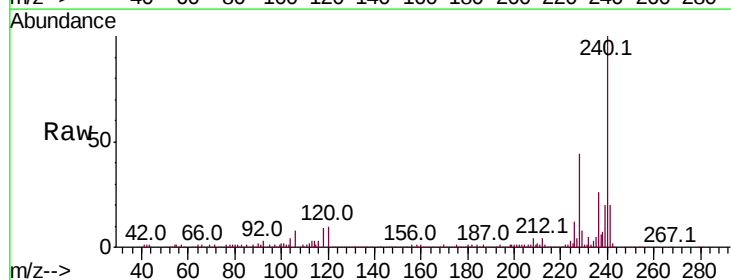
Tgt Ion:240 Resp: 257914

Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

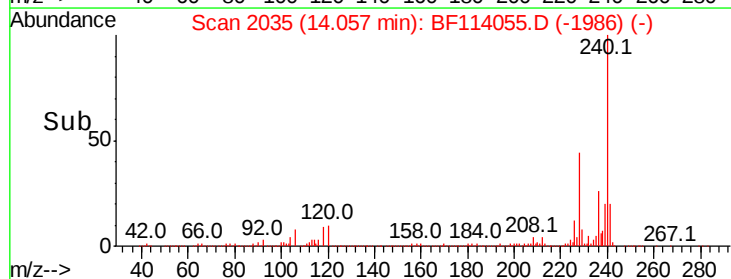
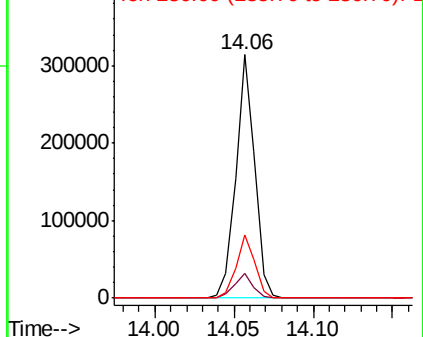
236 26.2 21.2 31.8

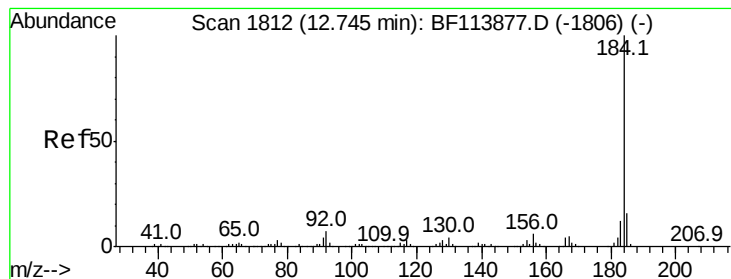


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 94.637 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

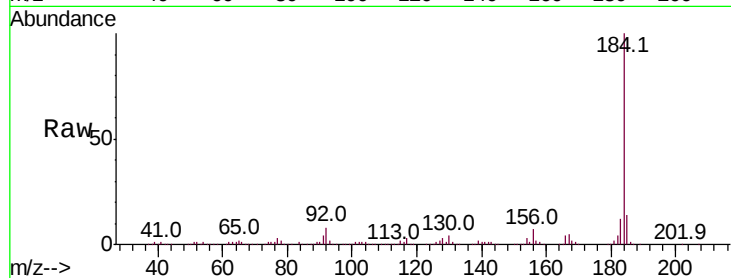
Tot Ion:184 Resp: 727261

Ion Ratio Lower Upper

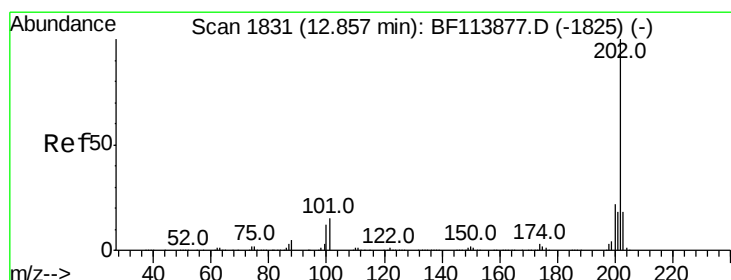
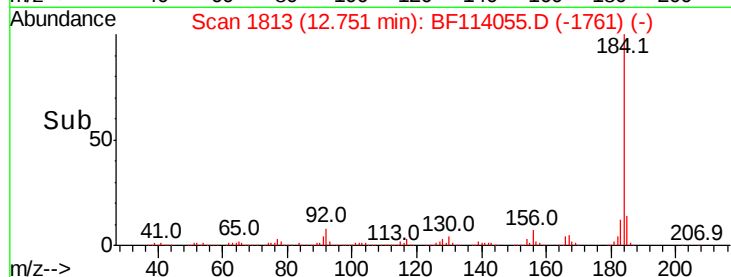
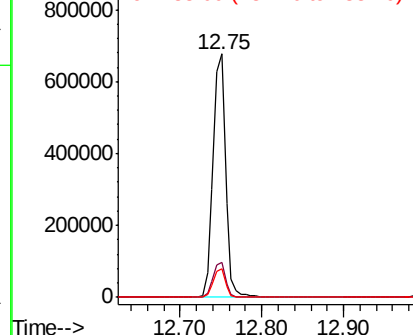
184 100

185 14.1 13.0 19.6

183 11.7 9.4 14.0



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



#78

Pyrene

Concen: 53.003 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

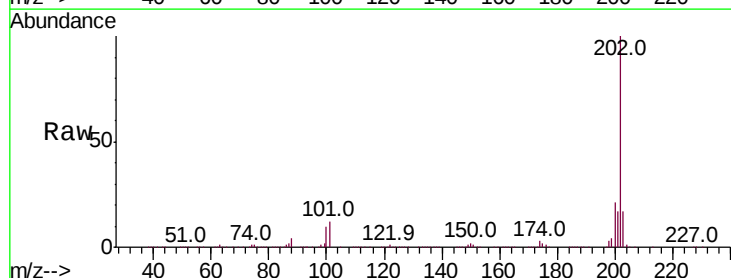
Tgt Ion:202 Resp: 955985

Ion Ratio Lower Upper

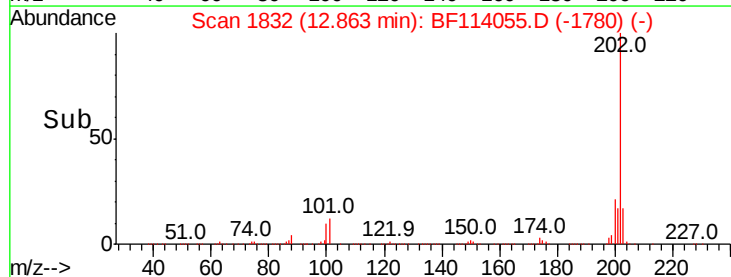
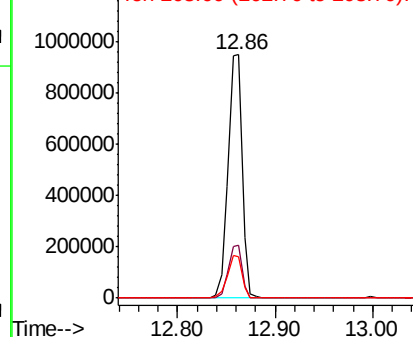
202 100

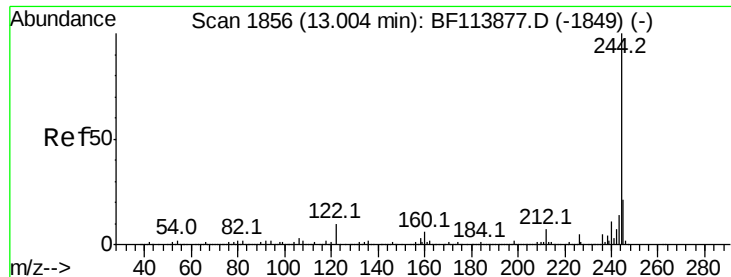
200 21.5 17.7 26.5

203 17.2 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: 111.035 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

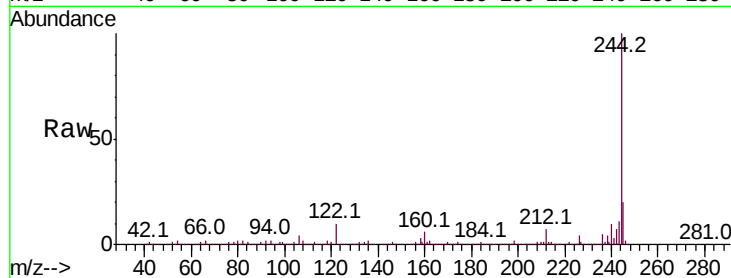
Tot Ion:244 Resp: 1396859

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

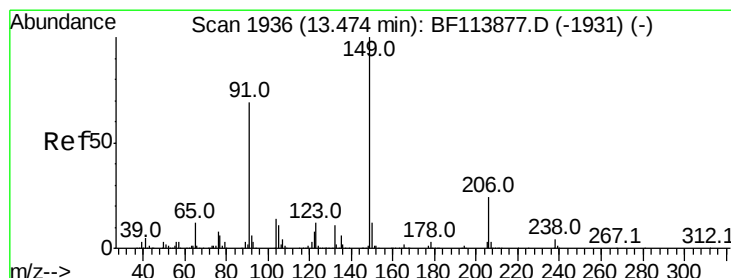
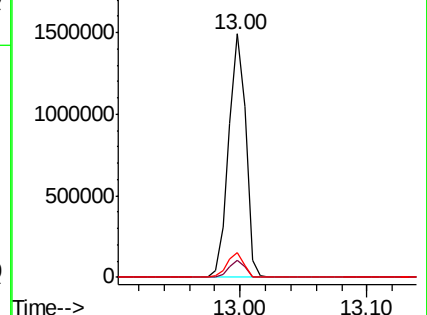
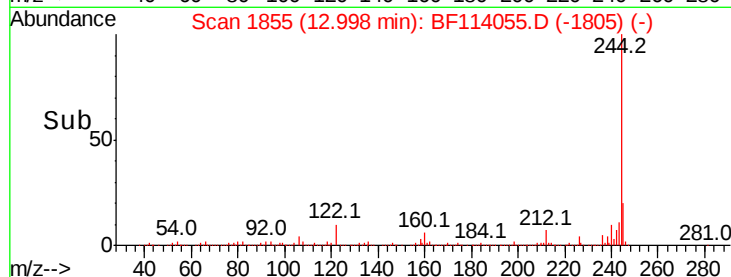
122 10.3 7.6 11.4



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: 49.024 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

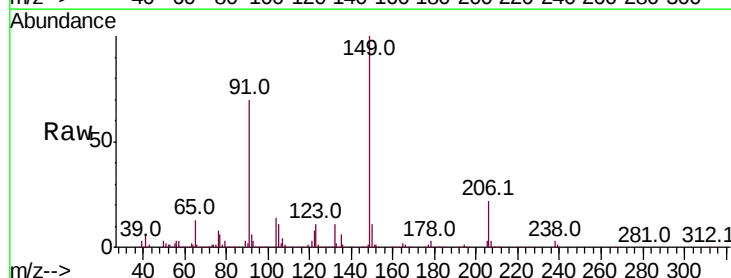
Tgt Ion:149 Resp: 347889

Ion Ratio Lower Upper

149 100

91 70.2 56.3 84.5

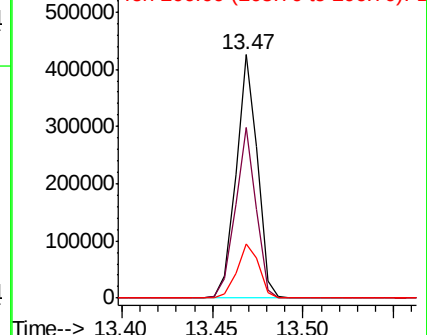
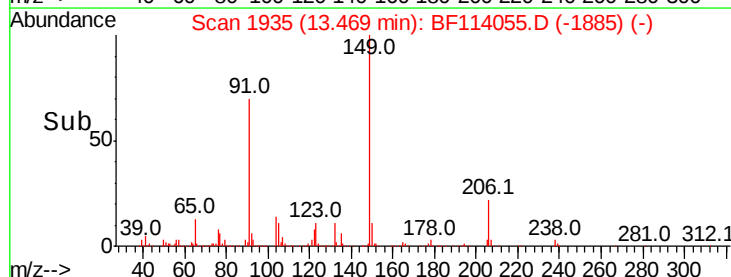
206 22.3 19.0 28.6

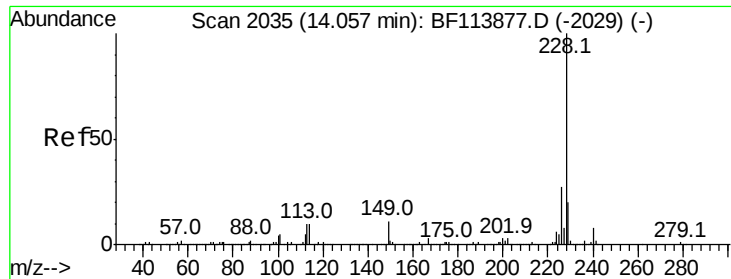


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.991 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

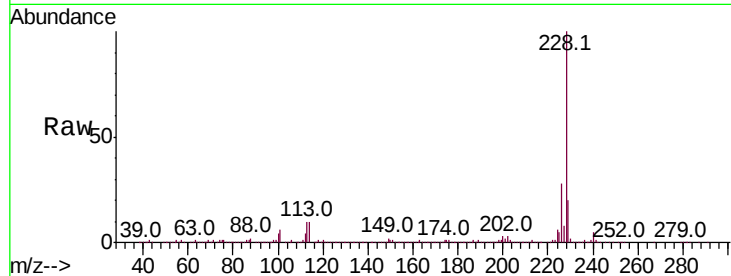
Tot Ion:228 Resp: 638080

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

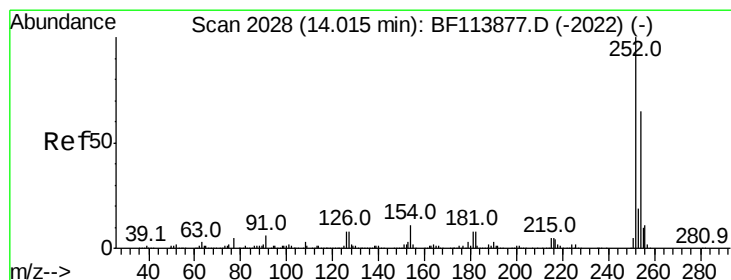
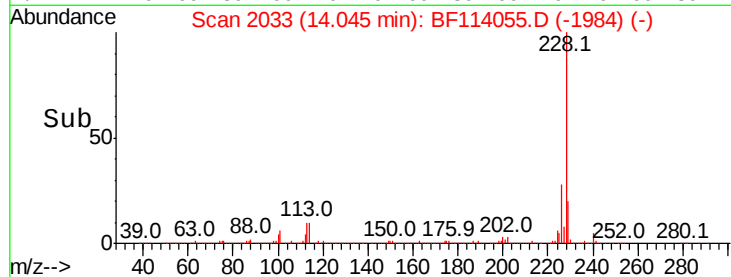
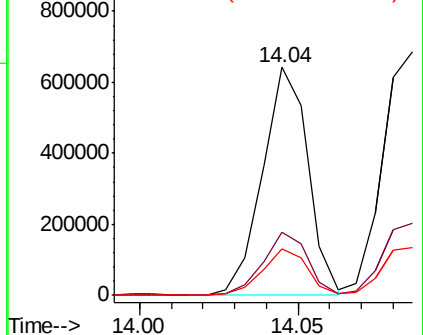
229 20.2 16.0 24.0



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: 48.073 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

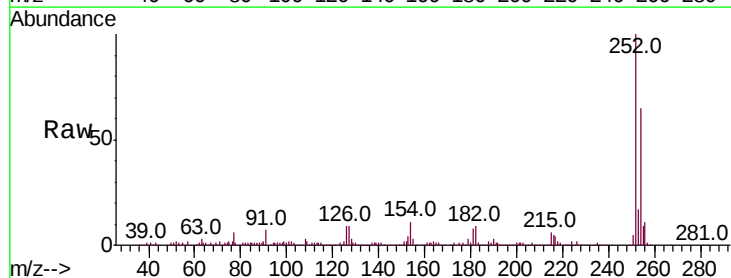
Tgt Ion:252 Resp: 267754

Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

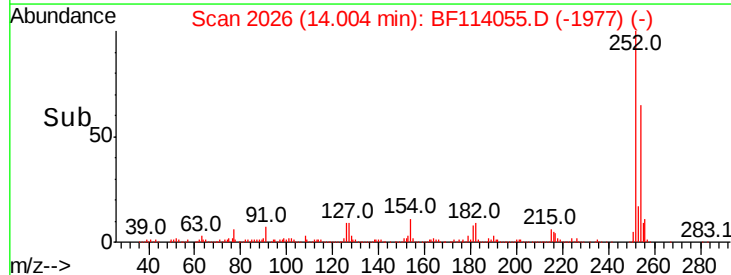
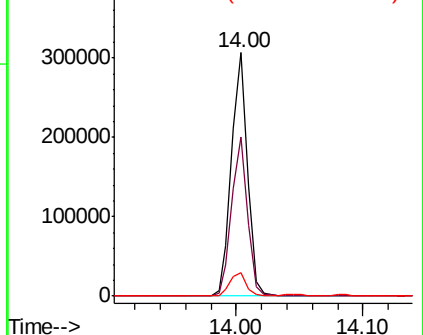
126 9.4 9.3 13.9

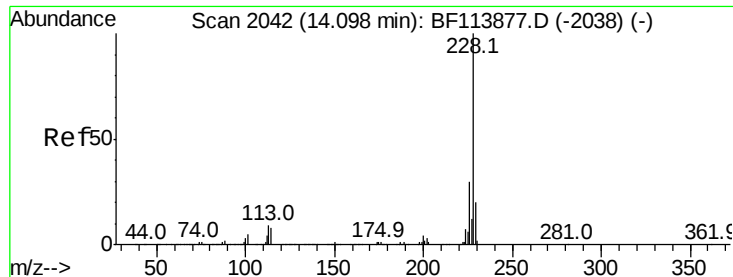


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.447 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

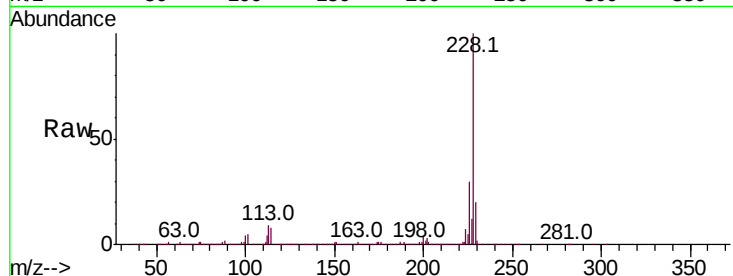
Tot Ion:228 Resp: 628187

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.2	37.8
229	19.8	16.7	25.1

228 100

226 29.5 25.2 37.8

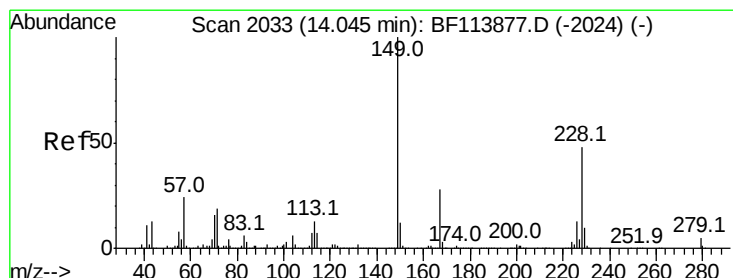
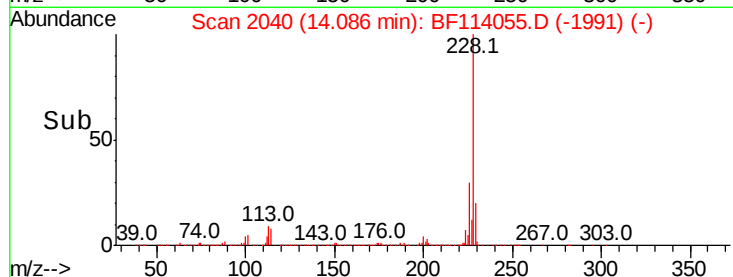
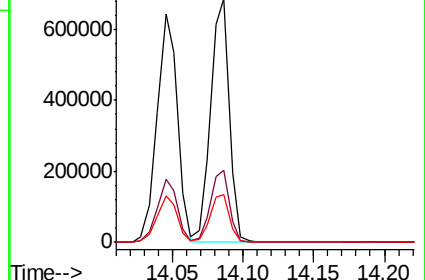
229 19.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.750 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

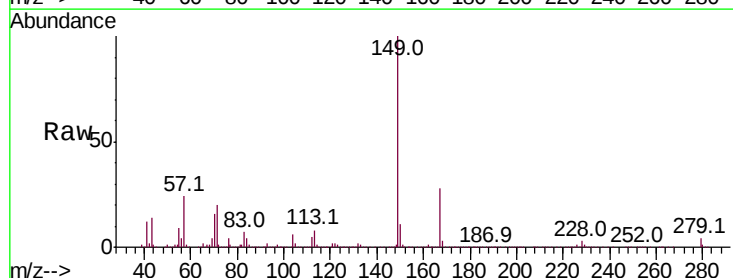
Tgt Ion:149 Resp: 485301

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.2	4.2	6.2

149 100

167 27.8 22.9 34.3

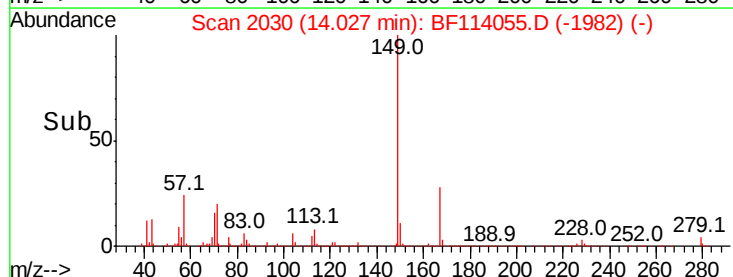
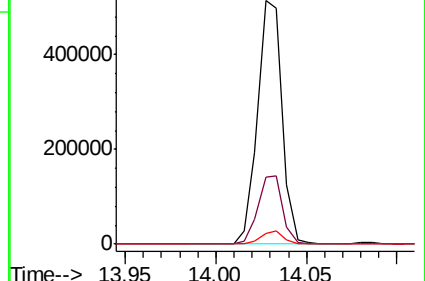
279 4.2 4.2 6.2

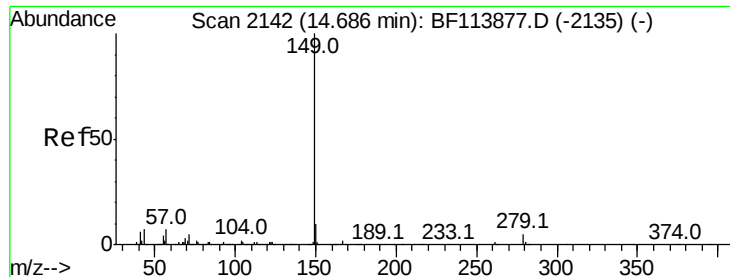


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.424 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.04 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

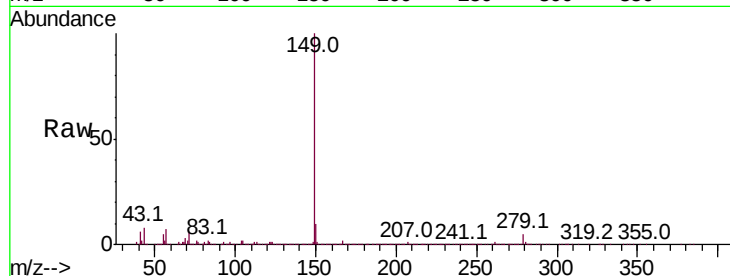
Tot Ion:149 Resp: 769126

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

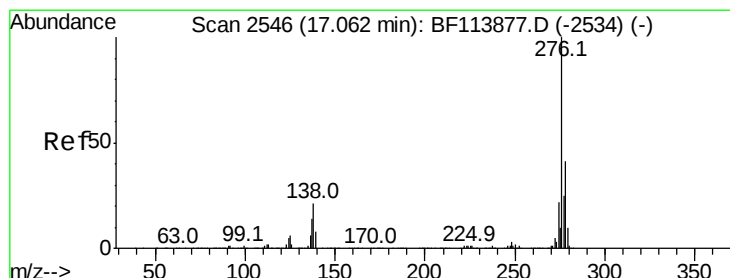
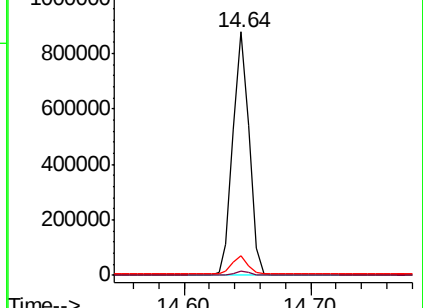
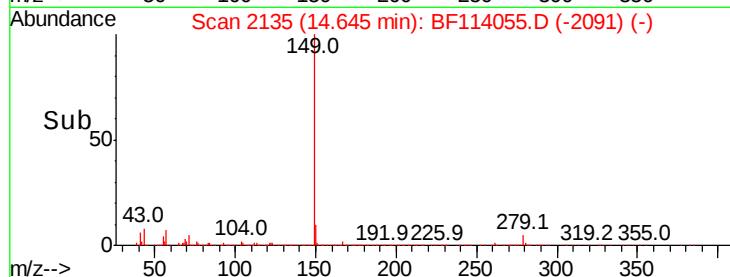
43 7.5 6.6 10.0



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: 35.008 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

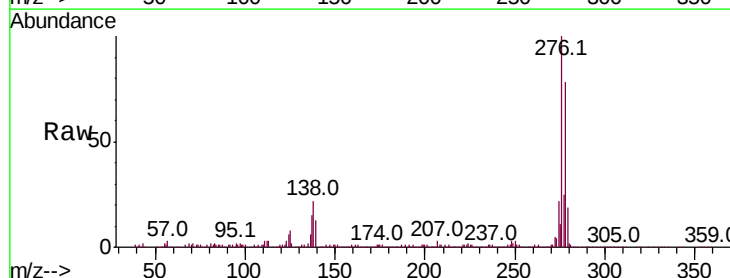
Tgt Ion:276 Resp: 490747

Ion Ratio Lower Upper

276 100

138 23.2 19.6 29.4

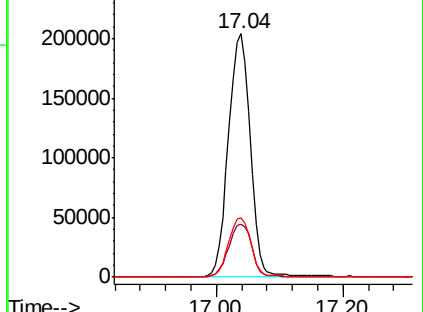
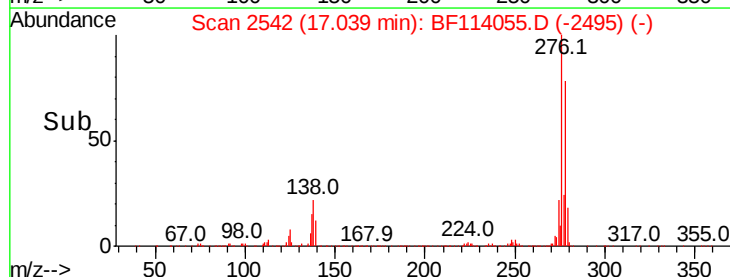
277 24.4 20.2 30.4

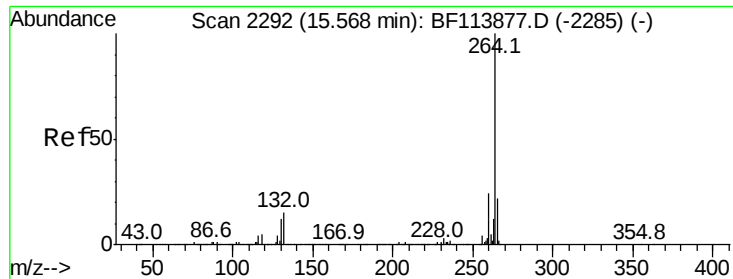


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



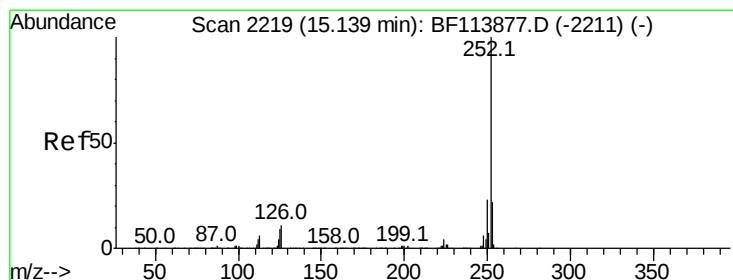
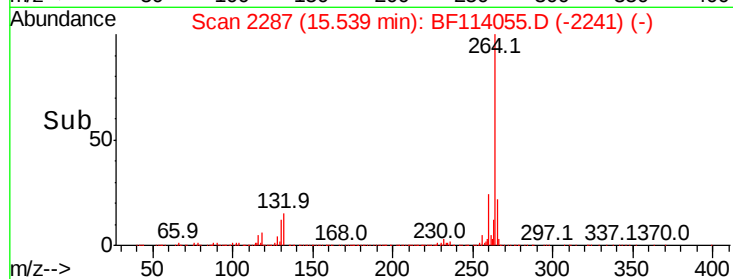
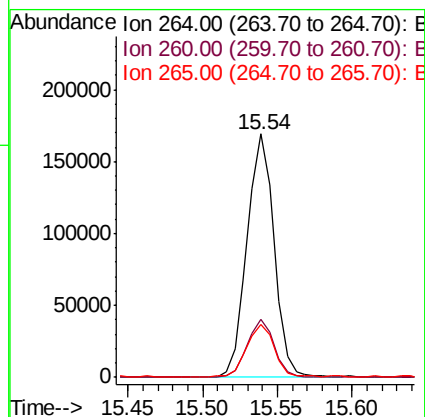
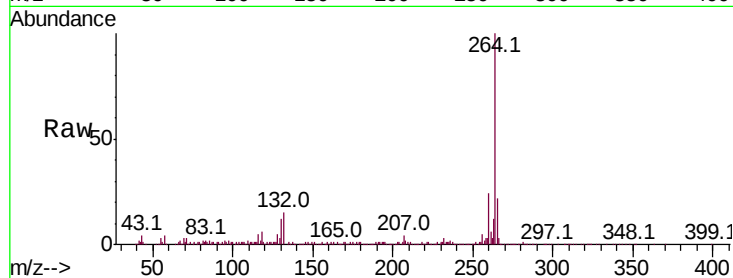


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_F
ClientSampleId :
PB119350BS

Tot Ion:264 Resp: 210537

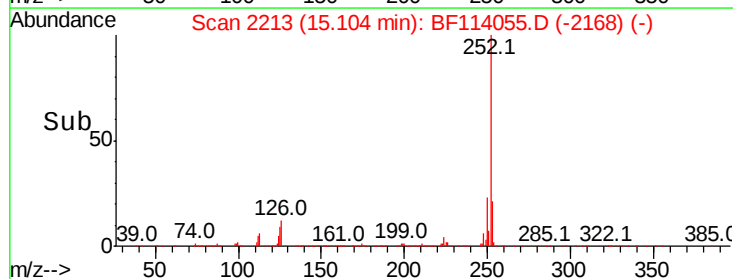
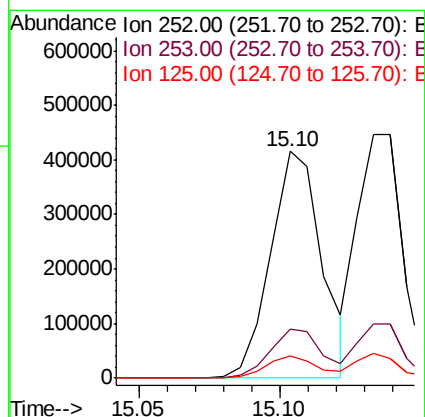
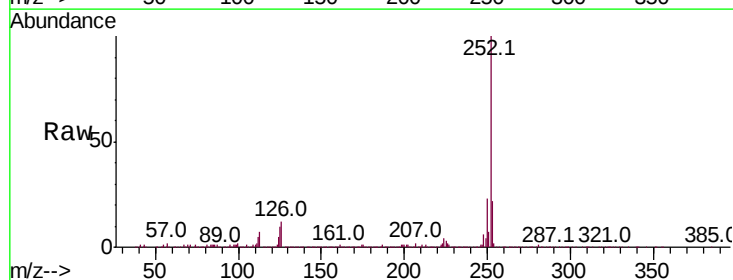
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.8	17.3	25.9

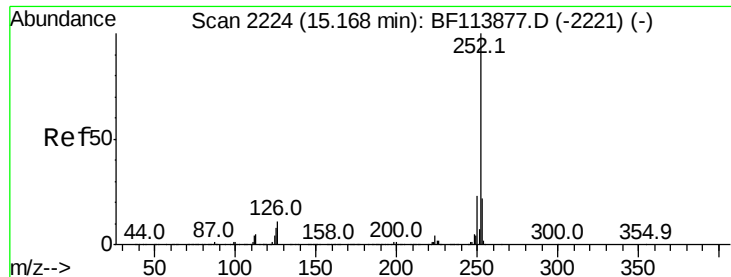


#88
Benzo(b)fluoranthene
Concen: 39.369 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion:252 Resp: 524421

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	9.9	7.0	10.6

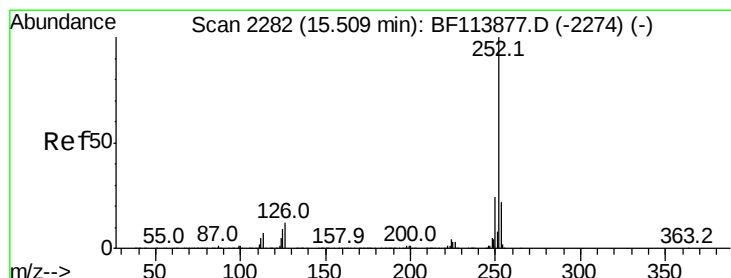
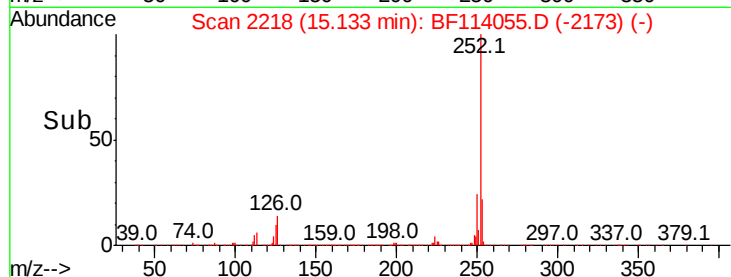
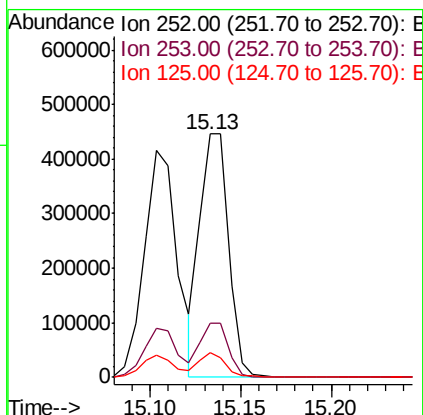
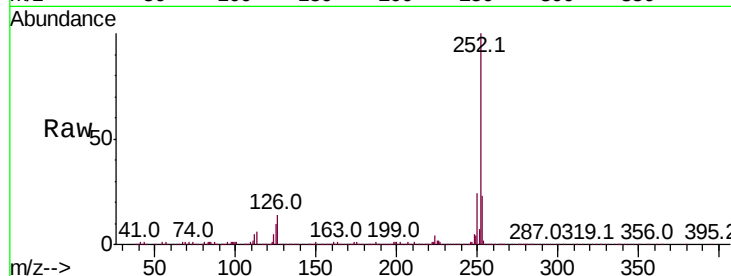




#89
Benzo(k)fluoranthene
Concen: 42.754 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

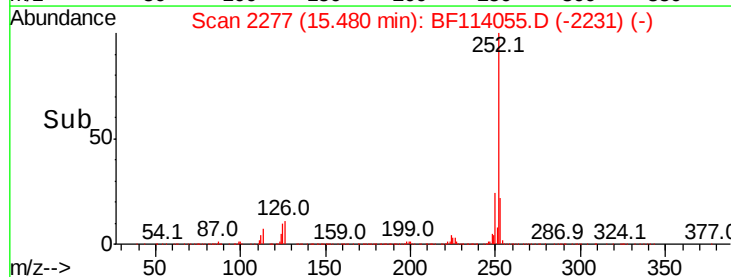
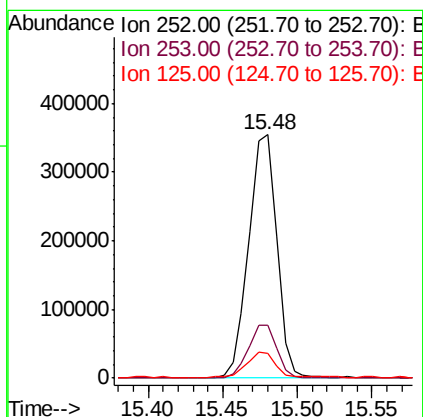
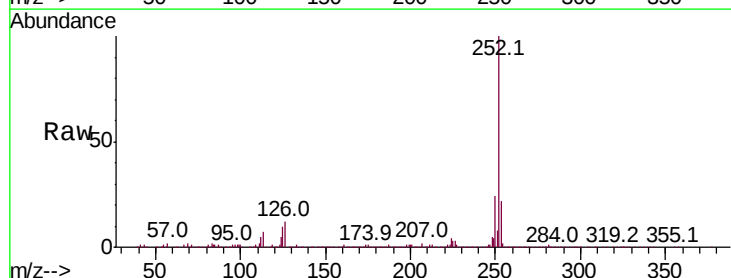
Instrument :
BNA_F
ClientSampleId :
PB119350BS

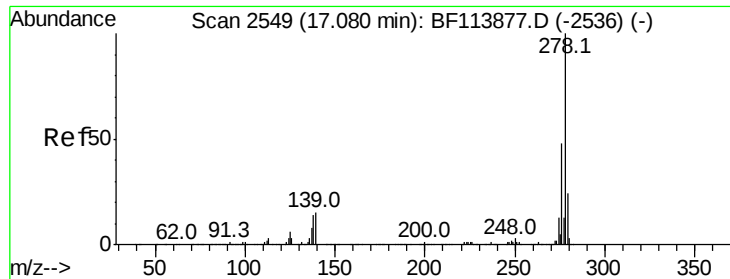
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.0	7.4	11.2



#90
Benzo(a)pyrene
Concen: 40.091 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF114055.D
Acq: 30 Apr 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 38.504 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.03 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_F

ClientSampleId :

PB119350BS

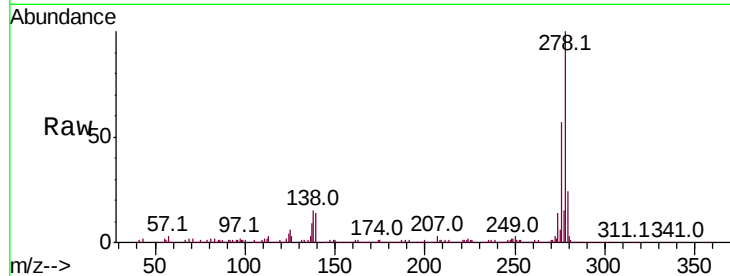
Tot Ion:278 Resp: 416447

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

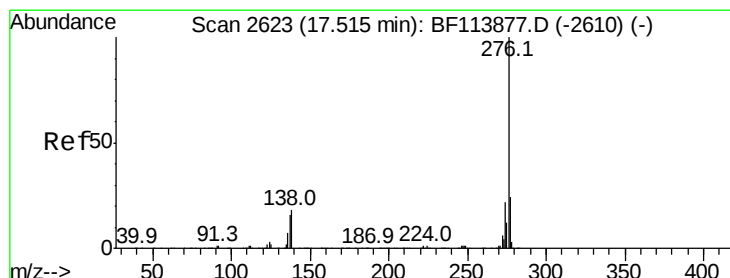
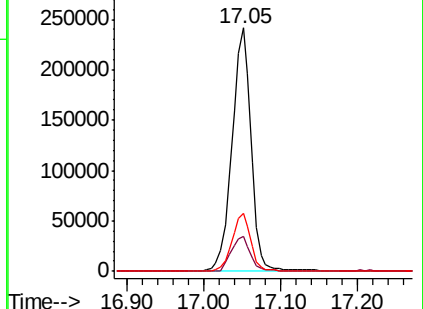
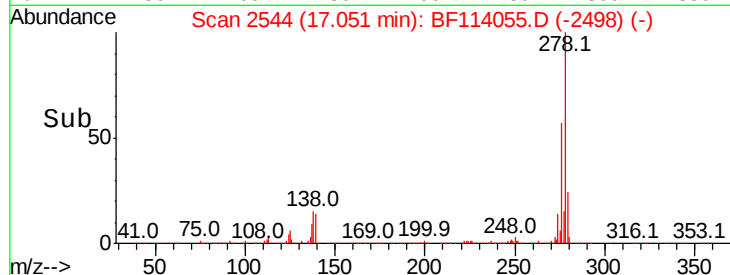
279 23.8 19.0 28.6



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(g,h,i)perylene

Concen: 45.002 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF114055.D

Acq: 30 Apr 2019 21:02

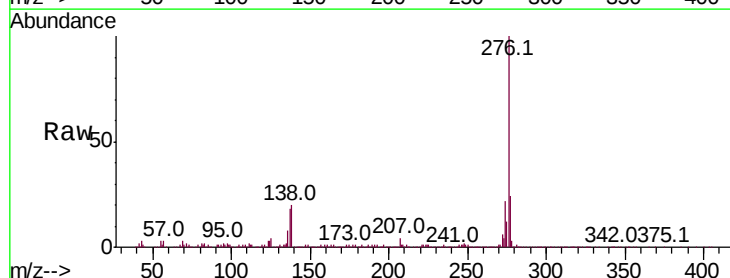
Tgt Ion:276 Resp: 491180

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 20.1 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

