

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104211.D
 Acq On : 4 Apr 2018 7:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 08:14:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	130959	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	564278	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	260699	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	465306	20.00	ng	0.00
75) Chrysene-d12	14.16	240	283921	20.00	ng	0.00
86) Perylene-d12	15.69	264	255736	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	607942	74.03	ng	0.00
7) Phenol-d6	6.60	99	821813	81.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	748416	81.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	228058	78.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1370955	82.93	ng	0.00
78) Terphenyl-d14	13.08	244	1237635	100.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	138925	39.225	ng	# 86
3) Pyridine	3.59	79	306530	34.187	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	60685	22.770	ng	# 69
6) Aniline	6.63	93	497745	41.154	ng	95
8) 2-Chlorophenol	6.75	128	378059	41.969	ng	93
9) Benzaldehyde	6.52	77	152840	26.182	ng	94
10) Phenol	6.61	94	442834	39.559	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	426479	44.212	ng	89
12) 1,3-Dichlorobenzene	6.90	146	407488	40.242	ng	99
13) 1,4-Dichlorobenzene	6.97	146	469778	43.298	ng	99
14) 1,2-Dichlorobenzene	7.13	146	407530	41.789	ng	99
15) Benzyl Alcohol	7.10	79	248351	37.807	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	435467	41.437	ng	66
17) 2-Methylphenol	7.21	107	309774	42.252	ng	93
18) Hexachloroethane	7.46	117	149532	41.163	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	247421	41.266	ng	91
20) 3+4-Methylphenols	7.37	107	398756	42.616	ng	# 71
22) Acetophenone	7.37	105	554014	40.579	ng	97
24) Nitrobenzene	7.55	77	384261	39.581	ng	94
25) Isophorone	7.77	82	669689	39.383	ng	99
26) 2-Nitrophenol	7.86	139	204705	40.395	ng	89
27) 2,4-Dimethylphenol	7.89	122	295899	40.487	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	425281	39.904	ng	99
29) 2,4-Dichlorophenol	8.10	162	309215	40.506	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	360148	41.580	ng	99
31) Naphthalene	8.26	128	1051974	38.161	ng	100
32) Benzoic acid	8.03	122	160520	29.981	ng	91
33) 4-Chloroaniline	8.32	127	491774	42.314	ng	96
34) Hexachlorobutadiene	8.37	225	192049	40.746	ng	98
35) Caprolactam	8.70	113	94736	39.138	ng	# 68
36) 4-Chloro-3-methylphenol	8.80	107	327908	40.611	ng	94
37) 2-Methylnaphthalene	8.96	142	706109	38.886	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	329055	41.161	ng	97
40) Hexachlorocyclopentadiene	9.10	237	61512	20.632	ng	95

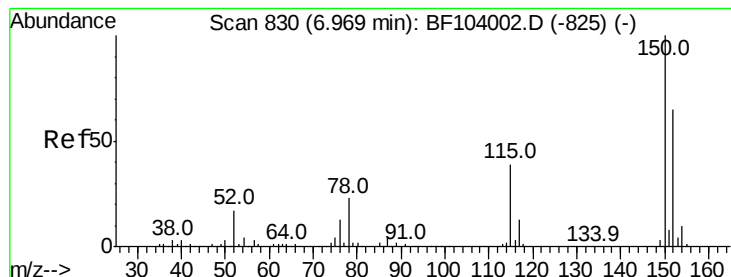
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	186269	36.796	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	244409	39.987	ng	96
45) 1,1'-Biphenyl	9.42	154	914729	40.882	ng	99
46) 2-Chloronaphthalene	9.45	162	729089	41.309	ng	98
47) 2-Nitroaniline	9.55	65	201501	40.038	ng	95
48) Acenaphthylene	9.86	152	1055155	39.462	ng	100
49) Dimethylphthalate	9.72	163	808757	39.292	ng	99
50) 2,6-Dinitrotoluene	9.79	165	173954	39.283	ng	# 85
51) Acenaphthene	10.04	154	631076	40.798	ng	99
52) 3-Nitroaniline	9.97	138	206385	40.544	ng	98
53) 2,4-Dinitrophenol	10.10	184	15085	12.832	ng	# 63
54) Dibenzofuran	10.21	168	888644	39.341	ng	98
55) 4-Nitrophenol	10.15	139	72234	23.666	ng	90
56) 2,4-Dinitrotoluene	10.20	165	219509	38.847	ng	# 96
57) Fluorene	10.55	166	732719	39.324	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	177437	38.747	ng	# 85
59) Diethylphthalate	10.41	149	775456	39.327	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	357759	41.805	ng	96
61) 4-Nitroaniline	10.60	138	185010	38.842	ng	89
62) Azobenzene	10.70	77	698999	39.204	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	66675	23.672	ng	89
65) n-Nitrosodiphenylamine	10.66	169	646640	41.035	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	202846	40.748	ng	# 88
67) Hexachlorobenzene	11.10	284	227991	39.814	ng	# 89
68) Atrazine	11.19	200	196198	40.640	ng	98
69) Pentachlorophenol	11.30	266	110142	34.954	ng	97
70) Phenanthrene	11.52	178	970737	38.533	ng	99
71) Anthracene	11.57	178	1129580	42.927	ng	99
72) Carbazole	11.73	167	1015281	40.425	ng	99
73) Di-n-butylphthalate	12.04	149	1189986	39.778	ng	99
74) Fluoranthene	12.72	202	985343	36.797	ng	99
76) Benzidine	12.84	184	336575	41.598	ng	98
77) Pyrene	12.94	202	970454	47.548	ng	99
79) Butylbenzylphthalate	13.54	149	461849	48.031	ng	98
80) Benzo(a)anthracene	14.14	228	673507	37.911	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	233327	39.679	ng	99
82) Chrysene	14.18	228	734635	42.219	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	608828	49.004	ng	99
84) Di-n-octyl phthalate	14.72	149	904772	42.335	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.29	276	701365	38.897	ng	97
87) Benzo(b)fluoranthene	15.23	252	568701	36.540	ng	98
88) Benzo(k)fluoranthene	15.26	252	635073	43.316	ng	100
89) Benzo(a)pyrene	15.63	252	580638	40.258	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	590146	44.256	ng	99
91) Benzo(g,h,i)perylene	17.77	276	569484	42.637	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

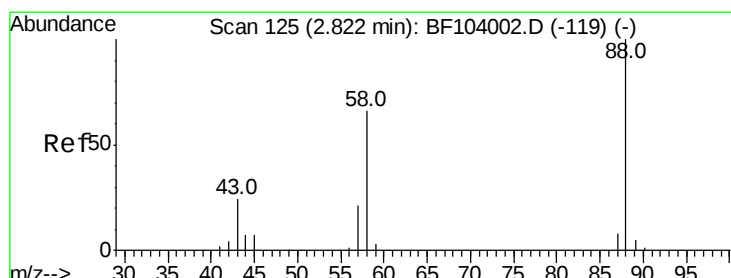
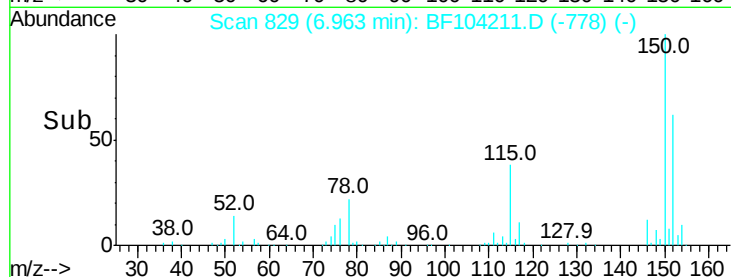
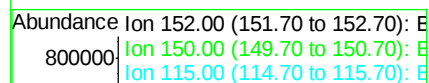
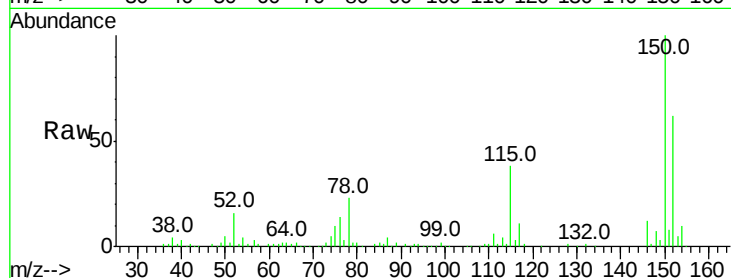
Tot Ion:152 Resp: 130959

Ion Ratio Lower Upper

152 100

150 162.1 124.6 186.8

115 60.8 50.1 75.1



#2

1,4-Dioxane

Concen: 39.225 ng

RT: 2.79 min Scan# 119

Delta R.T. 0.02 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

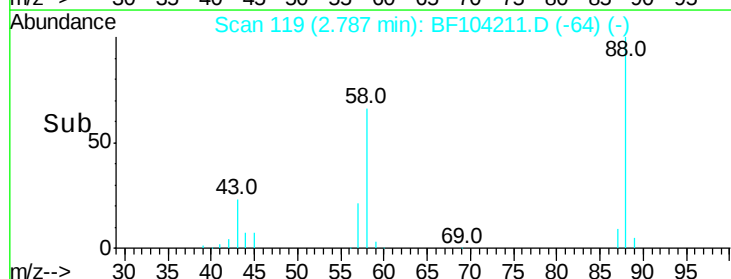
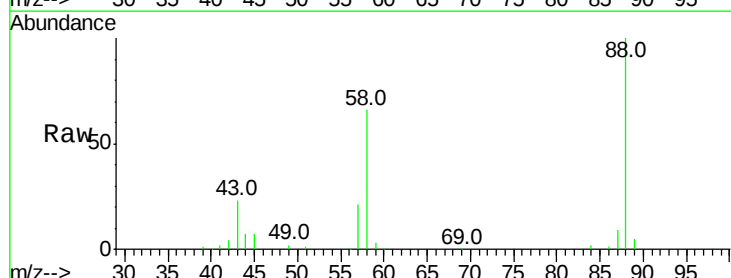
Tgt Ion: 88 Resp: 138925

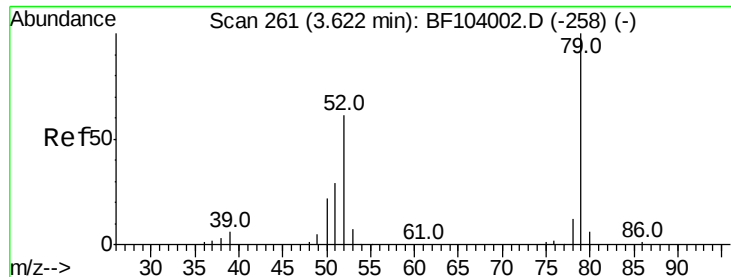
Ion Ratio Lower Upper

88 100

58 66.5 62.6 93.8

43 22.8 24.6 37.0#





#3

Pvridine

Concen: 34.187 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

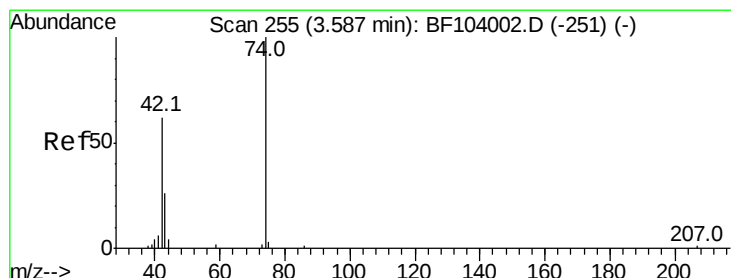
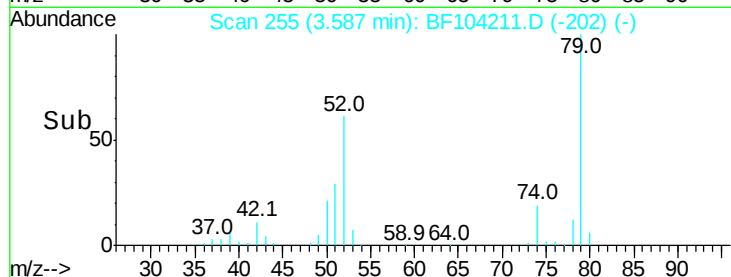
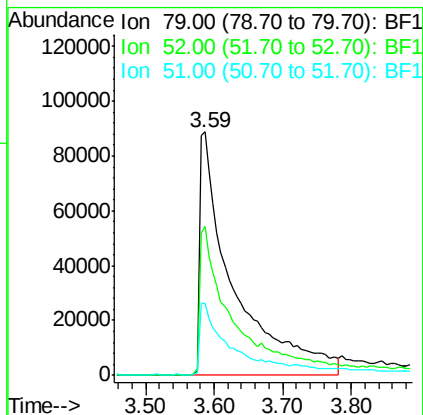
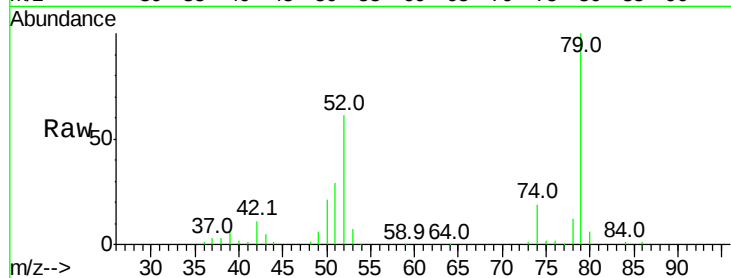
Tot Ion: 79 Resp: 306530

Ion Ratio Lower Upper

79 100

52 61.4 59.8 89.6

51 29.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 22.770 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.02 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

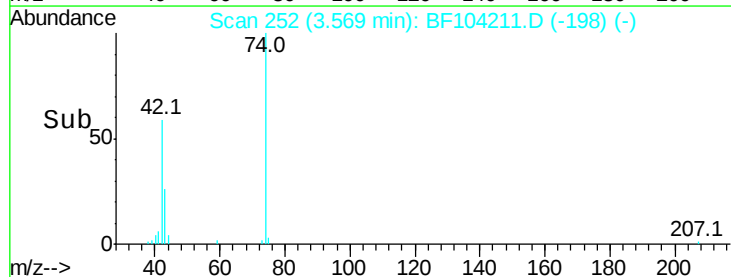
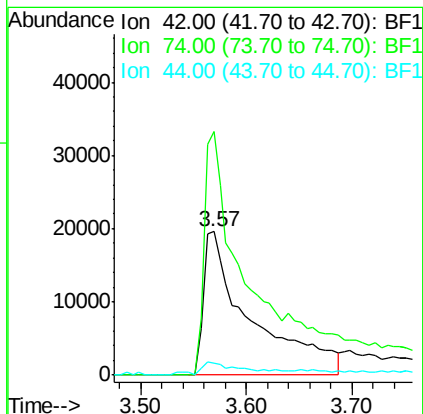
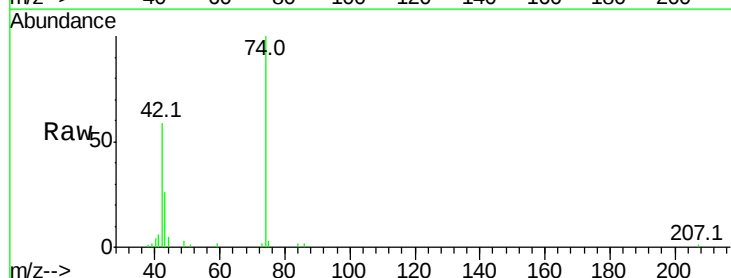
Tgt Ion: 42 Resp: 60685

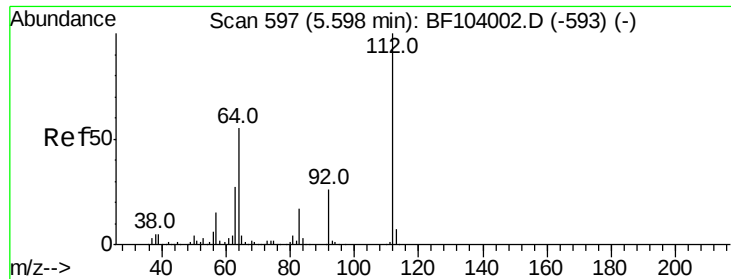
Ion Ratio Lower Upper

42 100

74 170.0 104.9 157.3#

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 74.032 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

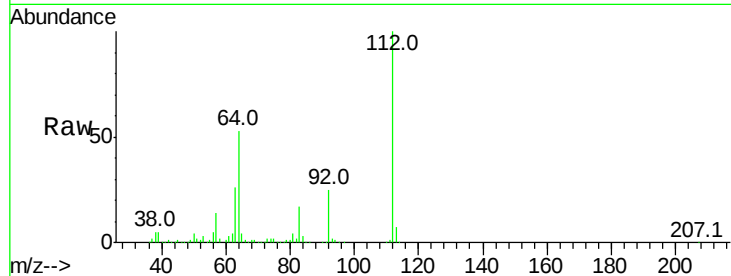
Tot Ion:112 Resp: 607942

Ion Ratio Lower Upper

112 100

64 53.1 47.9 71.9

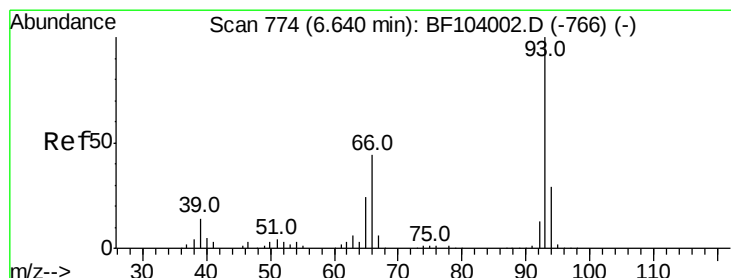
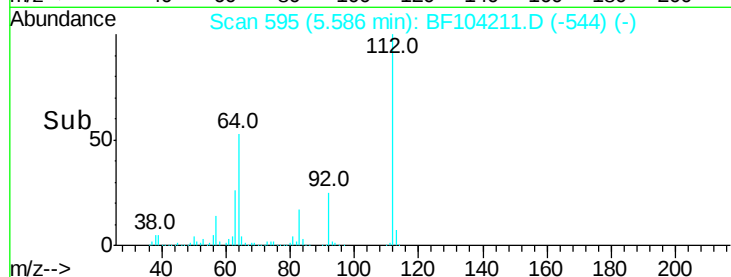
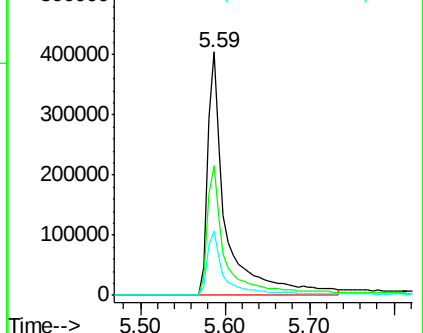
63 26.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.154 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

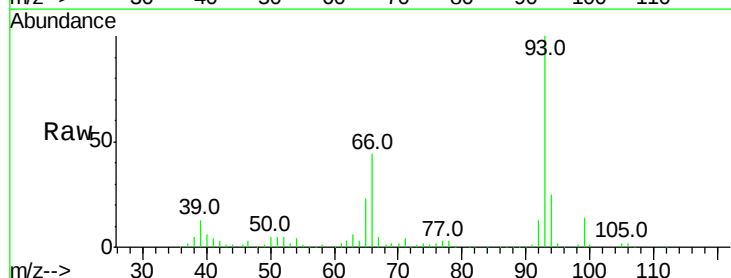
Tgt Ion: 93 Resp: 497745

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

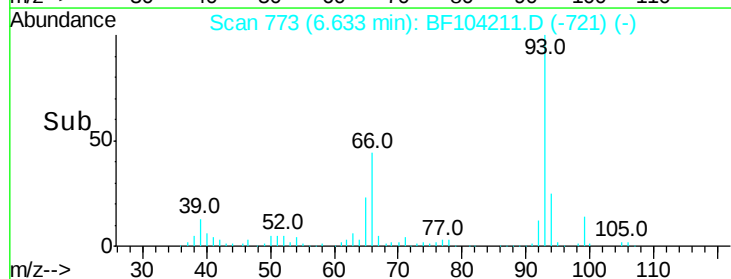
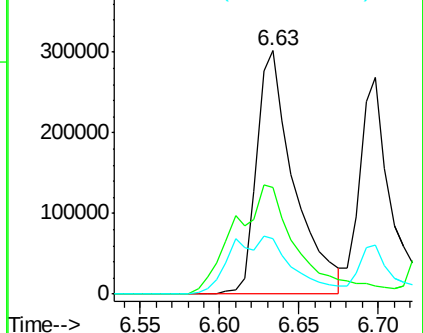
65 22.5 16.4 24.6

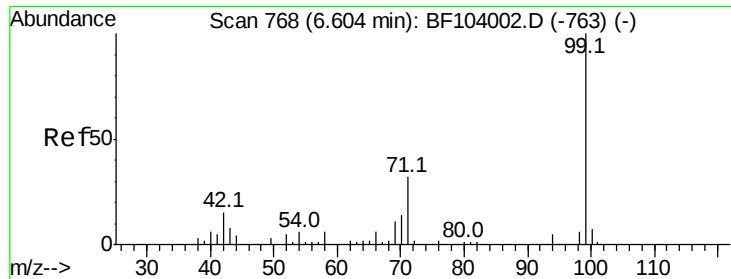


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.343 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

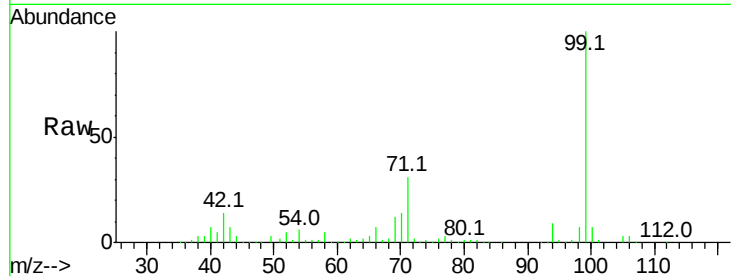
Tot Ion: 99 Resp: 821813

Ion Ratio Lower Upper

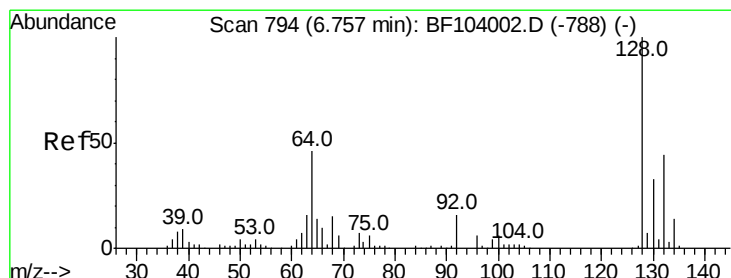
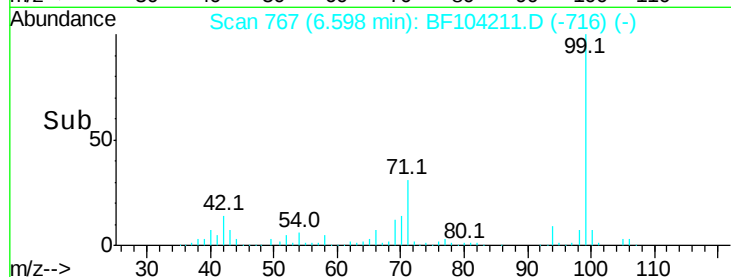
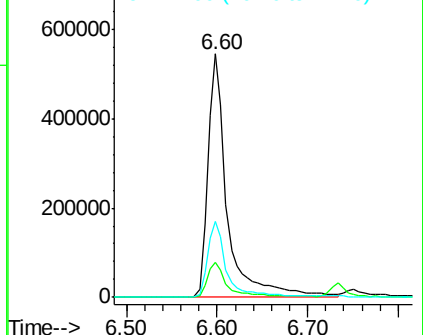
99 100

42 14.4 14.5 21.7#

71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.969 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

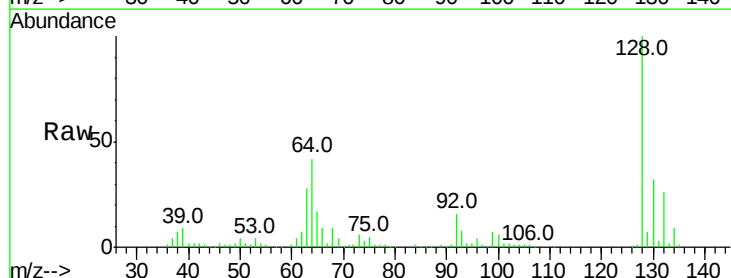
Tgt Ion: 128 Resp: 378059

Ion Ratio Lower Upper

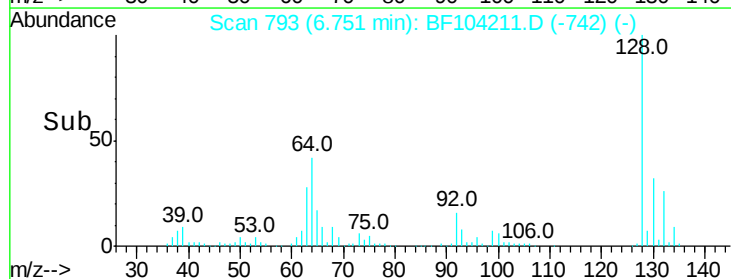
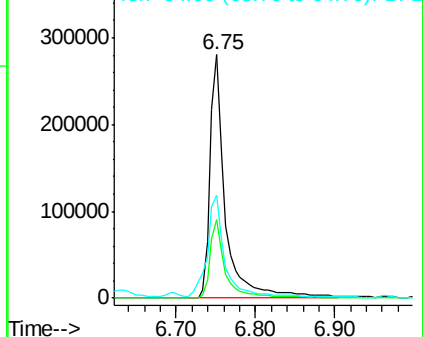
128 100

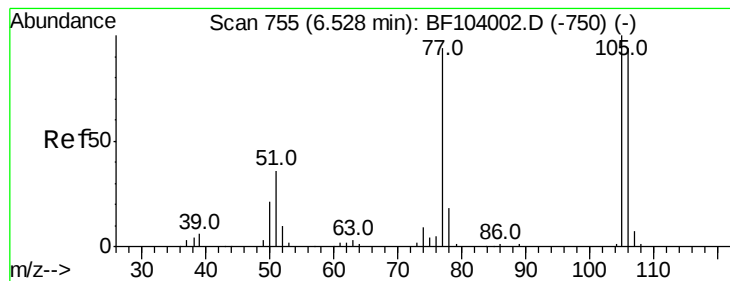
130 32.4 13.0 53.0

64 42.0 29.4 69.4



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: 26.182 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampled :

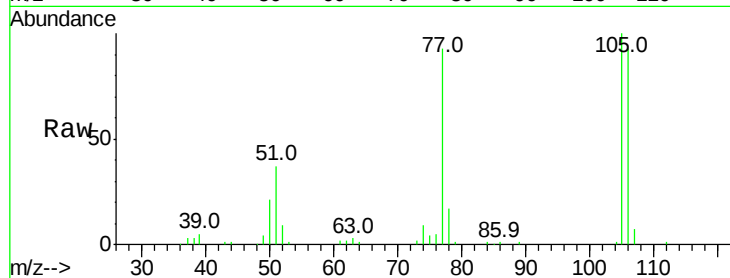
Tot Ion: 77 Resp: 152840

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

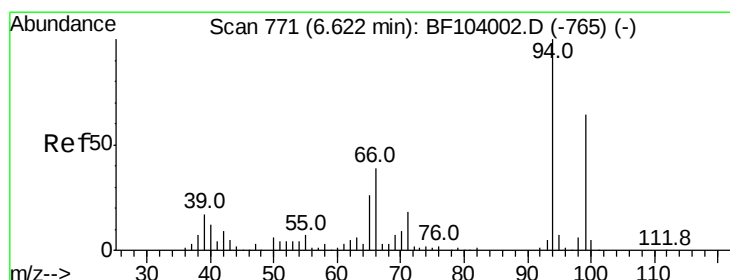
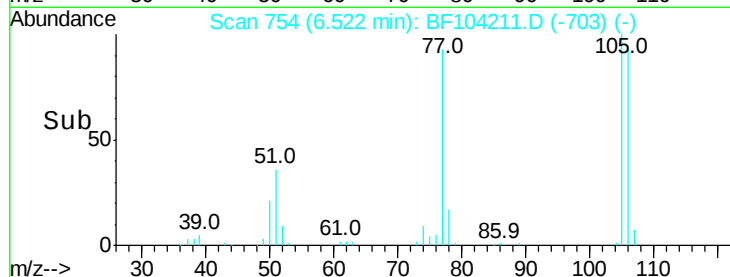
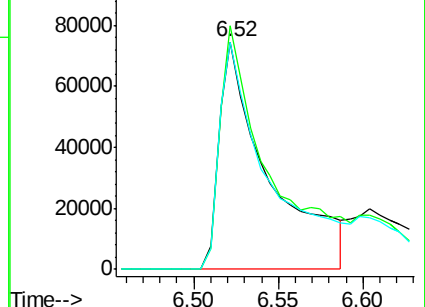
106 99.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.559 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

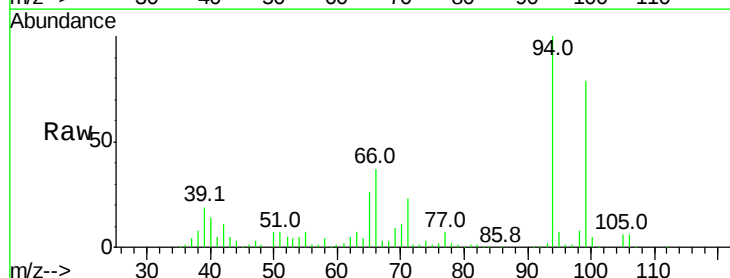
Tgt Ion: 94 Resp: 442834

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

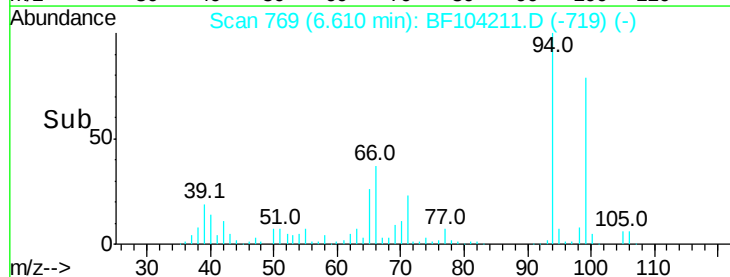
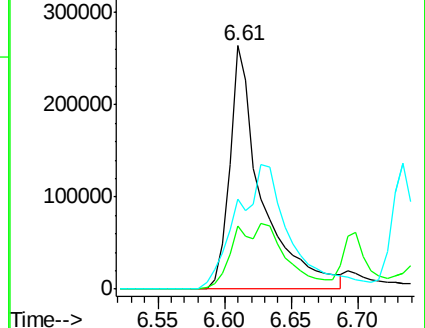
66 36.8 16.2 56.2

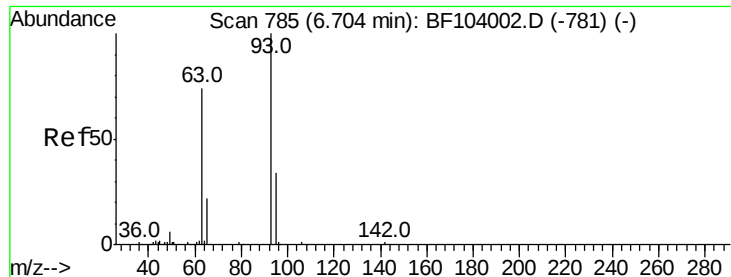


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.212 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

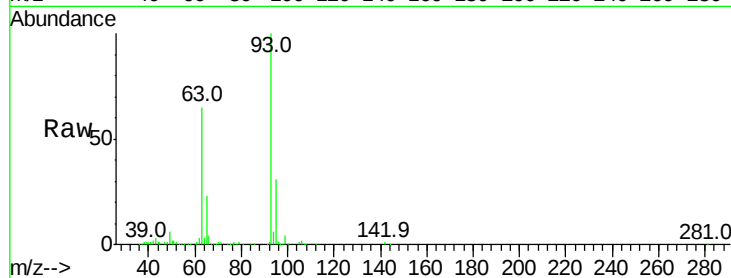
Tot Ion: 93 Resp: 426479

Ion Ratio Lower Upper

93 100

63 65.4 58.6 98.6

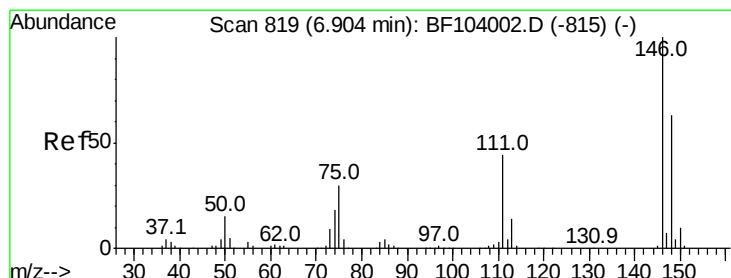
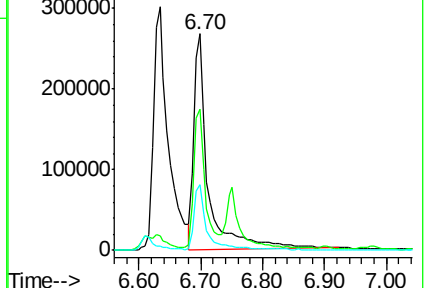
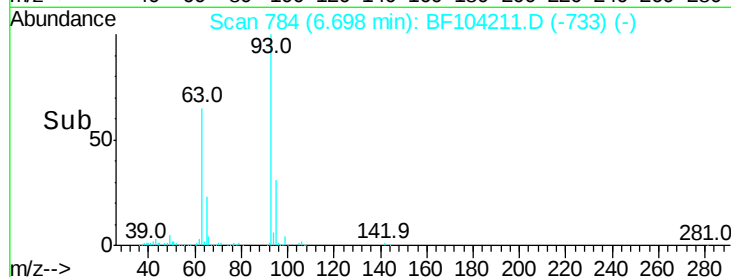
95 30.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.242 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

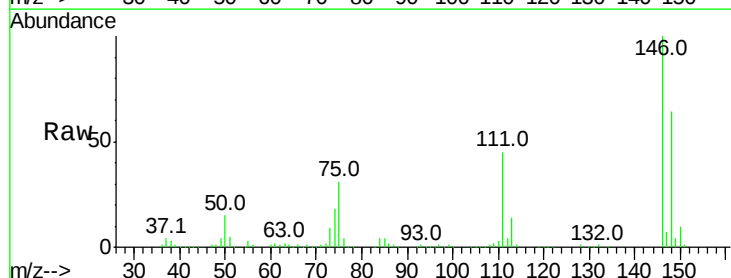
Tgt Ion: 146 Resp: 407488

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

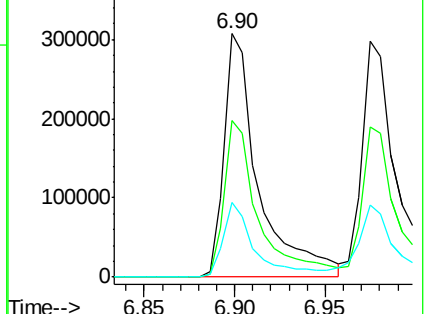
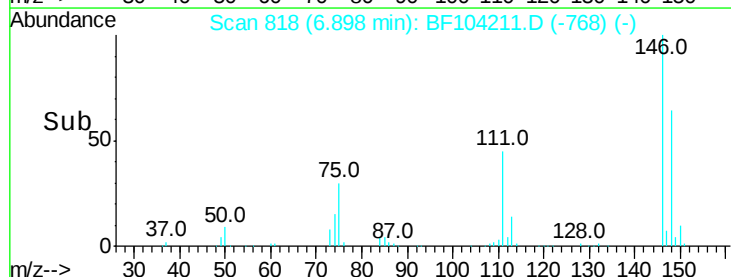
75 30.8 24.2 36.4

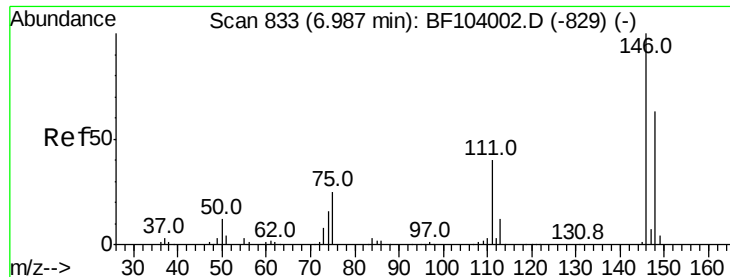


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

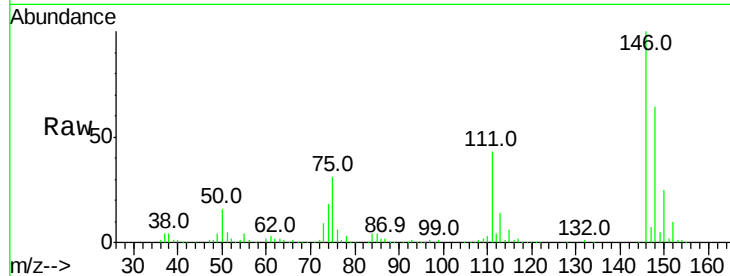




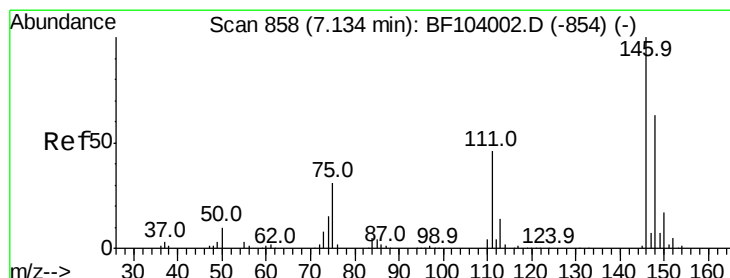
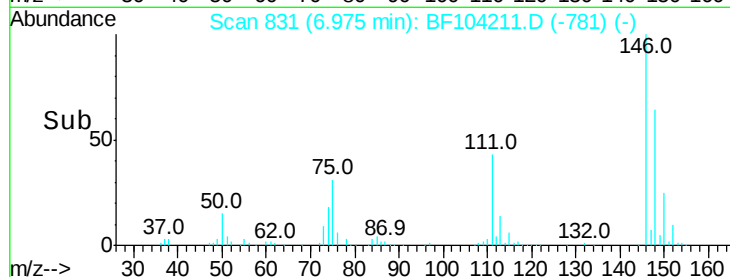
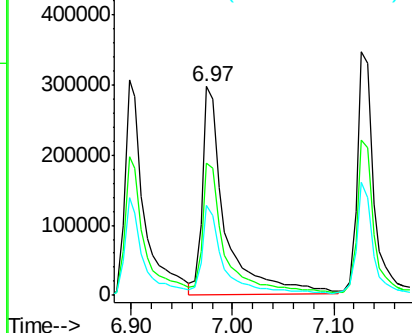
#13
 1,4-Dichlorobenzene
 Concen: 43.298 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 469778
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.4 34.2 51.2

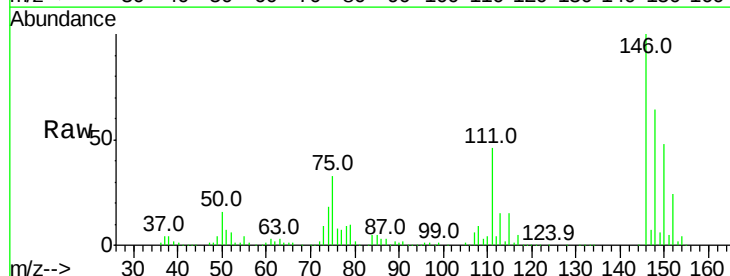


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

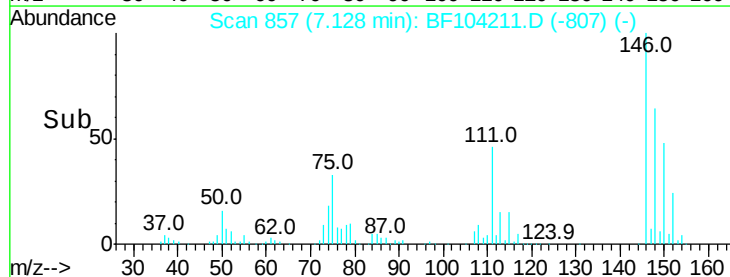
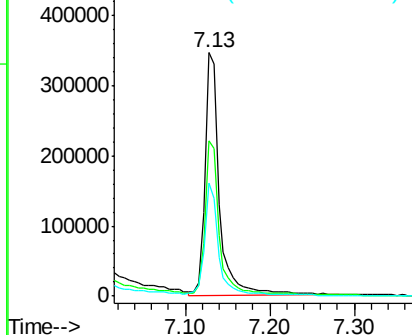


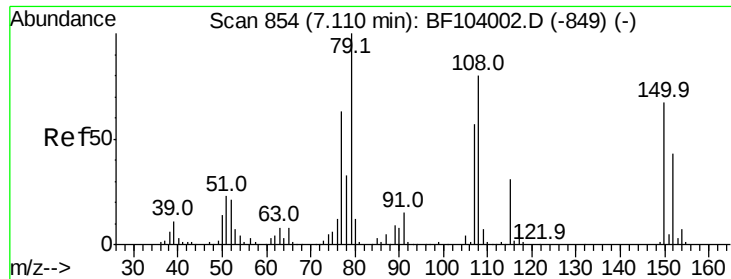
#14
 1,2-Dichlorobenzene
 Concen: 41.789 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:146 Resp: 407530
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 46.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

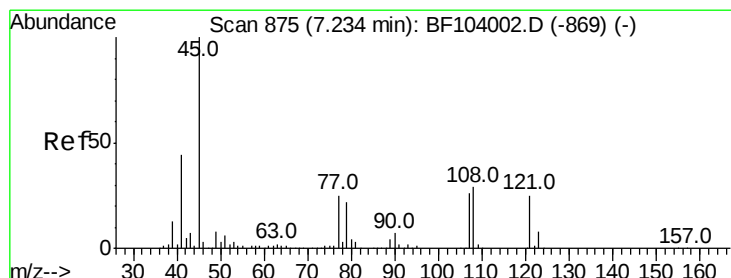
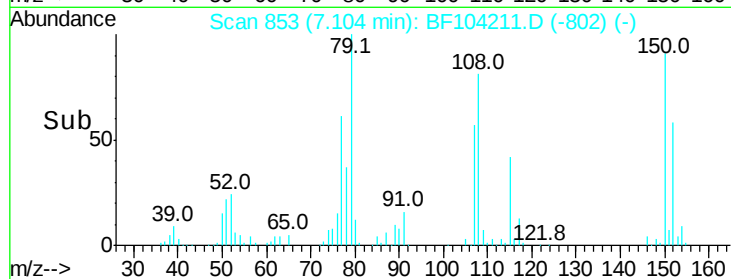
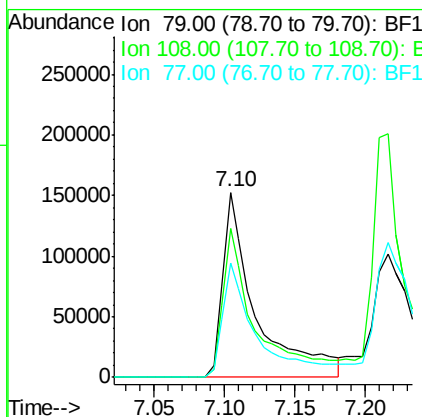
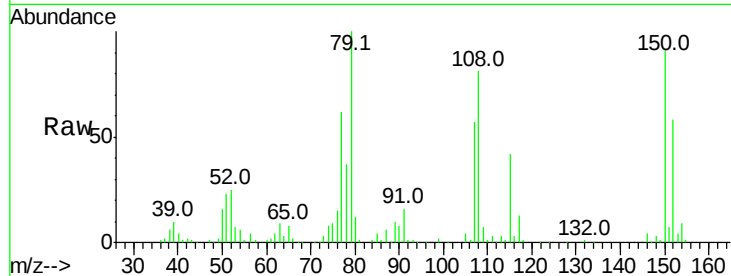




#15
Benzyl Alcohol
Concen: 37.807 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

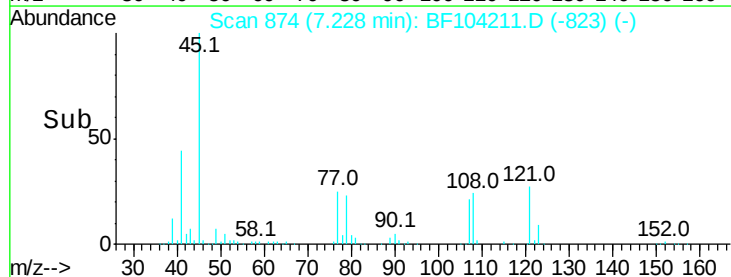
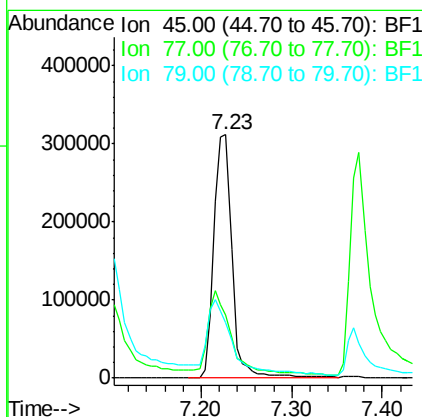
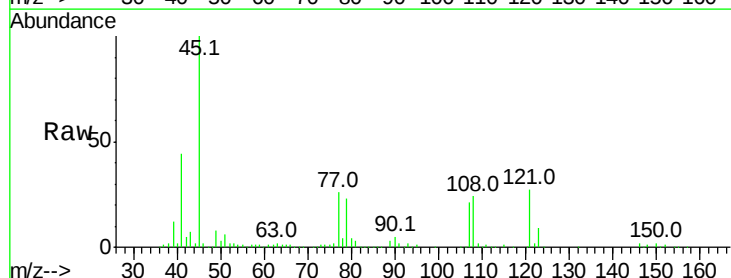
Instrument :
BNA_F
ClientSampled :

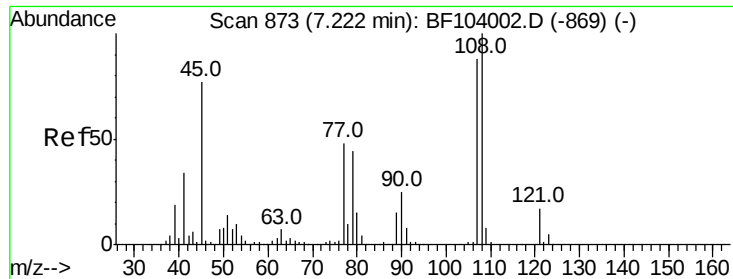
Tot Ion: 79 Resp: 248351
Ion Ratio Lower Upper
79 100
108 80.6 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.437 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion: 45 Resp: 435467
Ion Ratio Lower Upper
45 100
77 25.7 0.0 32.9
79 22.8 0.0 29.6

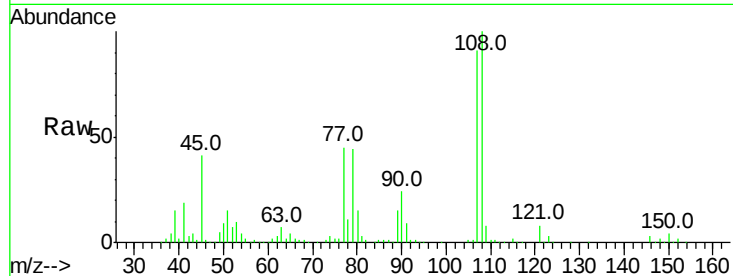




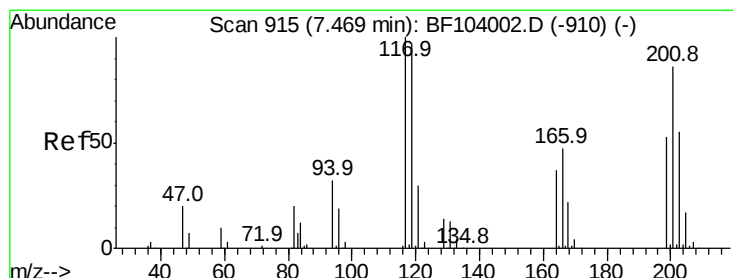
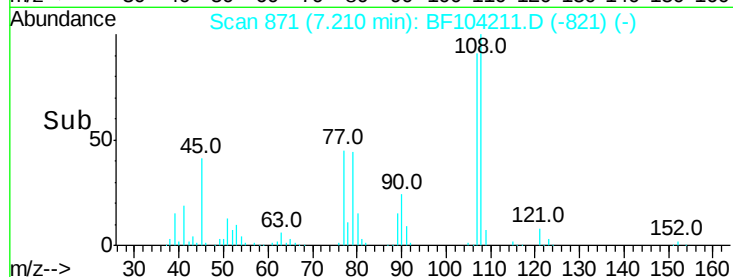
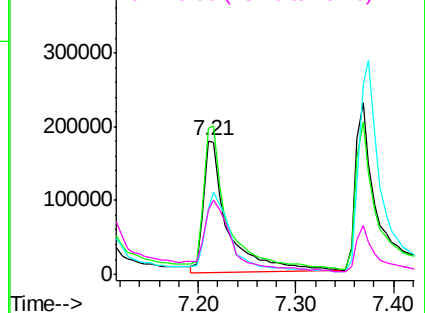
#17
2-Methylphenol
Concen: 42.252 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 309774
Ion Ratio Lower Upper
107 100
108 109.8 91.7 137.5
77 49.4 33.8 50.8
79 48.1 33.8 50.8

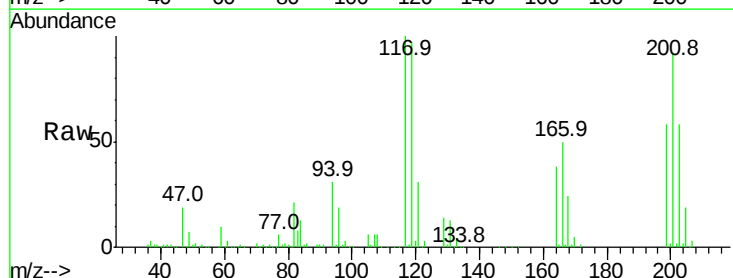


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

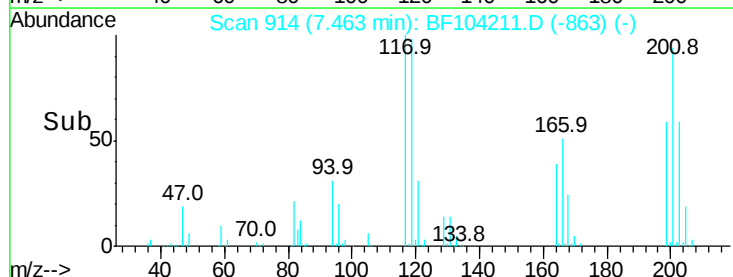
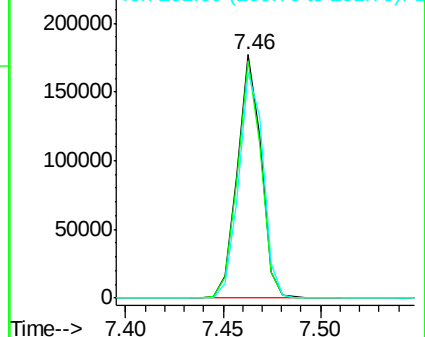


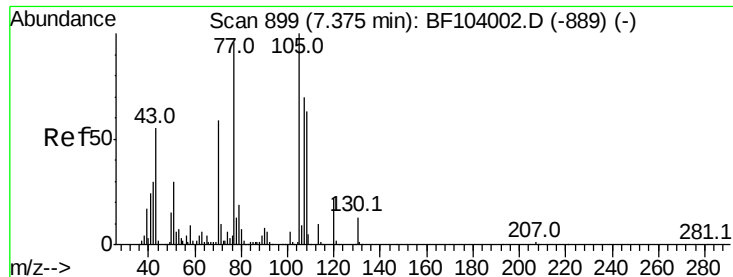
#18
Hexachloroethane
Concen: 41.163 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:117 Resp: 149532
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
201 92.5 75.7 113.5



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

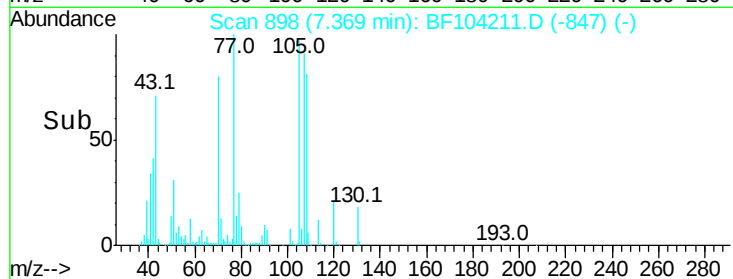
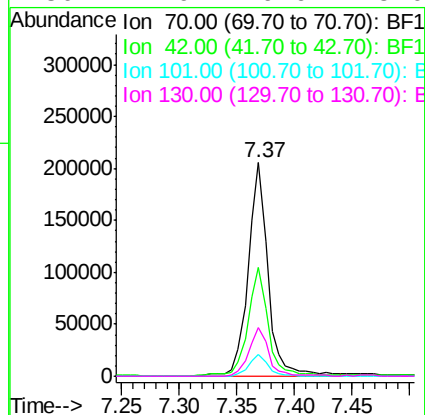
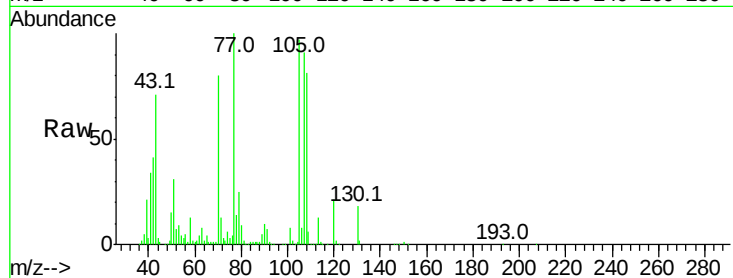




#19
n-Nitroso-di-n-propylamine
Concen: 41.266 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

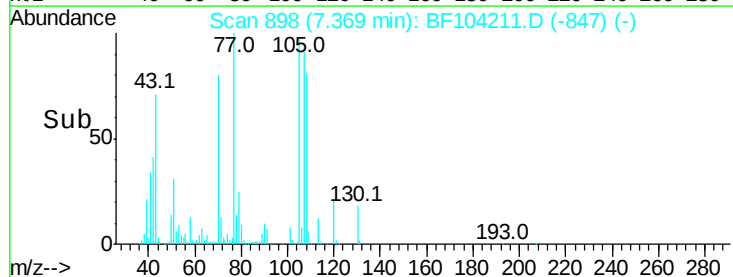
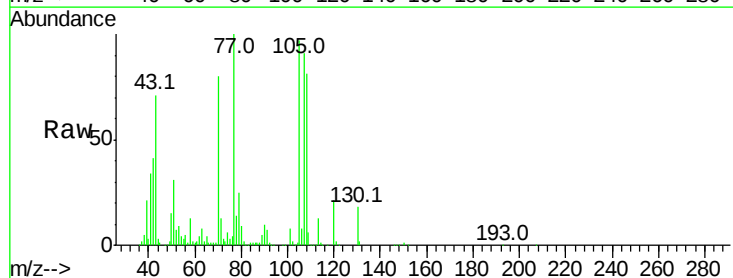
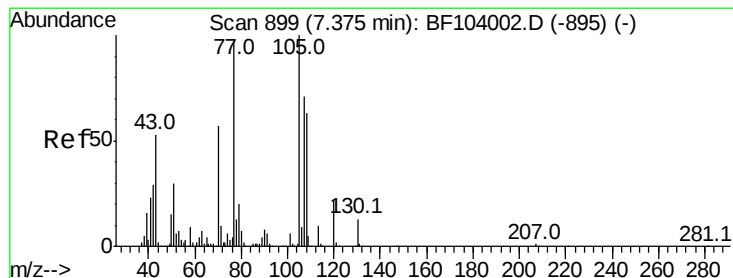
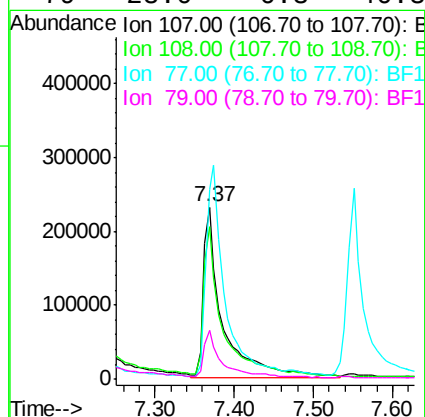
Instrument :
BNA_F
ClientSampleId :

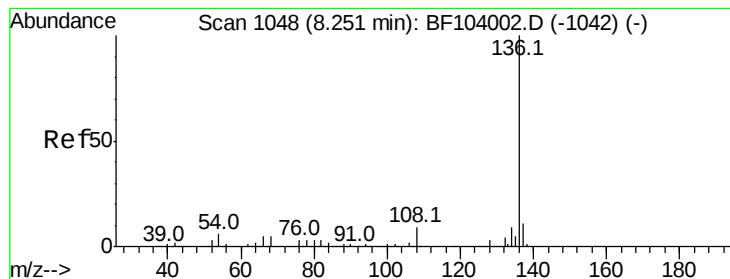
Tot Ion: 70 Resp: 247421
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 10.1 7.4 11.2
130 22.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.616 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:107 Resp: 398756
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 110.2 26.7 66.7#
79 28.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 564278

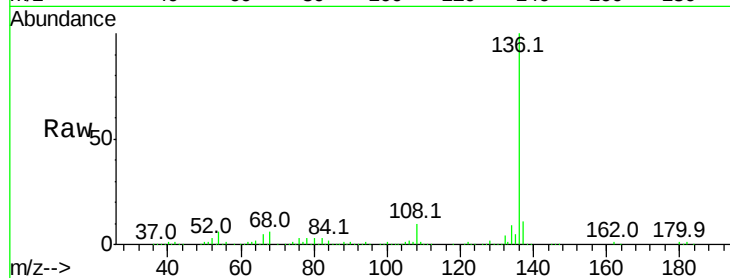
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

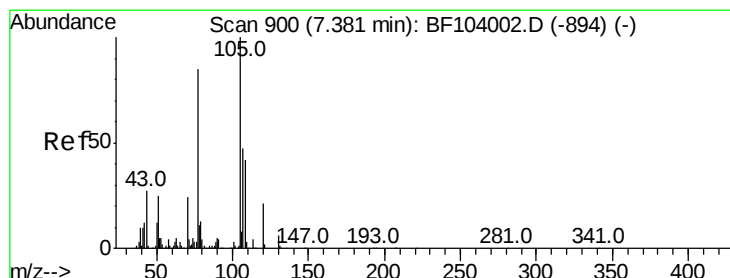
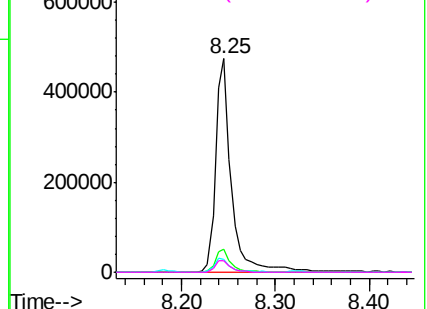
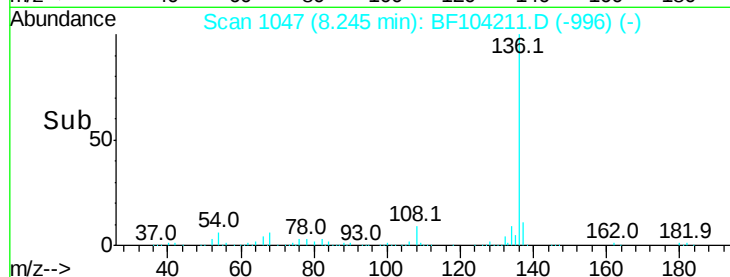


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.579 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Tgt Ion:105 Resp: 554014

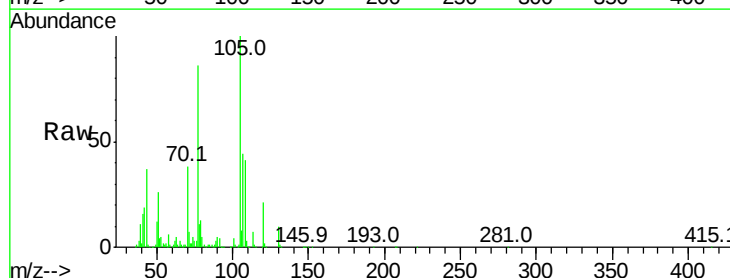
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6

51 25.8 22.3 33.5

120 21.4 16.9 25.3

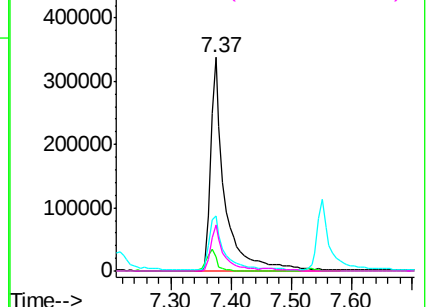
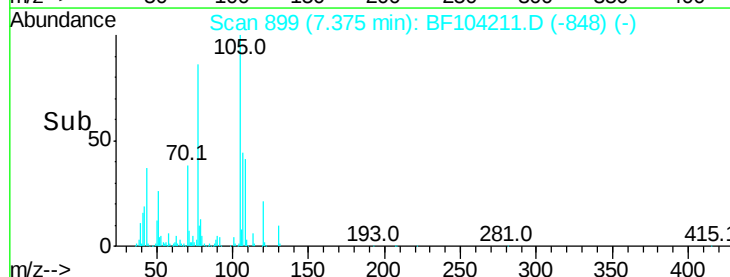


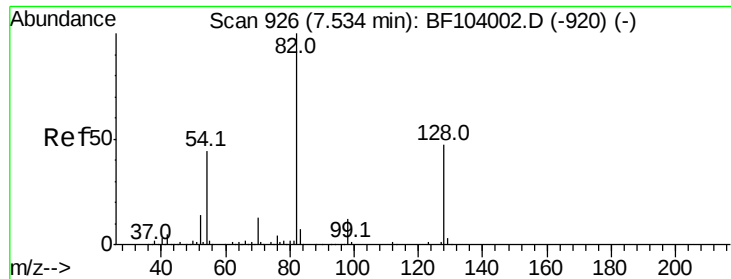
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

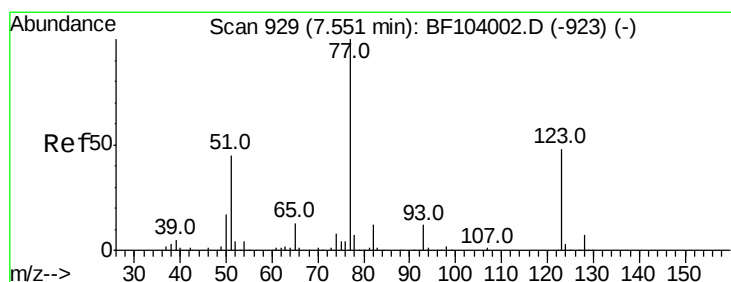
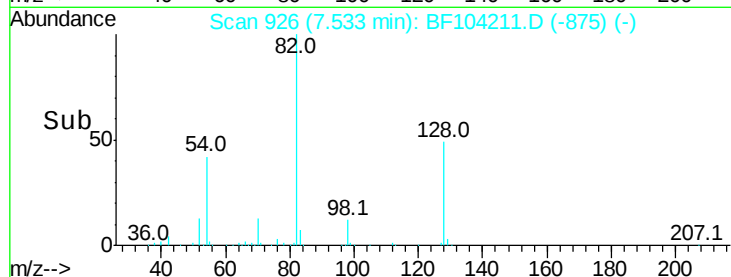
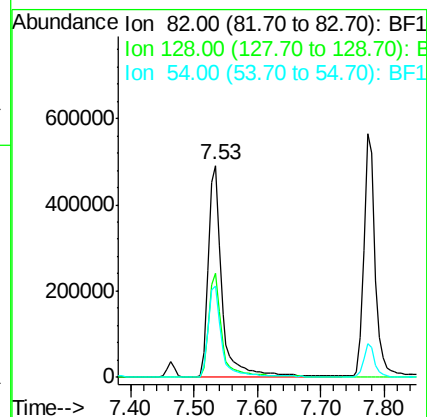
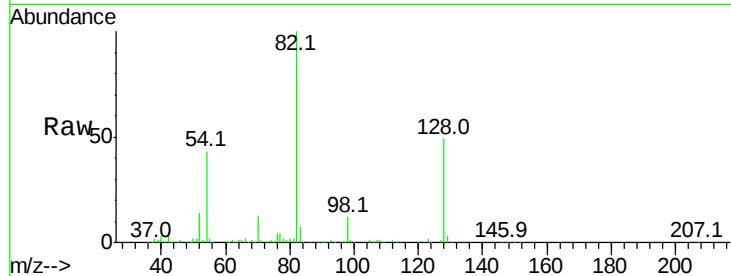




#23
Nitrobenzene-d5
Concen: 81.112 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

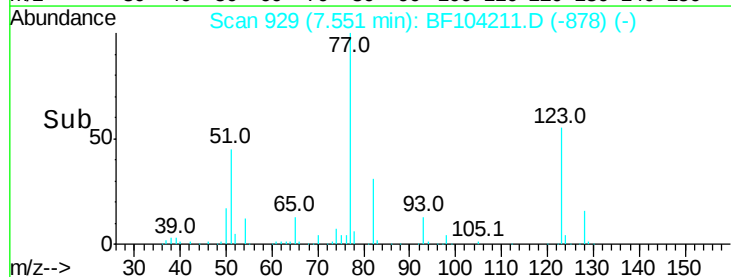
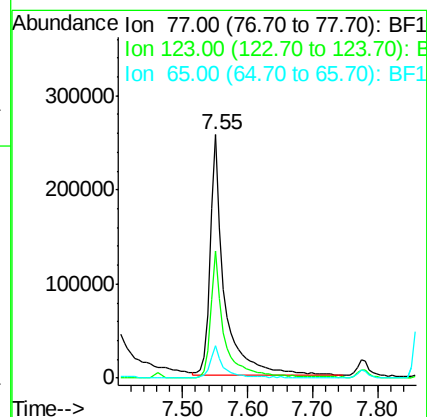
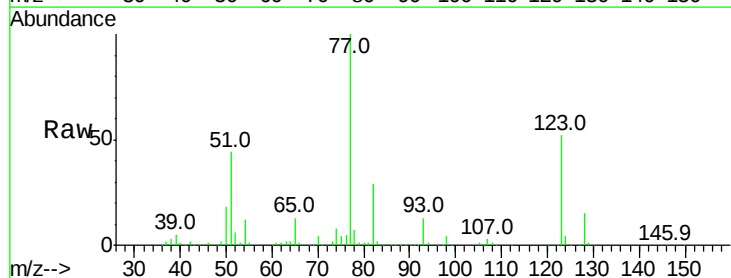
Instrument :
BNA_F
ClientSampleId :

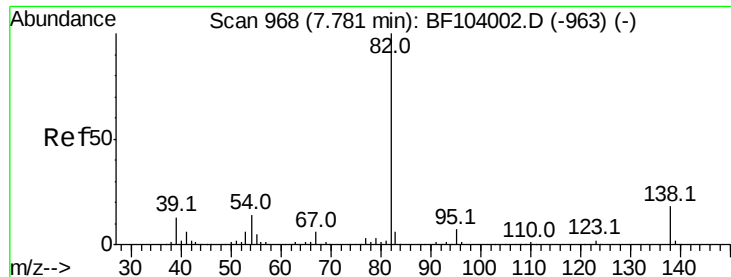
Tot Ion: 82 Resp: 748416
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 42.9 41.4 62.2



#24
Nitrobenzene
Concen: 39.581 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion: 77 Resp: 384261
Ion Ratio Lower Upper
77 100
123 52.1 37.9 56.9
65 13.1 11.0 16.4





#25

Isophorone

Concen: 39.383 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

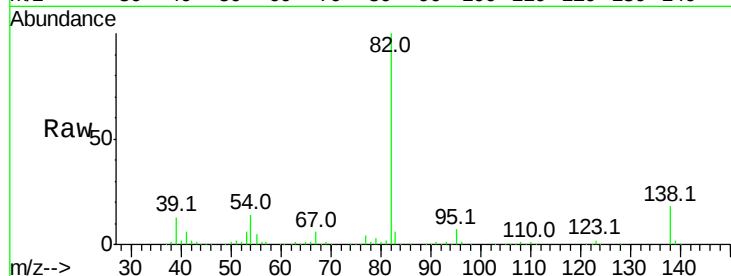
Tot Ion: 82 Resp: 669689

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

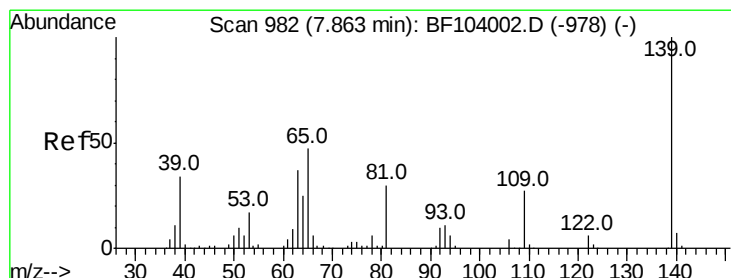
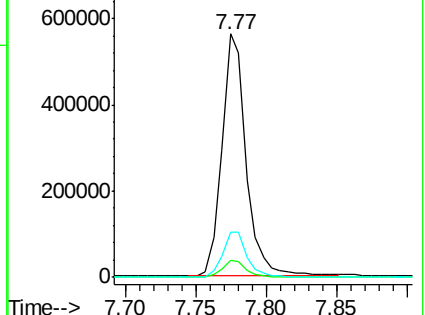
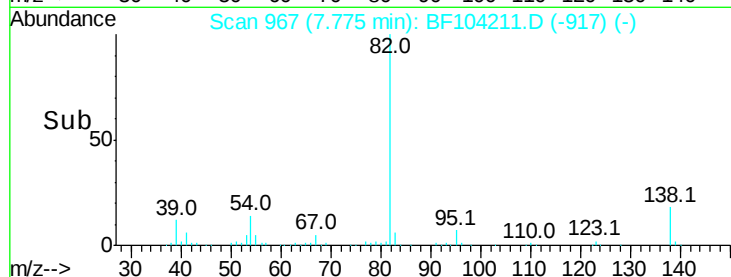
138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.395 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

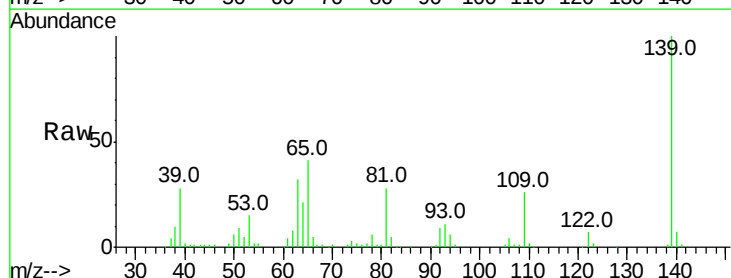
Tgt Ion: 139 Resp: 204705

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

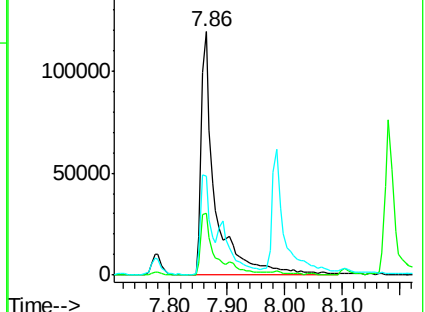
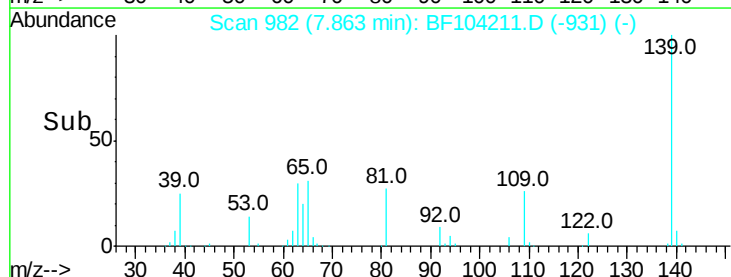
65 40.6 40.5 60.7

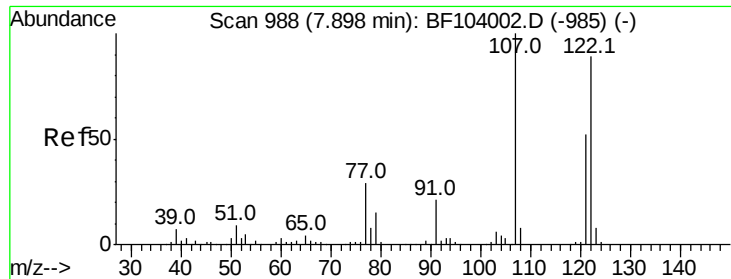


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

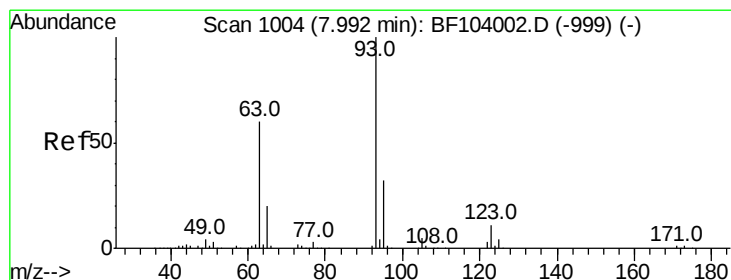
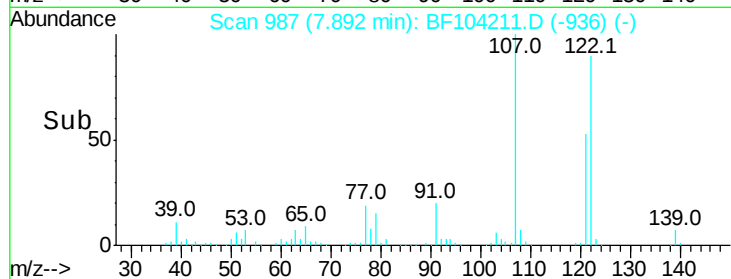
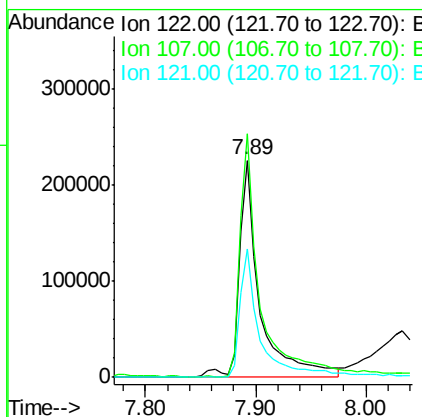
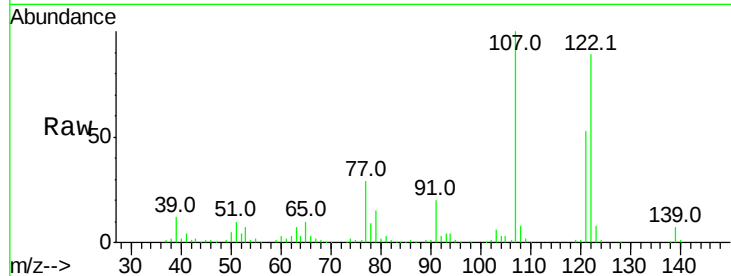




#27
 2,4-Dimethylphenol
 Concen: 40.487 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

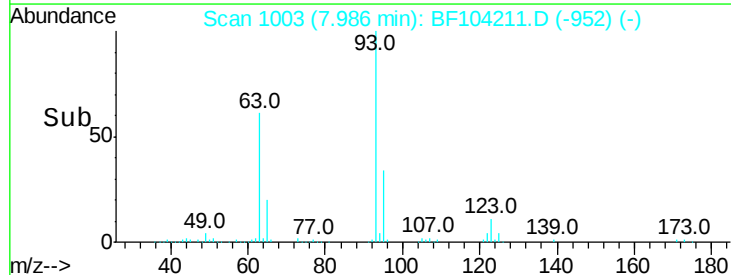
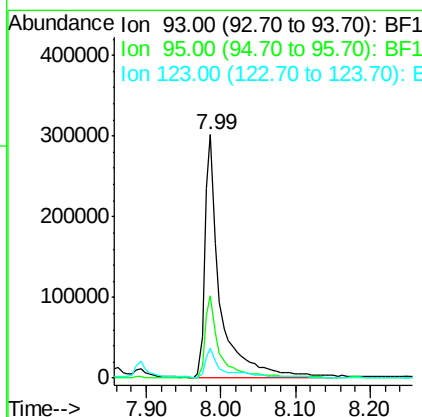
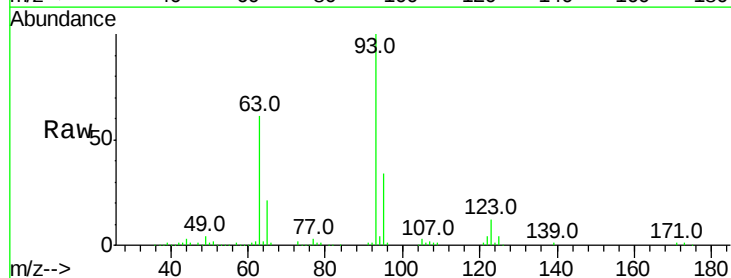
Instrument :
 BNA_F
 ClientSampleId :

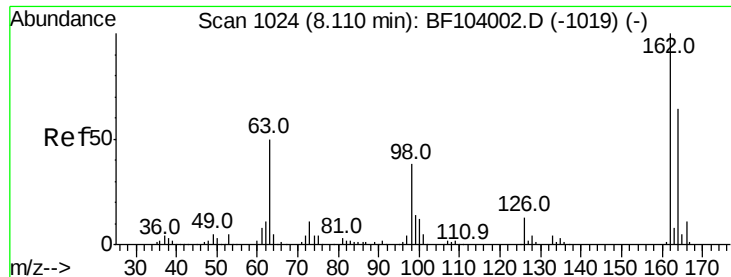
Tot Ion:122 Resp: 295899
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.904 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion: 93 Resp: 425281
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.3 39.5
 123 12.0 9.8 14.6

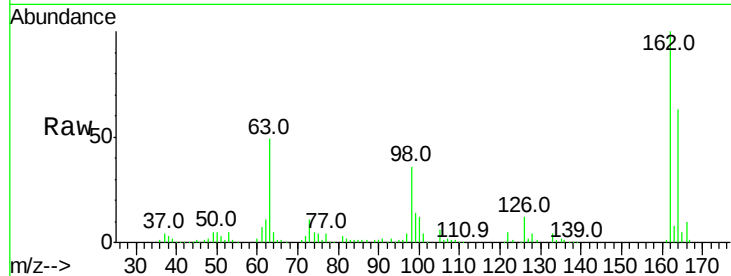




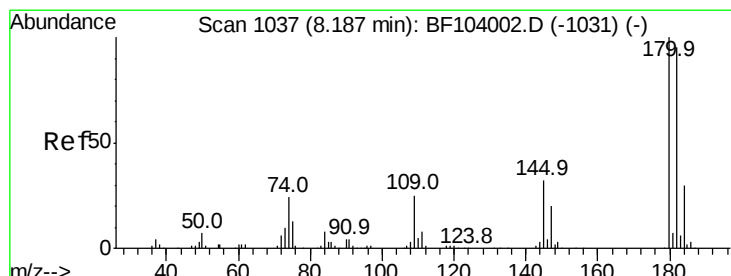
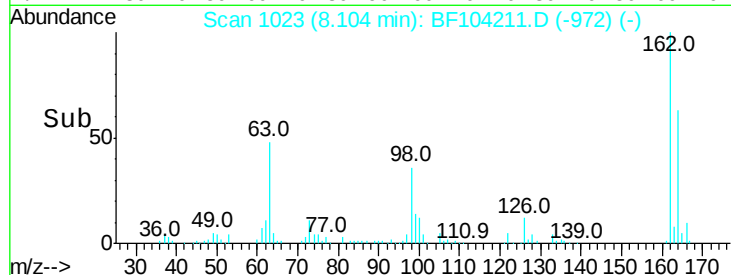
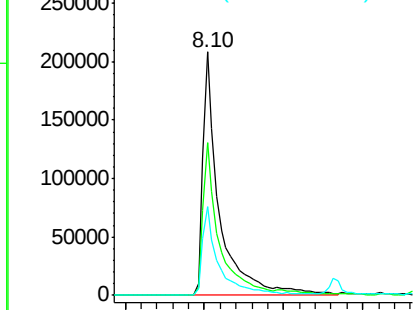
#29
 2,4-Dichlorophenol
 Concen: 40.506 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	36.2	18.1	58.1

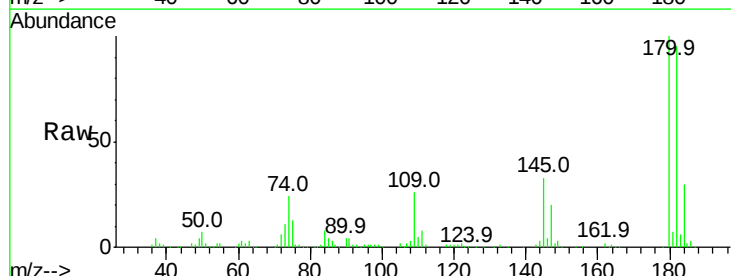


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

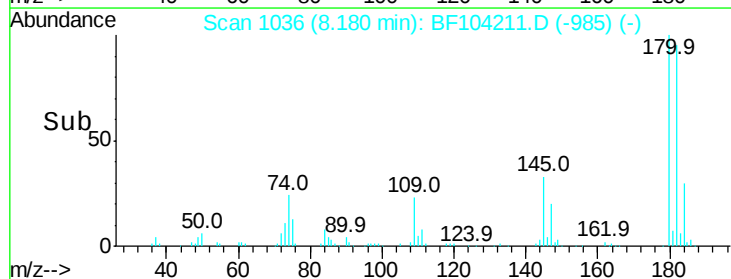
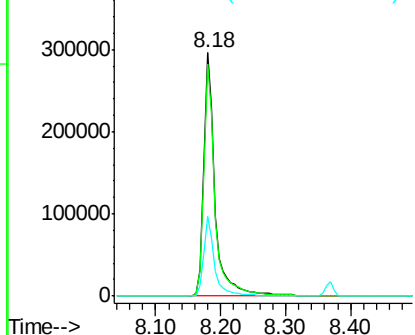


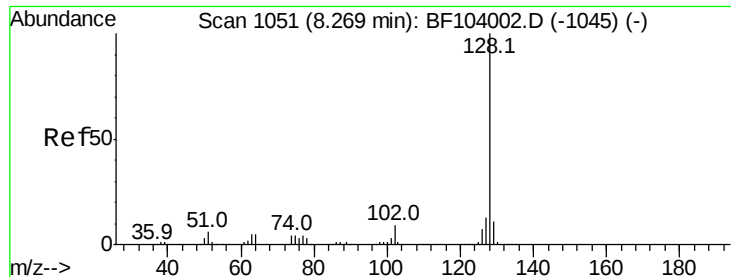
#30
 1,2,4-Trichlorobenzene
 Concen: 41.580 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	32.9	26.5	39.7



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





#31

Naphthalene

Concen: 38.161 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

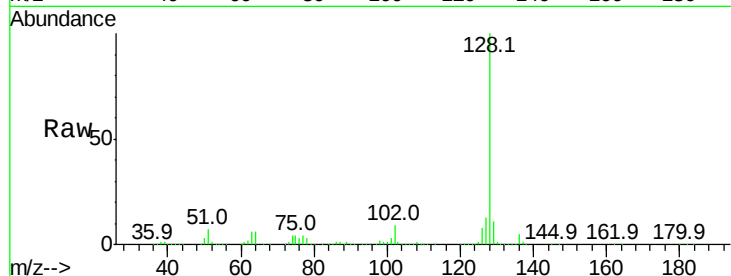
Tot Ion:128 Resp: 1051974

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

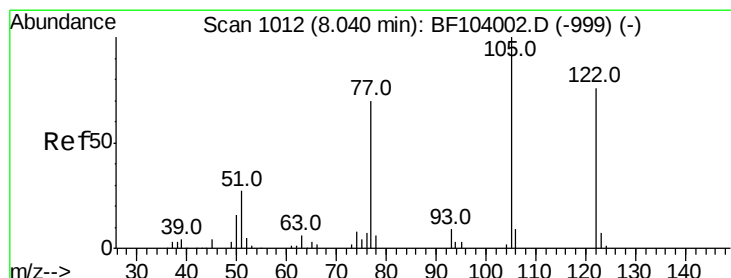
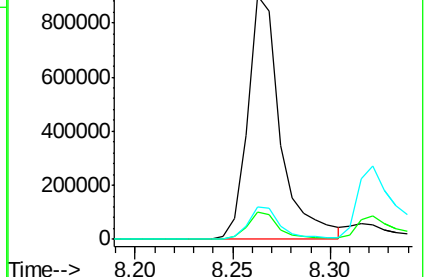
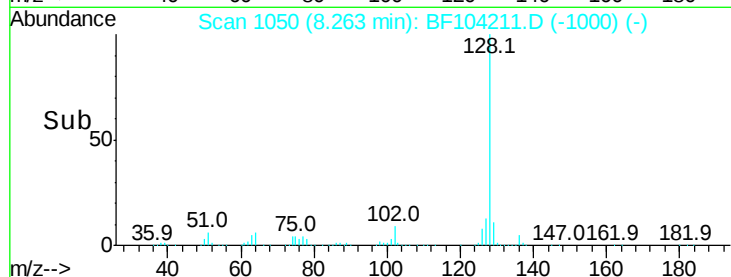
127 13.4 10.9 16.3



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: 29.981 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

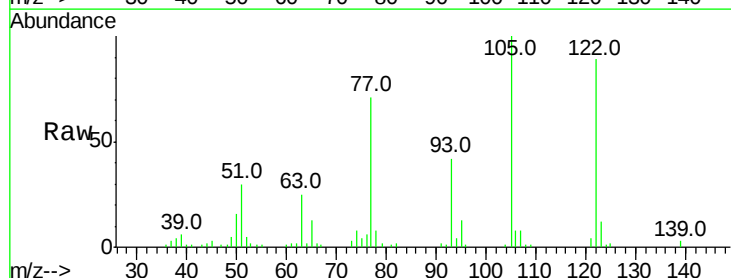
Tgt Ion:122 Resp: 160520

Ion Ratio Lower Upper

122 100

105 112.9 101.1 141.1

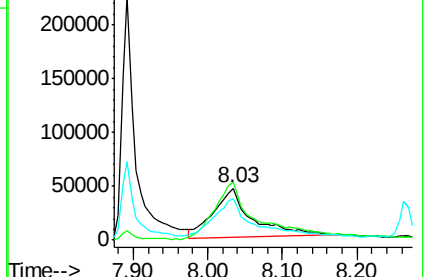
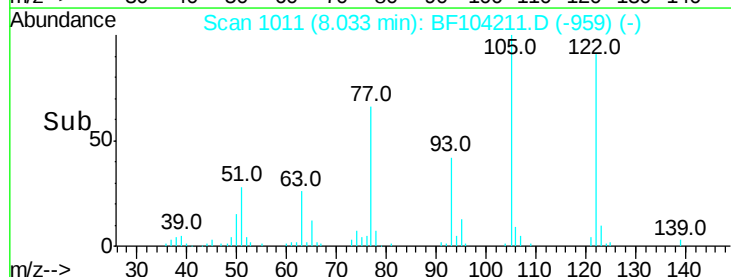
77 80.6 70.7 110.7

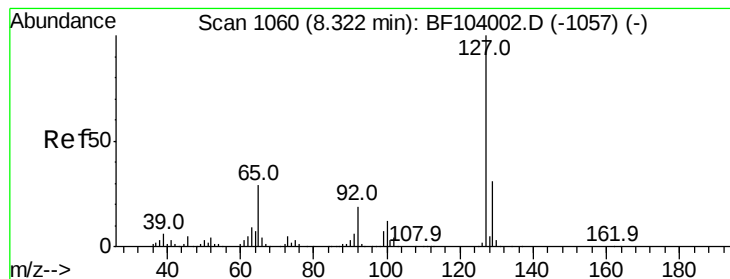


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

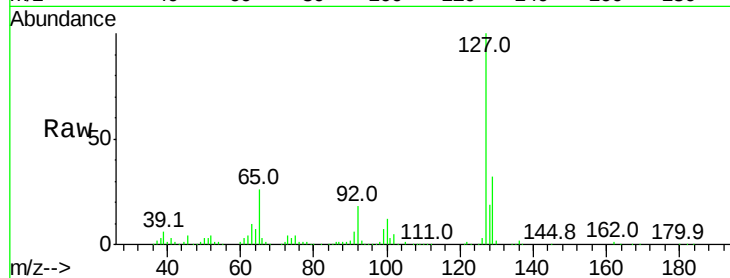




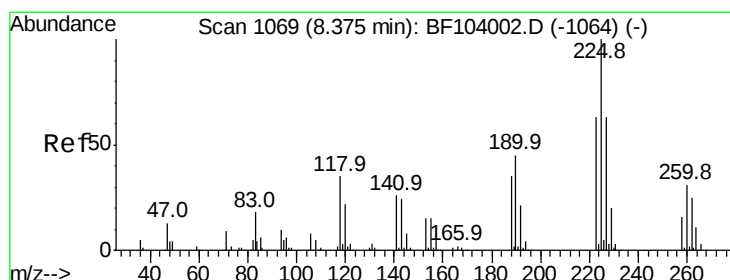
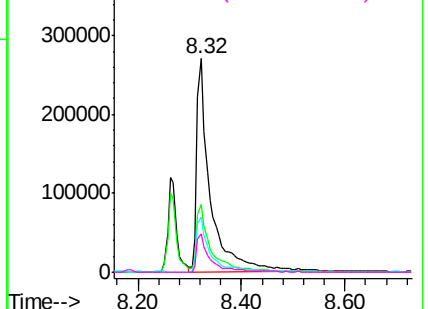
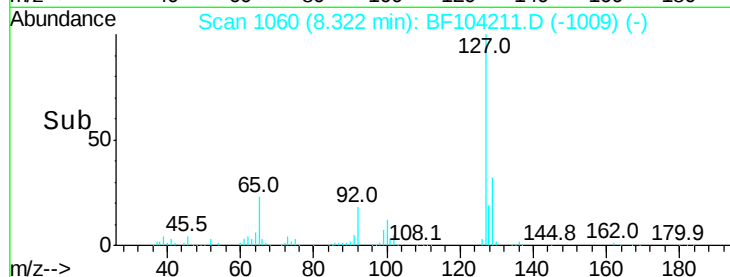
#33
 4-Chloroaniline
 Concen: 42.314 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	491774
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	25.8	25.0	37.4
92	18.0	15.2	22.8

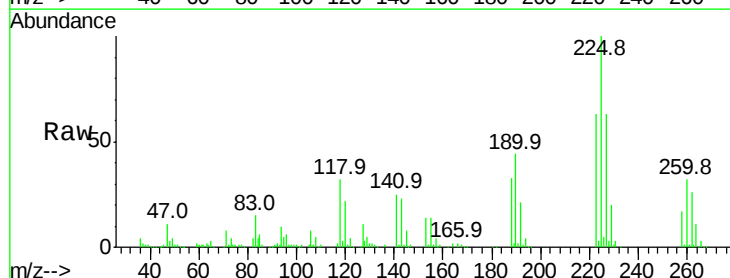


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

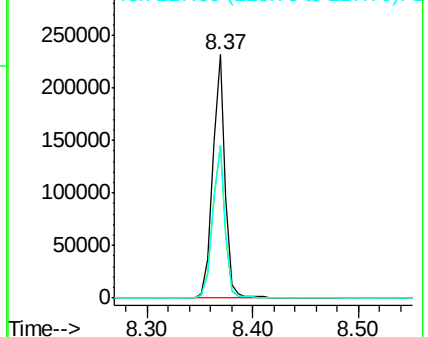
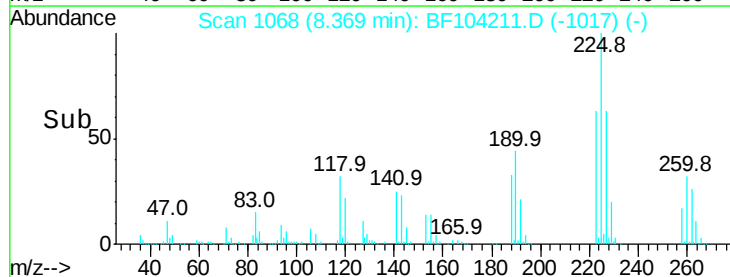


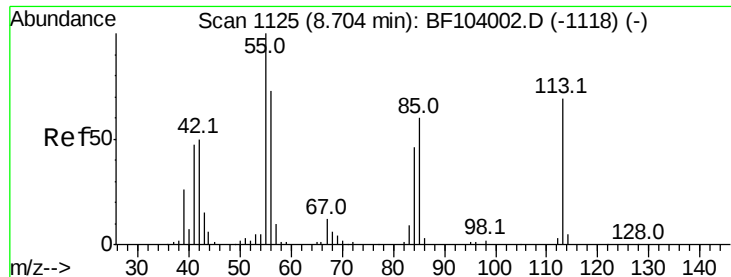
#34
 Hexachlorobutadiene
 Concen: 40.746 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:	225	Resp:	192049
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	62.8	51.9	77.9



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: 39.138 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

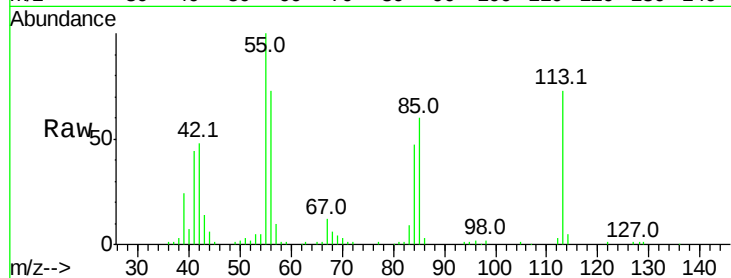
Tot Ion:113 Resp: 94736

Ion Ratio Lower Upper

113 100

55 136.8 163.3 203.3#

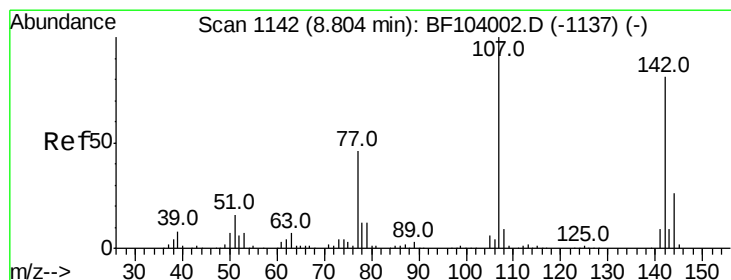
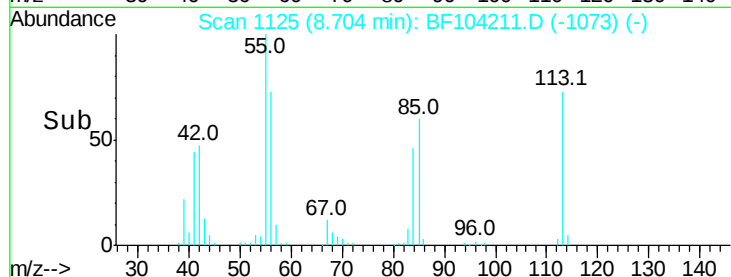
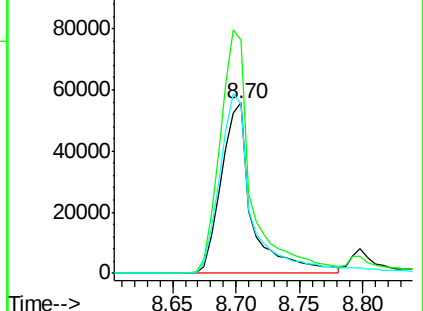
56 99.4 115.7 155.7#



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: 40.611 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

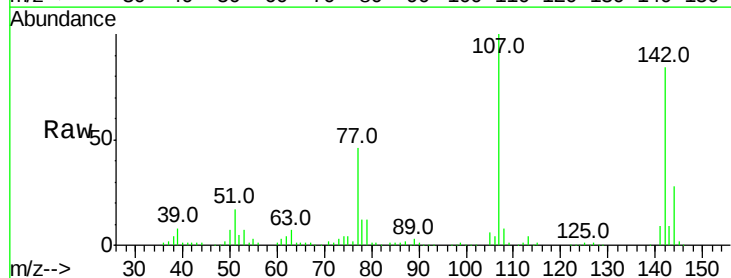
Tgt Ion:107 Resp: 327908

Ion Ratio Lower Upper

107 100

144 27.6 20.5 30.7

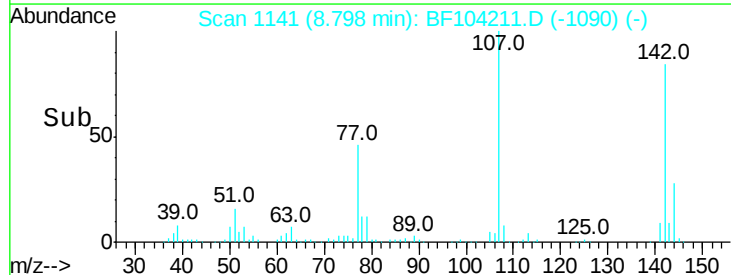
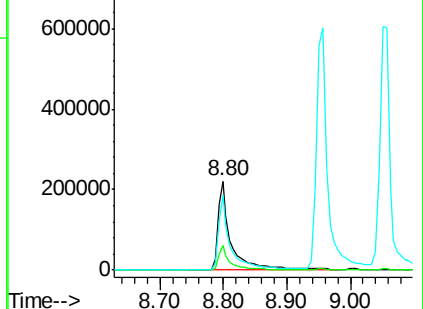
142 83.8 62.0 93.0

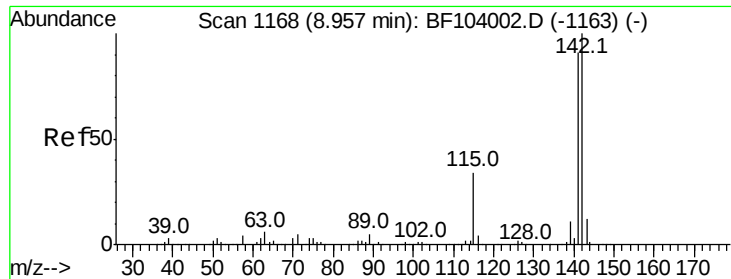


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

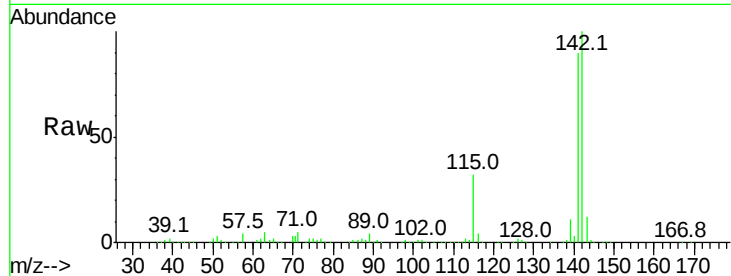




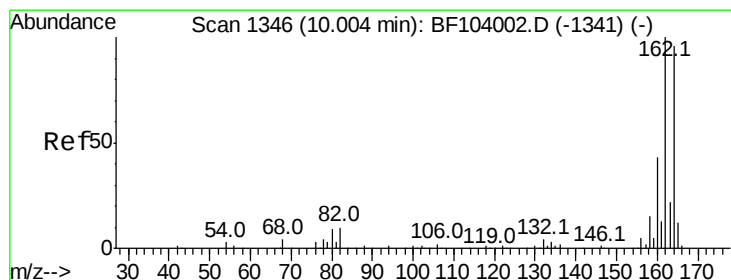
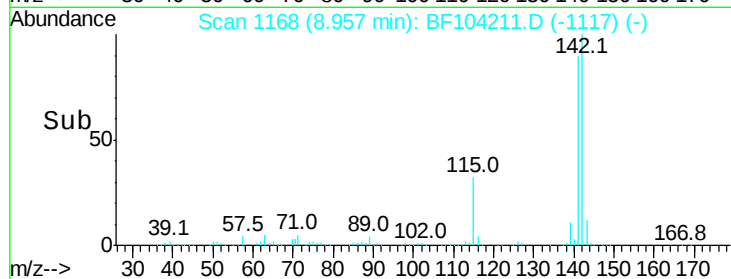
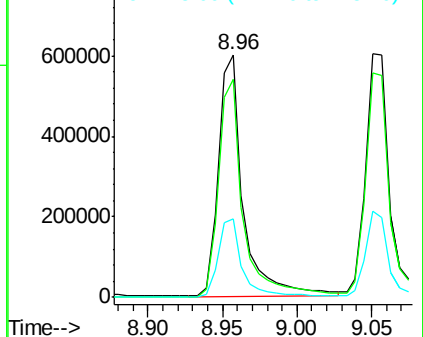
#37
 2-Methylnaphthalene
 Concen: 38.886 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	32.4	26.1	39.1

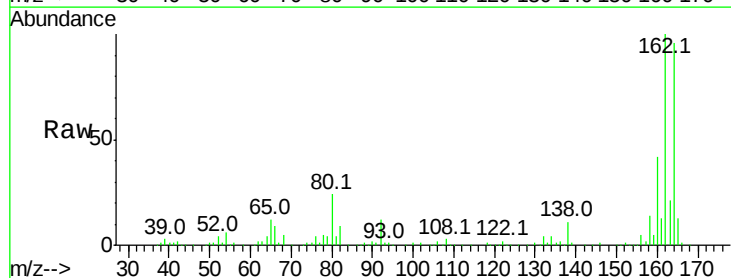


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

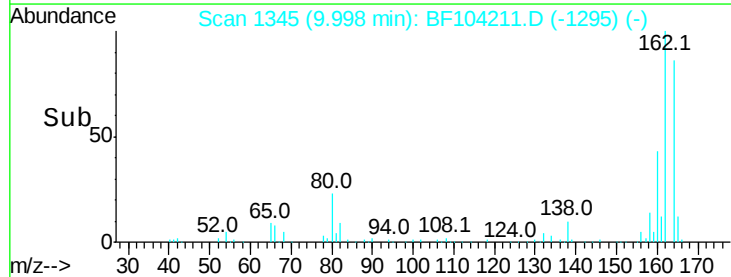
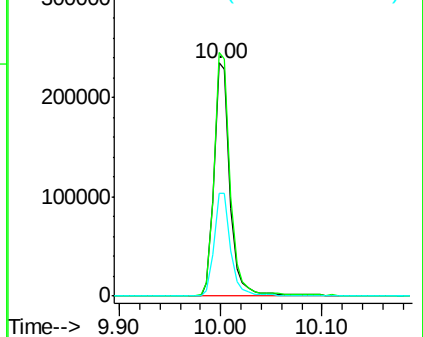


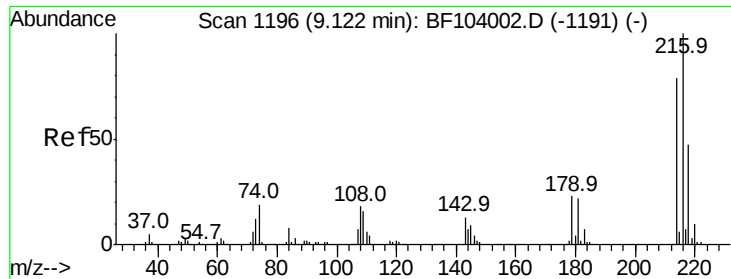
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	44.3	38.3	57.5



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

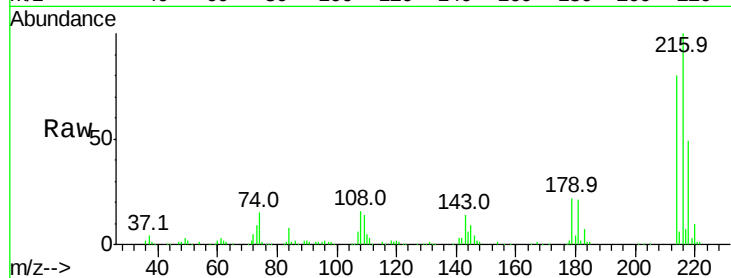




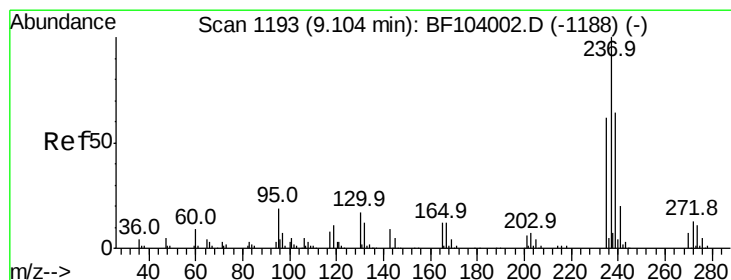
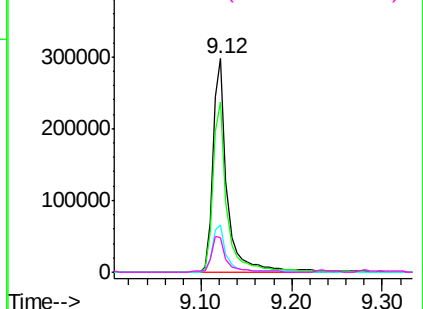
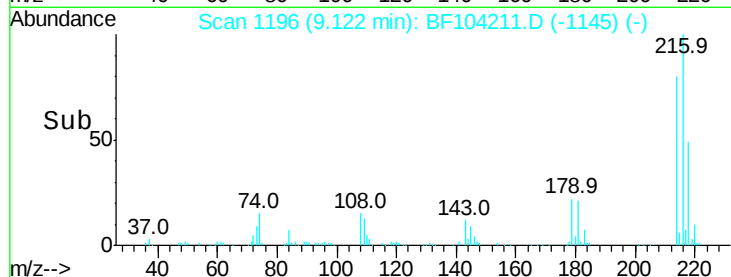
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.161 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	329055
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	22.5	18.1	27.1
108	17.3	17.2	25.8

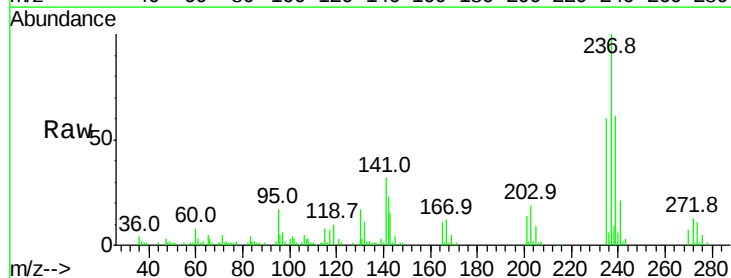


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

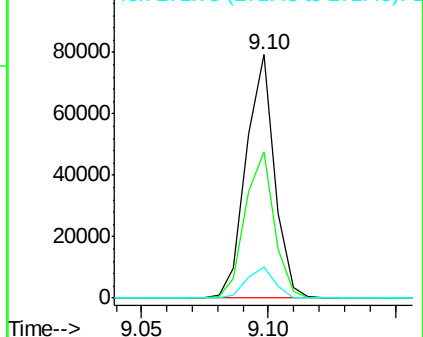
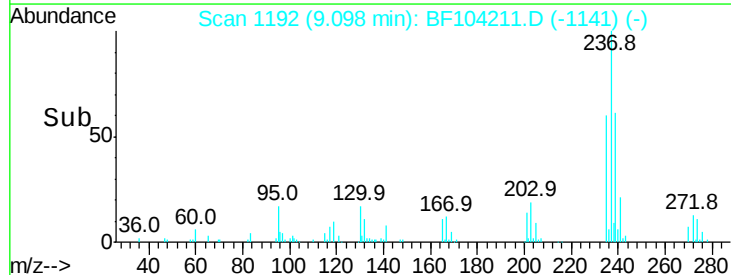


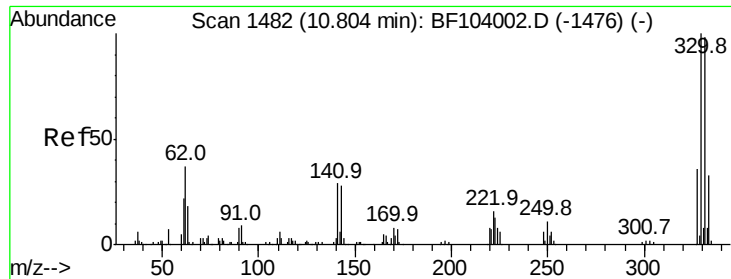
#40
 Hexachlorocyclopentadiene
 Concen: 20.632 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:	237	Resp:	61512
Ion	Ratio	Lower	Upper
237	100		
235	60.1	44.8	84.8
272	13.0	0.0	33.3



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

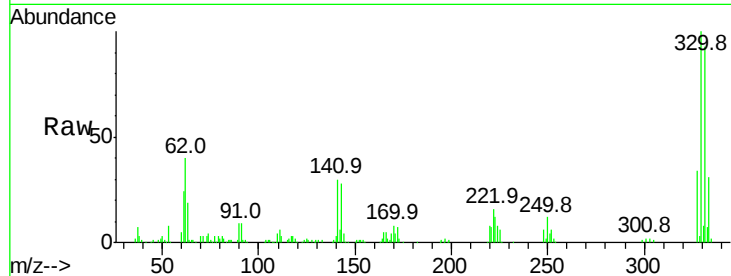




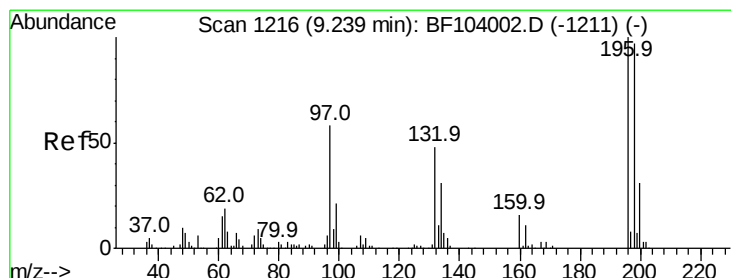
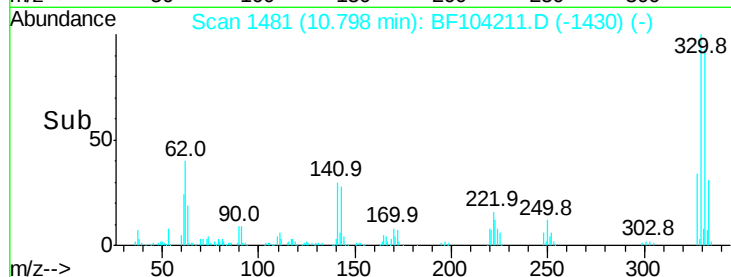
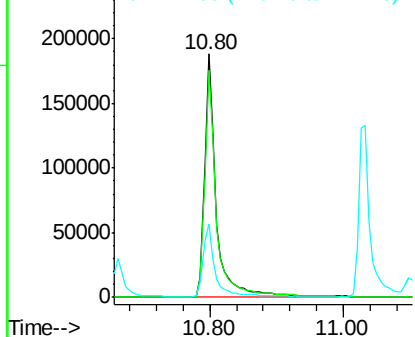
#41
 2,4,6-Tribromophenol
 Concen: 78.562 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 228058
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.1 29.9 44.9

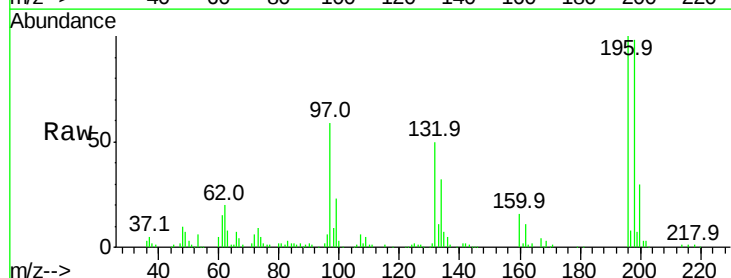


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

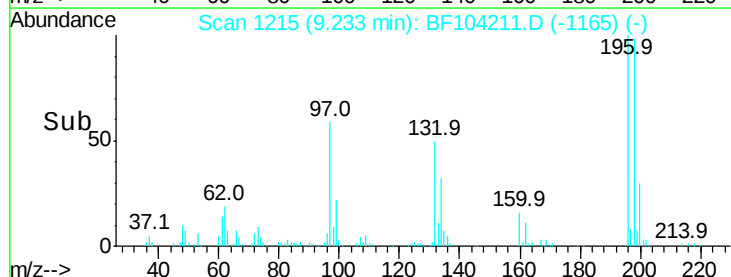
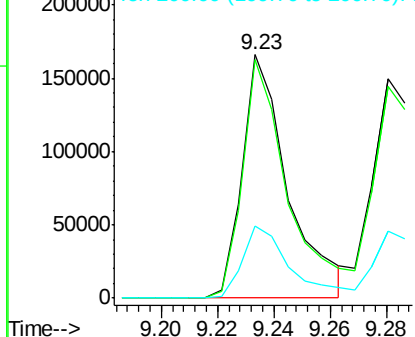


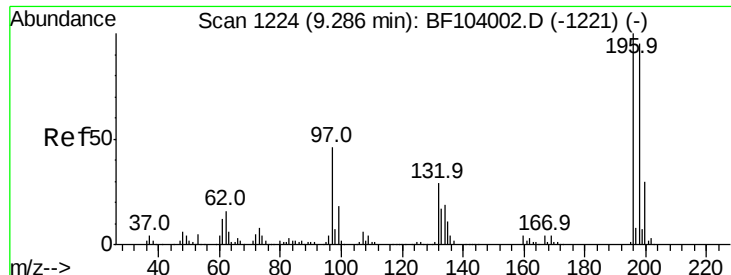
#42
 2,4,6-Trichlorophenol
 Concen: 36.796 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:196 Resp: 186269
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.7 113.5
 200 29.7 24.5 36.7



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

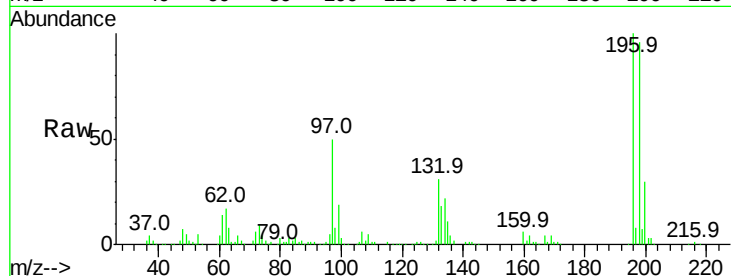




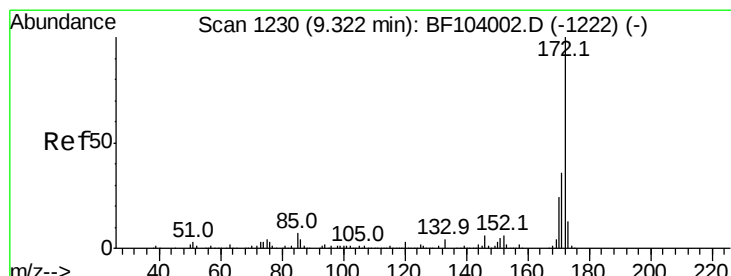
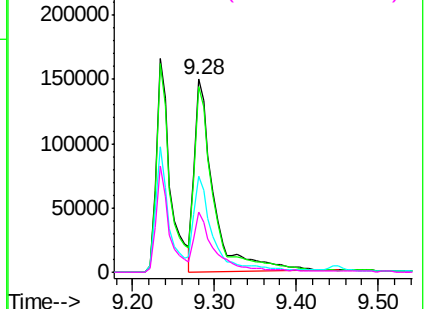
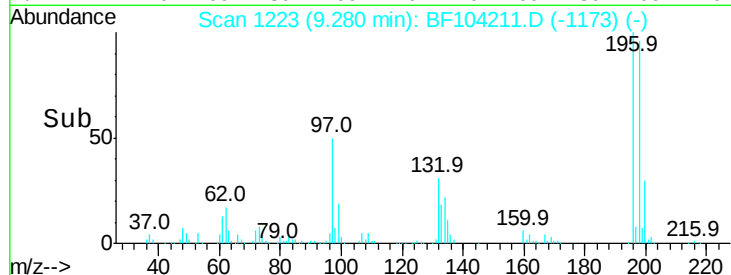
#43
 2,4,5-Trichlorophenol
 Concen: 39.987 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 244409
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 49.9 42.9 64.3
 132 31.4 26.3 39.5

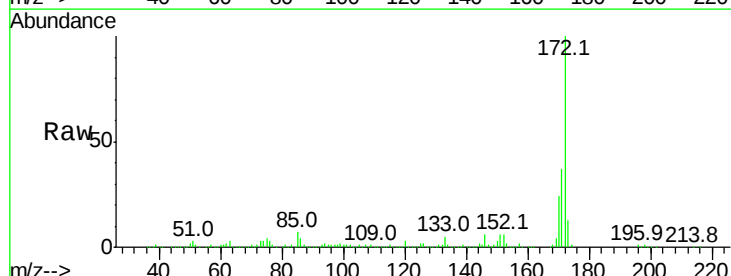


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

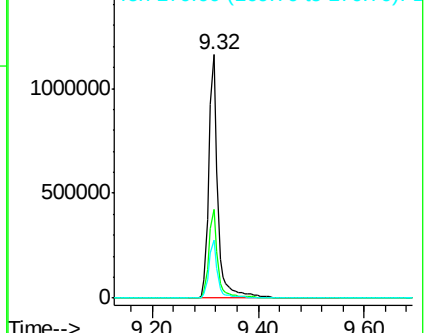
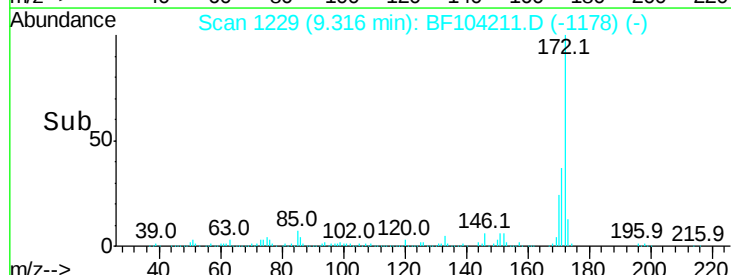


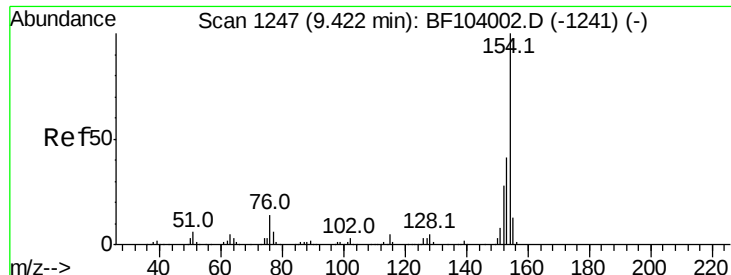
#44
 2-Fluorobiphenyl
 Concen: 82.926 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:172 Resp: 1370955
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.9 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 40.882 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

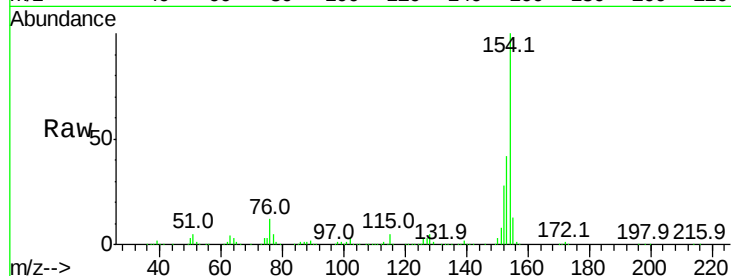
Tot Ion:154 Resp: 914729

Ion Ratio Lower Upper

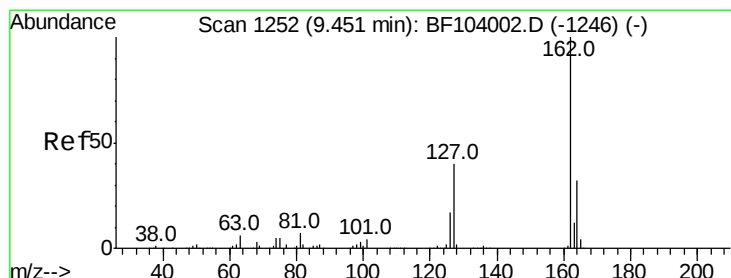
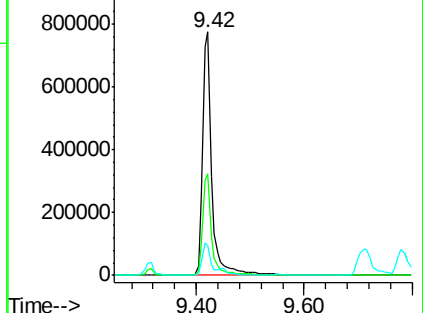
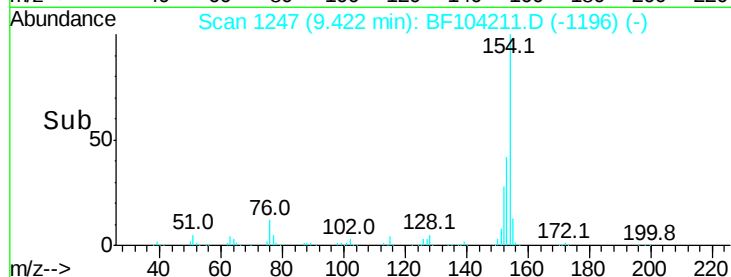
154 100

153 41.5 21.3 61.3

76 12.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 41.309 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

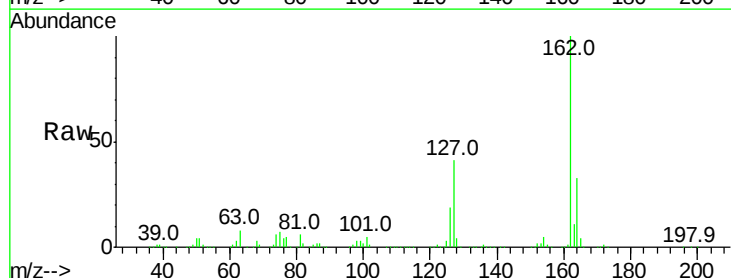
Tgt Ion:162 Resp: 729089

Ion Ratio Lower Upper

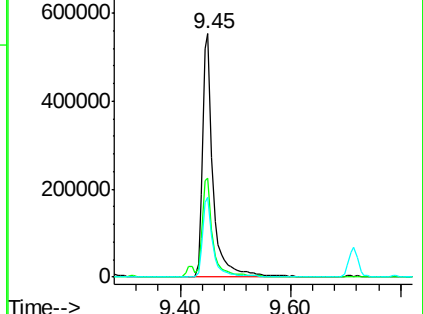
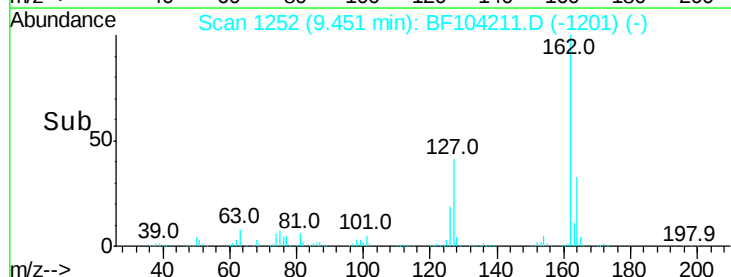
162 100

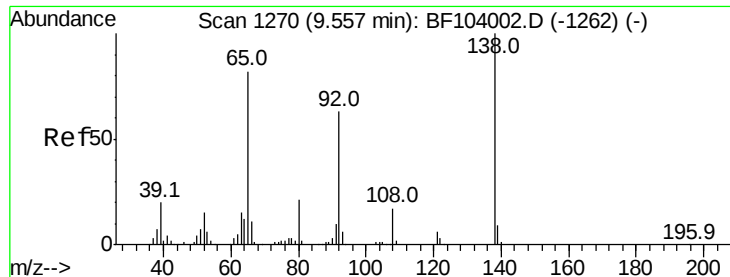
127 40.8 33.9 50.9

164 32.9 26.5 39.7



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

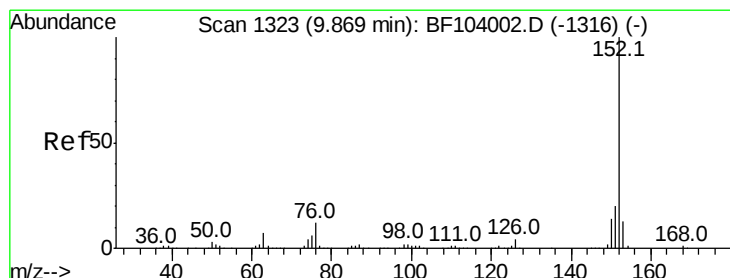
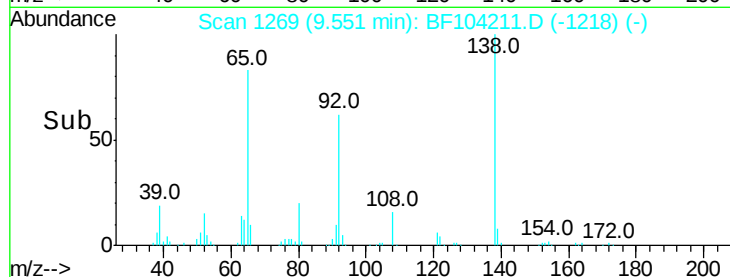
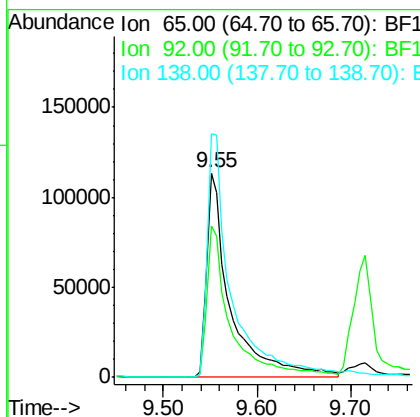
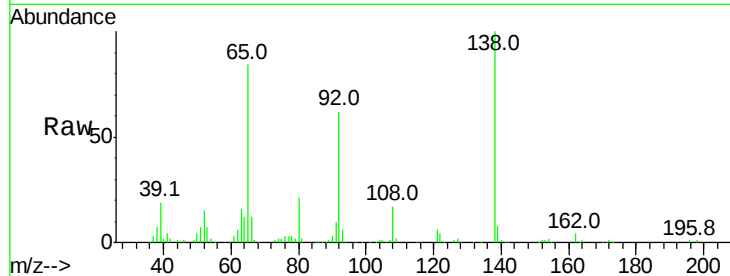




#47
2-Nitroaniline
Concen: 40.038 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

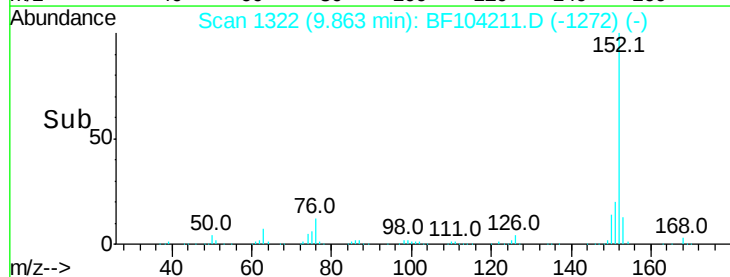
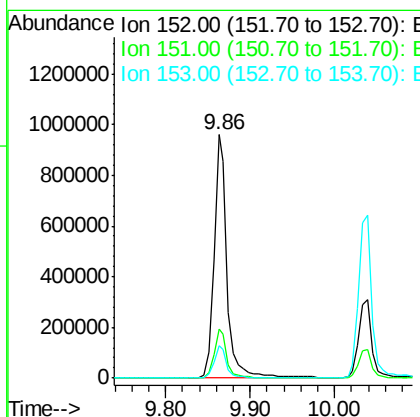
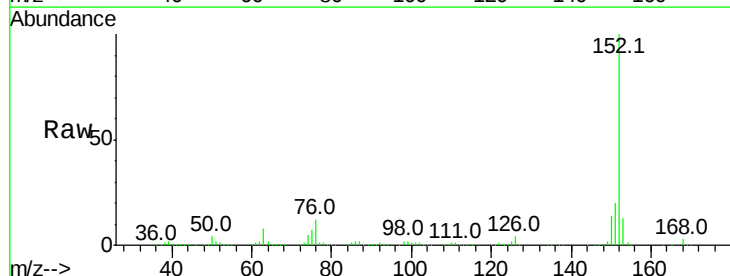
Instrument :
BNA_F
ClientSampleId :

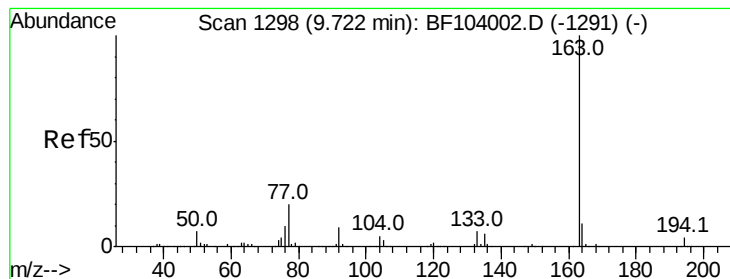
Tot Ion: 65 Resp: 201501
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 119.3 91.2 136.8



#48
Acenaphthylene
Concen: 39.462 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:152 Resp: 1055155
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 39.292 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

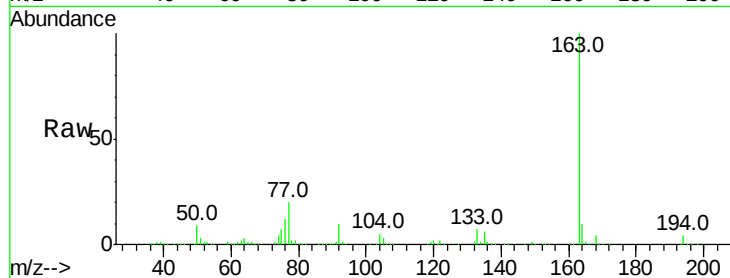
Tot Ion:163 Resp: 808757

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

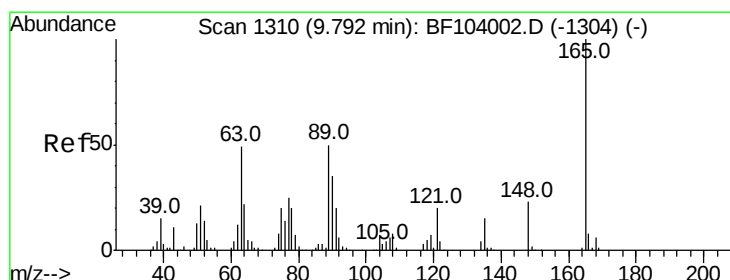
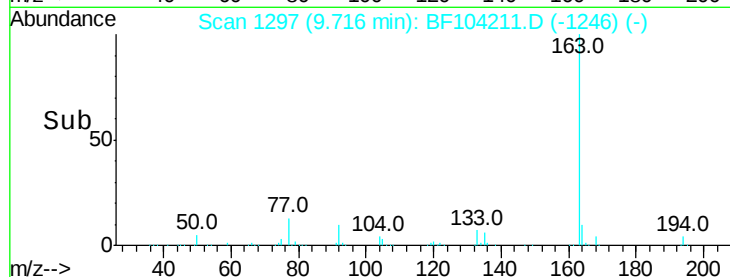
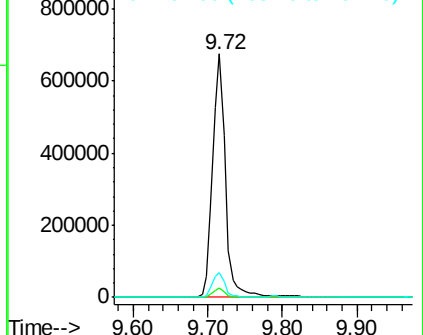
164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 39.283 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

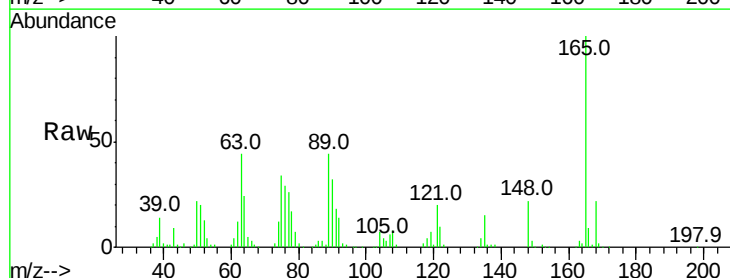
Tgt Ion:165 Resp: 173954

Ion Ratio Lower Upper

165 100

63 44.3 44.7 67.1#

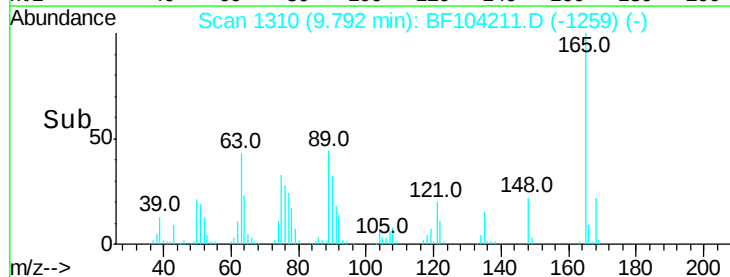
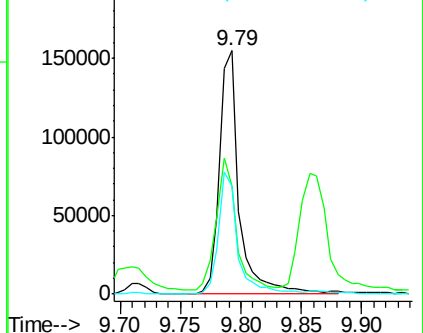
89 44.3 44.0 66.0

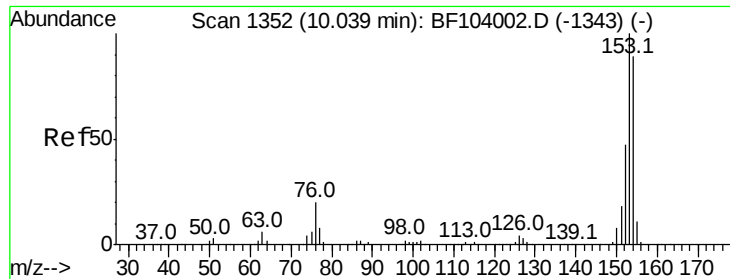


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.798 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

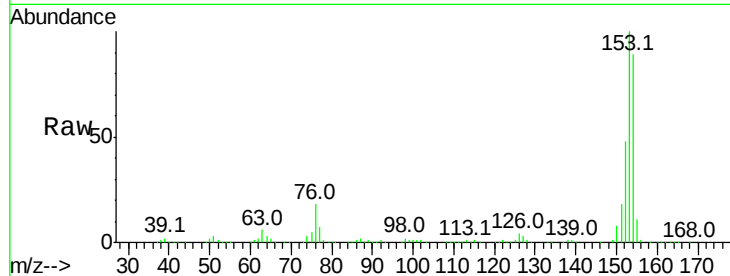
Tot Ion:154 Resp: 631076

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

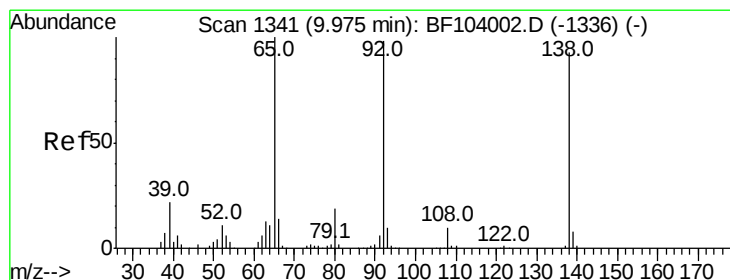
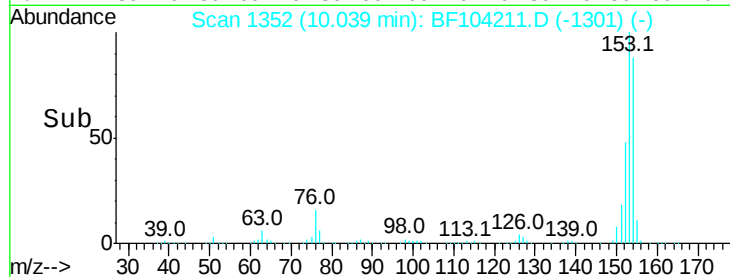
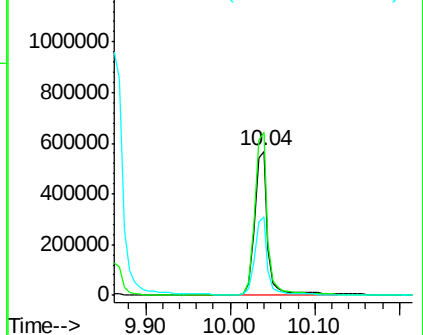
152 54.4 43.8 65.8



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



#52

3-Nitroaniline

Concen: 40.544 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

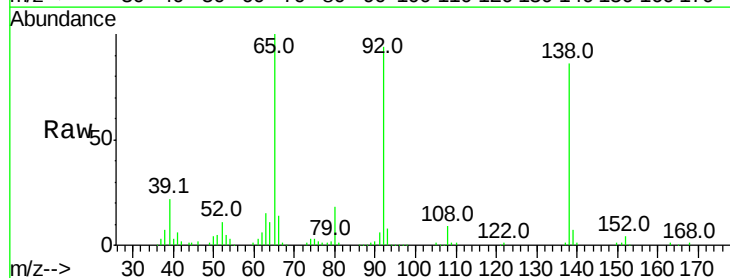
Tgt Ion:138 Resp: 206385

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

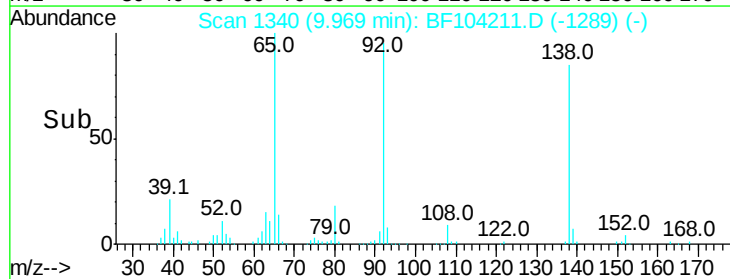
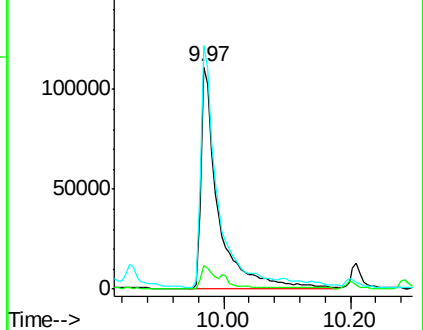
92 109.5 89.4 134.2

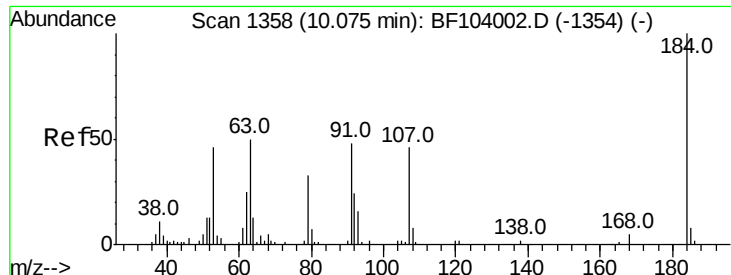


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

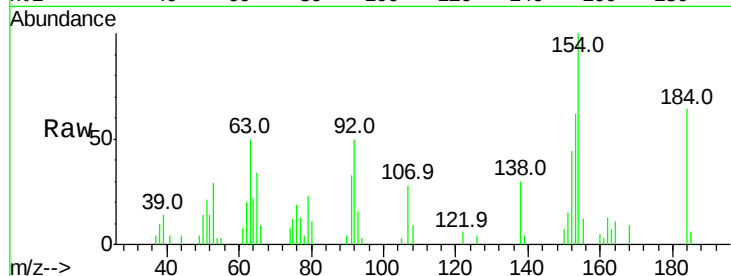




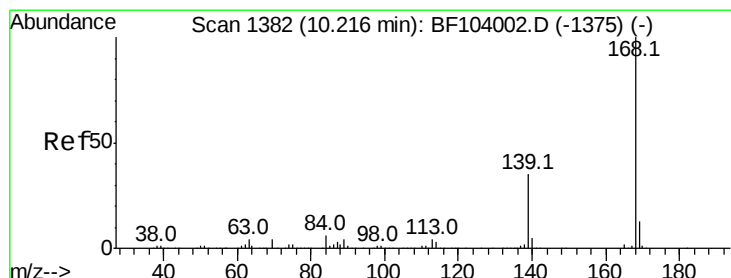
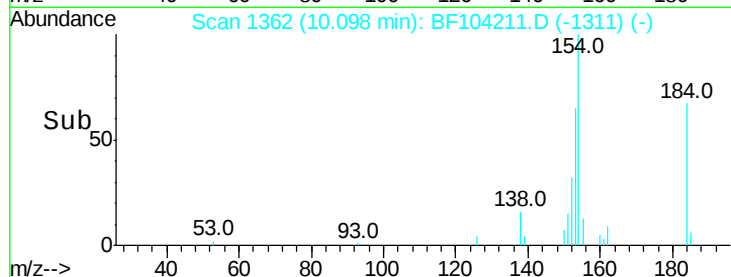
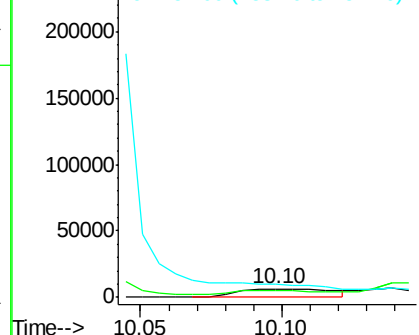
#53
 2,4-Dinitrophenol
 Concen: 12.832 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 15085
 Ion Ratio Lower Upper
 184 100
 63 78.3 54.2 81.2
 154 156.8 184.0 276.0#

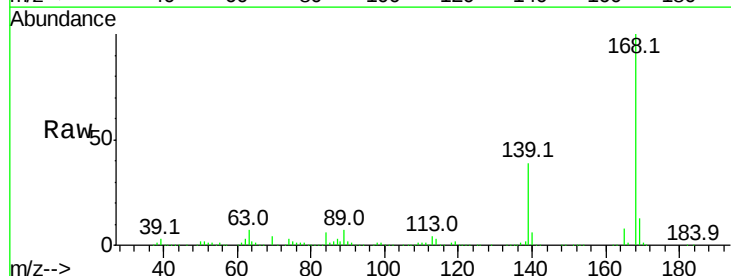


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

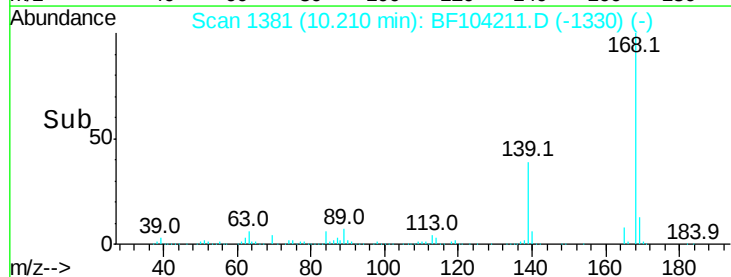
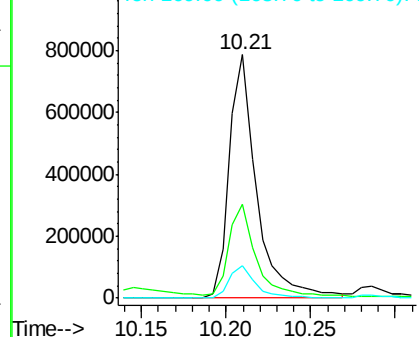


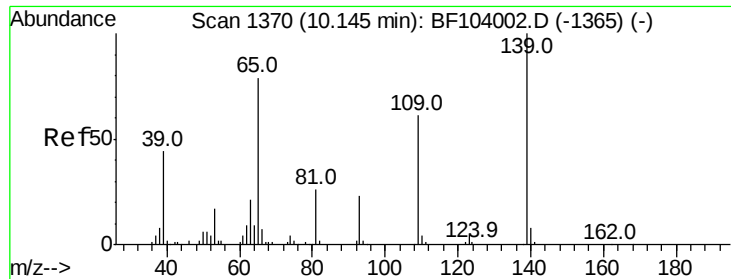
#54
 Dibenzofuran
 Concen: 39.341 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:168 Resp: 888644
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 13.1 10.9 16.3



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

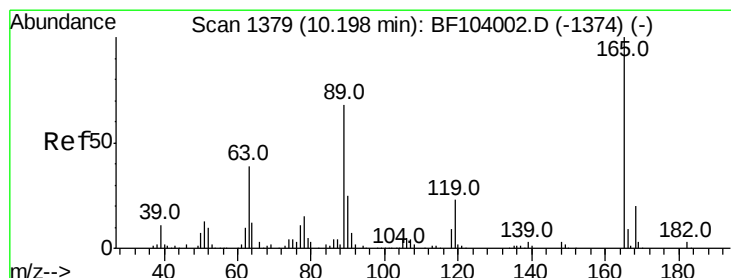
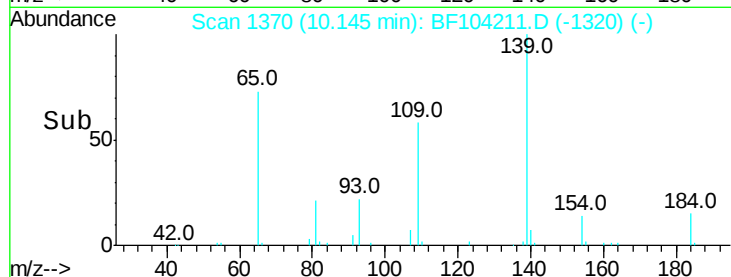
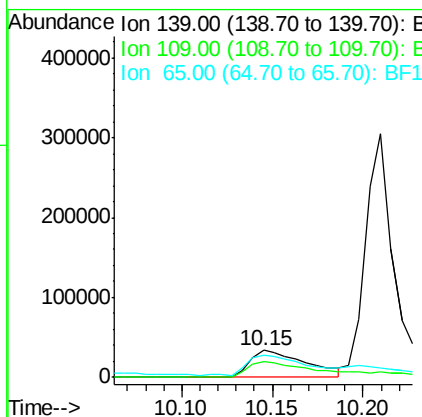
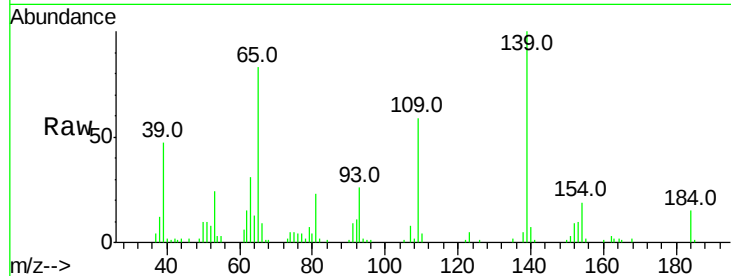




#55
4-Nitrophenol
Concen: 23.666 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

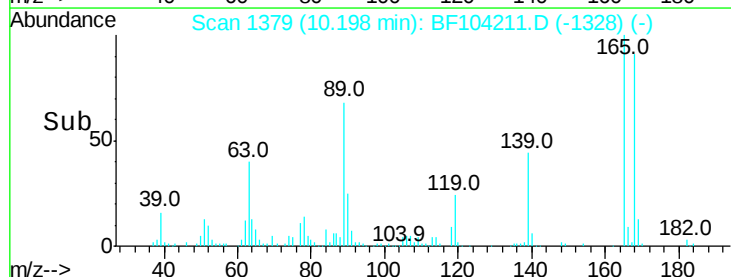
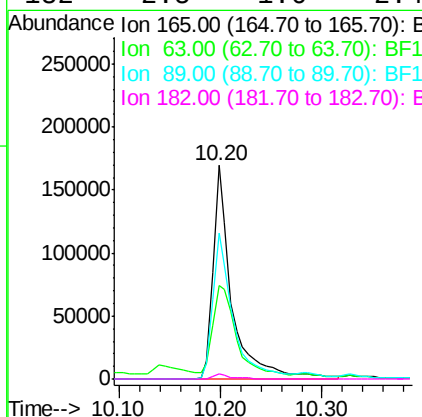
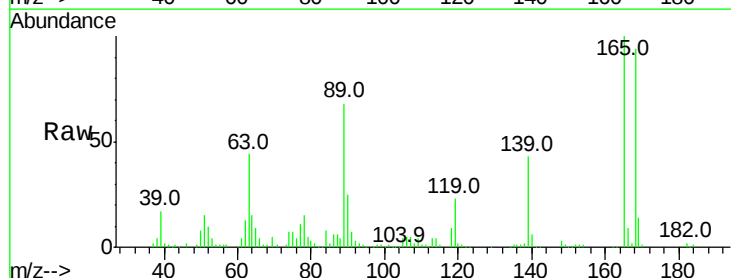
Instrument :
BNA_F
ClientSampleId :

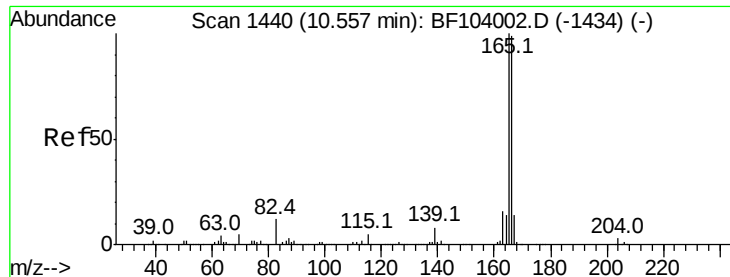
Tot Ion	Ratio	Lower	Upper
139	100		
109	59.3	48.4	88.4
65	83.1	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 38.847 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	36.4	54.6
89	68.3	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 39.324 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

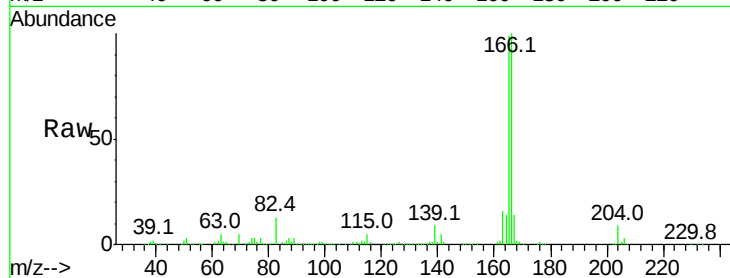
Tot Ion:166 Resp: 732719

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

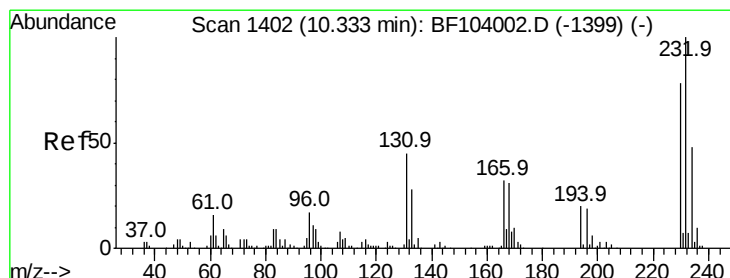
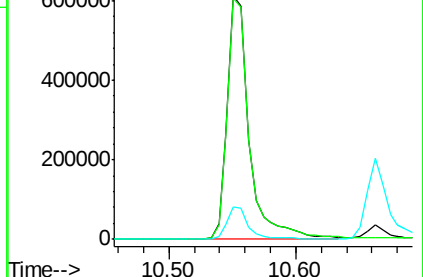
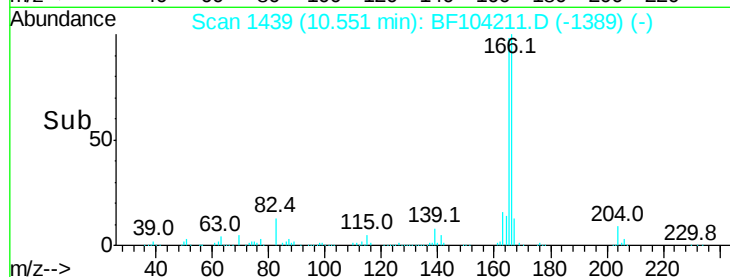
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.747 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Tgt Ion:232 Resp: 177437

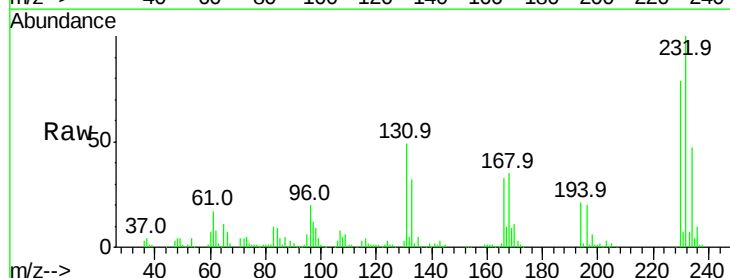
Ion Ratio Lower Upper

232 100

131 41.4 43.8 65.8#

130 2.3 2.1 3.1

166 28.6 27.8 41.6

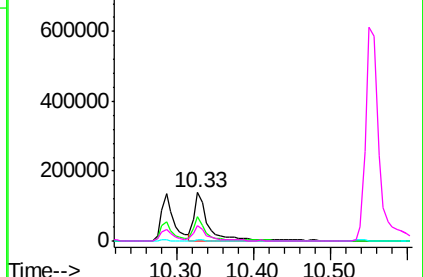
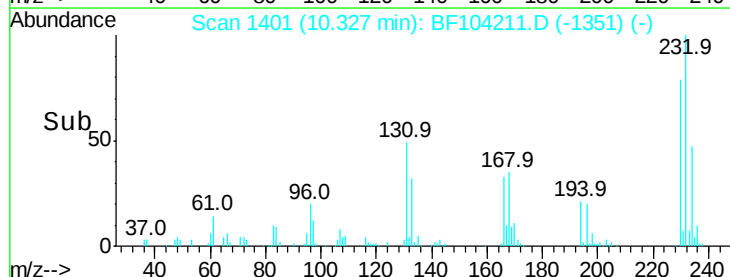


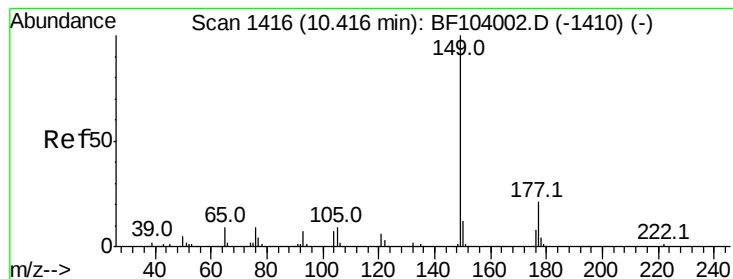
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 39.327 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

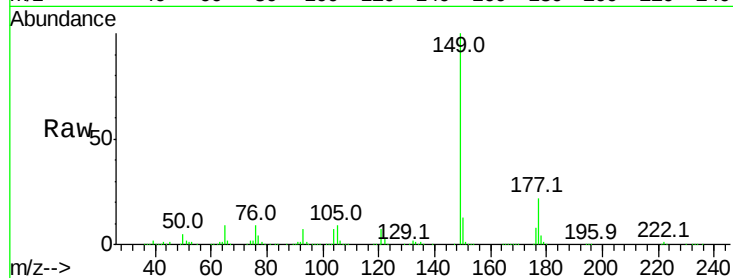
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 775456

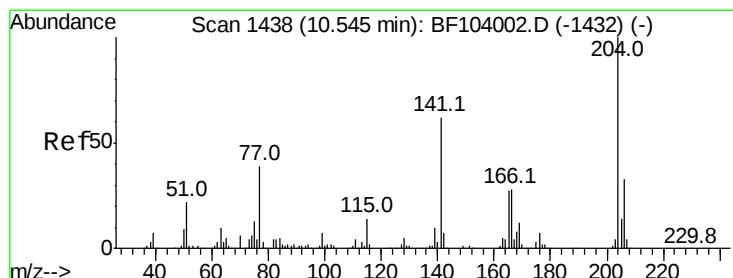
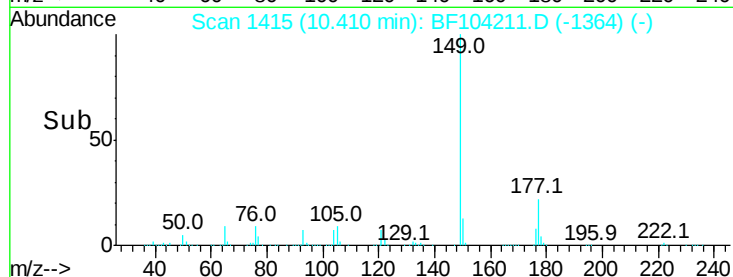
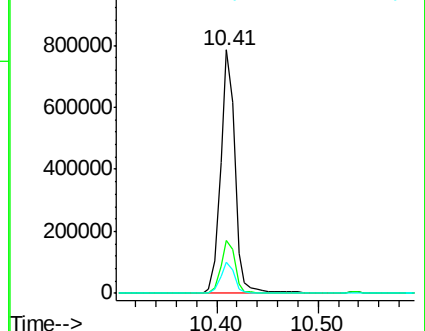
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.7	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.805 ng

RT: 10.54 min Scan# 1437

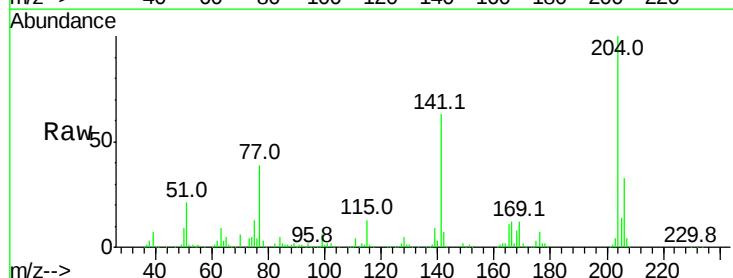
Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Tgt Ion:204 Resp: 357759

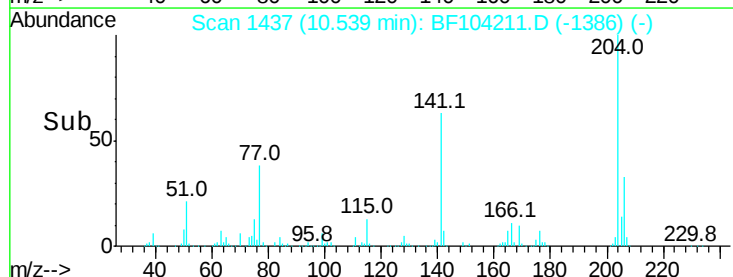
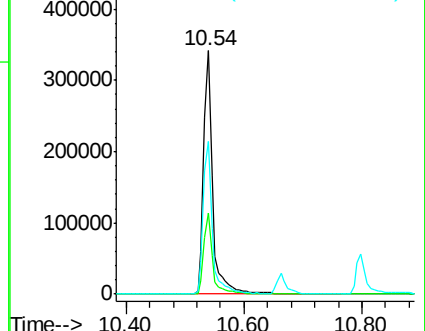
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	62.9	54.6	81.8

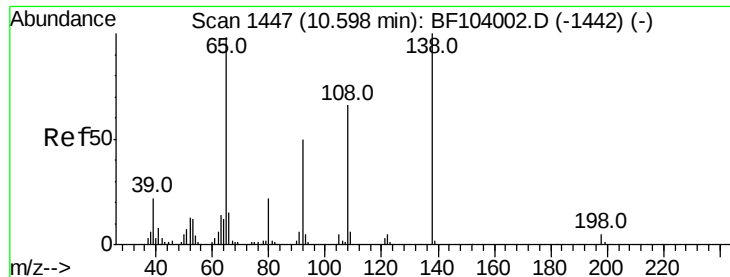


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

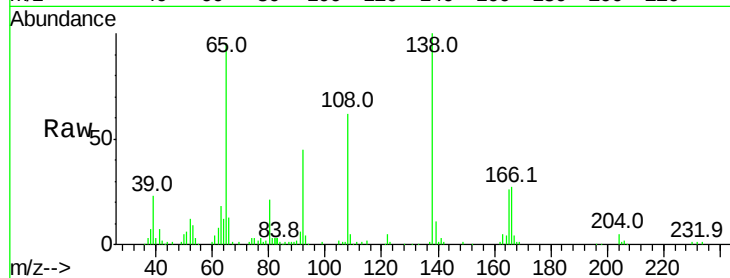




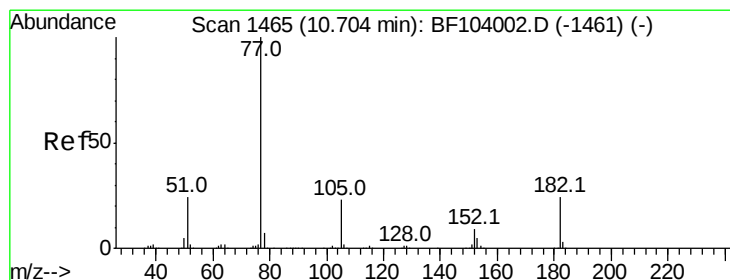
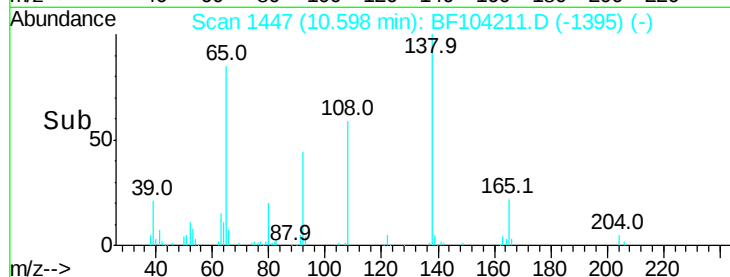
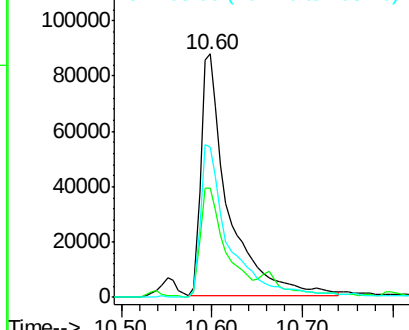
#61
4-Nitroaniline
Concen: 38.842 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 185010
Ion Ratio Lower Upper
138 100
92 45.0 30.2 70.2
108 61.5 52.5 92.5

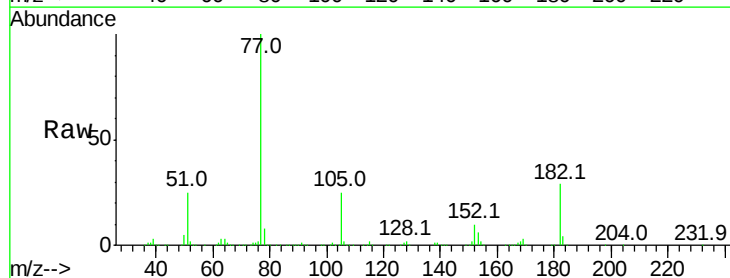


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

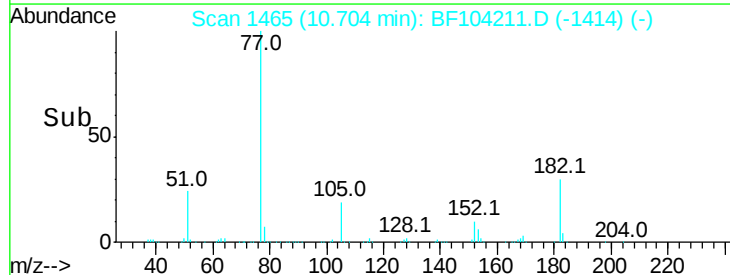
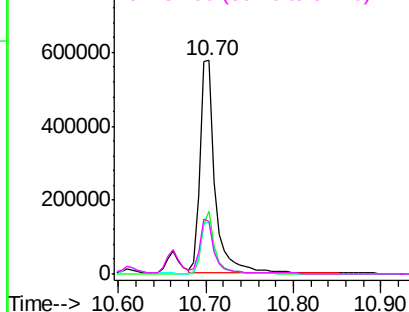


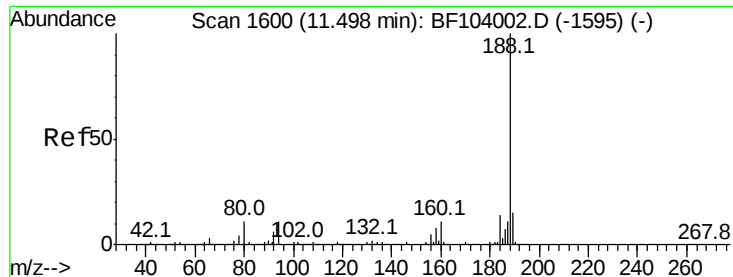
#62
Azobenzene
Concen: 39.204 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion: 77 Resp: 698999
Ion Ratio Lower Upper
77 100
182 29.2 1.7 41.7
105 24.7 3.0 43.0
51 24.6 9.9 49.9



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

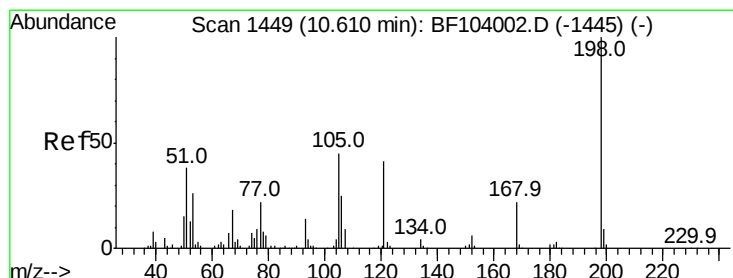
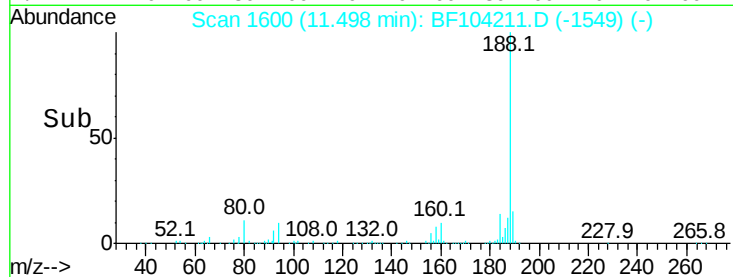
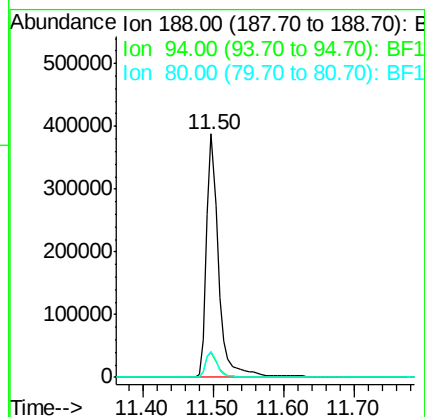
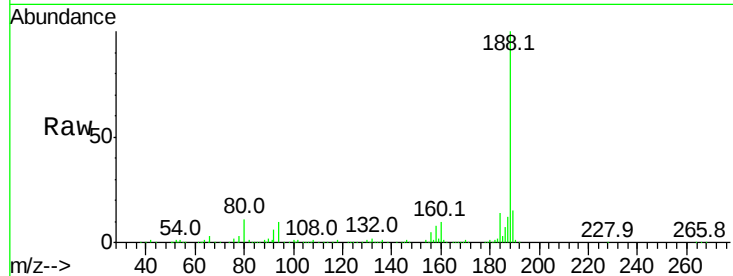




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

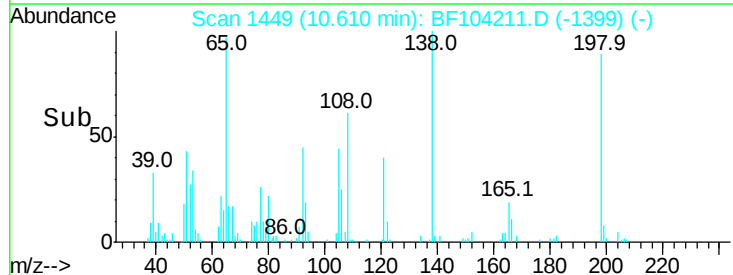
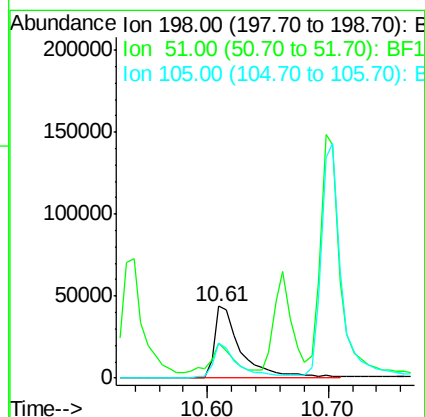
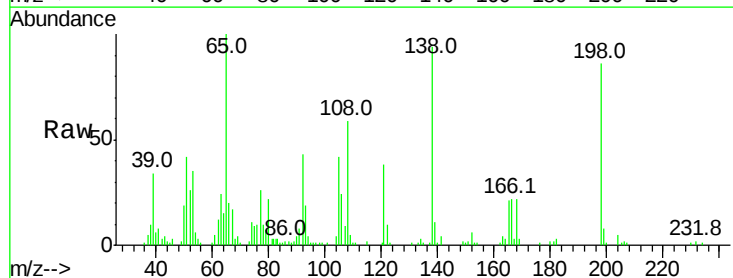
Instrument :
BNA_F
ClientSampled :

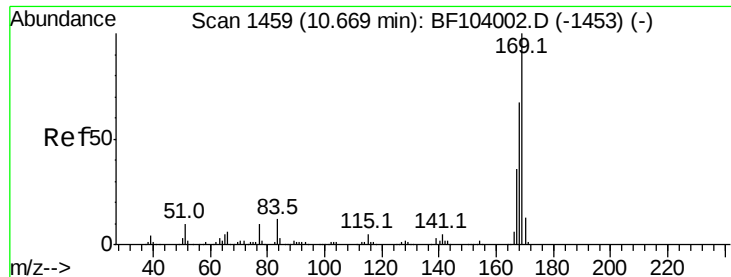
Tot Ion:188 Resp: 465306
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 23.672 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:198 Resp: 66675
Ion Ratio Lower Upper
198 100
51 49.0 37.7 77.7
105 48.8 36.3 76.3

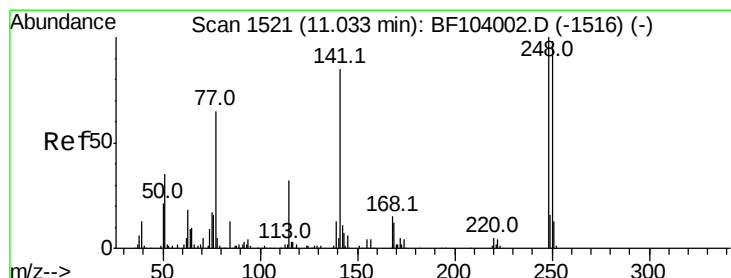
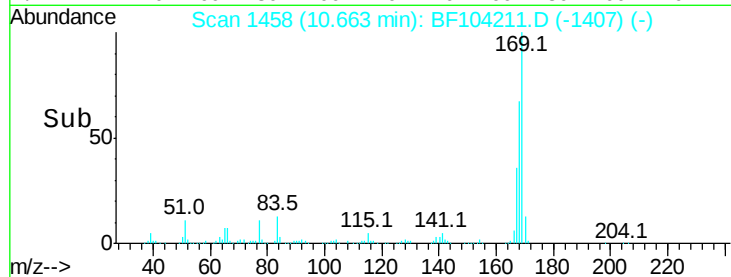
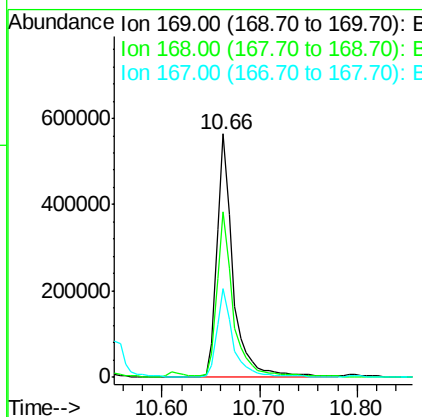
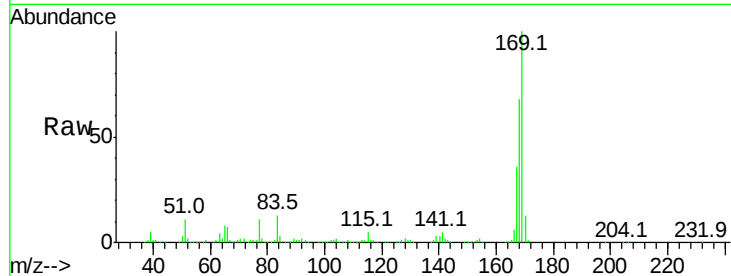




#65
 n-Nitrosodiphenylamine
 Concen: 41.035 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

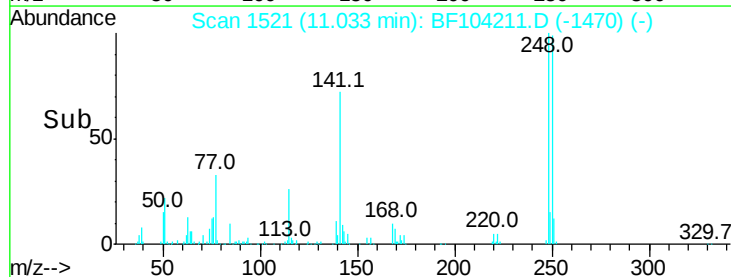
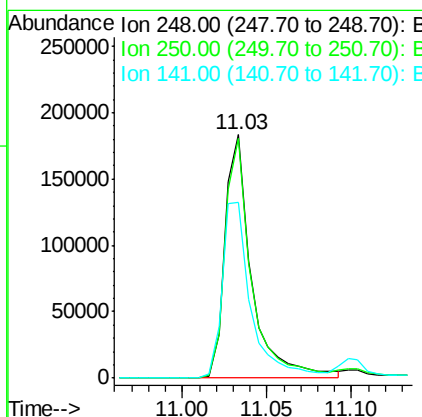
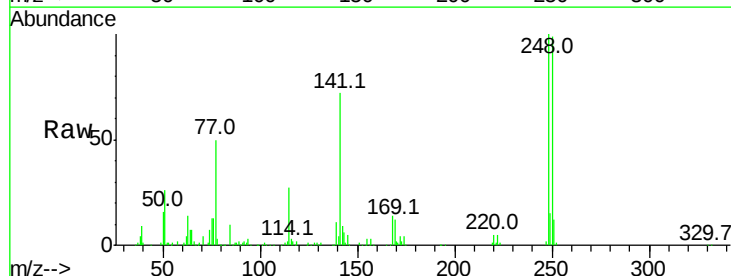
Instrument :
 BNA_F
 ClientSampleId :

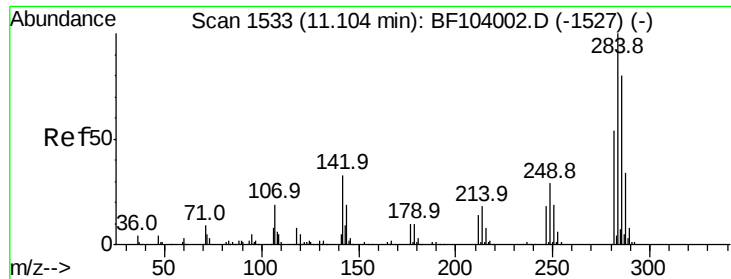
Tot Ion:169 Resp: 646640
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 36.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.748 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:248 Resp: 202846
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.9 115.3
 141 72.4 74.4 111.6#

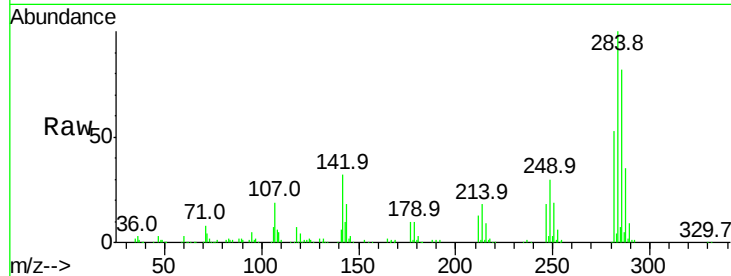




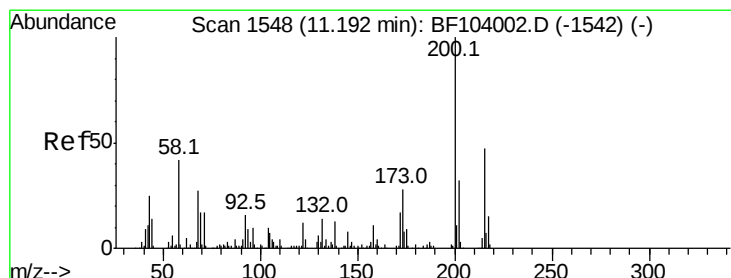
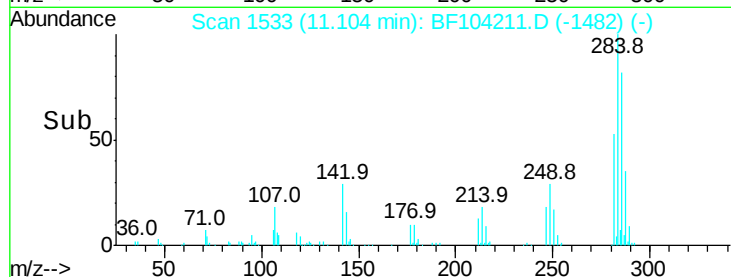
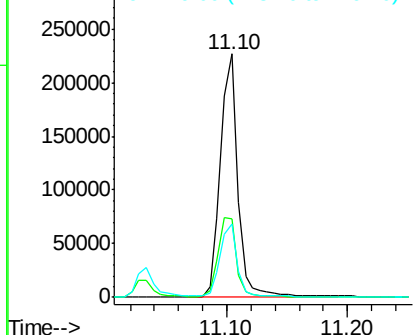
#67
Hexachlorobenzene
Concen: 39.814 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.3	34.6	52.0#
249	30.1	24.8	37.2

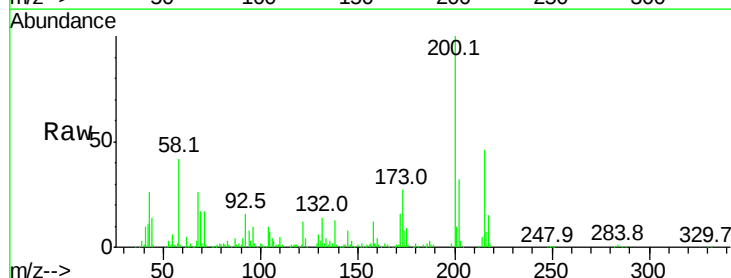


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

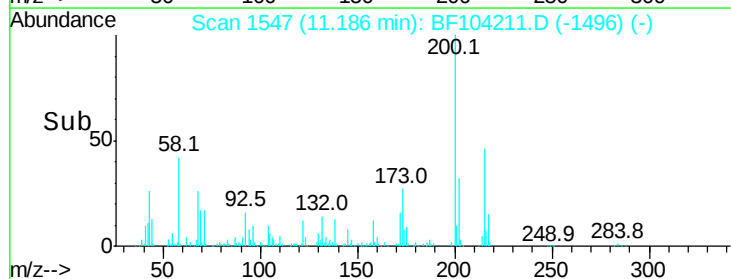
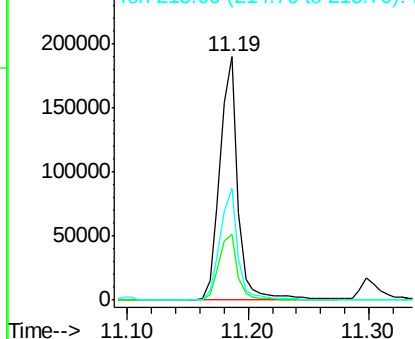


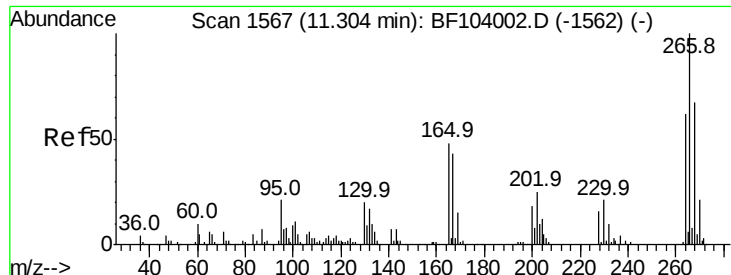
#68
Atrazine
Concen: 40.640 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.6	48.6
215	46.1	25.1	65.1



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

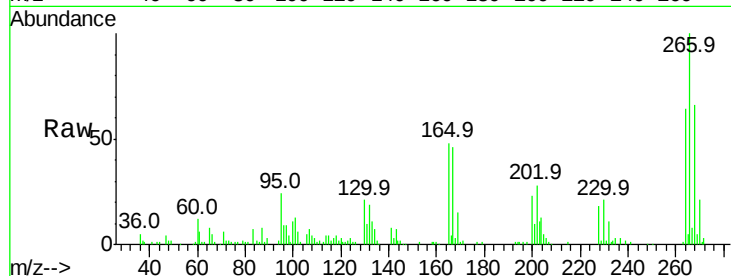




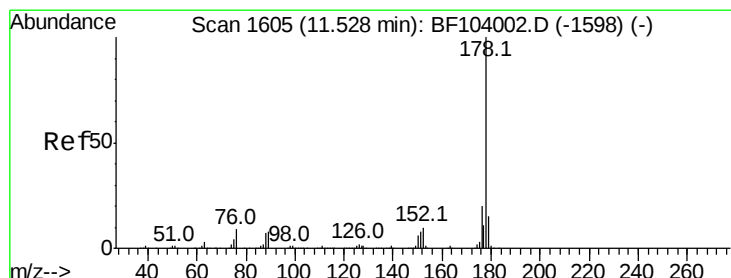
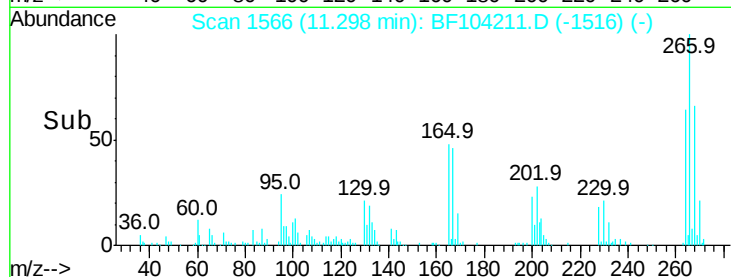
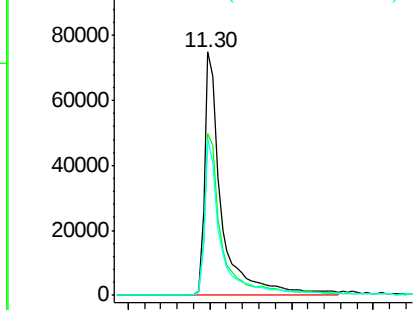
#69
 Pentachlorophenol
 Concen: 34.954 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 110142
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 64.3 49.5 74.3

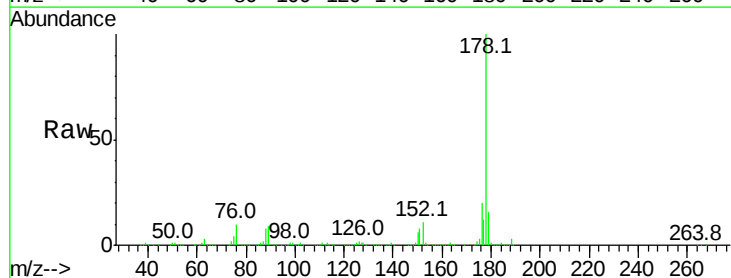


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

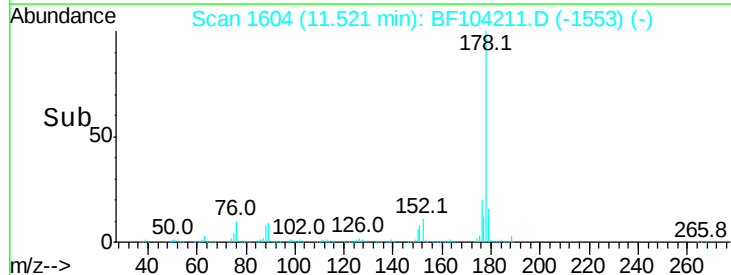
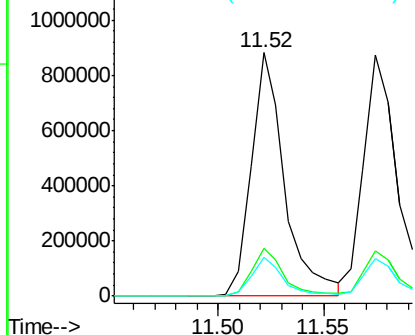


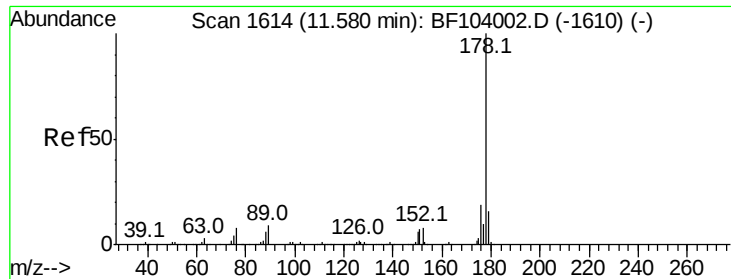
#70
 Phenanthrene
 Concen: 38.533 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:178 Resp: 970737
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 13.0 19.6



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

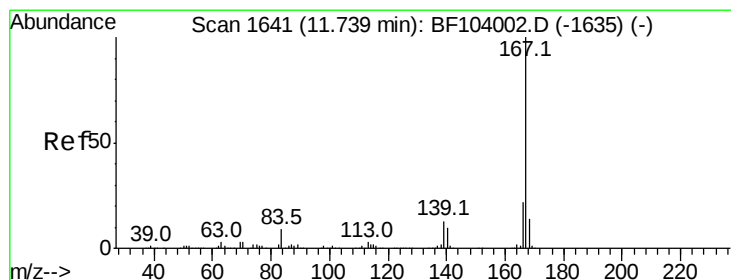
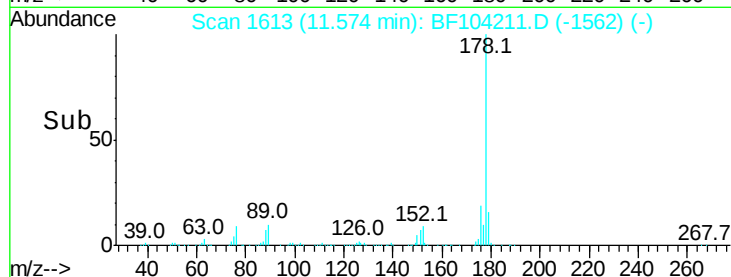
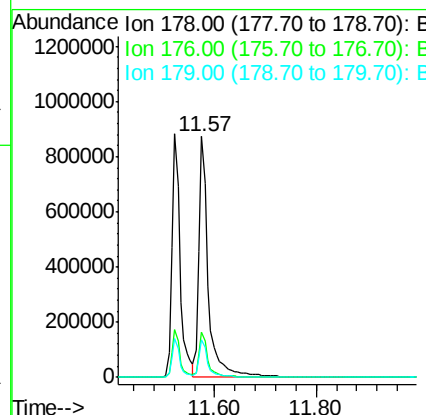
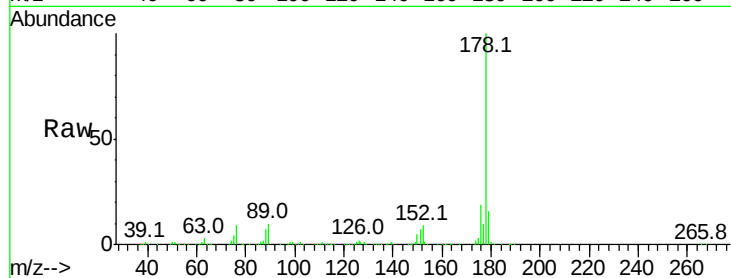




#71
 Anthracene
 Concen: 42.927 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

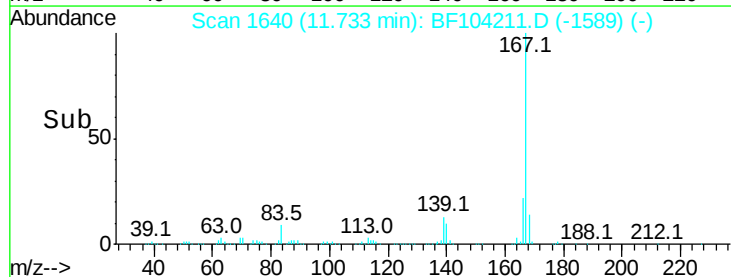
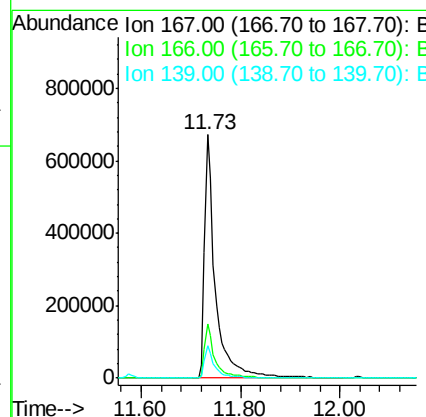
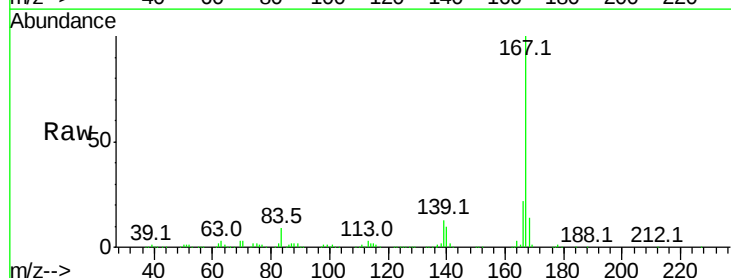
Instrument :
 BNA_F
 ClientSampleId :

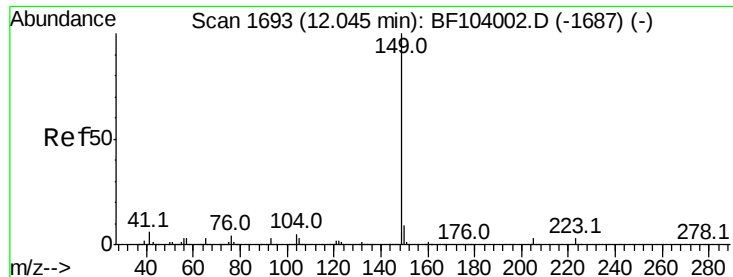
Tot Ion:178 Resp: 1129580
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 40.425 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:167 Resp: 1015281
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.778 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

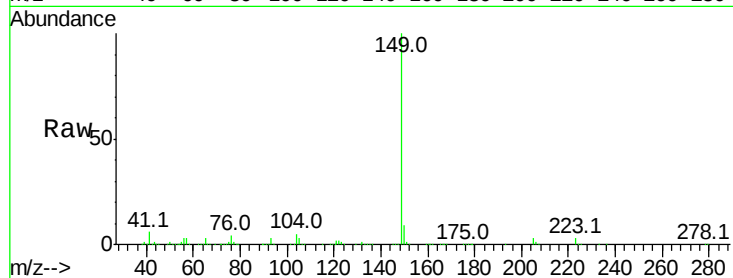
Tot Ion:149 Resp: 1189986

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

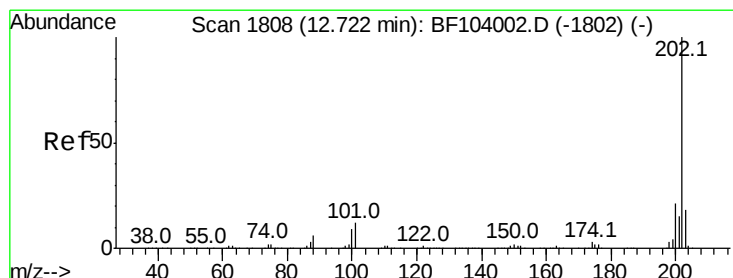
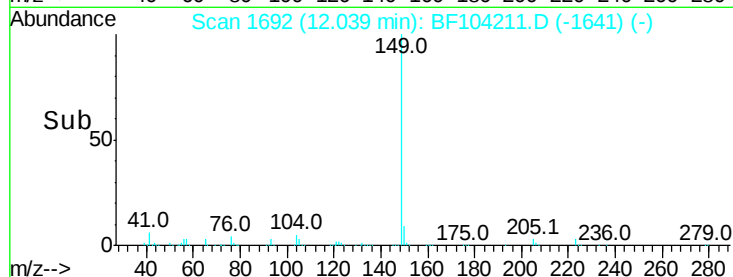
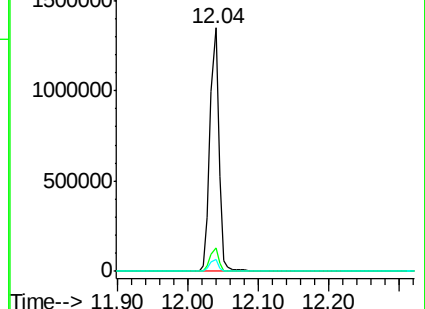
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.797 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

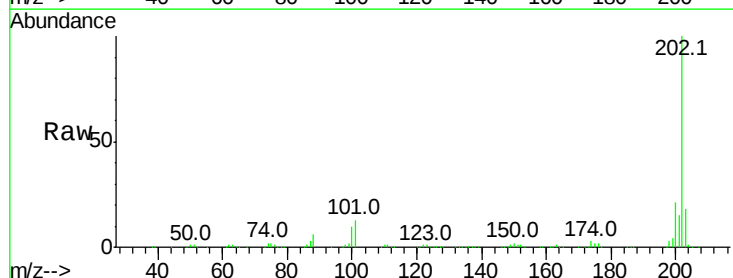
Tgt Ion:202 Resp: 985343

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

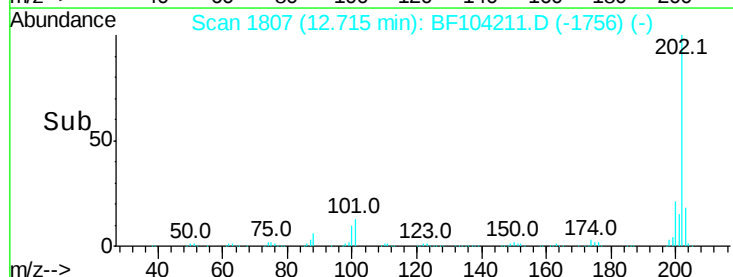
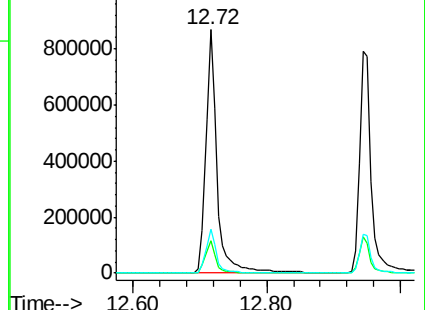
203 18.0 0.0 38.1

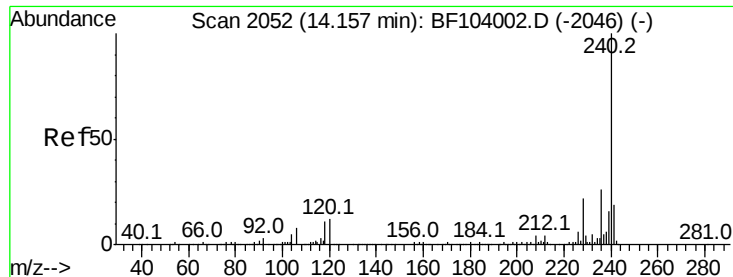


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

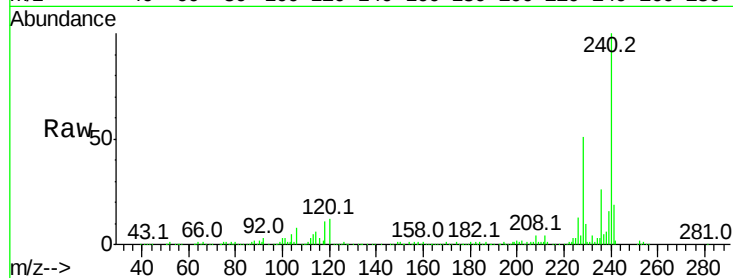
Tot Ion:240 Resp: 283921

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

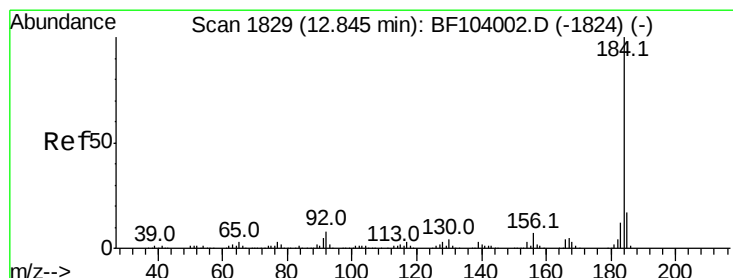
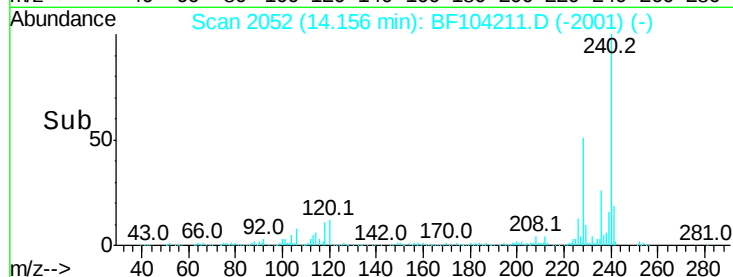
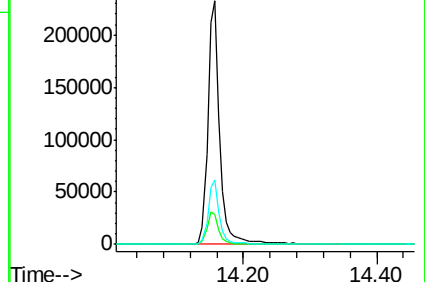
236 26.3 20.7 31.1



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



#76

Benzidine

Concen: 41.598 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

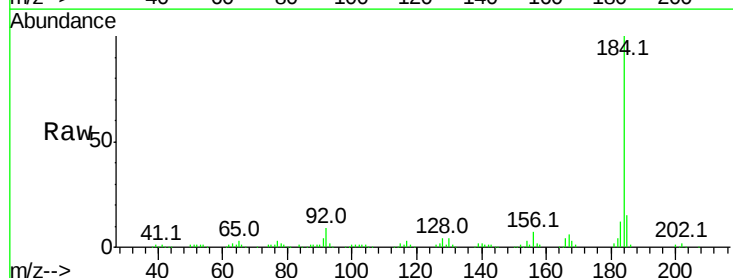
Tgt Ion:184 Resp: 336575

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

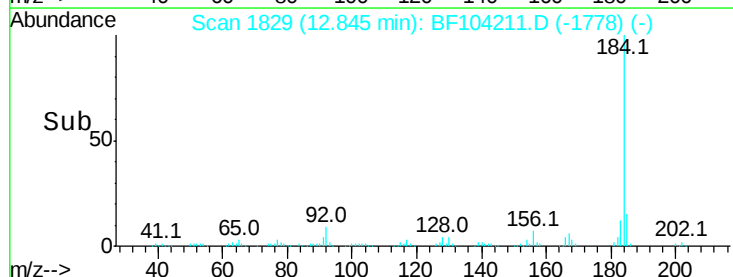
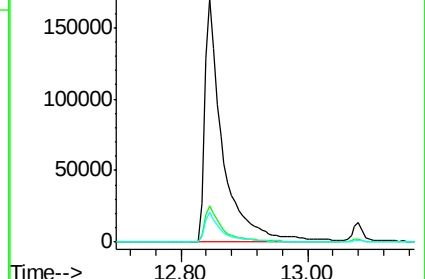
183 12.3 9.3 13.9

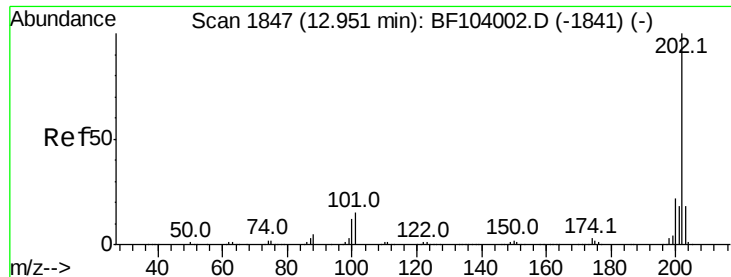


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

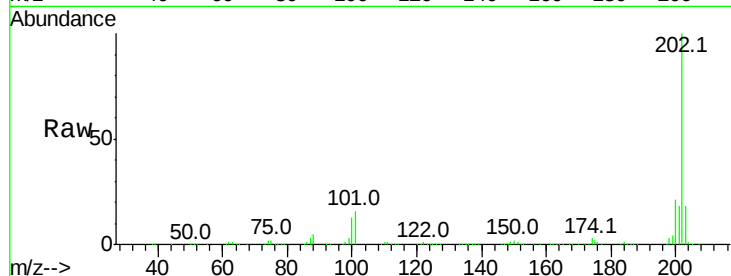




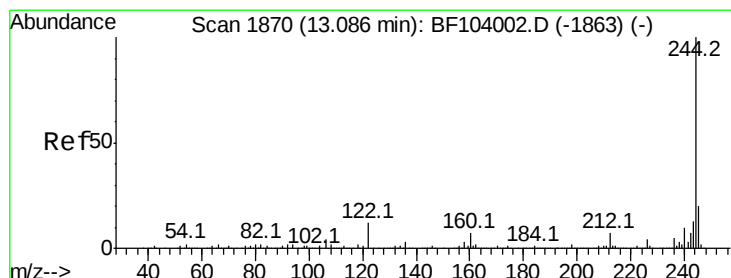
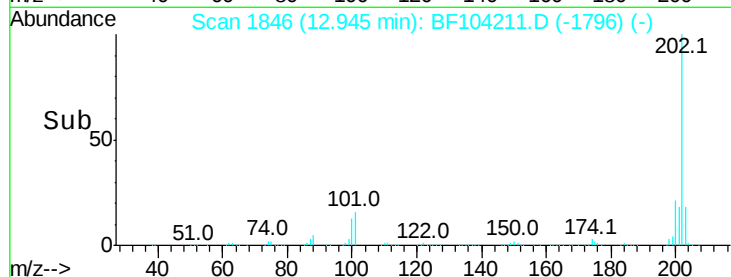
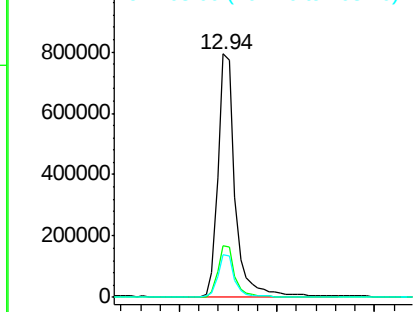
#77
Pvrene
Concen: 47.548 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 970454
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5

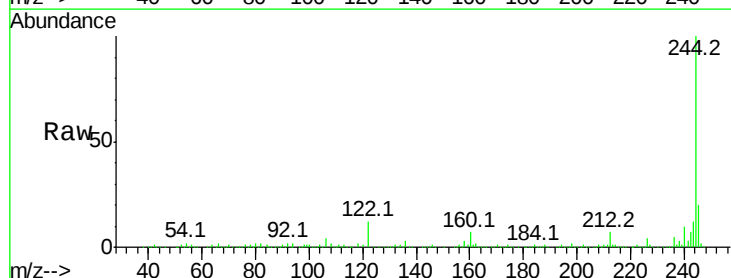


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

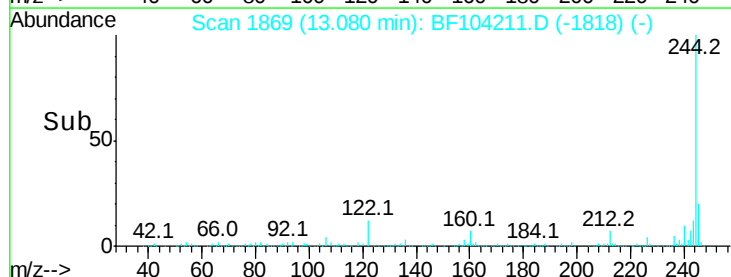
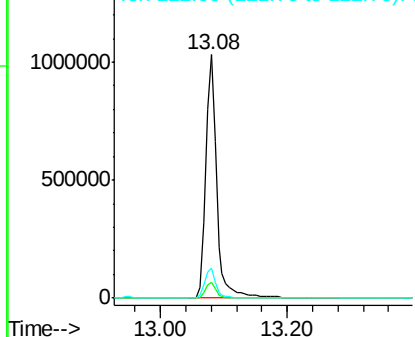


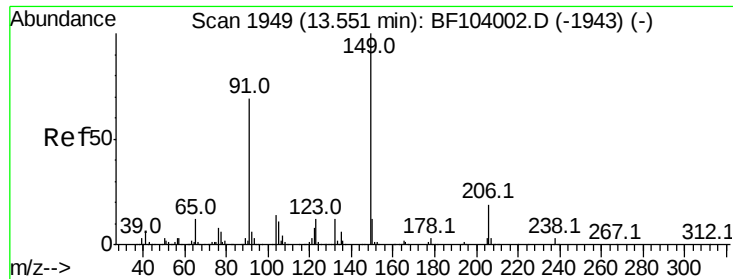
#78
Terphenyl-d14
Concen: 100.649 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:244 Resp: 1237635
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.4 11.0 16.4



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

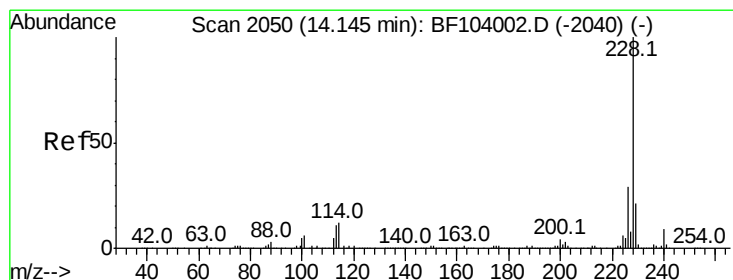
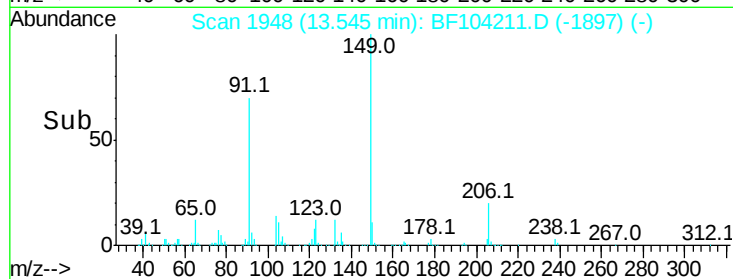
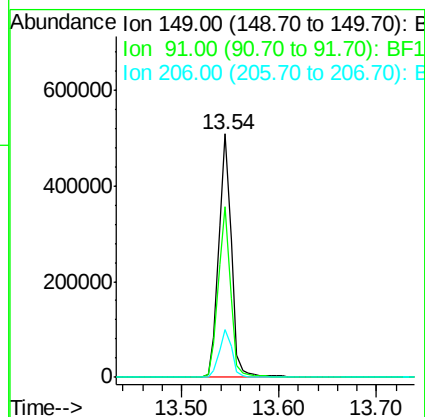
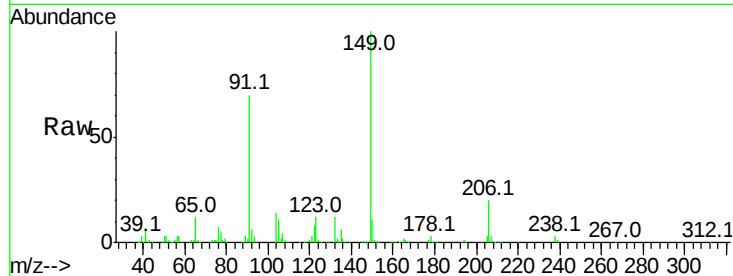




#79
Butylbenzylphthalate
Concen: 48.031 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

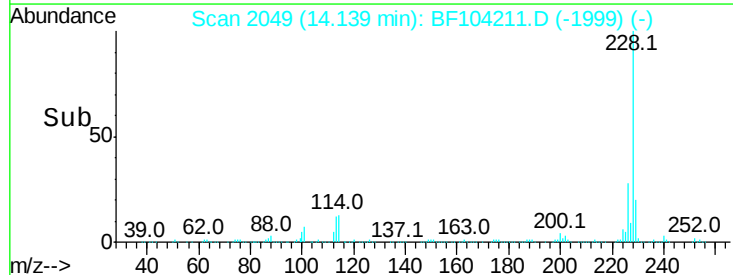
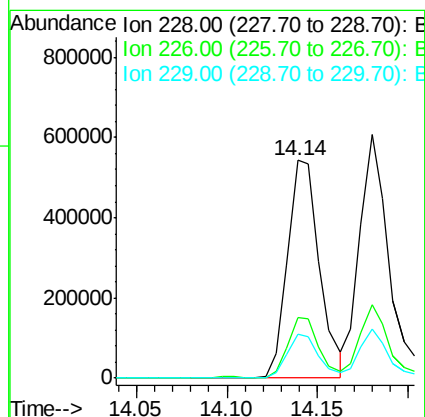
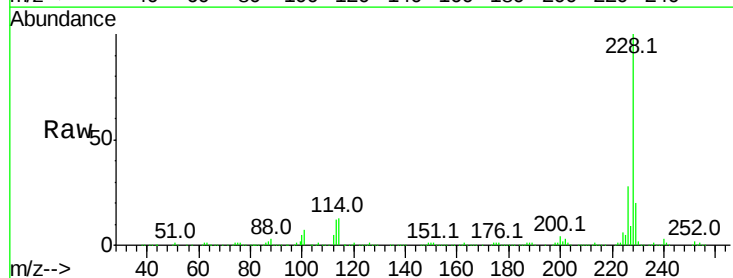
Instrument :
BNA_F
ClientSampleId :

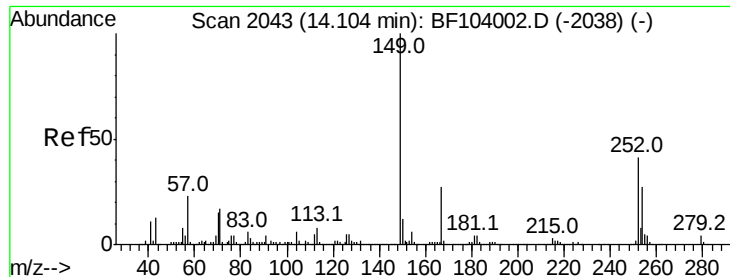
Tot Ion:149 Resp: 461849
Ion Ratio Lower Upper
149 100
91 70.0 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.911 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:228 Resp: 673507
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.679 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

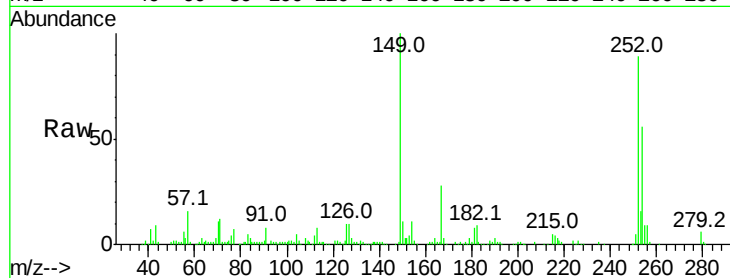
Tot Ion:252 Resp: 233327

Ion Ratio Lower Upper

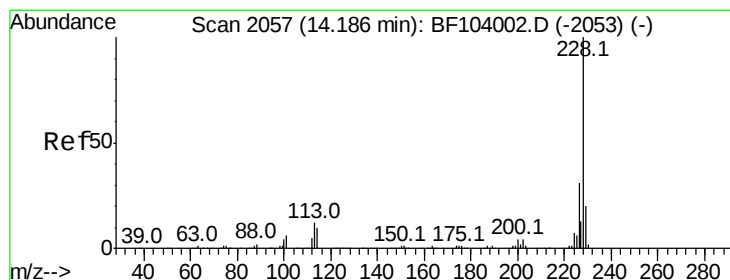
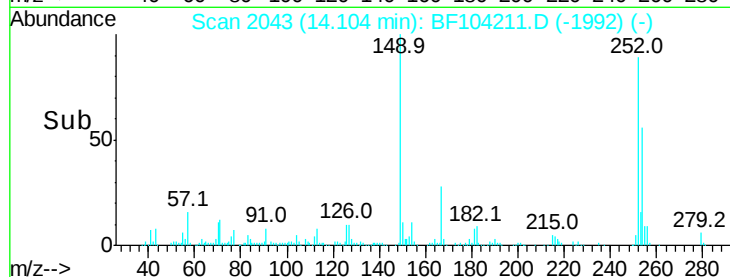
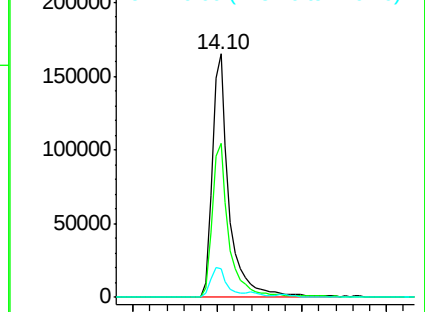
252 100

254 63.2 50.4 75.6

126 11.7 11.3 16.9



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



#82

Chrysene

Concen: 42.219 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

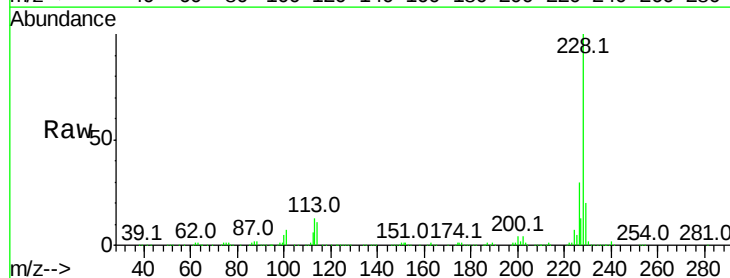
Tgt Ion:228 Resp: 734635

Ion Ratio Lower Upper

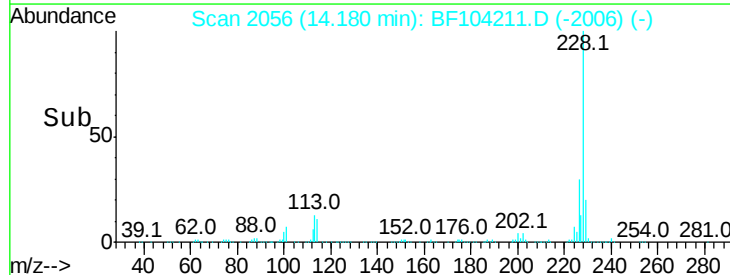
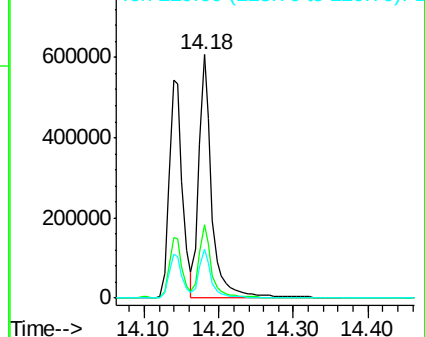
228 100

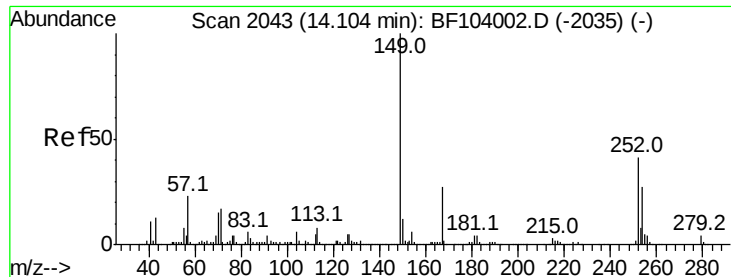
226 30.3 25.0 37.6

229 20.0 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.004 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

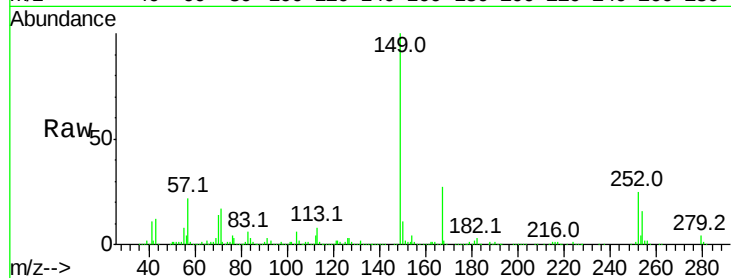
Tot Ion:149 Resp: 608828

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

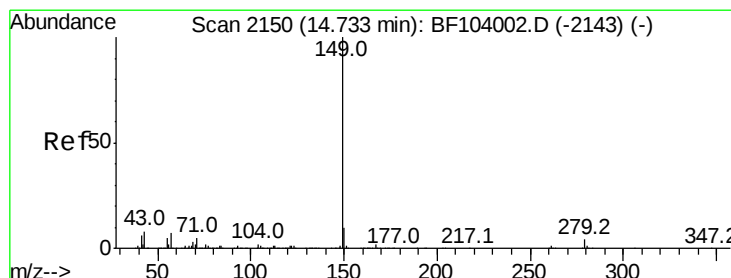
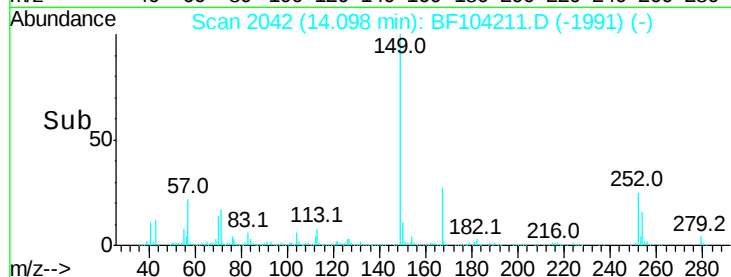
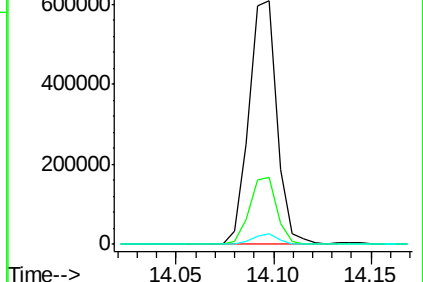
279 4.1 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 42.335 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

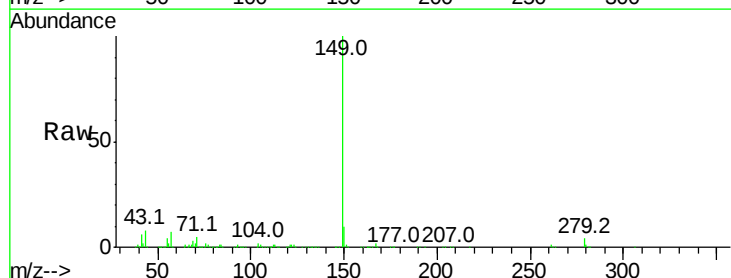
Tgt Ion:149 Resp: 904772

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

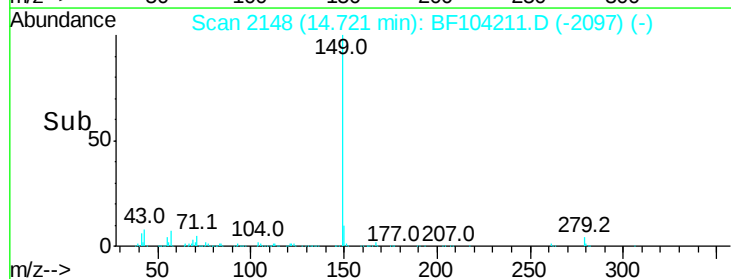
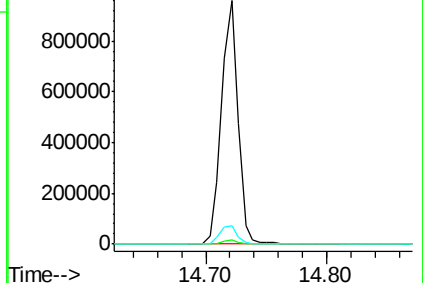
43 7.7 8.4 12.6#

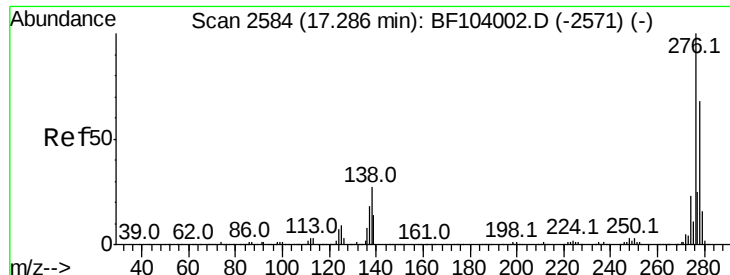


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

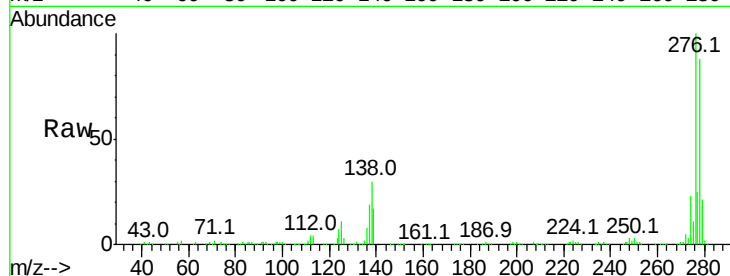




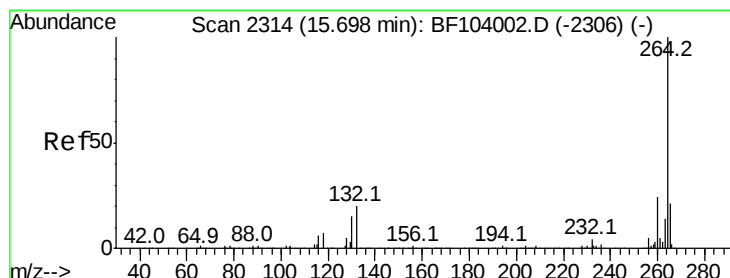
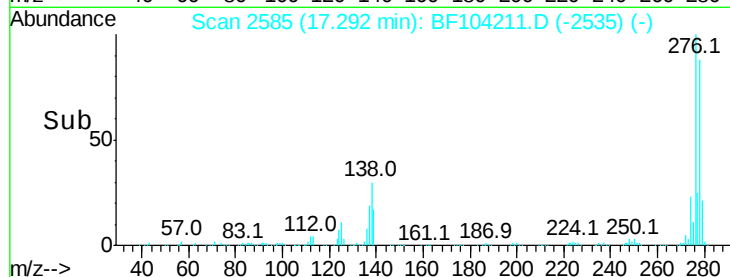
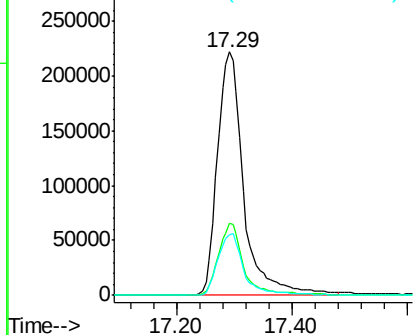
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.897 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	701365
Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	25.5	20.1	30.1

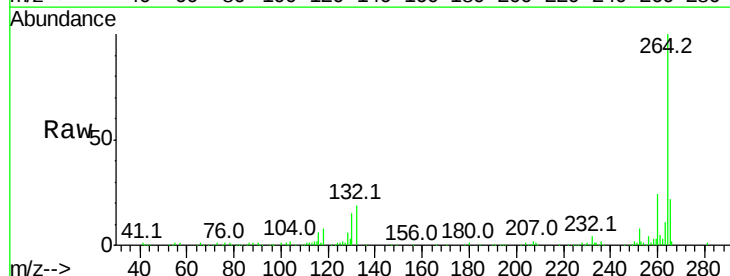


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

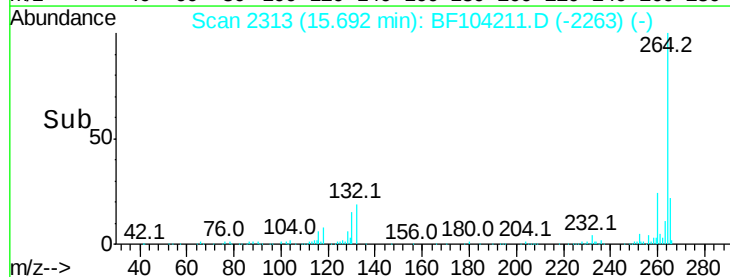
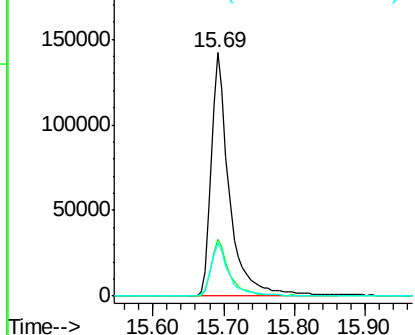


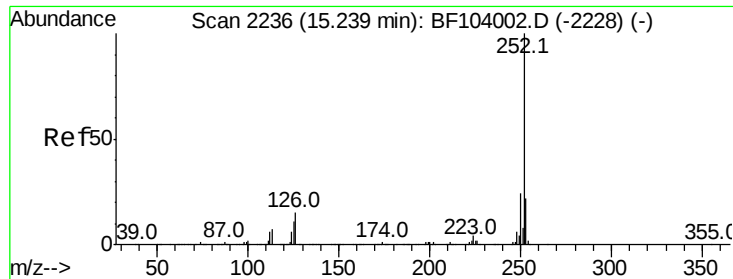
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Tgt Ion:	264	Resp:	255736
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 36.540 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

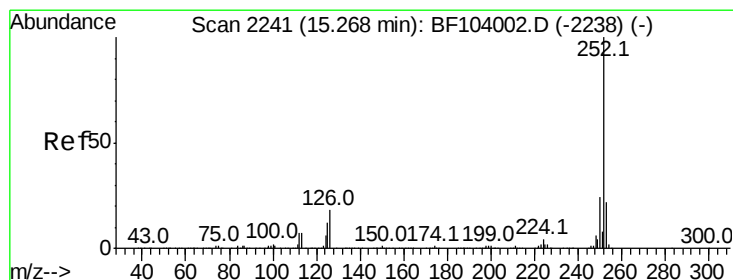
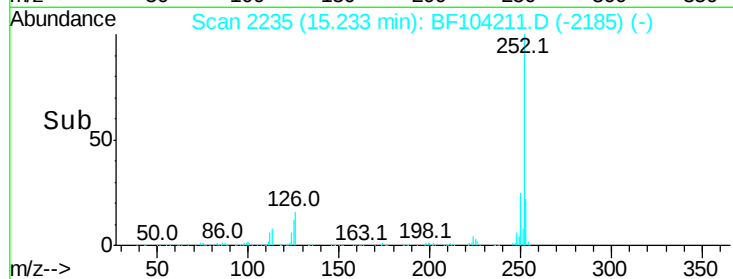
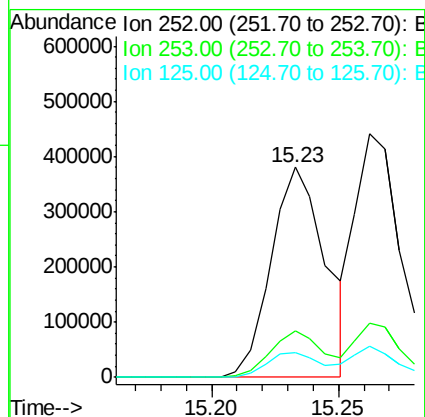
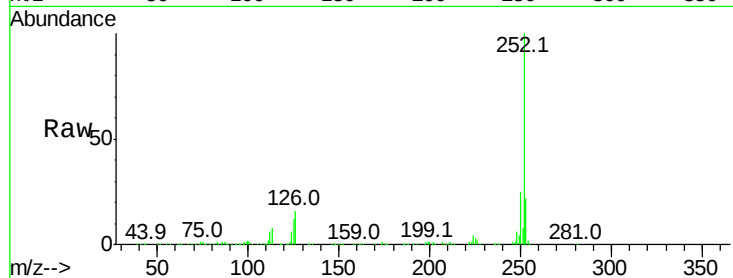
Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 568701

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 43.316 ng

RT: 15.26 min Scan# 2240

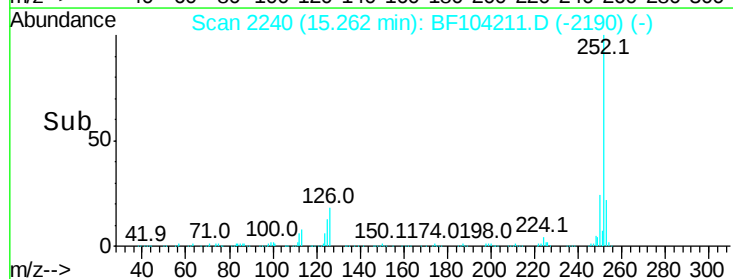
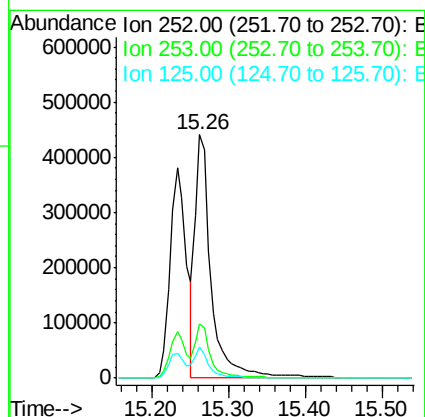
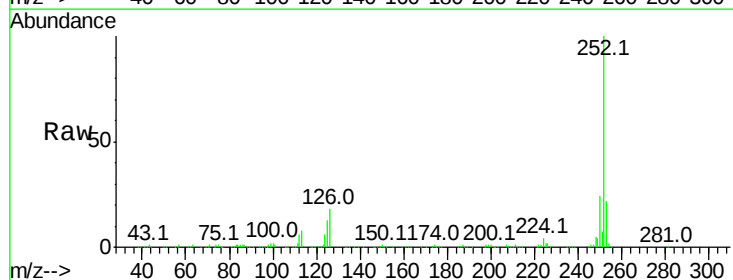
Delta R.T. -0.01 min

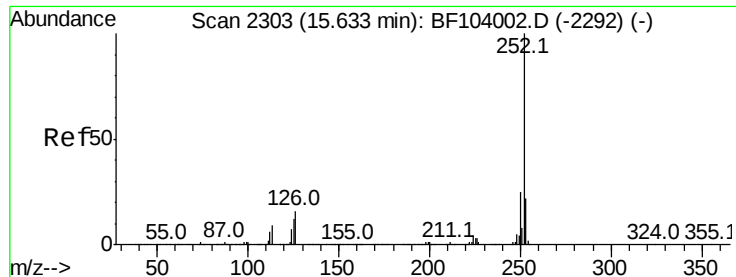
Lab File: BF104211.D

Acq: 4 Apr 2018 7:00

Tgt Ion:252 Resp: 635073

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.8	10.2	15.2

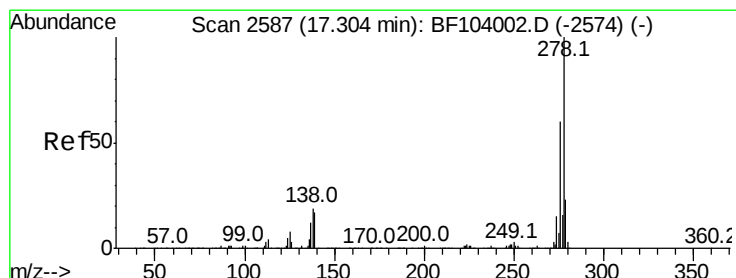
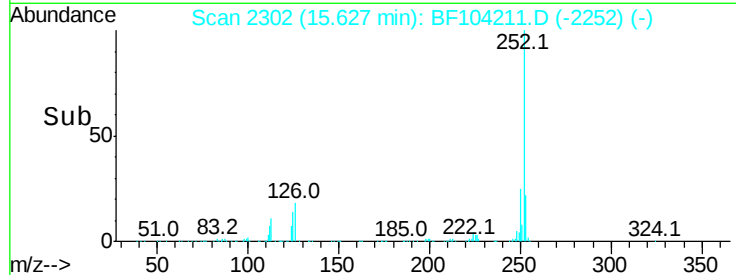
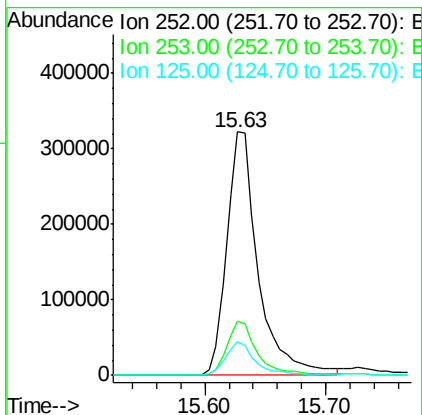
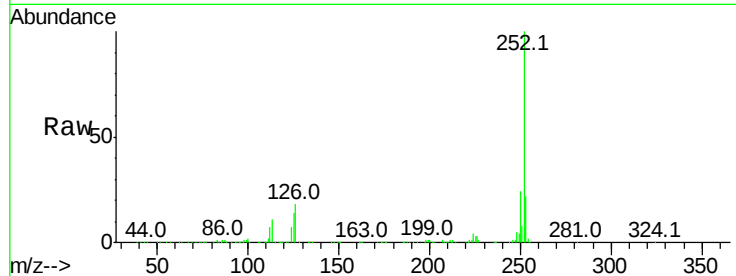




#89
Benzo(a)pyrene
Concen: 40.258 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

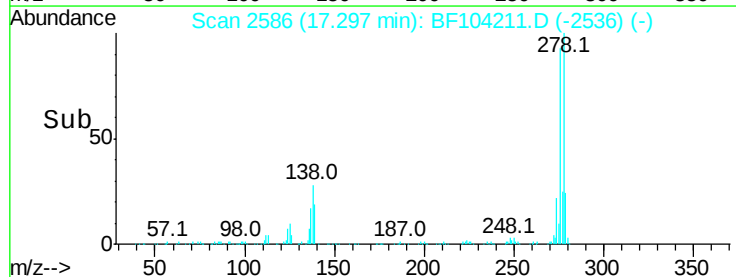
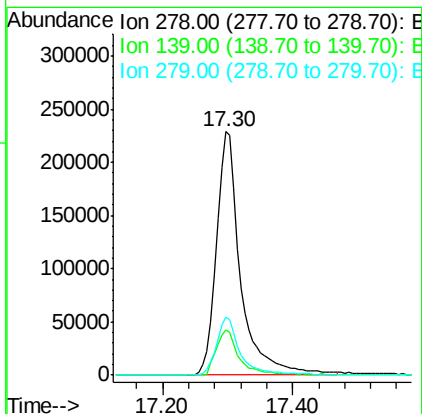
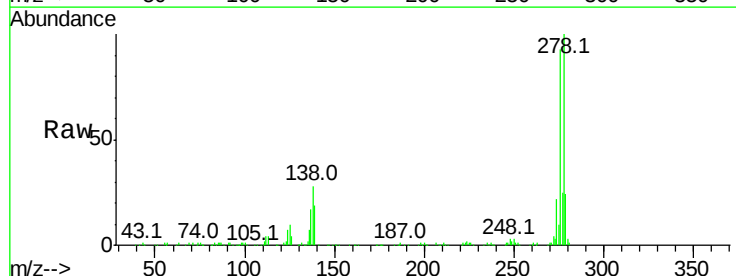
Instrument :
BNA_F
ClientSampleId :

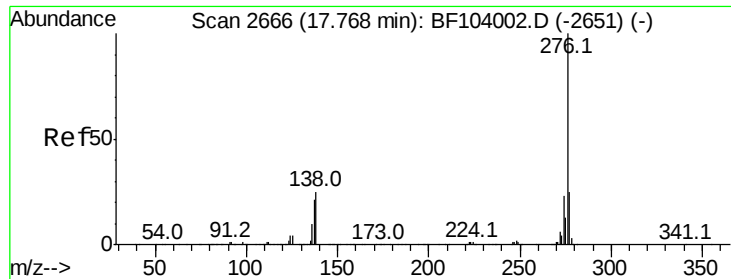
Tot Ion:252 Resp: 580638
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.256 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF104211.D
Acq: 4 Apr 2018 7:00

Tgt Ion:278 Resp: 590146
Ion Ratio Lower Upper
278 100
139 18.7 15.9 23.9
279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.637 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.01 min
 Lab File: BF104211.D
 Acq: 4 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.0	21.8	32.8

