

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104788.D
 Acq On : 25 Apr 2018 14:59
 Operator : JU/SJ
 Sample : J247-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115636	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	510621	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	258255	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	473203	20.00	ng	0.00
75) Chrysene-d12	14.00	240	276206	20.00	ng	0.01
86) Perylene-d12	15.50	264	228211	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	477595	63.15	ng	0.00
7) Phenol-d6	6.44	99	426422	45.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	743771	95.11	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	355685	132.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1451284	88.78	ng	0.00
78) Terphenyl-d14	12.93	244	1335676	110.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	50410	14.305	ng	88
3) Pyridine	3.28	79	105890	10.688	ng	85
4) n-Nitrosodimethylamine	3.22	42	55081	15.904	ng	87
6) Aniline	6.46	93	181989	14.097	ng	98
8) 2-Chlorophenol	6.59	128	297960	37.329	ng	95
9) Benzaldehyde	6.35	77	143772	27.582	ng	96
10) Phenol	6.45	94	168271	17.068	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	313467	39.843	ng	96
12) 1,3-Dichlorobenzene	6.74	146	327142	36.177	ng	100
13) 1,4-Dichlorobenzene	6.82	146	334787	37.140	ng	99
14) 1,2-Dichlorobenzene	6.97	146	320912	38.417	ng	100
15) Benzyl Alcohol	6.95	79	201103	28.495	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	384752	36.415	ng	68
17) 2-Methylphenol	7.06	107	238373	34.355	ng	# 91
18) Hexachloroethane	7.31	117	120201	37.400	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	244871	40.328	ng	92
20) 3+4-Methylphenols	7.22	107	259863	30.198	ng	# 59
22) Acetophenone	7.21	105	489183	38.913	ng	99
24) Nitrobenzene	7.39	77	373182	43.224	ng	93
25) Isophorone	7.63	82	710779	42.983	ng	99
26) 2-Nitrophenol	7.70	139	198504	56.477	ng	95
27) 2,4-Dimethylphenol	7.75	122	313518	42.960	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	449681	44.477	ng	99
29) 2,4-Dichlorophenol	7.95	162	295661	42.460	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	300340	39.301	ng	99
31) Naphthalene	8.11	128	1011076	39.765	ng	100
32) Benzoic acid	7.83	122	25893	4.447	ng	98
33) 4-Chloroaniline	8.16	127	148194	13.605	ng	97
34) Hexachlorobutadiene	8.22	225	161449	38.571	ng	97
35) Caprolactam	8.54	113	11511	4.739	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	328498	43.996	ng	99
37) 2-Methylnaphthalene	8.80	142	721109	43.845	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316433	42.803	ng	98
40) Hexachlorocyclopentadiene	8.95	237	196277	47.425	ng	98

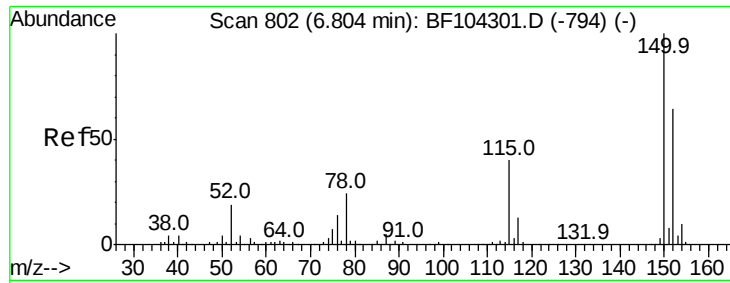
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	227631	44.356	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	245322	42.718	ng	98
45) 1,1'-Biphenyl	9.27	154	880015	40.563	ng	98
46) 2-Chloronaphthalene	9.29	162	697463	40.701	ng	100
47) 2-Nitroaniline	9.40	65	216252	51.029	ng	87
48) Acenaphthylene	9.71	152	1035414	38.510	ng	99
49) Dimethylphthalate	9.57	163	922911	45.318	ng	99
50) 2,6-Dinitrotoluene	9.64	165	195502	51.879	ng	96
51) Acenaphthene	9.88	154	621420	37.881	ng	99
52) 3-Nitroaniline	9.80	138	96134	21.791	ng	99
53) 2,4-Dinitrophenol	9.92	184	98820	68.279	ng	# 23
54) Dibenzofuran	10.06	168	925143	40.468	ng	100
55) 4-Nitrophenol	9.98	139	110337	31.839	ng	98
56) 2,4-Dinitrotoluene	10.05	165	245145	49.594	ng	93
57) Fluorene	10.40	166	753103	45.258	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	188824	44.073	ng	95
59) Diethylphthalate	10.27	149	898996	44.324	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	355960	48.034	ng	99
61) 4-Nitroaniline	10.43	138	189803	44.001	ng	99
62) Azobenzene	10.55	77	787017	40.615	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	90629	40.653	ng	86
65) n-Nitrosodiphenylamine	10.51	169	700433	42.691	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	226912	45.082	ng	98
67) Hexachlorobenzene	10.95	284	251477	44.402	ng	93
68) Atrazine	11.04	200	233484	47.145	ng	99
69) Pentachlorophenol	11.15	266	182487	52.083	ng	96
70) Phenanthrene	11.36	178	1072375	40.694	ng	99
71) Anthracene	11.42	178	1108719	41.389	ng	99
72) Carbazole	11.57	167	1002287	38.290	ng	99
73) Di-n-butylphthalate	11.89	149	1365992	42.720	ng	99
74) Fluoranthene	12.55	202	1052701	38.234	ng	99
76) Benzidine	12.67	184	256704	24.076	ng	98
77) Pyrene	12.79	202	1010633	49.363	ng	99
79) Butylbenzylphthalate	13.40	149	525652	54.498	ng	95
80) Benzo(a)anthracene	13.99	228	770390	46.688	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	183317	29.796	ng	# 97
82) Chrysene	14.03	228	725328	42.795	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	728664	58.734	ng	98
84) Di-n-octyl phthalate	14.62	149	1065099	51.380	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.98	276	629802	43.743	ng	95
87) Benzo(b)fluoranthene	15.07	252	674462	46.794	ng	99
88) Benzo(k)fluoranthene	15.10	252	550396	40.448	ng	99
89) Benzo(a)pyrene	15.44	252	578554	44.862	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	534780	50.490	ng	97
91) Benzo(g,h,i)perylene	17.43	276	518051	50.484	ng	94

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

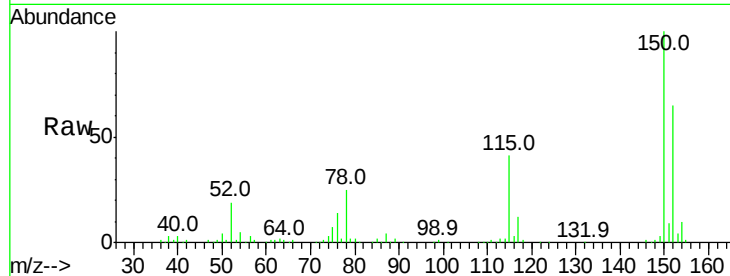


#1

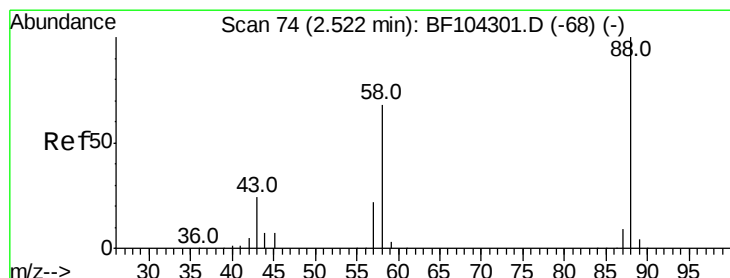
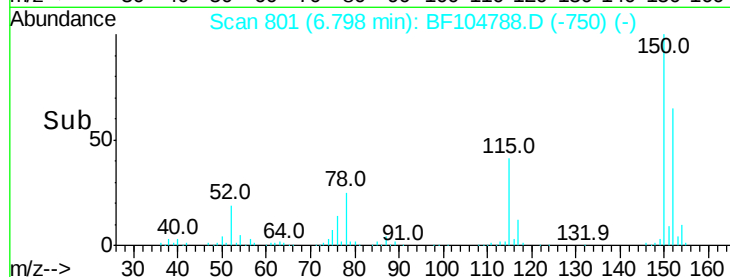
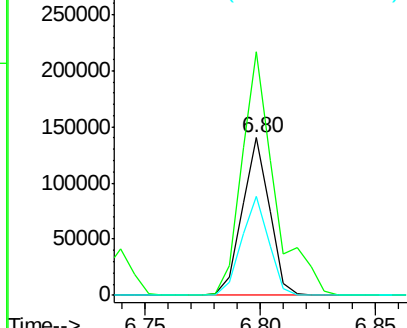
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115636
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 63.1 50.1 75.1



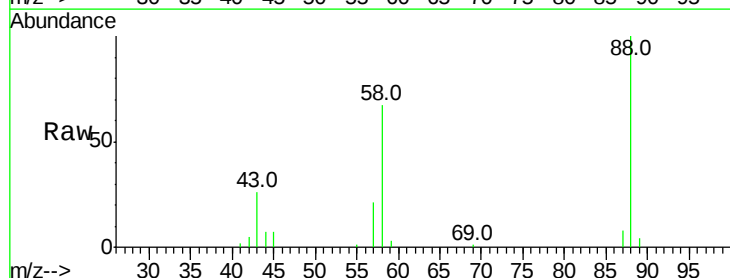
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



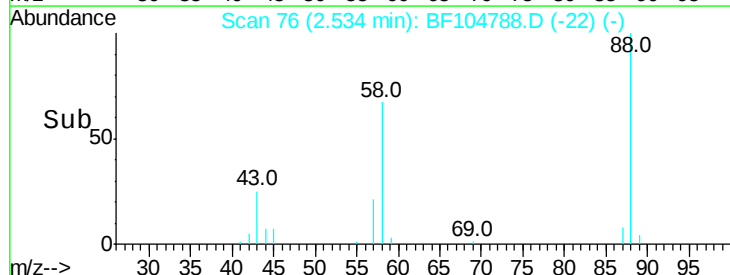
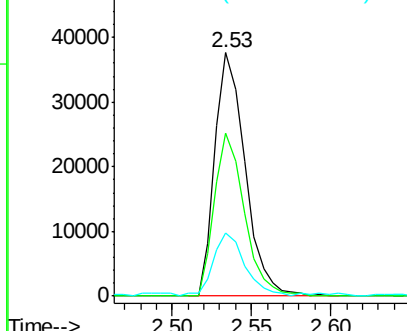
#2

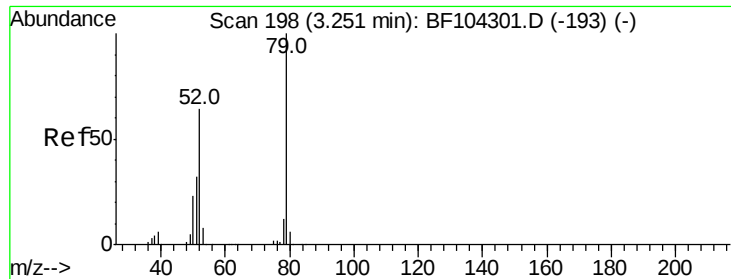
1,4-Dioxane
Concen: 14.305 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.02 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion: 88 Resp: 50410
Ion Ratio Lower Upper
88 100
58 66.3 62.6 93.8
43 27.0 24.6 37.0



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

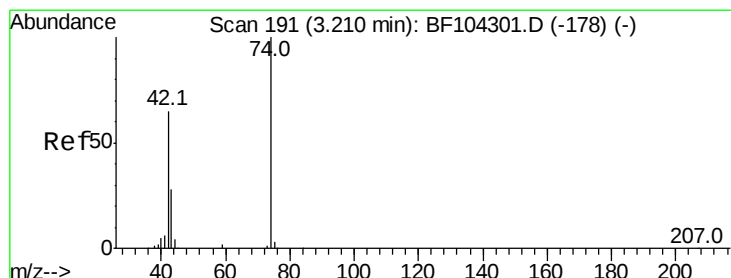
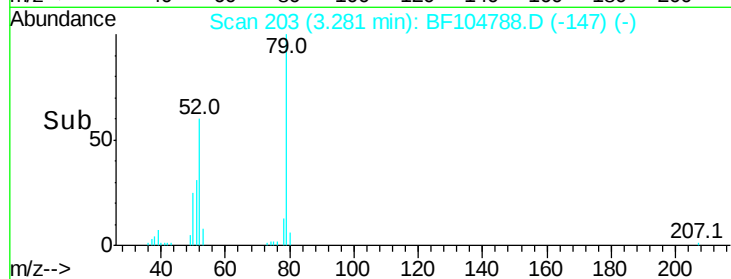
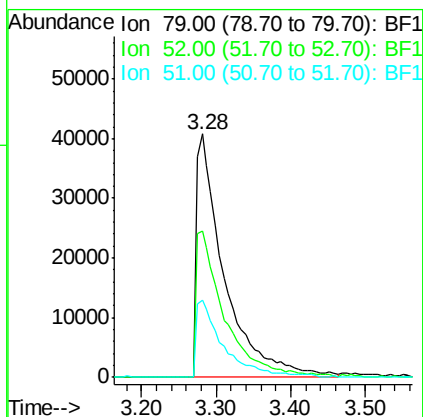
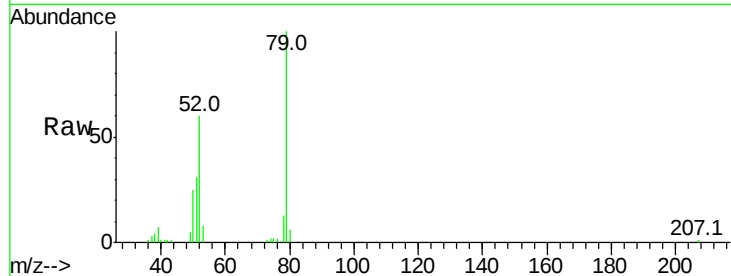




#3
 Pvridine
 Concen: 10.688 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.03 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

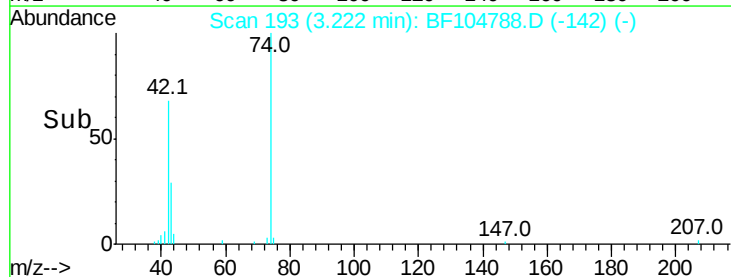
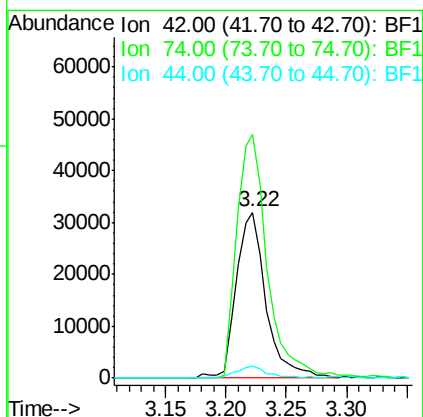
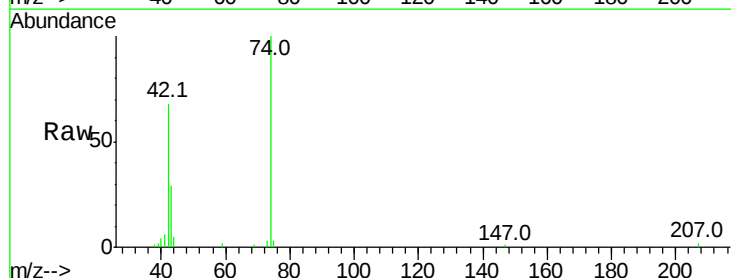
Instrument :
 BNA_F
 ClientSampleId :

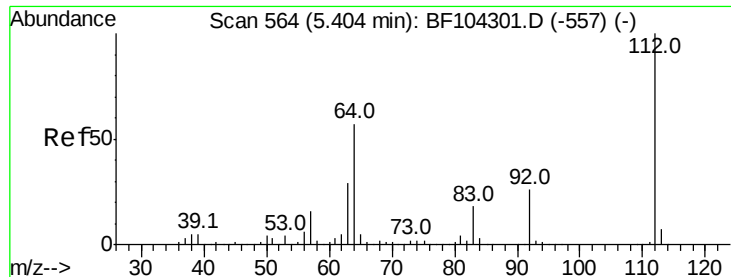
Tot Ion: 79 Resp: 105890
 Ion Ratio Lower Upper
 79 100
 52 60.3 59.8 89.6
 51 31.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 15.904 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion: 42 Resp: 55081
 Ion Ratio Lower Upper
 42 100
 74 146.8 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 63.152 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampleId :

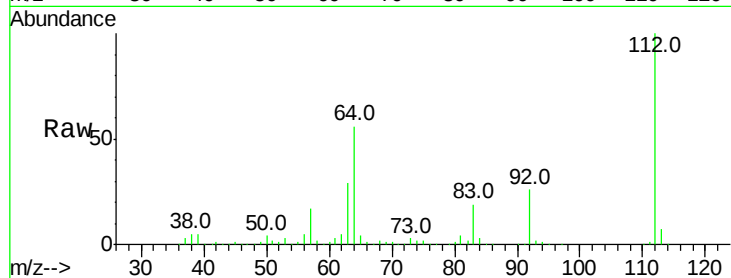
Tot Ion:112 Resp: 477595

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

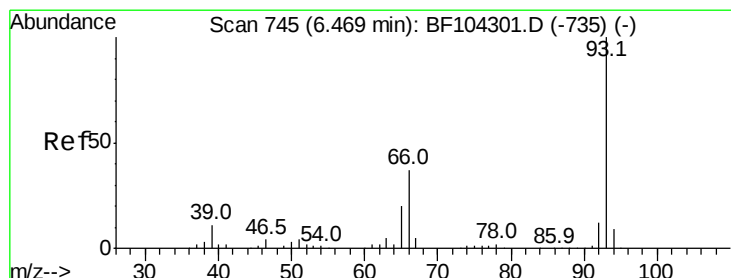
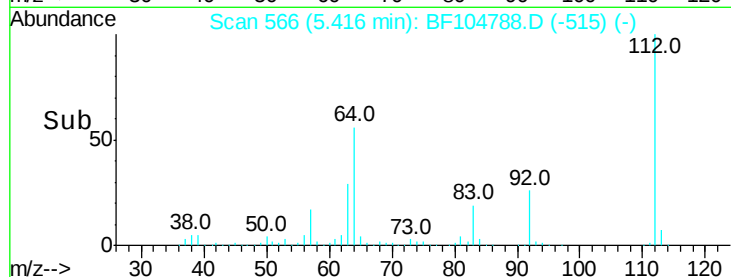
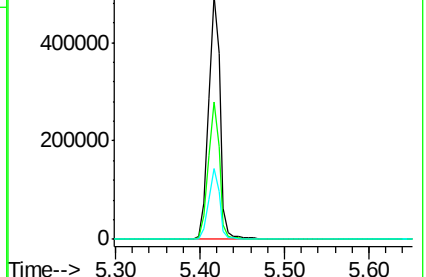
63 29.3 23.7 35.5



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: 14.097 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

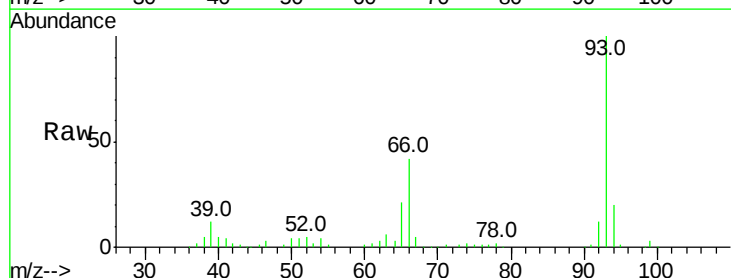
Tgt Ion: 93 Resp: 181989

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.2

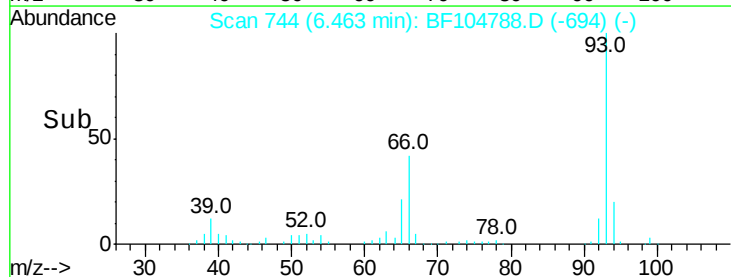
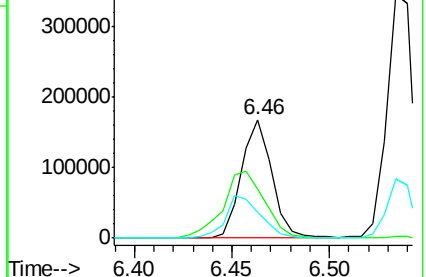
65 21.4 16.4 24.6

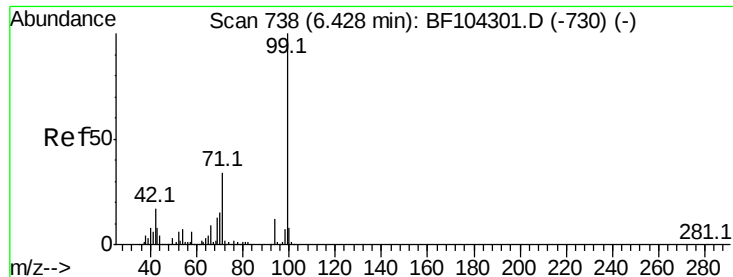


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.892 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampled :

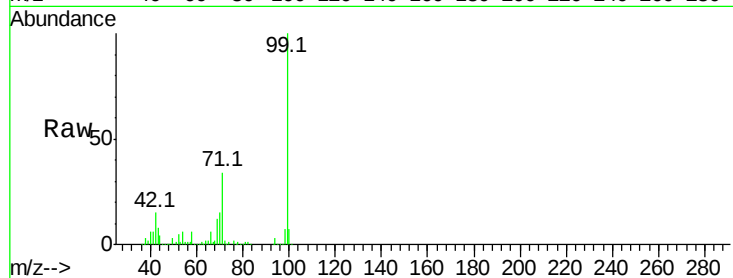
Tot Ion: 99 Resp: 426422

Ion Ratio Lower Upper

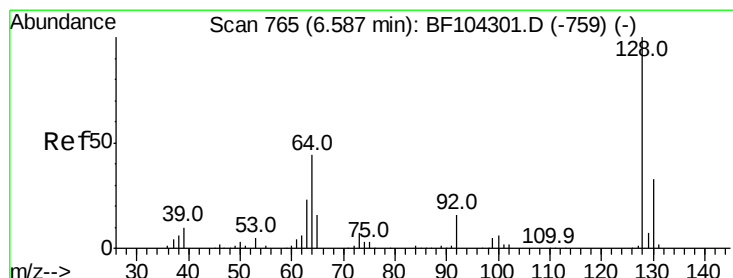
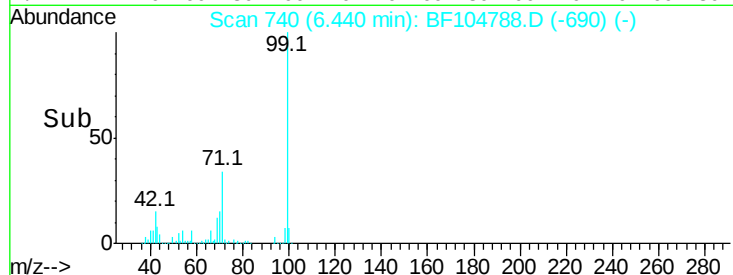
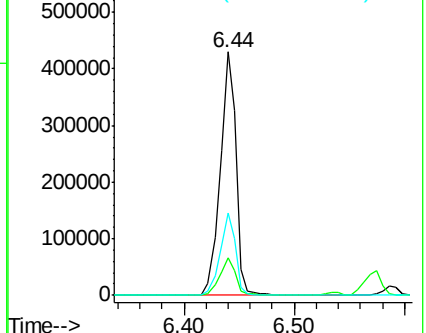
99 100

42 15.5 14.5 21.7

71 33.7 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: 37.329 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

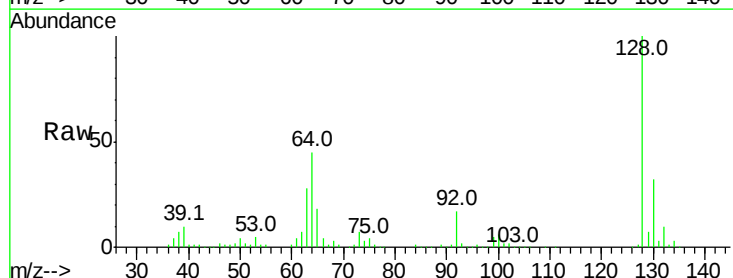
Tgt Ion: 128 Resp: 297960

Ion Ratio Lower Upper

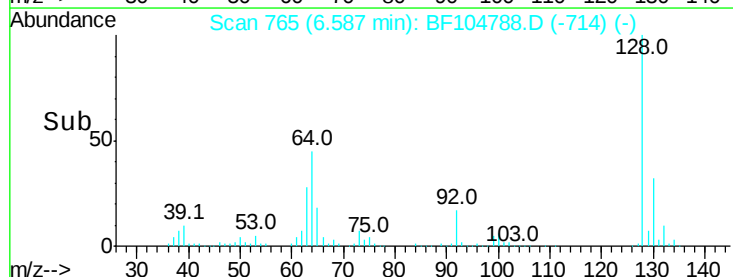
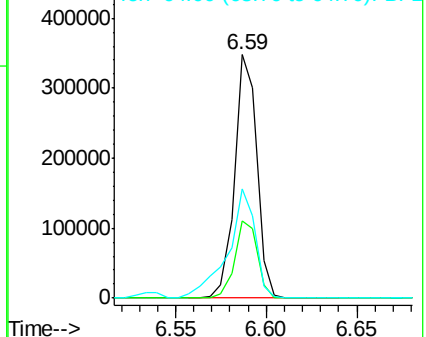
128 100

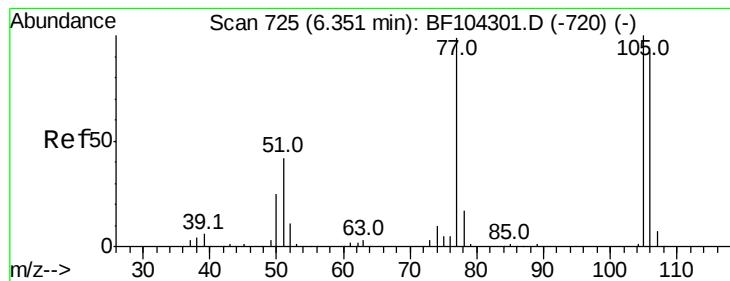
130 31.8 13.0 53.0

64 44.7 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: 27.582 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

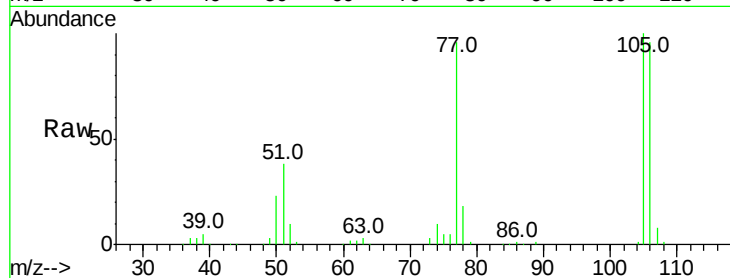
Tot Ion: 77 Resp: 143772

Ion Ratio Lower Upper

77 100

105 104.1 81.1 121.1

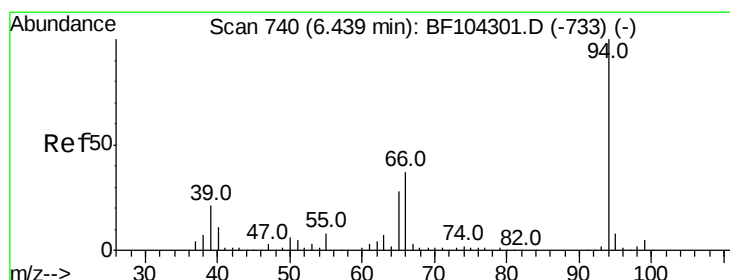
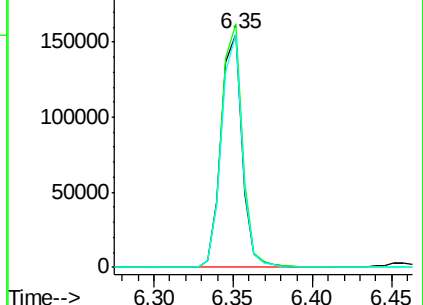
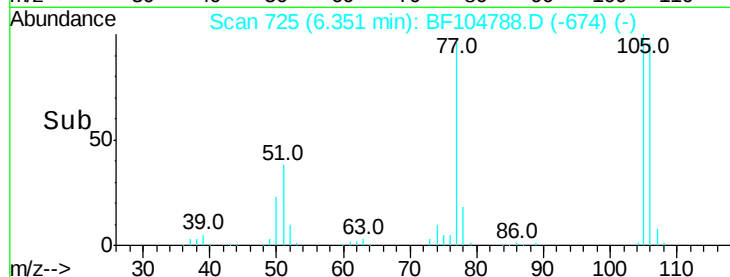
106 99.6 74.5 114.5



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: 17.068 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

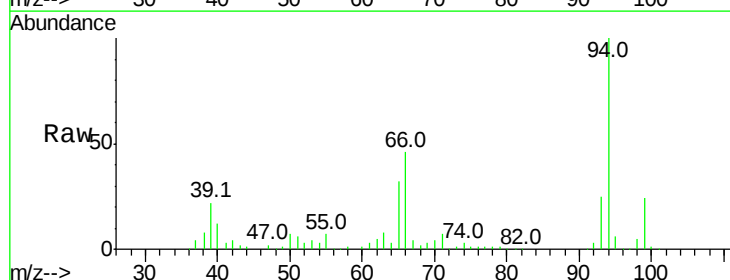
Tgt Ion: 94 Resp: 168271

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

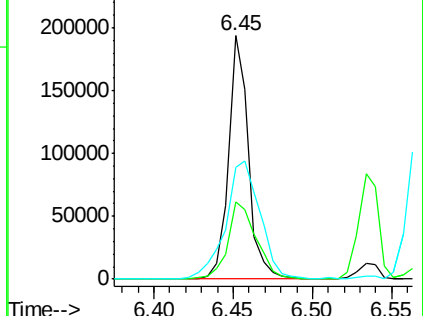
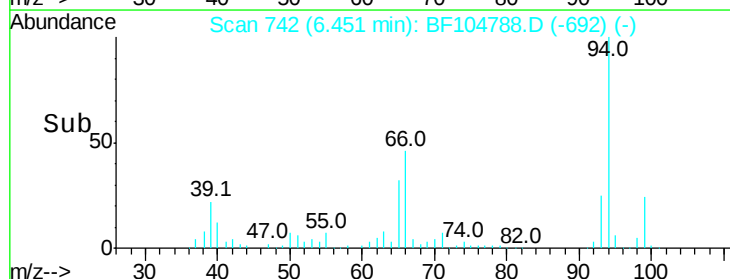
66 45.7 16.2 56.2

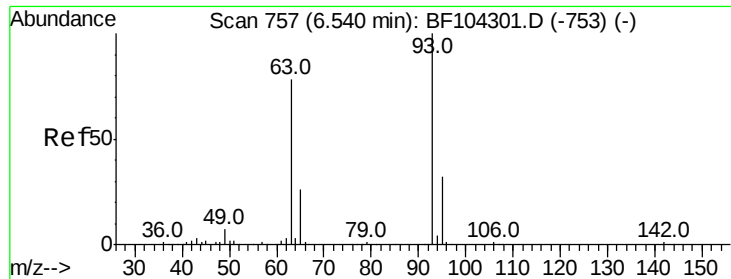


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.843 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

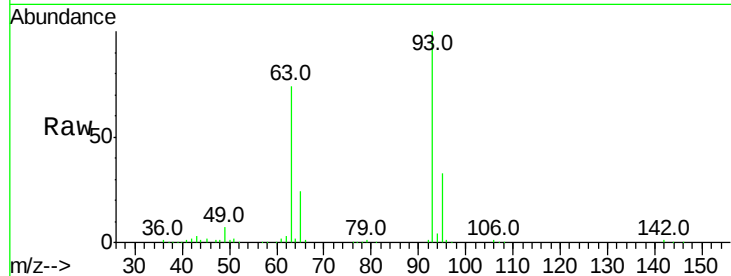
Tot Ion: 93 Resp: 313467

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

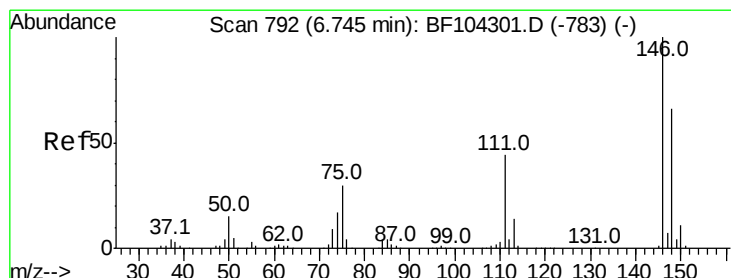
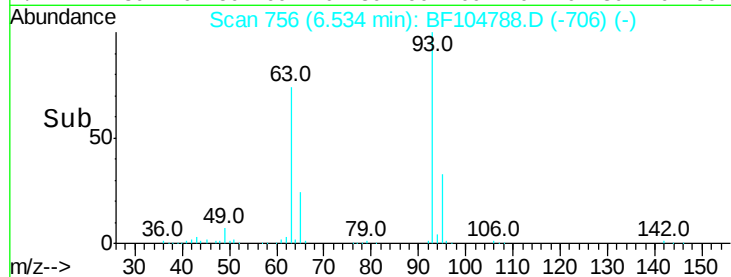
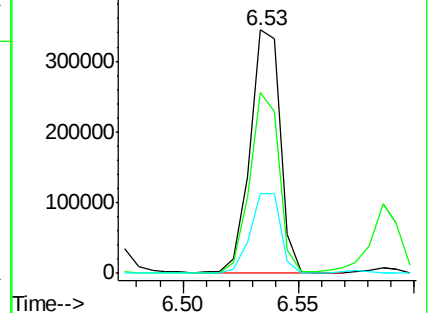
95 32.9 11.8 51.8



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: 36.177 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

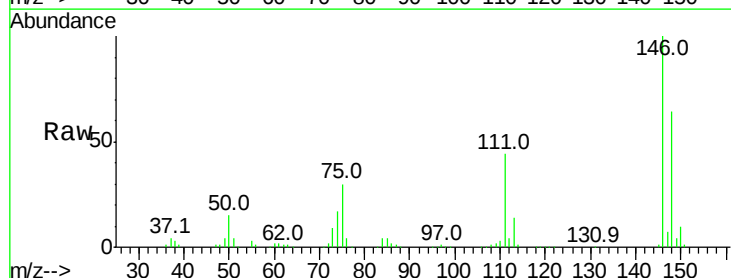
Tgt Ion: 146 Resp: 327142

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

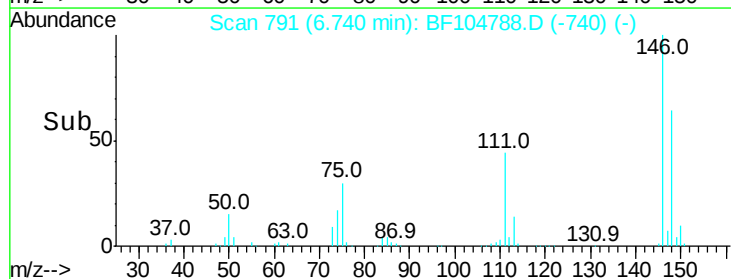
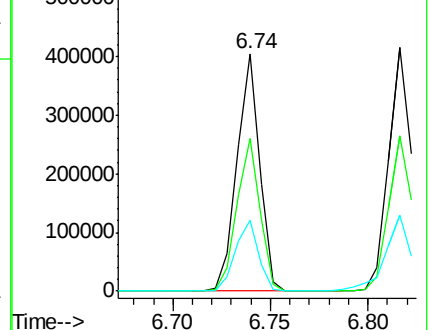
75 30.0 24.2 36.4

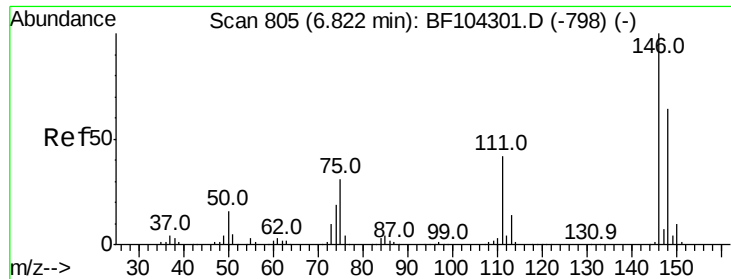


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

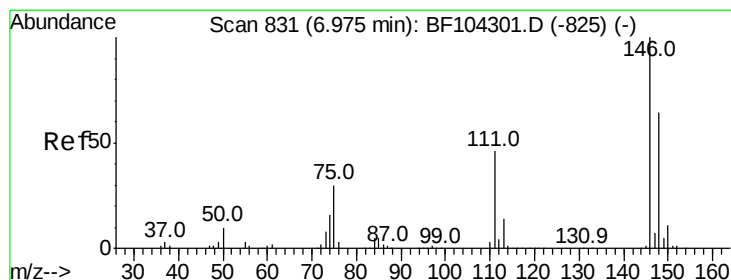
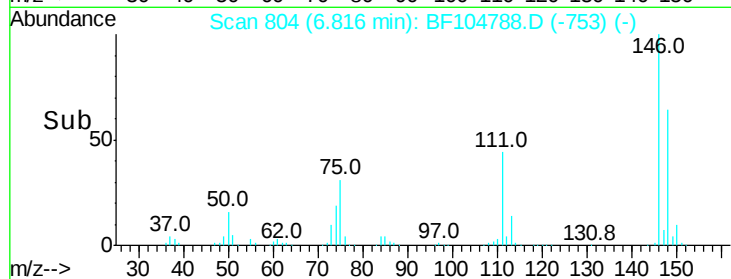
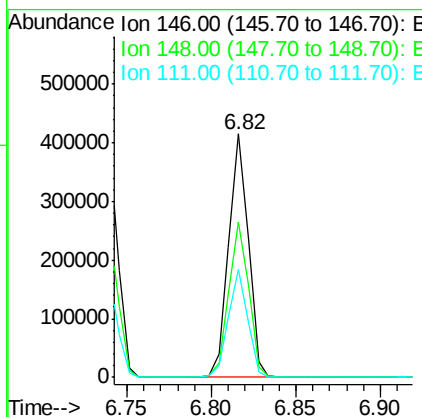
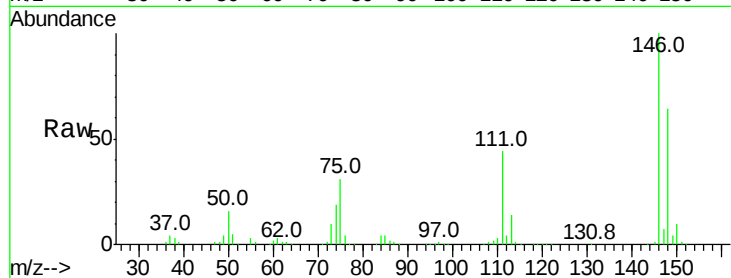




#13
 1,4-Dichlorobenzene
 Concen: 37.140 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

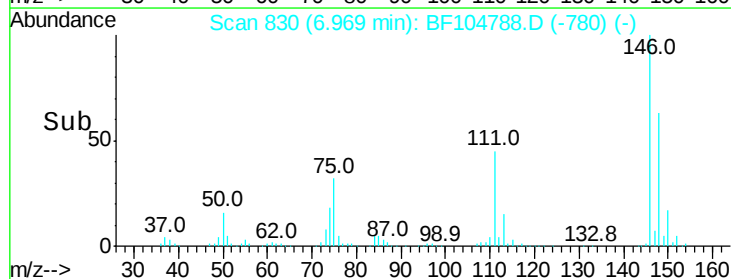
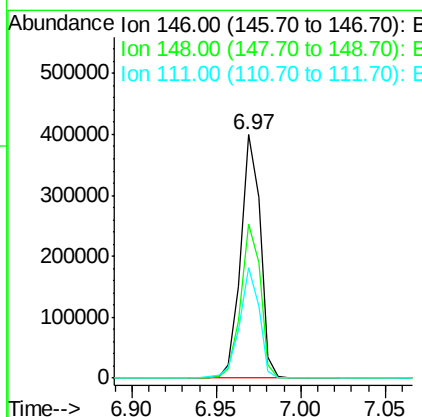
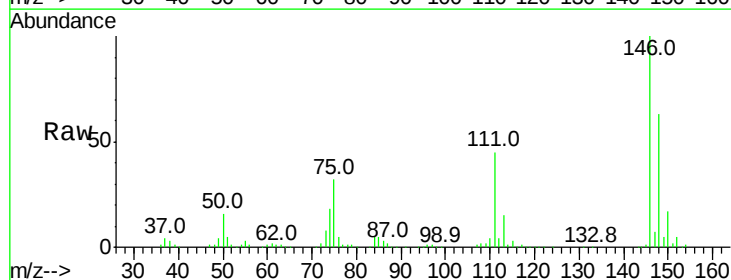
Instrument :
 BNA_F
 ClientSampled :

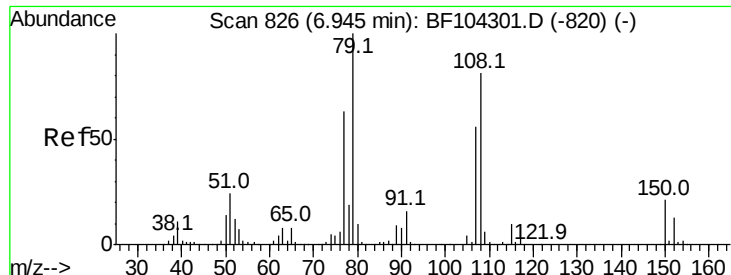
Tot Ion:146 Resp: 334787
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 44.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.417 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:146 Resp: 320912
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 45.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 28.495 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

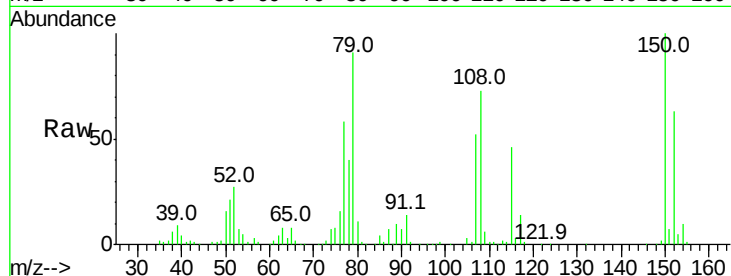
Tot Ion: 79 Resp: 201103

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

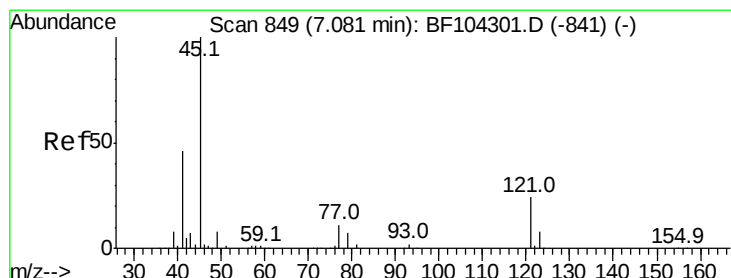
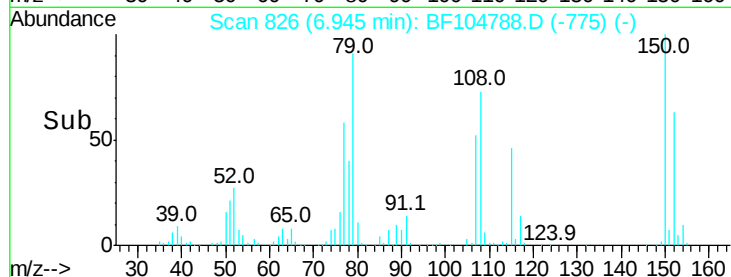
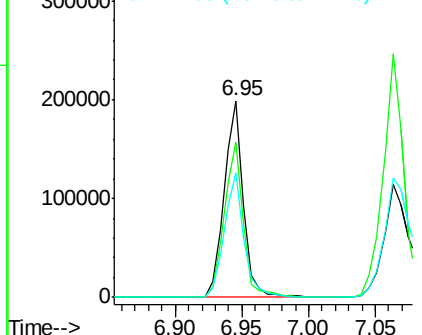
77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.415 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

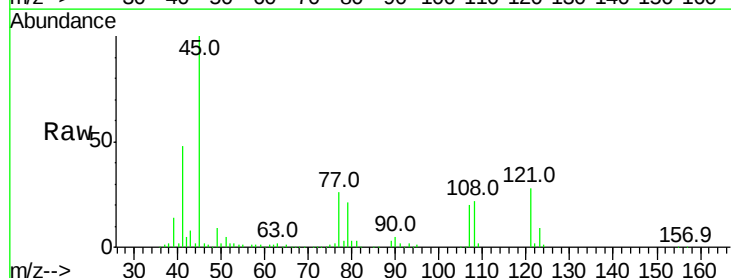
Tgt Ion: 45 Resp: 384752

Ion Ratio Lower Upper

45 100

77 25.5 0.0 32.9

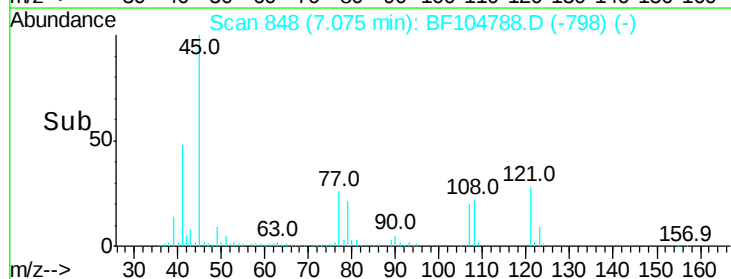
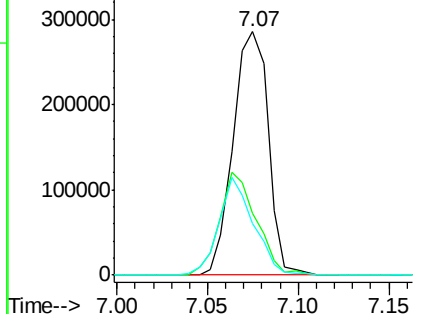
79 21.0 0.0 29.6

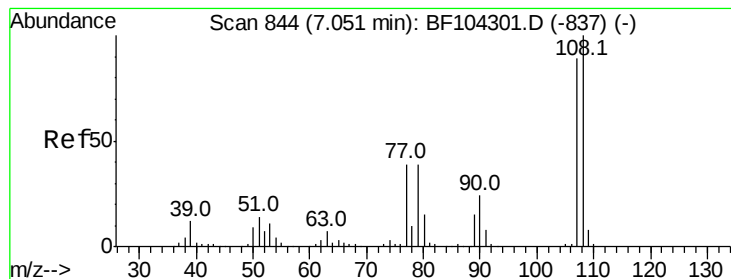


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

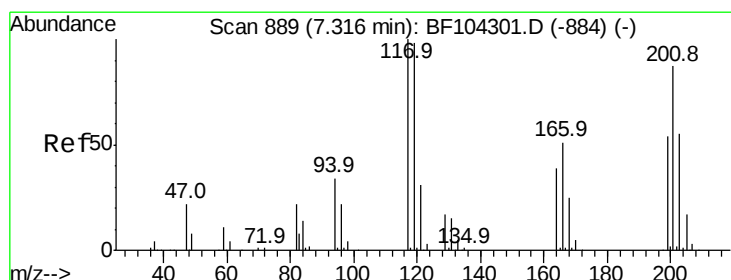
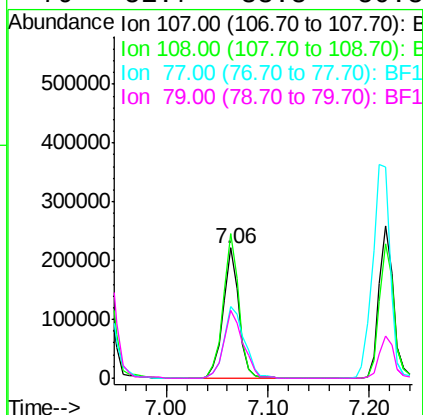
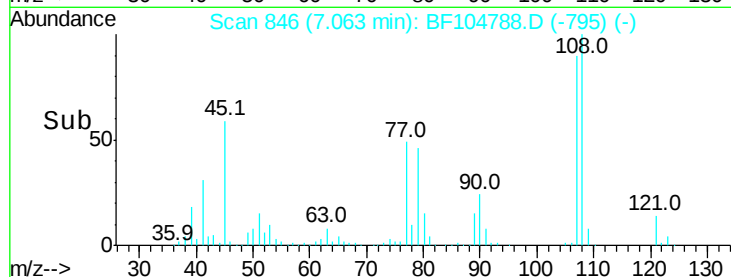
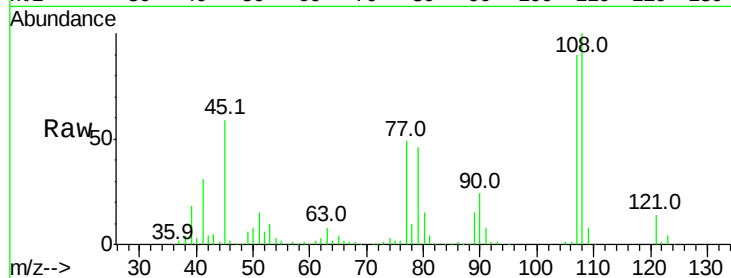




#17
2-Methylphenol
Concen: 34.355 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

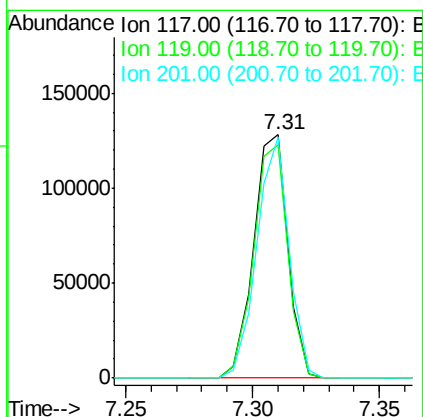
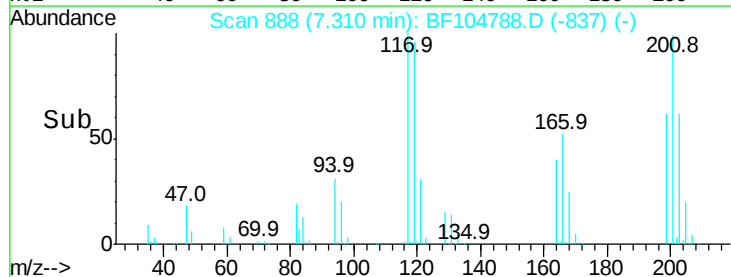
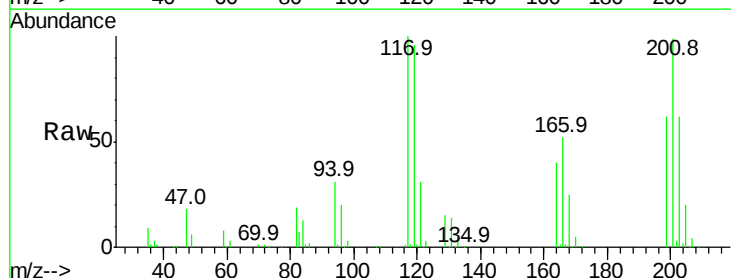
Instrument :
BNA_F
ClientSampleId :

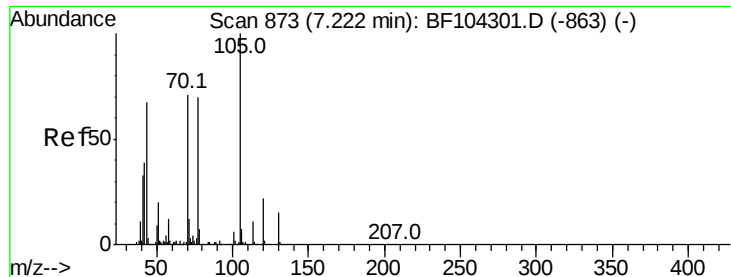
Tot Ion:107 Resp: 238373
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 54.7 33.8 50.8#
79 51.7 33.8 50.8#



#18
Hexachloroethane
Concen: 37.400 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:117 Resp: 120201
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 99.0 75.7 113.5

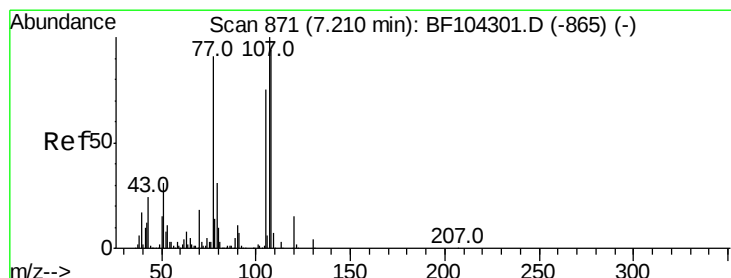
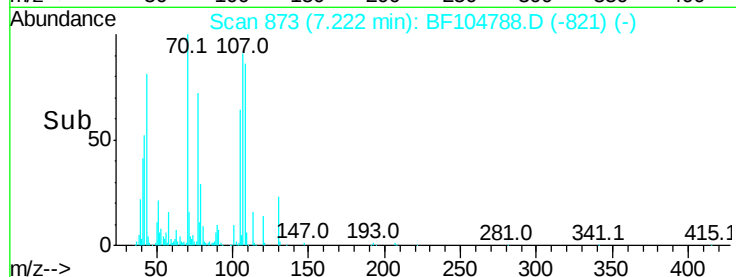
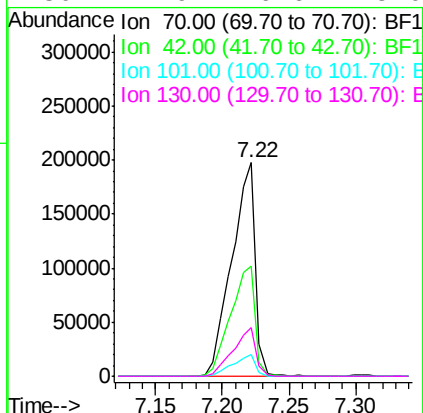
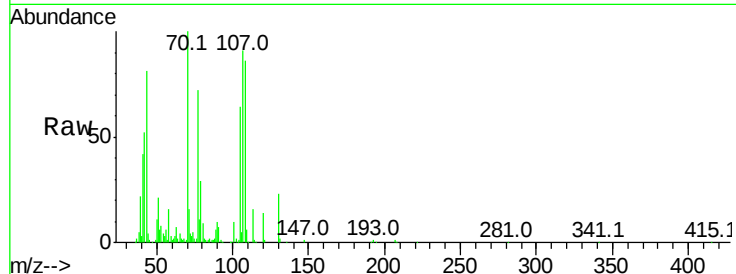




#19
n-Nitroso-di-n-propylamine
Concen: 40.328 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

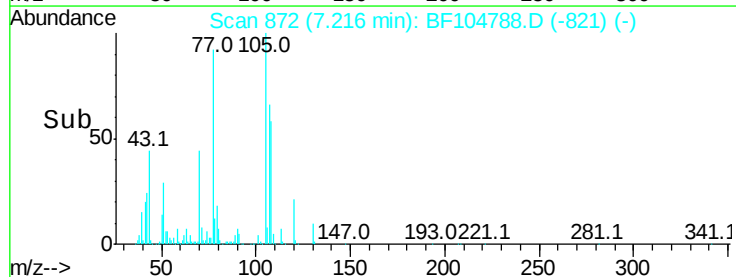
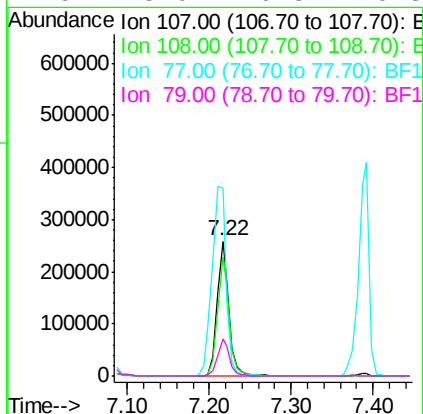
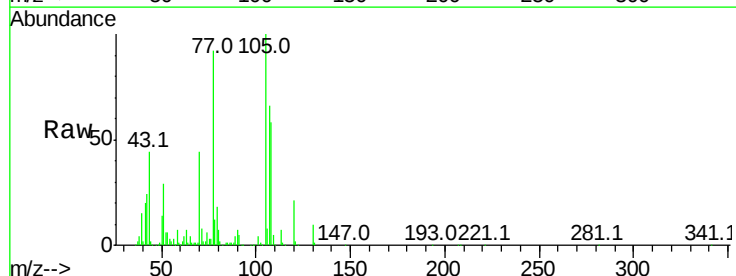
Instrument :
BNA_F
ClientSampleId :

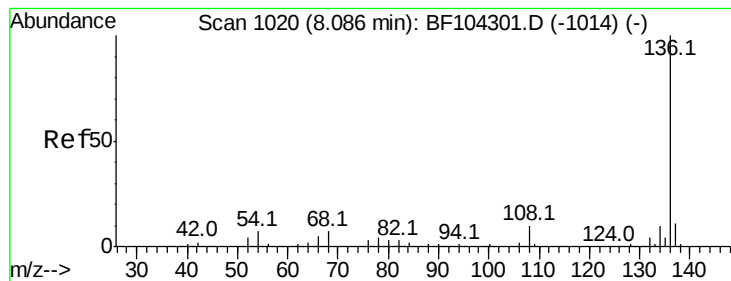
Tot Ion: 70 Resp: 244871
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 10.2 7.4 11.2
130 22.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.198 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion: 107 Resp: 259863
Ion Ratio Lower Upper
107 100
108 88.4 68.2 108.2
77 139.5 26.7 66.7#
79 28.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 510621

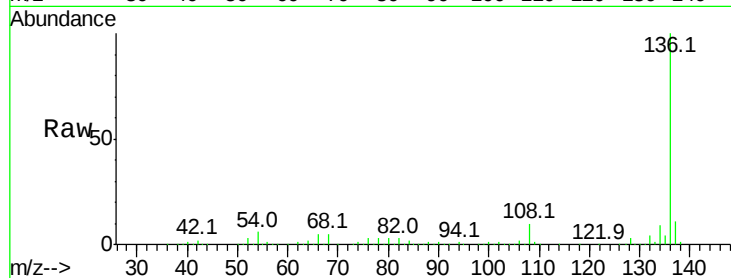
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.3 5.0 7.4

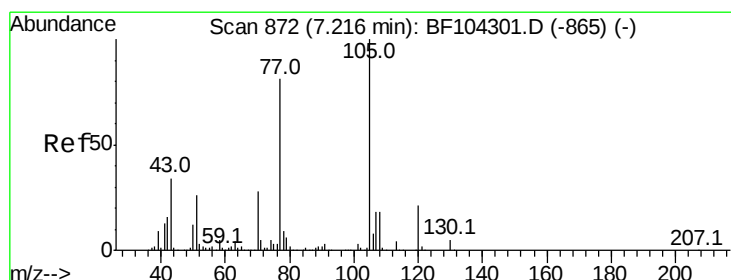
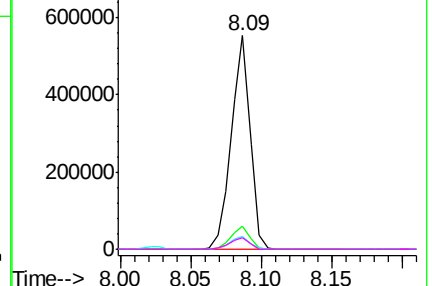
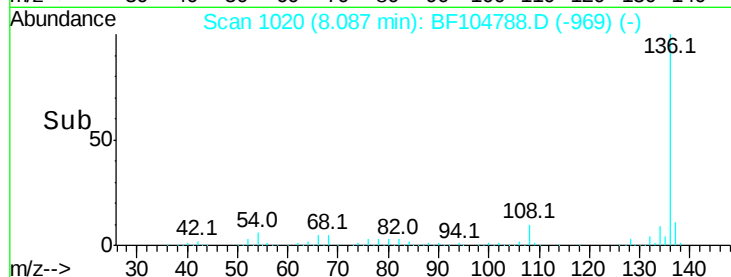


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.913 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Tgt Ion:105 Resp: 489183

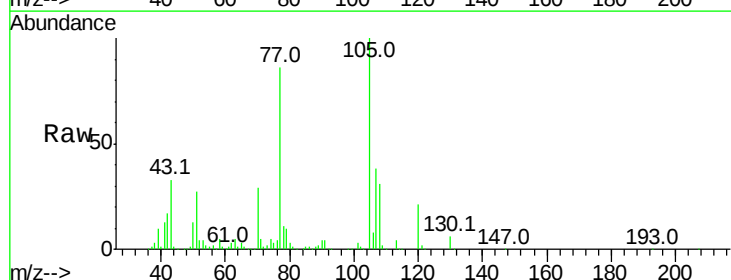
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 27.1 22.3 33.5

120 20.6 16.9 25.3

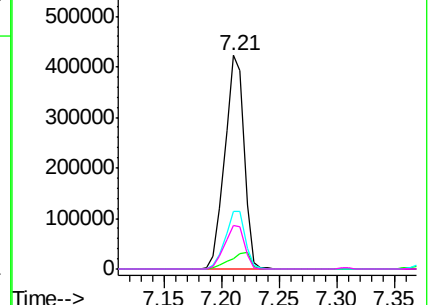
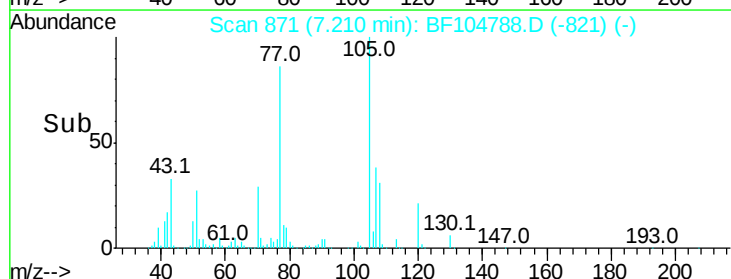


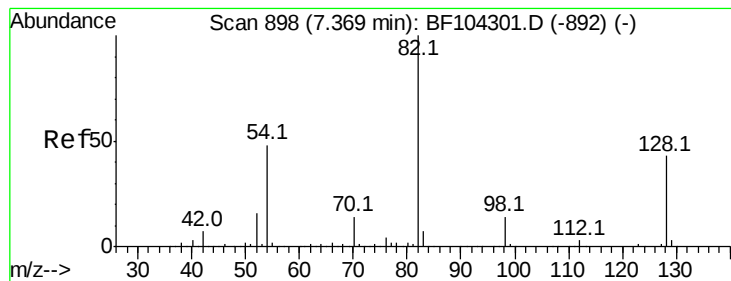
Abundance Ion 105.00 (104.70 to 105.70): E

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: 95.113 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampled :

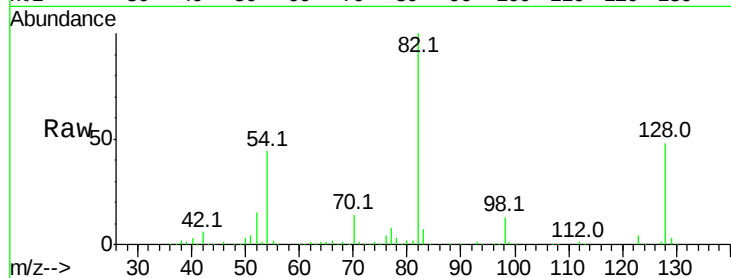
Tot Ion: 82 Resp: 743771

Ion Ratio Lower Upper

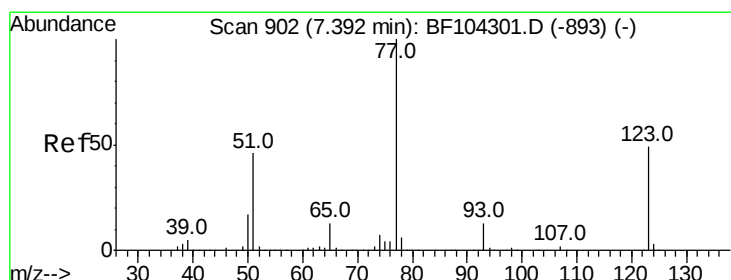
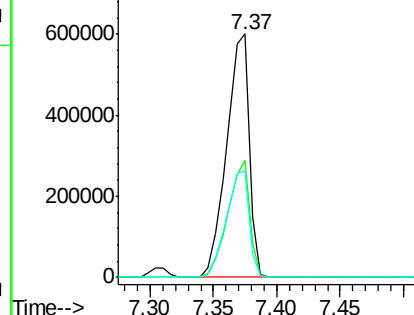
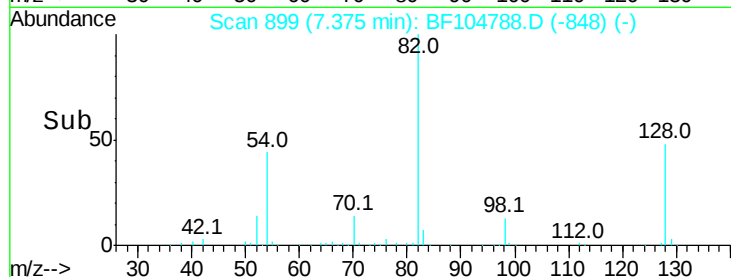
82 100

128 47.8 36.1 54.1

54 43.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.224 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

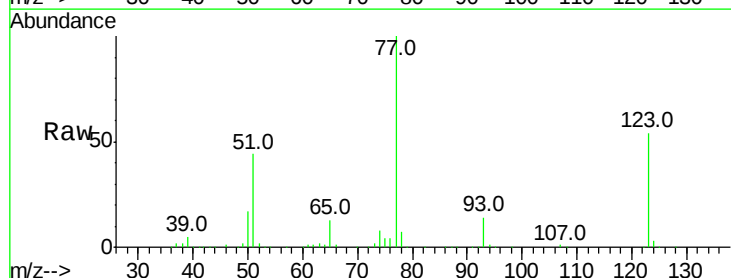
Tgt Ion: 77 Resp: 373182

Ion Ratio Lower Upper

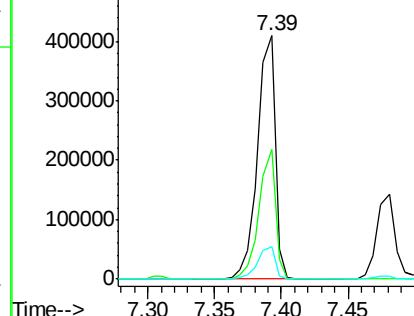
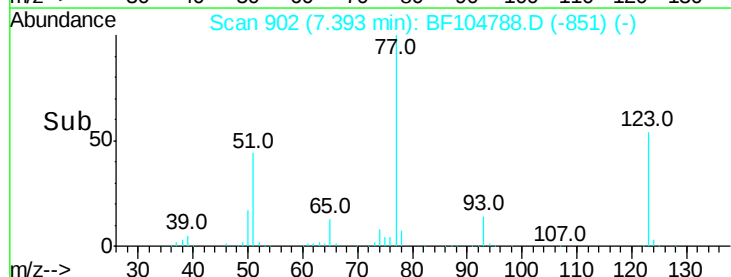
77 100

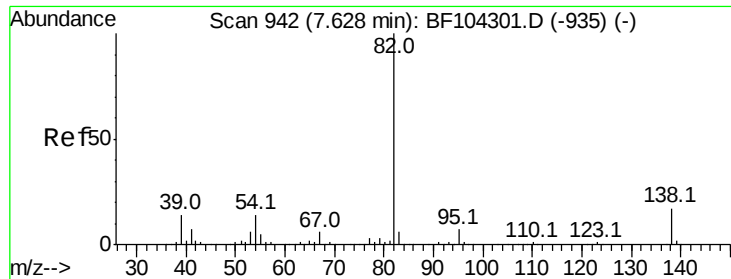
123 53.5 37.9 56.9

65 13.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.983 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

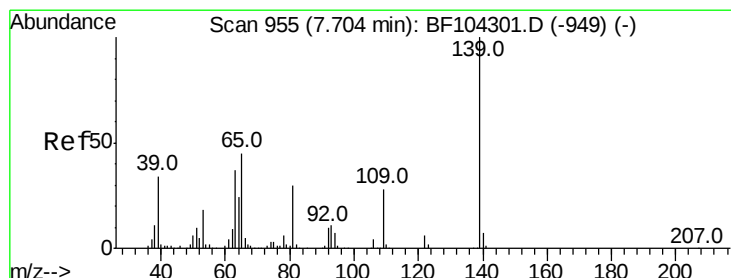
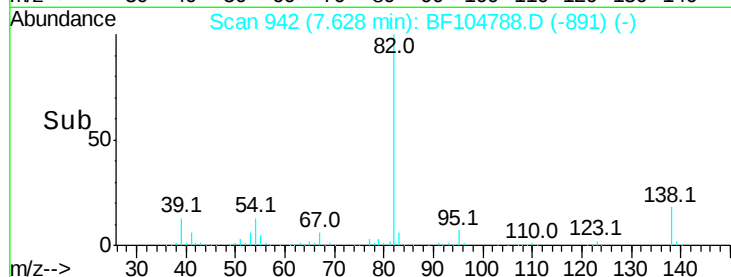
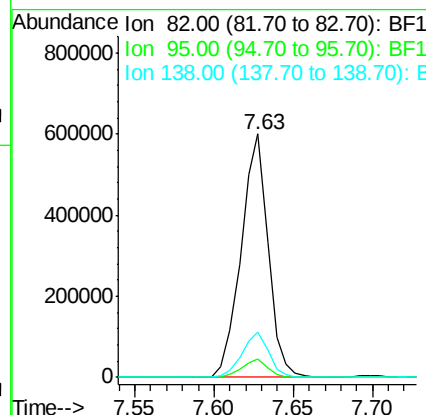
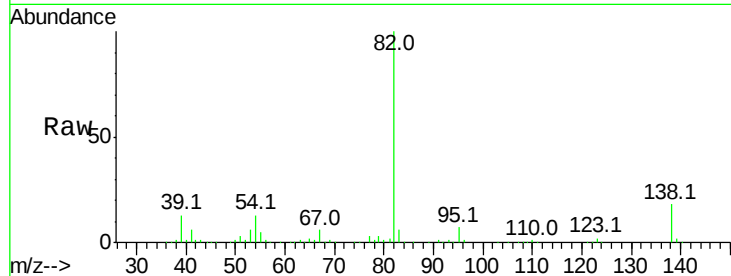
Tot Ion: 82 Resp: 710779

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 56.477 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

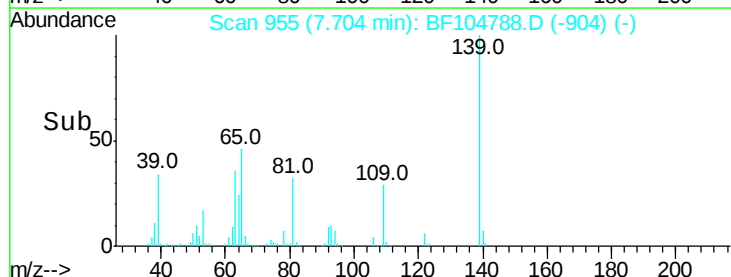
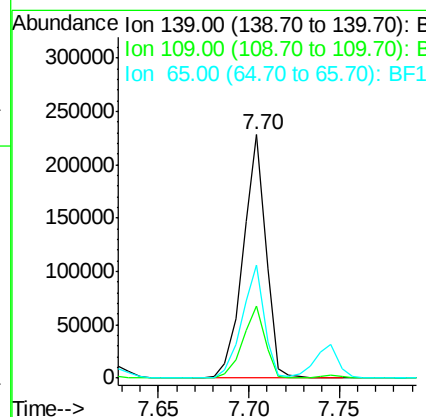
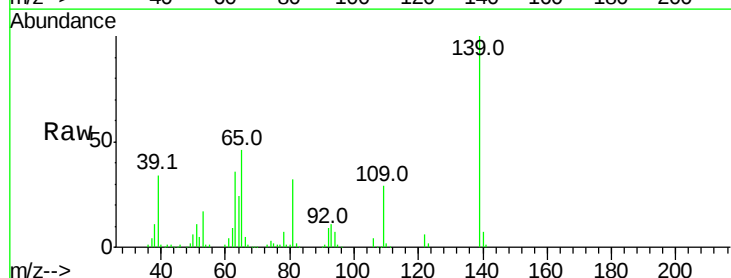
Tgt Ion:139 Resp: 198504

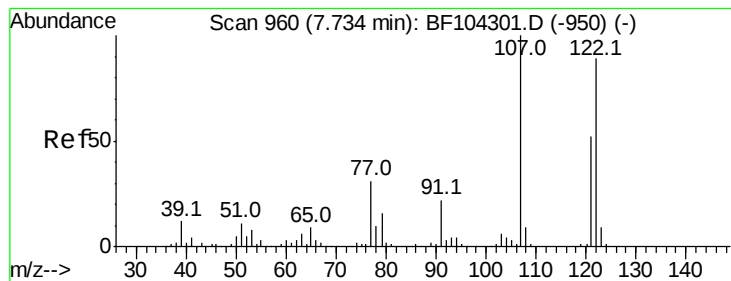
Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

65 46.3 40.5 60.7

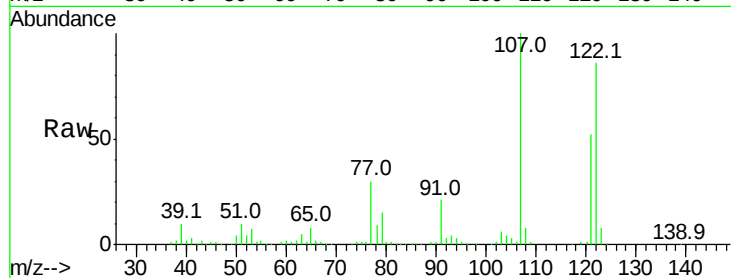




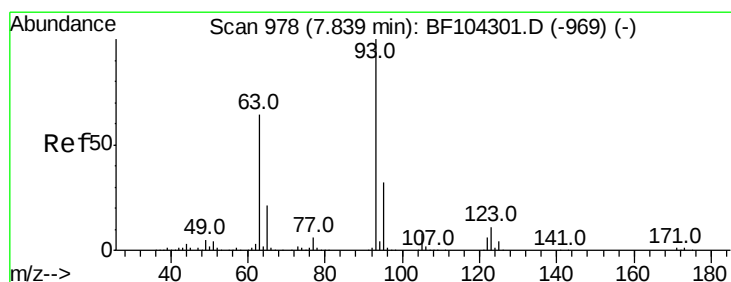
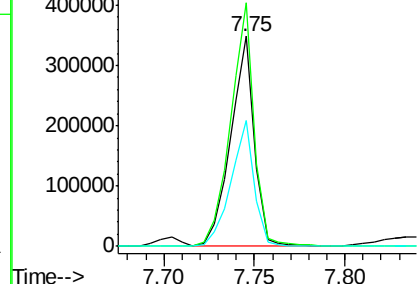
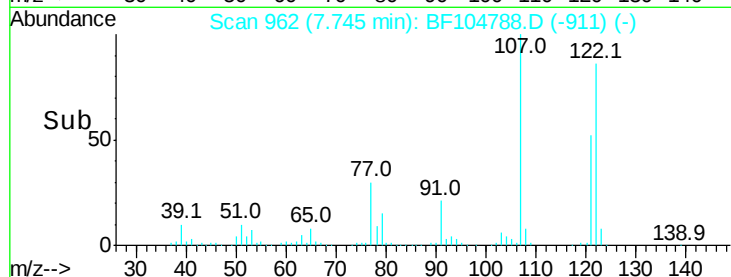
#27
 2,4-Dimethylphenol
 Concen: 42.960 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 313518
 Ion Ratio Lower Upper
 122 100
 107 116.1 91.2 136.8
 121 59.9 47.2 70.8

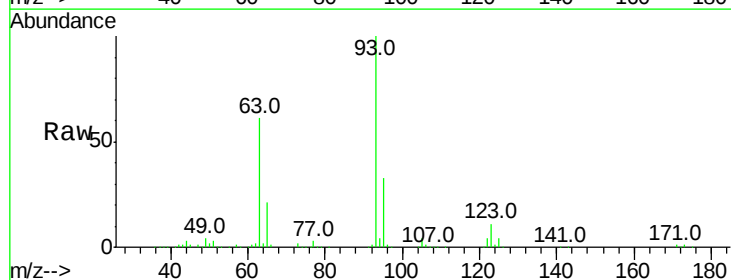


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

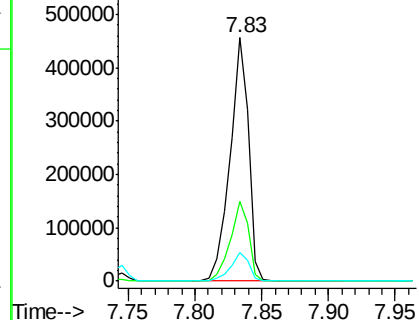
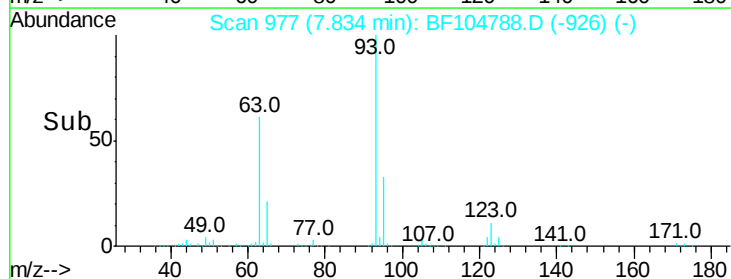


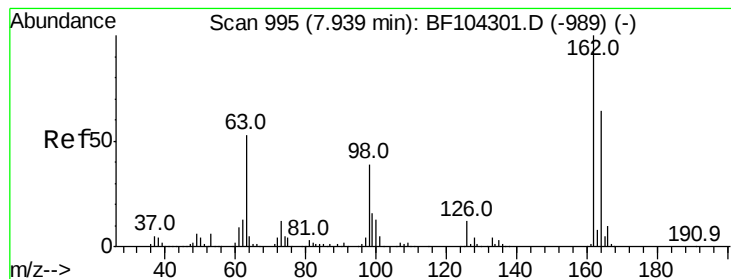
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.477 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion: 93 Resp: 449681
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.5 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 42.460 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

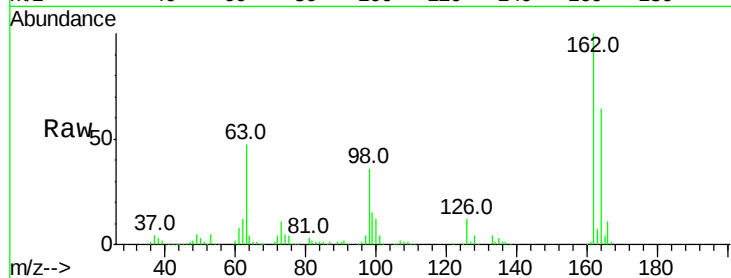
Tot Ion:162 Resp: 295661

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

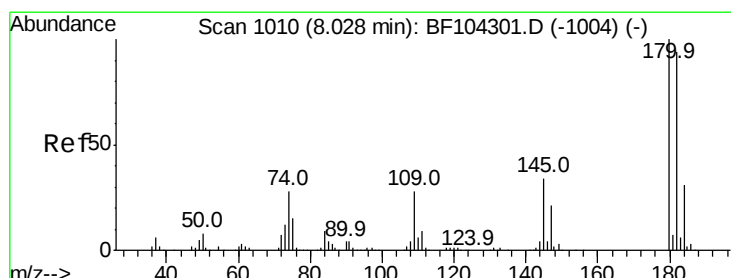
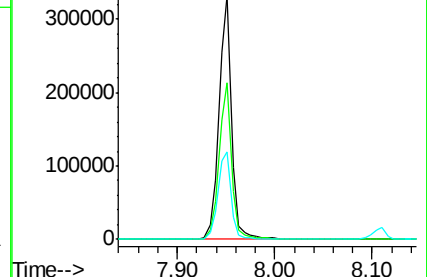
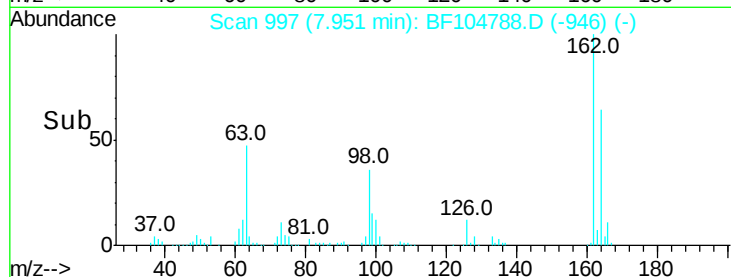
98 35.7 18.1 58.1



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: 39.301 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

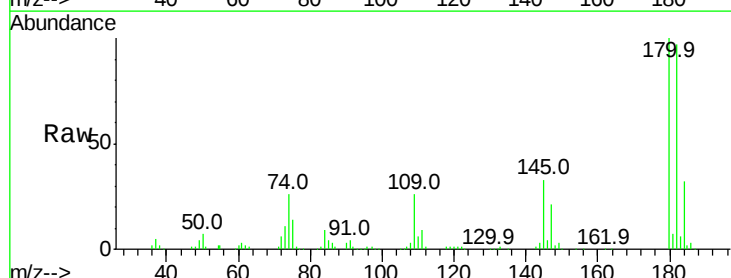
Tgt Ion:180 Resp: 300340

Ion Ratio Lower Upper

180 100

182 96.7 76.8 115.2

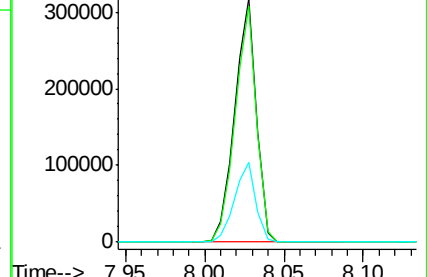
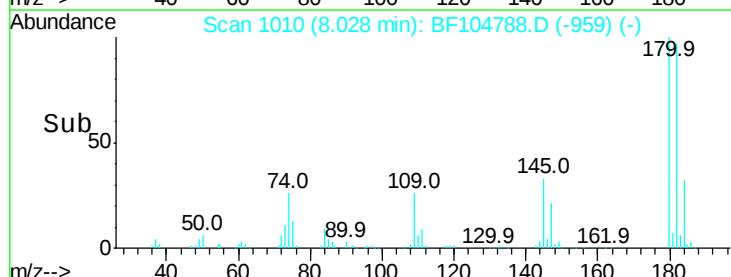
145 32.8 26.5 39.7

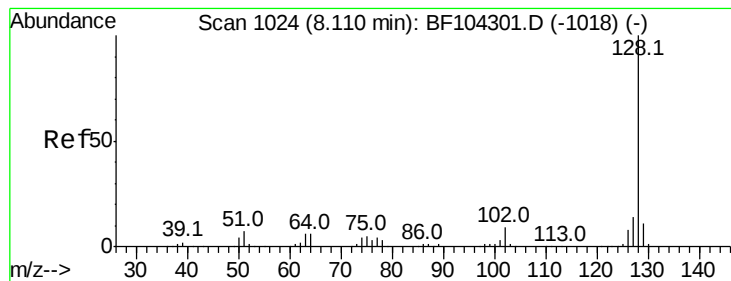


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.765 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampled :

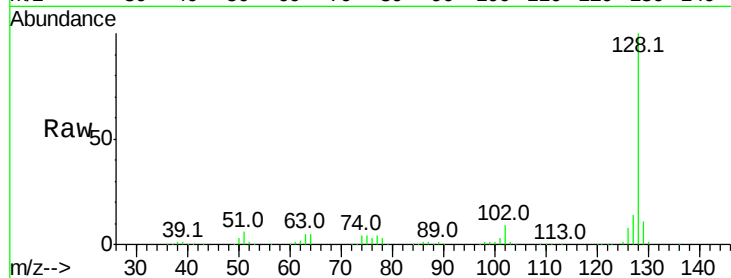
Tot Ion:128 Resp: 1011076

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

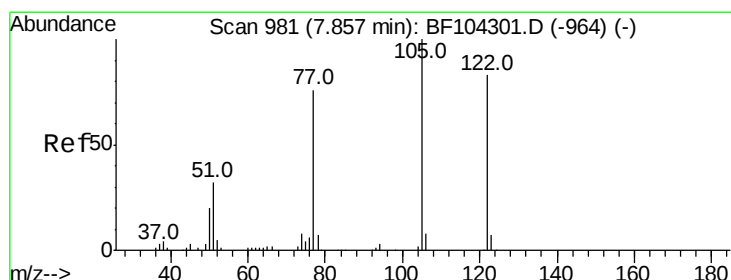
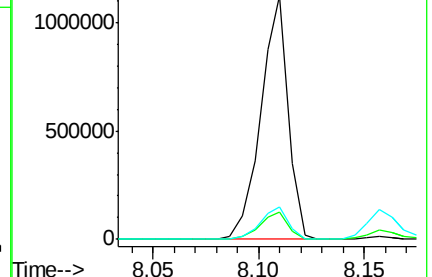
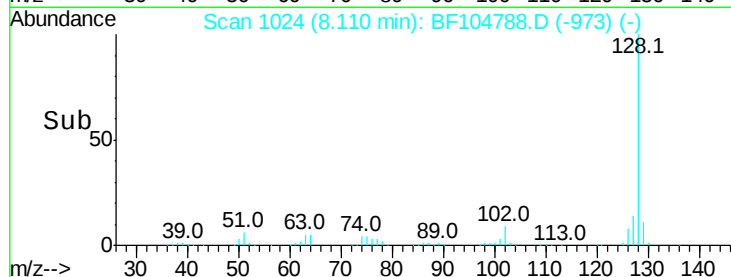
127 13.5 10.9 16.3



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: 4.447 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

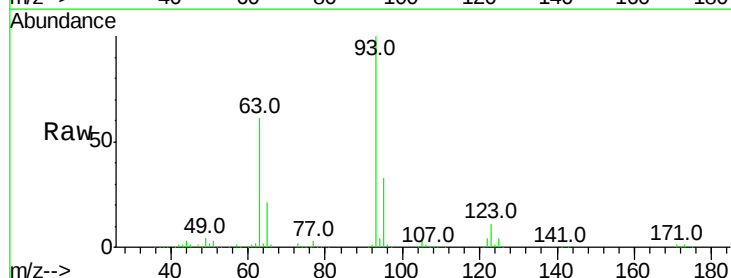
Tgt Ion:122 Resp: 25893

Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

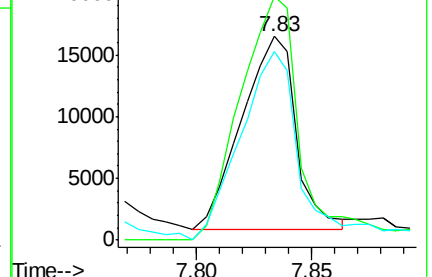
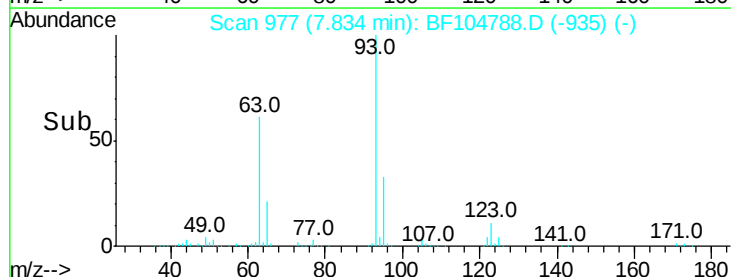
77 92.7 70.7 110.7

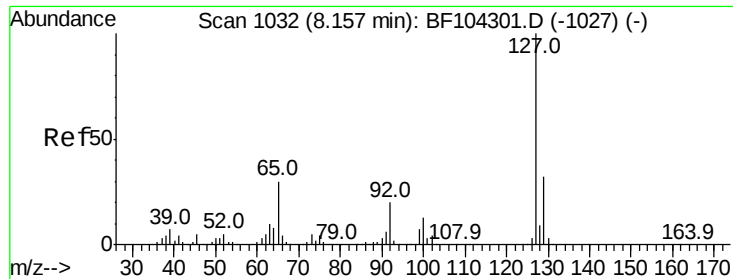


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

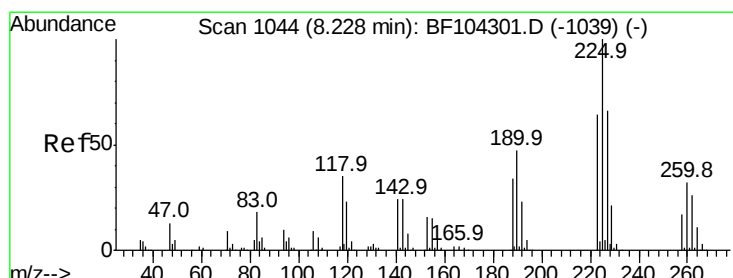
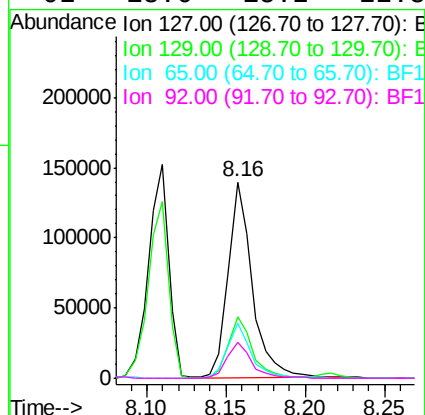
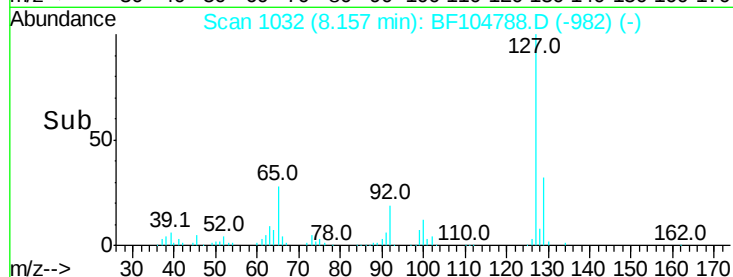
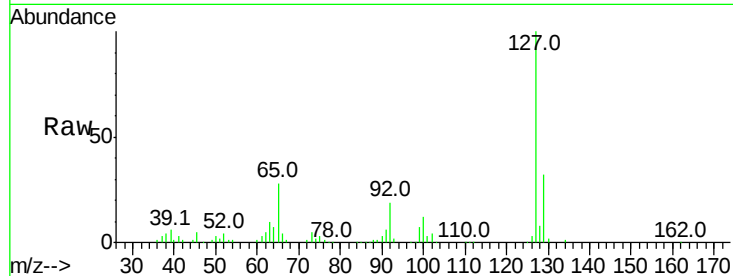




#33
4-Chloroaniline
Concen: 13.605 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

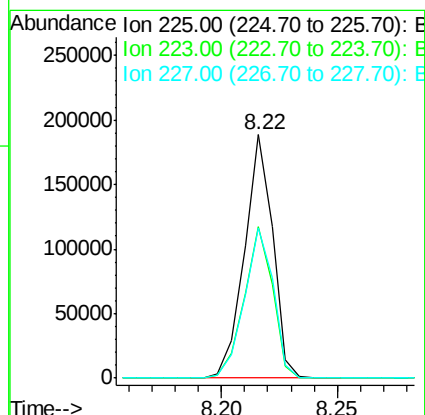
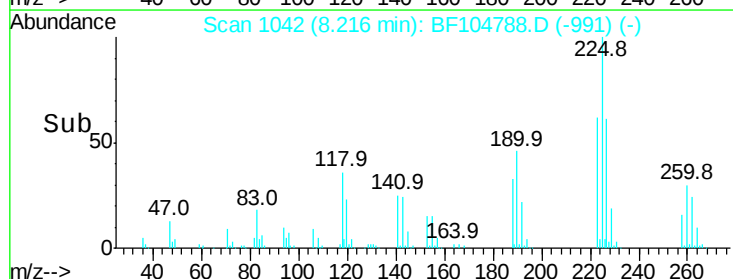
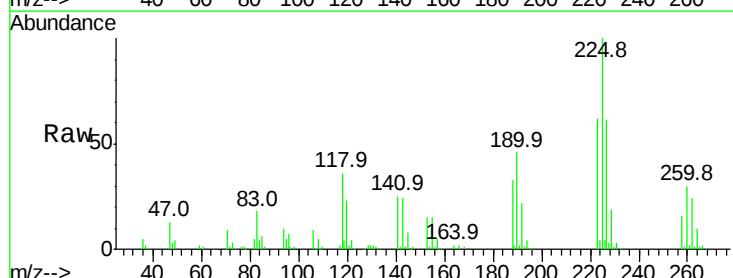
Instrument :
BNA_F
ClientSampleId :

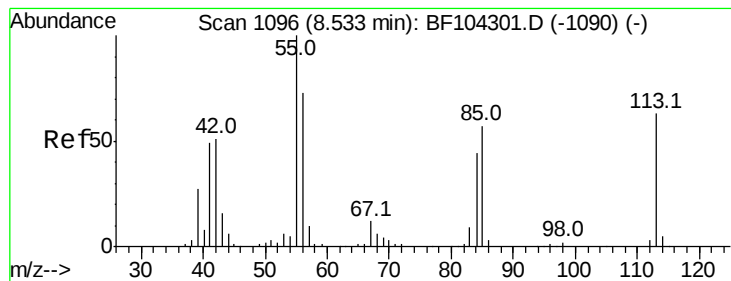
Tot Ion:	127	Resp:	148194
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.1	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.571 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:	225	Resp:	161449
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	61.5	51.9	77.9





#35

Caprolactam

Concen: 4.739 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampled :

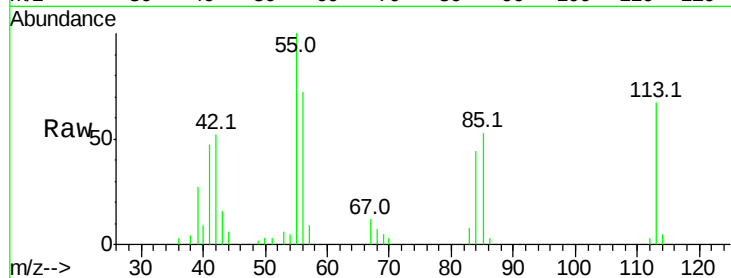
Tot Ion:113 Resp: 11511

Ion Ratio Lower Upper

113 100

55 149.7 163.3 203.3#

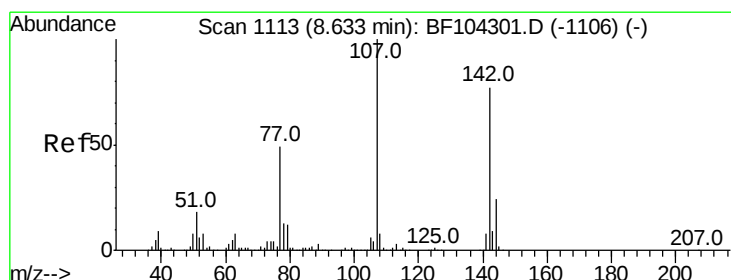
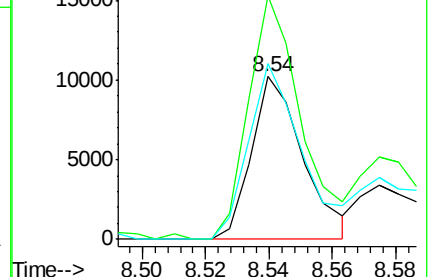
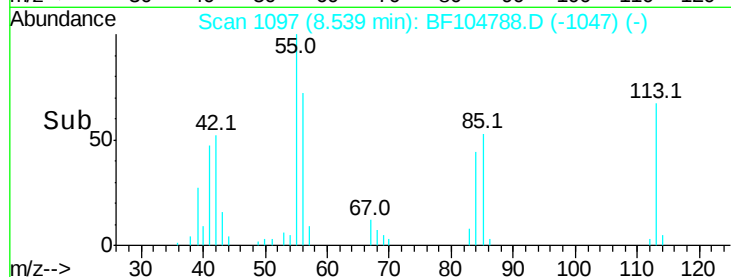
56 108.5 115.7 155.7#



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: 43.996 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

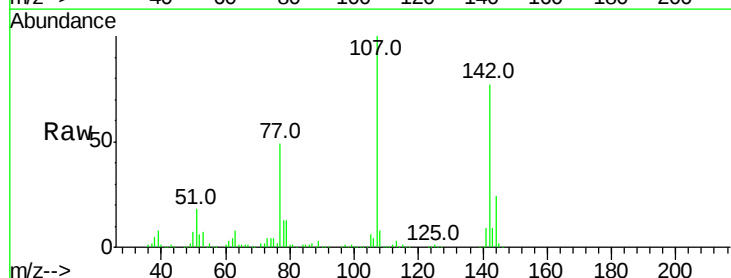
Tgt Ion:107 Resp: 328498

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

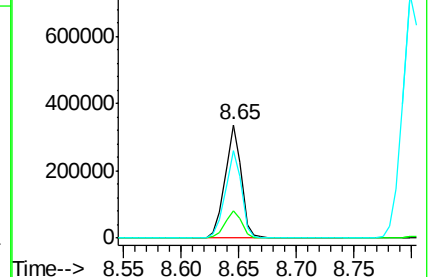
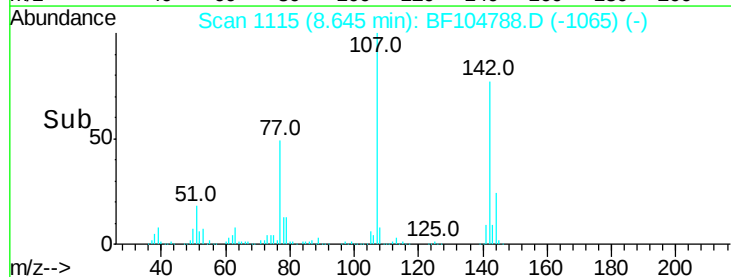
142 76.5 62.0 93.0

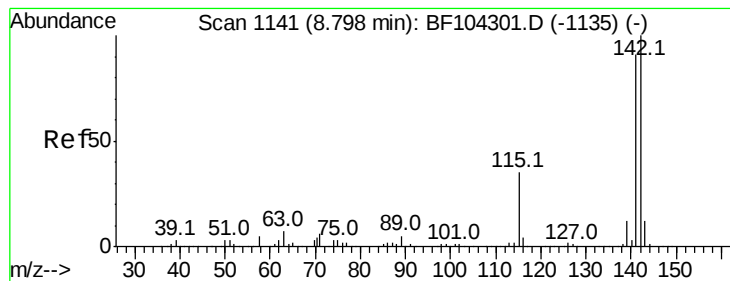


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

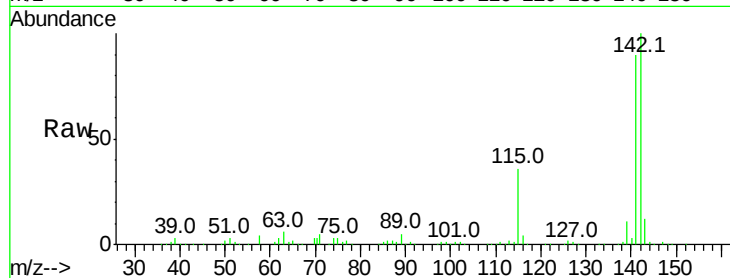




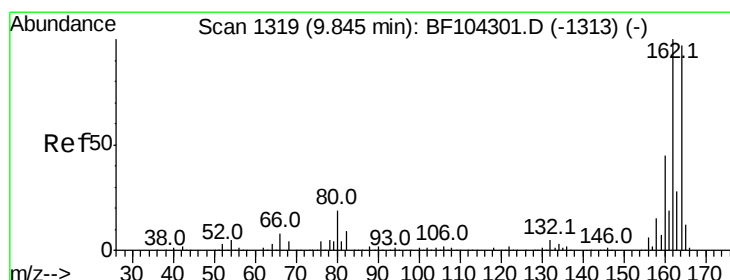
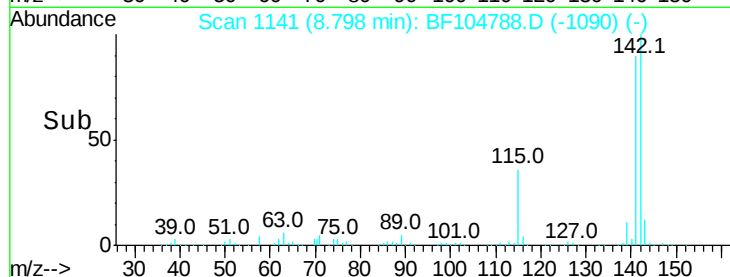
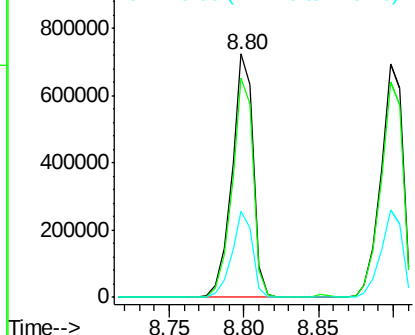
#37
2-Methylnaphthalene
Concen: 43.845 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 721109
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 35.6 26.1 39.1

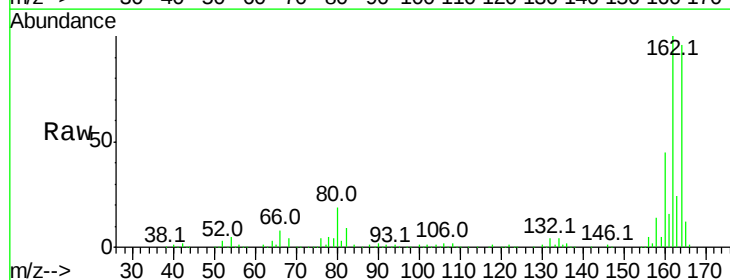


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

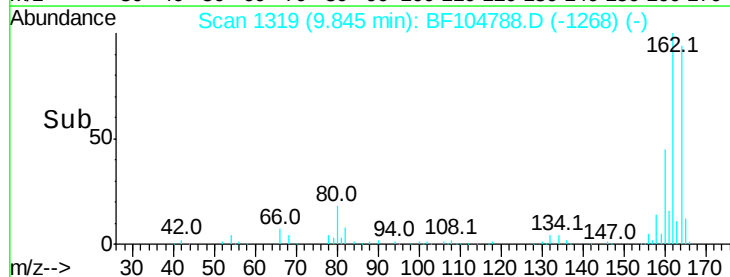
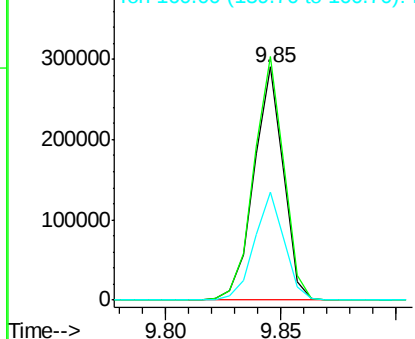


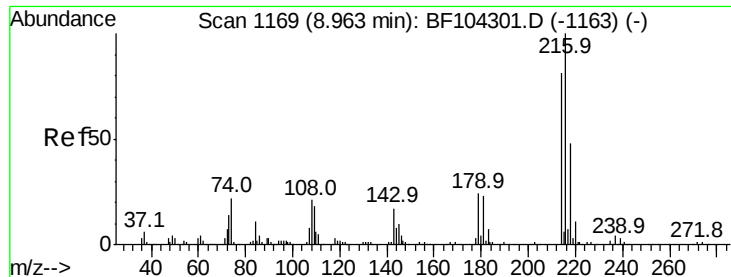
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:164 Resp: 258255
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.5 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

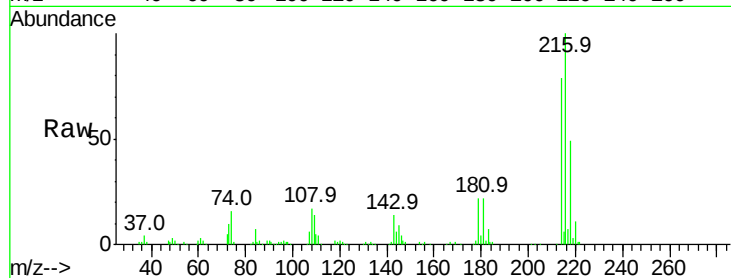




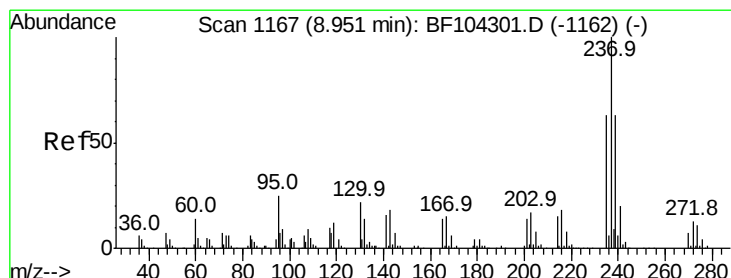
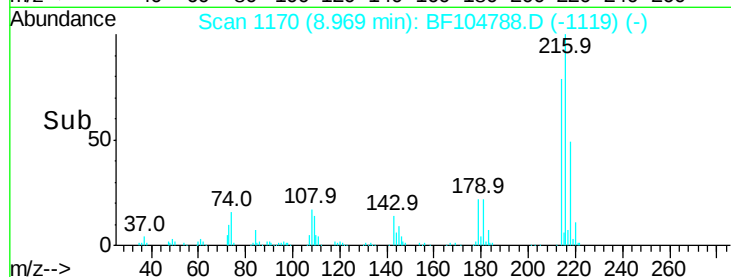
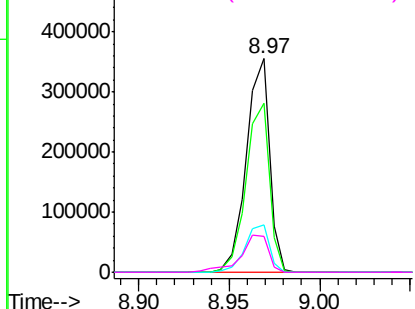
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.803 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	316433
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	23.1	18.1	27.1
108	20.8	17.2	25.8

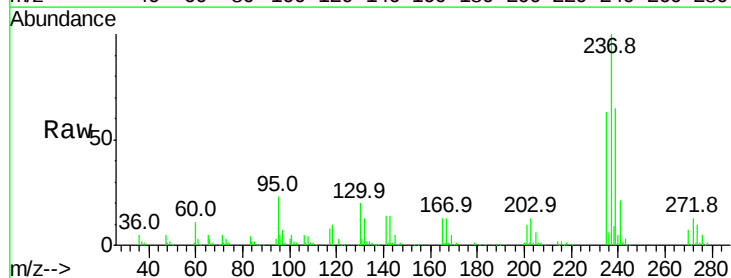


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

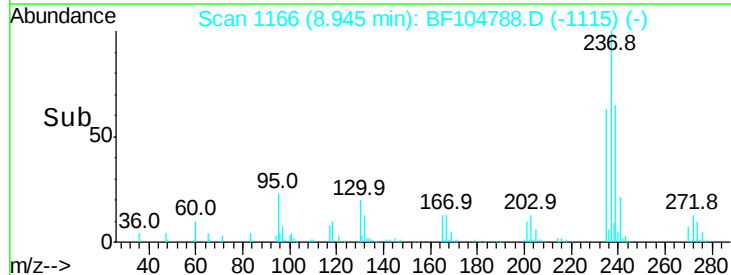
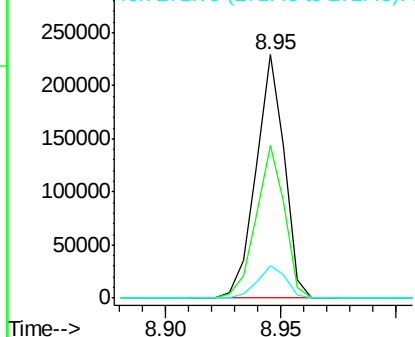


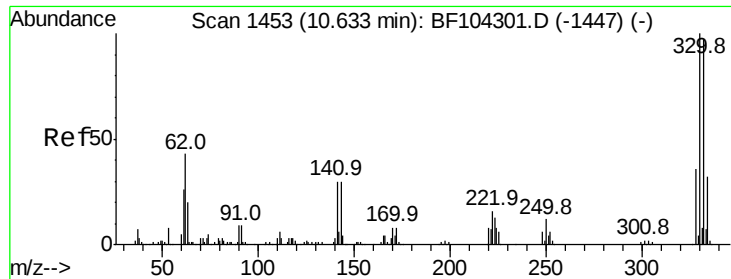
#40
 Hexachlorocyclopentadiene
 Concen: 47.425 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:	237	Resp:	196277
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.5	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

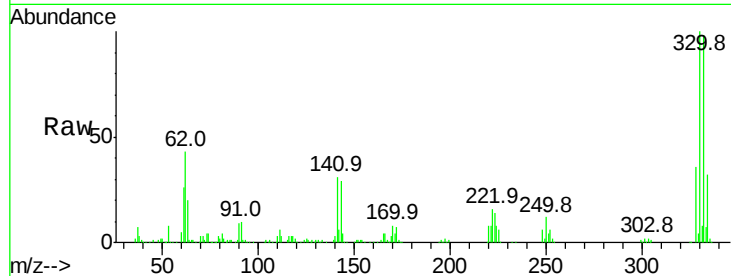




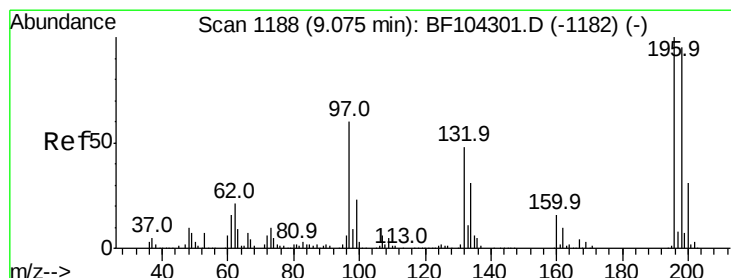
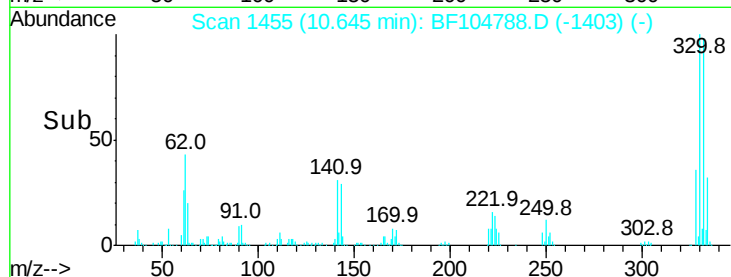
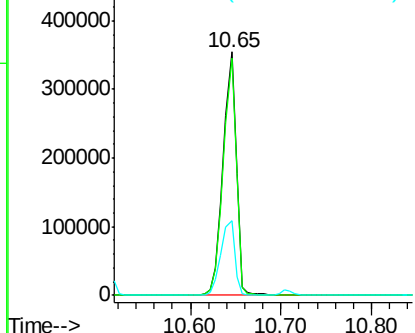
#41
 2,4,6-Tribromophenol
 Concen: 132.770 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.4	29.9	44.9

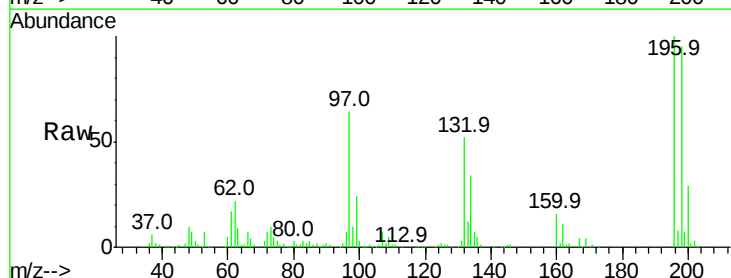


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

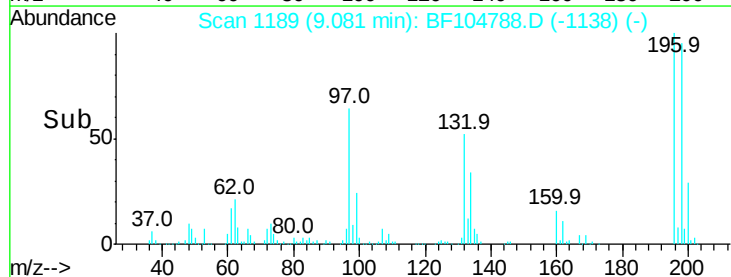
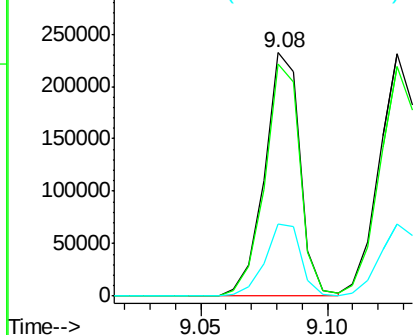


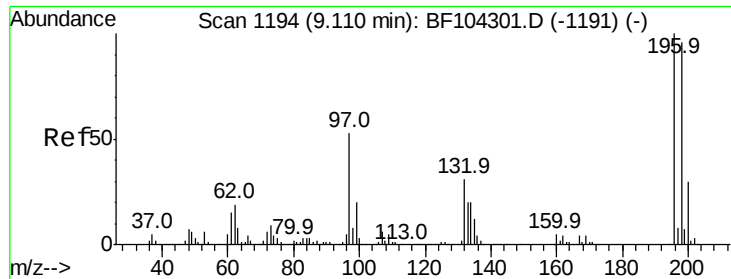
#42
 2,4,6-Trichlorophenol
 Concen: 44.356 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	29.5	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

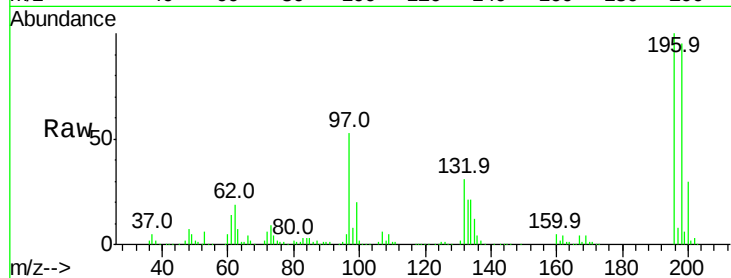




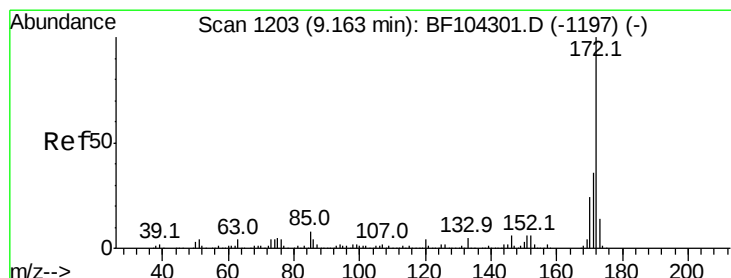
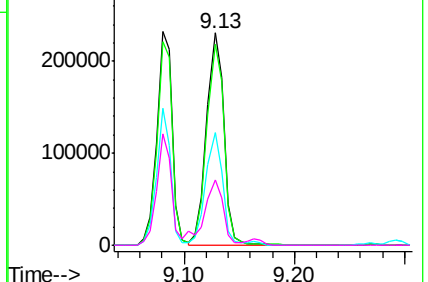
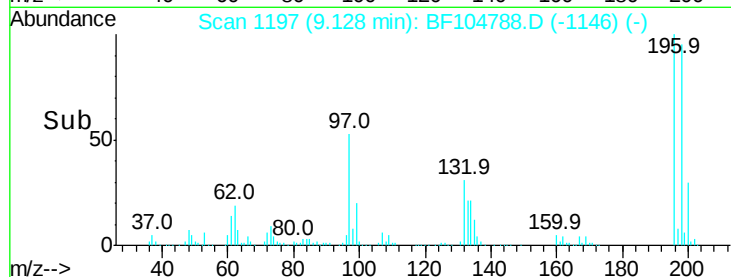
#43
 2,4,5-Trichlorophenol
 Concen: 42.718 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 245322
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.6 112.0
 97 53.0 42.9 64.3
 132 30.8 26.3 39.5

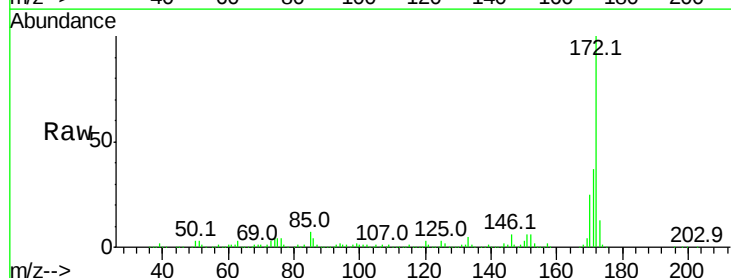


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

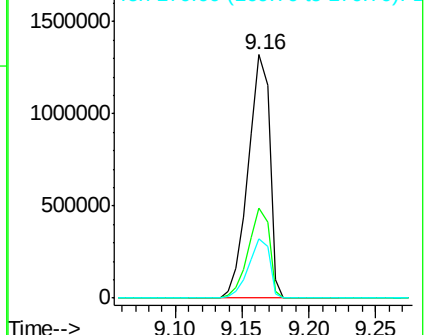
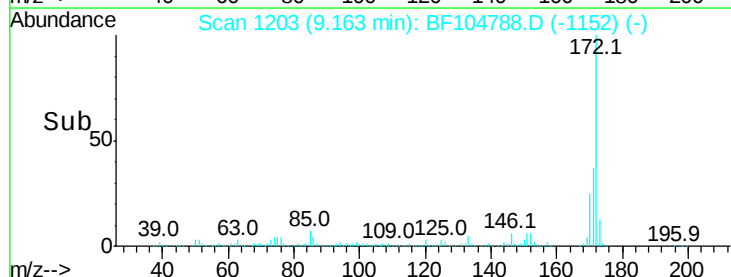


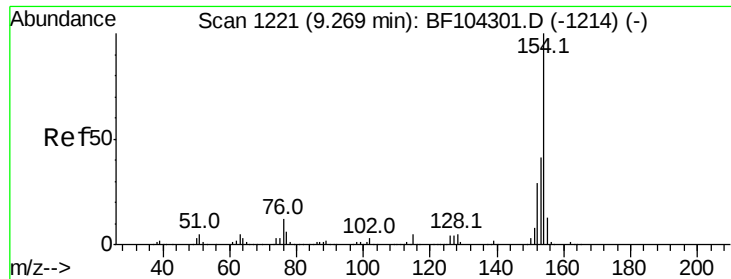
#44
 2-Fluorobiphenyl
 Concen: 88.775 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:172 Resp: 1451284
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.5 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

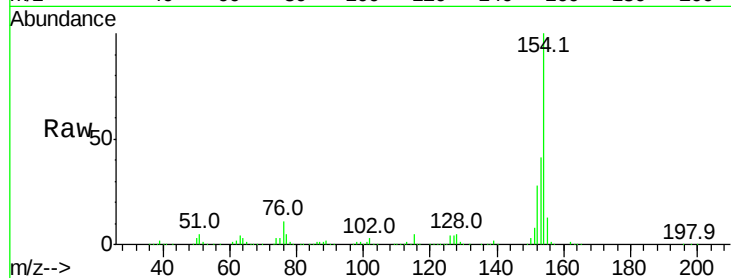




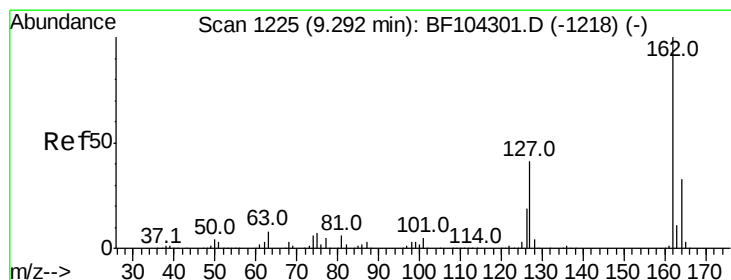
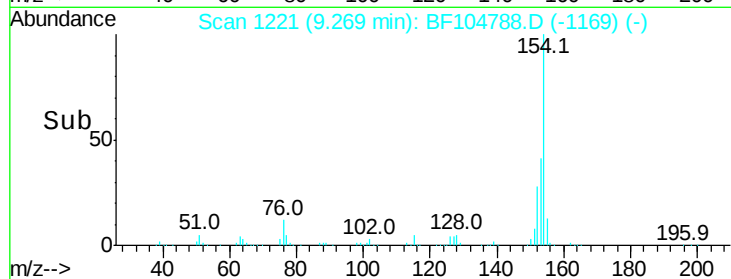
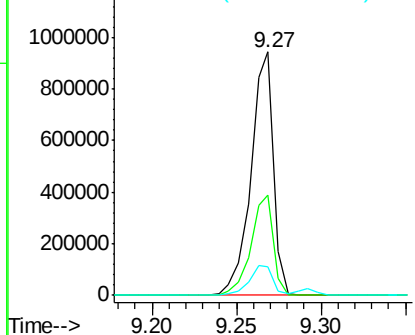
#45
 1,1'-Biphenyl
 Concen: 40.563 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.5	0.0	34.0

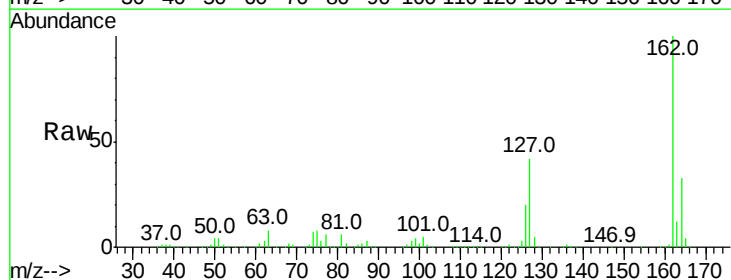


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

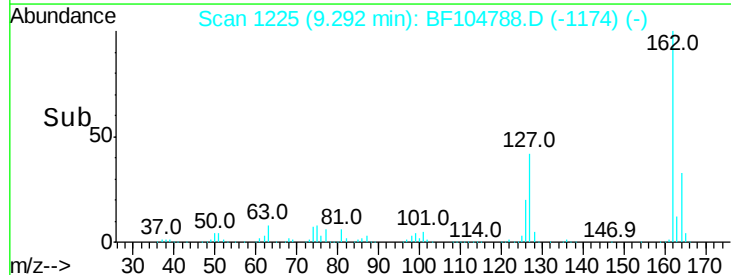
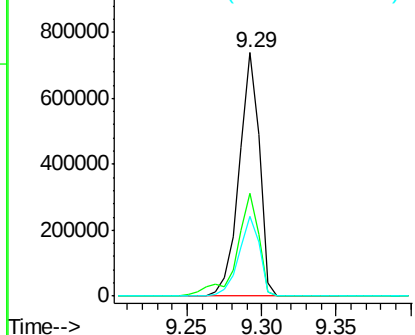


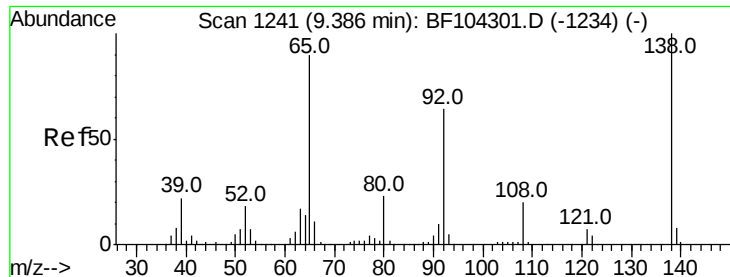
#46
 2-Chloronaphthalene
 Concen: 40.701 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.0	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

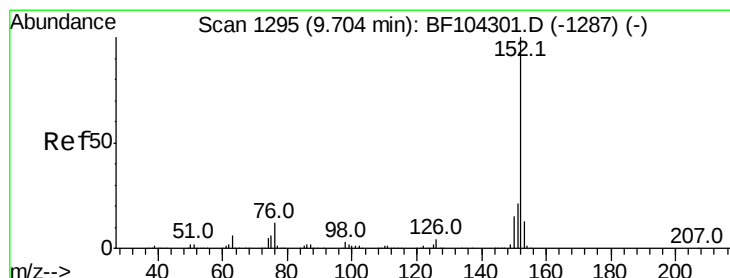
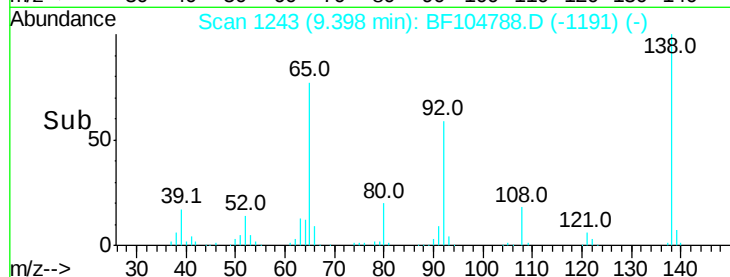
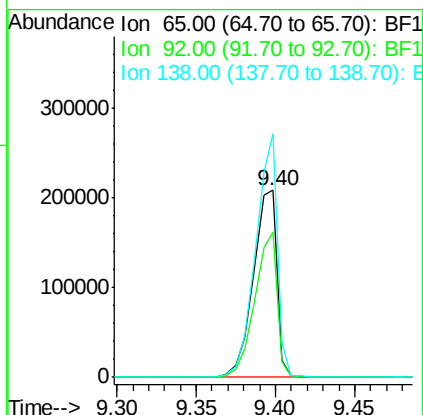
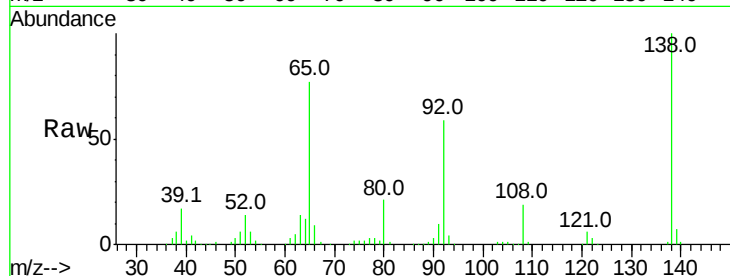




#47
2-Nitroaniline
Concen: 51.029 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

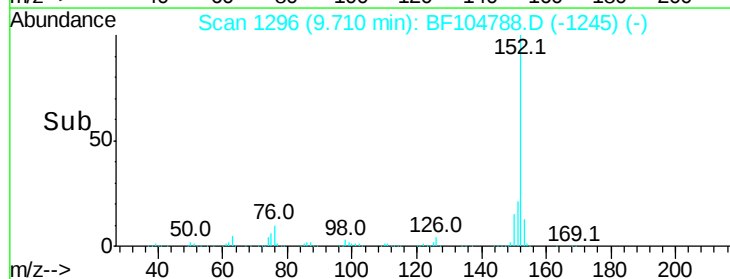
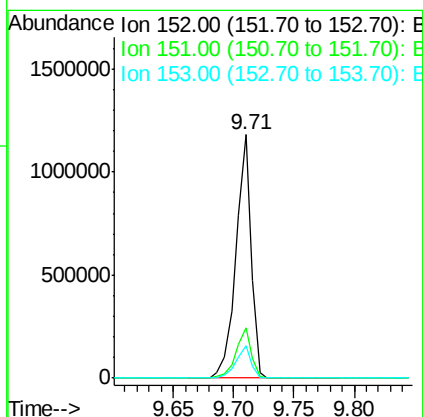
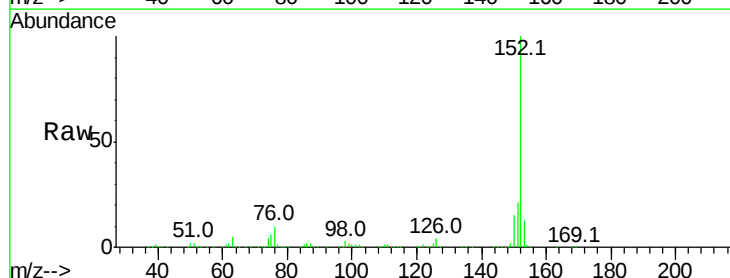
Instrument :
BNA_F
ClientSampleId :

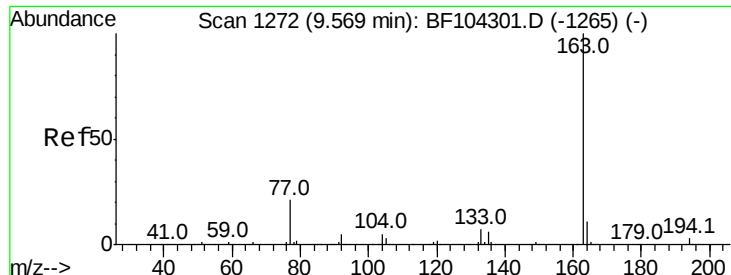
Tot Ion: 65 Resp: 216252
Ion Ratio Lower Upper
65 100
92 77.4 55.8 83.6
138 130.1 91.2 136.8



#48
Acenaphthylene
Concen: 38.510 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:152 Resp: 1035414
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.2 10.7 16.1

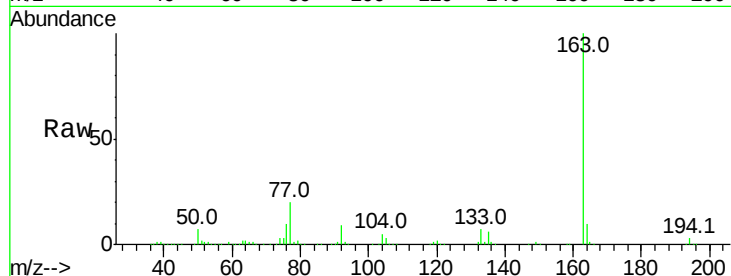




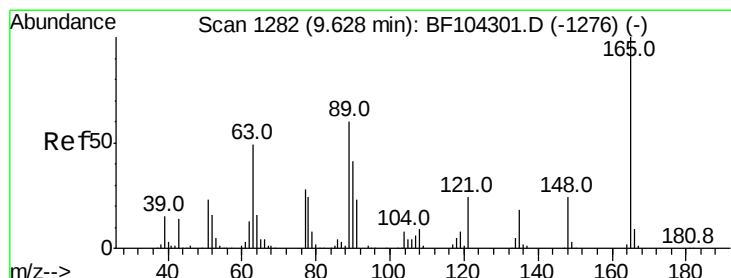
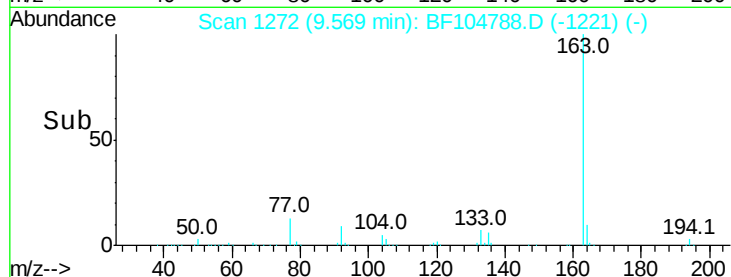
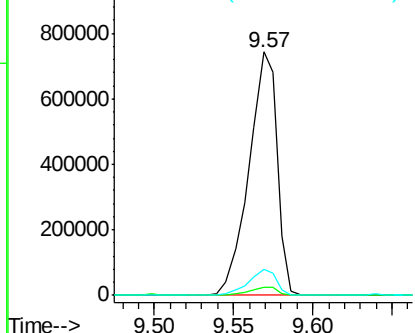
#49
Dimethylphthalate
Concen: 45.318 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 922911
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

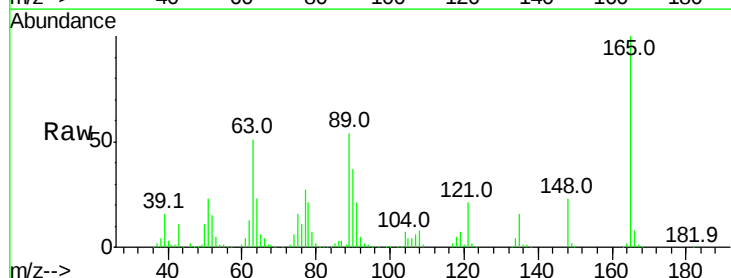


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

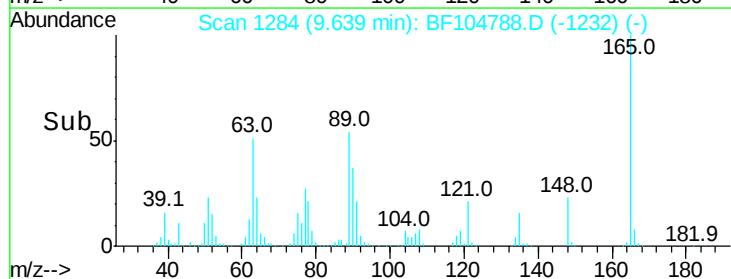
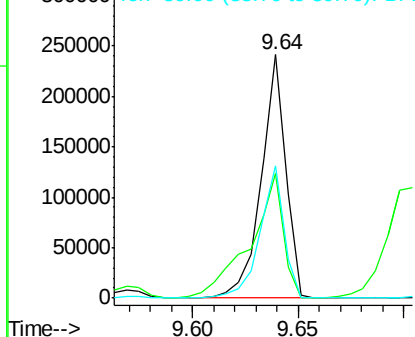


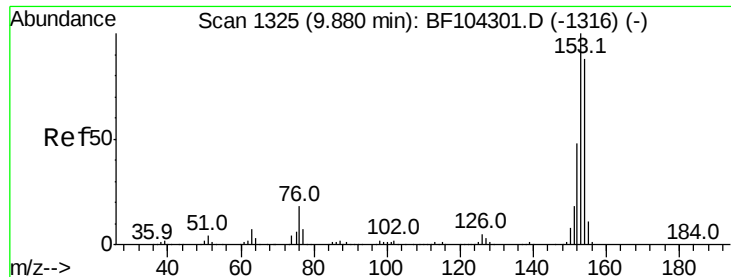
#50
2,6-Dinitrotoluene
Concen: 51.879 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:165 Resp: 195502
Ion Ratio Lower Upper
165 100
63 51.3 44.7 67.1
89 54.5 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: 37.881 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampled :

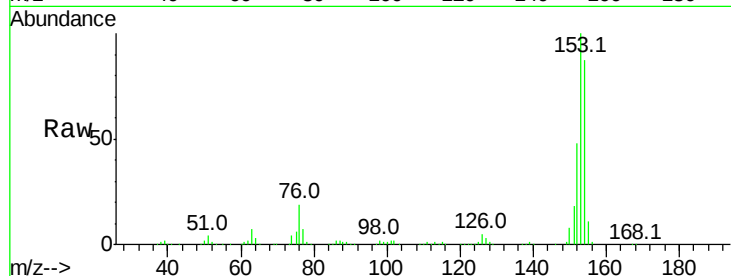
Tot Ion:154 Resp: 621420

Ion Ratio Lower Upper

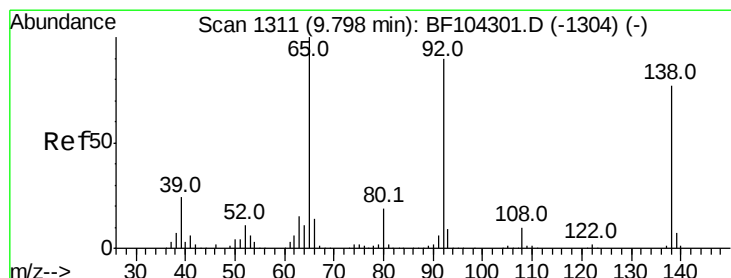
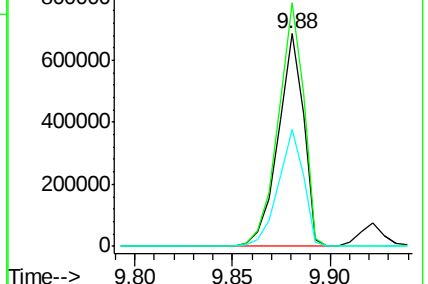
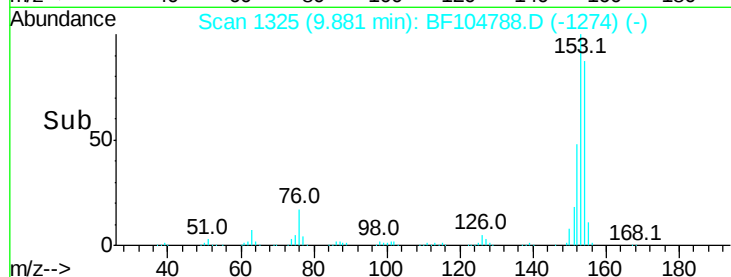
154 100

153 114.6 91.2 136.8

152 55.1 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: 21.791 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

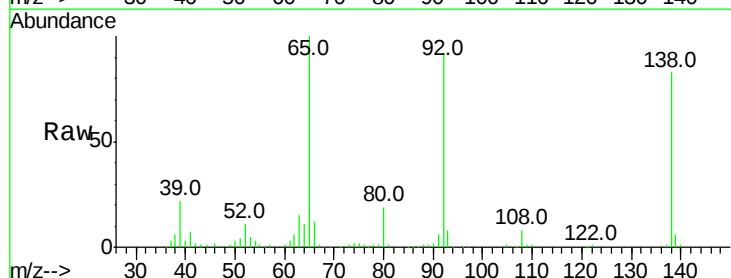
Tgt Ion:138 Resp: 96134

Ion Ratio Lower Upper

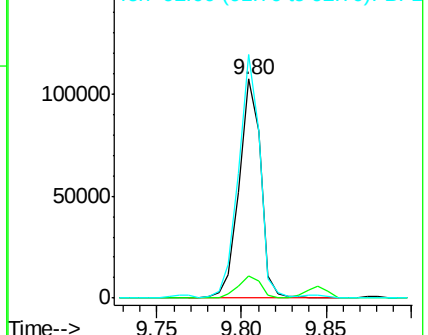
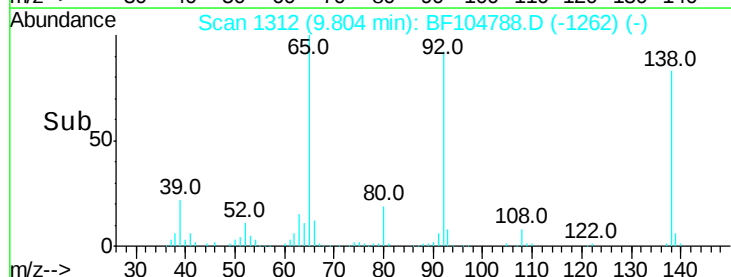
138 100

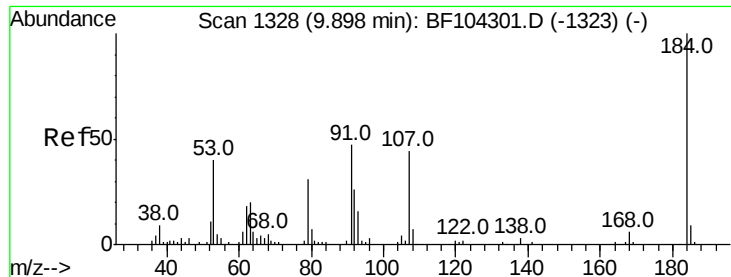
108 10.1 9.4 14.0

92 111.2 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

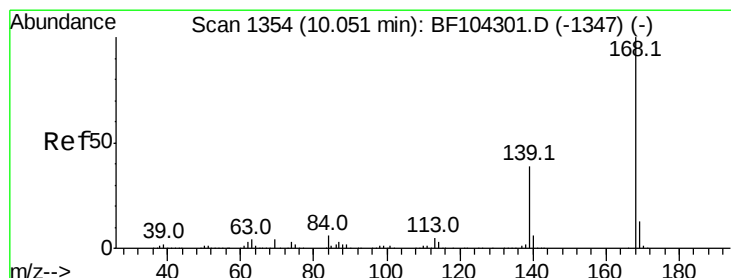
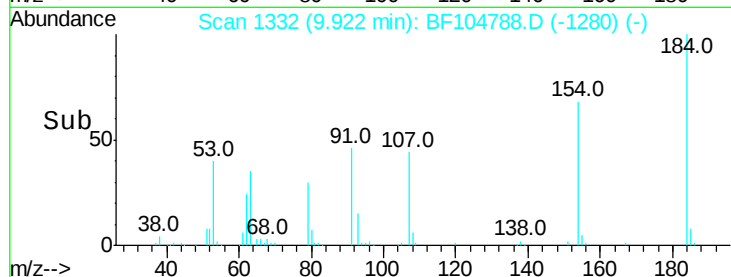
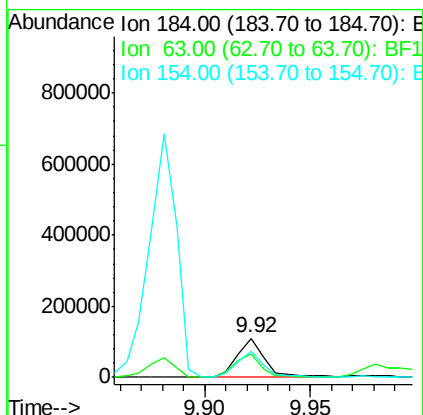
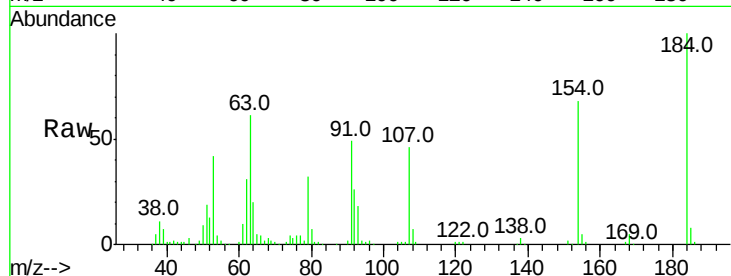




#53
 2,4-Dinitrophenol
 Concen: 68.279 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

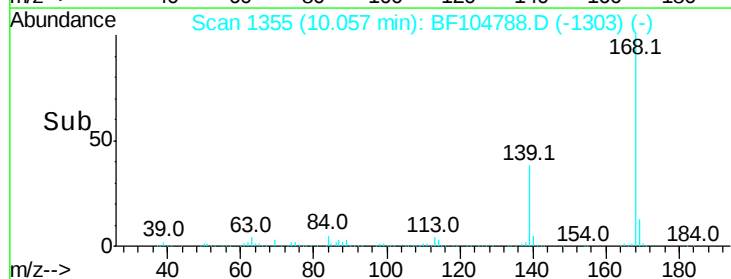
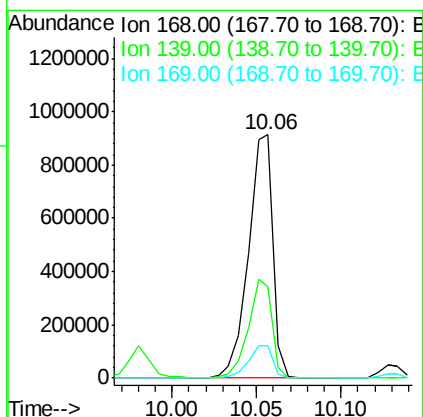
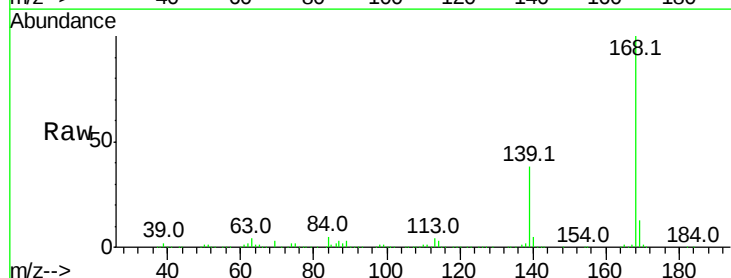
Instrument :
 BNA_F
 ClientSampled :

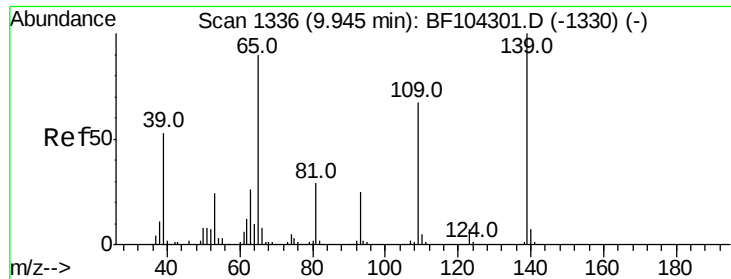
Tot Ion:184 Resp: 98820
 Ion Ratio Lower Upper
 184 100
 63 61.5 54.2 81.2
 154 68.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.468 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:168 Resp: 925143
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 13.2 10.9 16.3

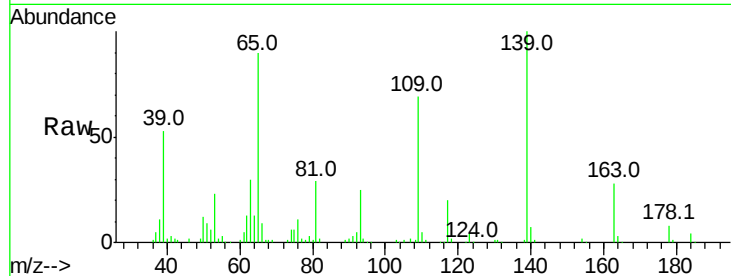




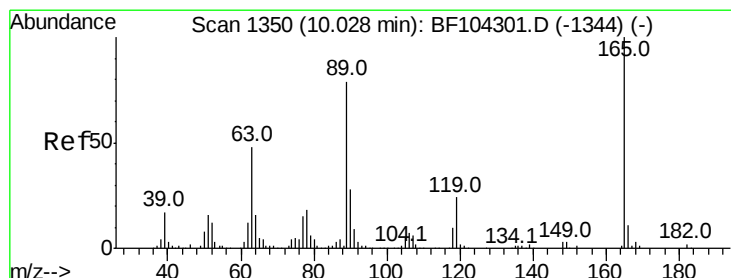
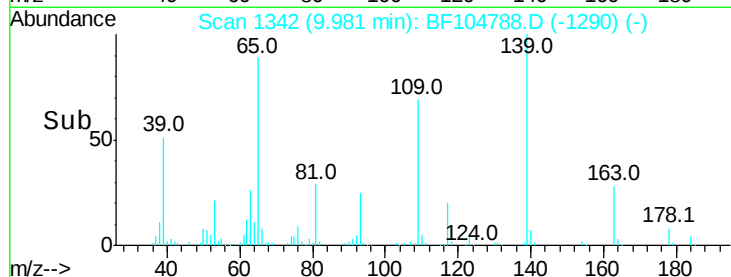
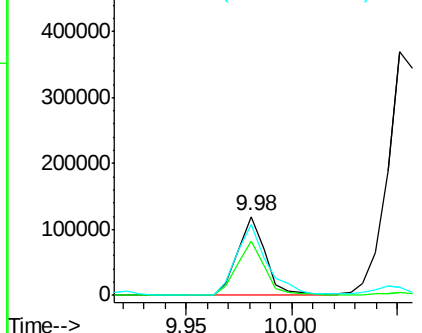
#55
4-Nitrophenol
Concen: 31.839 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 110337
Ion Ratio Lower Upper
139 100
109 69.3 48.4 88.4
65 89.6 72.6 112.6



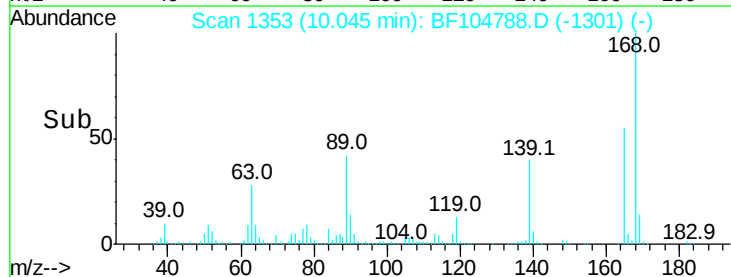
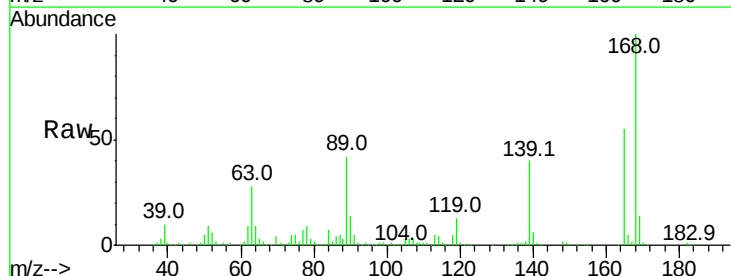
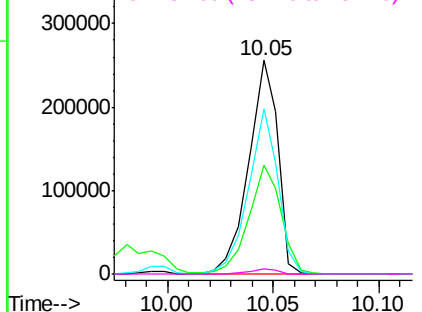
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

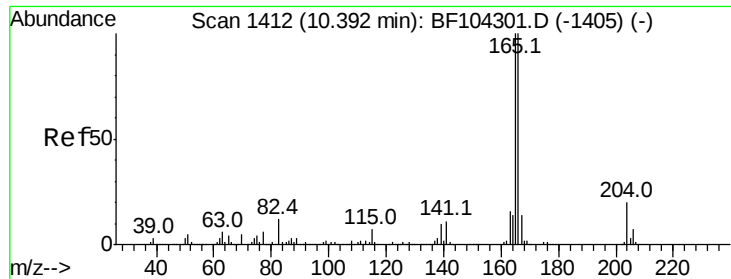


#56
2,4-Dinitrotoluene
Concen: 49.594 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:165 Resp: 245145
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 77.2 57.8 86.6
182 2.2 1.6 2.4

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

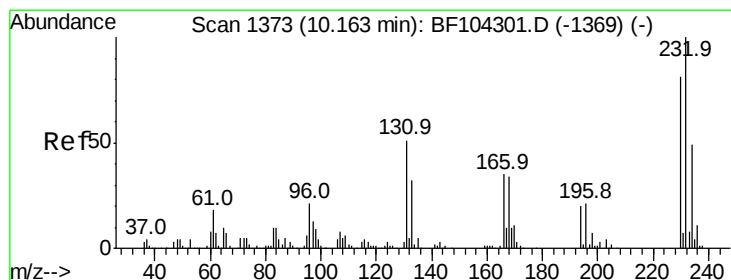
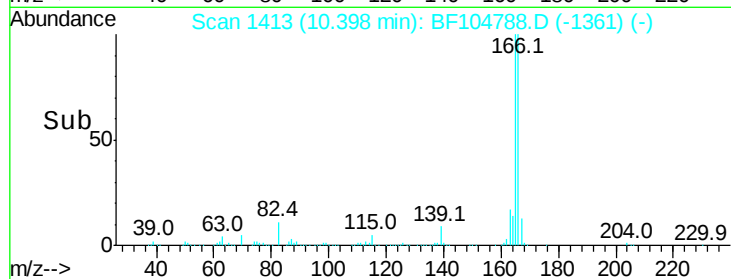
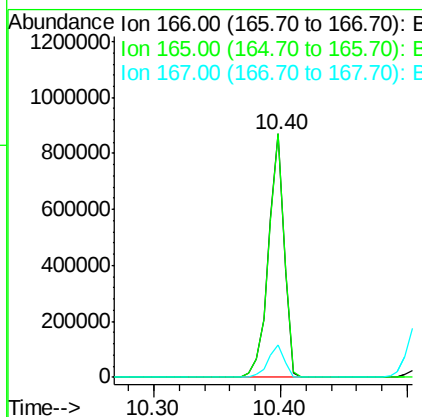
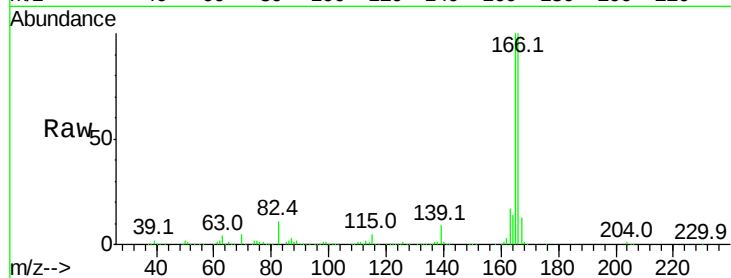




#57
 Fluorene
 Concen: 45.258 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

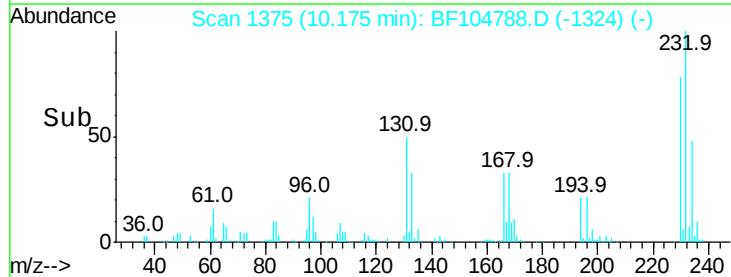
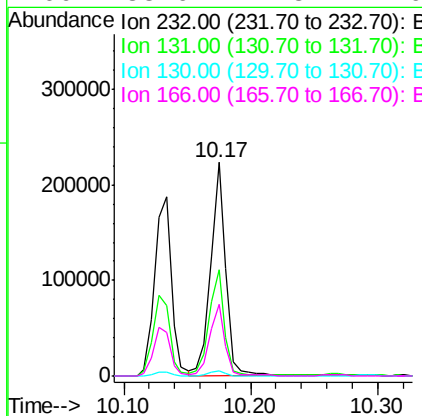
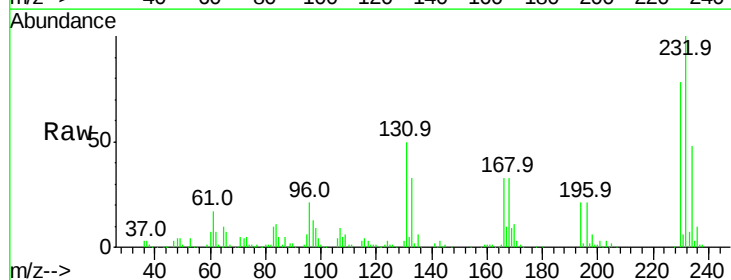
Instrument :
 BNA_F
 ClientSampleID :

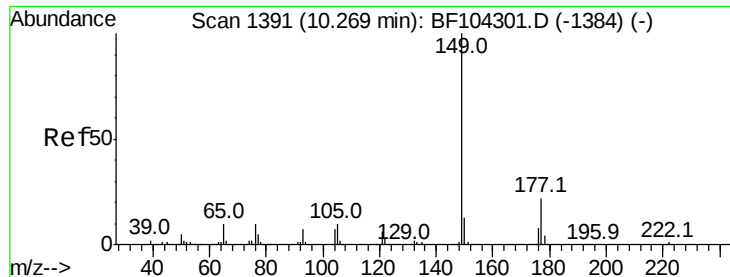
Tot Ion:166 Resp: 753103
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.073 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:232 Resp: 188824
 Ion Ratio Lower Upper
 232 100
 131 49.3 43.8 65.8
 130 2.5 2.1 3.1
 166 33.6 27.8 41.6

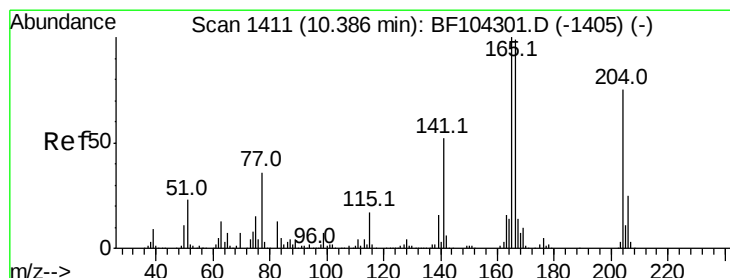
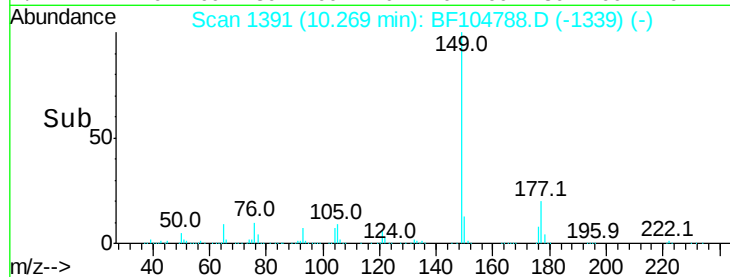
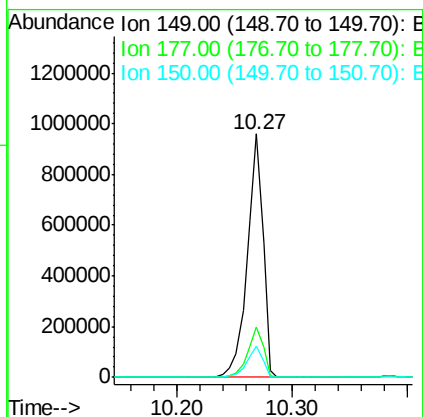
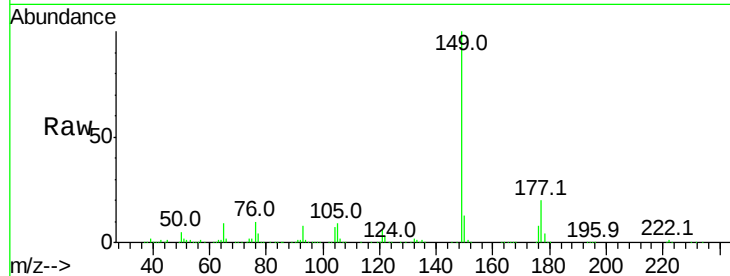




#59
Diethylphthalate
Concen: 44.324 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

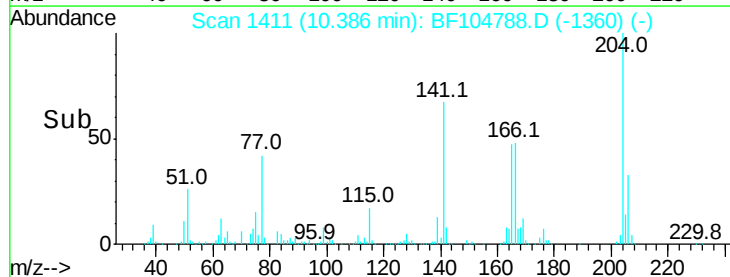
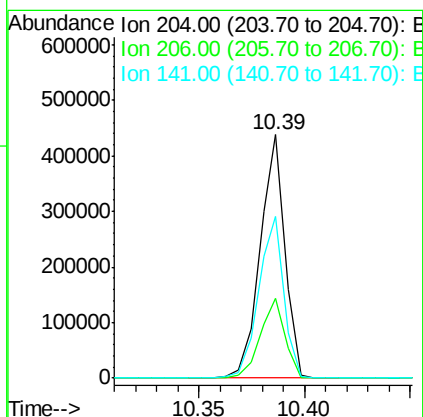
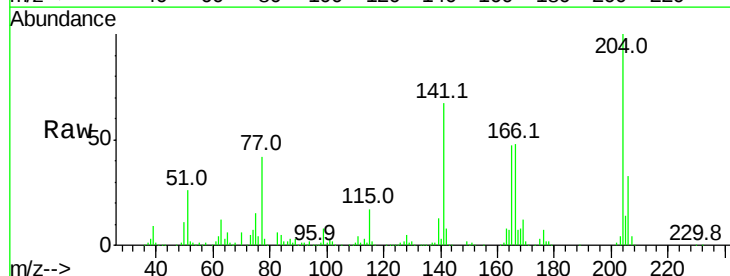
Instrument :
BNA_F
ClientSampleId :

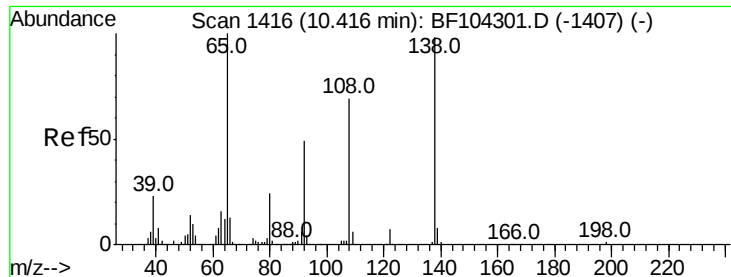
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.7	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.034 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	66.6	54.6	81.8

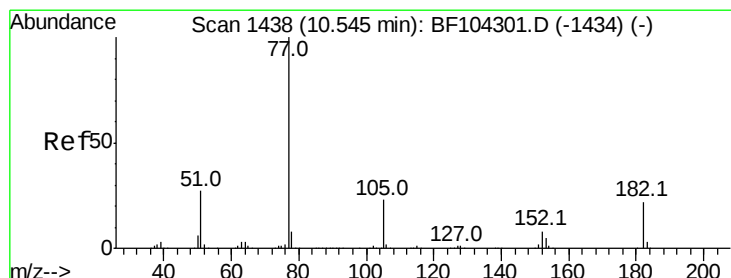
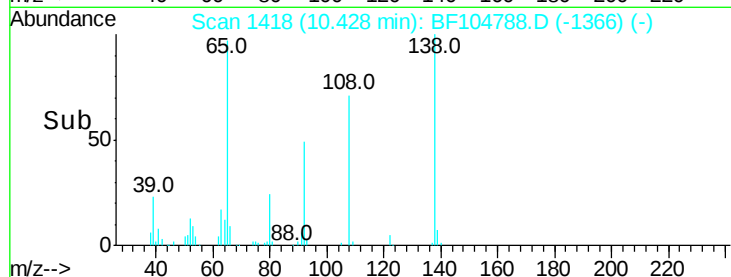
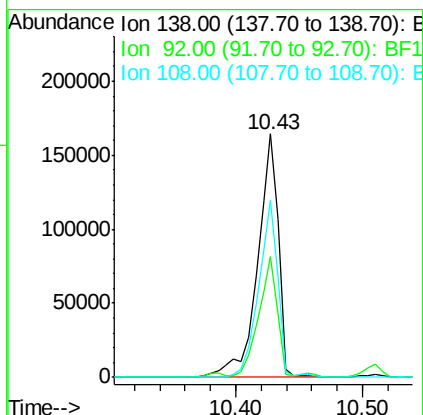
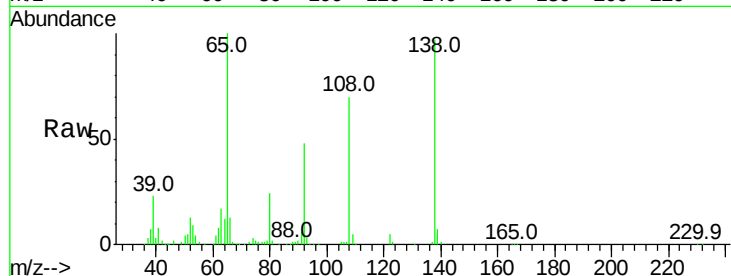




#61
4-Nitroaniline
Concen: 44.001 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

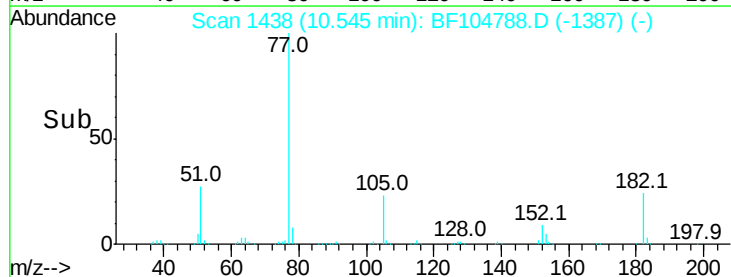
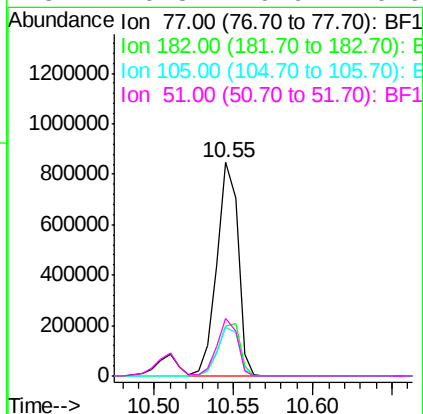
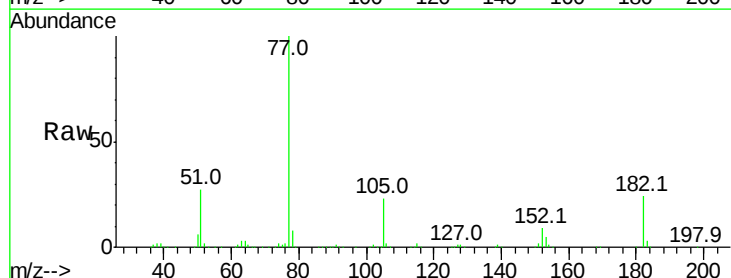
Instrument :
BNA_F
ClientSampleId :

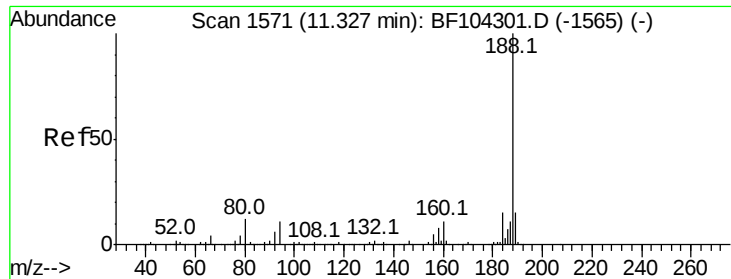
Tot Ion:138 Resp: 189803
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 72.7 52.5 92.5



#62
Azobenzene
Concen: 40.615 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion: 77 Resp: 787017
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 22.9 3.0 43.0
51 26.8 9.9 49.9

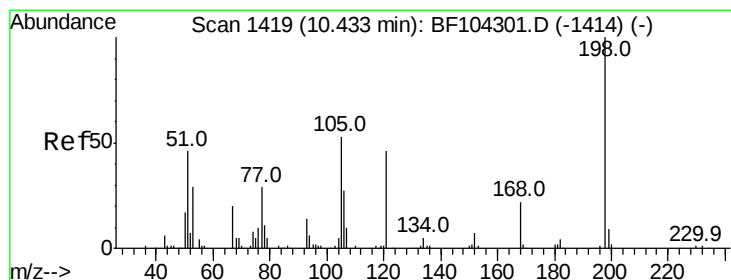
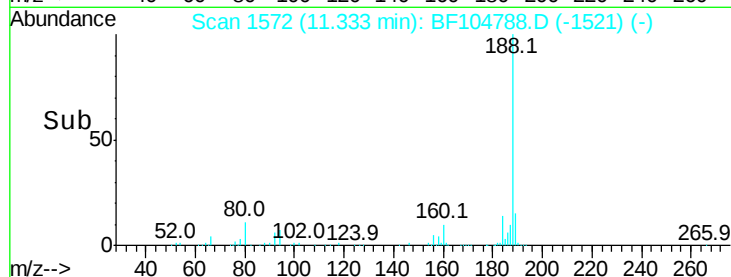
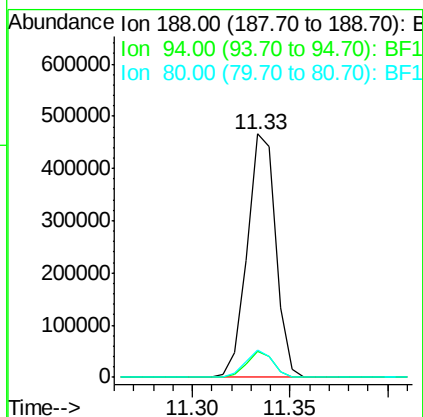
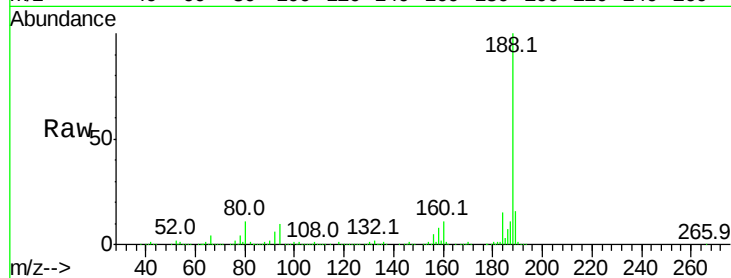




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

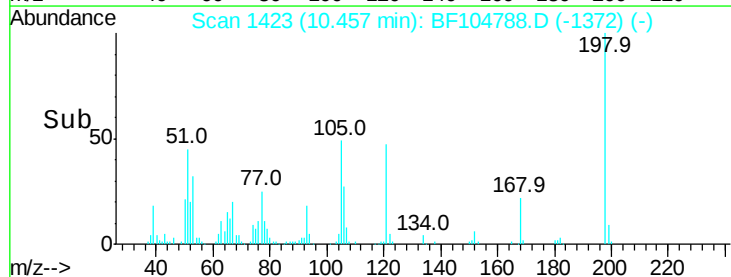
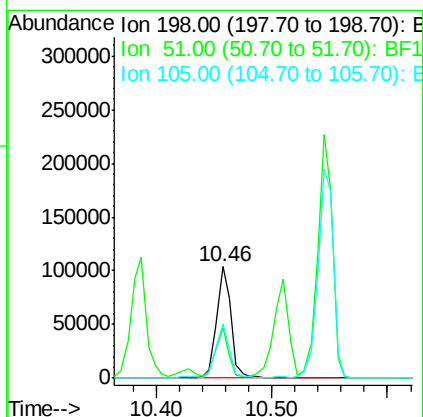
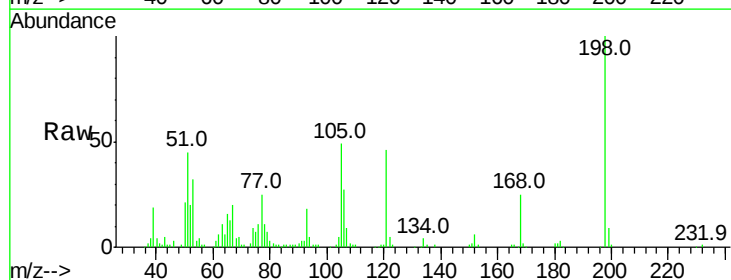
Instrument :
BNA_F
ClientSampleId :

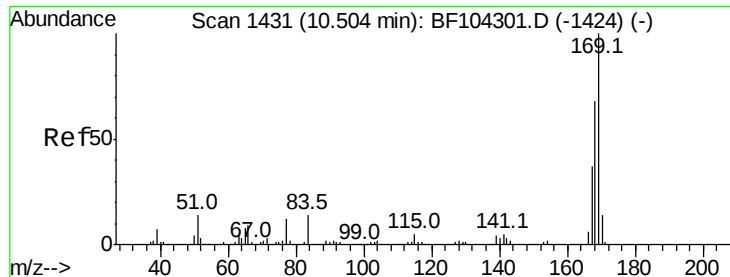
Tot Ion:188 Resp: 473203
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.653 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:198 Resp: 90629
Ion Ratio Lower Upper
198 100
51 44.9 37.7 77.7
105 48.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.691 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

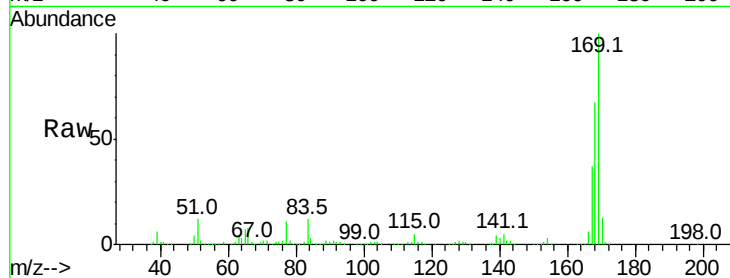
Tot Ion:169 Resp: 700433

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

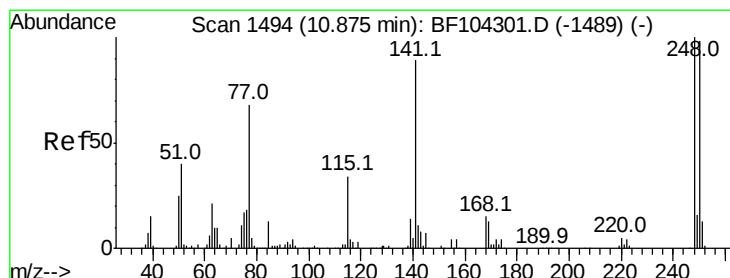
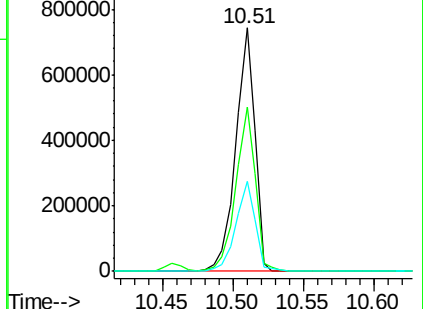
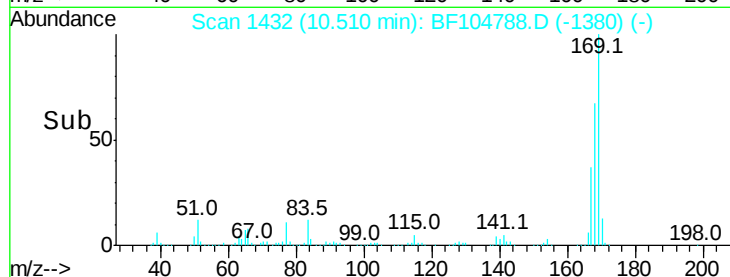
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.082 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

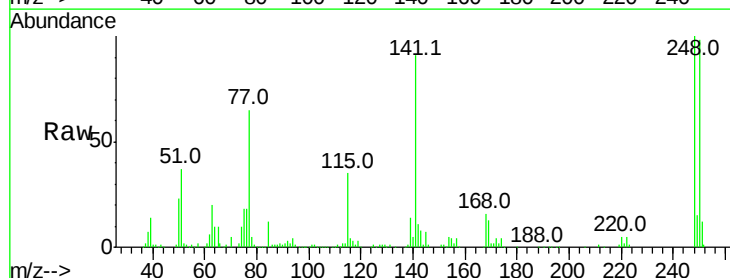
Tgt Ion:248 Resp: 226912

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

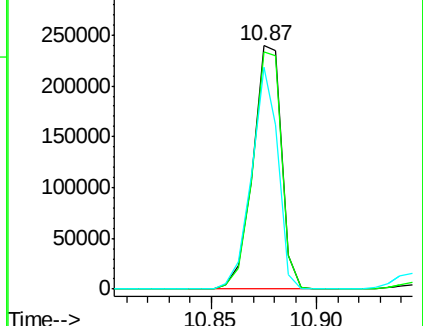
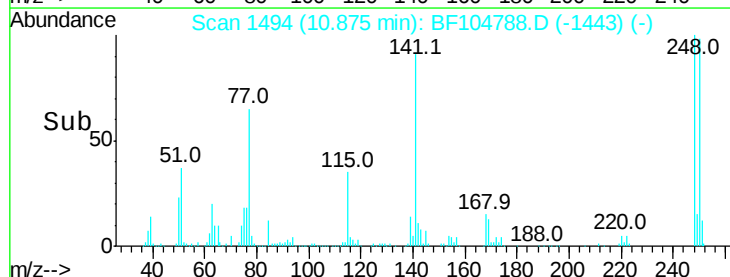
141 91.1 74.4 111.6

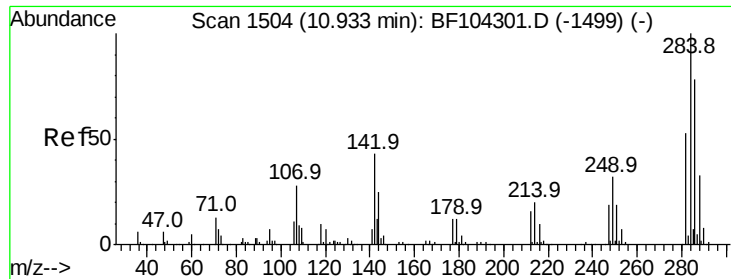


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

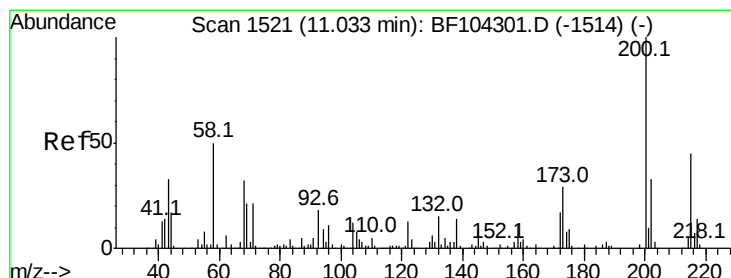
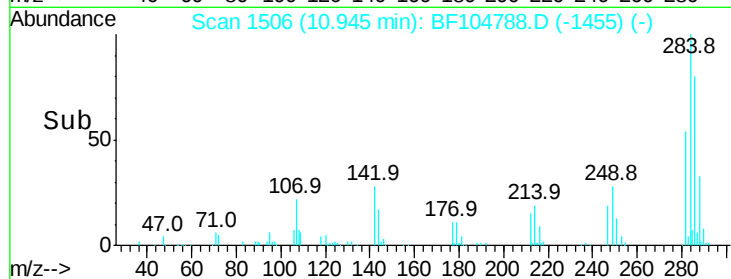
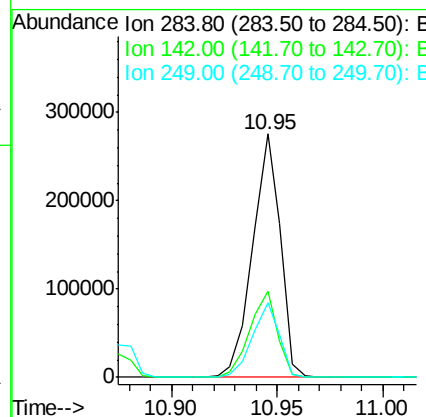
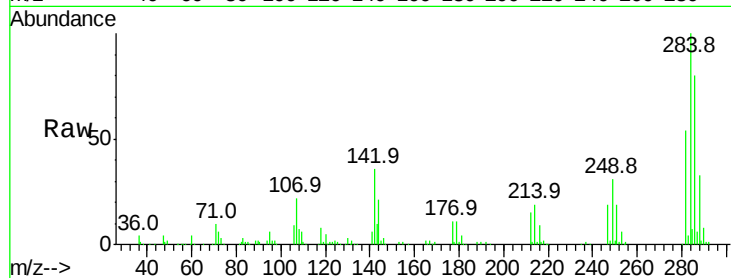




#67
Hexachlorobenzene
Concen: 44.402 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

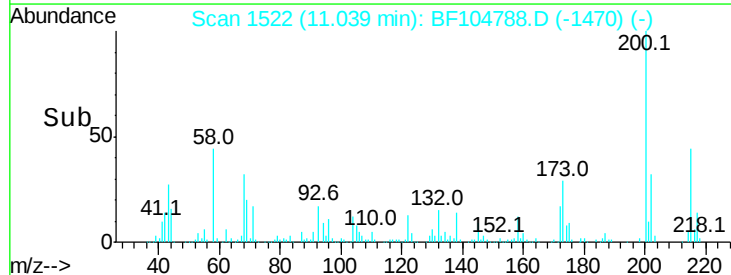
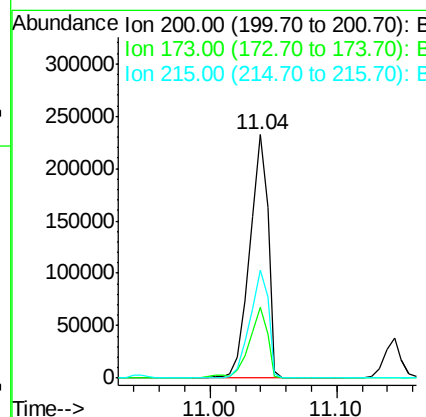
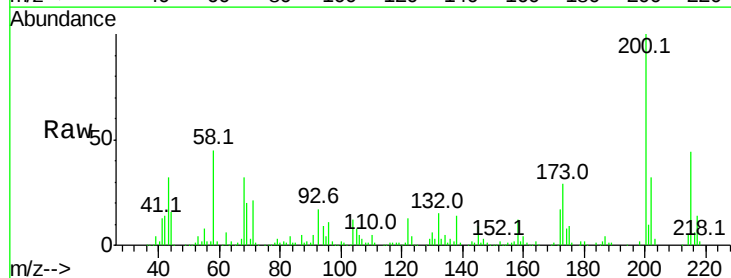
Instrument :
BNA_F
ClientSampleId :

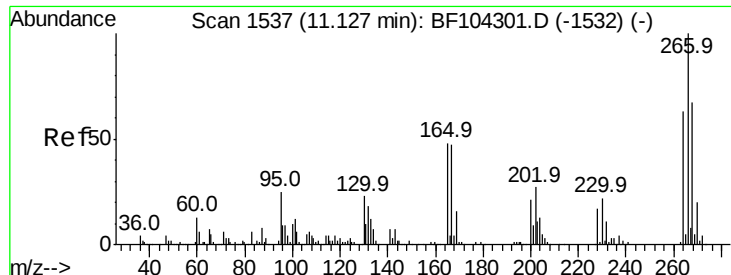
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.6	34.6	52.0
249	30.5	24.8	37.2



#68
Atrazine
Concen: 47.145 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	44.3	25.1	65.1

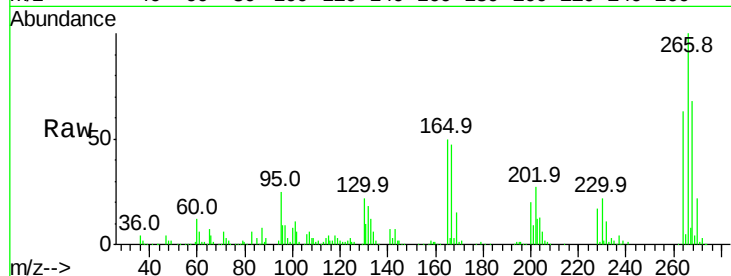




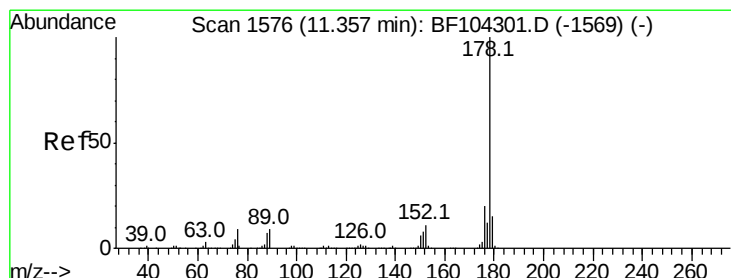
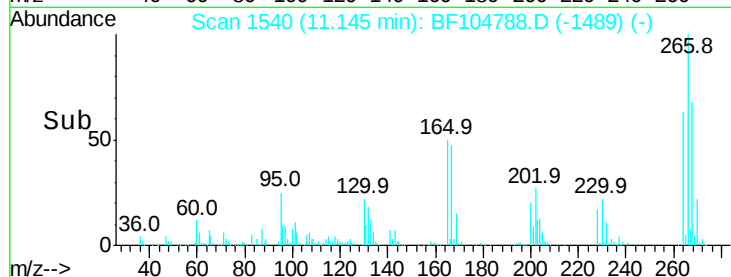
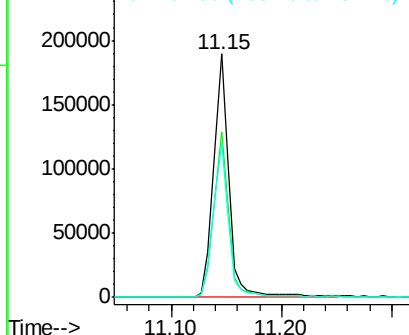
#69
 Pentachlorophenol
 Concen: 52.083 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.1	76.7
264	63.3	49.5	74.3

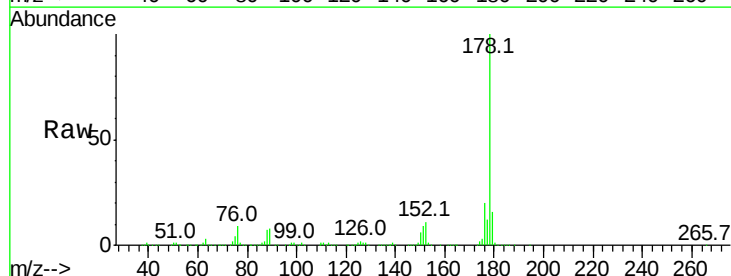


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

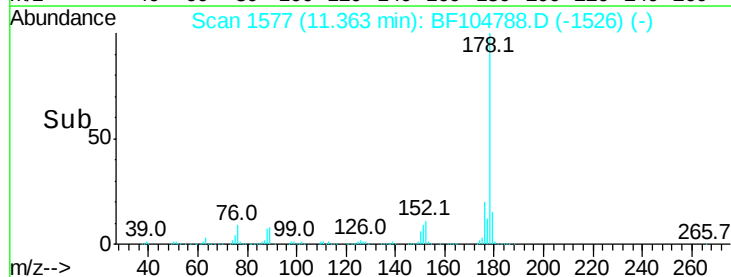
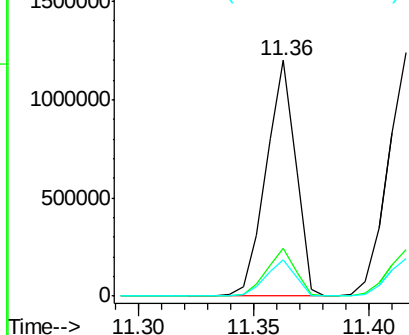


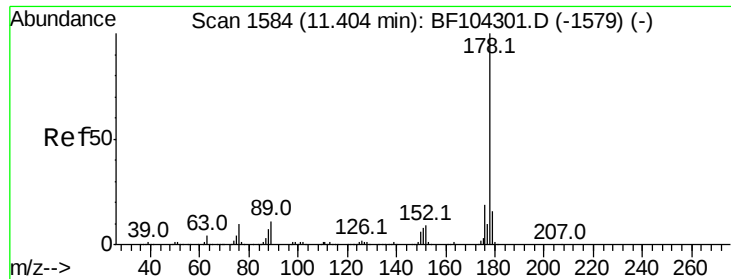
#70
 Phenanthrene
 Concen: 40.694 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.6	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

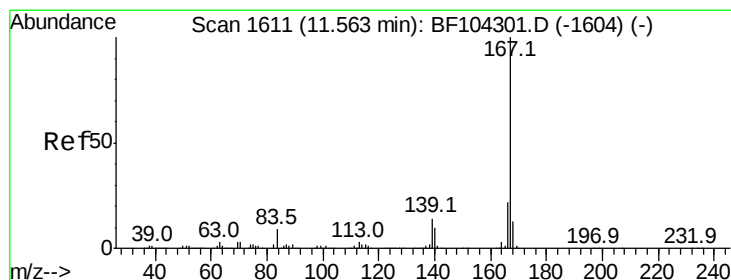
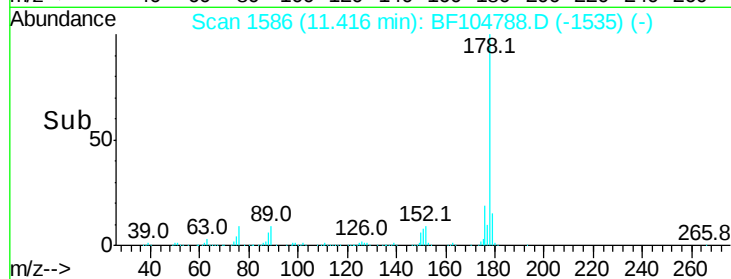
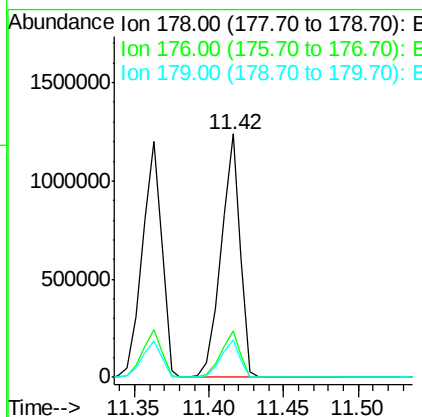
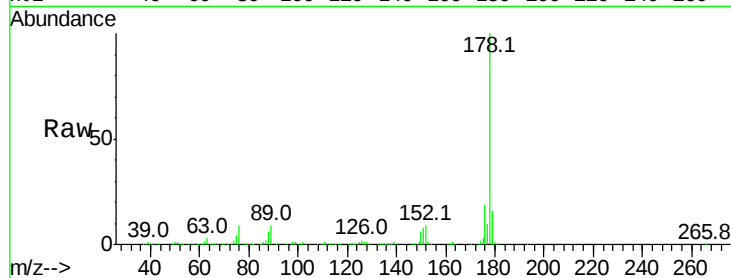




#71
 Anthracene
 Concen: 41.389 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

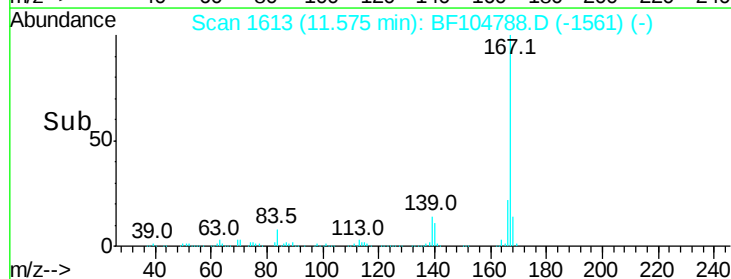
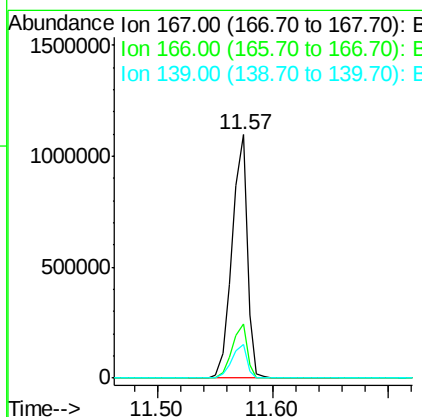
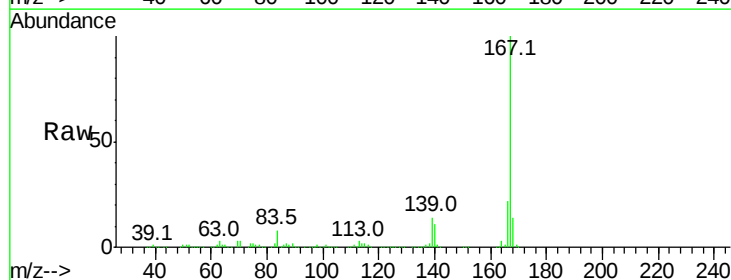
Instrument :
 BNA_F
 ClientSampleId :

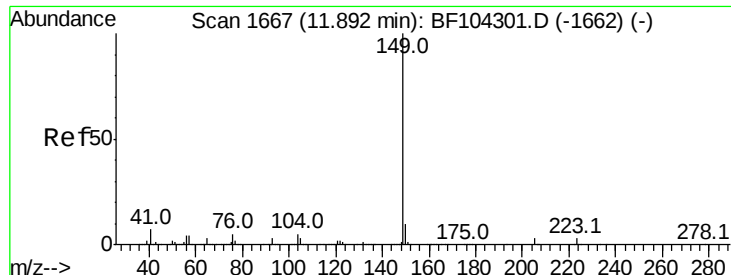
Tot Ion:178 Resp: 1108719
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.290 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion:167 Resp: 1002287
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.9 10.9 16.3

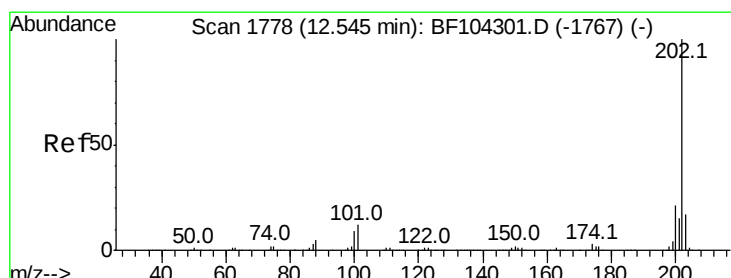
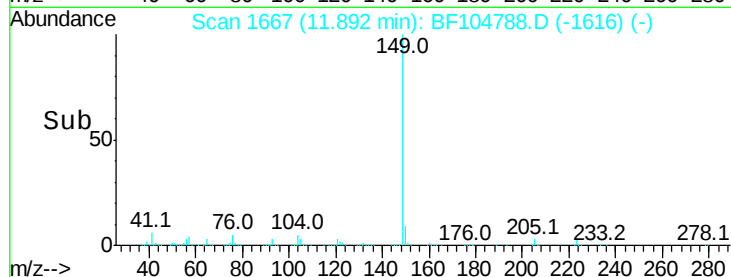
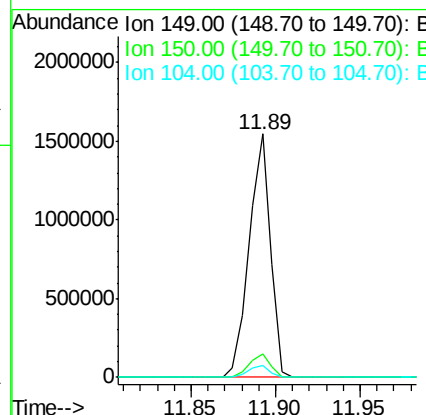
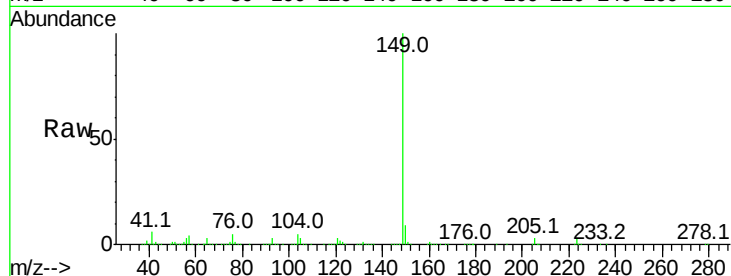




#73
Di-n-butylphthalate
Concen: 42.720 ng
RT: 11.89 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

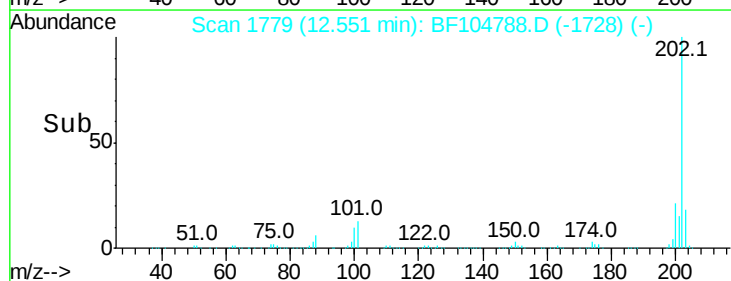
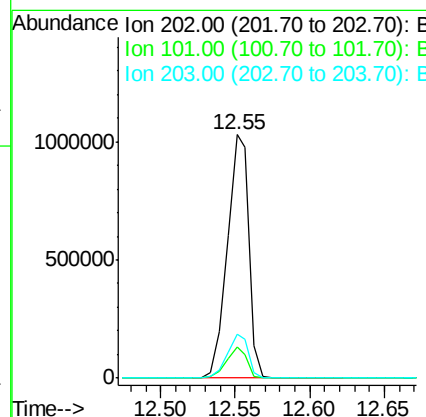
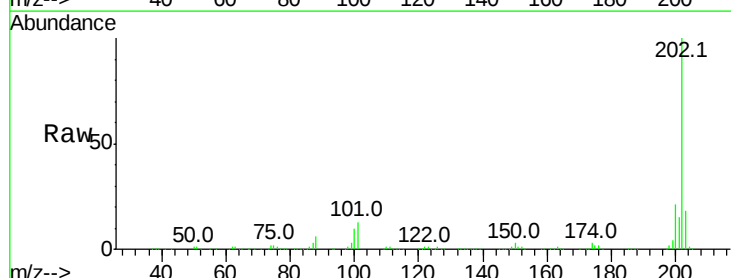
Instrument :
BNA_F
ClientSampleId :

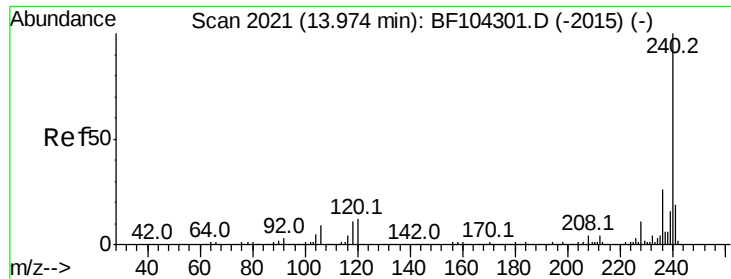
Tot Ion:149 Resp: 1365992
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 38.234 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:202 Resp: 1052701
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

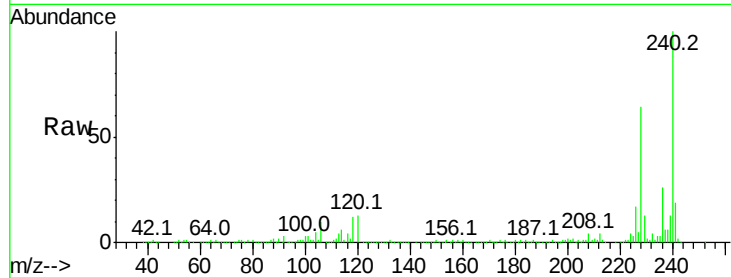
Tot Ion:240 Resp: 276206

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

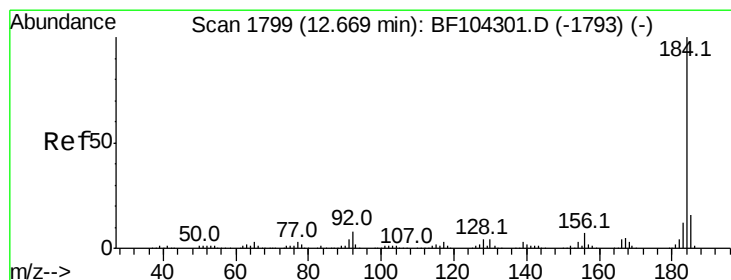
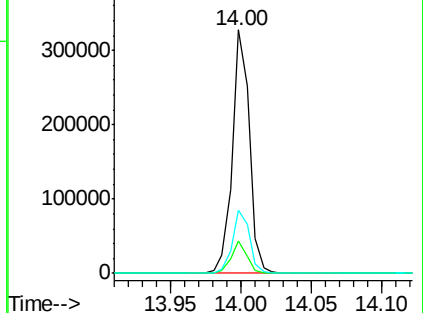
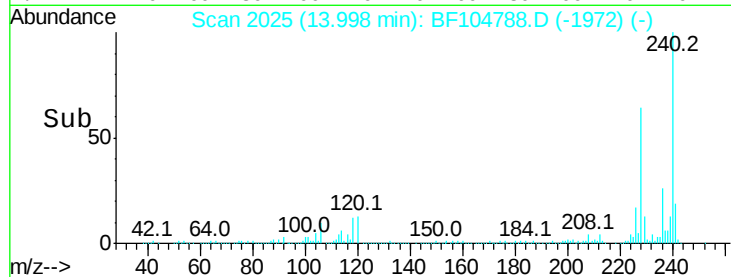
236 25.9 20.7 31.1



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: 24.076 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

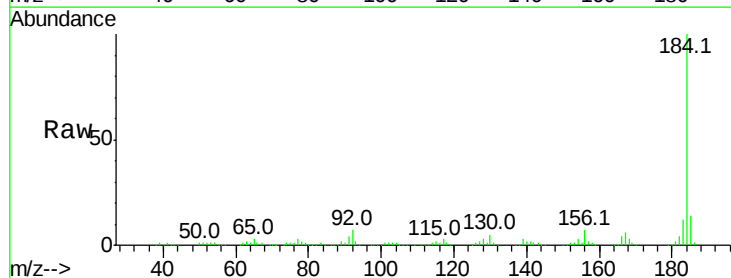
Tgt Ion:184 Resp: 256704

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

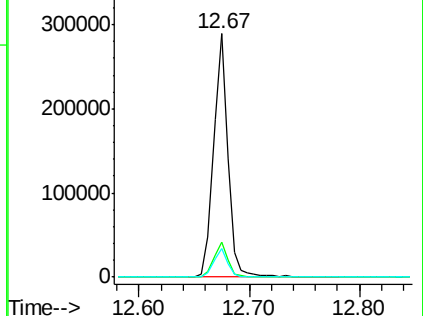
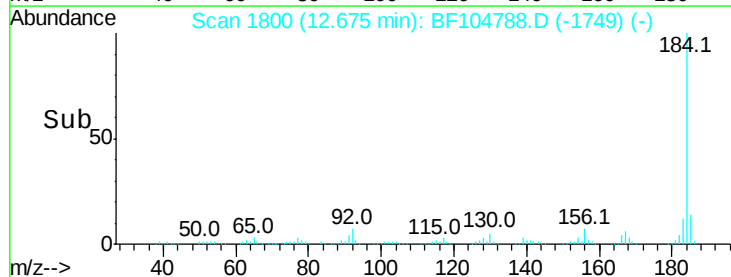
183 11.8 9.3 13.9

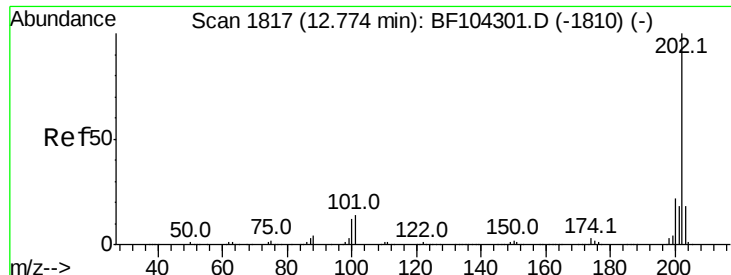


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

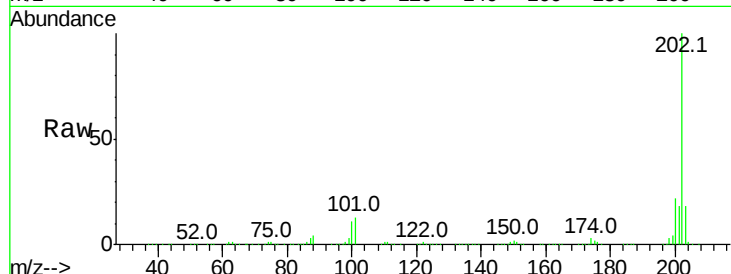




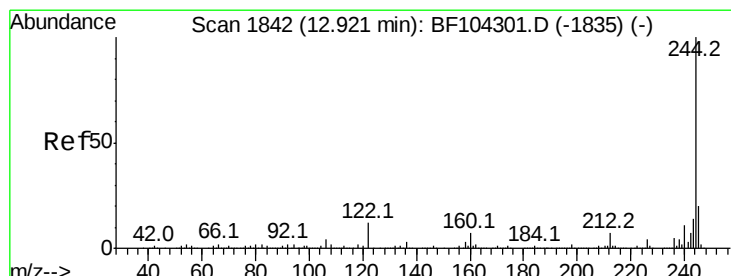
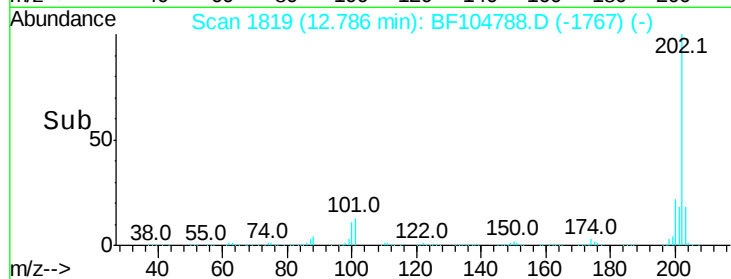
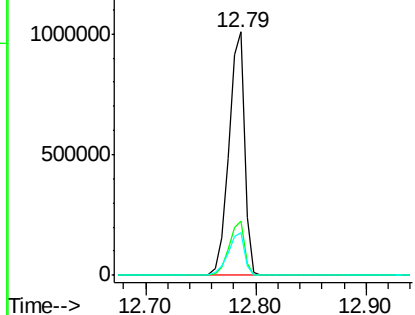
#77
Pvrene
Concen: 49.363 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1010633
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.7 14.3 21.5

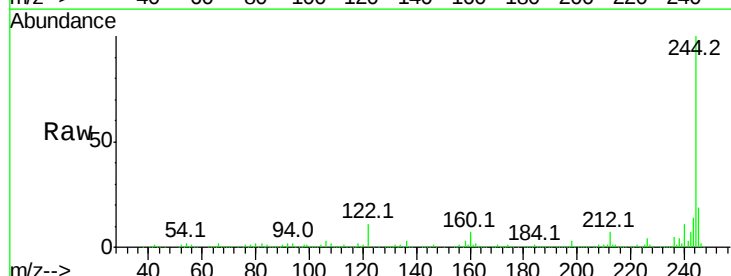


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

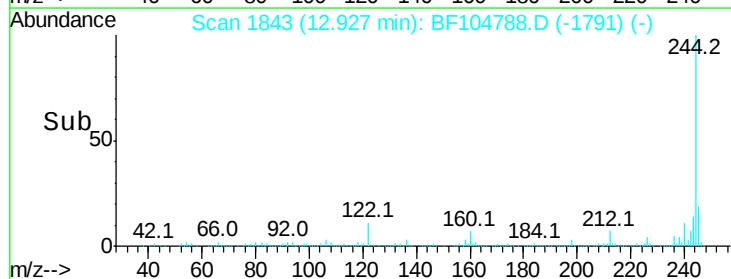
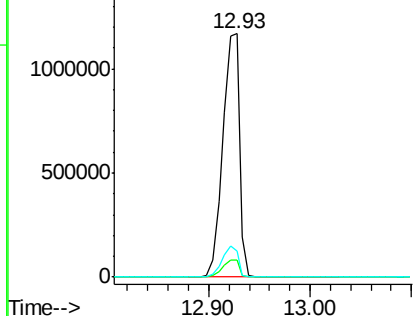


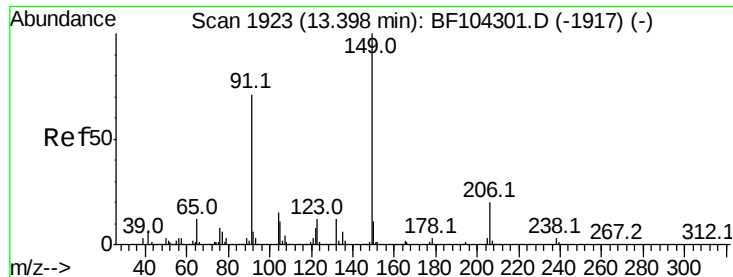
#78
Terphenyl-d14
Concen: 110.248 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:244 Resp: 1335676
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.8 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: 54.498 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

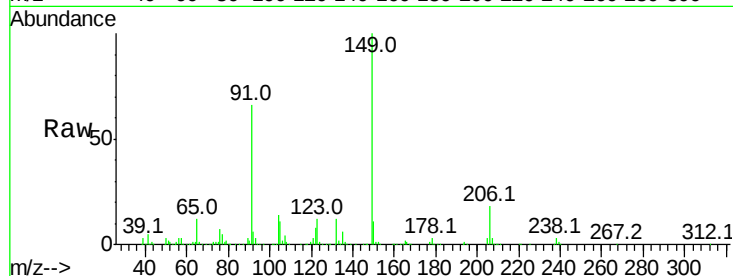
Tot Ion:149 Resp: 525652

Ion Ratio Lower Upper

149 100

91 65.6 56.8 85.2

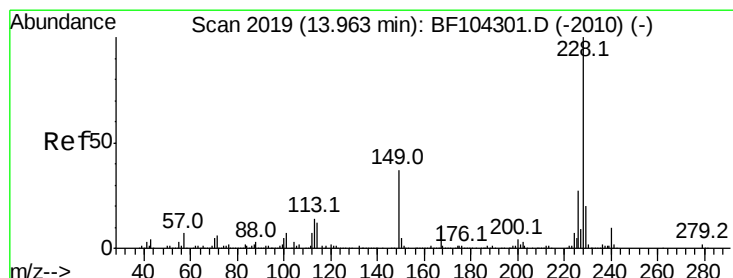
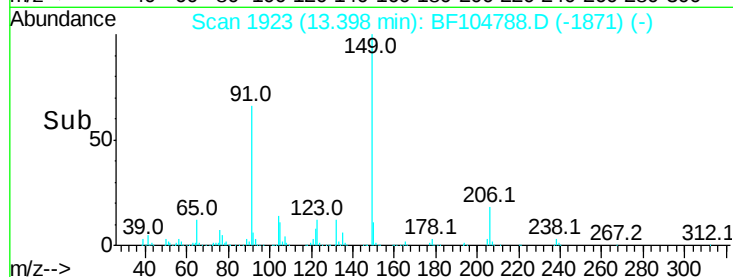
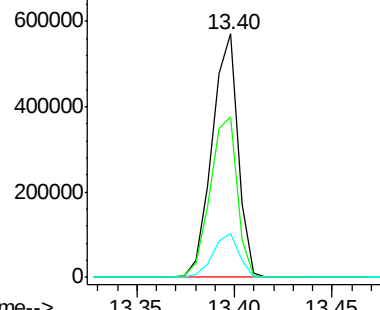
206 18.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.688 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

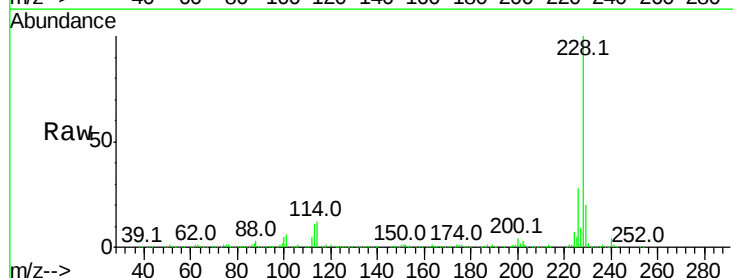
Tgt Ion:228 Resp: 770390

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

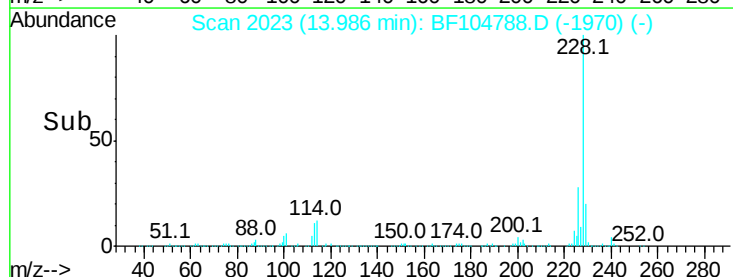
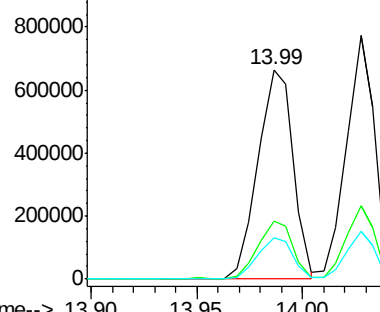
229 19.9 15.8 23.6

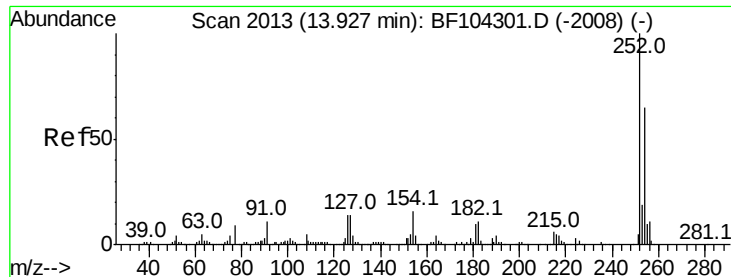


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.796 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.02 min

Lab File: BF104788.D

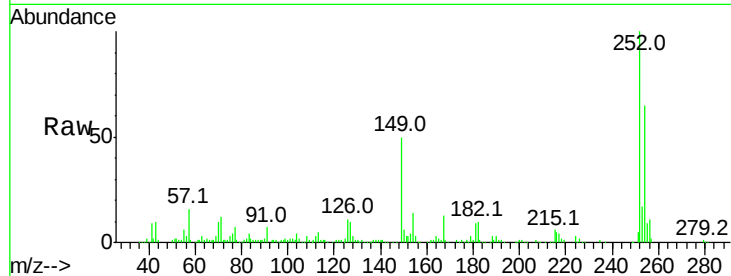
Acq: 25 Apr 2018 14:59

Instrument :

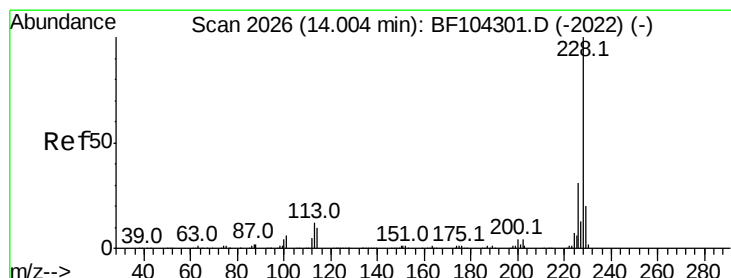
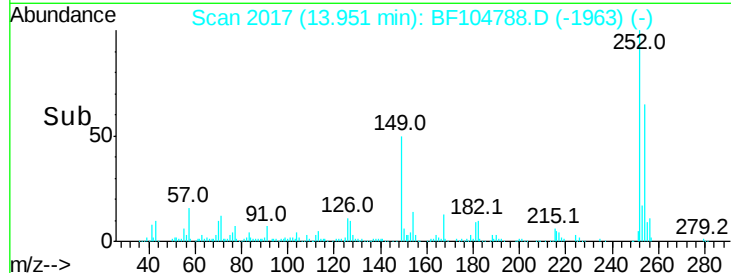
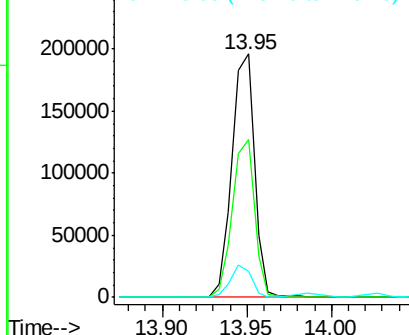
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	183317
Ion Ratio		Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.6	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: 42.795 ng

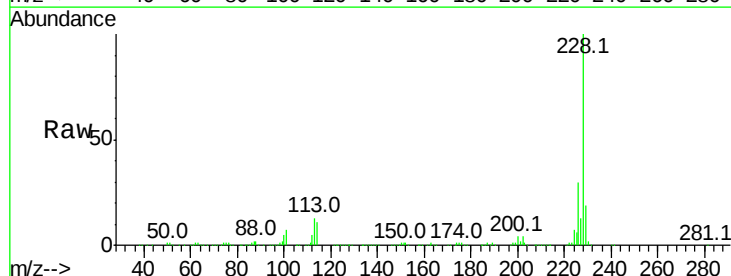
RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

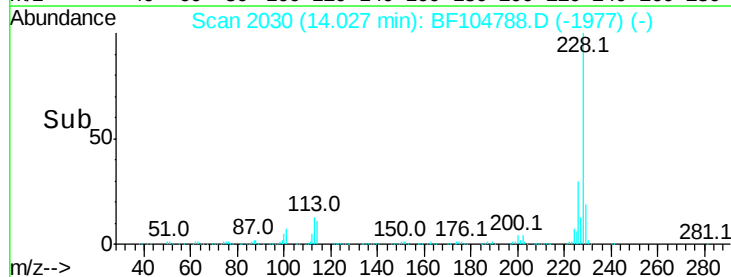
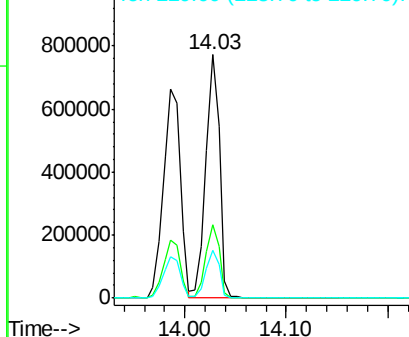
Lab File: BF104788.D

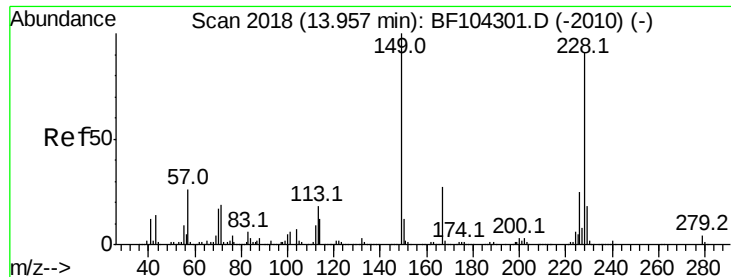
Acq: 25 Apr 2018 14:59

Tgt Ion:	228	Resp:	725328
Ion Ratio		Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.5	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: 58.734 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

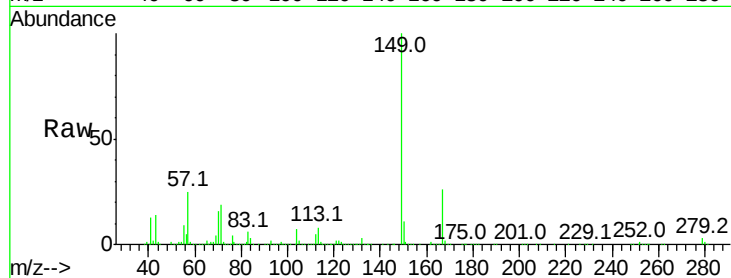
Tot Ion:149 Resp: 728664

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

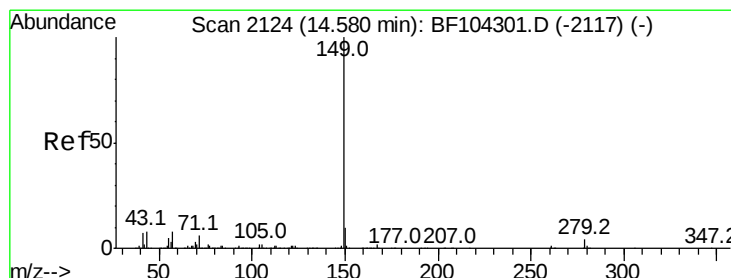
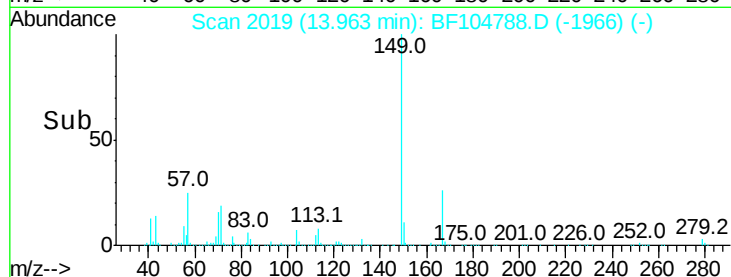
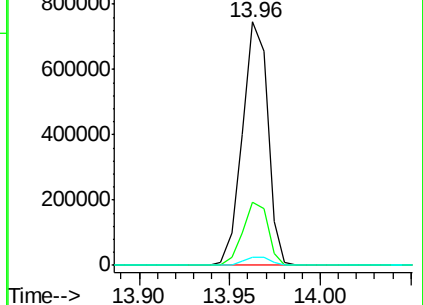
279 3.2 3.0 4.4



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: 51.380 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.04 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

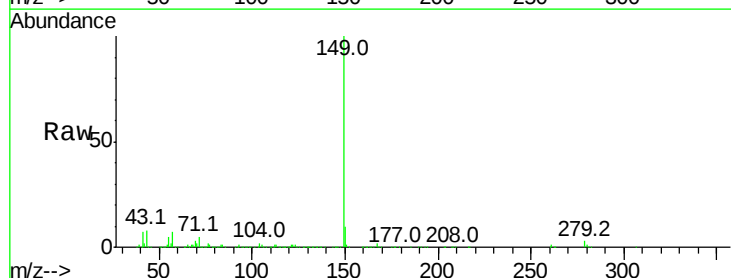
Tgt Ion:149 Resp: 1065099

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

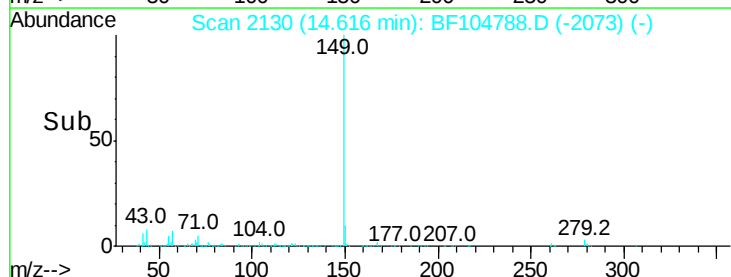
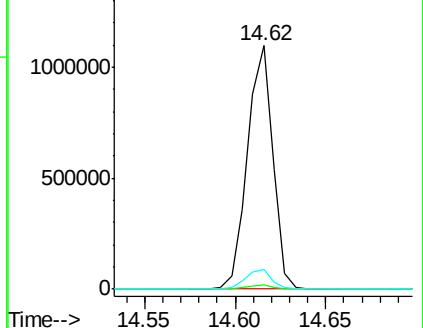
43 8.1 8.4 12.6#

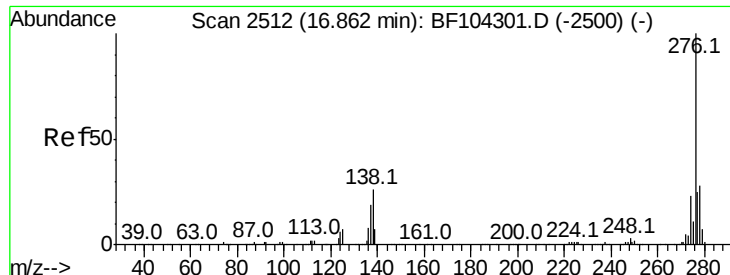


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

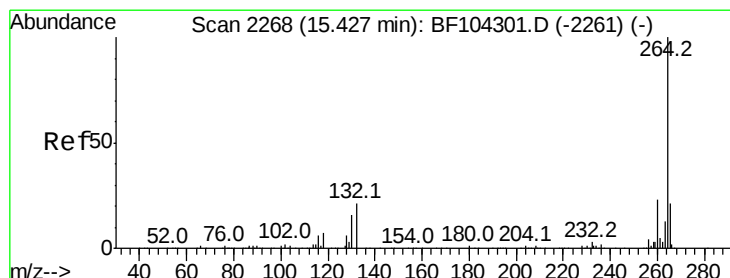
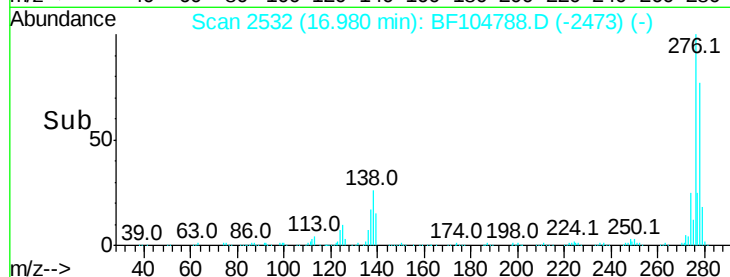
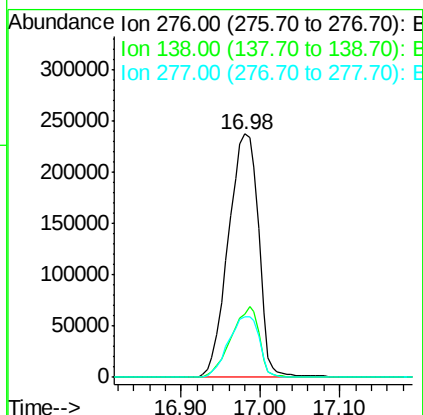
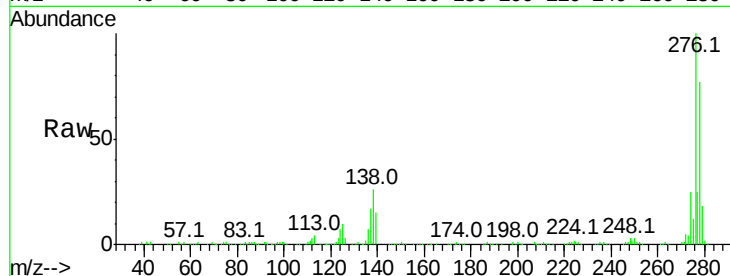




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.743 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.05 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

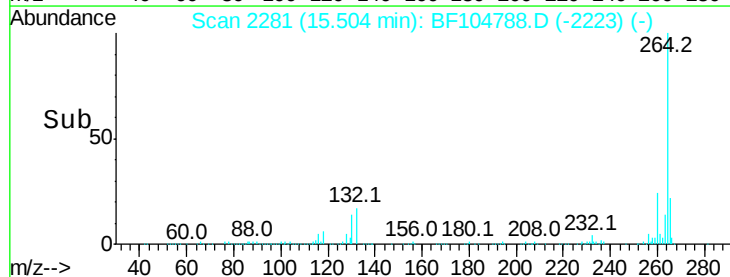
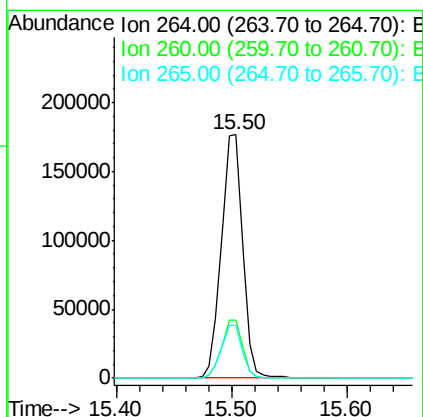
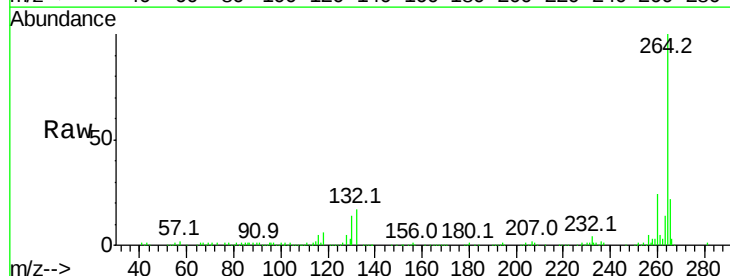
Instrument :
 BNA_F
 ClientSampleId :

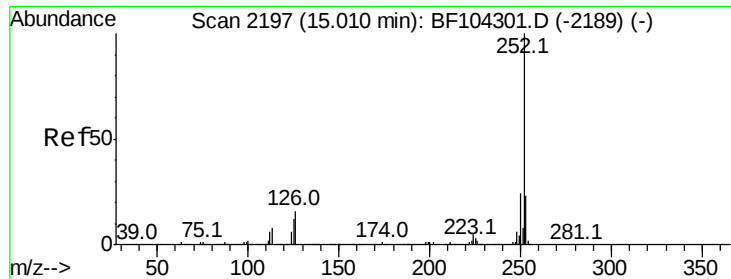
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.04 min
 Lab File: BF104788.D
 Acq: 25 Apr 2018 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.794 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.04 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

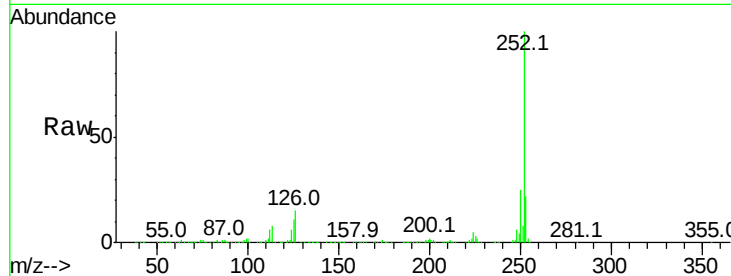
Tot Ion:252 Resp: 674462

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

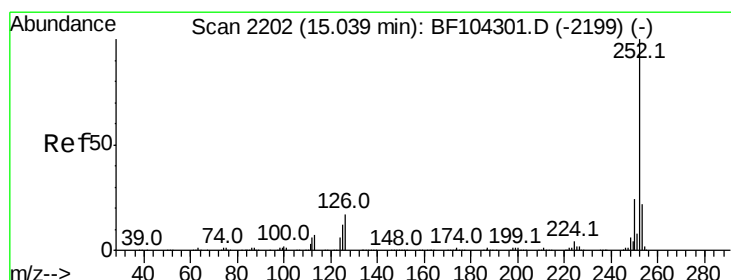
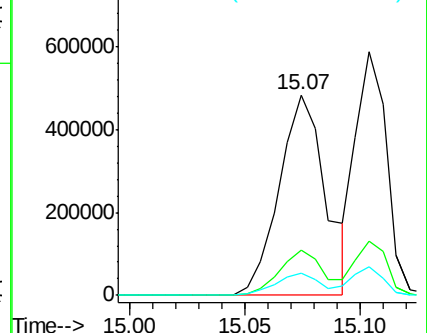
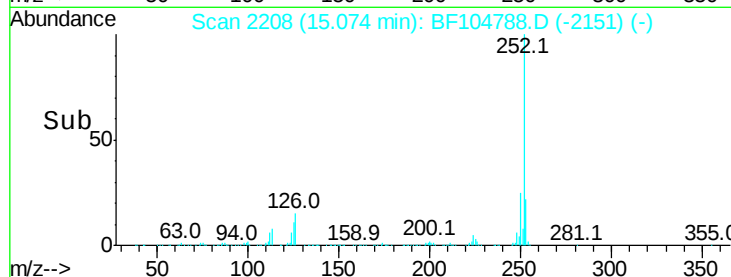
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.448 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.04 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

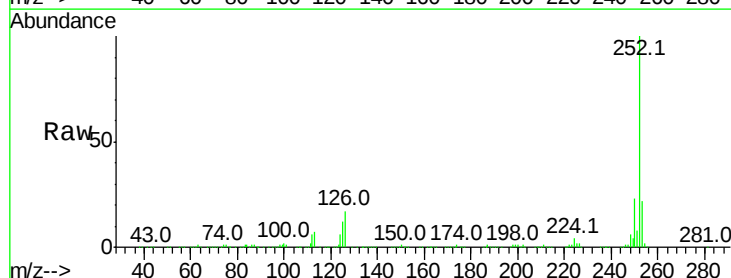
Tgt Ion:252 Resp: 550396

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

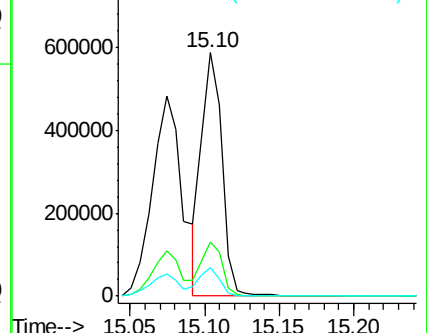
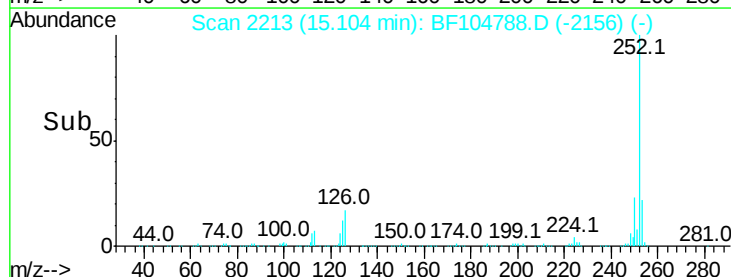
125 11.9 10.2 15.2

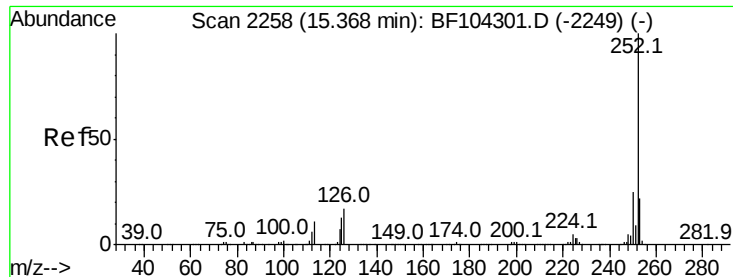


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

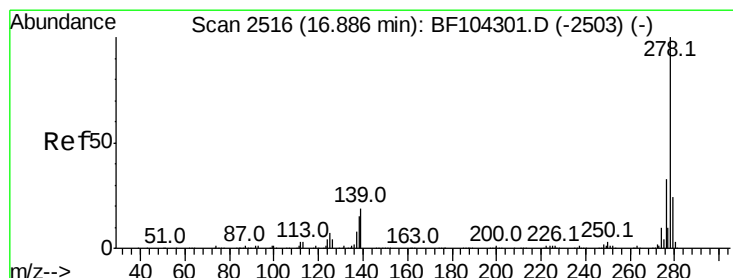
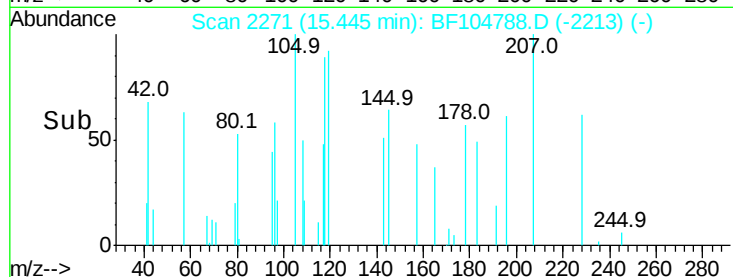
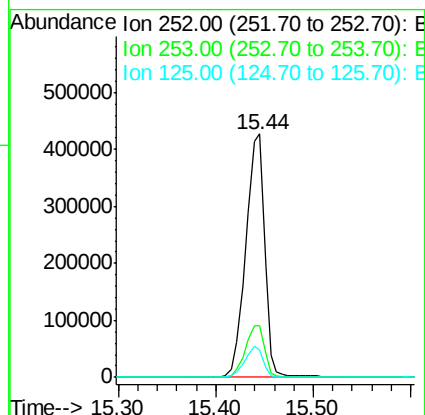
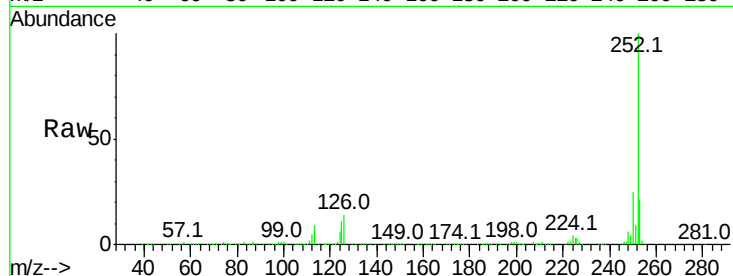




#89
Benzo(a)pyrene
Concen: 44.862 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.04 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

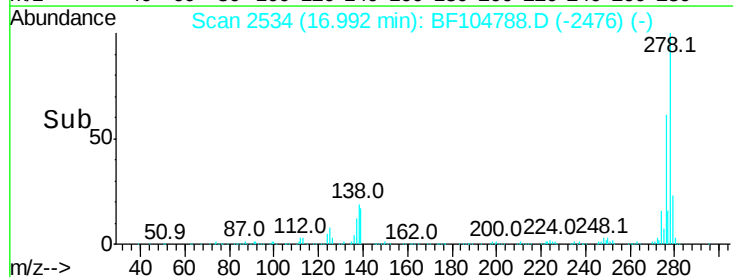
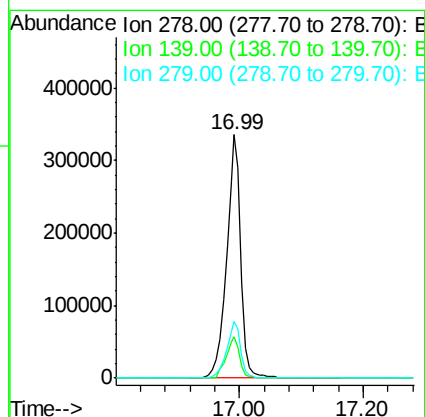
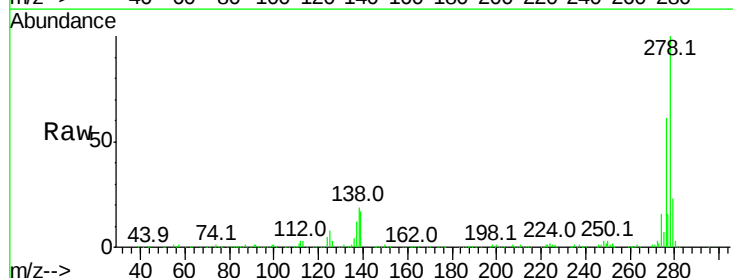
Instrument :
BNA_F
ClientSampleId :

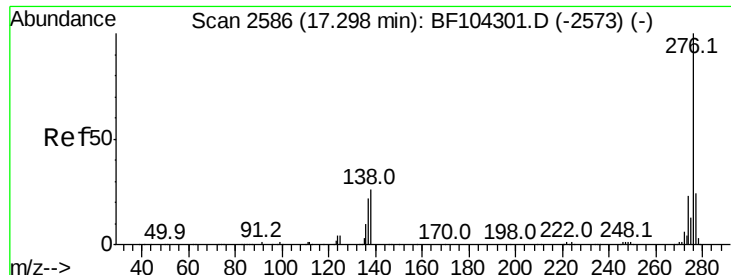
Tot Ion:252 Resp: 578554
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 11.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 50.490 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.04 min
Lab File: BF104788.D
Acq: 25 Apr 2018 14:59

Tgt Ion:278 Resp: 534780
Ion Ratio Lower Upper
278 100
139 16.9 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 50.484 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.05 min

Lab File: BF104788.D

Acq: 25 Apr 2018 14:59

Instrument :

BNA_F

ClientSampleId :

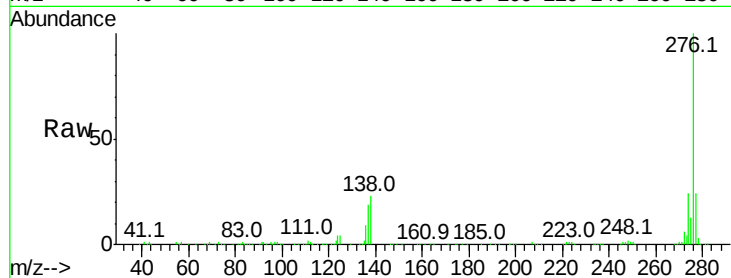
Tot Ion:276 Resp: 518051

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

