

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104608.D
 Acq On : 18 Apr 2018 18:11
 Operator : JU/SJ
 Sample : PB108327BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:14:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119520	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482421	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	211504	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	337813	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237609	20.00	ng	0.00
86) Perylene-d12	15.44	264	238816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	947945	121.27	ng	0.01
7) Phenol-d6	6.45	99	1164300	121.23	ng	0.00
23) Nitrobenzene-d5	7.37	82	735334	99.53	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	269238	122.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1266289	94.58	ng	0.00
78) Terphenyl-d14	12.92	244	996475	95.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	145368	39.912	ng	89
3) Pyridine	3.32	79	412121	40.245	ng	87
4) n-Nitrosodimethylamine	3.28	42	154871	43.265	ng	# 76
6) Aniline	6.47	93	183630	13.762	ng	92
8) 2-Chlorophenol	6.59	128	363841	44.101	ng	95
9) Benzaldehyde	6.36	77	232506	53.752	ng	94
10) Phenol	6.46	94	432028	42.396	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	346115	42.563	ng	94
12) 1,3-Dichlorobenzene	6.75	146	385856	41.283	ng	100
13) 1,4-Dichlorobenzene	6.82	146	391118	41.979	ng	100
14) 1,2-Dichlorobenzene	6.97	146	361575	41.878	ng	99
15) Benzyl Alcohol	6.95	79	298414	40.909	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443927	40.650	ng	90
17) 2-Methylphenol	7.06	107	303185	42.276	ng	96
18) Hexachloroethane	7.32	117	136705	41.153	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	233636	37.228	ng	94
20) 3+4-Methylphenols	7.22	107	357209	40.161	ng	# 61
22) Acetophenone	7.22	105	471942	39.736	ng	98
24) Nitrobenzene	7.39	77	375078	45.983	ng	97
25) Isophorone	7.63	82	680787	43.576	ng	98
26) 2-Nitrophenol	7.70	139	194386	58.538	ng	97
27) 2,4-Dimethylphenol	7.75	122	319134	46.285	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	442901	46.367	ng	99
29) 2,4-Dichlorophenol	7.95	162	297430	45.211	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	305630	42.332	ng	99
31) Naphthalene	8.11	128	1024496	42.648	ng	99
32) Benzoic acid	7.87	122	213201	38.754	ng	97
33) 4-Chloroaniline	8.16	127	64818	6.298	ng	98
34) Hexachlorobutadiene	8.22	225	166196	42.026	ng	98
35) Caprolactam	8.54	113	98763	43.034	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	317445	45.001	ng	99
37) 2-Methylnaphthalene	8.80	142	669817	43.107	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	281370	46.473	ng	99
40) Hexachlorocyclopentadiene	8.95	237	135138	39.870	ng	97

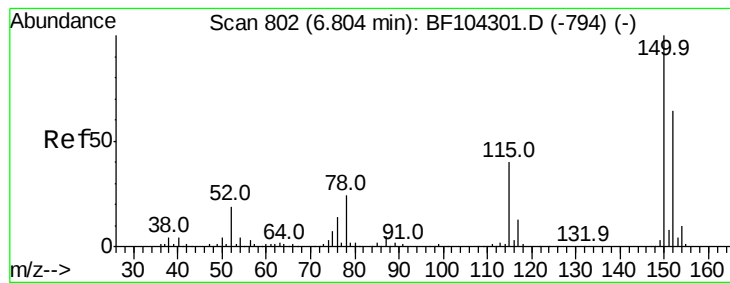
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104608.D
 Acq On : 18 Apr 2018 18:11
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 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	196627	46.783	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	207808	44.184	ng	95
45) 1,1'-Biphenyl	9.27	154	776913	43.726	ng	99
46) 2-Chloronaphthalene	9.29	162	616417	43.922	ng	99
47) 2-Nitroaniline	9.39	65	186136	53.631	ng	96
48) Acenaphthylene	9.71	152	915351	41.570	ng	99
49) Dimethylphthalate	9.57	163	738490	44.277	ng	100
50) 2,6-Dinitrotoluene	9.63	165	160530	52.015	ng	96
51) Acenaphthene	9.88	154	534581	39.791	ng	100
52) 3-Nitroaniline	9.80	138	54575	15.105	ng	99
53) 2,4-Dinitrophenol	9.91	184	61708	56.596	ng	# 21
54) Dibenzofuran	10.05	168	808405	43.178	ng	98
55) 4-Nitrophenol	9.97	139	241682	85.155	ng	95
56) 2,4-Dinitrotoluene	10.04	165	202803	50.097	ng	# 95
57) Fluorene	10.40	166	606657	44.516	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154298	43.975	ng	94
59) Diethylphthalate	10.27	149	702956	42.319	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	282758	46.590	ng	99
61) 4-Nitroaniline	10.42	138	133850	37.889	ng	97
62) Azobenzene	10.54	77	659167	41.536	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	46662	31.368	ng	86
65) n-Nitrosodiphenylamine	10.51	169	556541	47.515	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	175505	48.843	ng	97
67) Hexachlorobenzene	10.94	284	184588	45.654	ng	# 84
68) Atrazine	11.03	200	178917	50.606	ng	98
69) Pentachlorophenol	11.14	266	163424	65.335	ng	98
70) Phenanthrene	11.36	178	823639	43.781	ng	99
71) Anthracene	11.41	178	846048	44.242	ng	99
72) Carbazole	11.57	167	759153	40.625	ng	99
73) Di-n-butylphthalate	11.89	149	1031639	45.194	ng	99
74) Fluoranthene	12.55	202	757540	38.541	ng	96
76) Benzidine	12.67	184	418484	58.961	ng	97
77) Pyrene	12.78	202	755104	42.873	ng	99
79) Butylbenzylphthalate	13.40	149	369341	44.513	ng	94
80) Benzo(a)anthracene	13.97	228	666433	46.948	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	216189	40.847	ng	97
82) Chrysene	14.01	228	643628	44.143	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	498444	46.703	ng	# 98
84) Di-n-octyl phthalate	14.57	149	844298	47.345	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	583429	47.104	ng	98
87) Benzo(b)fluoranthene	15.02	252	668391	44.314	ng	99
88) Benzo(k)fluoranthene	15.05	252	632863	44.443	ng	98
89) Benzo(a)pyrene	15.38	252	617682	45.769	ng	97
90) Dibenzo(a,h)anthracene	16.92	278	497830	44.914	ng	98
91) Benzo(g,h,i)perylene	17.33	276	459049	42.748	ng	97

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

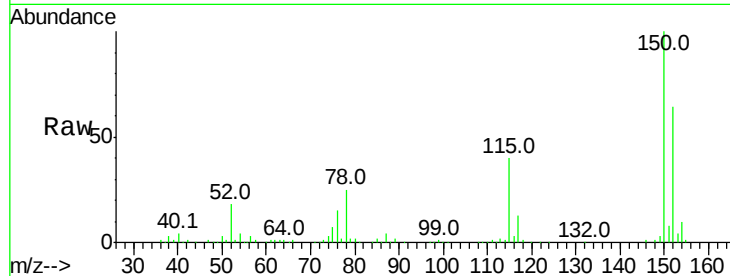


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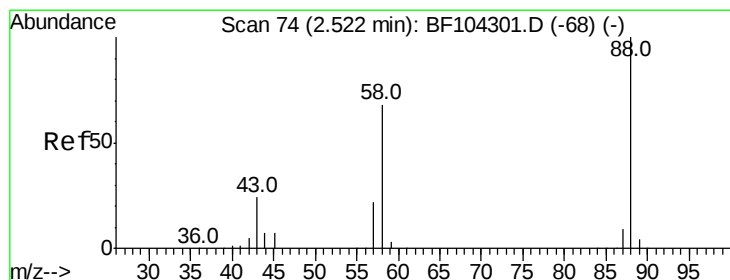
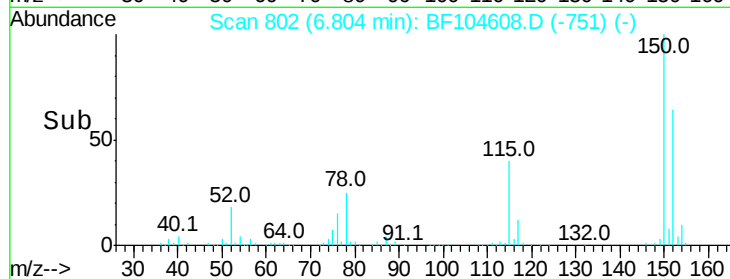
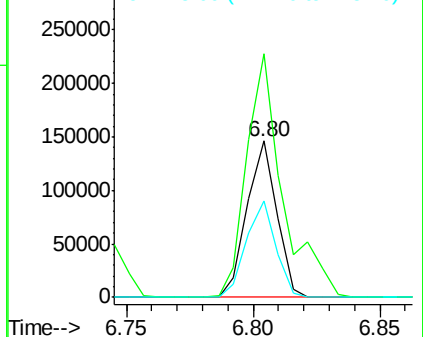
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119520
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.8 50.1 75.1



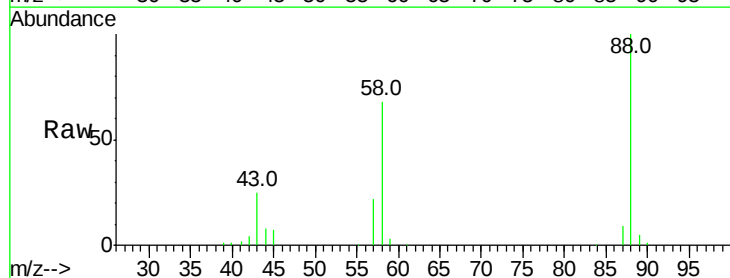
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



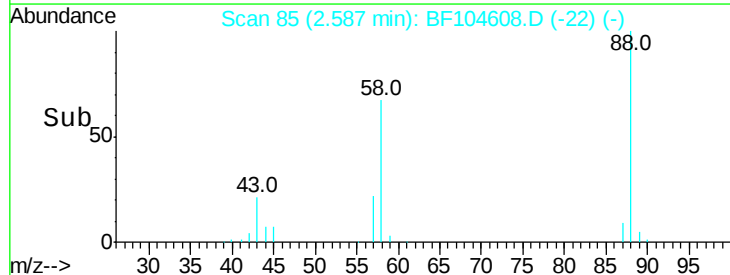
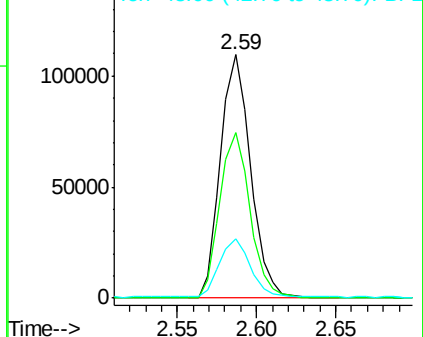
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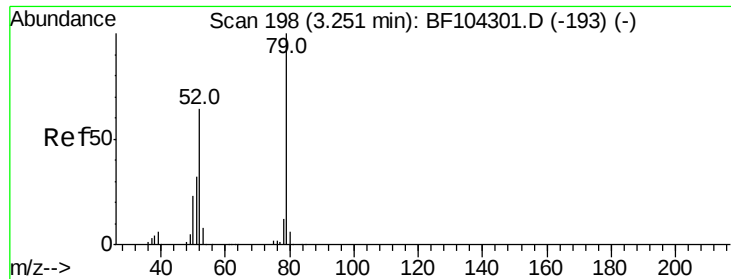
1,4-Dioxane
Concen: 39.912 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion: 88 Resp: 145368
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 24.7 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

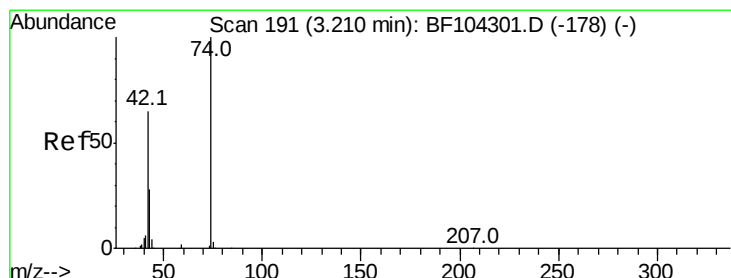
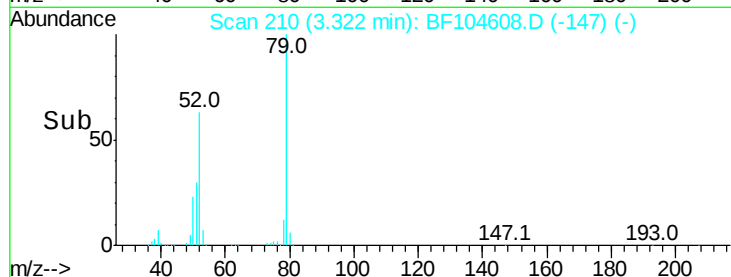
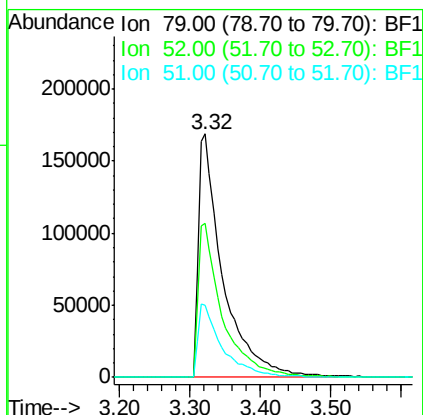
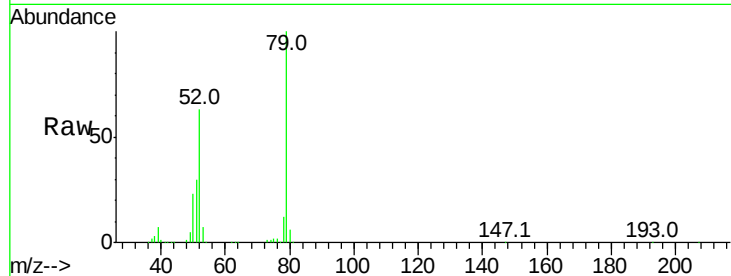




#3
 Pvridine
 Concen: 40.245 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.07 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

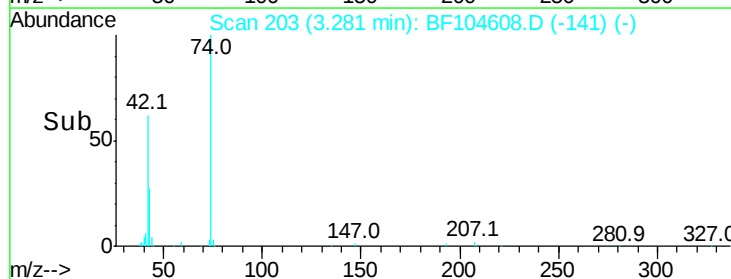
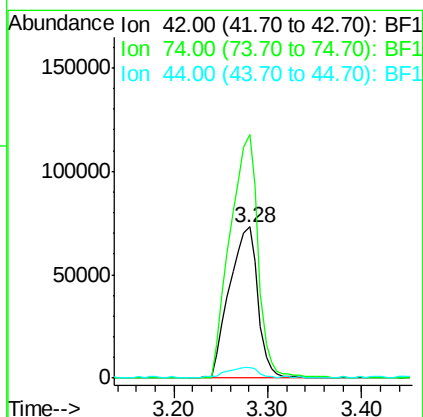
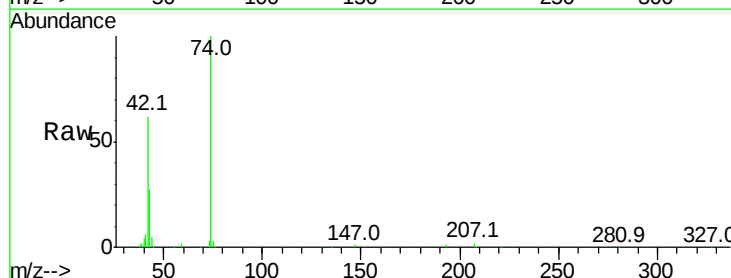
Instrument :
 BNA_F
 ClientSampleId :

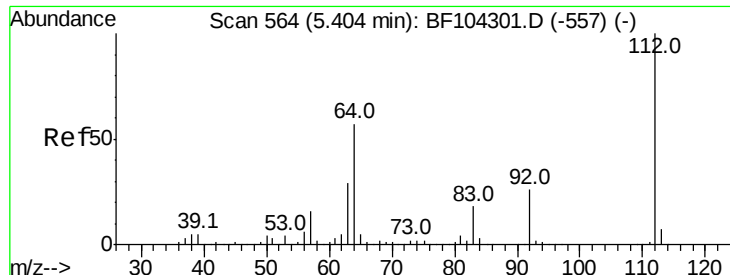
Tot Ion: 79 Resp: 412121
 Ion Ratio Lower Upper
 79 100
 52 63.1 59.8 89.6
 51 29.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 43.265 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.06 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion: 42 Resp: 154871
 Ion Ratio Lower Upper
 42 100
 74 161.2 104.9 157.3#
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 121.274 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampled :

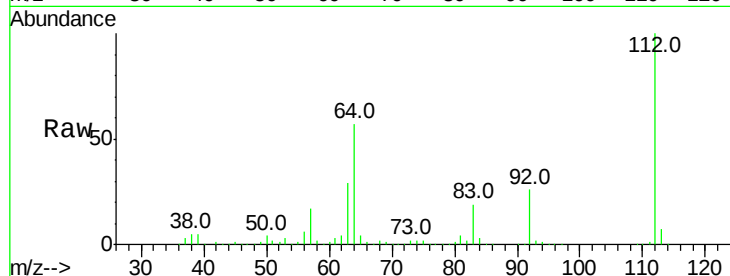
Tot Ion:112 Resp: 947945

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

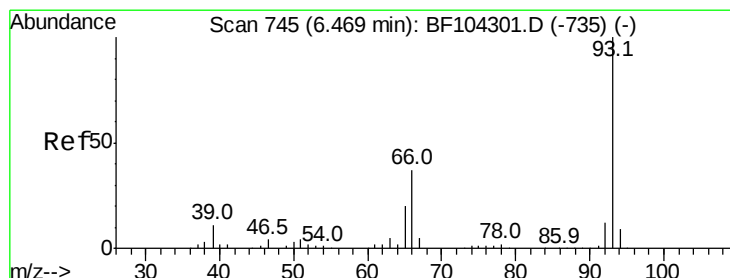
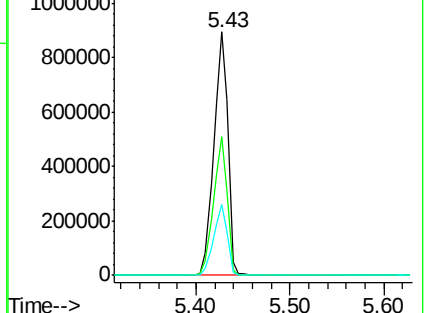
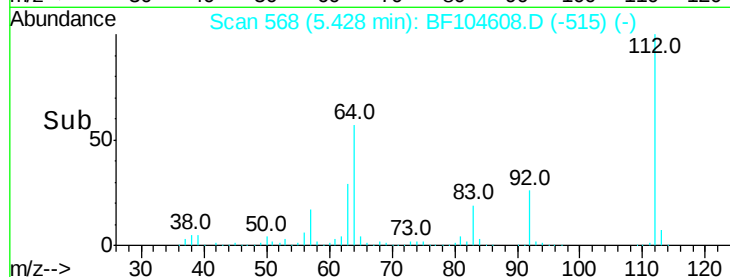
63 29.0 23.7 35.5



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: 13.762 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

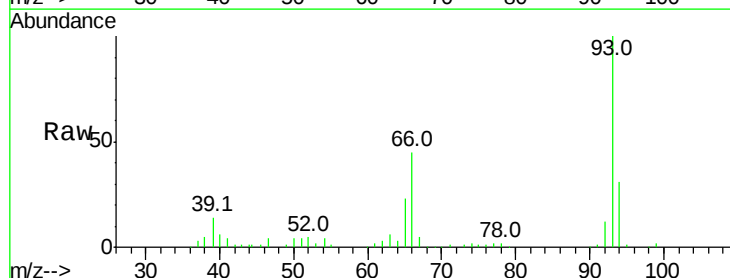
Tgt Ion: 93 Resp: 183630

Ion Ratio Lower Upper

93 100

66 45.4 32.2 48.2

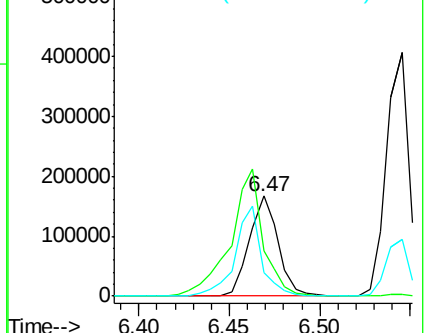
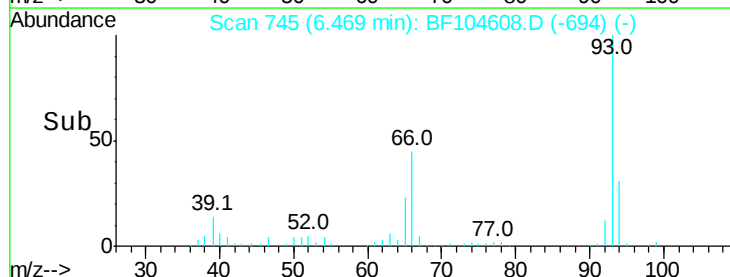
65 23.3 16.4 24.6



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: 121.230 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampled :

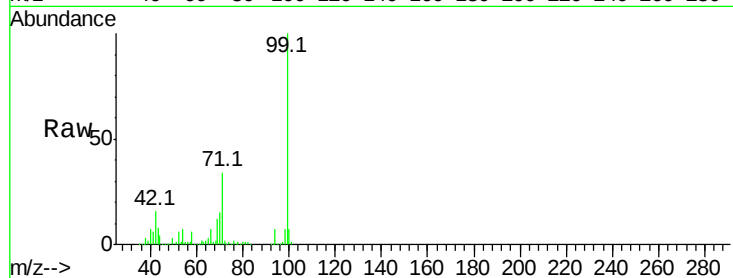
Tot Ion: 99 Resp: 1164300

Ion Ratio Lower Upper

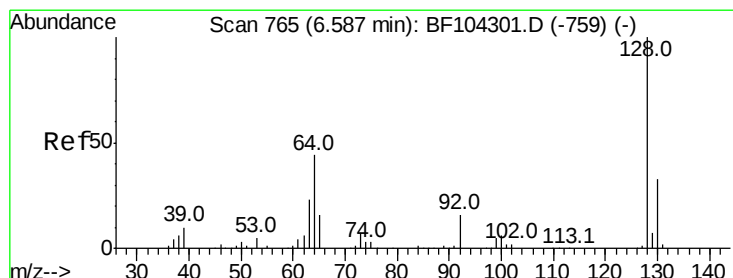
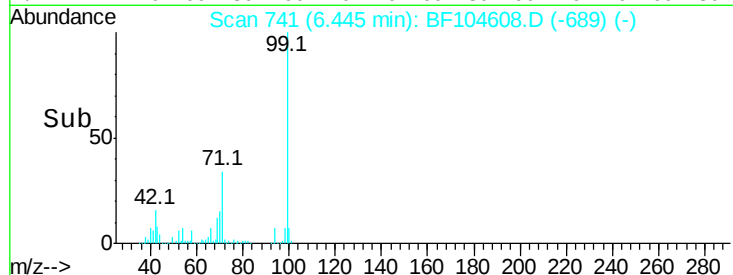
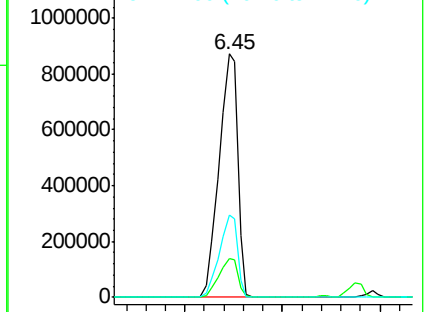
99 100

42 15.9 14.5 21.7

71 33.8 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: 44.101 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

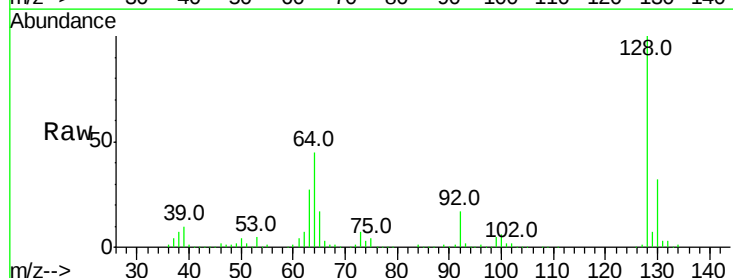
Tgt Ion: 128 Resp: 363841

Ion Ratio Lower Upper

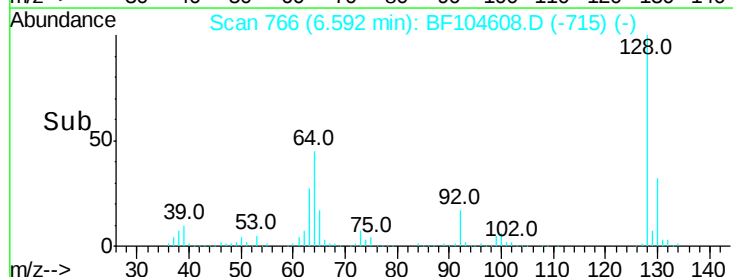
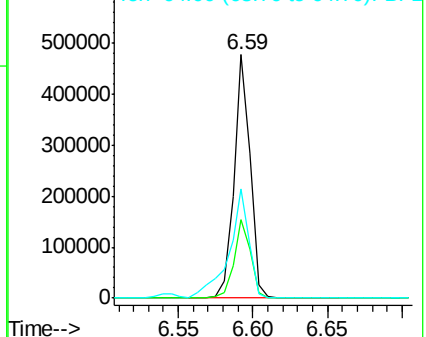
128 100

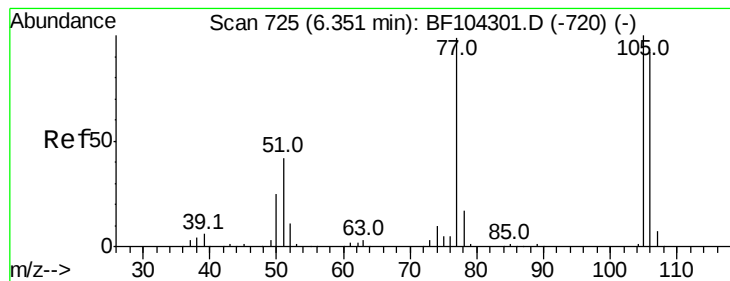
130 32.1 13.0 53.0

64 44.8 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: 53.752 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

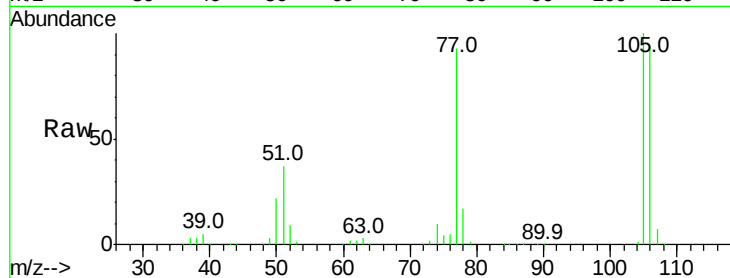
Tot Ion: 77 Resp: 232506

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

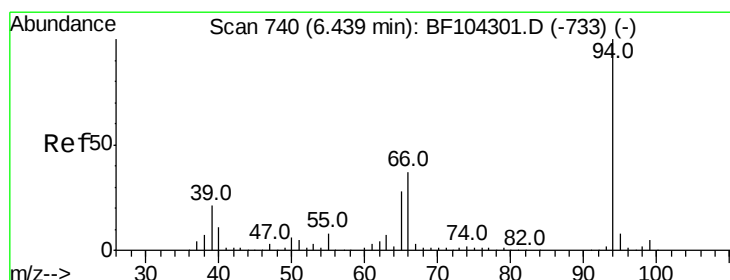
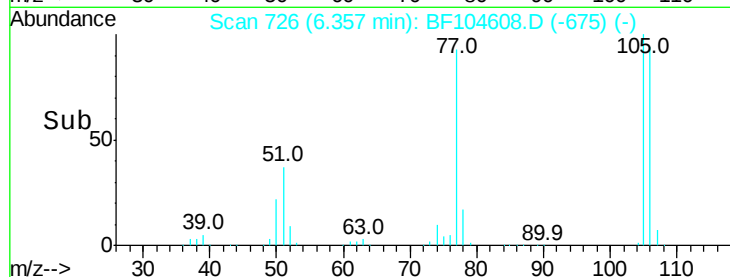
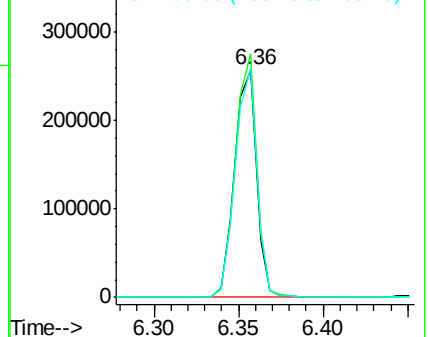
106 101.0 74.5 114.5



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: 42.396 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

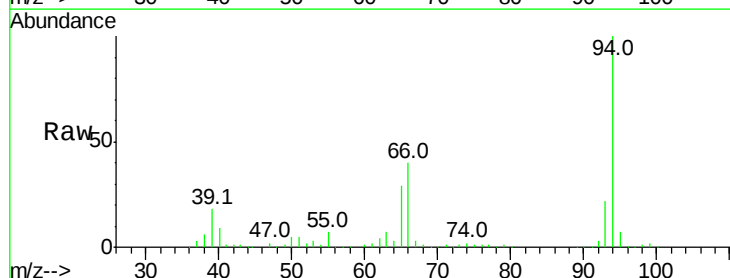
Tgt Ion: 94 Resp: 432028

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

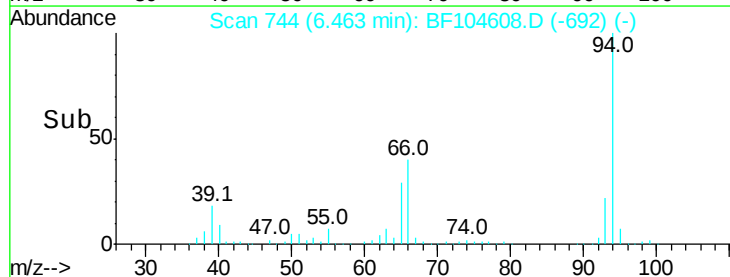
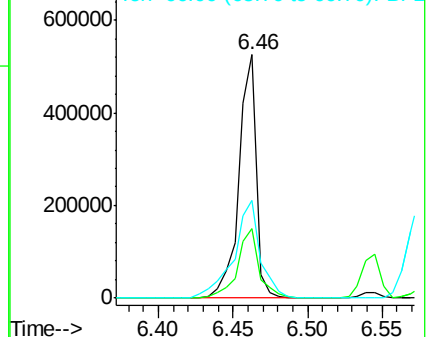
66 40.3 16.2 56.2

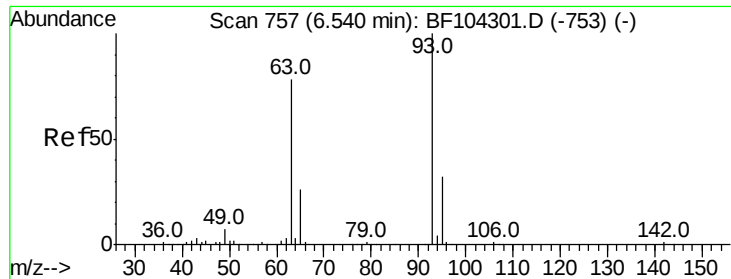


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.563 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

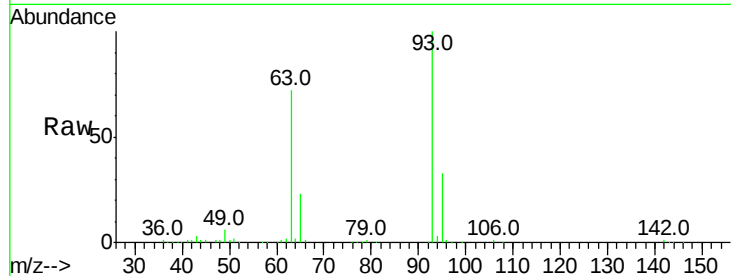
Tot Ion: 93 Resp: 346115

Ion Ratio Lower Upper

93 100

63 72.0 58.6 98.6

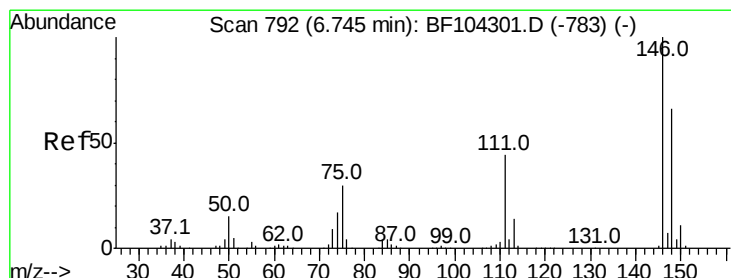
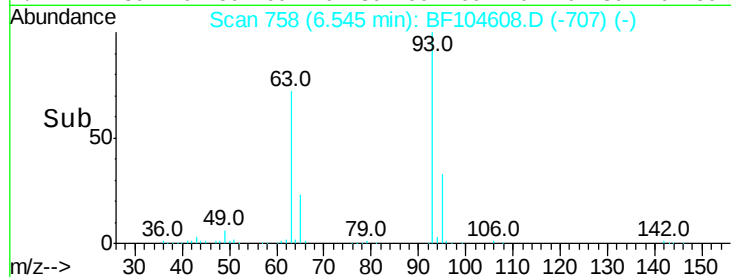
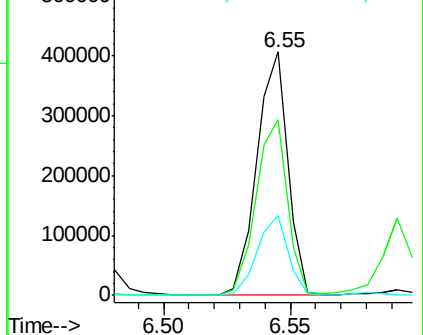
95 32.9 11.8 51.8



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: 41.283 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

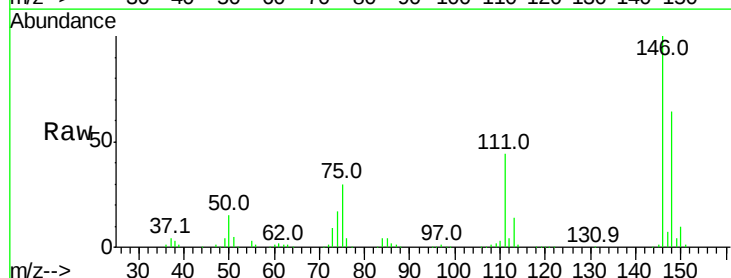
Tgt Ion: 146 Resp: 385856

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

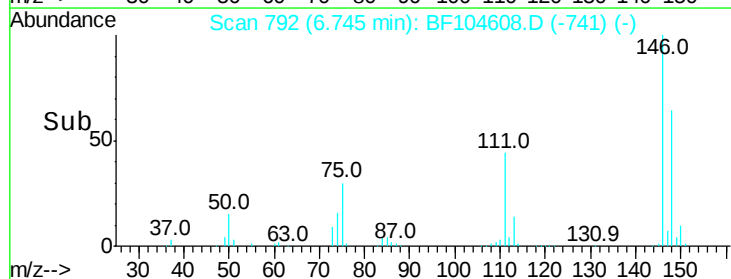
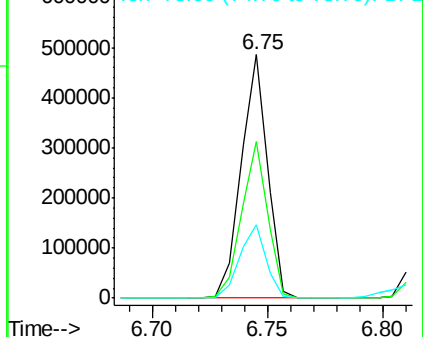
75 30.0 24.2 36.4

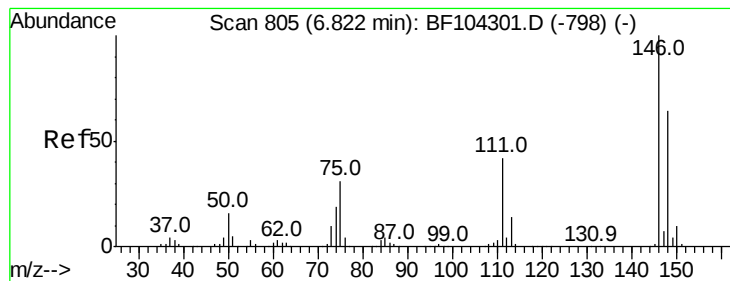


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.979 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

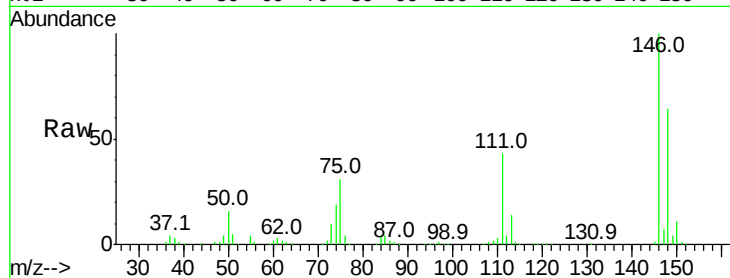
Tot Ion:146 Resp: 391118

Ion Ratio Lower Upper

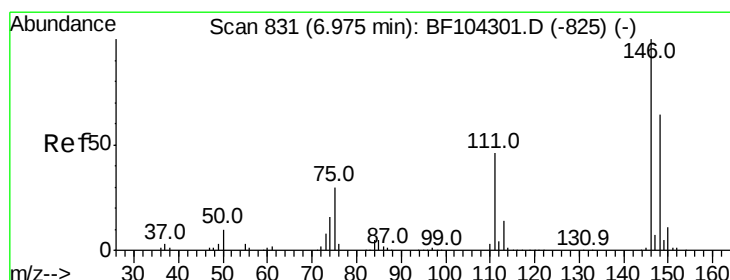
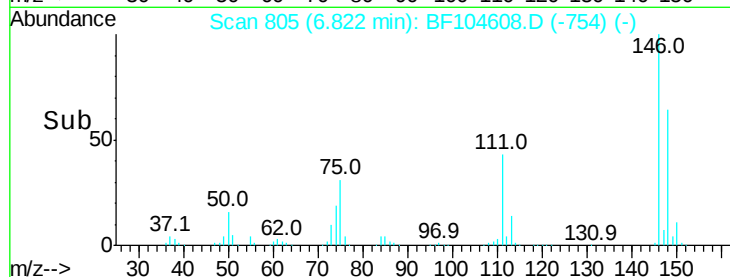
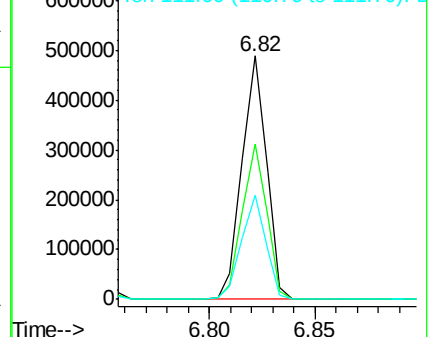
146 100

148 63.9 50.8 76.2

111 42.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 41.878 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

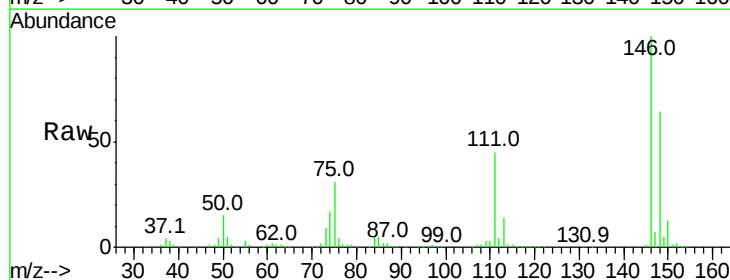
Tgt Ion:146 Resp: 361575

Ion Ratio Lower Upper

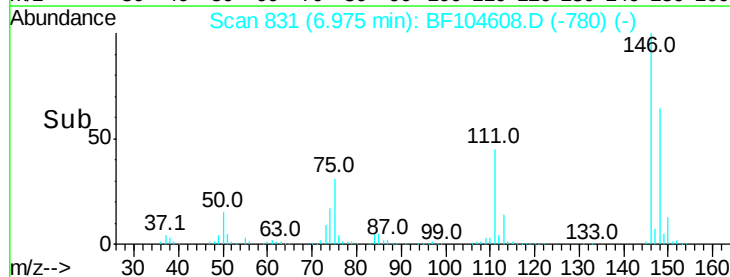
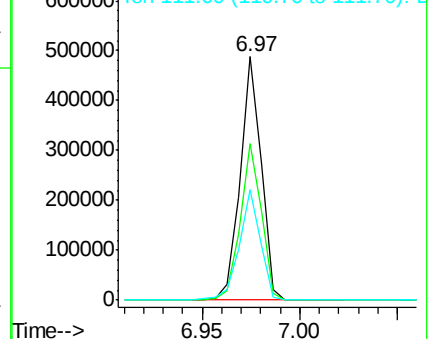
146 100

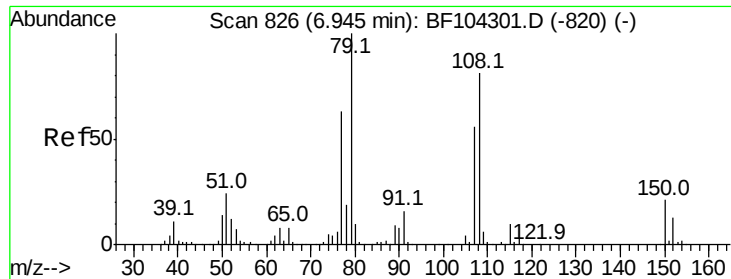
148 64.3 50.6 75.8

111 45.3 36.0 54.0



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

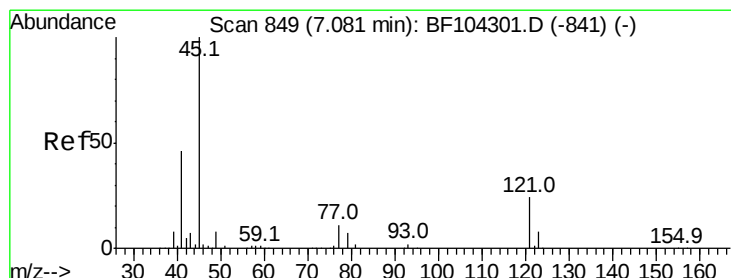
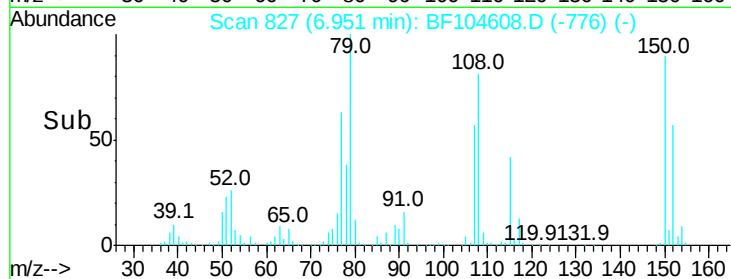
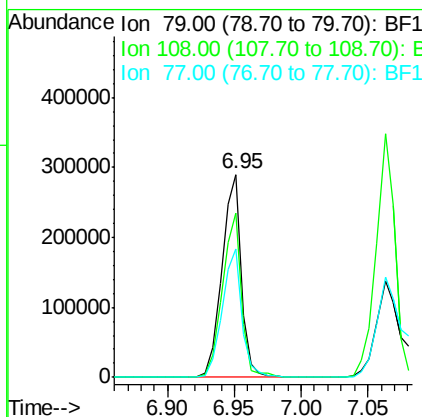
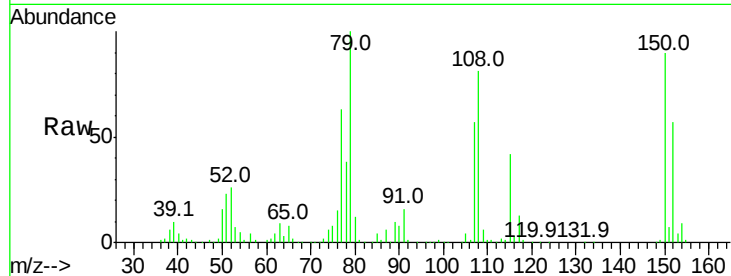




#15
Benzvl Alcohol
Concen: 40.909 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

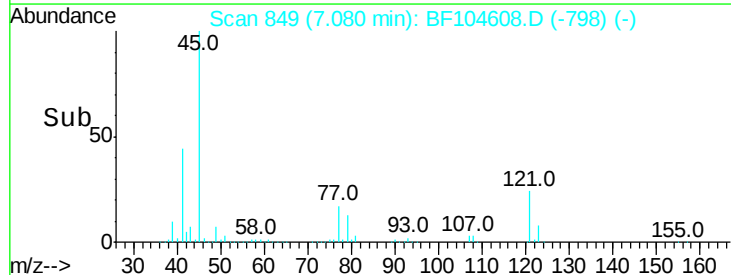
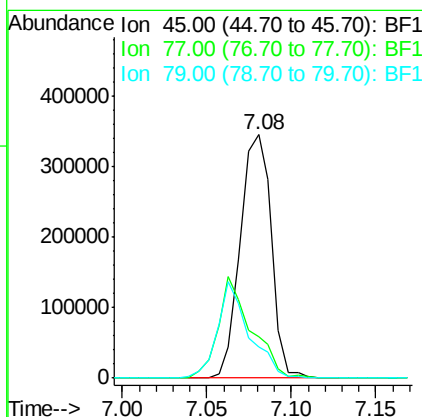
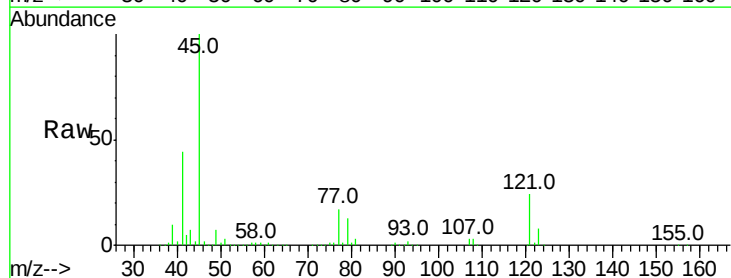
Instrument :
BNA_F
ClientSampled :

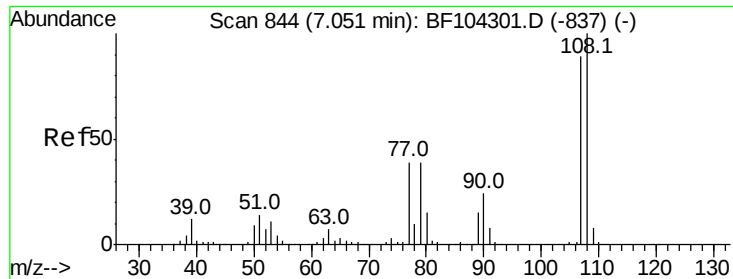
Tot Ion: 79 Resp: 298414
Ion Ratio Lower Upper
79 100
108 80.7 65.1 97.7
77 63.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.650 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion: 45 Resp: 443927
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.9
79 13.0 0.0 29.6

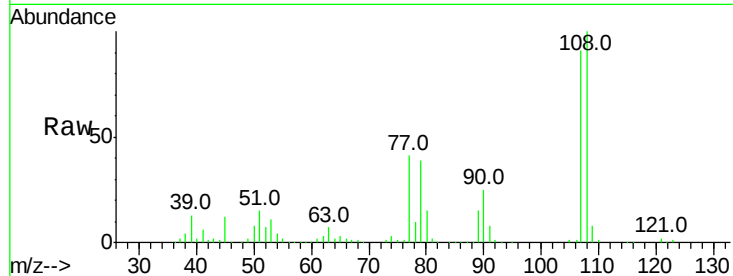




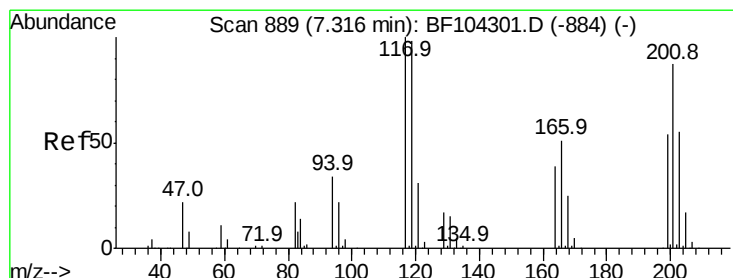
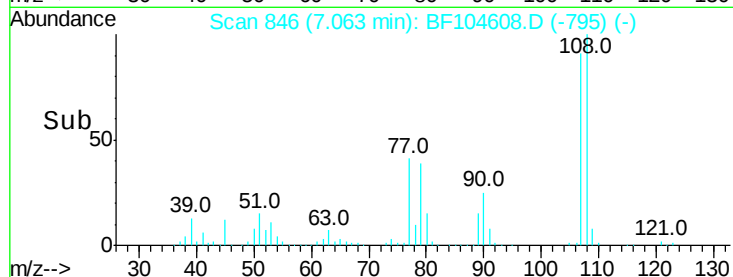
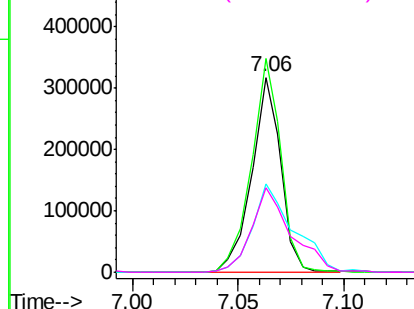
#17
2-Methylphenol
Concen: 42.276 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 303185
Ion Ratio Lower Upper
107 100
108 109.7 91.7 137.5
77 45.3 33.8 50.8
79 43.2 33.8 50.8

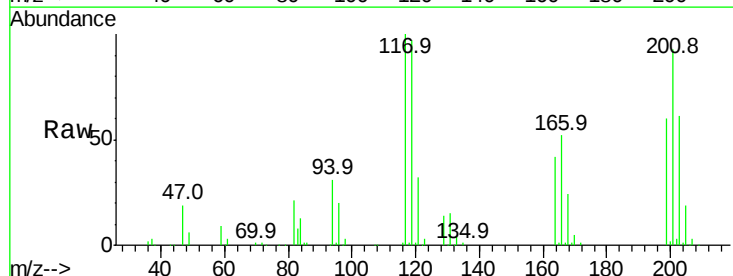


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

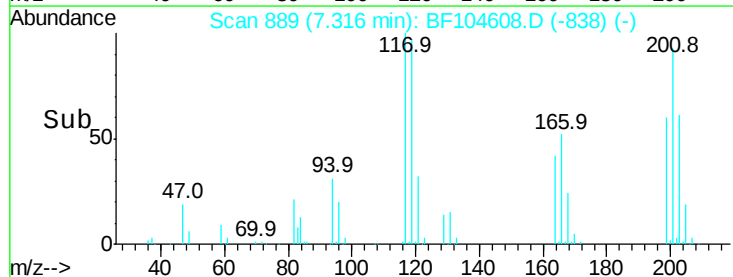
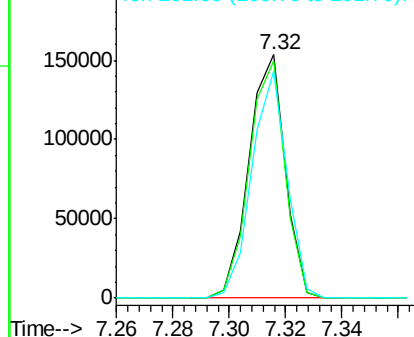


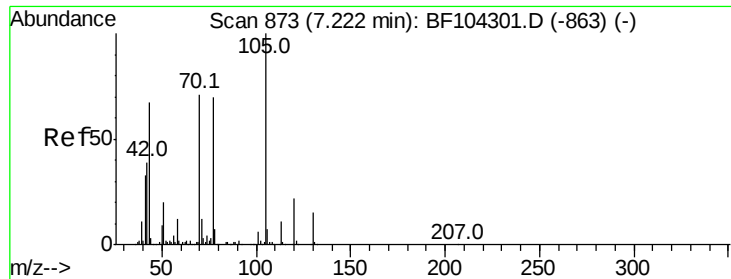
#18
Hexachloroethane
Concen: 41.153 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:117 Resp: 136705
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 93.1 75.7 113.5



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

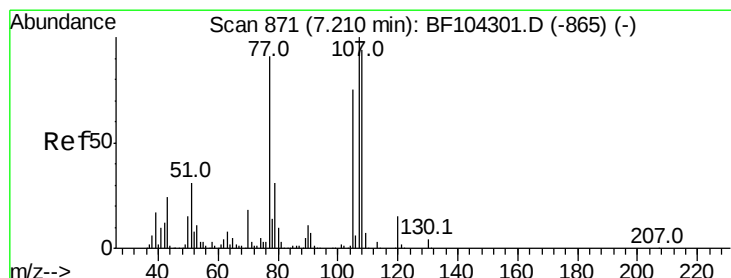
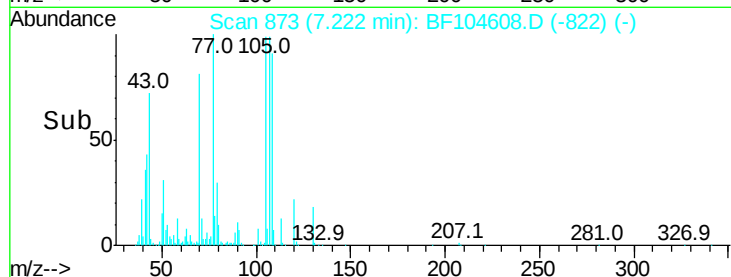
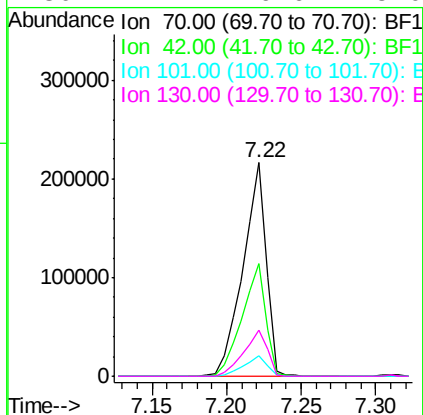
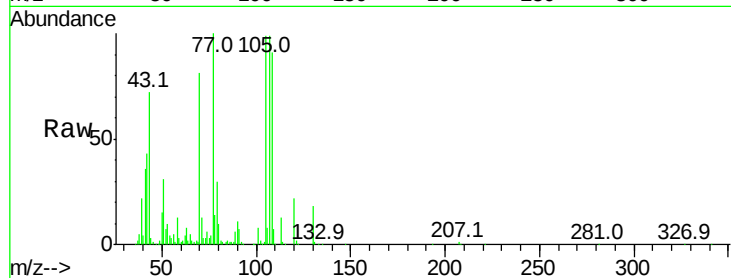




#19
n-Nitroso-di-n-propylamine
Concen: 37.228 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

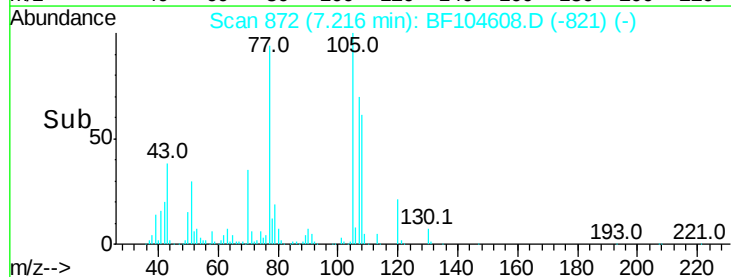
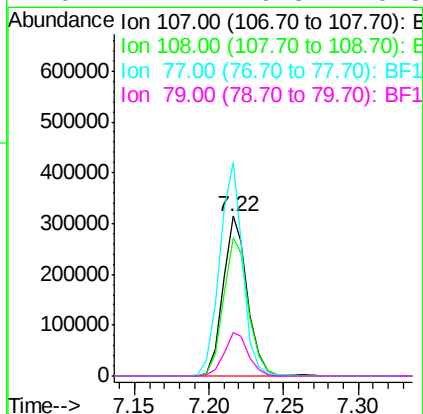
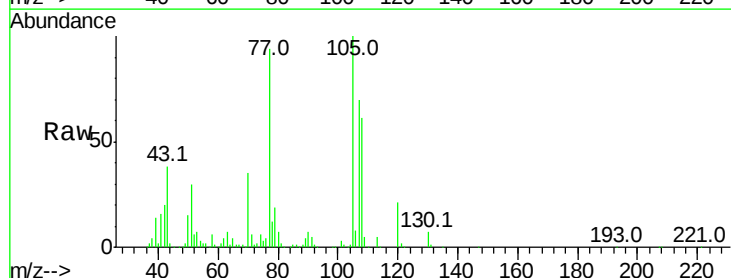
Instrument :
BNA_F
ClientSampleId :

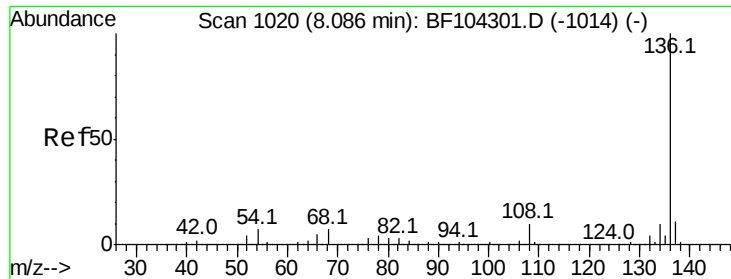
Tot Ion: 70 Resp: 233636
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 9.3 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.161 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:107 Resp: 357209
Ion Ratio Lower Upper
107 100
108 86.2 68.2 108.2
77 133.7 26.7 66.7#
79 27.1 6.3 46.3

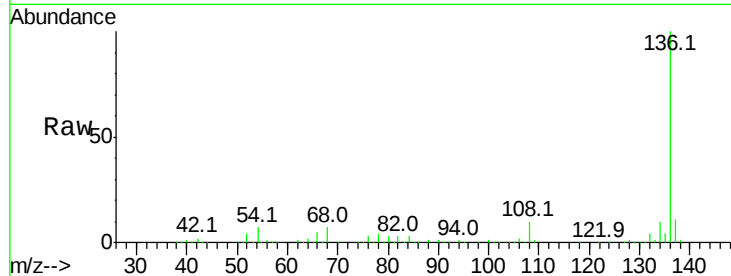




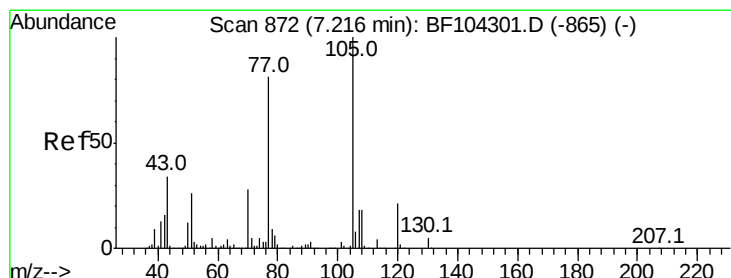
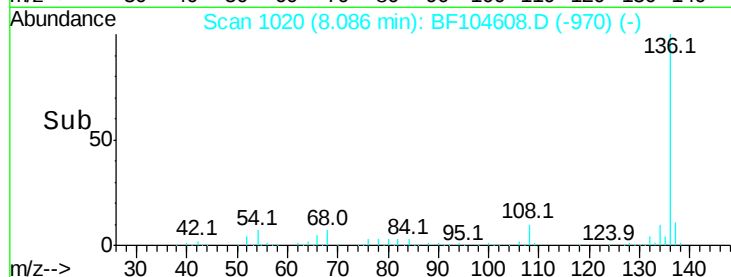
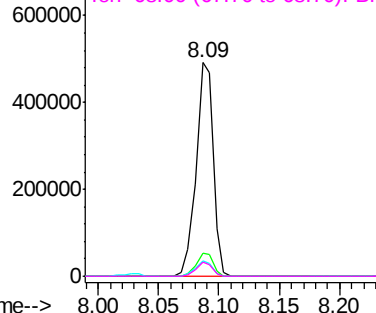
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	482421
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.2	6.6	9.8
68 6.7	5.0	7.4

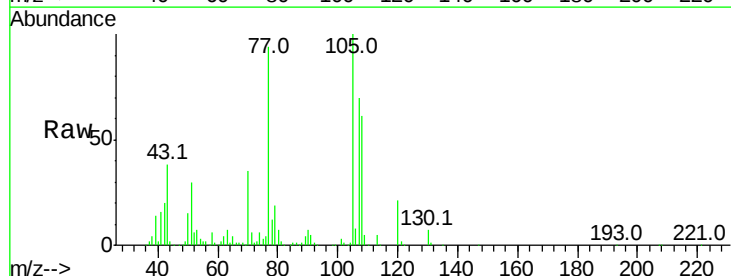


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

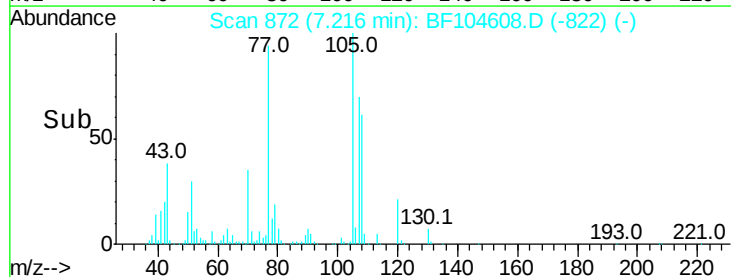
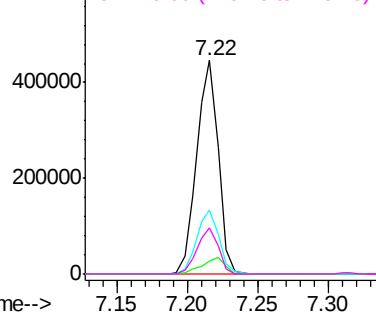


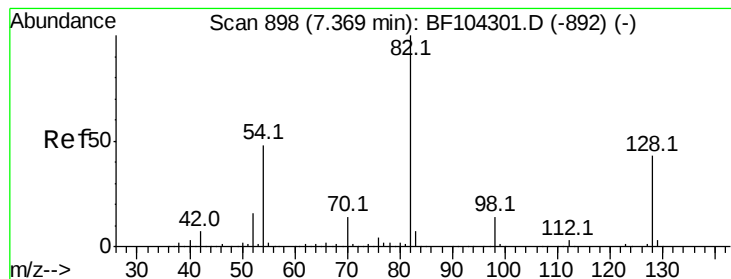
#22
Acetophenone
Concen: 39.736 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:105	Resp:	471942	
Ion Ratio	Lower	Upper	
105 100			
71 6.0	4.4	6.6	
51 30.0	22.3	33.5	
120 21.3	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: 99.531 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

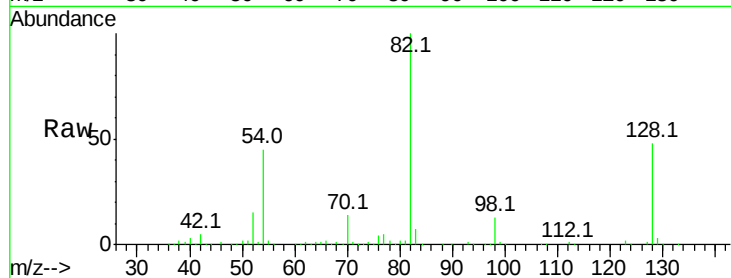
Tot Ion: 82 Resp: 735334

Ion Ratio Lower Upper

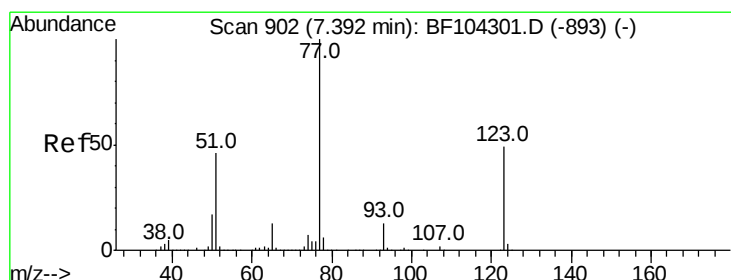
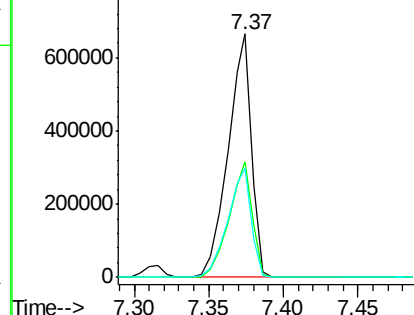
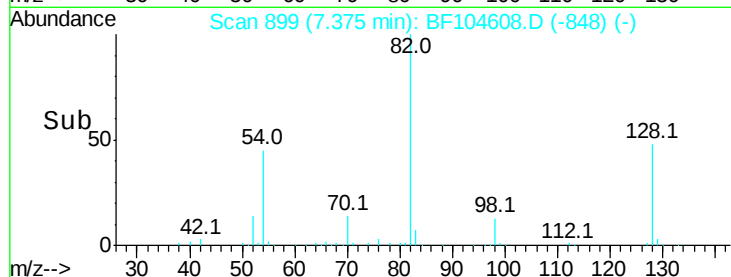
82 100

128 47.6 36.1 54.1

54 44.8 41.4 62.2



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



#24

Nitrobenzene

Concen: 45.983 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

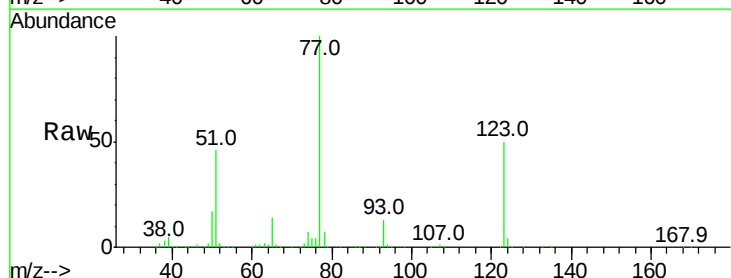
Tgt Ion: 77 Resp: 375078

Ion Ratio Lower Upper

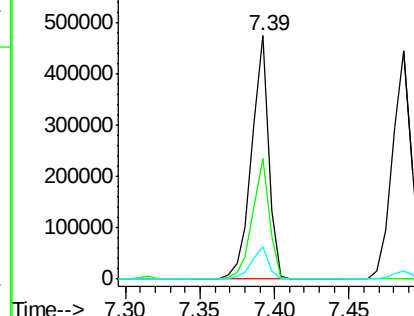
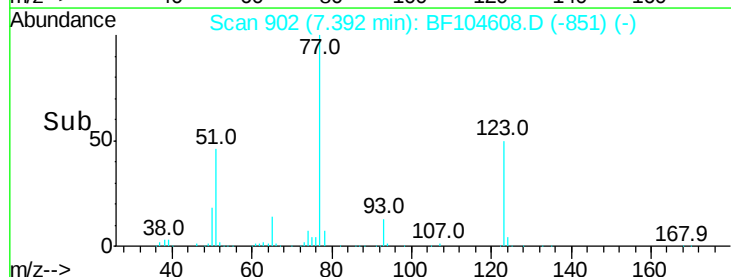
77 100

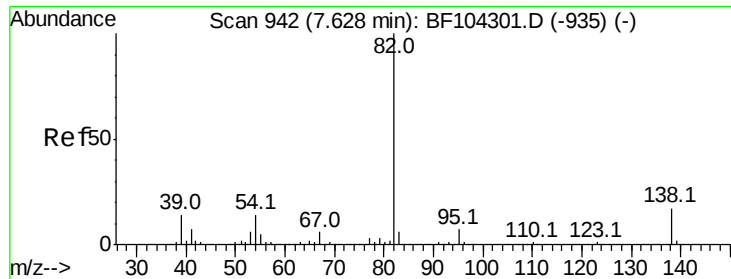
123 49.7 37.9 56.9

65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 43.576 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

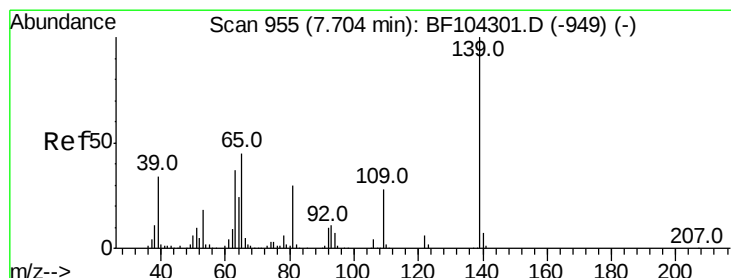
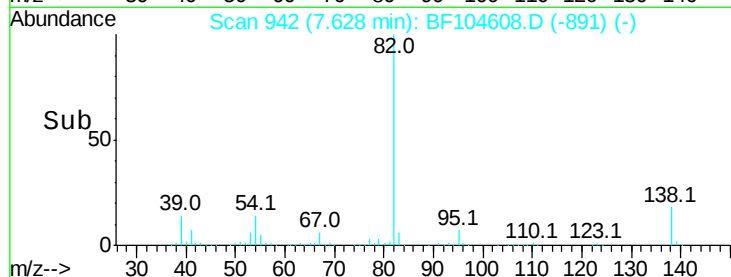
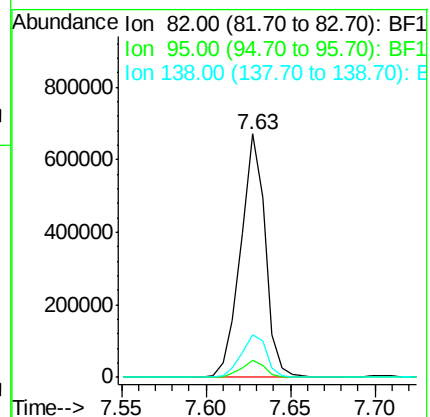
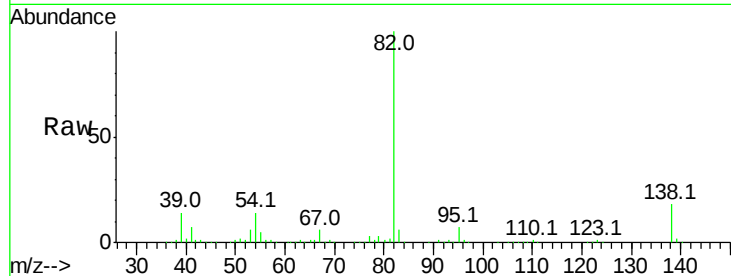
Tot Ion: 82 Resp: 680787

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 58.538 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

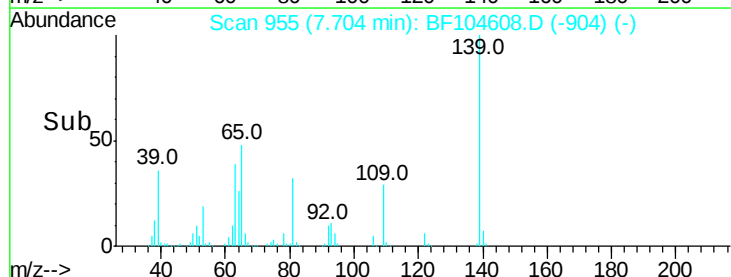
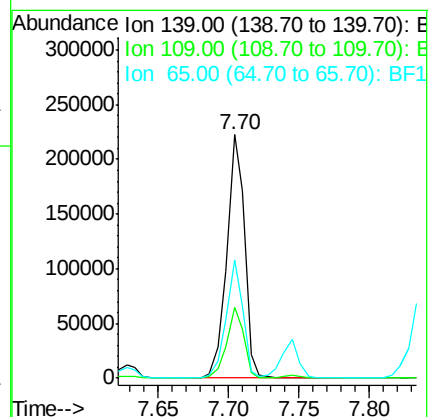
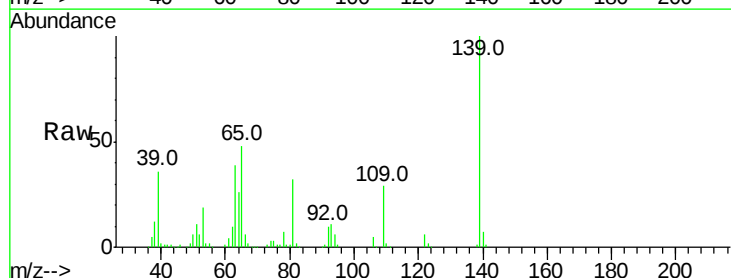
Tgt Ion:139 Resp: 194386

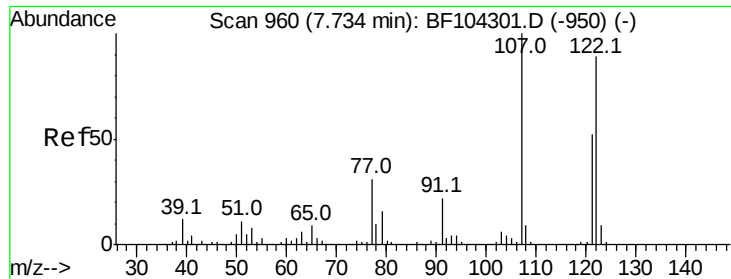
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 48.3 40.5 60.7

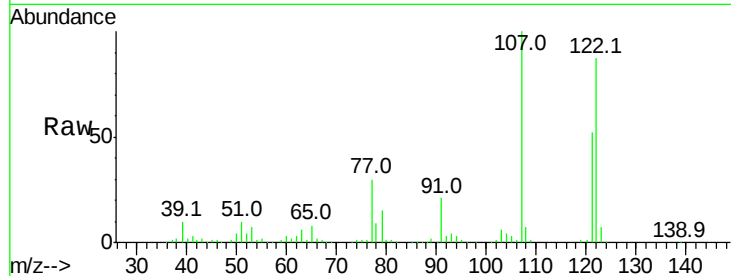




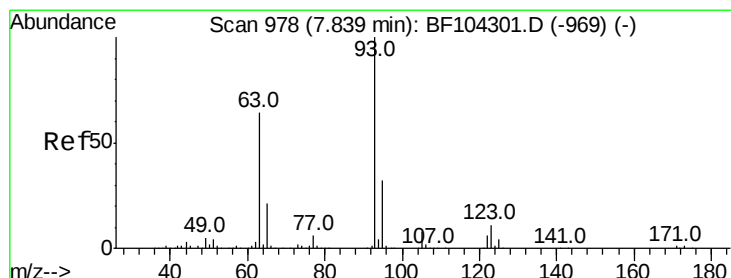
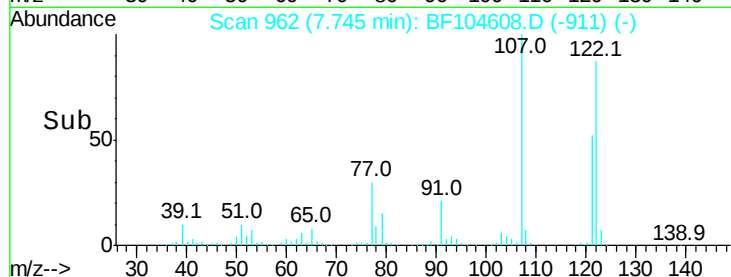
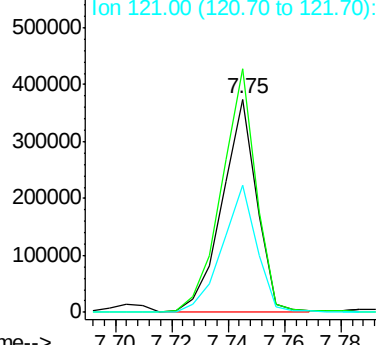
#27
 2,4-Dimethylphenol
 Concen: 46.285 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 319134
 Ion Ratio Lower Upper
 122 100
 107 114.3 91.2 136.8
 121 59.4 47.2 70.8

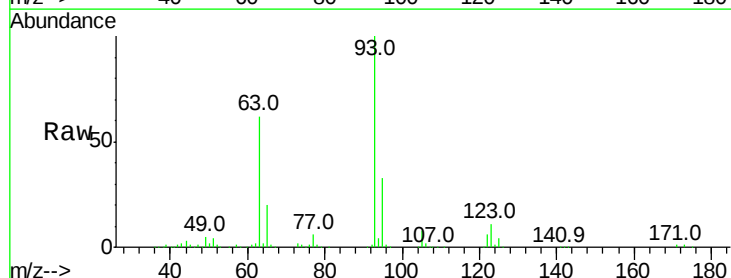


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

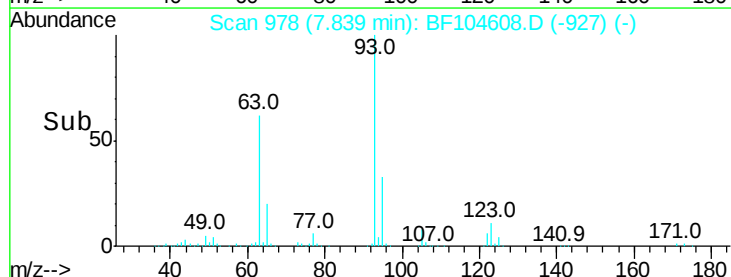
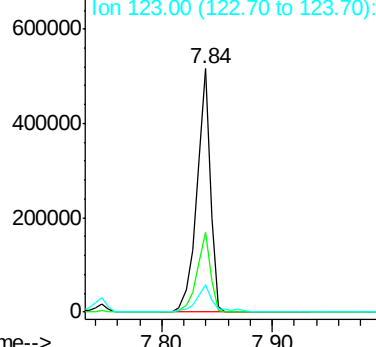


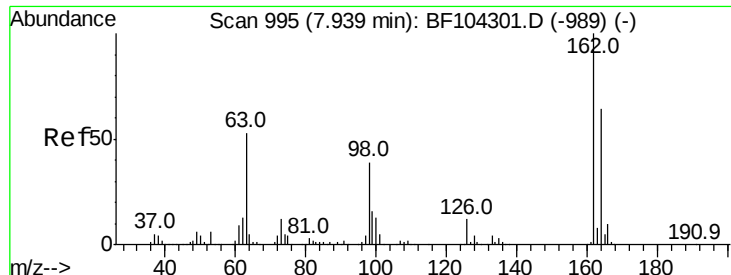
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.367 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion: 93 Resp: 442901
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.3 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: 45.211 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampled :

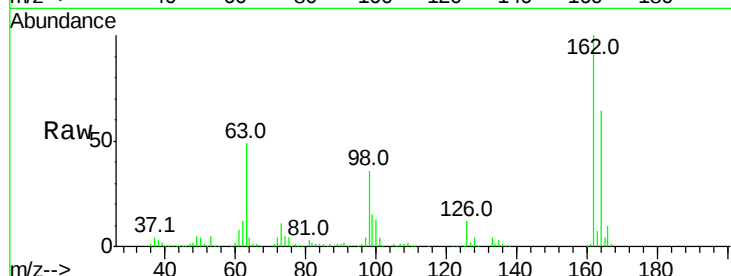
Tot Ion:162 Resp: 297430

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

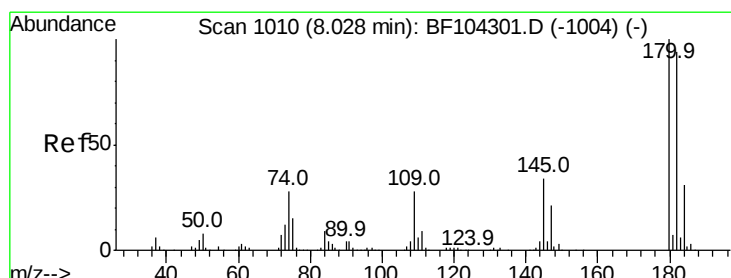
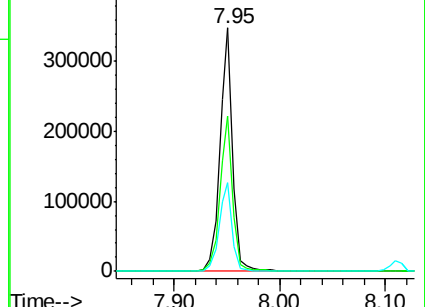
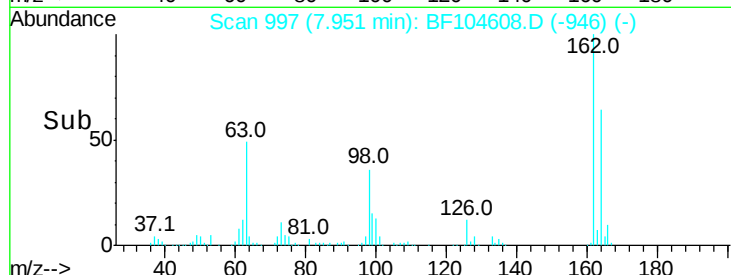
98 36.4 18.1 58.1



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: 42.332 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

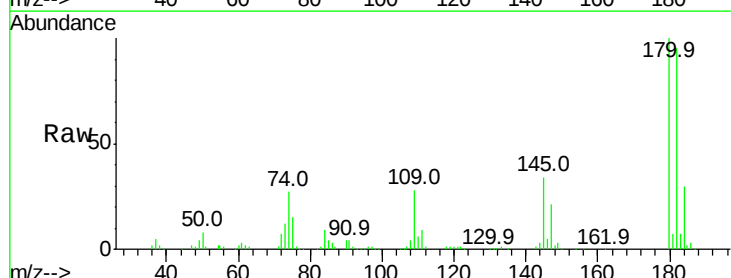
Tgt Ion:180 Resp: 305630

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

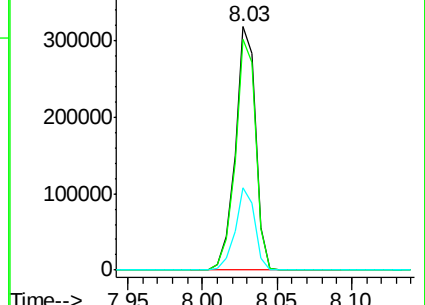
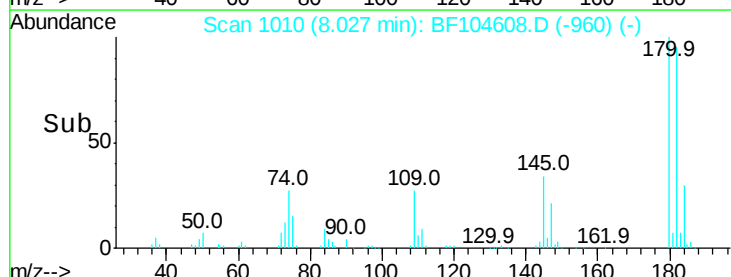
145 33.7 26.5 39.7

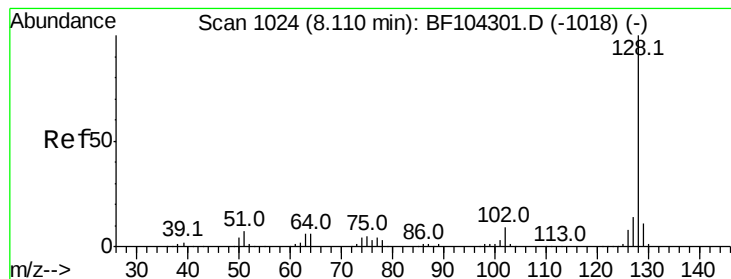


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.648 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampled :

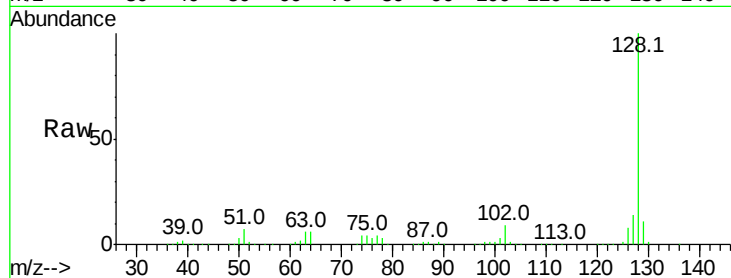
Tot Ion:128 Resp: 1024496

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

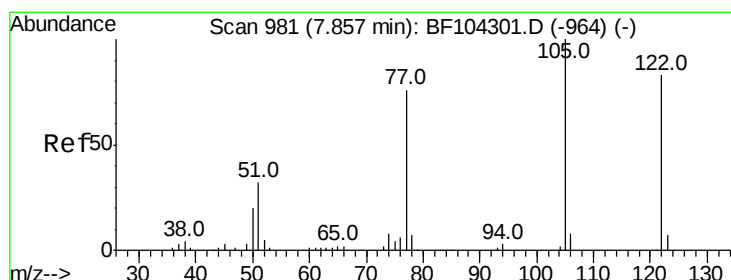
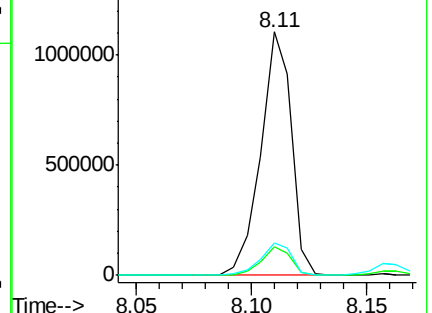
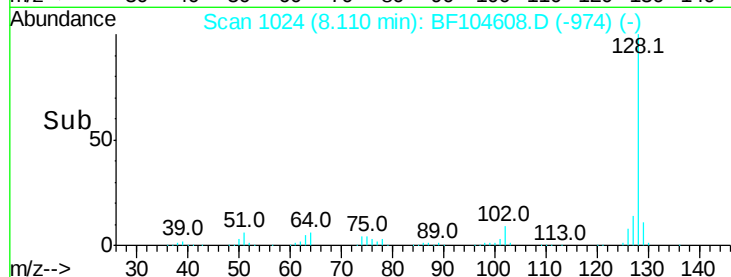
127 13.6 10.9 16.3



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: 38.754 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

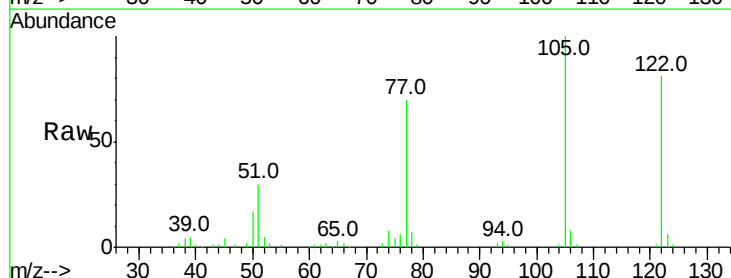
Tgt Ion:122 Resp: 213201

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

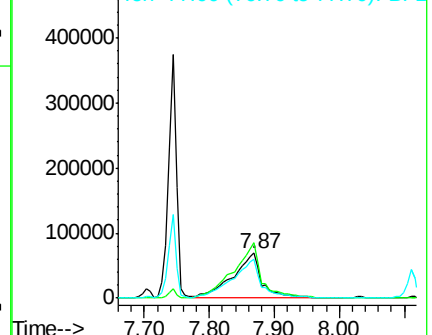
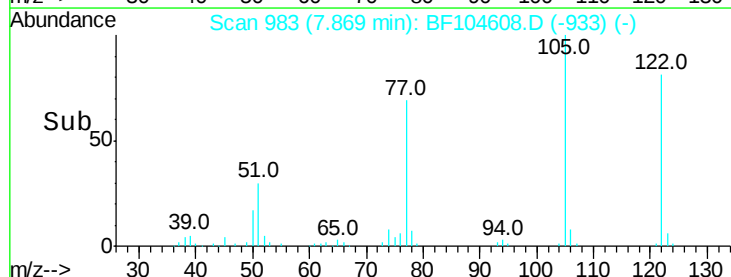
77 86.3 70.7 110.7

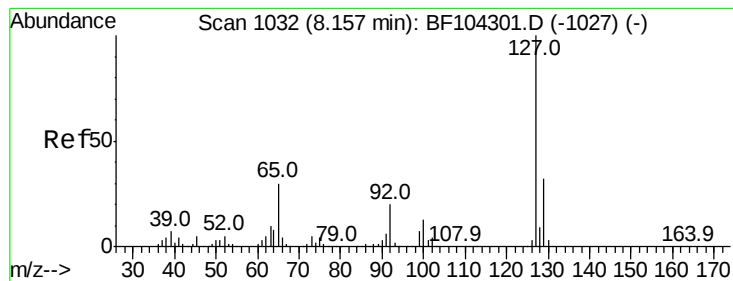


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.298 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 64818

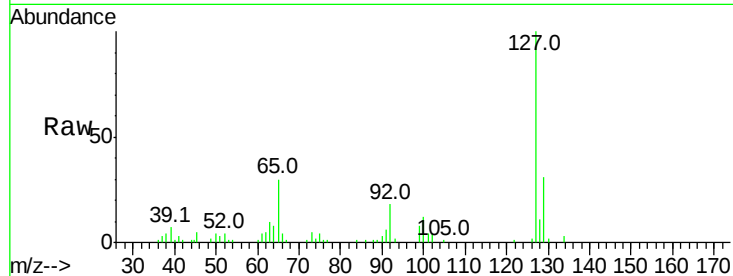
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 29.9 25.0 37.4

92 18.2 15.2 22.8

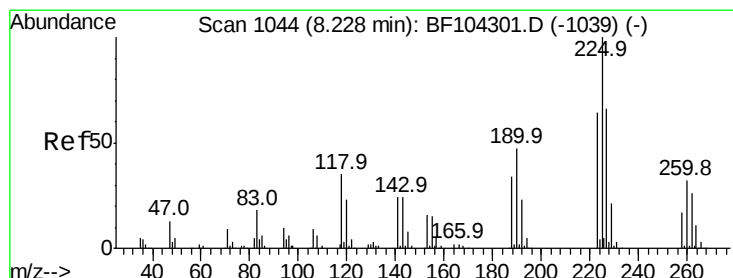
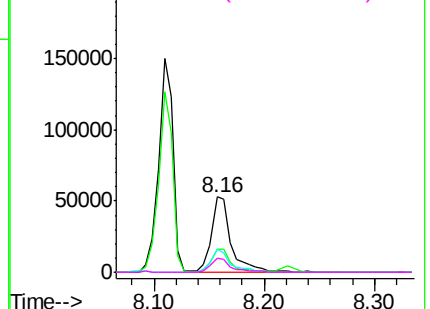
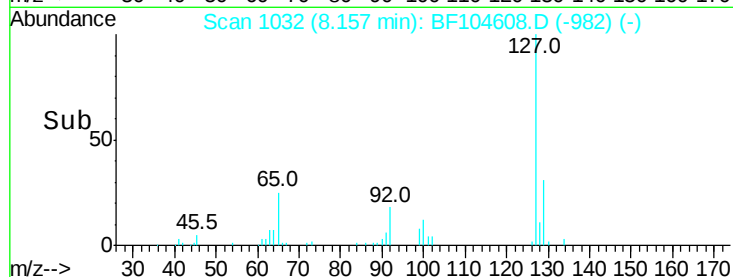


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.026 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

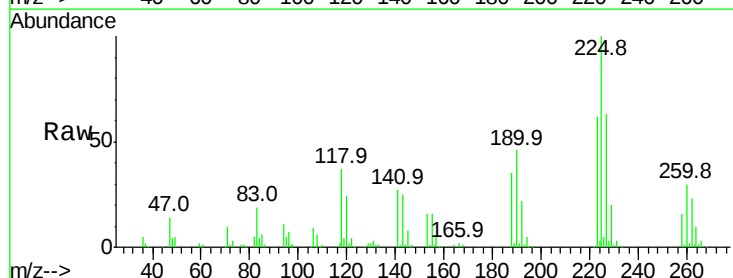
Tgt Ion:225 Resp: 166196

Ion Ratio Lower Upper

225 100

223 61.6 50.6 76.0

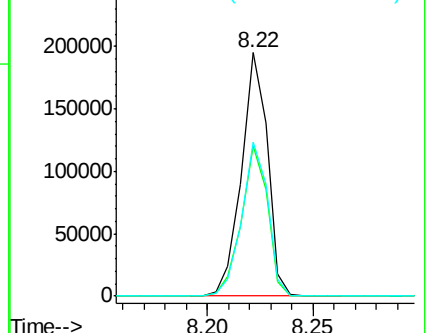
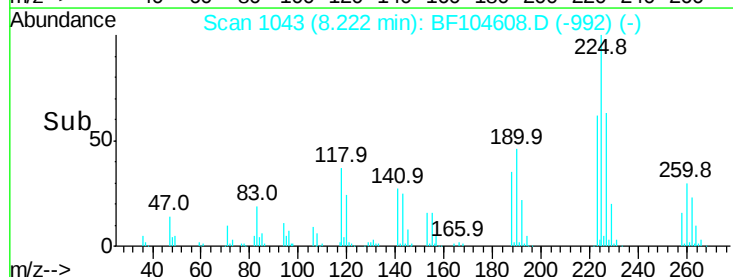
227 63.3 51.9 77.9

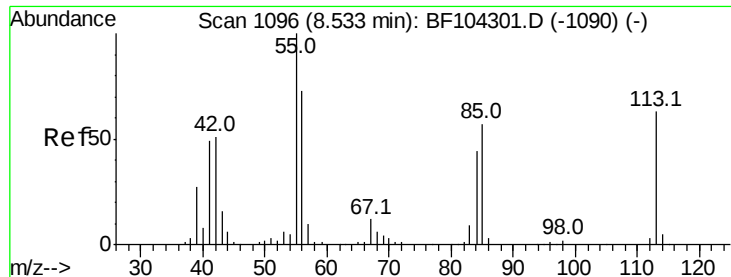


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.034 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

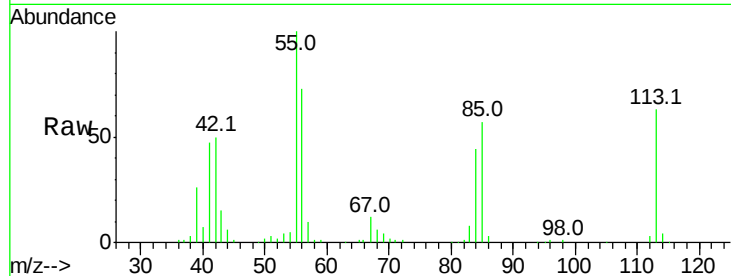
Tot Ion:113 Resp: 98763

Ion Ratio Lower Upper

113 100

55 158.3 163.3 203.3#

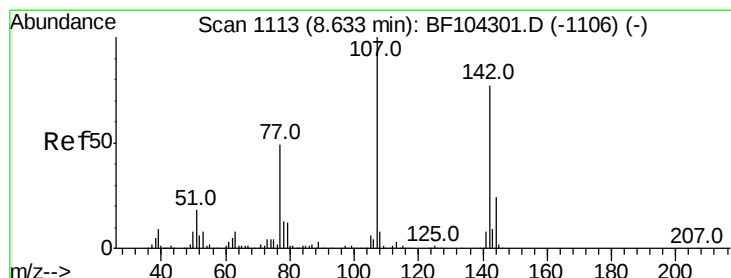
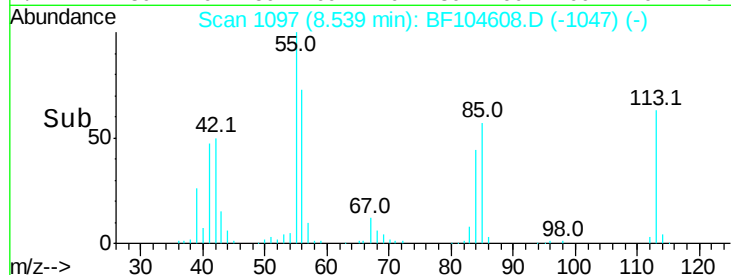
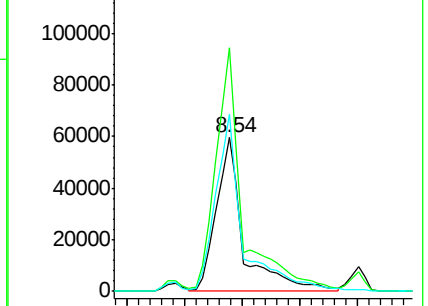
56 114.9 115.7 155.7#



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: 45.001 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

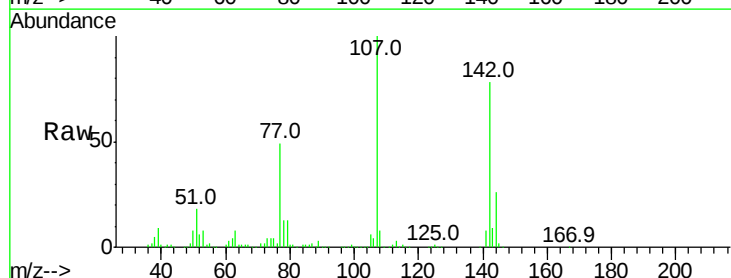
Tgt Ion:107 Resp: 317445

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

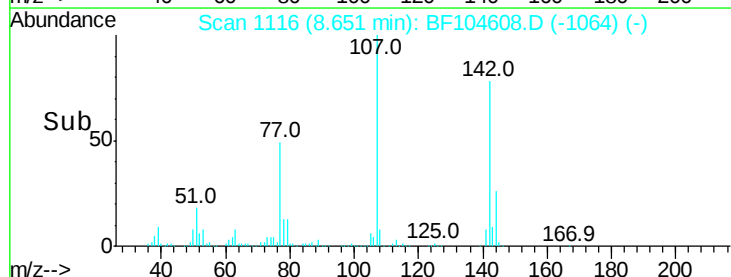
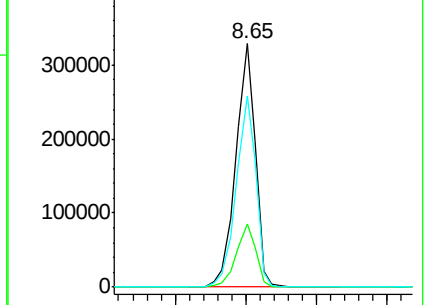
142 78.4 62.0 93.0

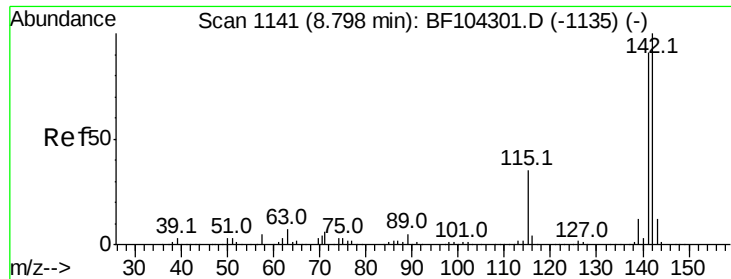


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

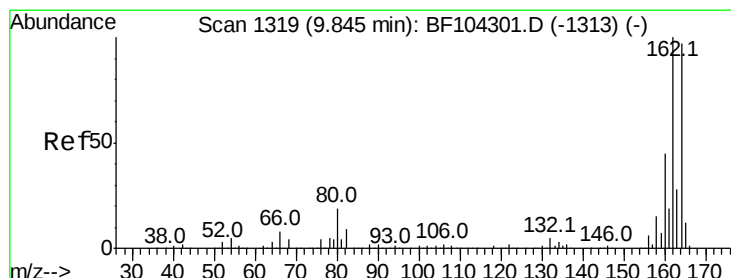
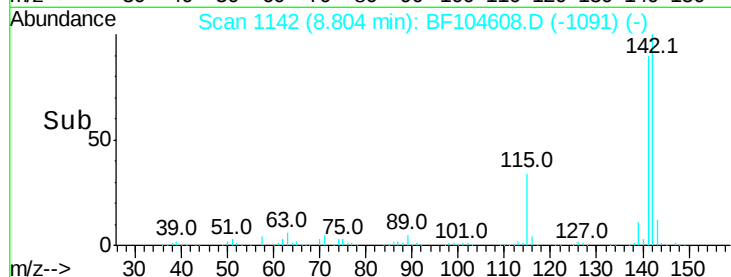
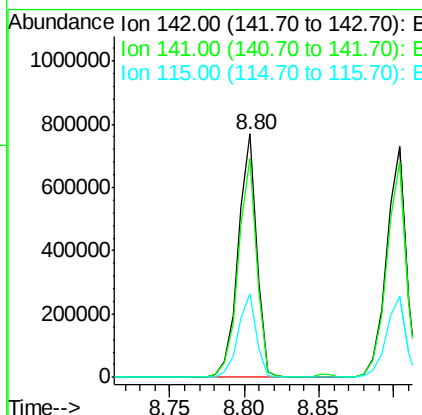
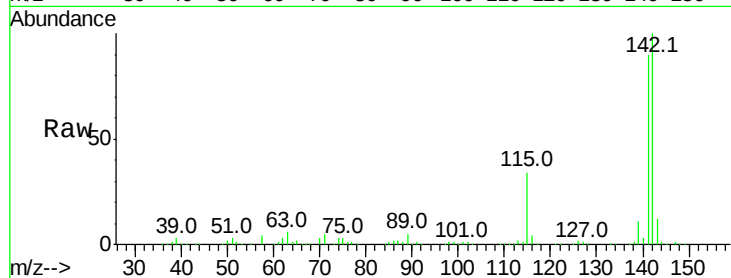




#37
 2-Methylnaphthalene
 Concen: 43.107 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

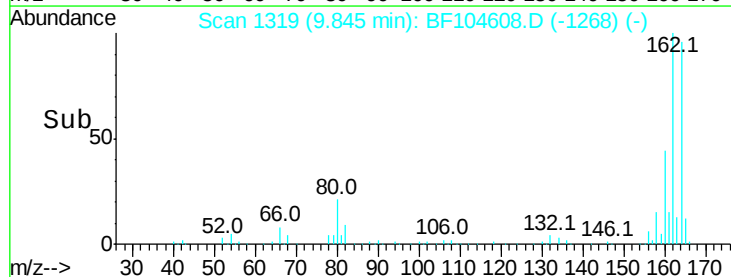
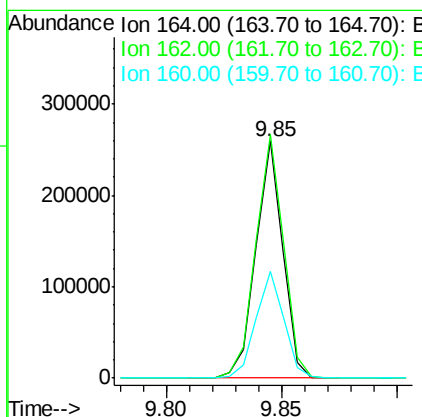
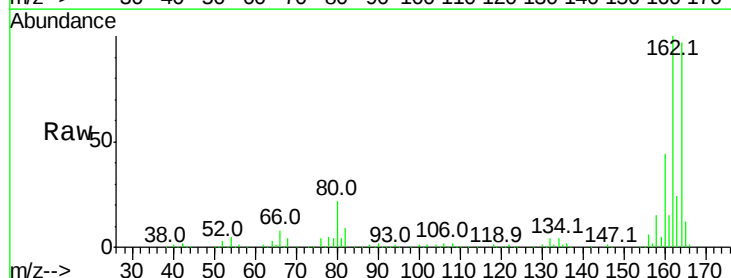
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.3	38.3	57.5

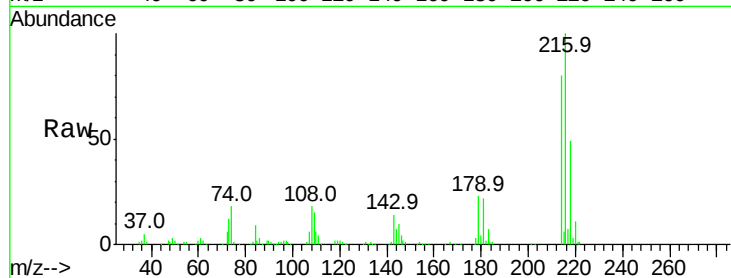




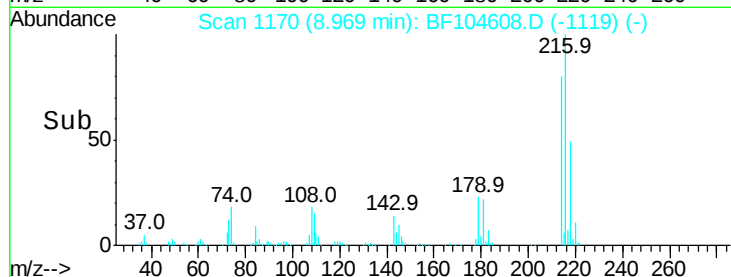
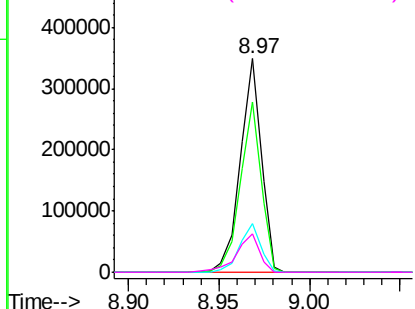
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.473 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	281370
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.7	18.1	27.1
108	20.2	17.2	25.8

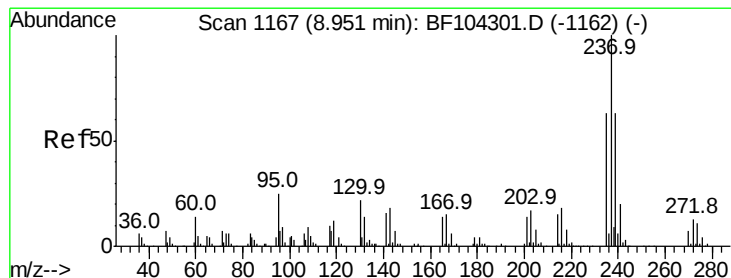


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

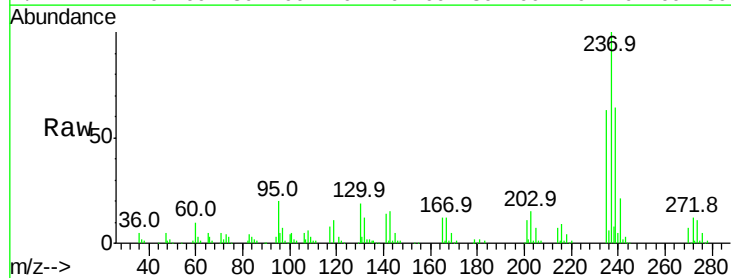
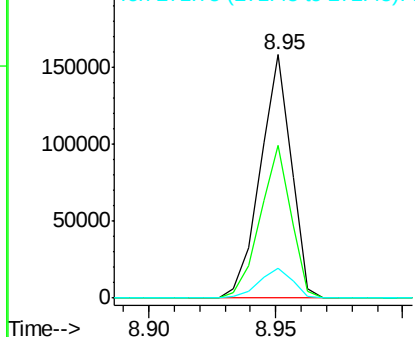


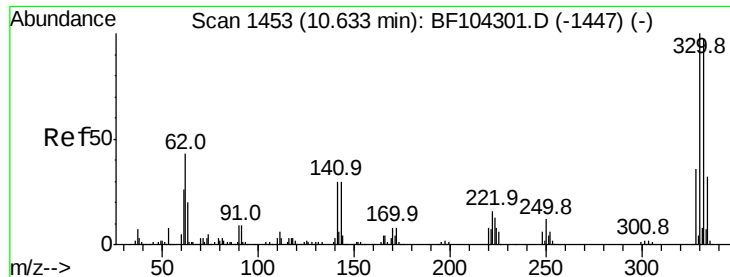
#40
 Hexachlorocyclopentadiene
 Concen: 39.870 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:	237	Resp:	135138
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.5	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

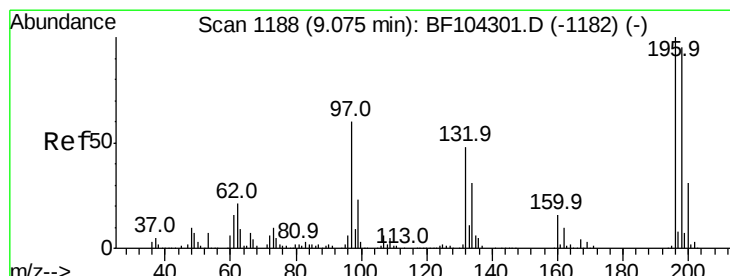
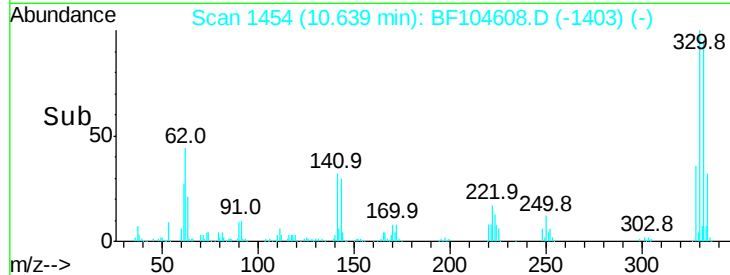
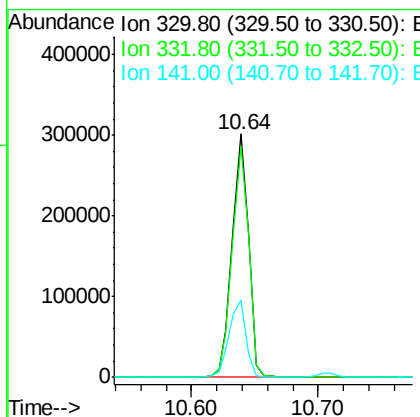
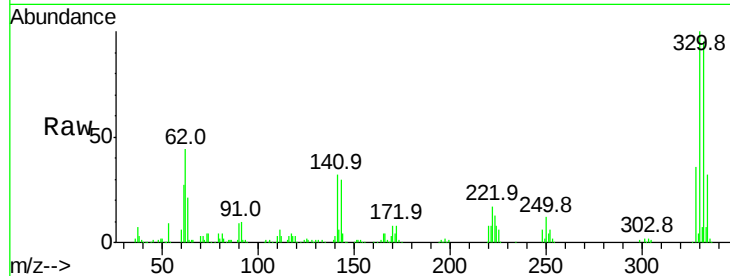




#41
 2,4,6-Tribromophenol
 Concen: 122.716 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

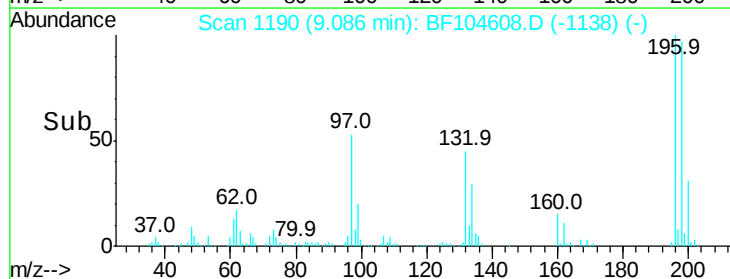
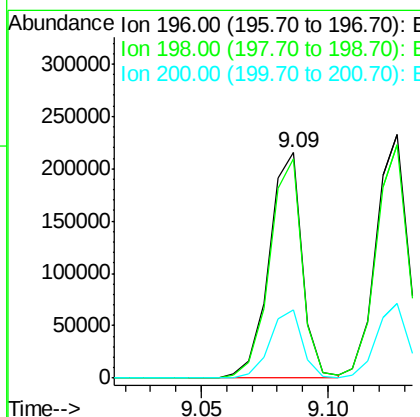
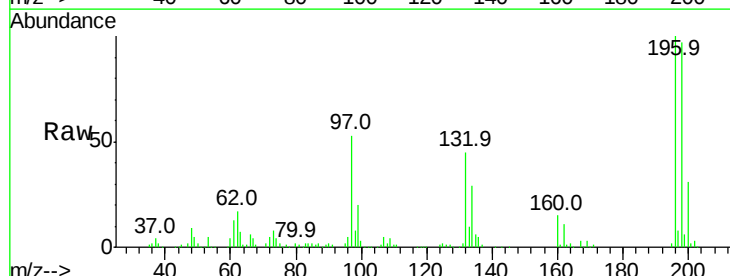
Instrument :
 BNA_F
 ClientSampleId :

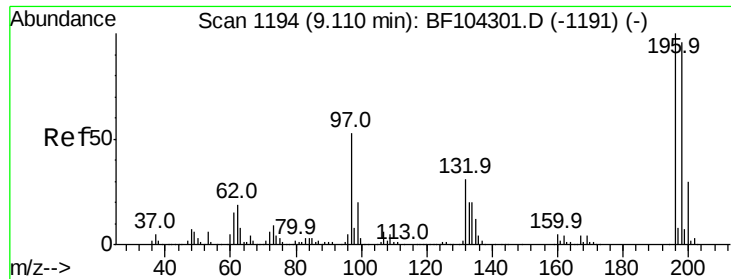
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.783 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
200	30.6	24.5	36.7

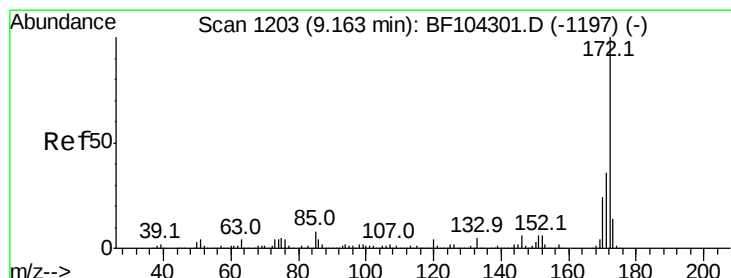
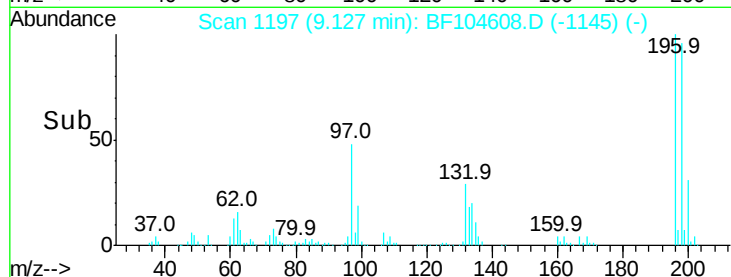
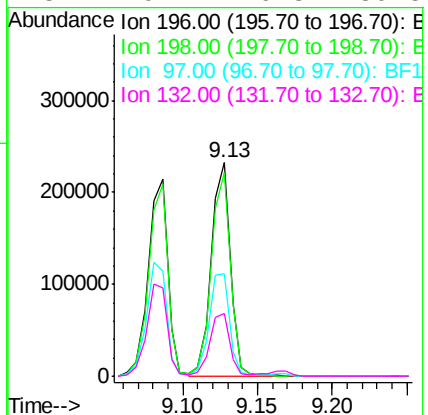
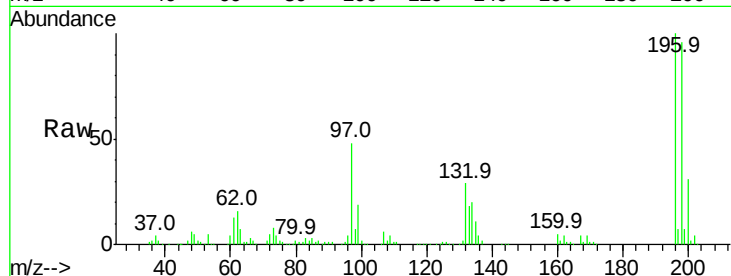




#43
 2,4,5-Trichlorophenol
 Concen: 44.184 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

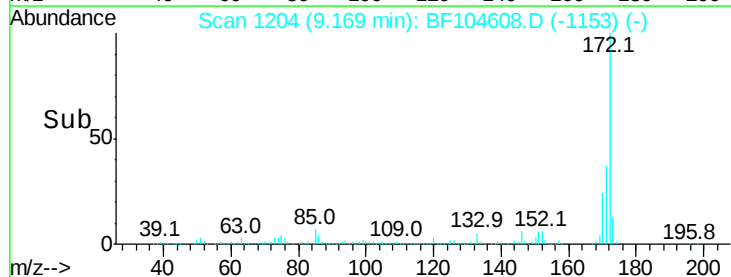
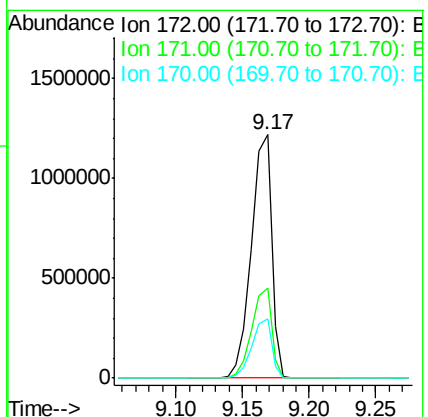
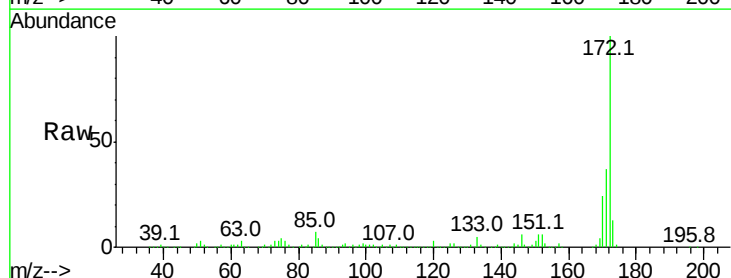
Instrument :
 BNA_F
 ClientSampleId :

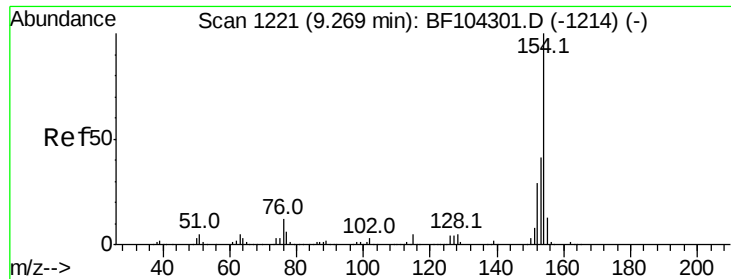
Tot Ion:196 Resp: 207808
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.6 112.0
 97 48.2 42.9 64.3
 132 29.1 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 94.581 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:172 Resp: 1266289
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4

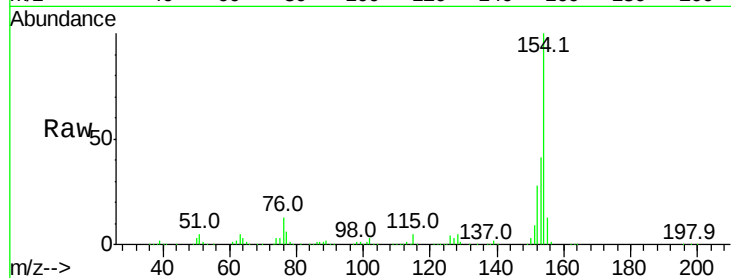




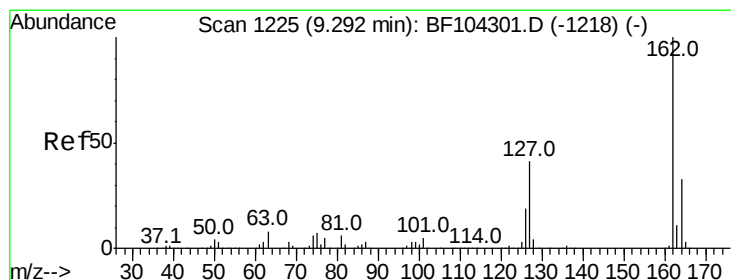
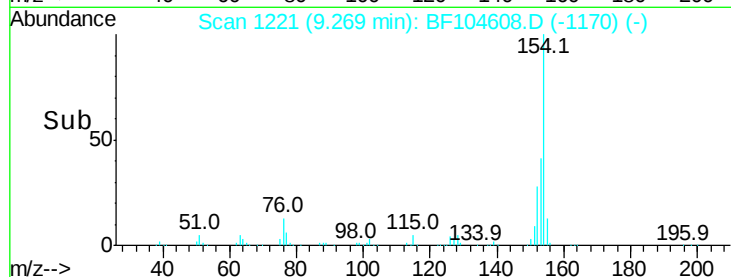
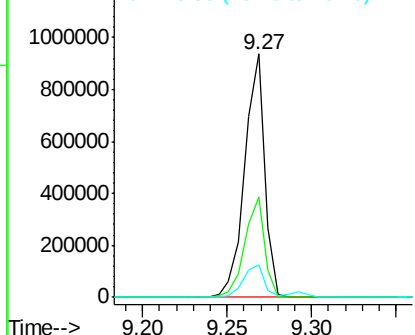
#45
 1,1'-Biphenyl
 Concen: 43.726 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 776913
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 13.2 0.0 34.0

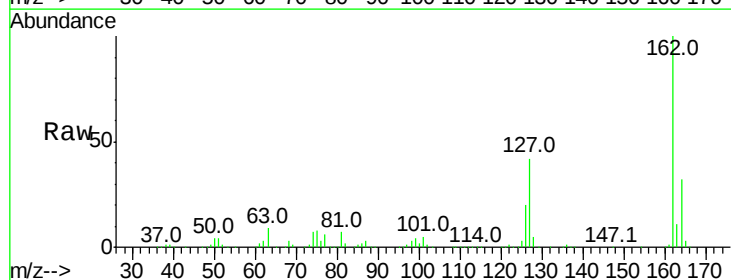


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

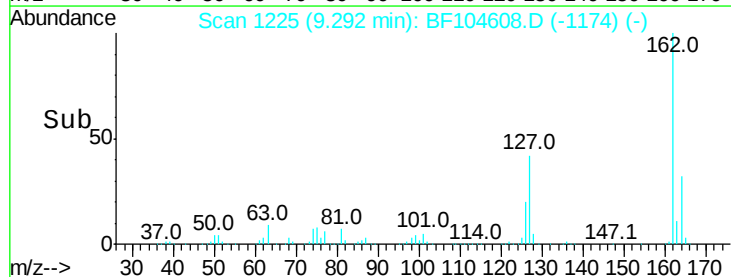
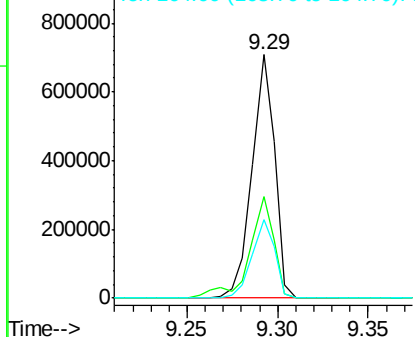


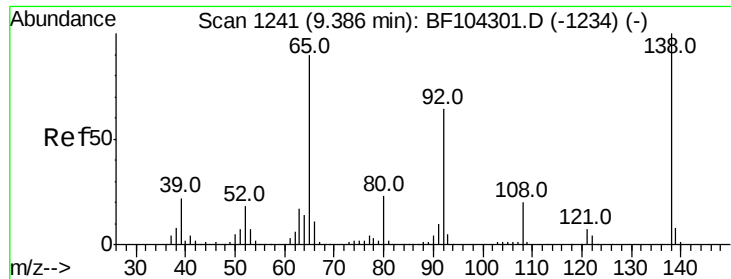
#46
 2-Chloronaphthalene
 Concen: 43.922 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:162 Resp: 616417
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.3 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: 53.631 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

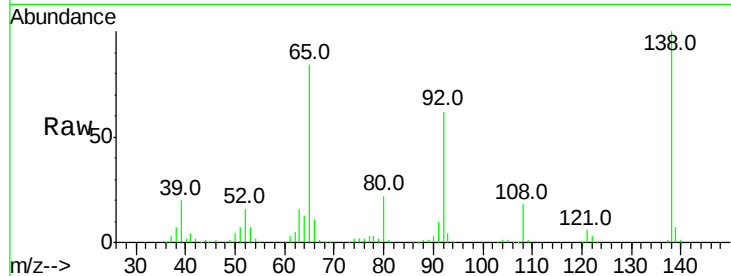
Tot Ion: 65 Resp: 186136

Ion Ratio Lower Upper

65 100

92 73.7 55.8 83.6

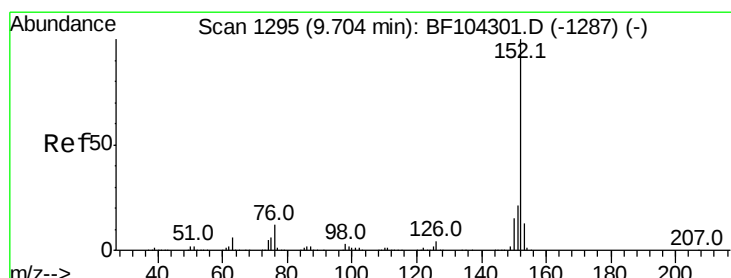
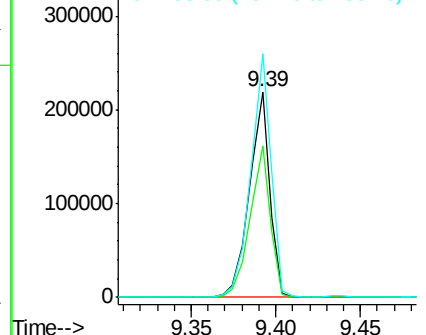
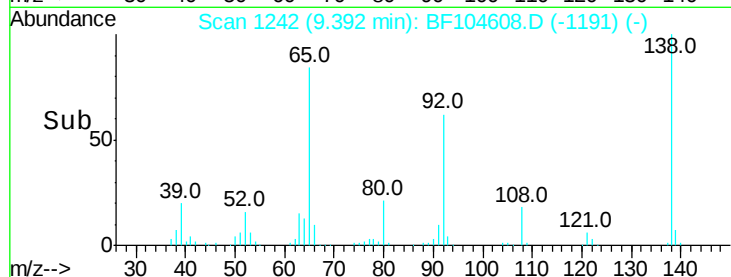
138 118.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 41.570 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

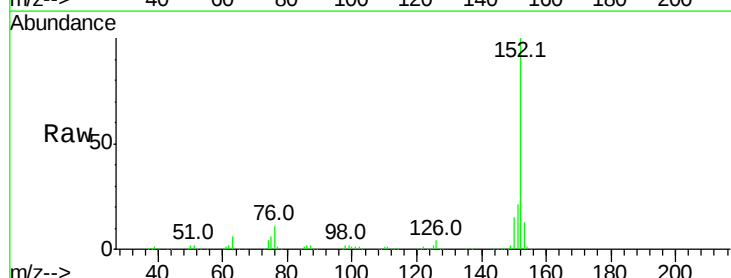
Tgt Ion:152 Resp: 915351

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

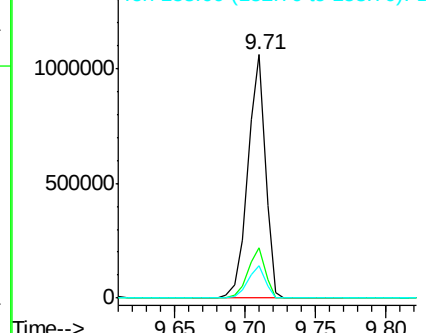
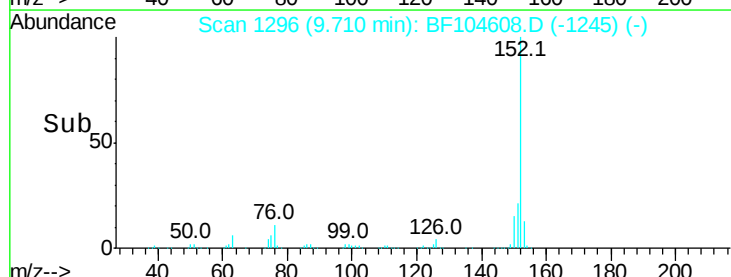
153 13.3 10.7 16.1

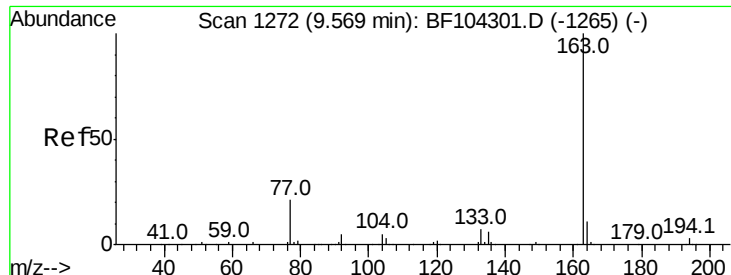


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

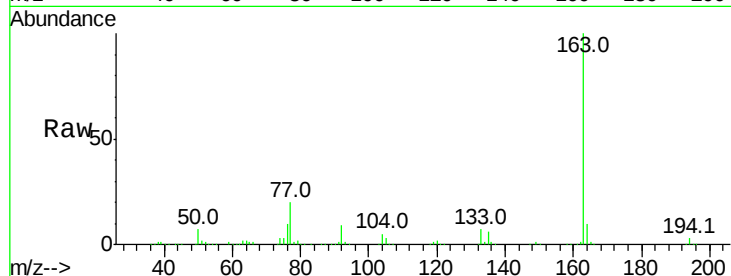




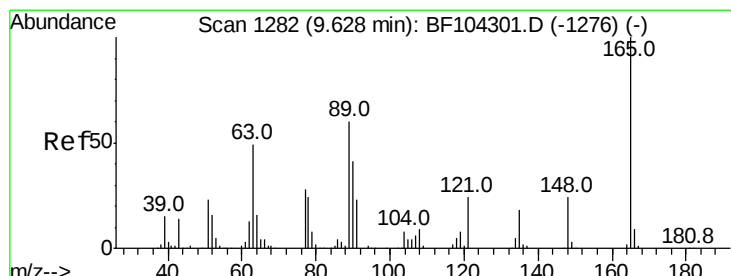
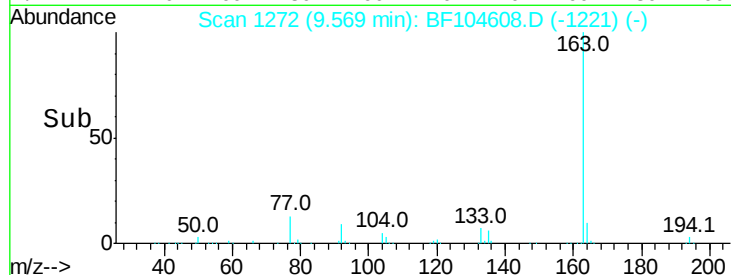
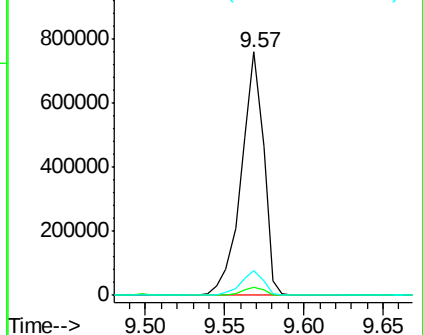
#49
Dimethylphthalate
Concen: 44.277 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 738490
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

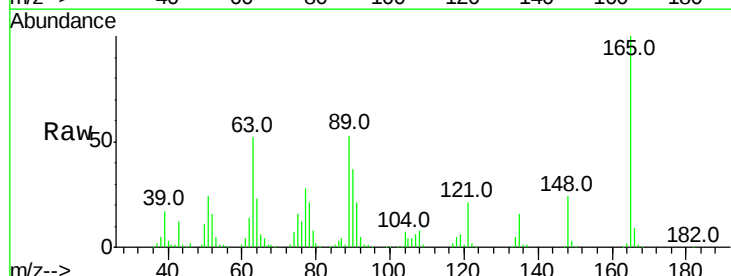


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

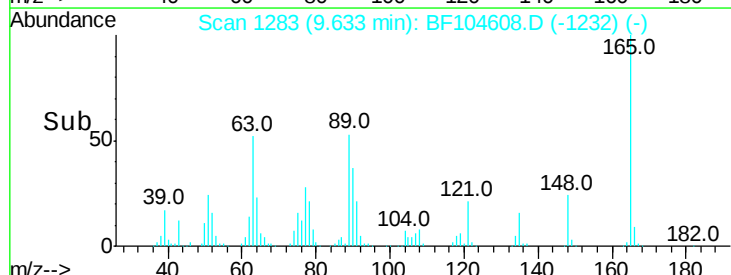
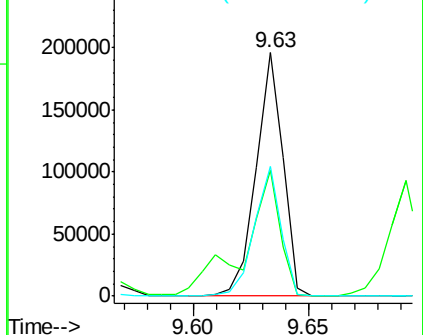


#50
2,6-Dinitrotoluene
Concen: 52.015 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:165 Resp: 160530
Ion Ratio Lower Upper
165 100
63 51.6 44.7 67.1
89 53.2 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

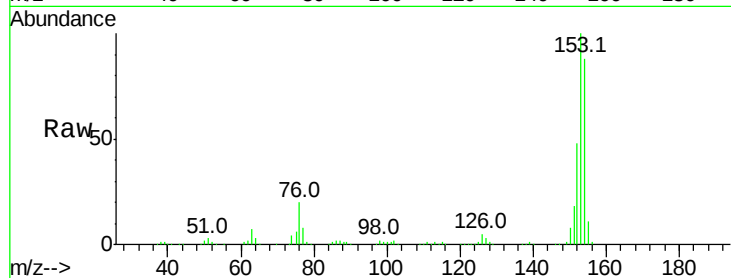




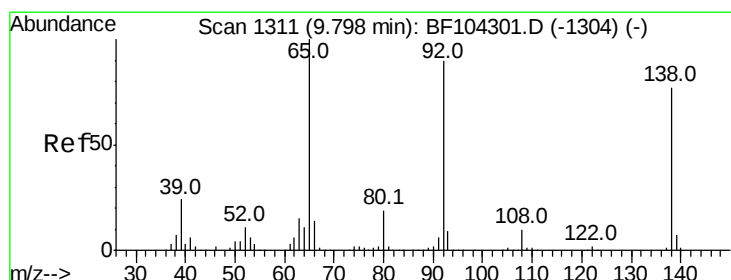
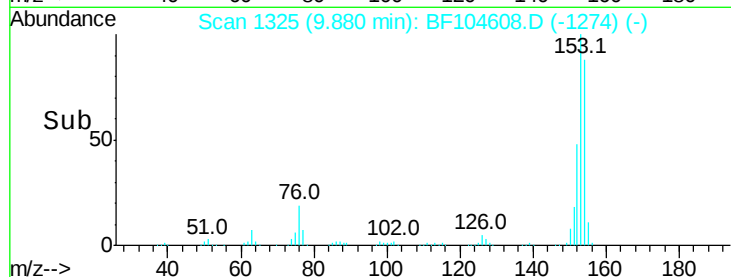
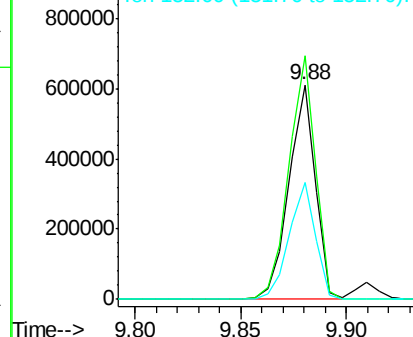
#51
Acenaphthene
Concen: 39.791 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 534581
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 54.4 43.8 65.8

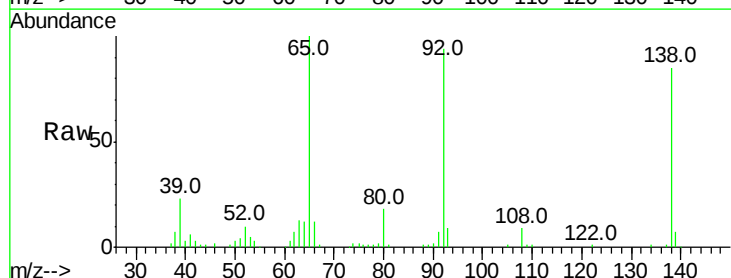


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

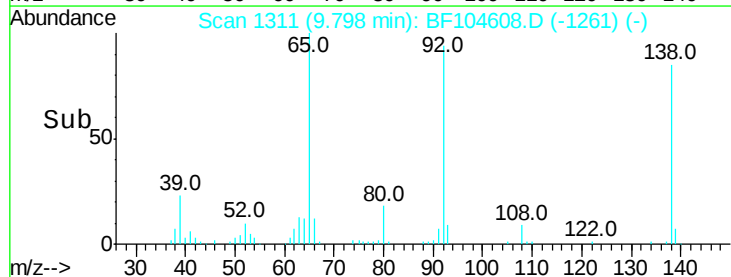
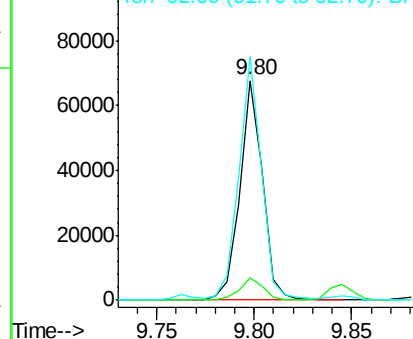


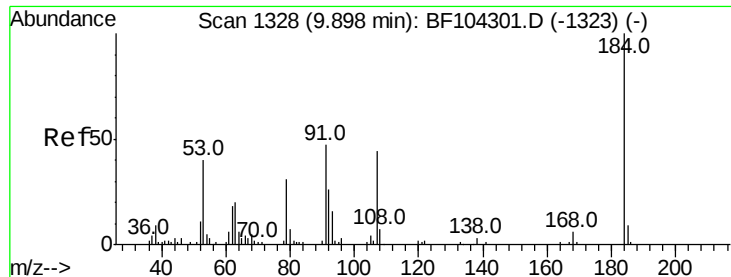
#52
3-Nitroaniline
Concen: 15.105 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:138 Resp: 54575
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 110.8 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

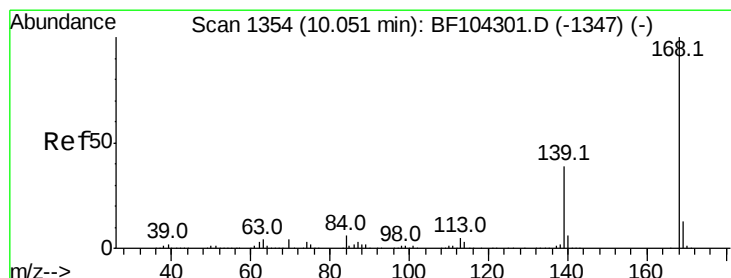
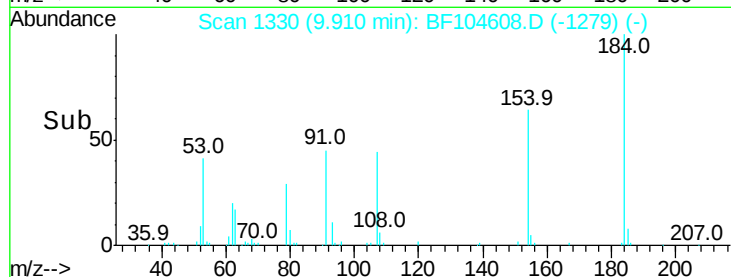
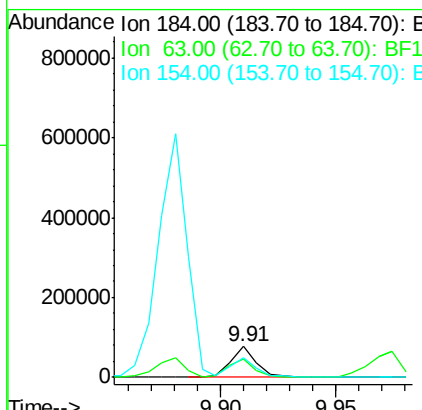
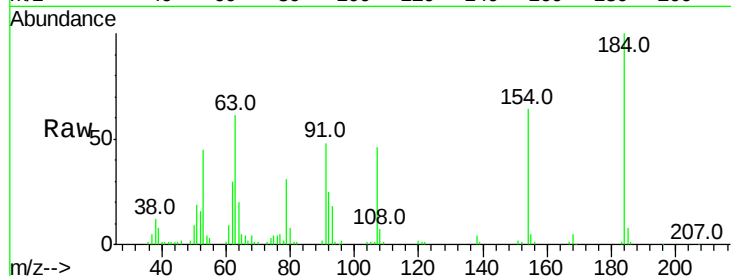




#53
 2,4-Dinitrophenol
 Concen: 56.596 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

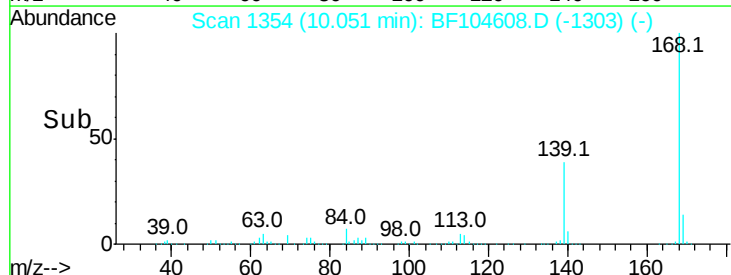
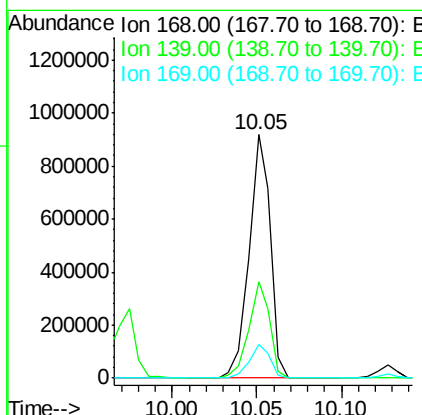
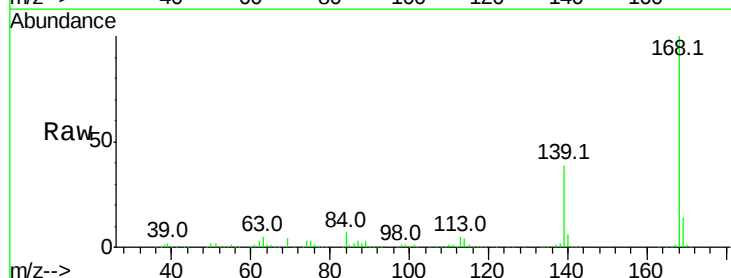
Instrument :
 BNA_F
 ClientSampleId :

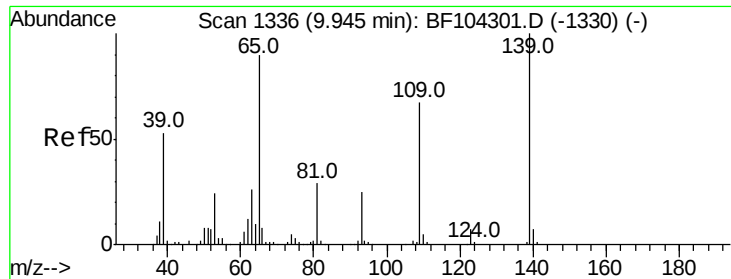
Tot Ion:184 Resp: 61708
 Ion Ratio Lower Upper
 184 100
 63 60.7 54.2 81.2
 154 64.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.178 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:168 Resp: 808405
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.7 10.9 16.3

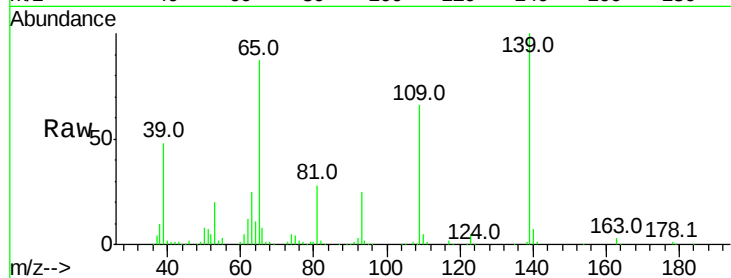




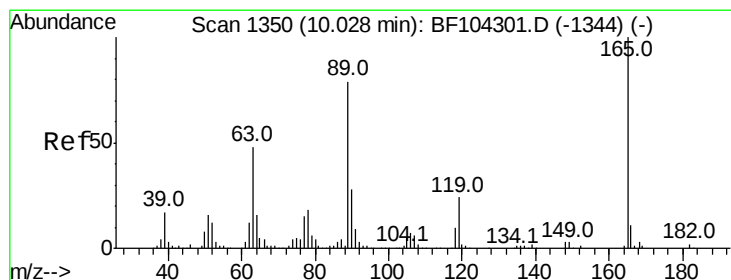
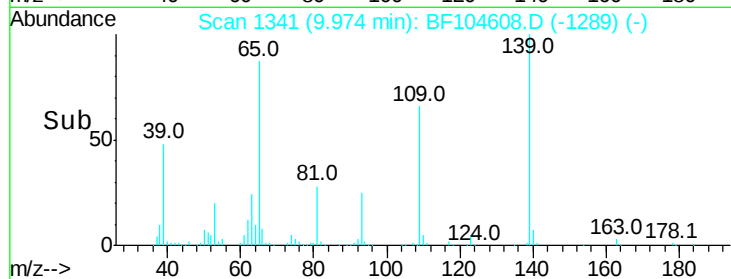
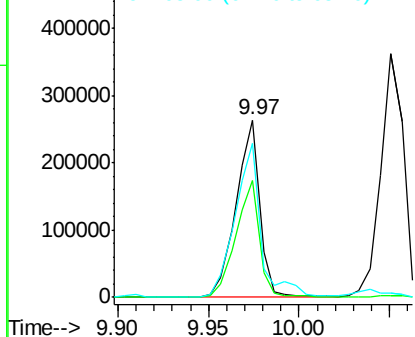
#55
4-Nitrophenol
Concen: 85.155 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 241682
Ion Ratio Lower Upper
139 100
109 66.1 48.4 88.4
65 86.5 72.6 112.6

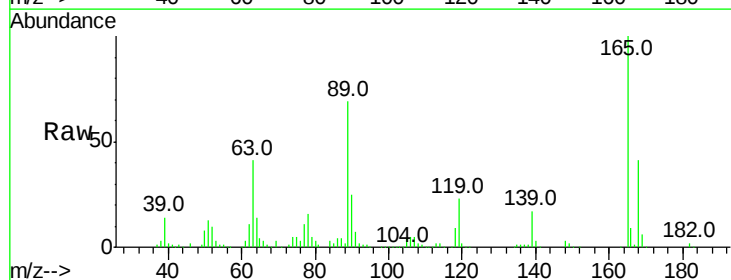


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

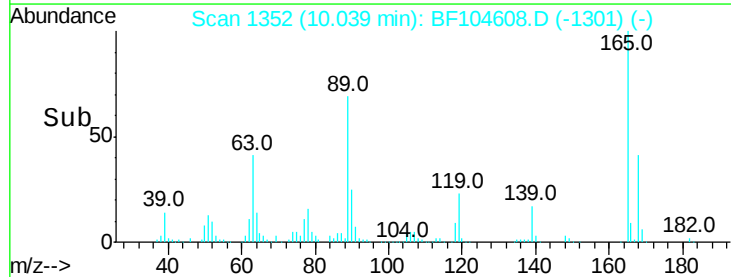
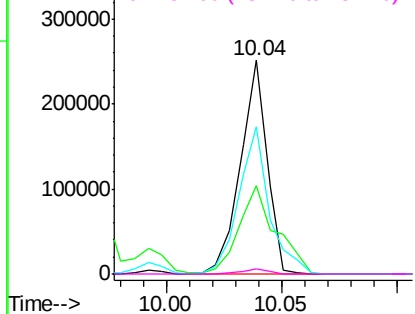


#56
2,4-Dinitrotoluene
Concen: 50.097 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:165 Resp: 202803
Ion Ratio Lower Upper
165 100
63 41.3 36.4 54.6
89 69.1 57.8 86.6
182 2.4 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

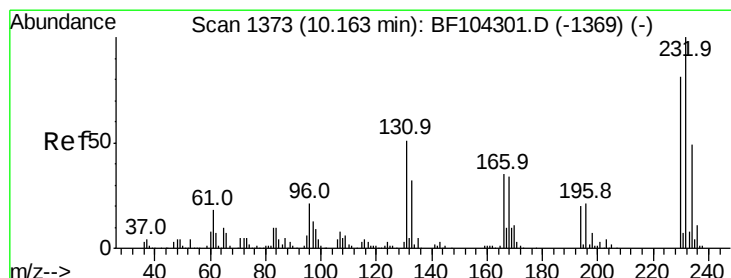
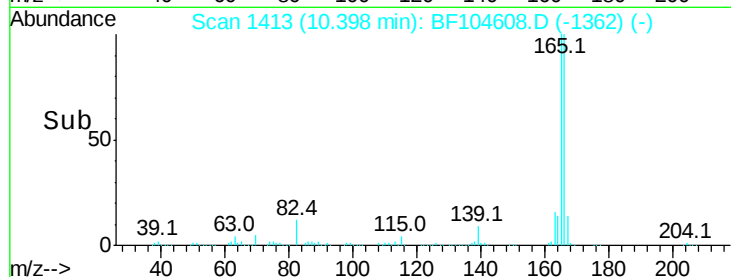
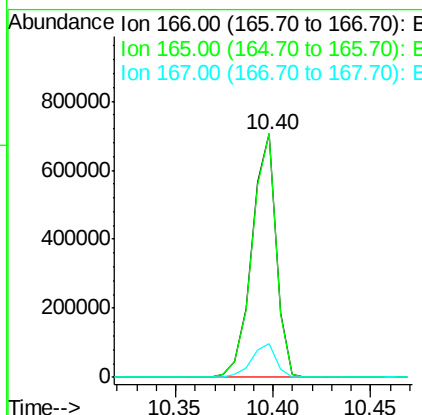
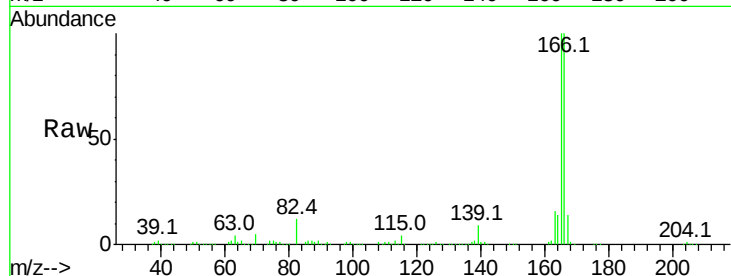




#57
 Fluorene
 Concen: 44.516 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

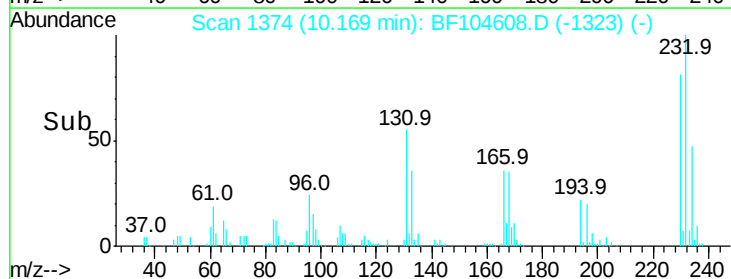
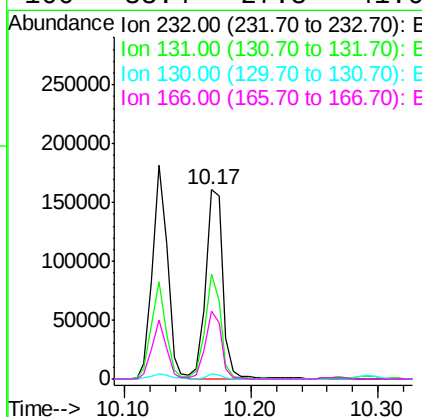
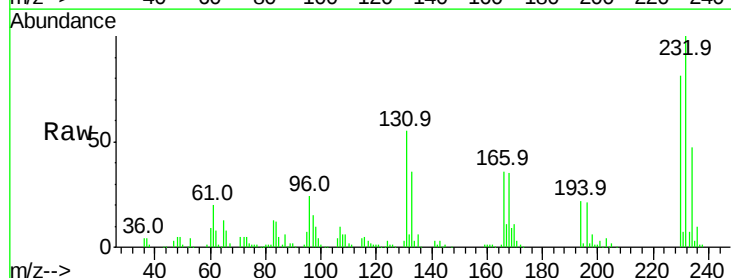
Instrument :
 BNA_F
 ClientSampleId :

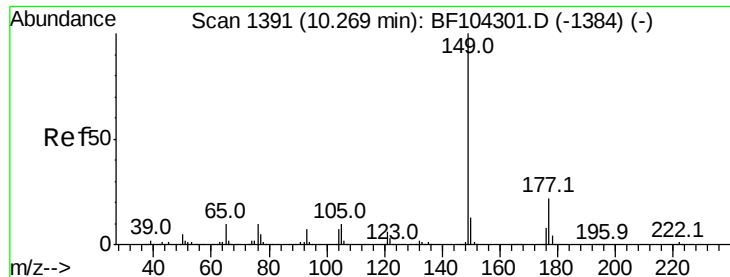
Tot Ion:166 Resp: 606657
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.975 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:232 Resp: 154298
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 2.4 2.1 3.1
 166 33.4 27.8 41.6

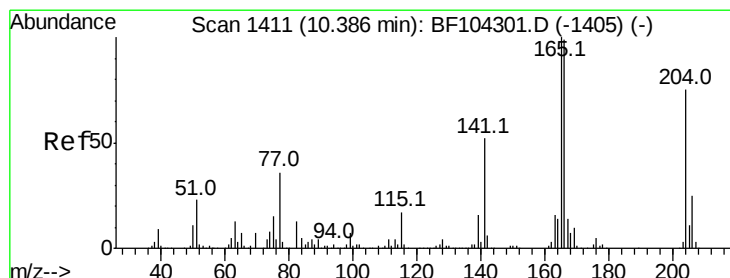
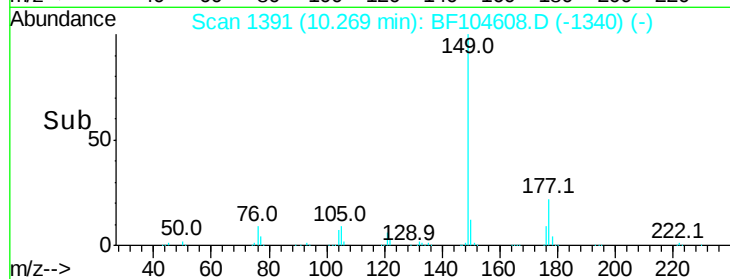
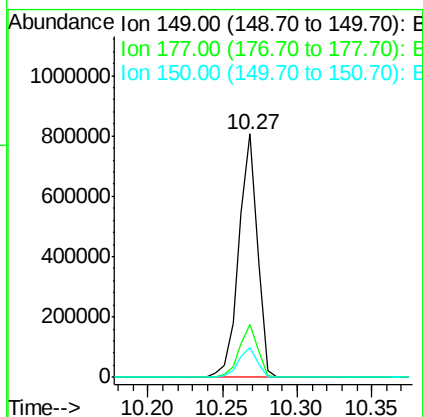
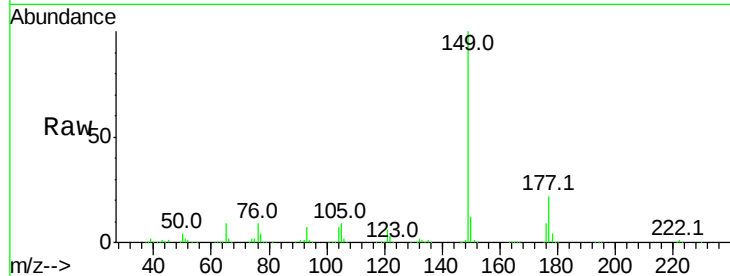




#59
Diethylphthalate
Concen: 42.319 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

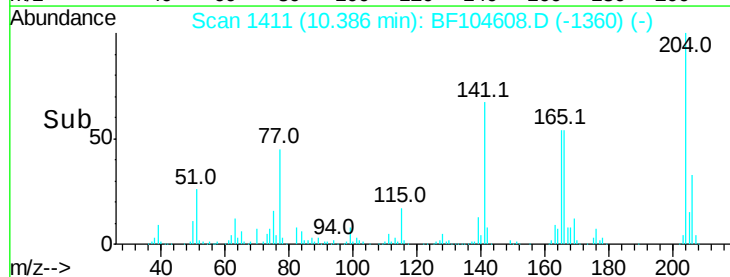
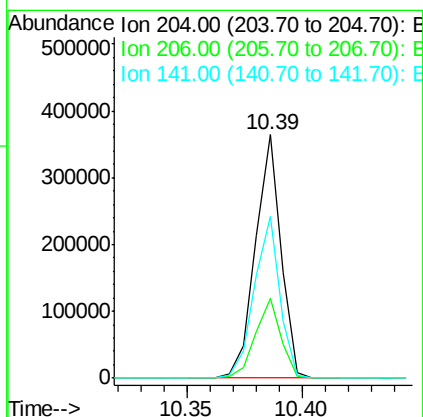
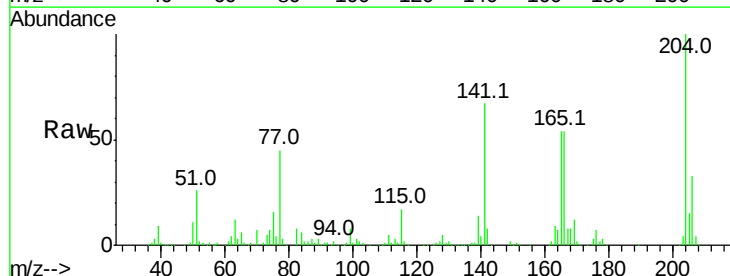
Instrument :
BNA_F
ClientSampled :

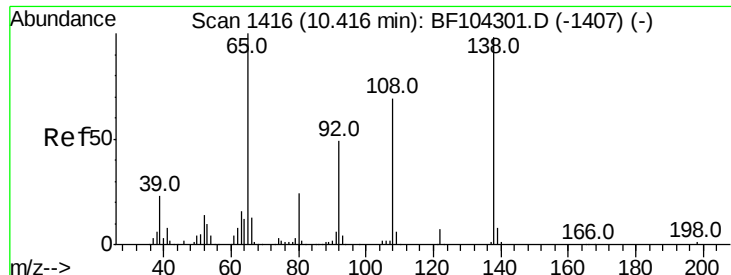
Tot Ion:149 Resp: 702956
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.590 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:204 Resp: 282758
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 66.7 54.6 81.8

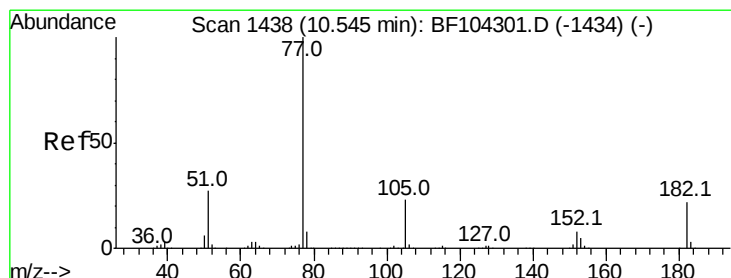
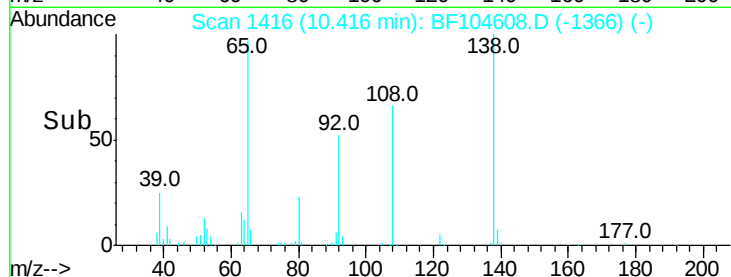
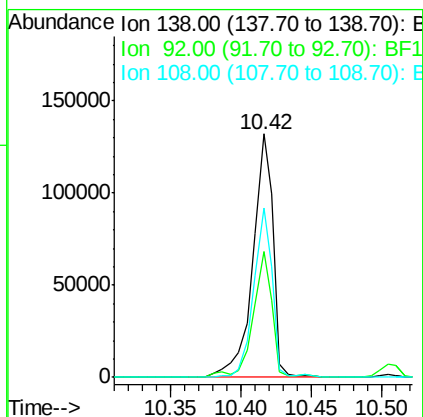
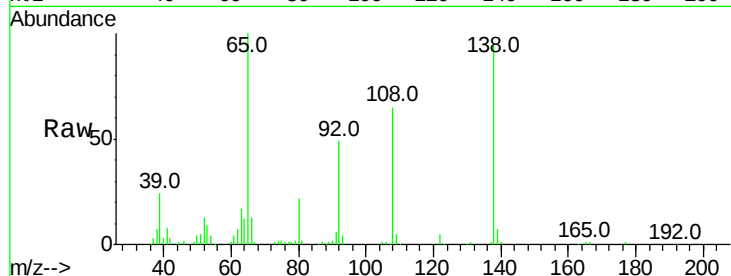




#61
4-Nitroaniline
Concen: 37.889 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

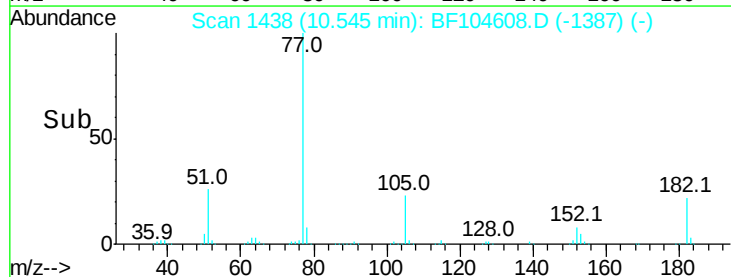
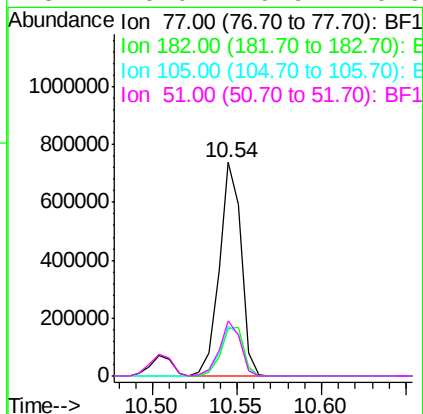
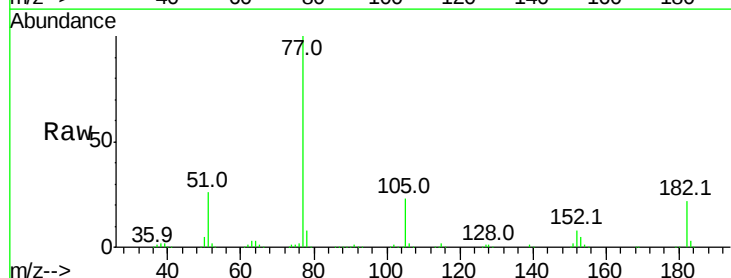
Instrument :
BNA_F
ClientSampleId :

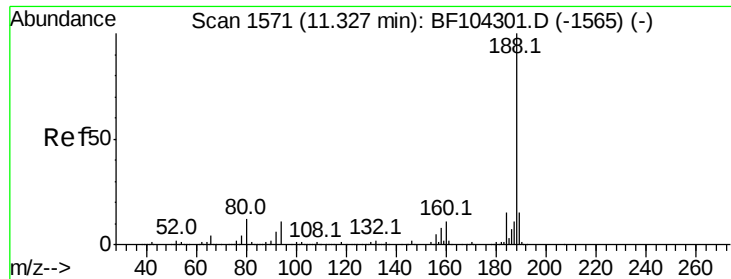
Tot Ion:138 Resp: 133850
Ion Ratio Lower Upper
138 100
92 51.8 30.2 70.2
108 69.4 52.5 92.5



#62
Azobenzene
Concen: 41.536 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion: 77 Resp: 659167
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 23.1 3.0 43.0
51 26.0 9.9 49.9

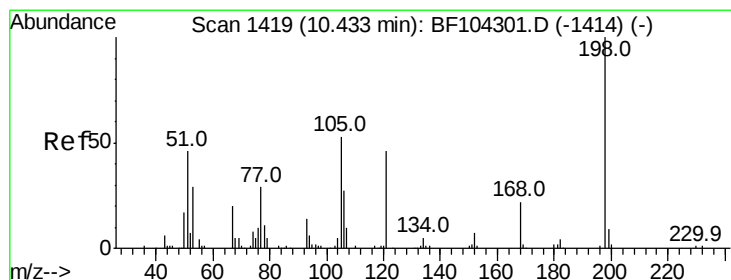
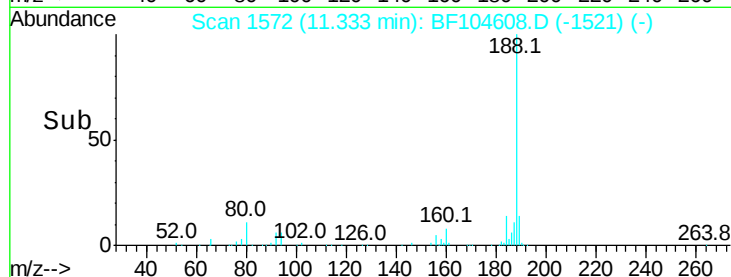
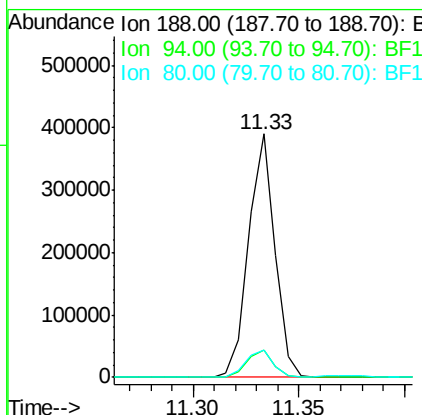
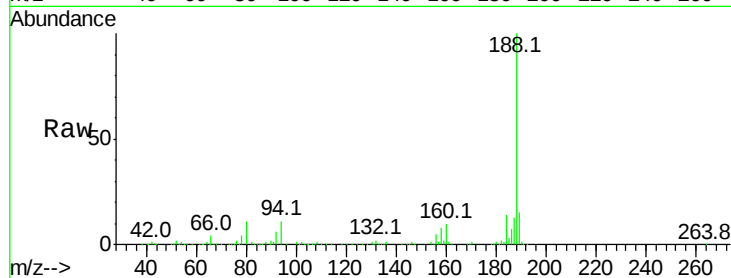




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

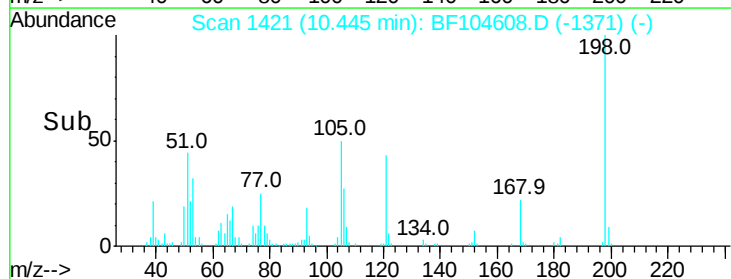
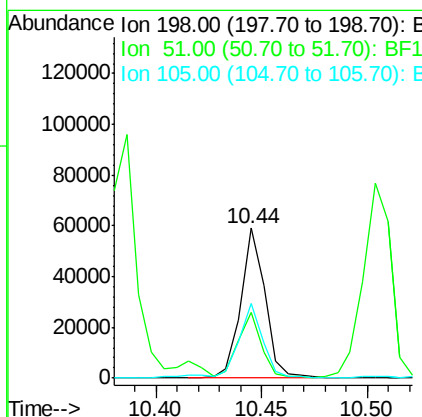
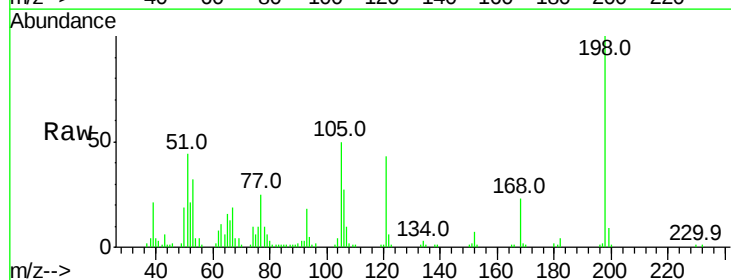
Instrument :
 BNA_F
 ClientSampled :

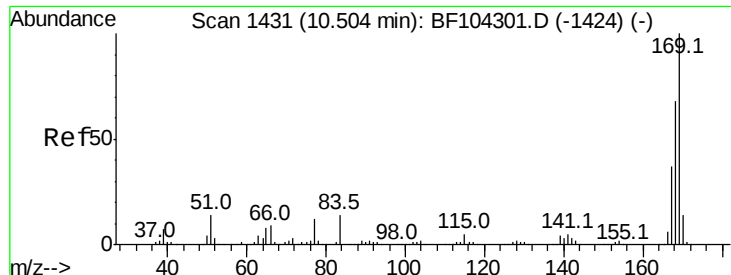
Tot Ion:188 Resp: 337813
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.368 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:198 Resp: 46662
 Ion Ratio Lower Upper
 198 100
 51 43.9 37.7 77.7
 105 49.8 36.3 76.3

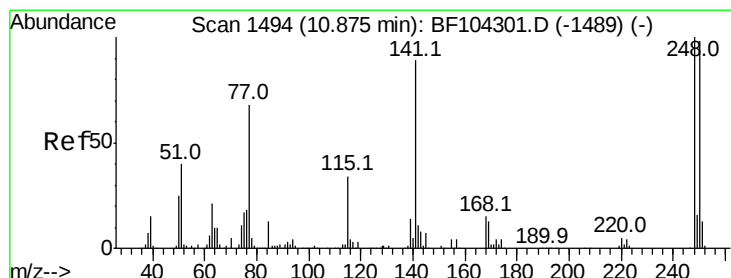
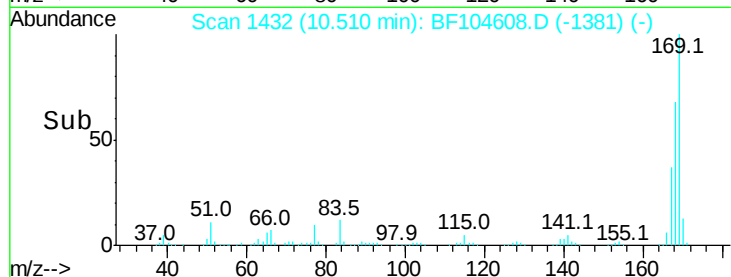
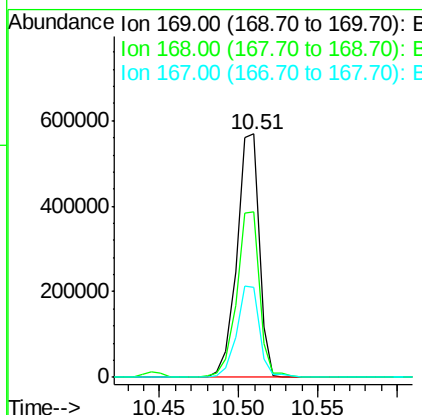
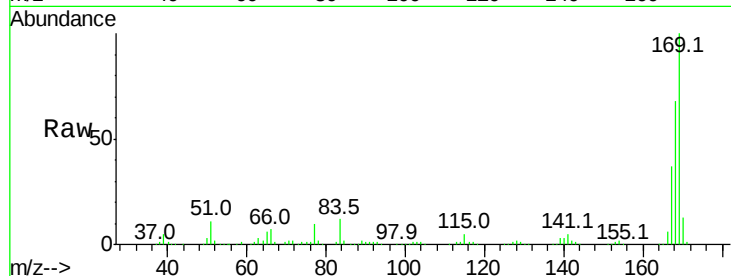




#65
 n-Nitrosodiphenylamine
 Concen: 47.515 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

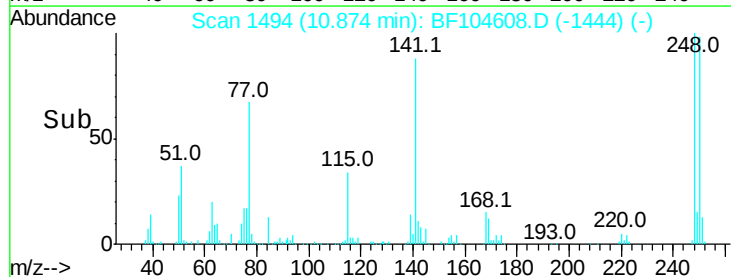
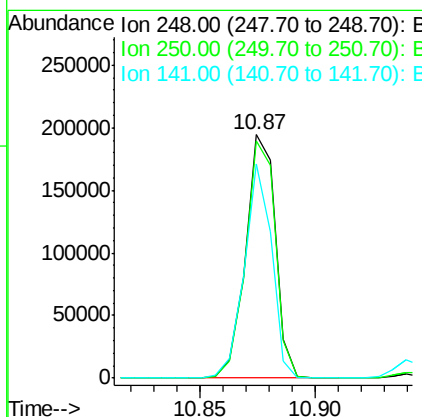
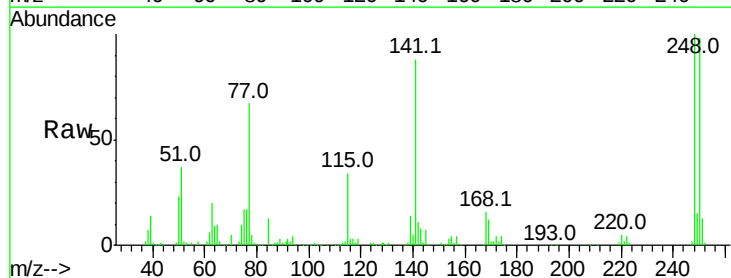
Instrument :
 BNA_F
 ClientSampleId :

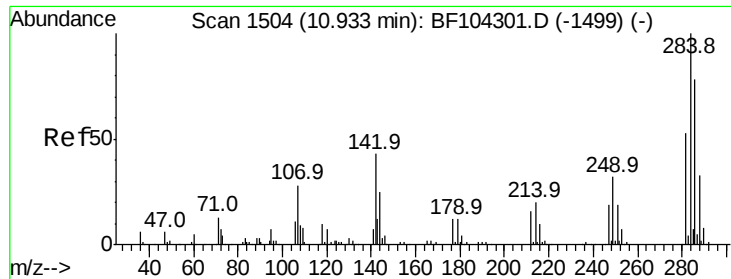
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	37.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.843 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	87.9	74.4	111.6

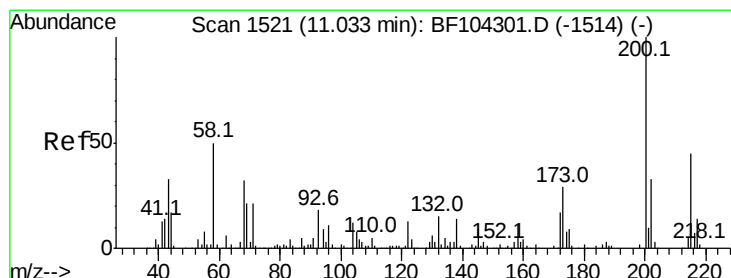
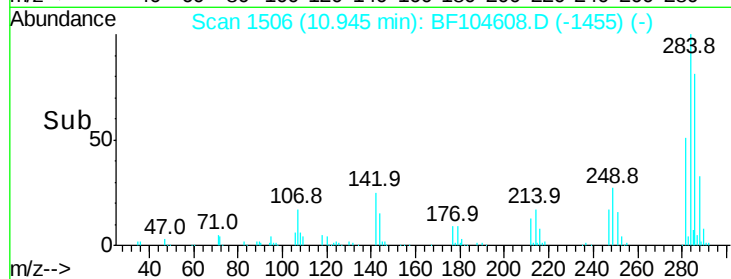
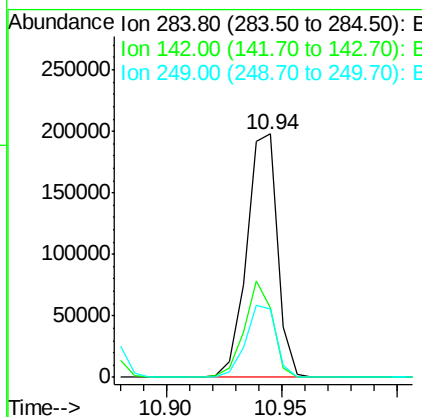
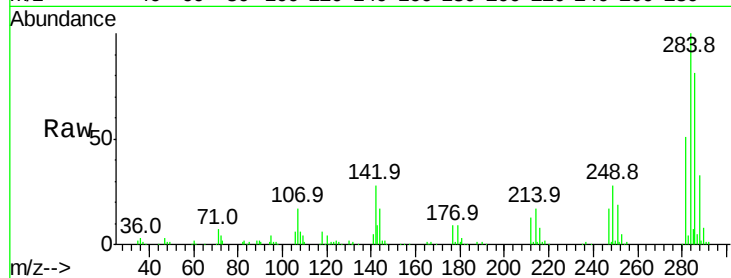




#67
Hexachlorobenzene
Concen: 45.654 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

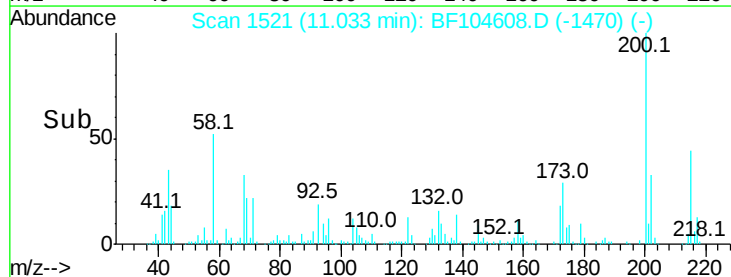
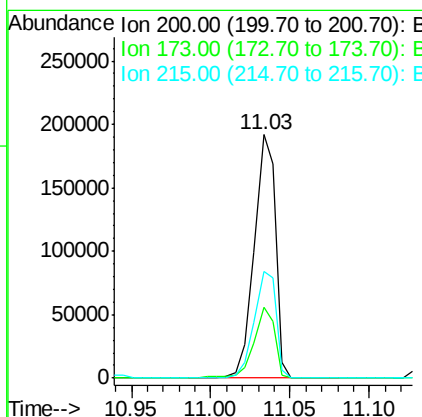
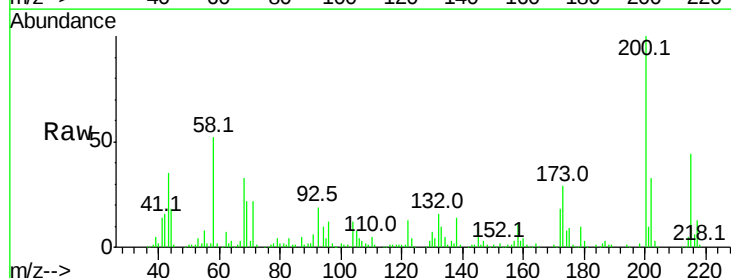
Instrument :
BNA_F
ClientSampled :

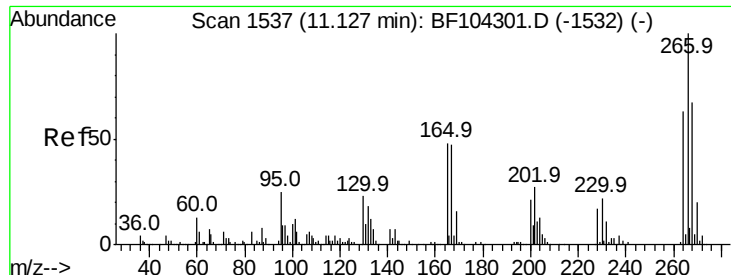
Tot Ion:284 Resp: 184588
Ion Ratio Lower Upper
284 100
142 28.5 34.6 52.0#
249 28.0 24.8 37.2



#68
Atrazine
Concen: 50.606 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:200 Resp: 178917
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 43.9 25.1 65.1

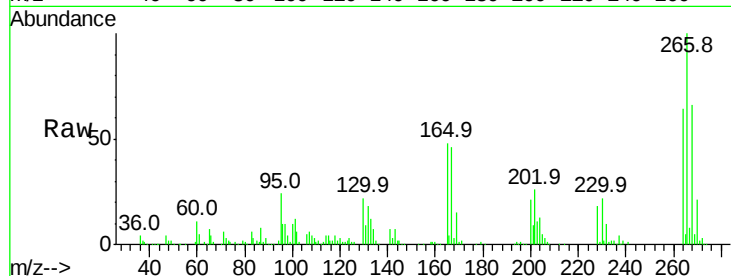




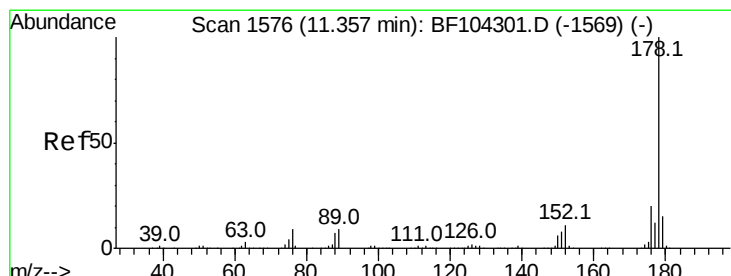
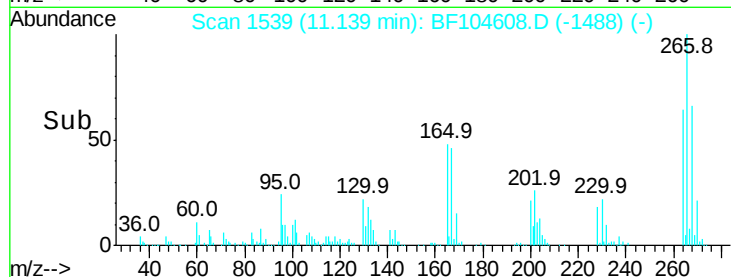
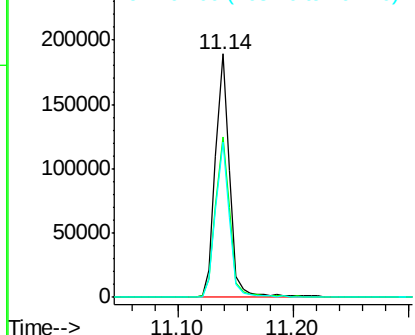
#69
 Pentachlorophenol
 Concen: 65.335 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	63.6	49.5	74.3

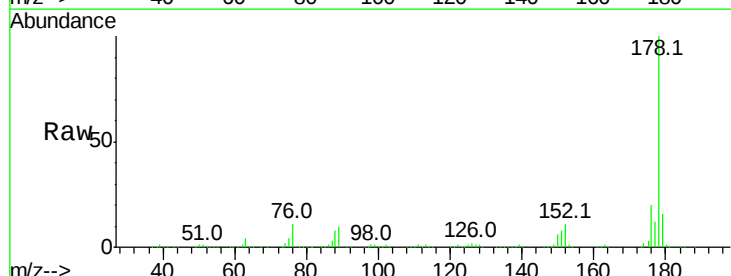


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

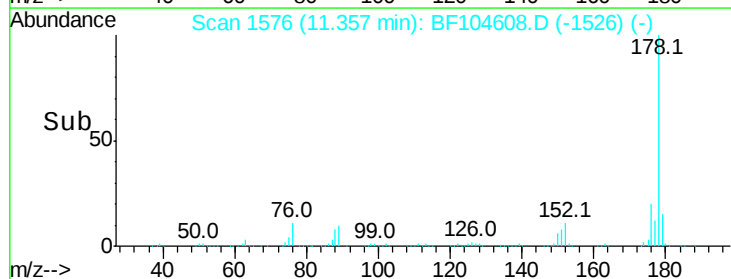
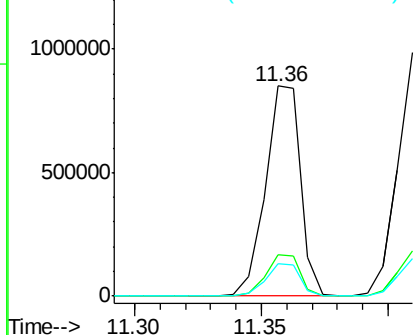


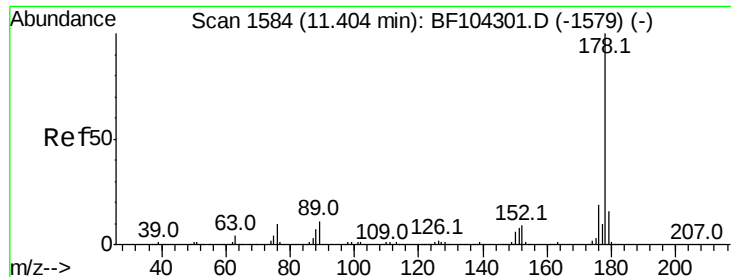
#70
 Phenanthrene
 Concen: 43.781 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	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

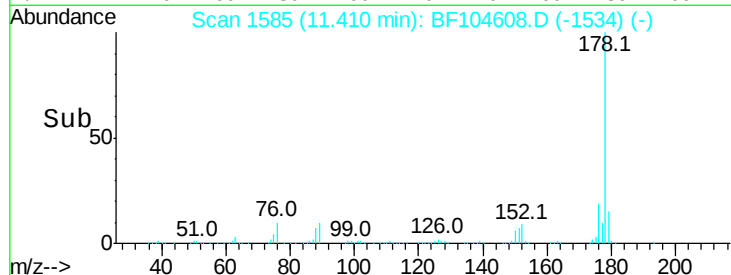
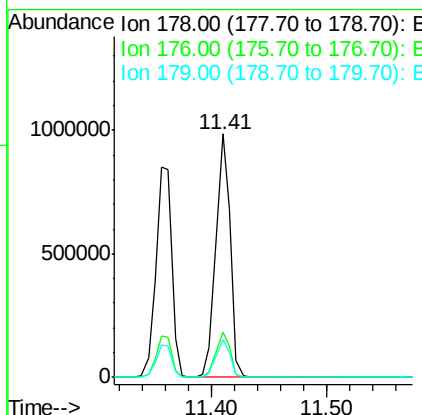
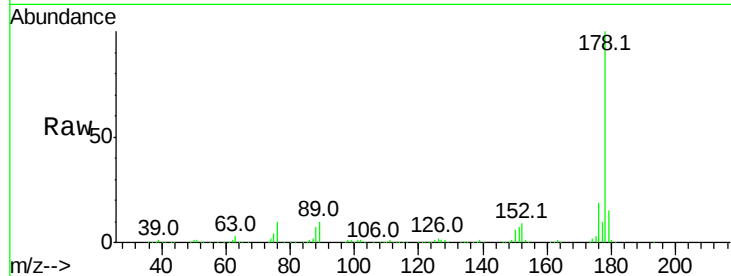




#71
 Anthracene
 Concen: 44.242 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

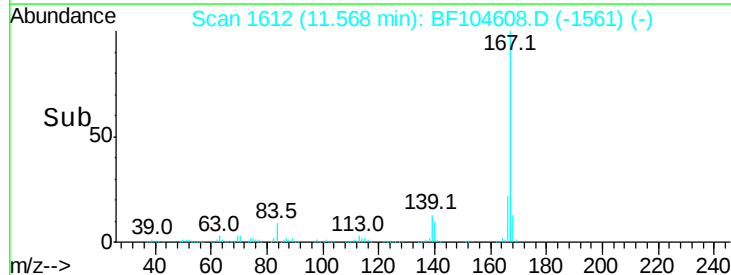
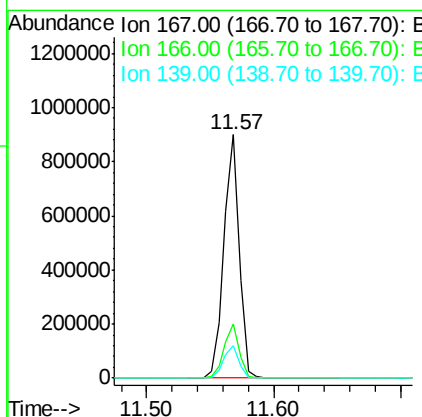
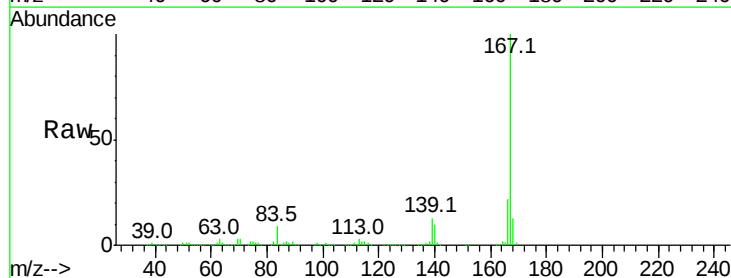
Instrument :
 BNA_F
 ClientSampleId :

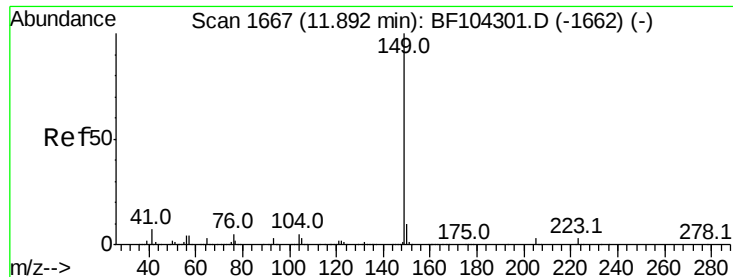
Tot Ion:178 Resp: 846048
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.625 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion:167 Resp: 759153
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.194 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

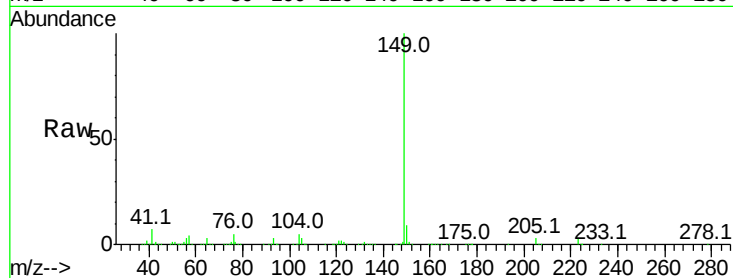
Tot Ion:149 Resp: 1031639

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

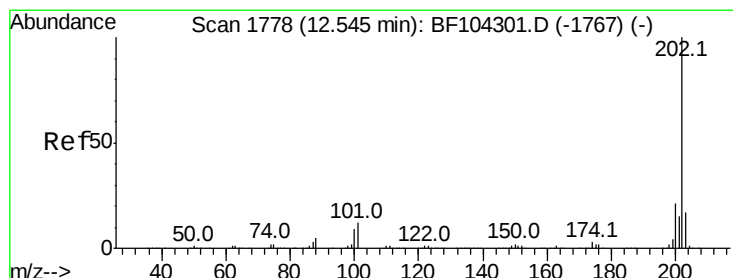
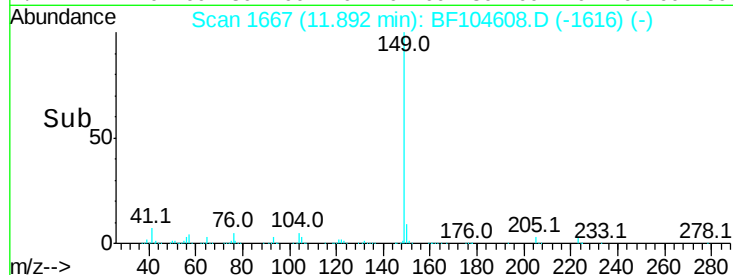
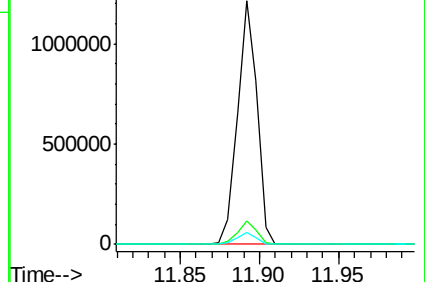
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.541 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

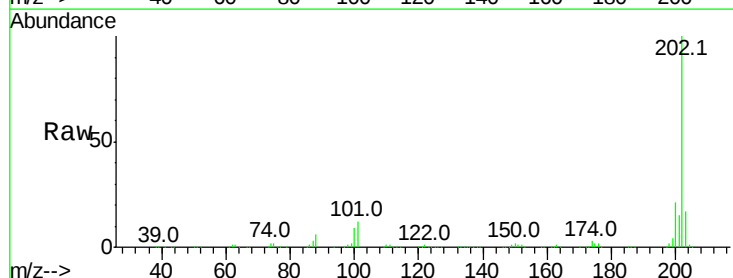
Tgt Ion:202 Resp: 757540

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

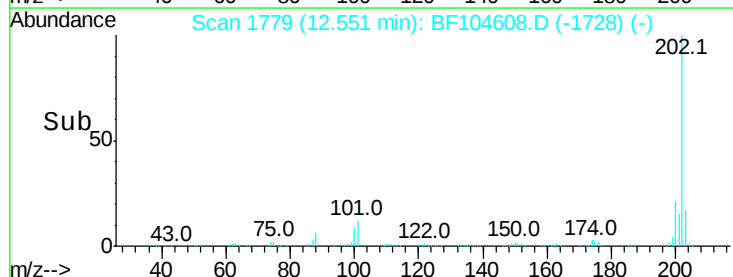
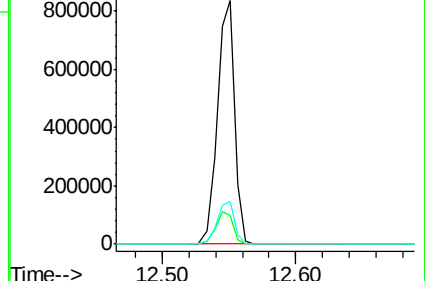
203 17.4 0.0 38.1

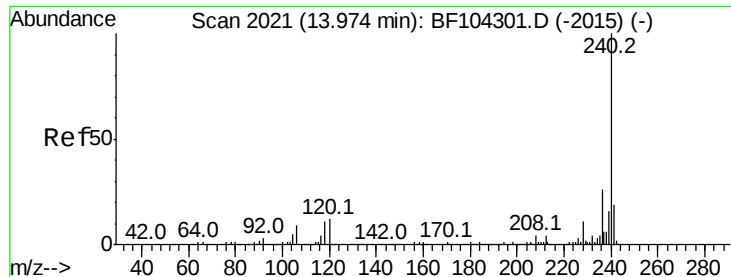


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :

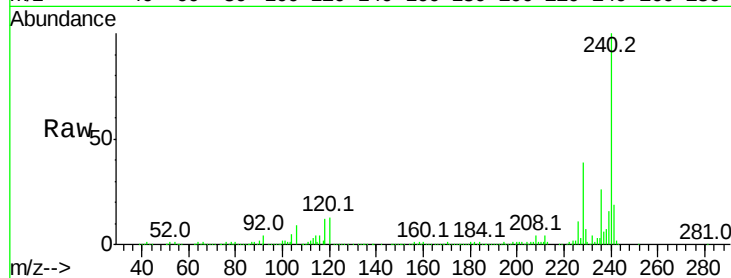
Tot Ion:240 Resp: 237609

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

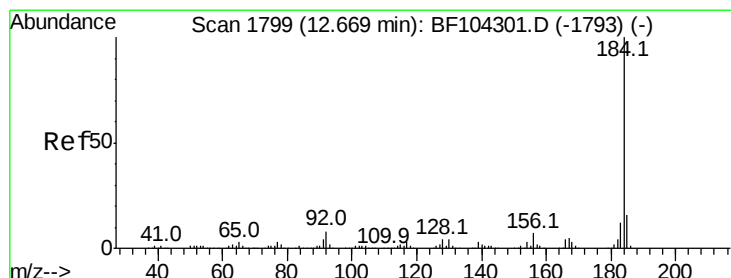
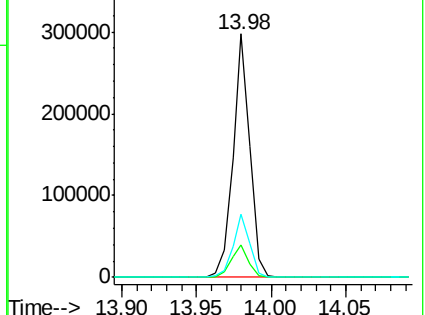
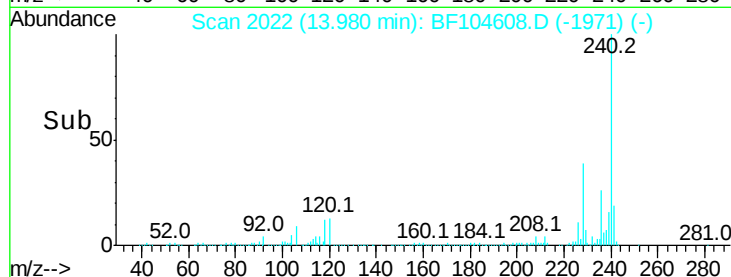
236 26.2 20.7 31.1



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: 58.961 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

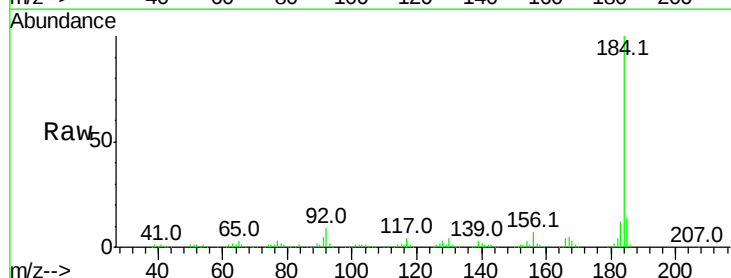
Tgt Ion:184 Resp: 418484

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

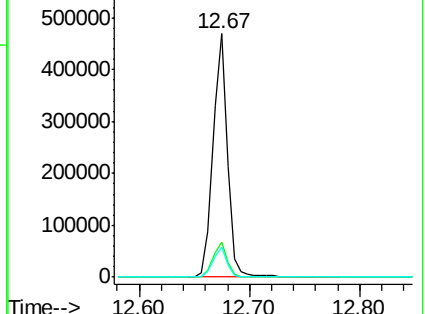
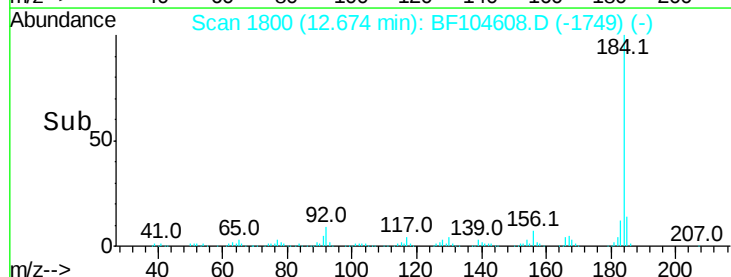
183 12.2 9.3 13.9

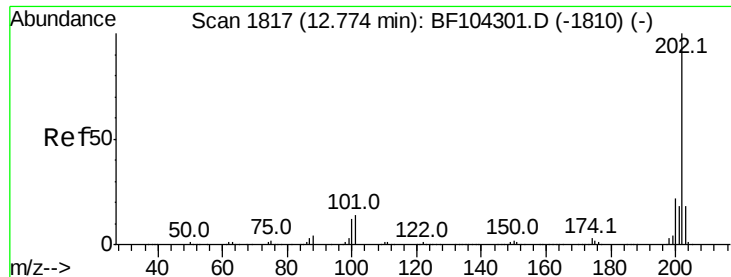


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

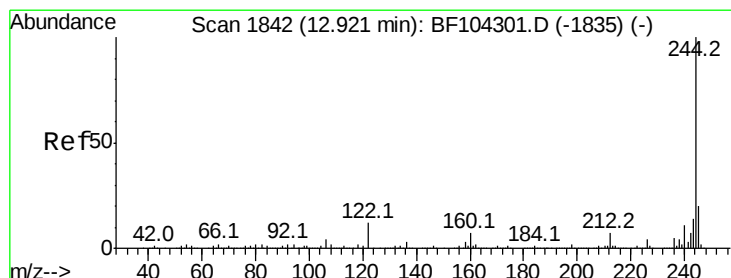
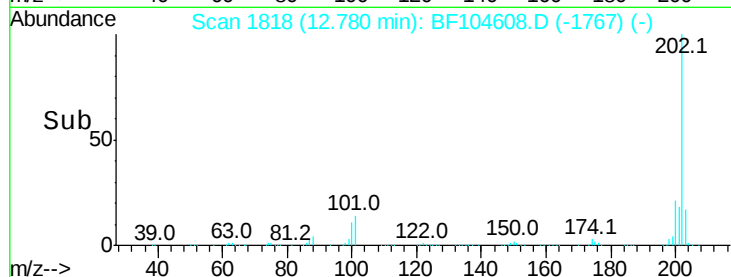
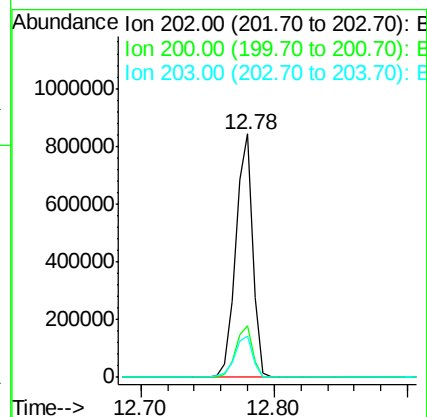
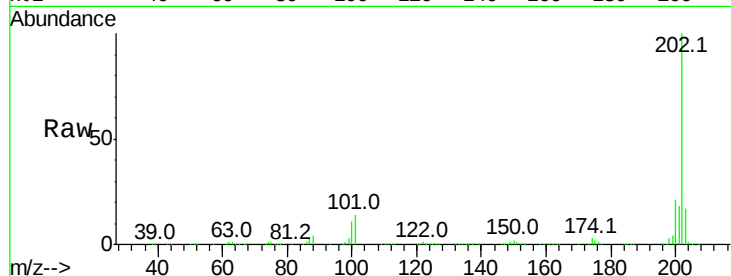




#77
Pvrene
Concen: 42.873 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

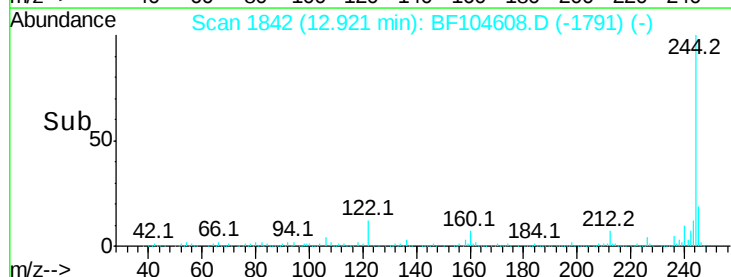
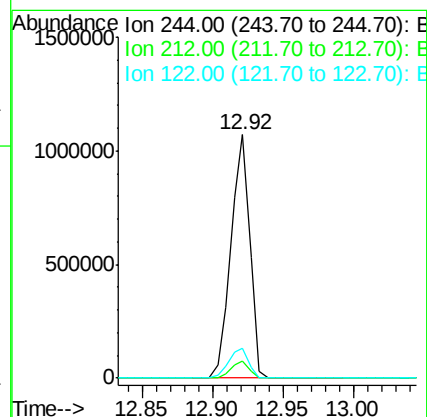
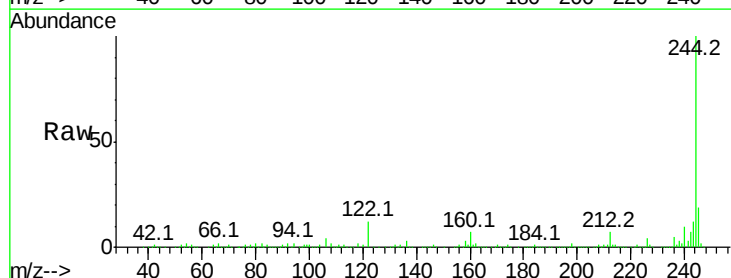
Instrument :
BNA_F
ClientSampleId :

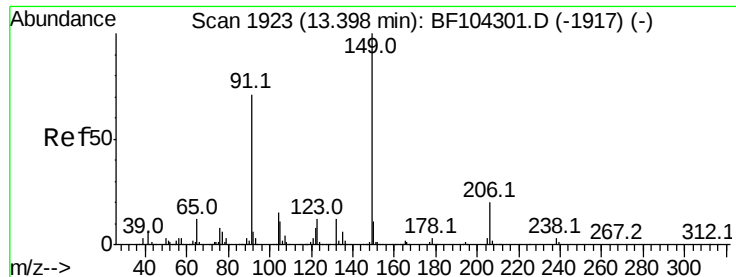
Tot Ion:202 Resp: 755104
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 95.611 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:244 Resp: 996475
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.4 11.0 16.4

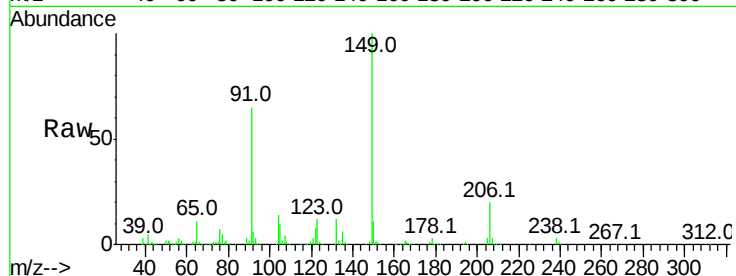




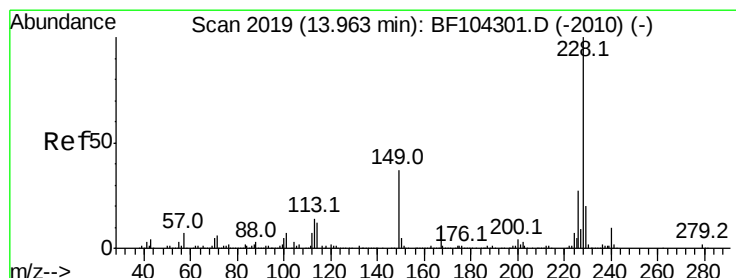
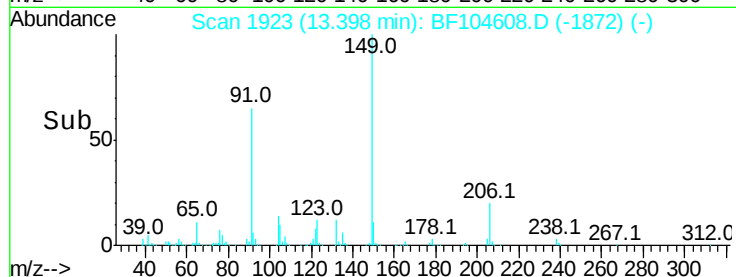
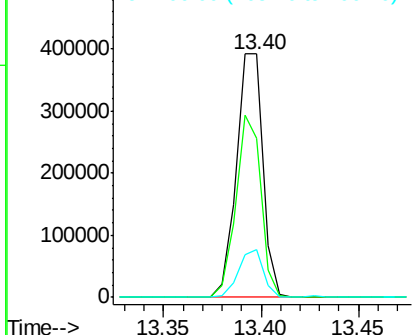
#79
Butylbenzylphthalate
Concen: 44.513 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.8	14.1	21.1

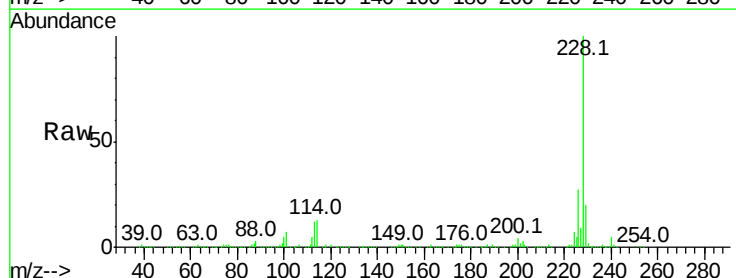


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

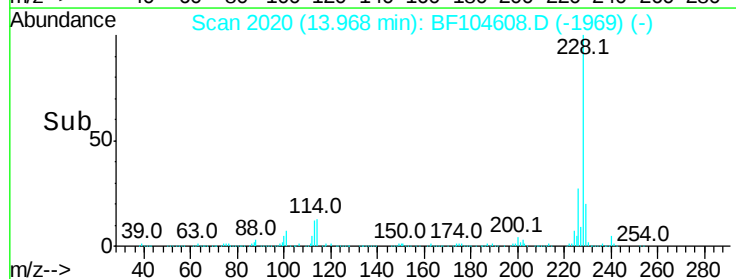
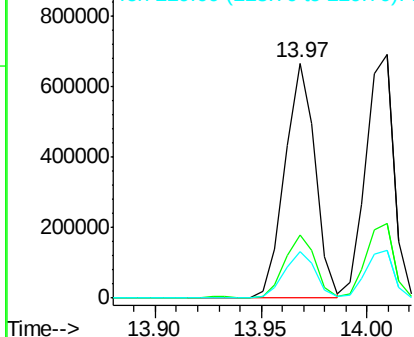


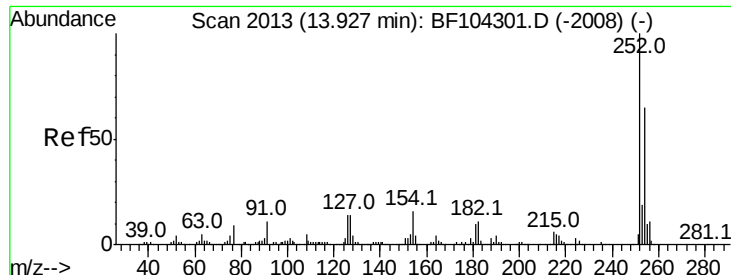
#80
Benzo(a)anthracene
Concen: 46.948 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.6	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

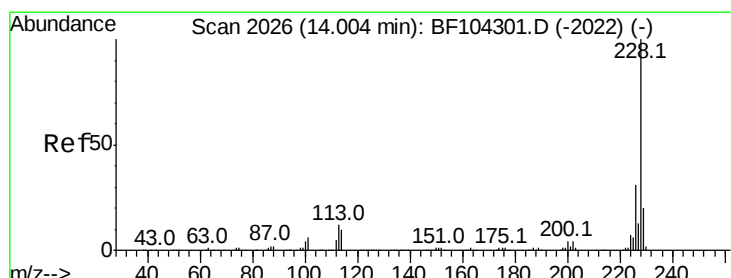
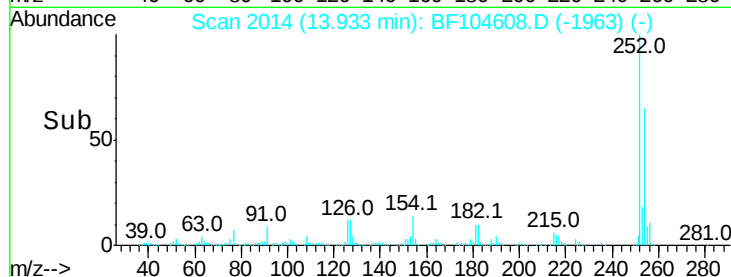
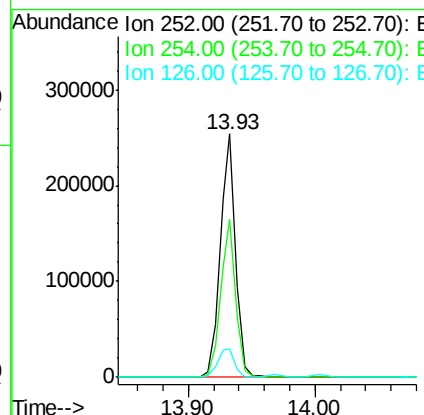
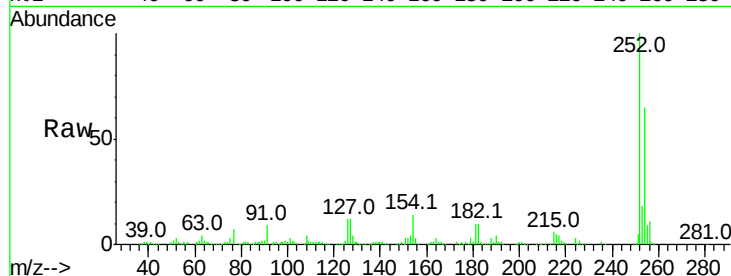




#81
 3,3'-Dichlorobenzidine
 Concen: 40.847 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

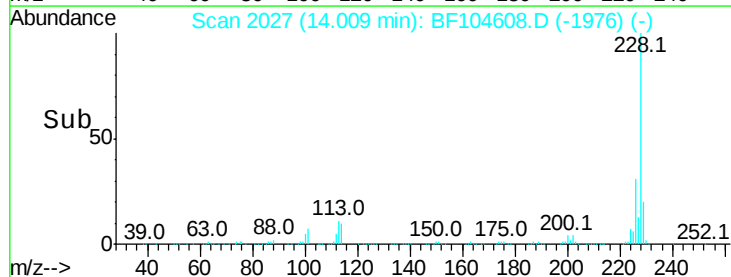
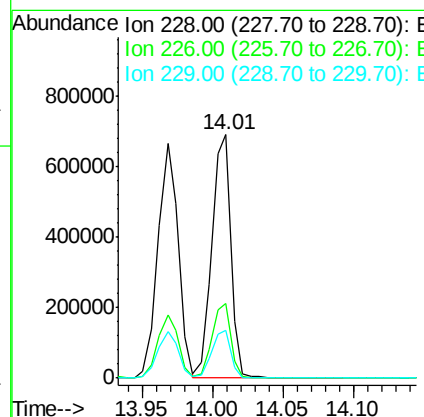
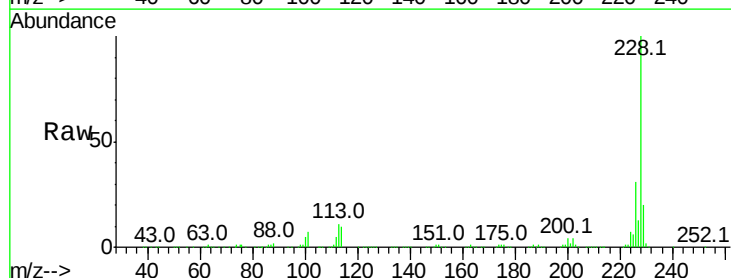
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.7	11.3	16.9



#82
 Chrysene
 Concen: 44.143 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4

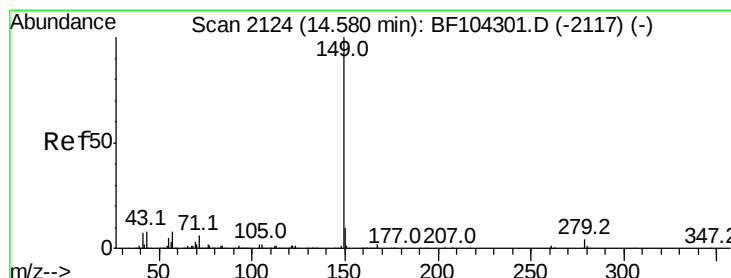
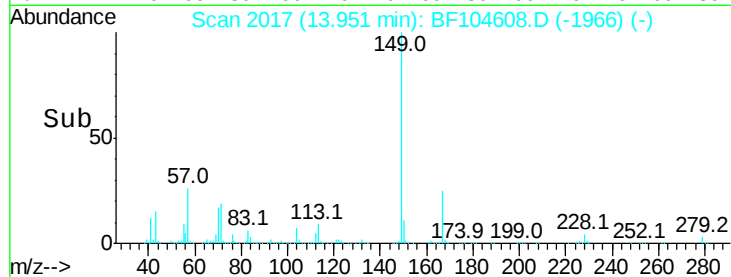
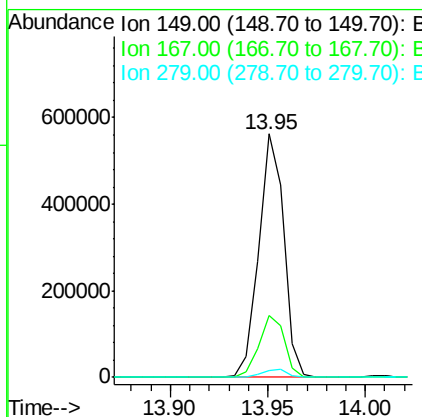
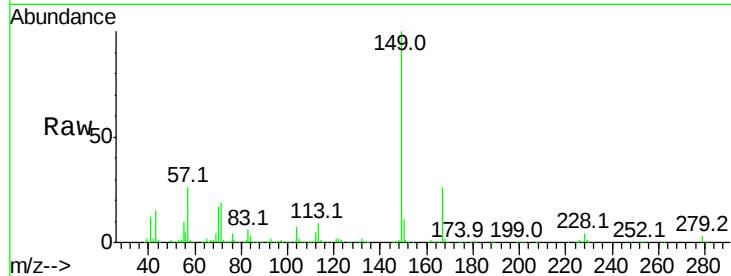




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.703 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

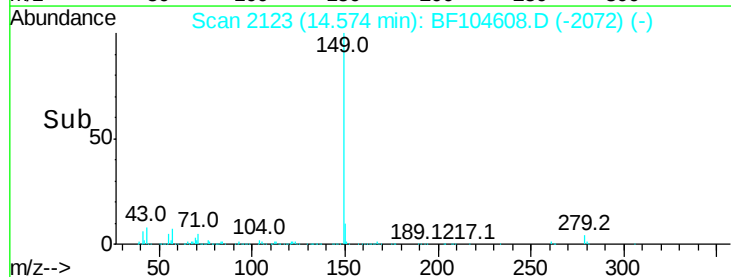
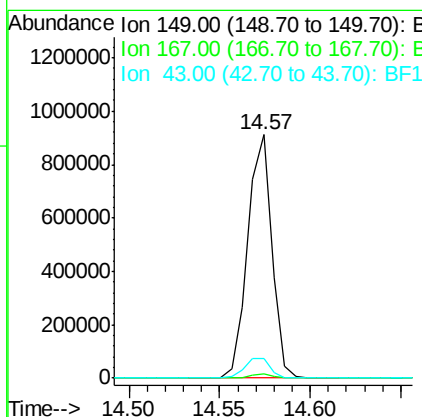
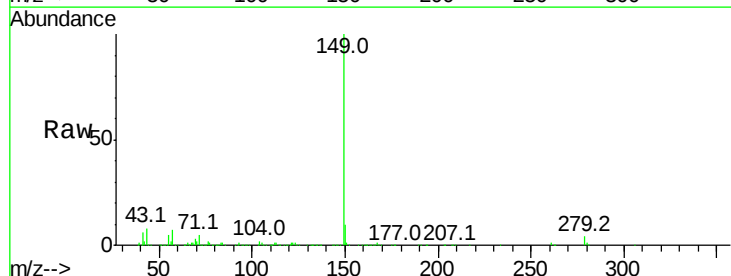
Instrument :
 BNA_F
 ClientSampleId :

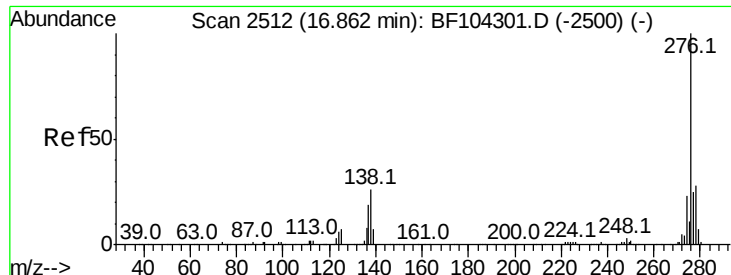
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.345 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.4	12.6

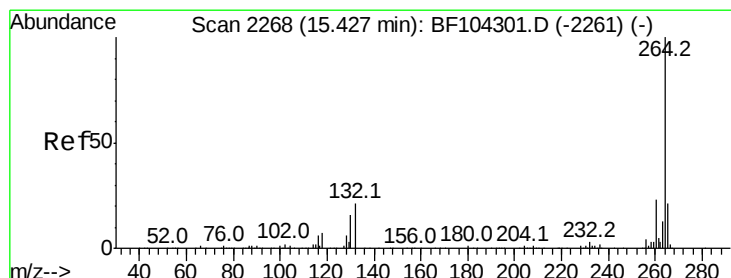
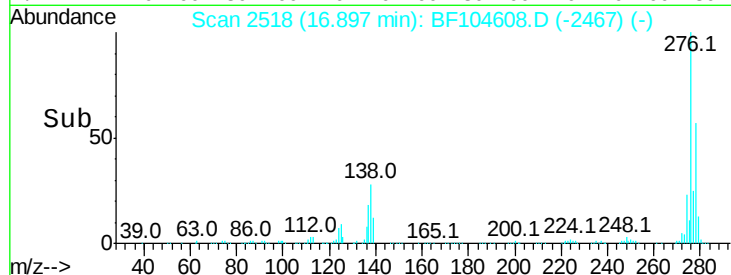
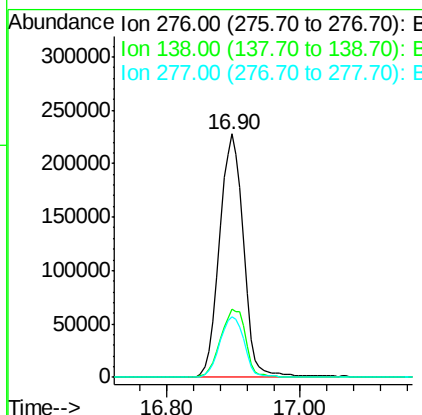
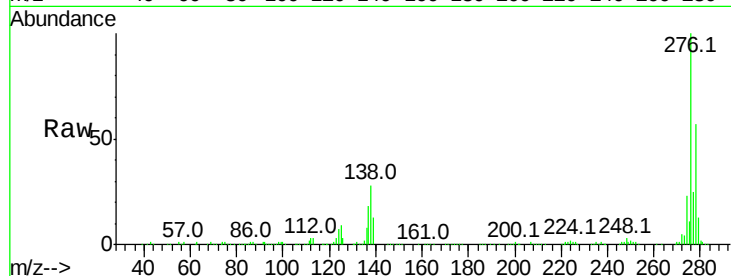




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.104 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

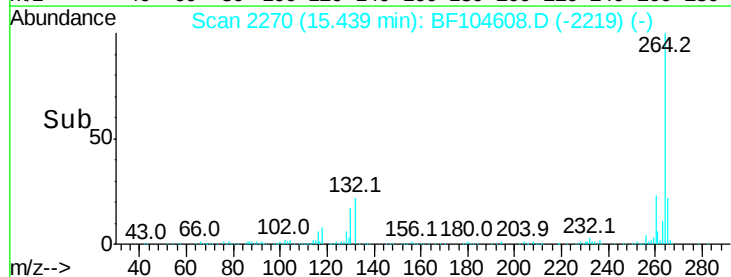
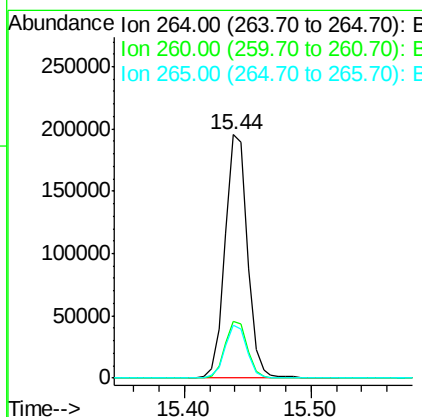
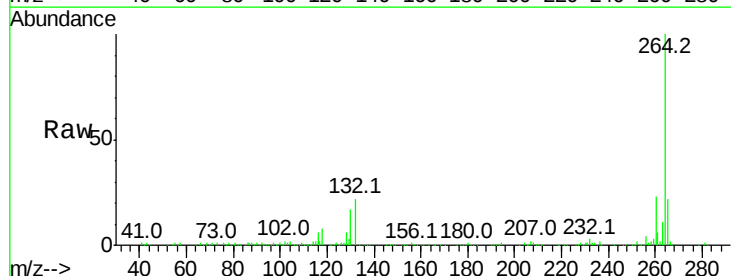
Instrument :
 BNA_F
 ClientSampleId :

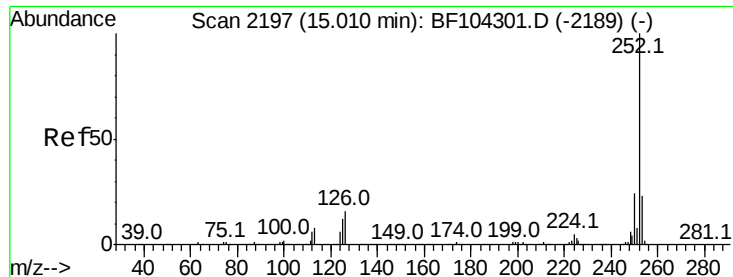
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104608.D
 Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.5	26.3

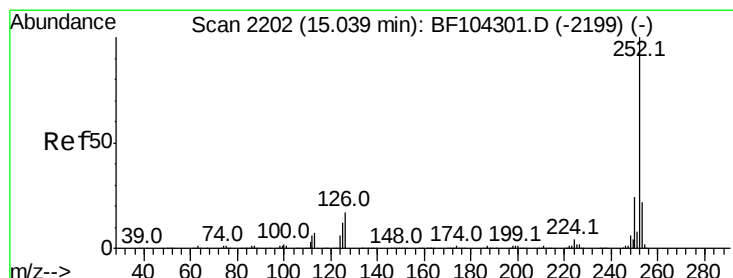
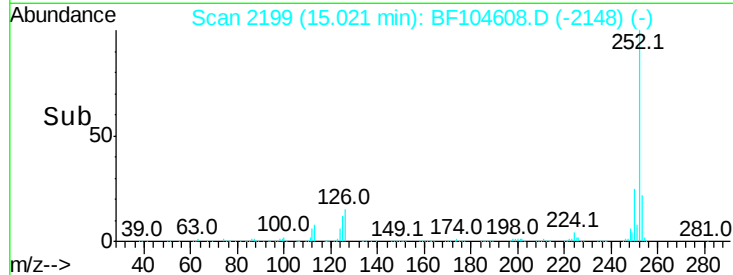
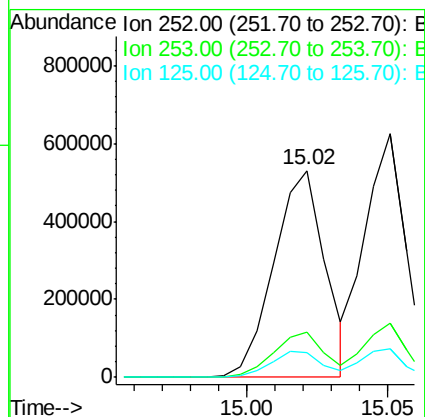
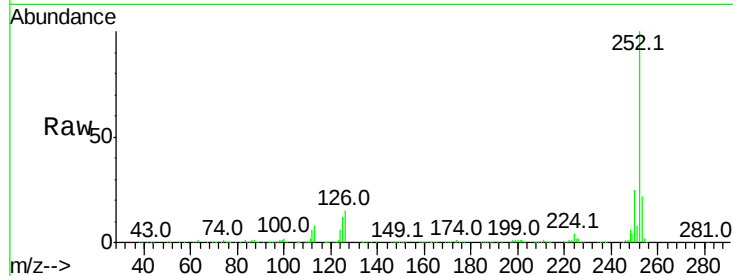




#87
Benzo(b)fluoranthene
Concen: 44.314 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

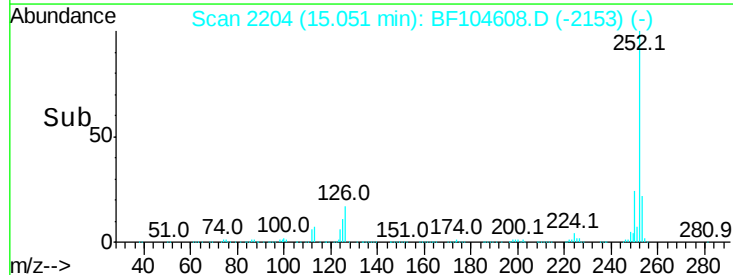
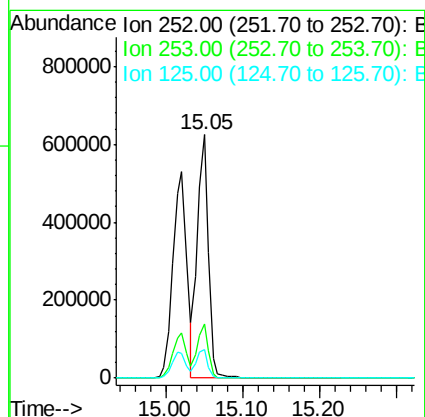
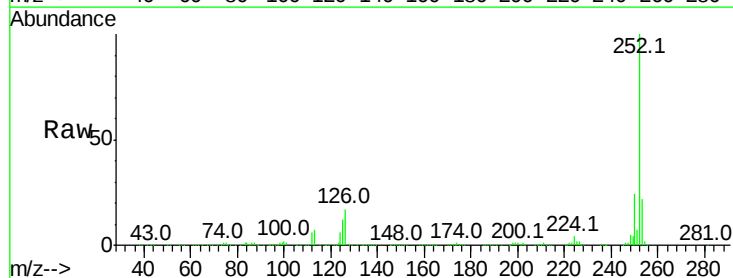
Instrument :
BNA_F
ClientSampleId :

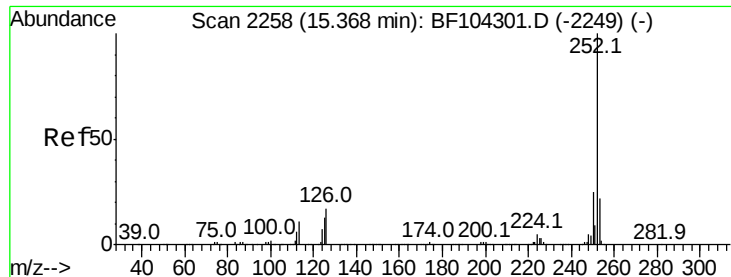
Tot Ion:252 Resp: 668391
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.443 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion:252 Resp: 632863
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.5 10.2 15.2

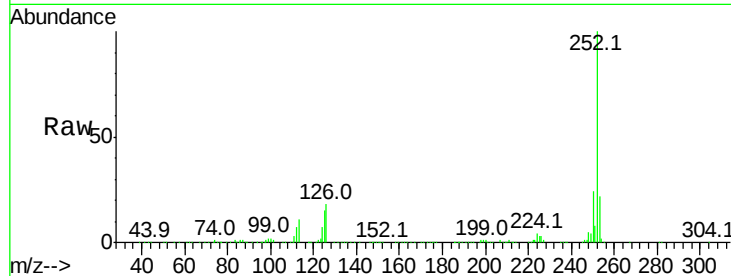




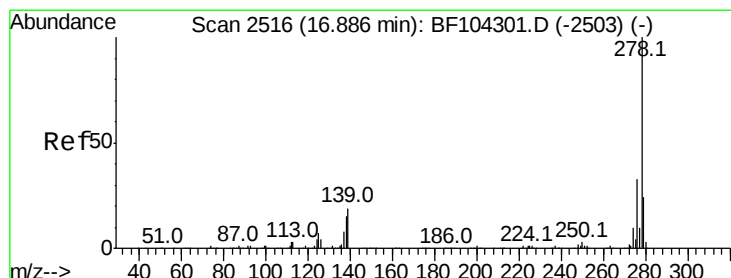
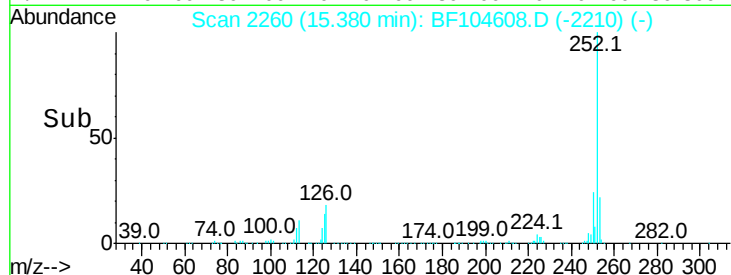
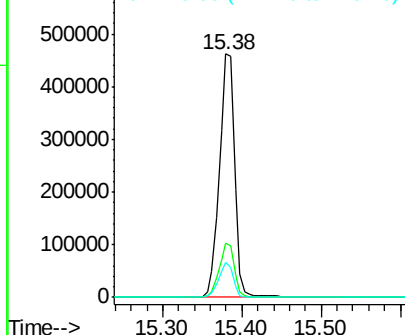
#89
Benzo(a)pyrene
Concen: 45.769 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.5	9.8	14.6

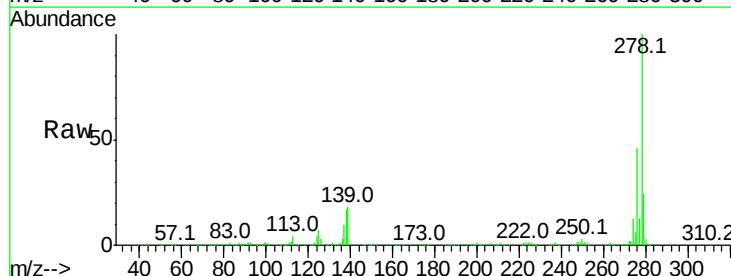


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

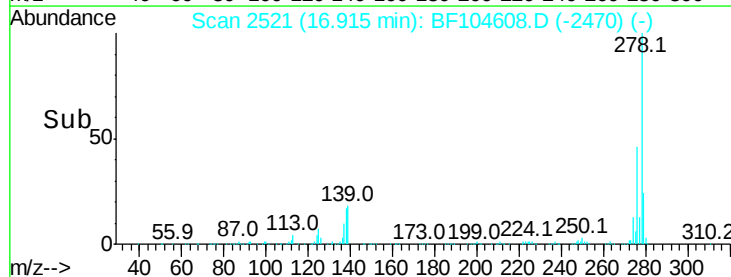
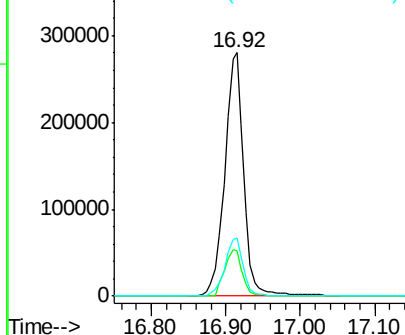


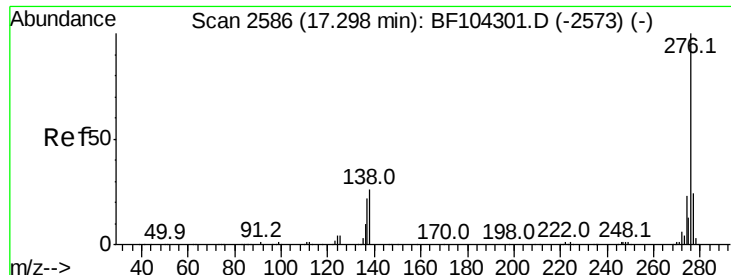
#90
Dibenzo(a,h)anthracene
Concen: 44.914 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF104608.D
Acq: 18 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	23.7	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.748 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

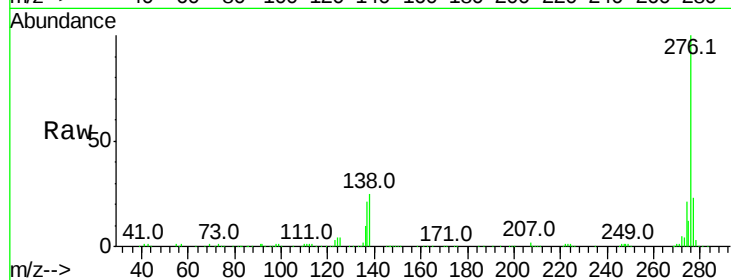
Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA_F

ClientSampleId :



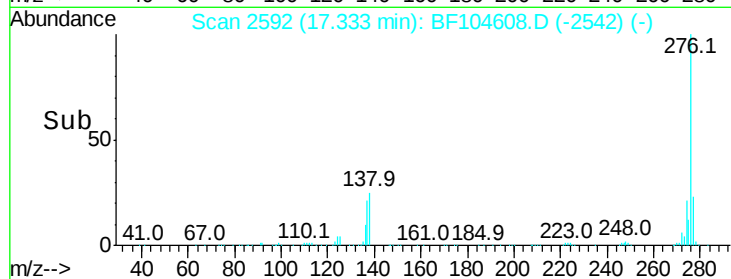
Tot Ion: 276 Resp: 459049

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 25.0 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

