

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104609.D
 Acq On : 18 Apr 2018 18:38
 Operator : JU/SJ
 Sample : PB108327BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:14:54 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	118802	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	484478	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209303	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	324013	20.00	ng	0.00
75) Chrysene-d12	13.98	240	239133	20.00	ng	0.00
86) Perylene-d12	15.44	264	242307	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	997200	128.35	ng	0.01
7) Phenol-d6	6.45	99	1212304	126.99	ng	0.01
23) Nitrobenzene-d5	7.37	82	773784	104.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	271250	124.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1282424	96.79	ng	0.00
78) Terphenyl-d14	12.92	244	975624	93.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	147824	40.832	ng	# 90
3) Pyridine	3.32	79	420964	41.357	ng	86
4) n-Nitrosodimethylamine	3.28	42	163114	45.843	ng	# 79
6) Aniline	6.47	93	280785	21.171	ng	# 90
8) 2-Chlorophenol	6.59	128	385593	47.020	ng	96
9) Benzaldehyde	6.36	77	245425	60.754	ng	94
10) Phenol	6.46	94	452406	44.664	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	363430	44.962	ng	95
12) 1,3-Dichlorobenzene	6.75	146	405008	43.594	ng	99
13) 1,4-Dichlorobenzene	6.82	146	409060	44.171	ng	99
14) 1,2-Dichlorobenzene	6.97	146	378055	44.052	ng	99
15) Benzyl Alcohol	6.95	79	310750	42.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	469149	43.219	ng	91
17) 2-Methylphenol	7.06	107	319036	44.755	ng	98
18) Hexachloroethane	7.32	117	142665	43.207	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	246035	39.440	ng	94
20) 3+4-Methylphenols	7.22	107	365850	41.382	ng	# 64
22) Acetophenone	7.22	105	490989	41.164	ng	96
24) Nitrobenzene	7.39	77	395041	48.225	ng	98
25) Isophorone	7.63	82	713192	45.457	ng	98
26) 2-Nitrophenol	7.70	139	202425	60.700	ng	99
27) 2,4-Dimethylphenol	7.75	122	333191	48.119	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	462500	48.213	ng	99
29) 2,4-Dichlorophenol	7.95	162	308652	46.717	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	318739	43.960	ng	98
31) Naphthalene	8.11	128	1061818	44.014	ng	99
32) Benzoic acid	7.87	122	199572	36.123	ng	98
33) 4-Chloroaniline	8.16	127	95238	9.215	ng	# 95
34) Hexachlorobutadiene	8.22	225	172311	43.387	ng	98
35) Caprolactam	8.54	113	101197	43.907	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	327340	46.207	ng	98
37) 2-Methylnaphthalene	8.80	142	682373	43.728	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	292123	48.757	ng	99
40) Hexachlorocyclopentadiene	8.95	237	140572	41.909	ng	99

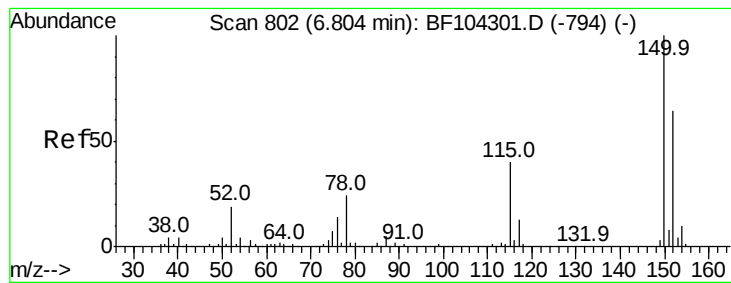
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203310	48.882	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	215337	46.267	ng	94
45) 1,1'-Biphenyl	9.27	154	800669	45.537	ng	99
46) 2-Chloronaphthalene	9.29	162	632846	45.567	ng	99
47) 2-Nitroaniline	9.39	65	192529	56.056	ng	96
48) Acenaphthylene	9.71	152	941474	43.206	ng	100
49) Dimethylphthalate	9.57	163	768566	46.565	ng	100
50) 2,6-Dinitrotoluene	9.63	165	165422	54.164	ng	97
51) Acenaphthene	9.88	154	544573	40.961	ng	100
52) 3-Nitroaniline	9.80	138	70074	19.599	ng	99
53) 2,4-Dinitrophenol	9.91	184	53957	51.899	ng	# 21
54) Dibenzofuran	10.05	168	826388	44.602	ng	98
55) 4-Nitrophenol	9.97	139	241062	85.829	ng	95
56) 2,4-Dinitrotoluene	10.04	165	203629	50.830	ng	# 96
57) Fluorene	10.40	166	615030	45.605	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	153100	44.092	ng	95
59) Diethylphthalate	10.27	149	726950	44.224	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	287624	47.890	ng	98
61) 4-Nitroaniline	10.42	138	137717	39.393	ng	98
62) Azobenzene	10.55	77	661753	42.137	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	44513	31.238	ng	83
65) n-Nitrosodiphenylamine	10.51	169	572198	50.933	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	177417	51.478	ng	95
67) Hexachlorobenzene	10.94	284	185288	47.779	ng	95
68) Atrazine	11.03	200	181863	53.630	ng	100
69) Pentachlorophenol	11.14	266	163737	68.249	ng	99
70) Phenanthrene	11.36	178	814826	45.158	ng	99
71) Anthracene	11.41	178	826861	45.080	ng	100
72) Carbazole	11.57	167	751609	41.935	ng	99
73) Di-n-butylphthalate	11.89	149	1014143	46.320	ng	100
74) Fluoranthene	12.55	202	761326	40.383	ng	100
76) Benzidine	12.67	184	477209	73.427	ng	98
77) Pyrene	12.78	202	761211	42.945	ng	99
79) Butylbenzylphthalate	13.39	149	367391	43.995	ng	98
80) Benzo(a)anthracene	13.97	228	697158	48.800	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	227548	42.719	ng	97
82) Chrysene	14.00	228	674300	45.952	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	500144	46.564	ng	99
84) Di-n-octyl phthalate	14.57	149	866232	48.265	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	619137	49.669	ng	97
87) Benzo(b)fluoranthene	15.02	252	737993	48.223	ng	99
88) Benzo(k)fluoranthene	15.05	252	653519	45.232	ng	97
89) Benzo(a)pyrene	15.38	252	664579	48.534	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	526850	46.847	ng	99
91) Benzo(g,h,i)perylene	17.33	276	479765	44.033	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104609.D

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BNA_F

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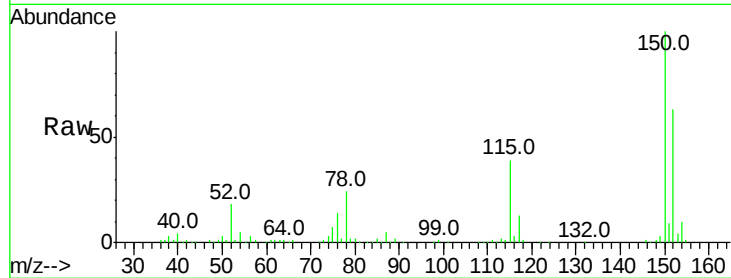
Tot Ion:152 Resp: 118802

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

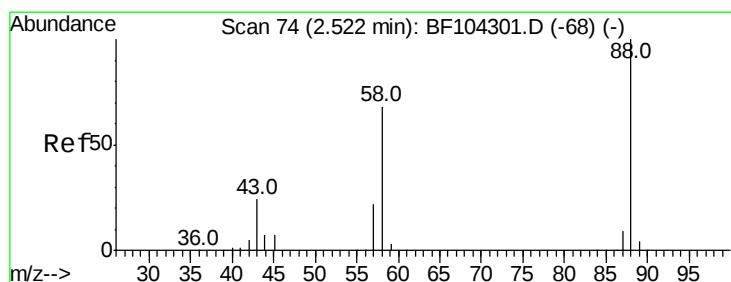
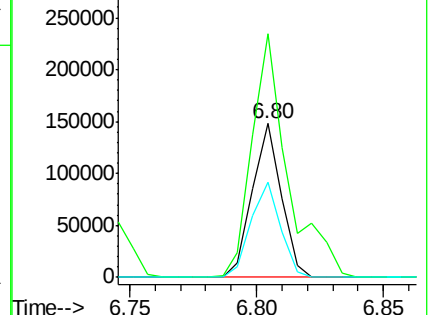
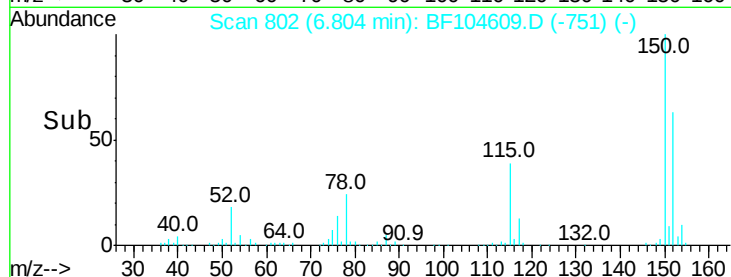
115 62.0 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.832 ng

RT: 2.58 min Scan# 84

Delta R.T. 0.06 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

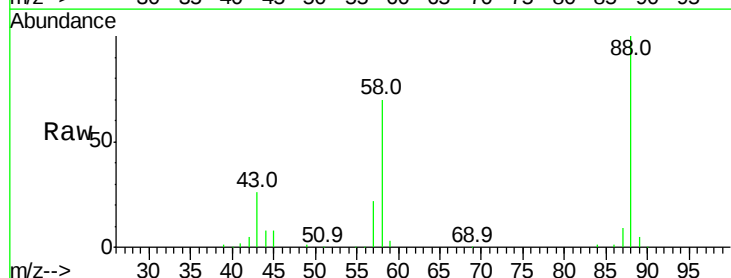
Tgt Ion: 88 Resp: 147824

Ion Ratio Lower Upper

88 100

58 70.6 62.6 93.8

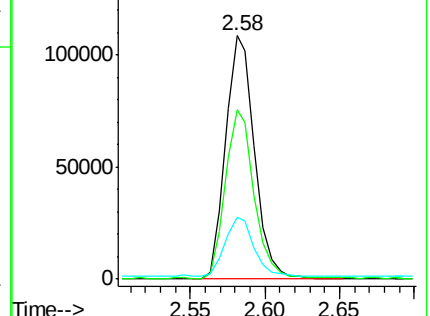
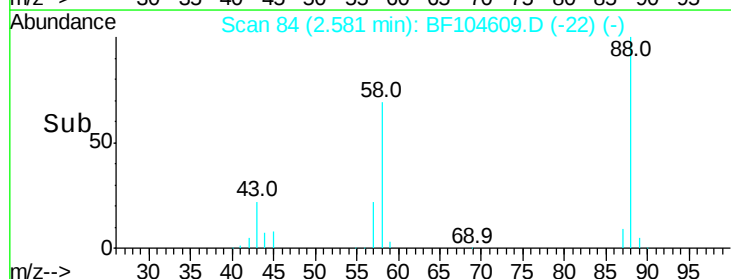
43 24.2 24.6 37.0#

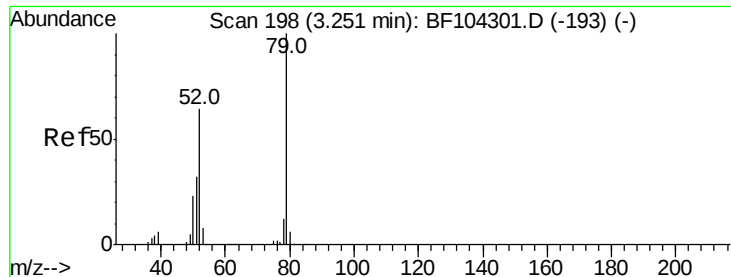


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

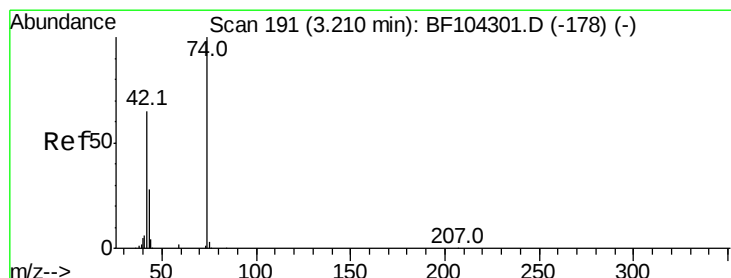
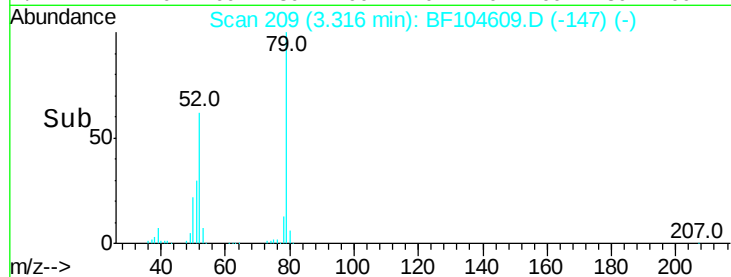
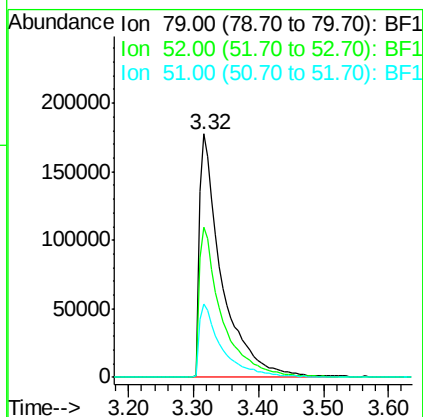
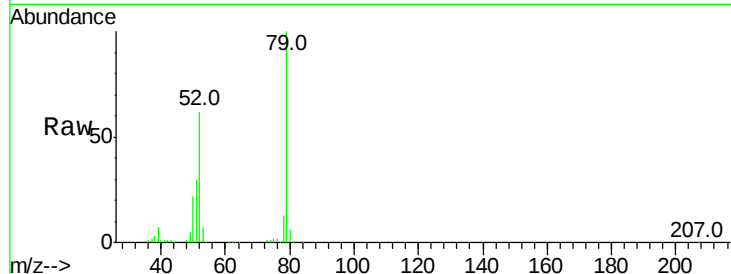




#3
 Pvridine
 Concen: 41.357 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

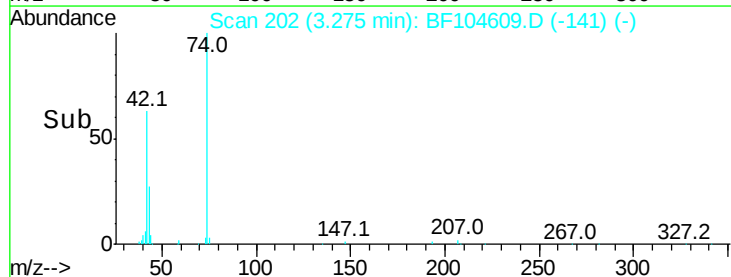
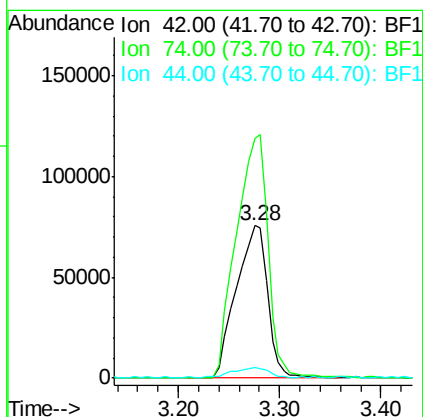
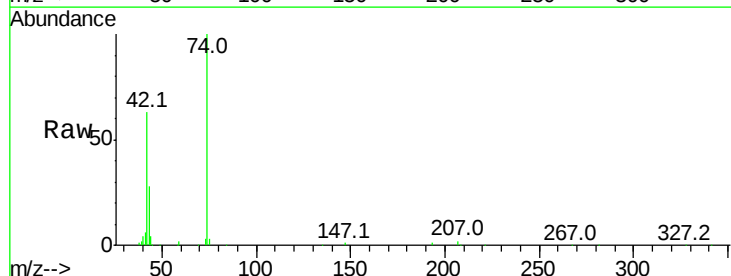
Instrument :
 BNA_F
 ClientSampleId :

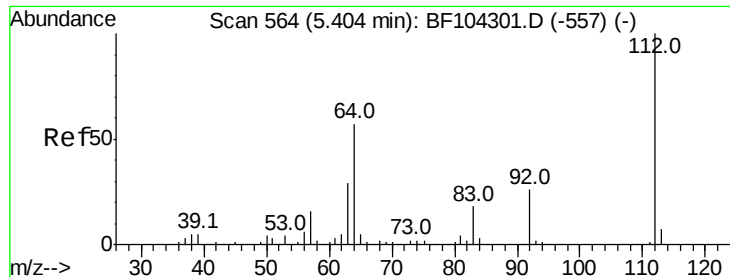
Tot Ion: 79 Resp: 420964
 Ion Ratio Lower Upper
 79 100
 52 61.6 59.8 89.6
 51 30.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.843 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.06 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion: 42 Resp: 163114
 Ion Ratio Lower Upper
 42 100
 74 157.5 104.9 157.3#
 44 7.0 6.9 10.3

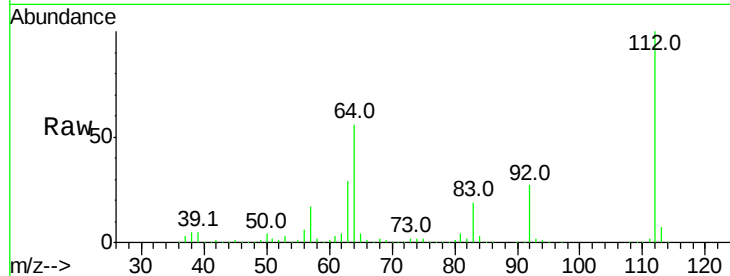




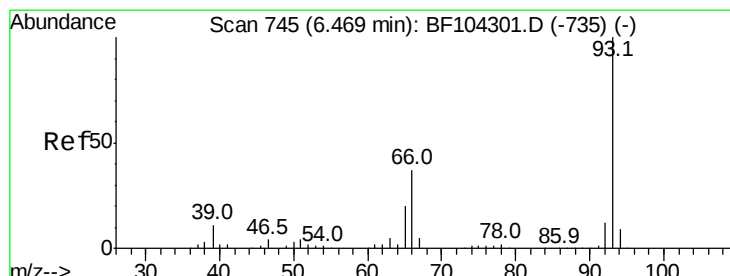
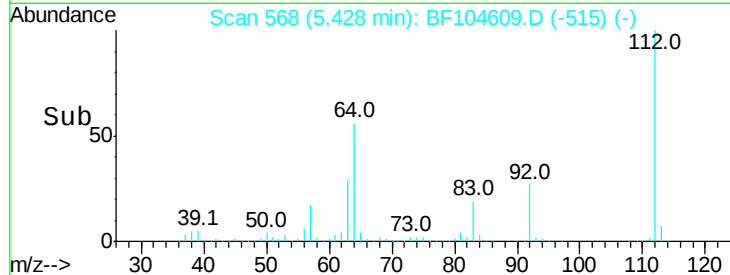
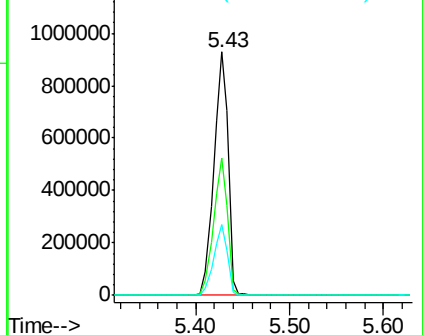
#5
 2-Fluorophenol
 Concen: 128.346 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 997200
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 29.3 23.7 35.5

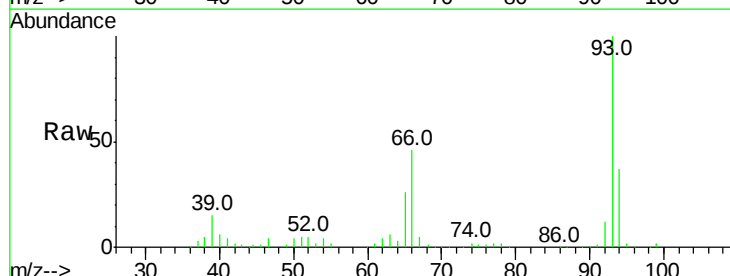


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

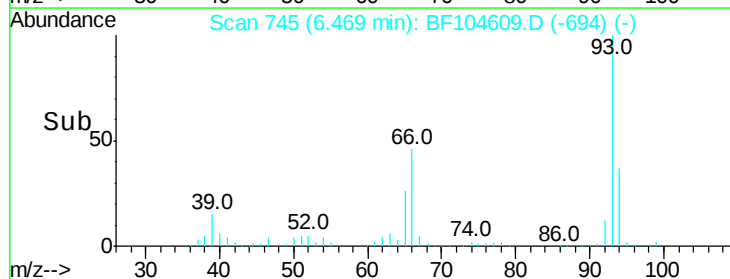
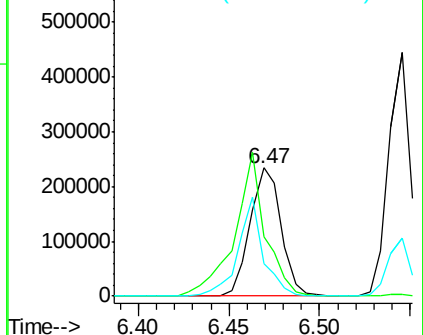


#6
 Aniline
 Concen: 21.171 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion: 93 Resp: 280785
 Ion Ratio Lower Upper
 93 100
 66 46.3 32.2 48.2
 65 25.8 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: 126.991 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

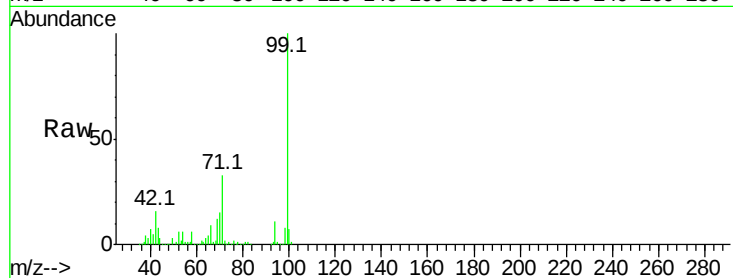
Tot Ion: 99 Resp: 1212304

Ion Ratio Lower Upper

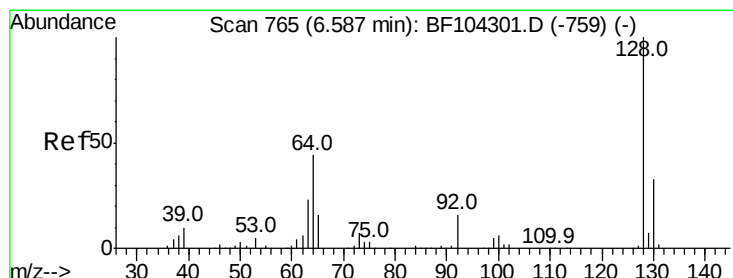
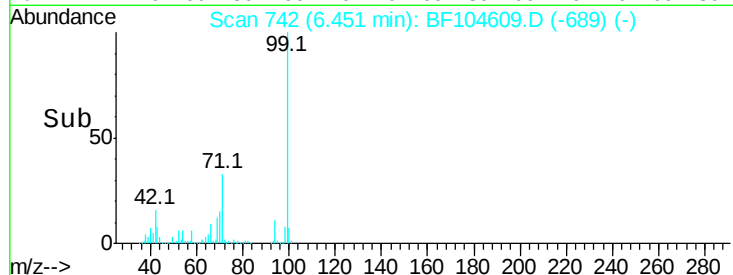
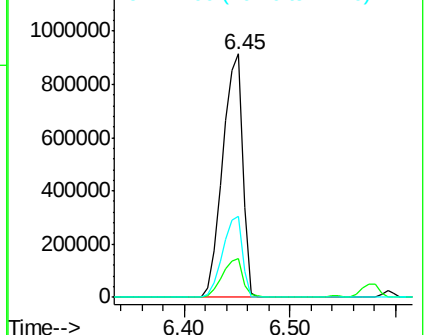
99 100

42 15.9 14.5 21.7

71 33.3 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: 47.020 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

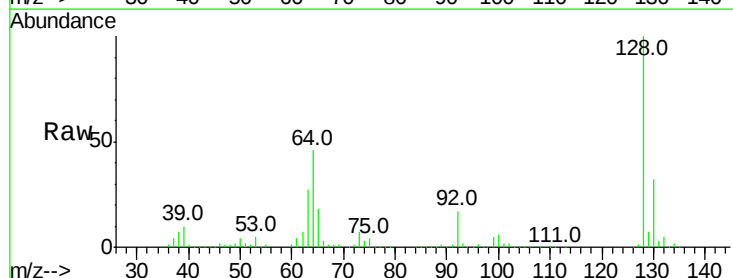
Tgt Ion:128 Resp: 385593

Ion Ratio Lower Upper

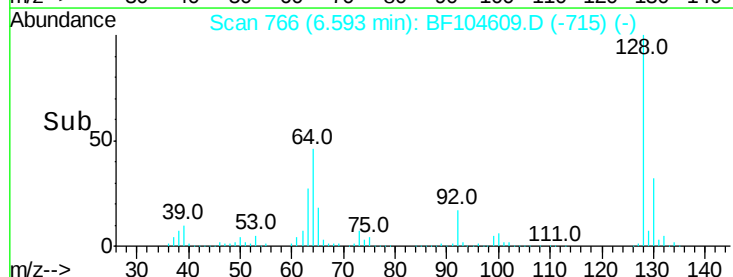
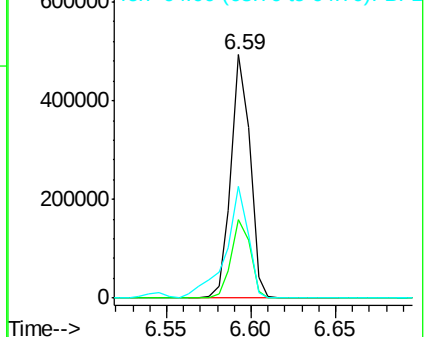
128 100

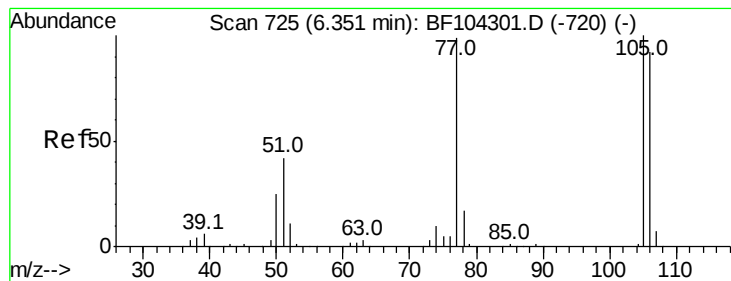
130 32.1 13.0 53.0

64 45.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 60.754 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

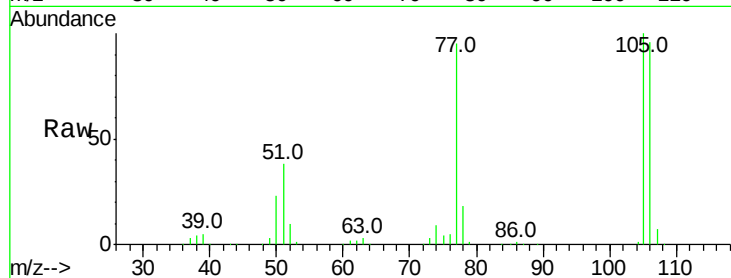
Tot Ion: 77 Resp: 245425

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

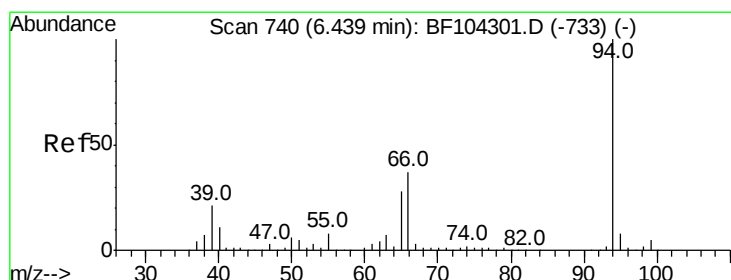
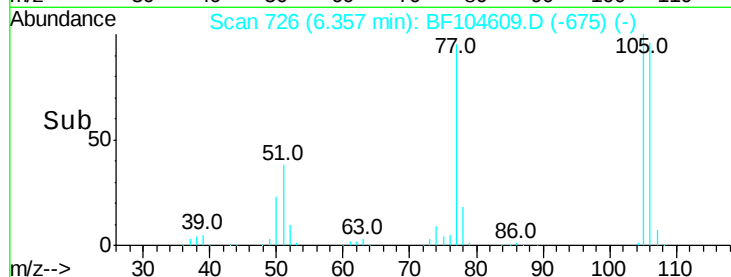
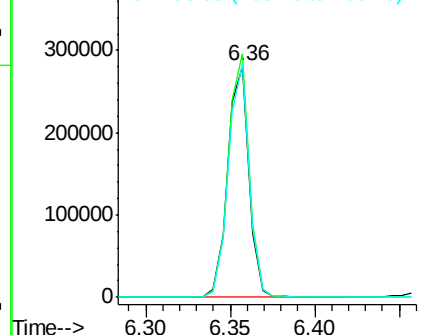
106 101.2 74.5 114.5



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: 44.664 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

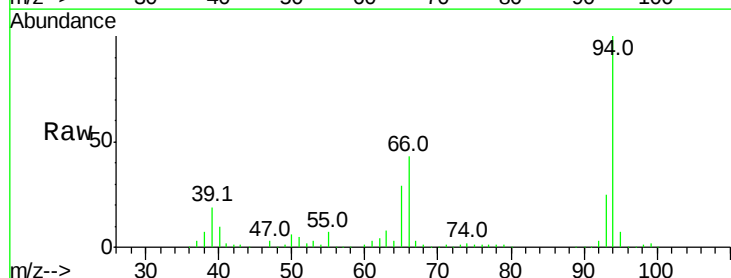
Tgt Ion: 94 Resp: 452406

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

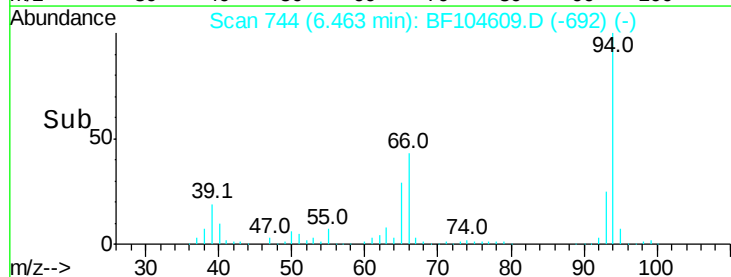
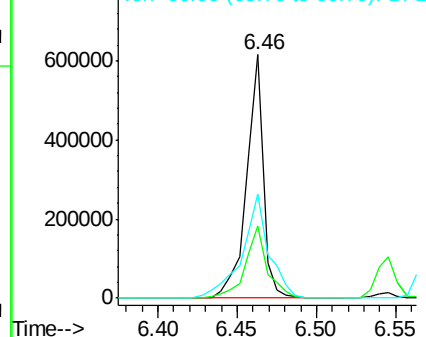
66 42.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.962 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampled :

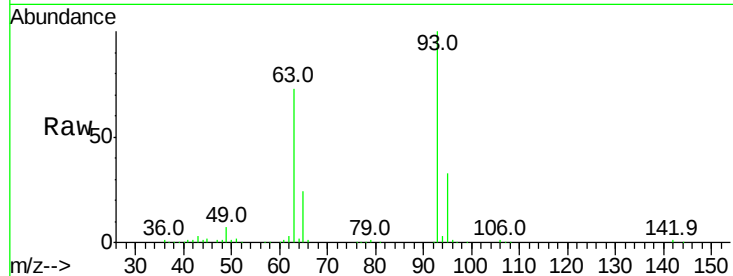
Tot Ion: 93 Resp: 363430

Ion Ratio Lower Upper

93 100

63 72.7 58.6 98.6

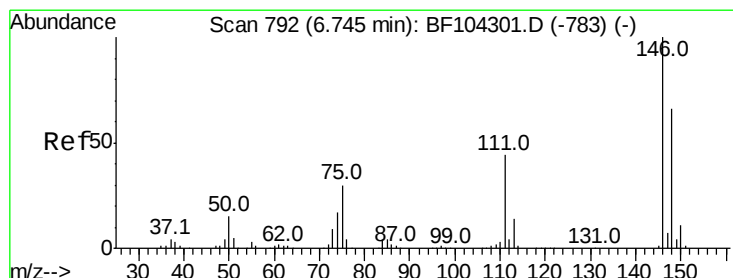
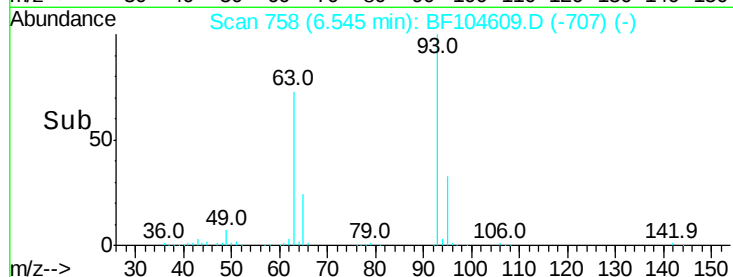
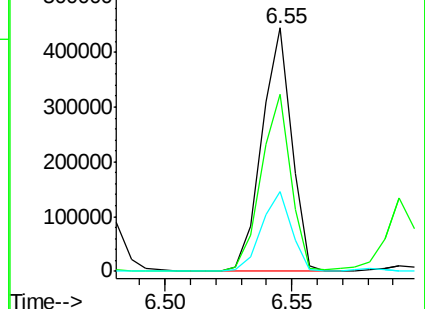
95 33.0 11.8 51.8



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: 43.594 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

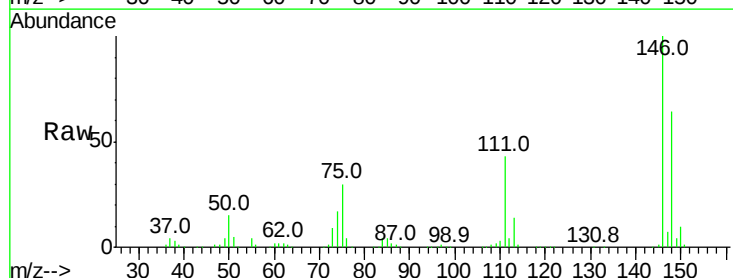
Tgt Ion: 146 Resp: 405008

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

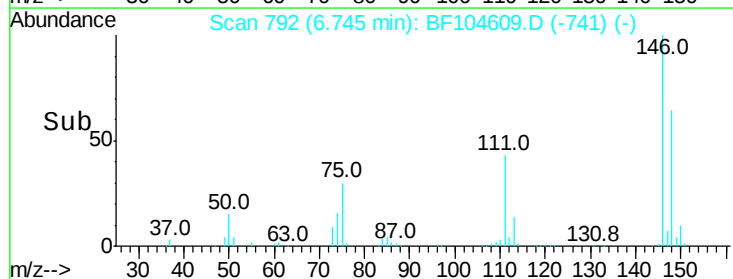
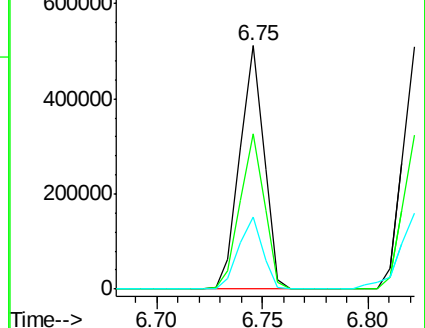
75 29.9 24.2 36.4

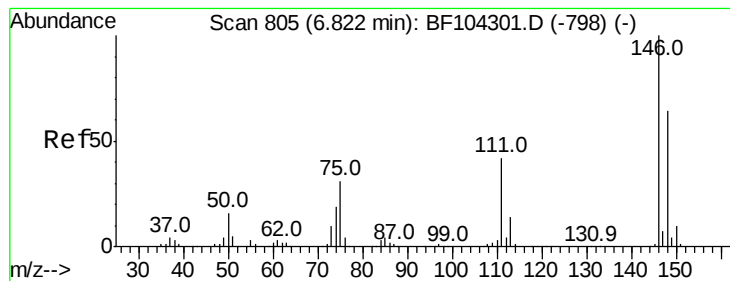


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.171 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

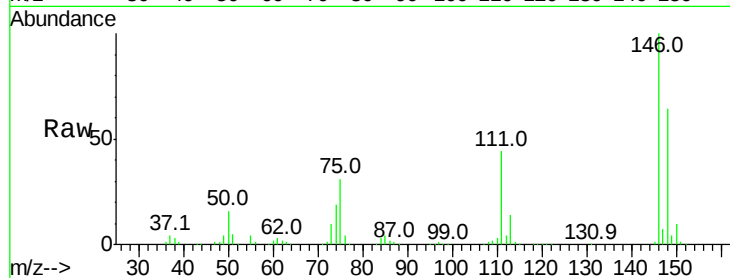
Tot Ion:146 Resp: 409060

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

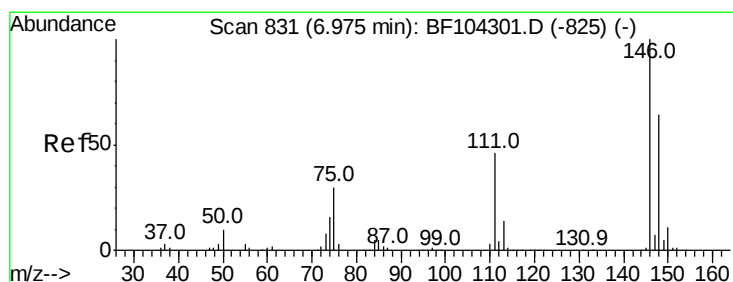
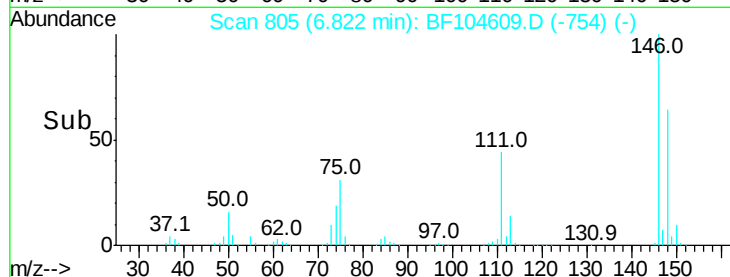
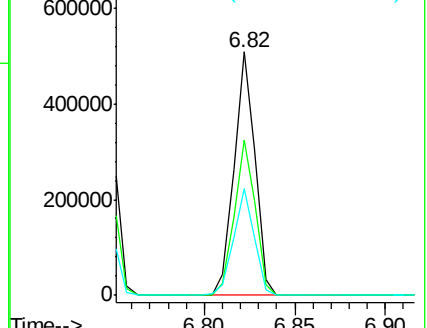
111 44.0 34.2 51.2



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: 44.052 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

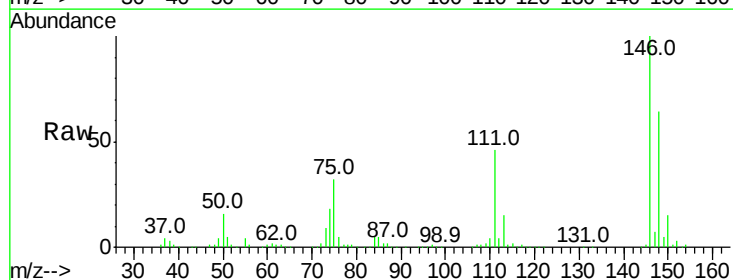
Tgt Ion:146 Resp: 378055

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

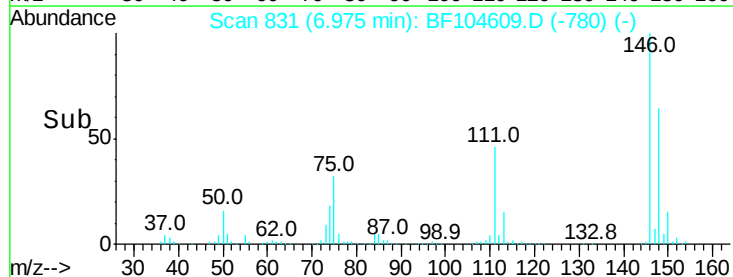
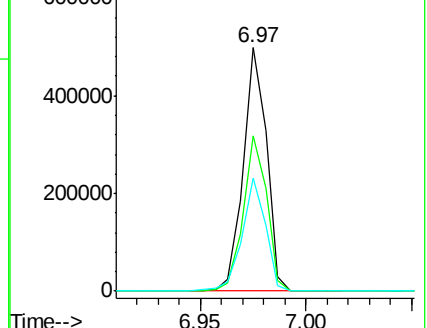
111 46.3 36.0 54.0

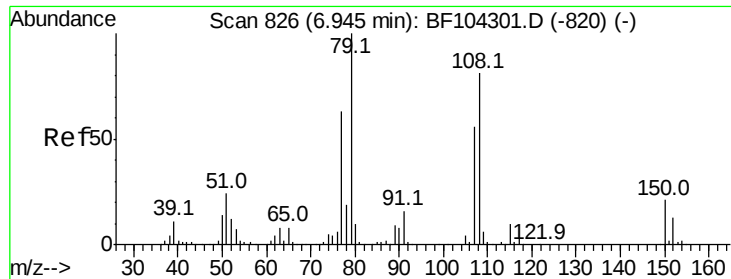


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

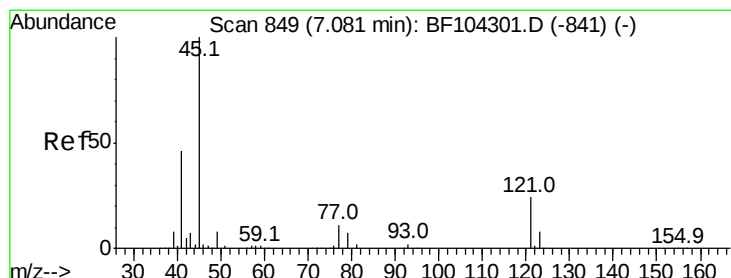
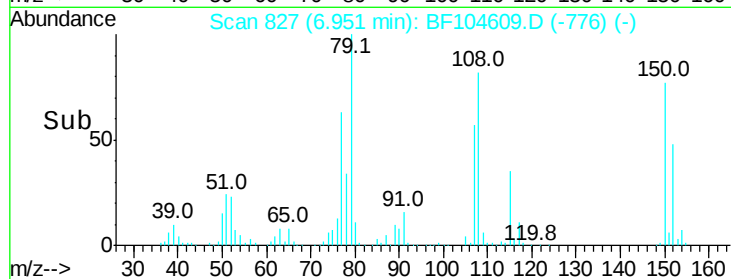
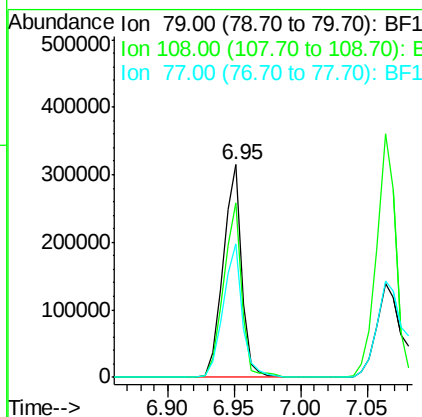
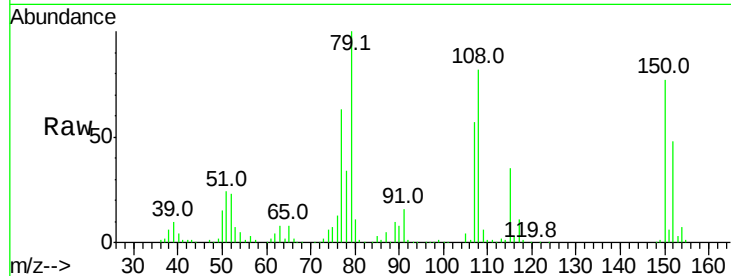




#15
Benzyl Alcohol
Concen: 42.858 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

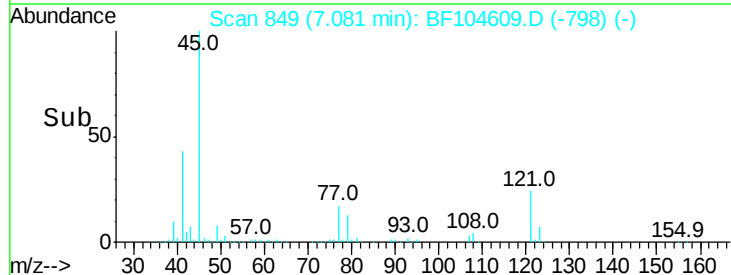
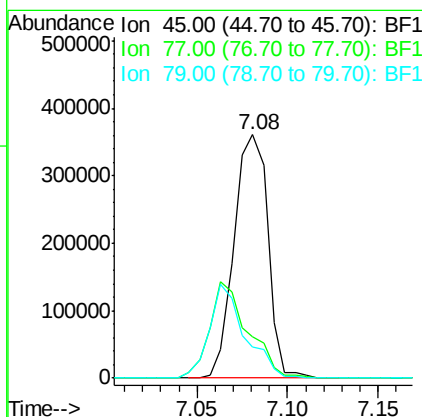
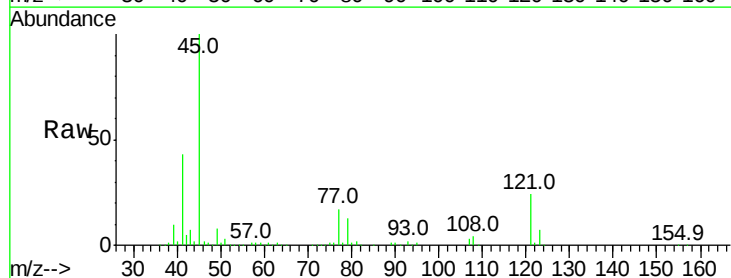
Instrument :
BNA_F
ClientSampled :

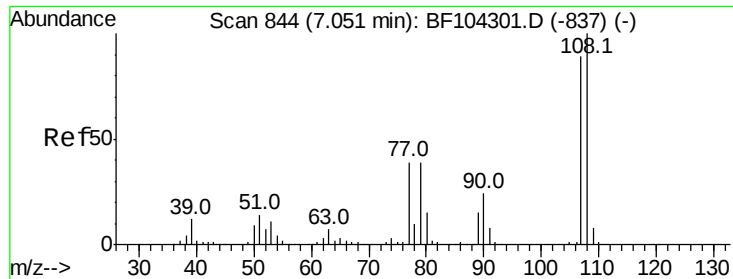
Tot Ion: 79 Resp: 310750
Ion Ratio Lower Upper
79 100
108 82.3 65.1 97.7
77 62.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.219 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion: 45 Resp: 469149
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.9
79 12.7 0.0 29.6





#17

2-Methylphenol

Concen: 44.755 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 319036

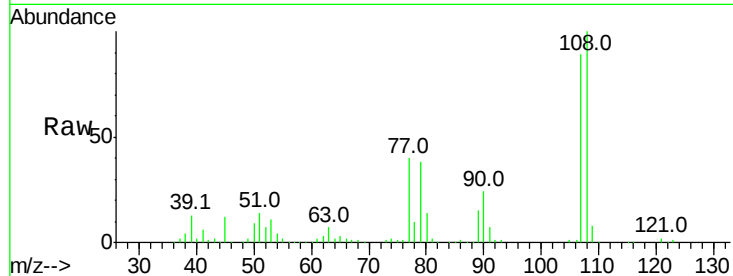
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 44.8 33.8 50.8

79 43.2 33.8 50.8

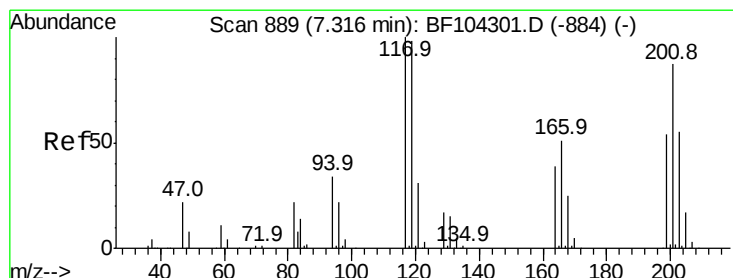
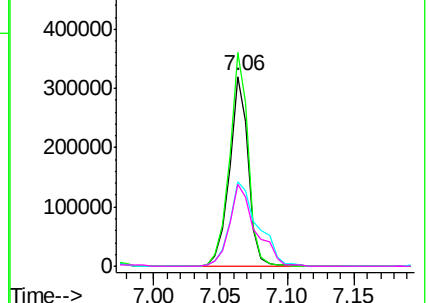
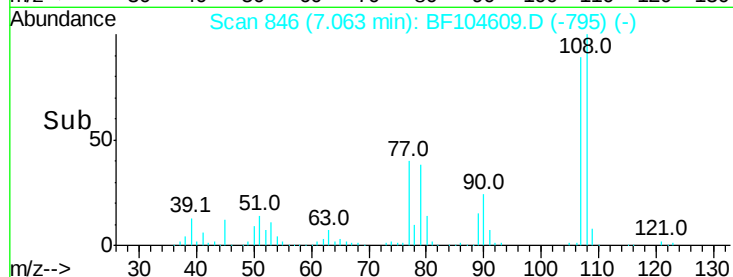


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.207 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

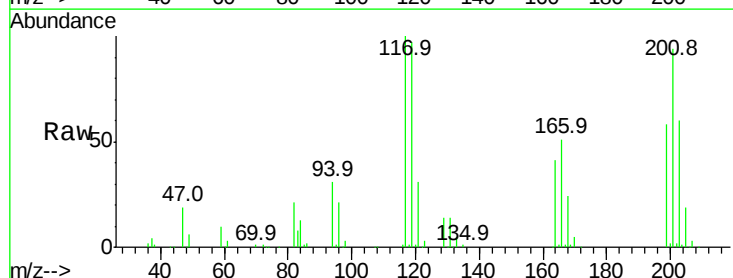
Tgt Ion:117 Resp: 142665

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

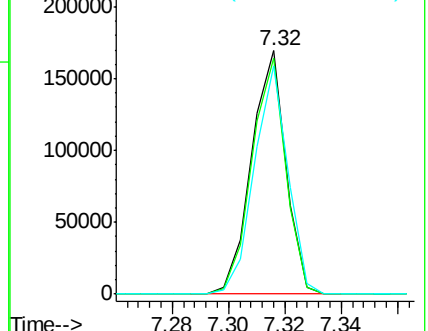
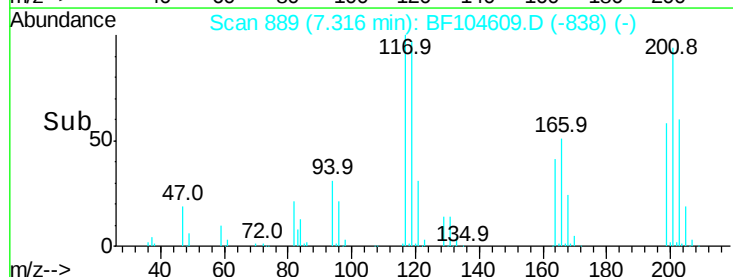
201 93.9 75.7 113.5

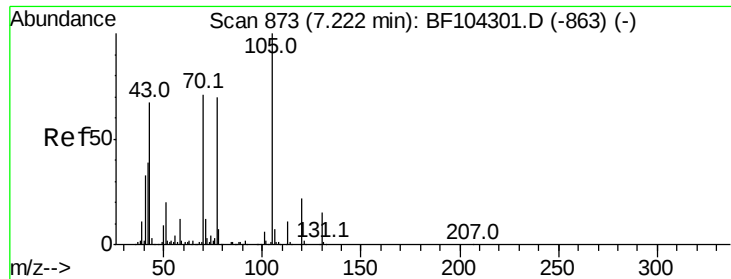


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

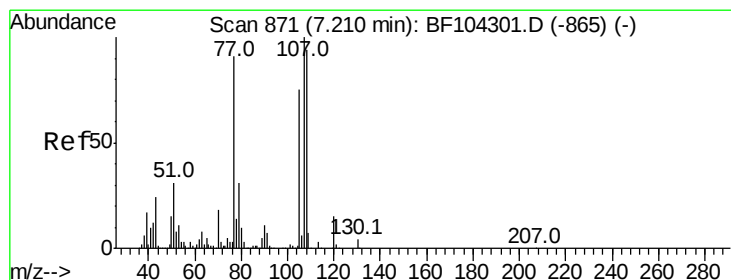
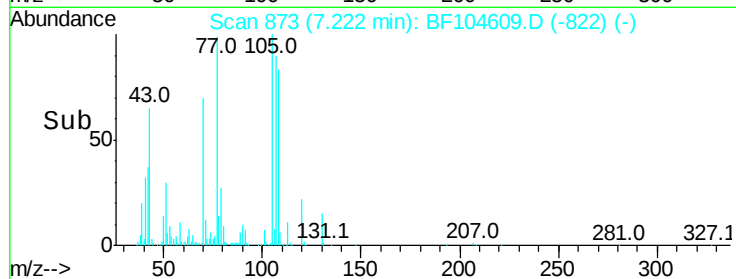
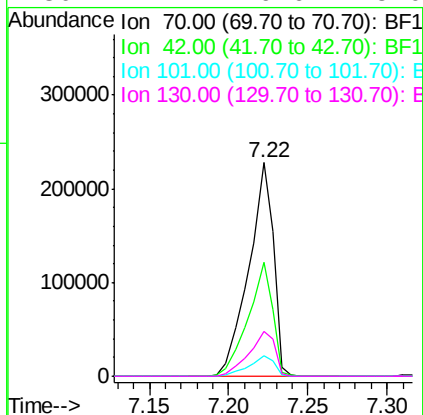
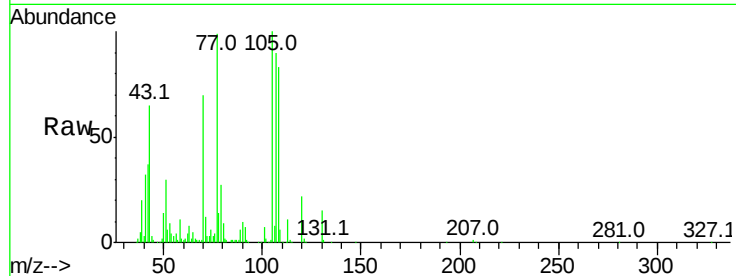




#19
n-Nitroso-di-n-propylamine
Concen: 39.440 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

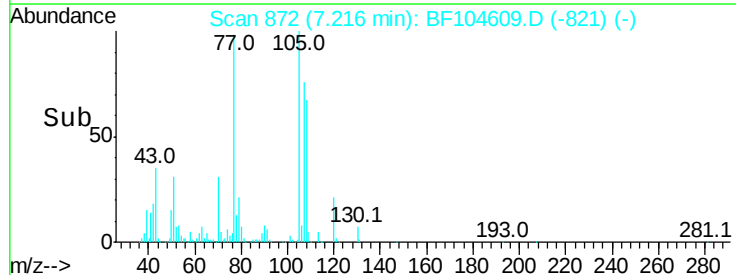
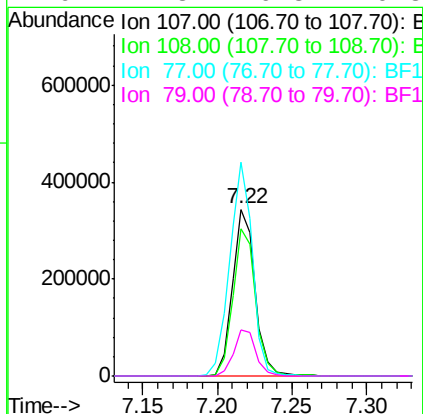
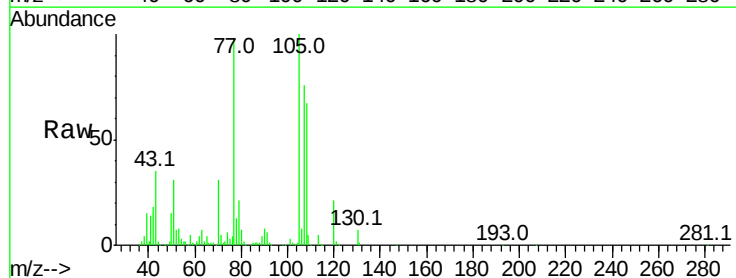
Instrument :
BNA_F
ClientSampleId :

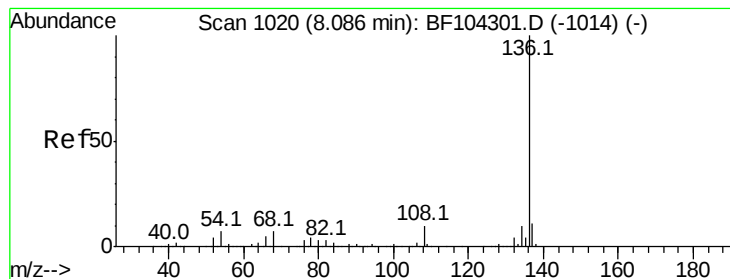
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	9.4	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.382 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	128.0	26.7	66.7#
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

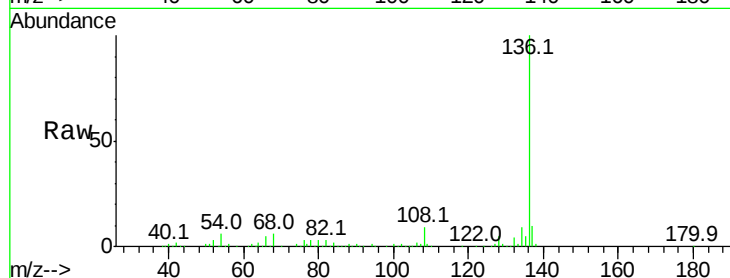
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 484478

Ion Ratio Lower Upper

136	100		
137	10.2	8.9	13.3
54	6.4	6.6	9.8#
68	5.9	5.0	7.4



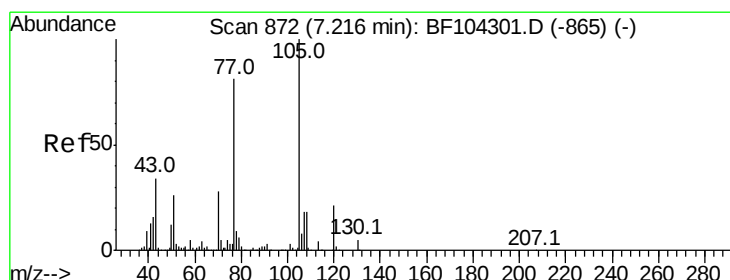
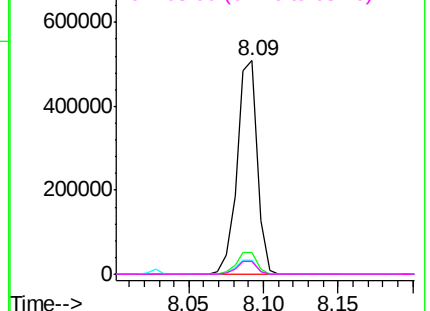
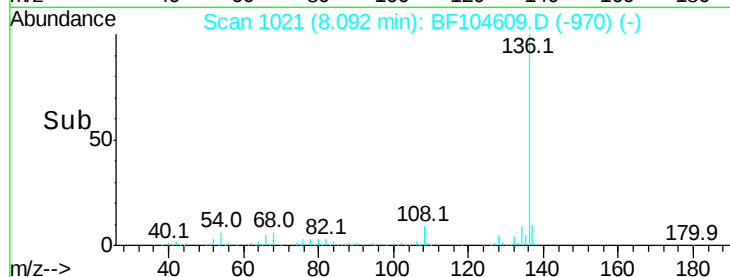
Abundance Ion 136.00 (135.70 to 136.70): E

800000

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: 41.164 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

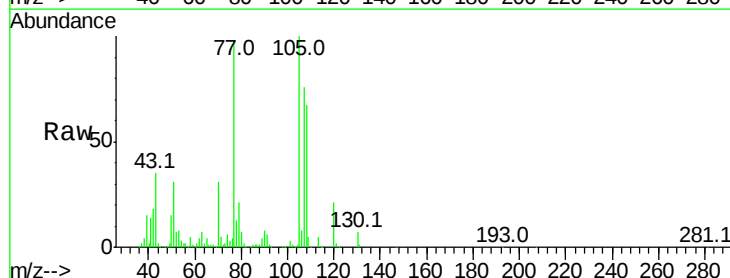
Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:105 Resp: 490989

Ion Ratio Lower Upper

105	100		
71	5.2	4.4	6.6
51	31.5	22.3	33.5
120	21.2	16.9	25.3



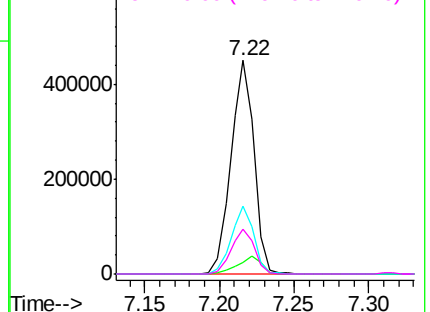
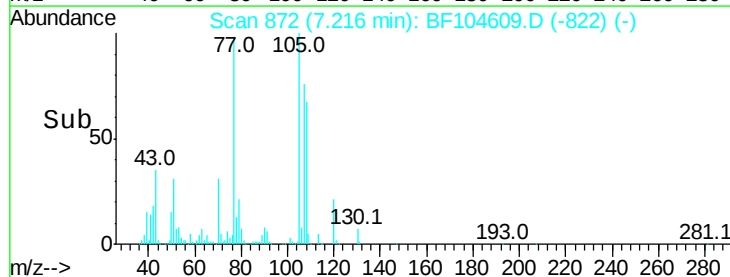
Abundance Ion 105.00 (104.70 to 105.70): E

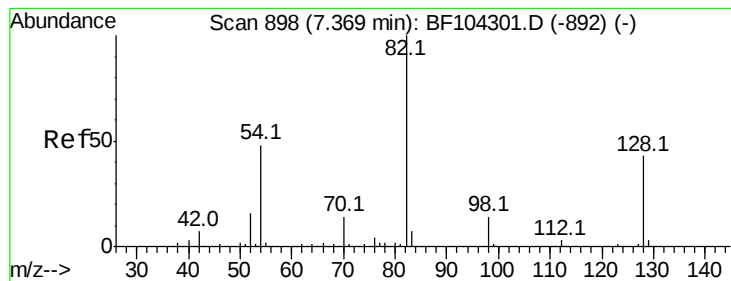
600000

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: 104.291 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

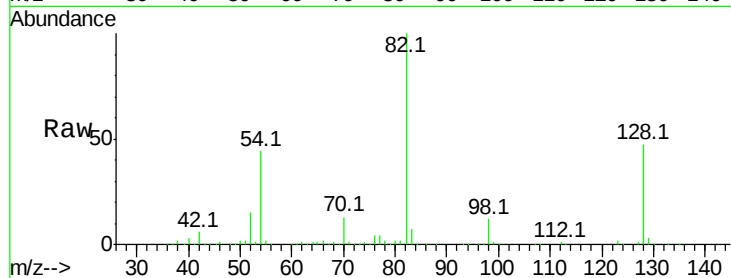
Tot Ion: 82 Resp: 773784

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

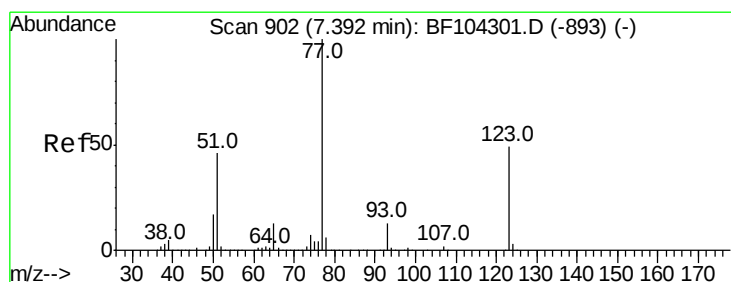
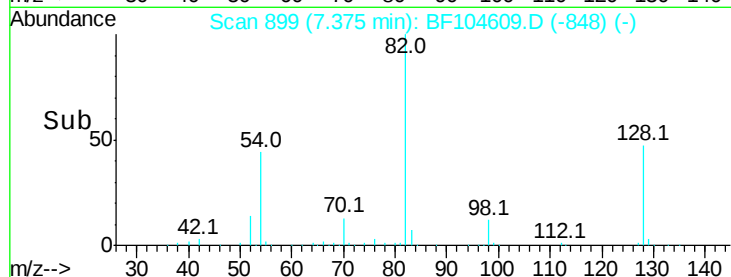
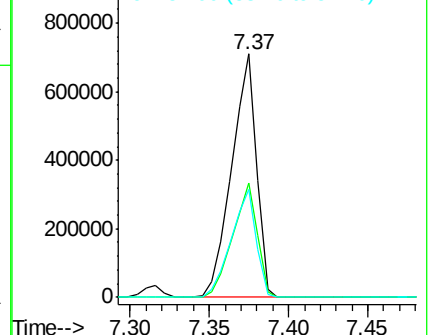
54 44.4 41.4 62.2



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: 48.225 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

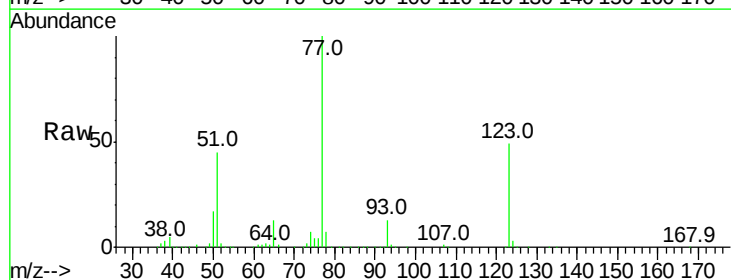
Tgt Ion: 77 Resp: 395041

Ion Ratio Lower Upper

77 100

123 48.6 37.9 56.9

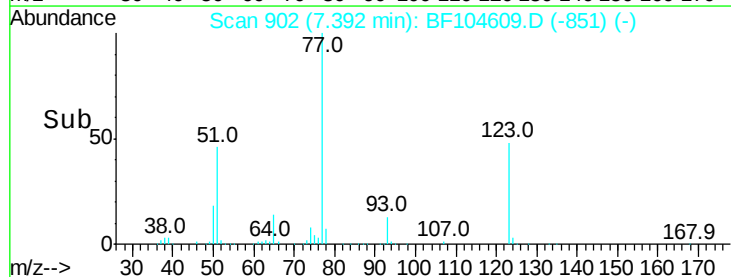
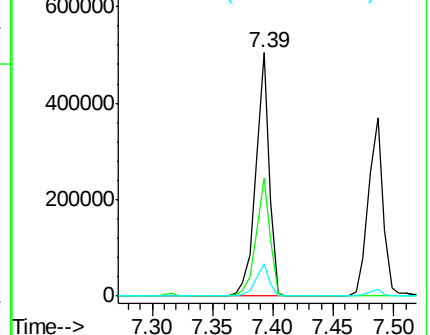
65 13.1 11.0 16.4

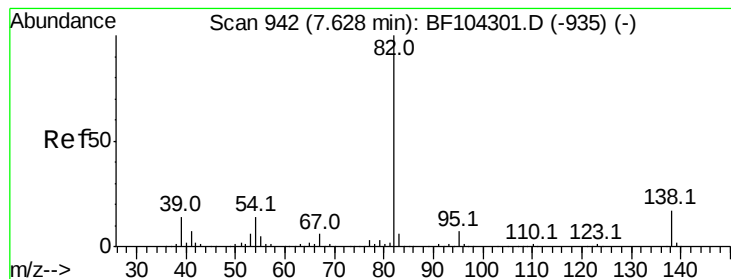


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.457 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

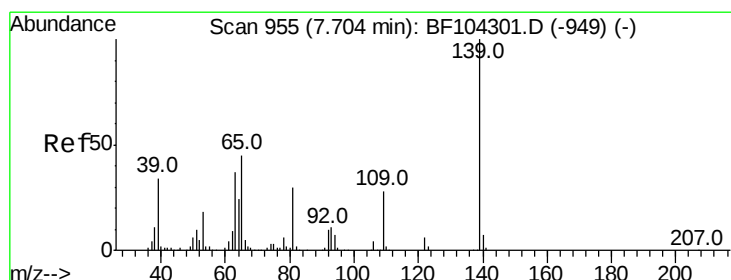
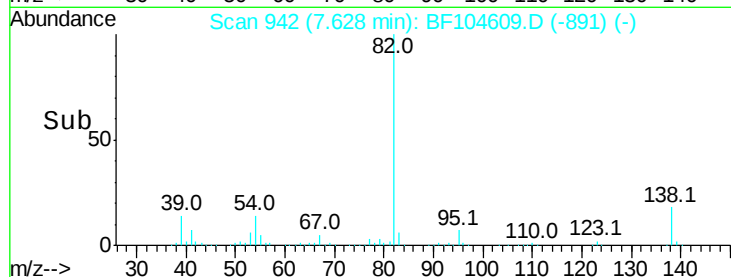
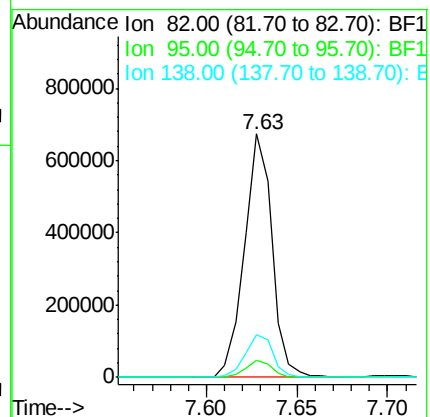
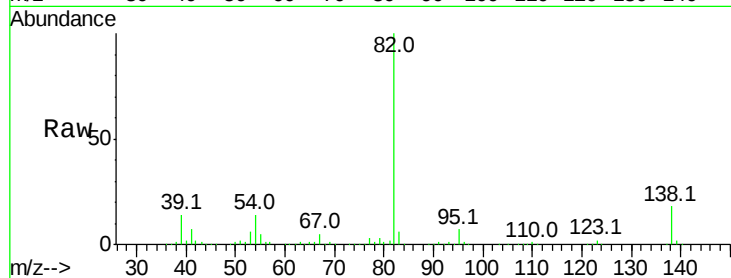
Tot Ion: 82 Resp: 713192

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 60.700 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

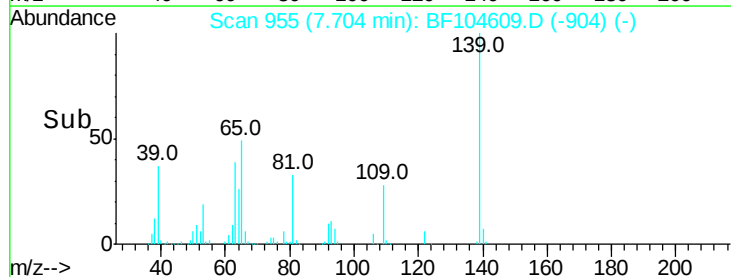
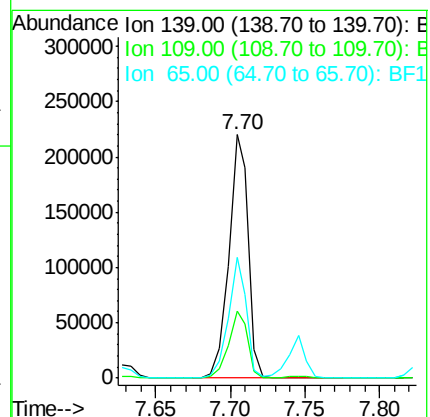
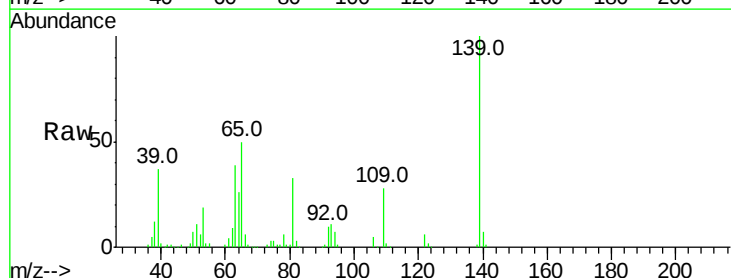
Tgt Ion: 139 Resp: 202425

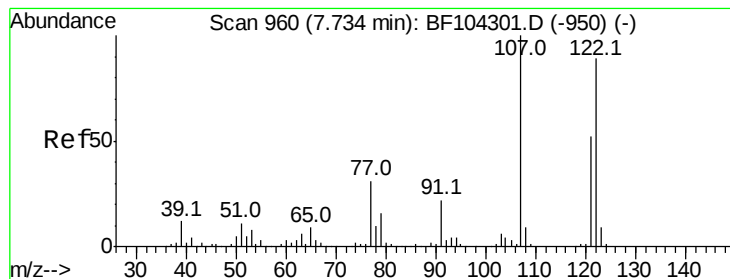
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 49.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.119 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampled :

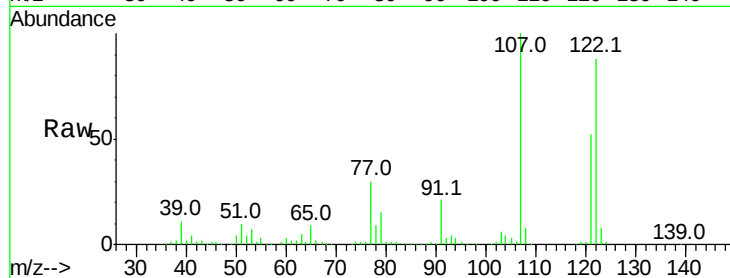
Tot Ion:122 Resp: 333191

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

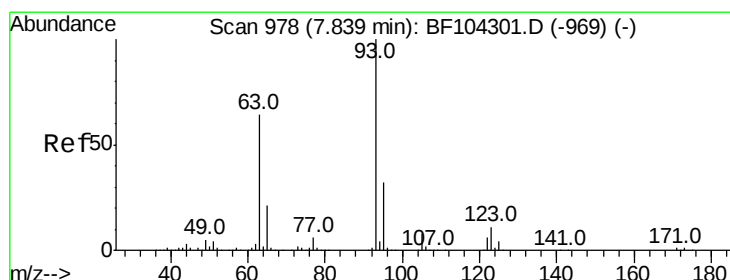
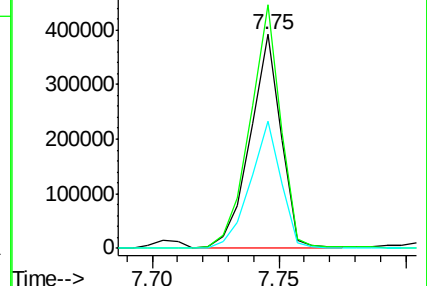
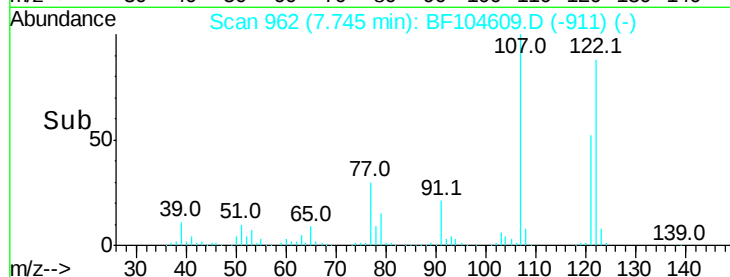
121 59.6 47.2 70.8



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: 48.213 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

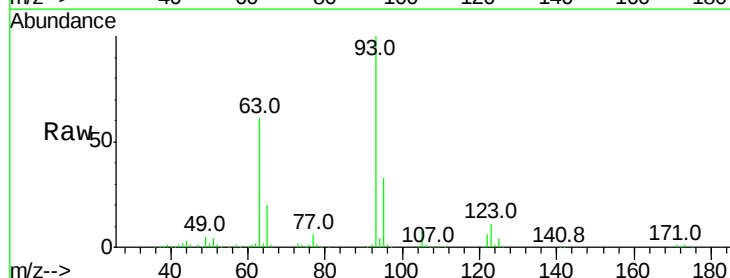
Tgt Ion: 93 Resp: 462500

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

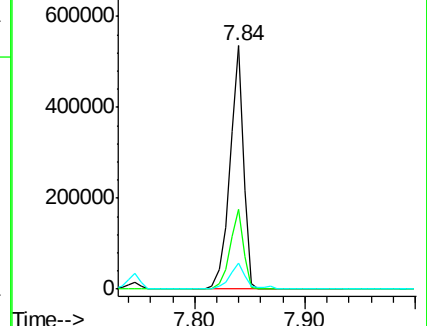
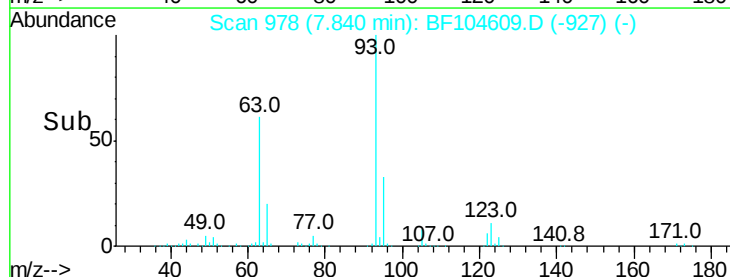
123 10.8 9.8 14.6

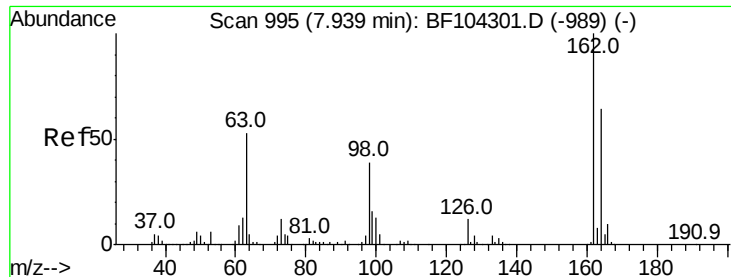


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.717 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampled :

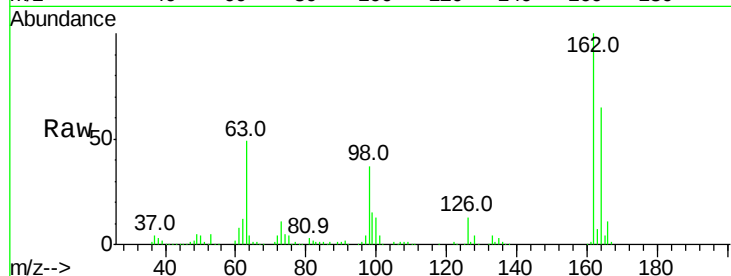
Tot Ion:162 Resp: 308652

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

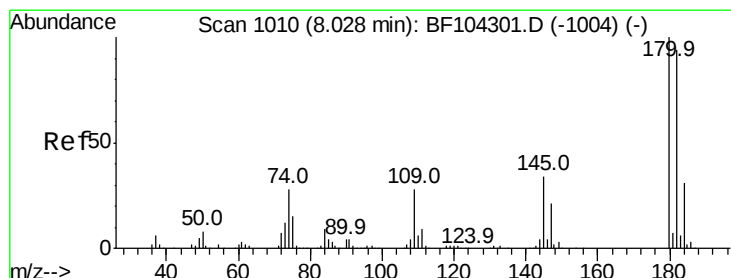
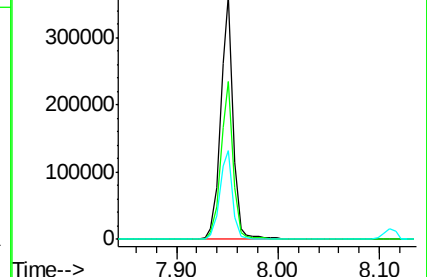
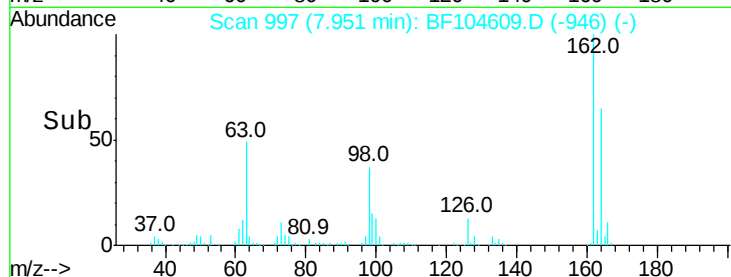
98 36.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.960 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

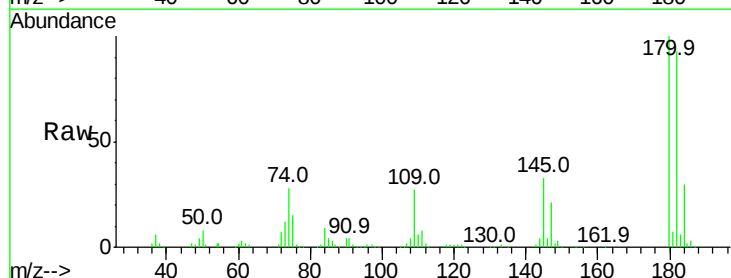
Tgt Ion:180 Resp: 318739

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

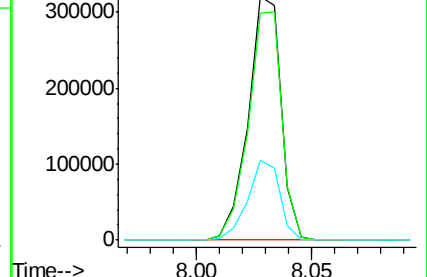
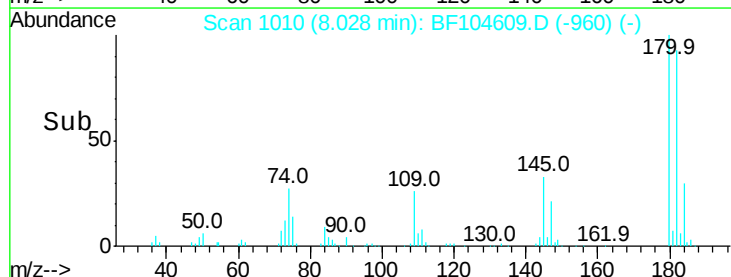
145 32.6 26.5 39.7

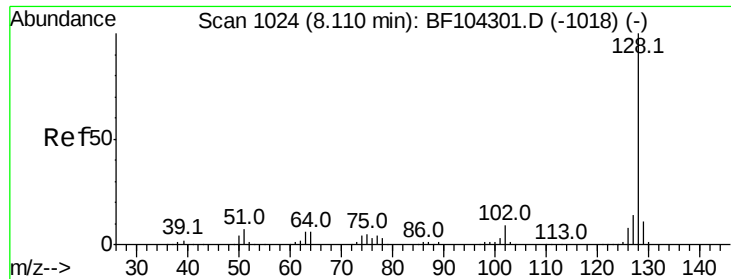


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.014 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

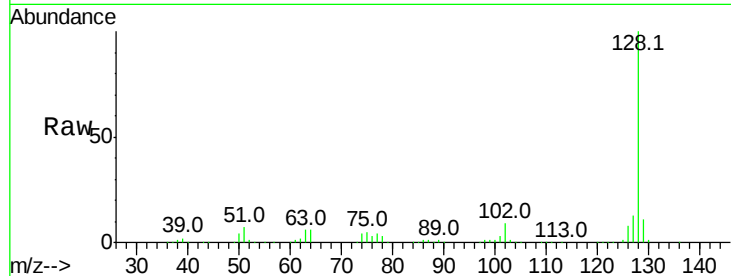
Tot Ion:128 Resp: 1061818

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

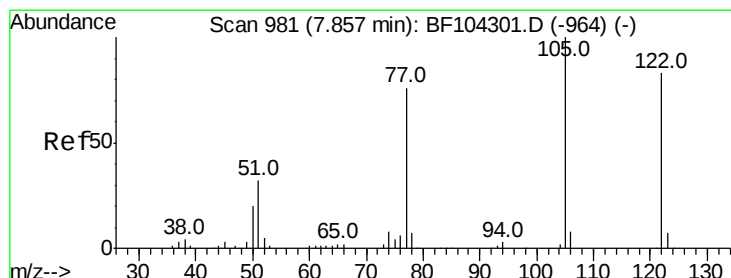
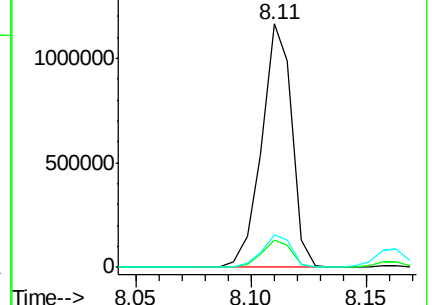
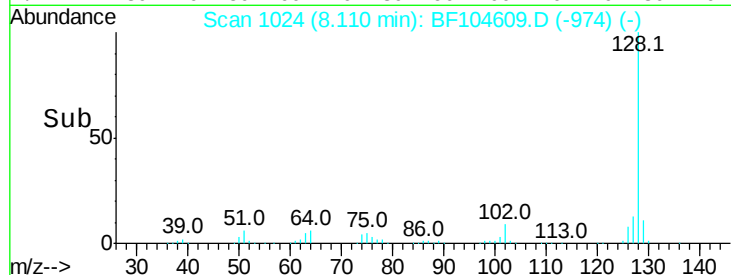
127 13.3 10.9 16.3



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: 36.123 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

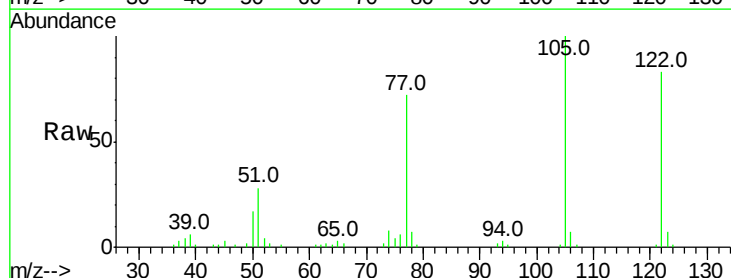
Tgt Ion:122 Resp: 199572

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

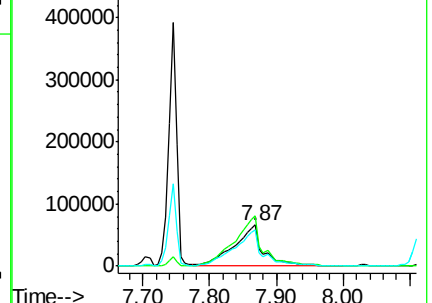
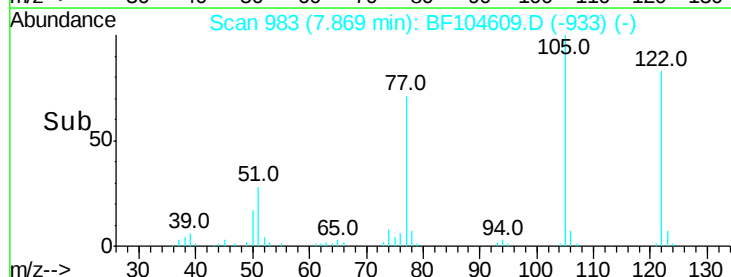
77 87.1 70.7 110.7

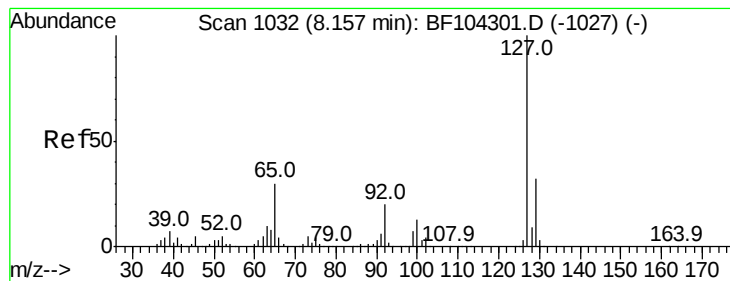


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 9.215 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 95238

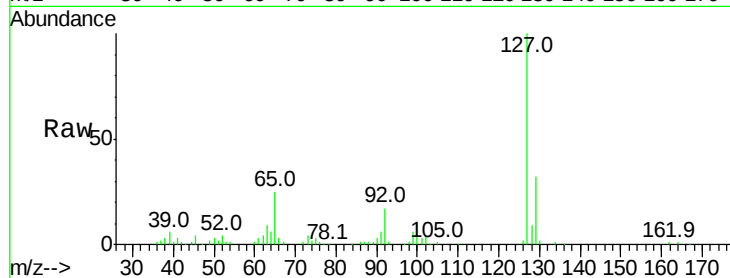
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 24.8 25.0 37.4#

92 17.3 15.2 22.8

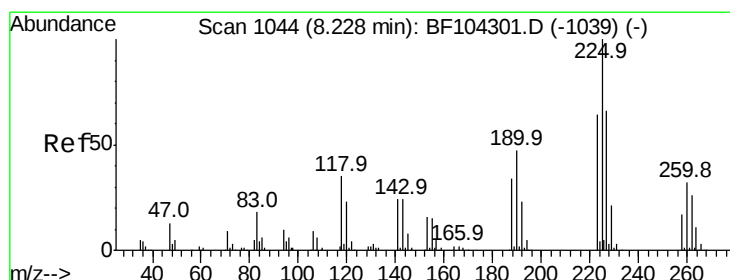
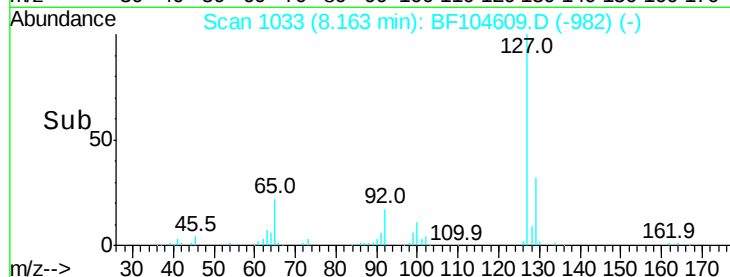
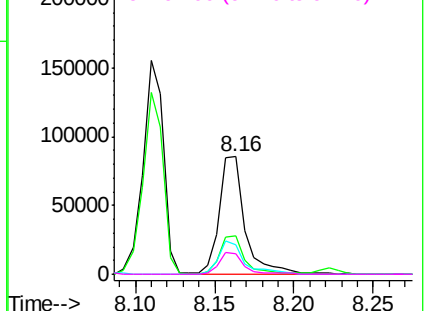


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.387 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

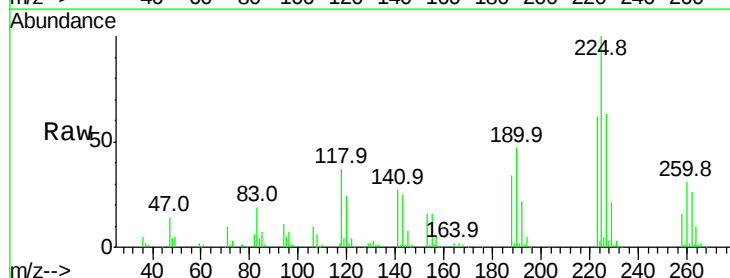
Tgt Ion:225 Resp: 172311

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

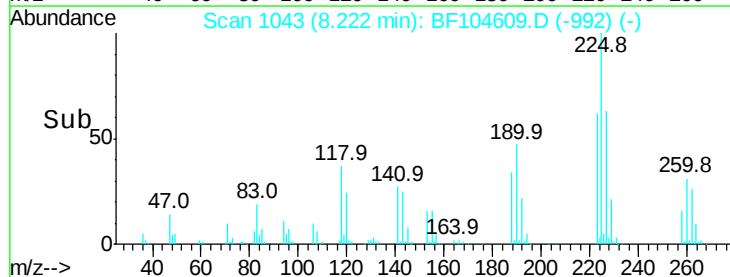
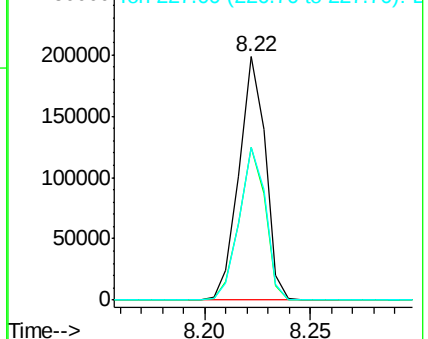
227 62.6 51.9 77.9

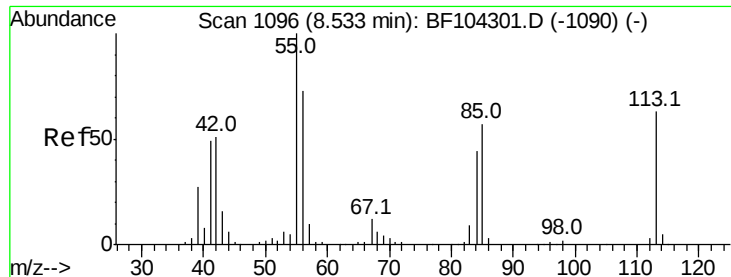


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.907 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

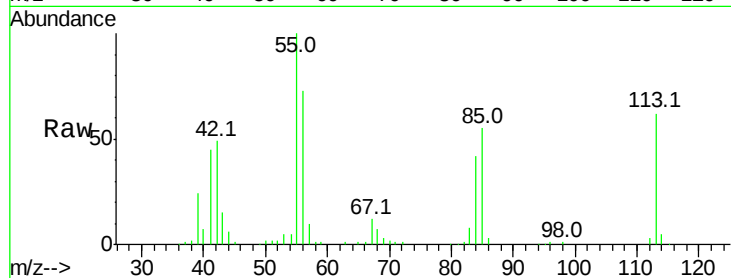
Tot Ion:113 Resp: 101197

Ion Ratio Lower Upper

113 100

55 162.4 163.3 203.3#

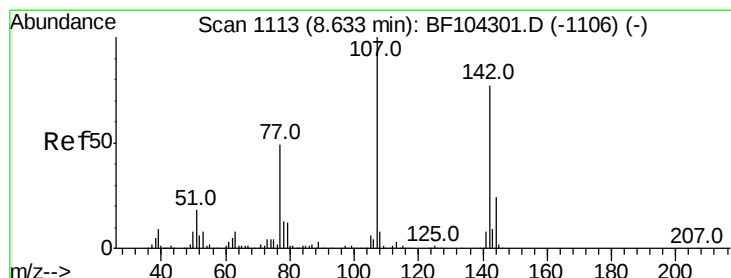
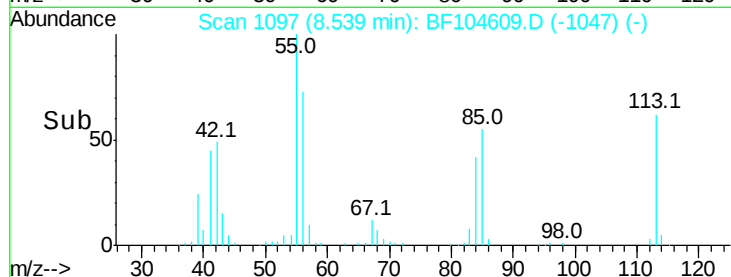
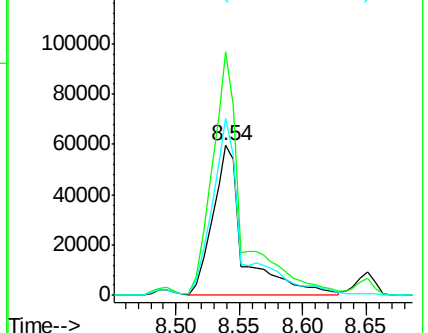
56 118.0 115.7 155.7



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: 46.207 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

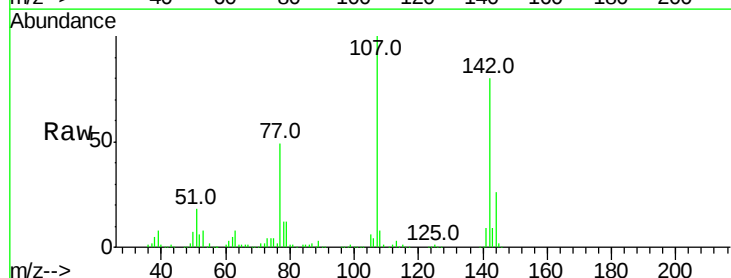
Tgt Ion:107 Resp: 327340

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

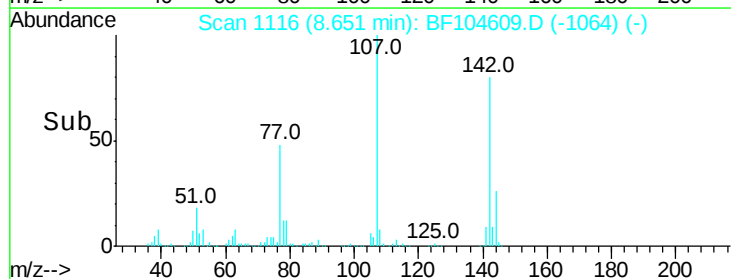
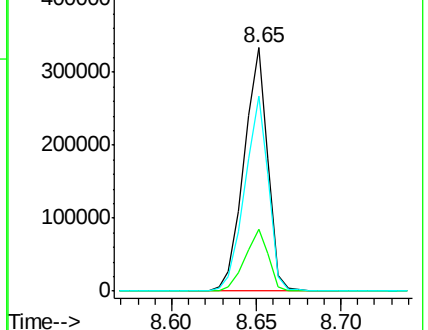
142 80.0 62.0 93.0

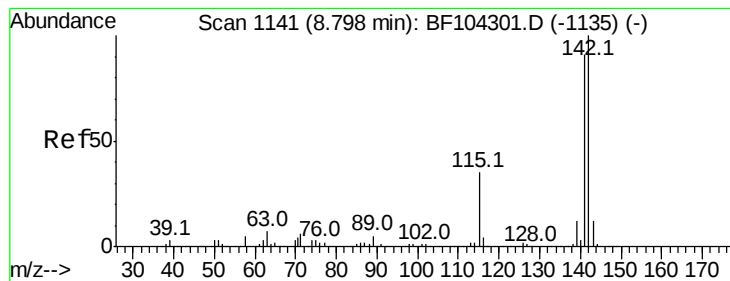


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.728 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

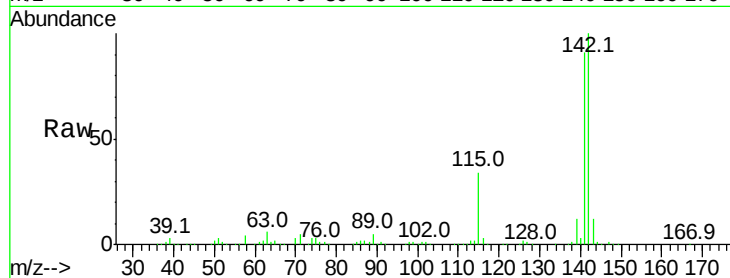
Tot Ion:142 Resp: 682373

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

115 34.3 26.1 39.1



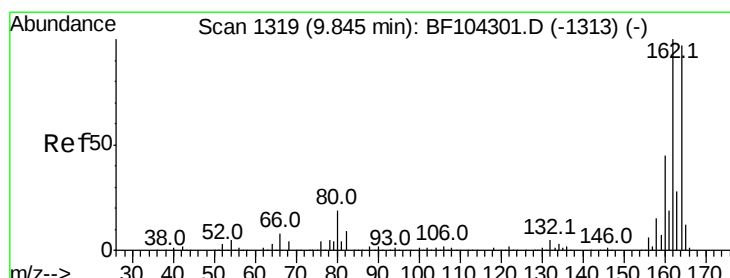
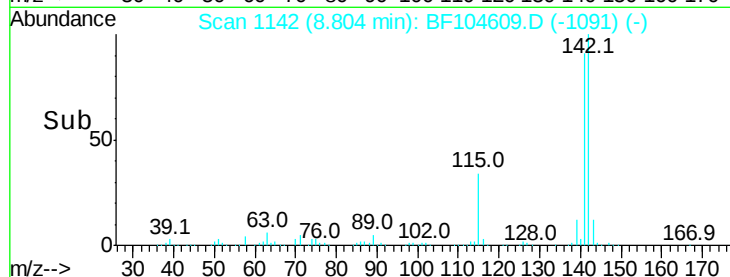
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.80

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

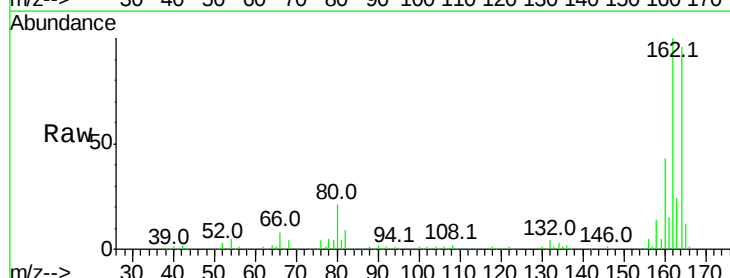
Tgt Ion:164 Resp: 209303

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 45.2 38.3 57.5



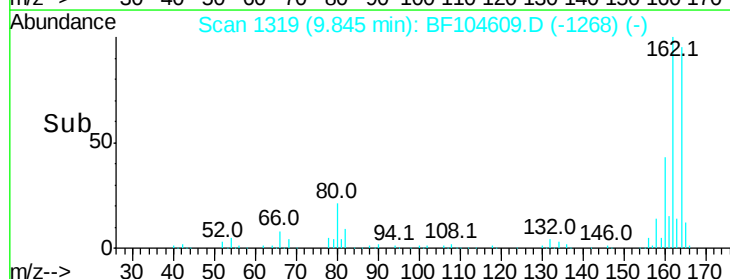
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.85

Time-->

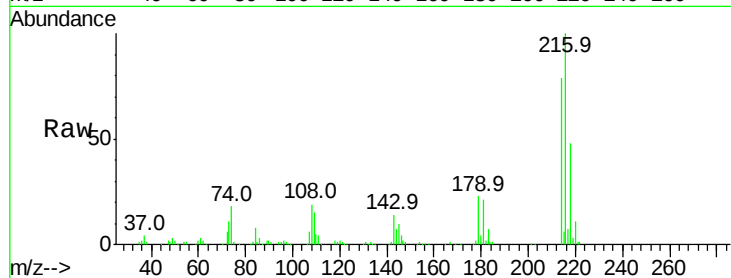




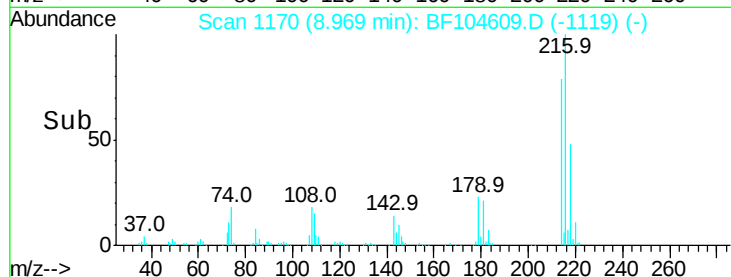
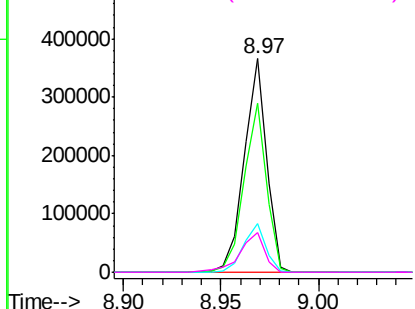
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.757 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	292123
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.5	18.1	27.1
108	20.7	17.2	25.8

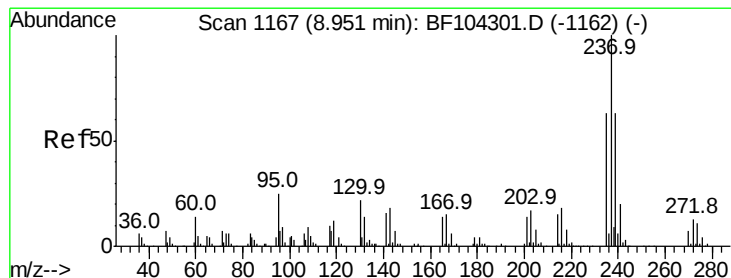


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

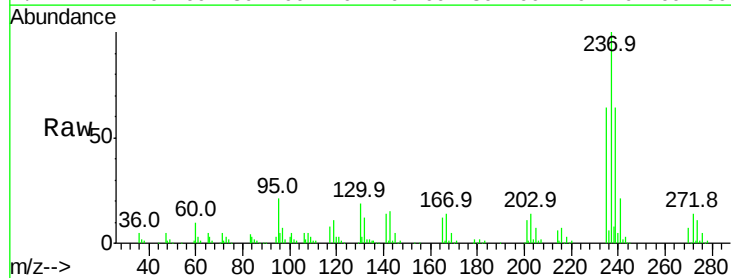
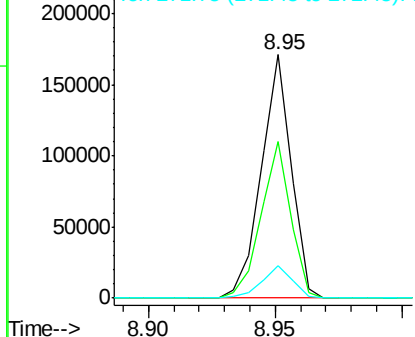


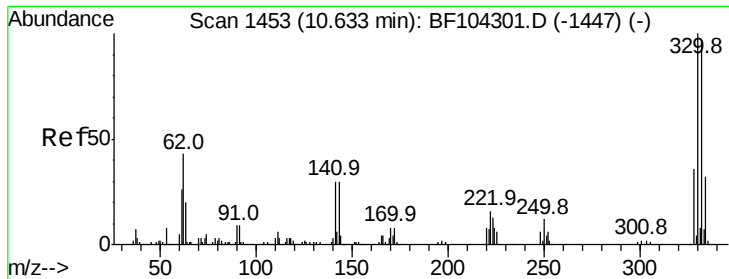
#40
 Hexachlorocyclopentadiene
 Concen: 41.909 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:	237	Resp:	140572
Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.8	84.8
272	13.5	0.0	33.3



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

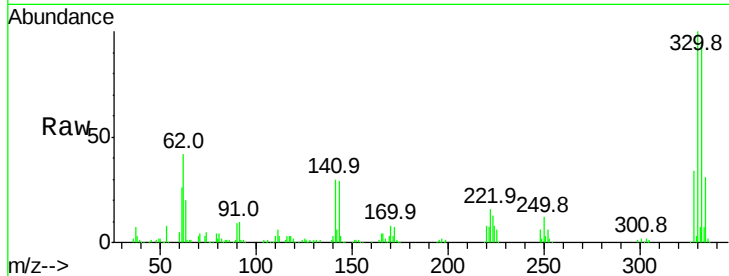




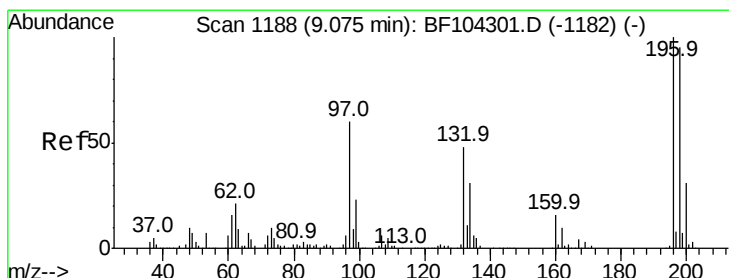
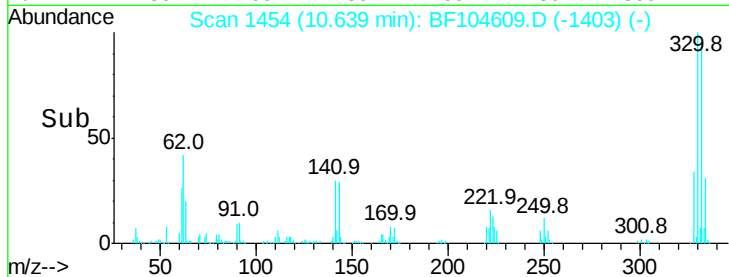
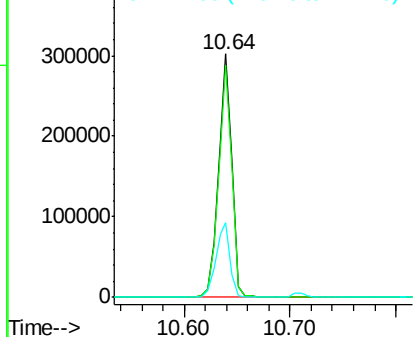
#41
 2,4,6-Tribromophenol
 Concen: 124.933 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.2	29.9	44.9

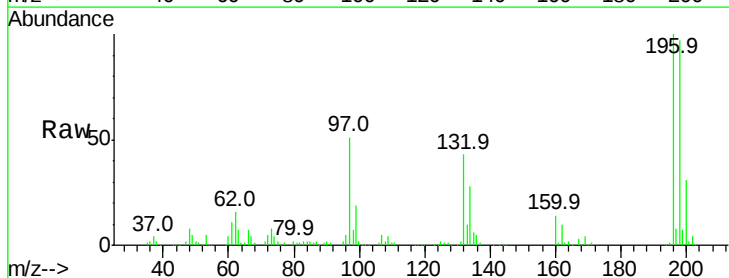


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

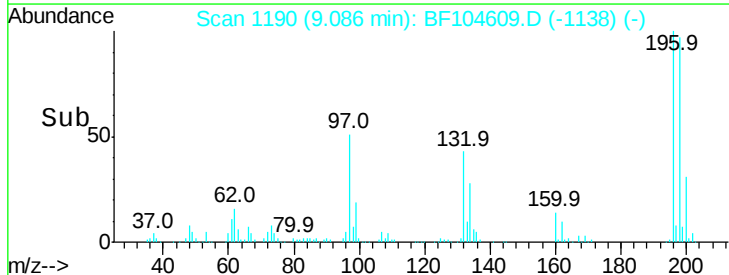
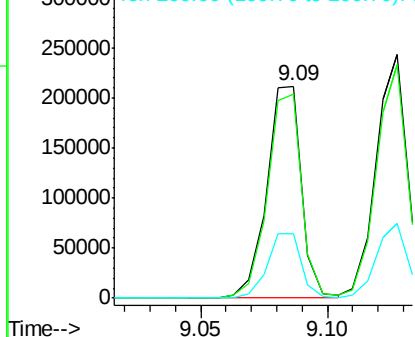


#42
 2,4,6-Trichlorophenol
 Concen: 48.882 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.5	24.5	36.7



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

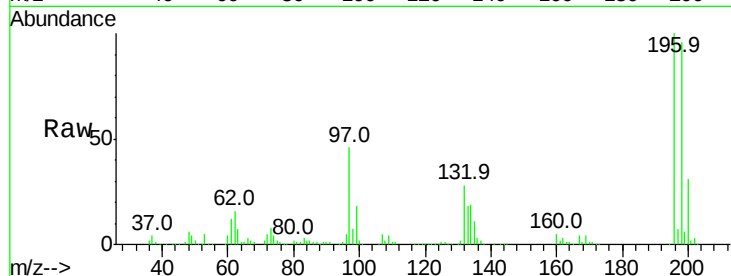




#43
 2,4,5-Trichlorophenol
 Concen: 46.267 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	45.6	42.9	64.3
132	28.5	26.3	39.5



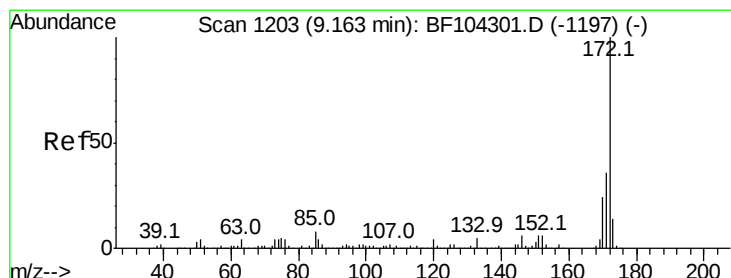
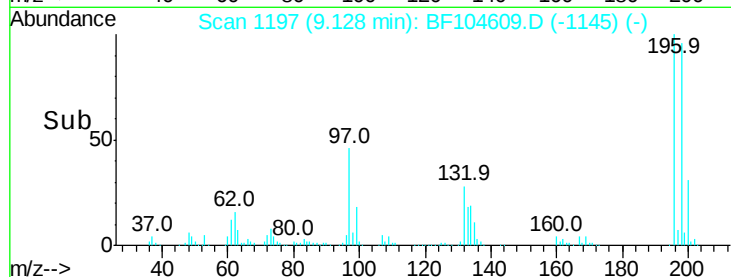
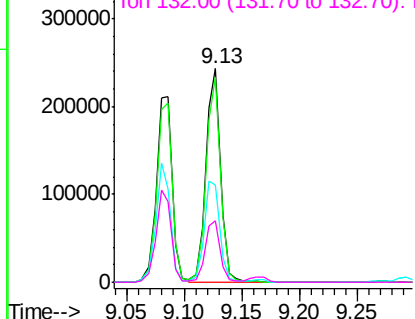
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

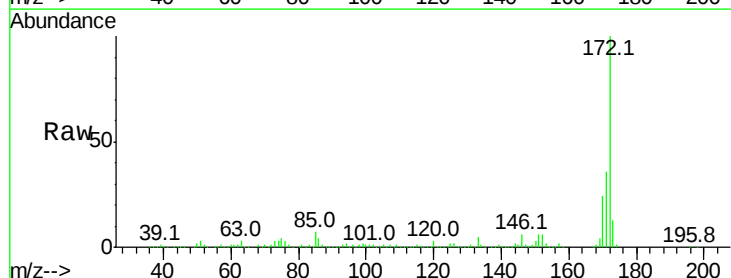
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.793 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4

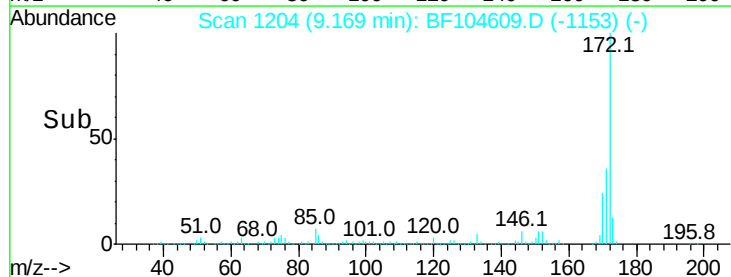
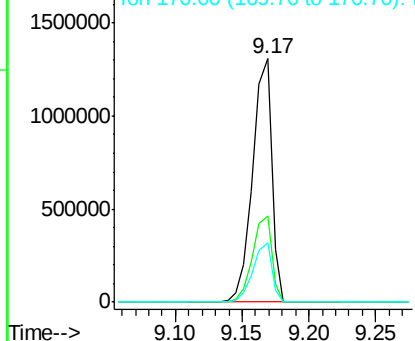


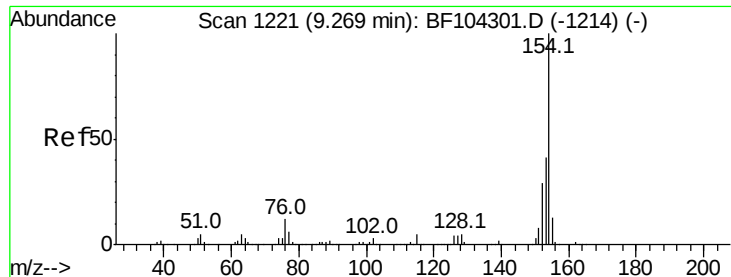
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.537 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

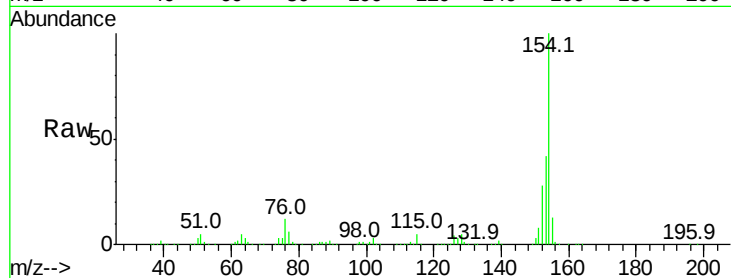
Tot Ion:154 Resp: 800669

Ion Ratio Lower Upper

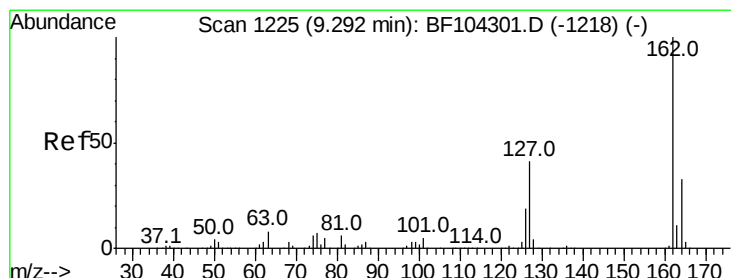
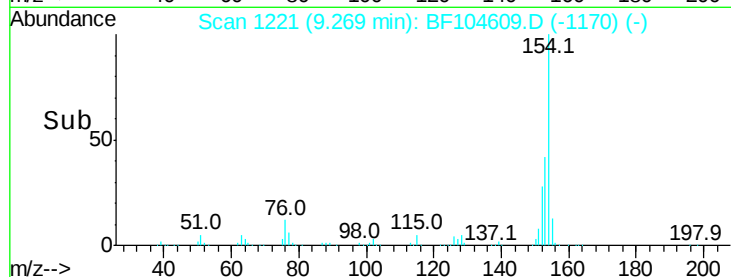
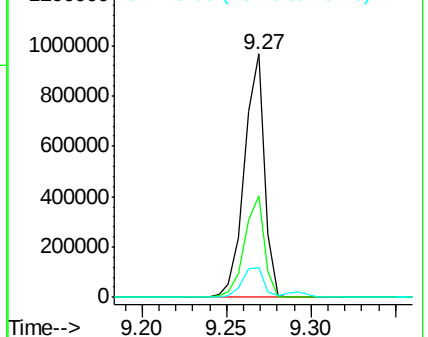
154 100

153 41.5 21.3 61.3

76 12.2 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: 45.567 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

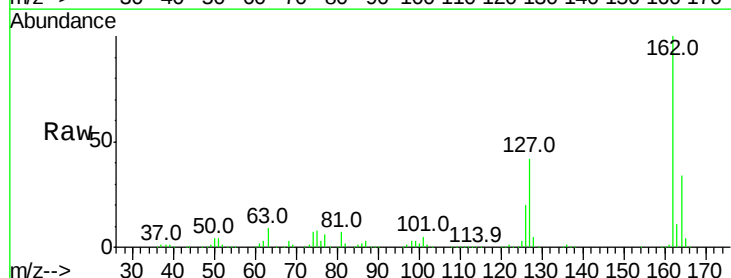
Tgt Ion:162 Resp: 632846

Ion Ratio Lower Upper

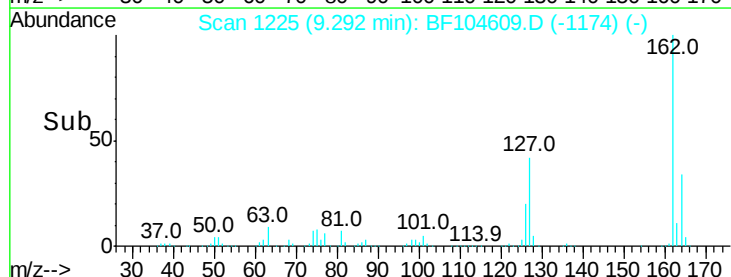
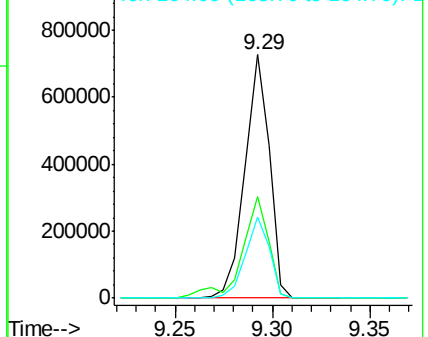
162 100

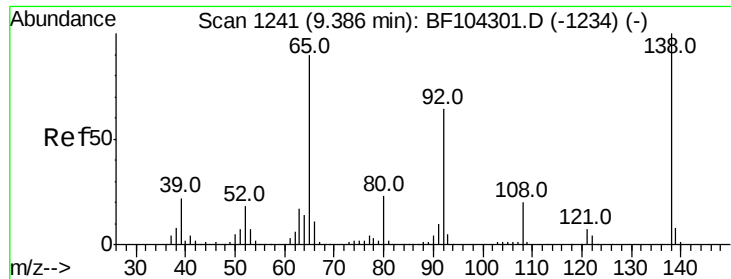
127 41.9 33.9 50.9

164 33.5 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

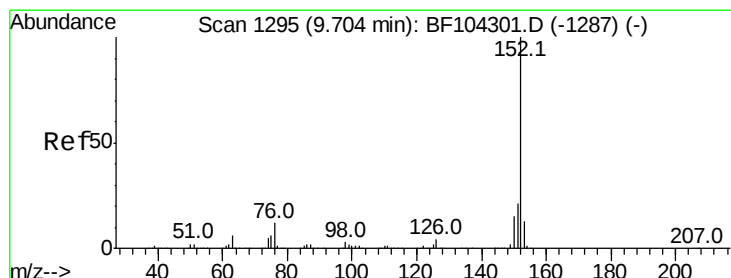
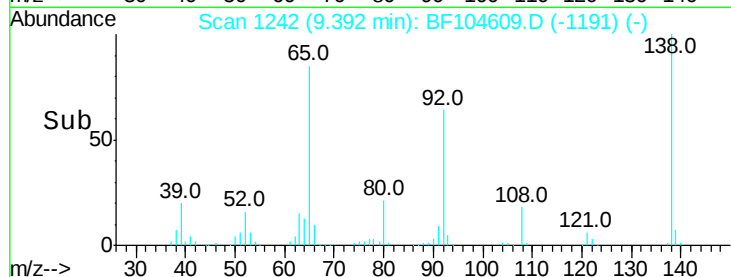
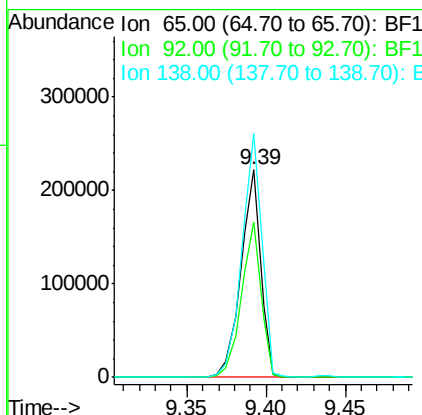
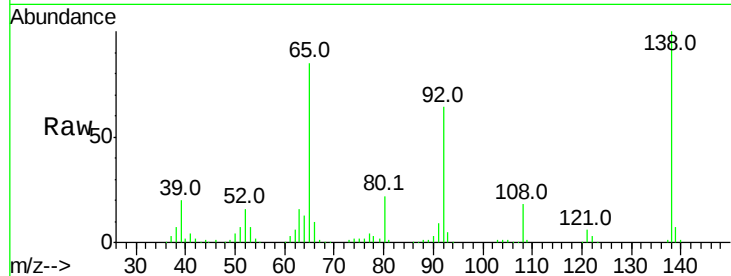




#47
2-Nitroaniline
Concen: 56.056 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

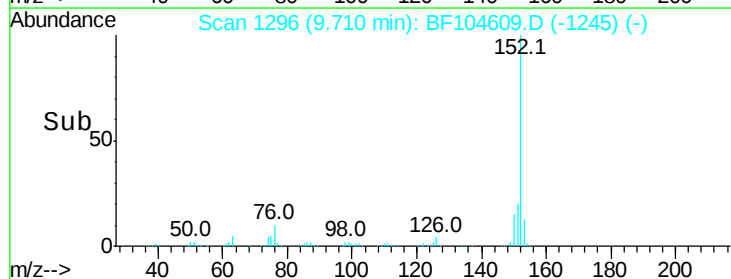
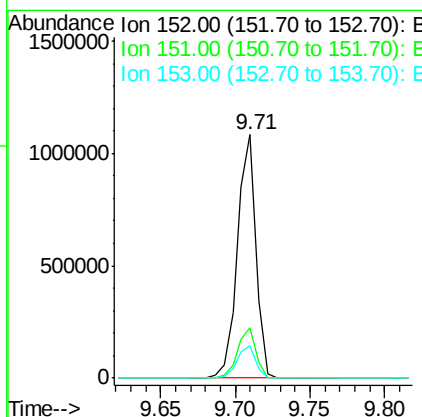
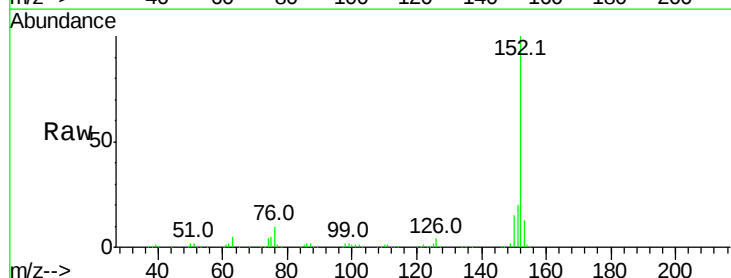
Instrument :
BNA_F
ClientSampleId :

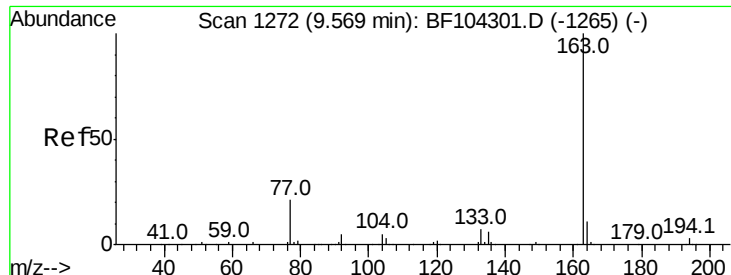
Tot Ion: 65 Resp: 192529
Ion Ratio Lower Upper
65 100
92 74.7 55.8 83.6
138 117.4 91.2 136.8



#48
Acenaphthylene
Concen: 43.206 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion: 152 Resp: 941474
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1

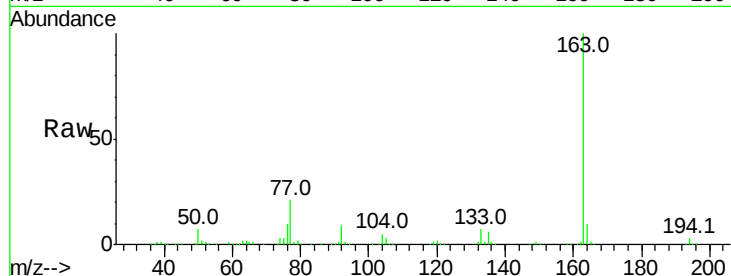




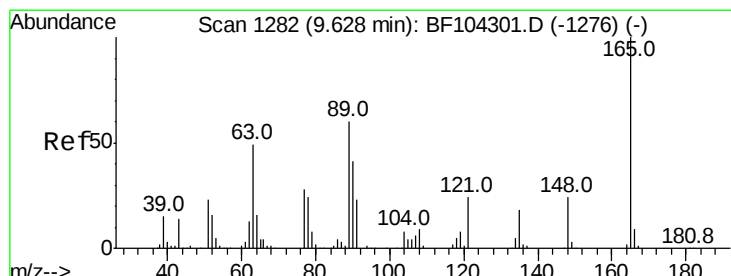
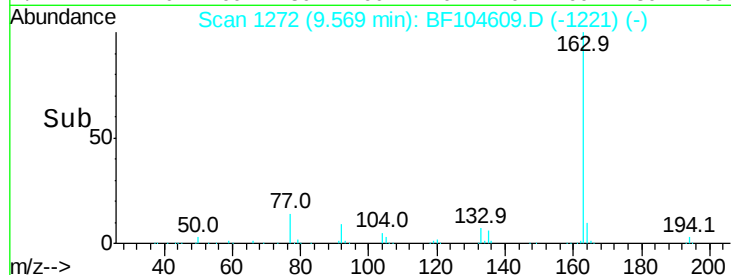
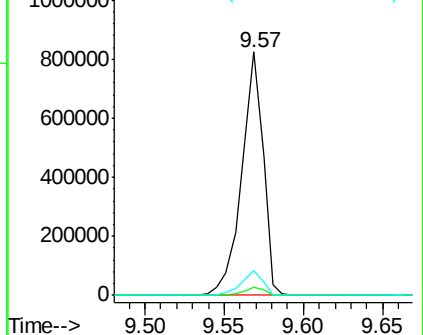
#49
Dimethylphthalate
Concen: 46.565 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 768566
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

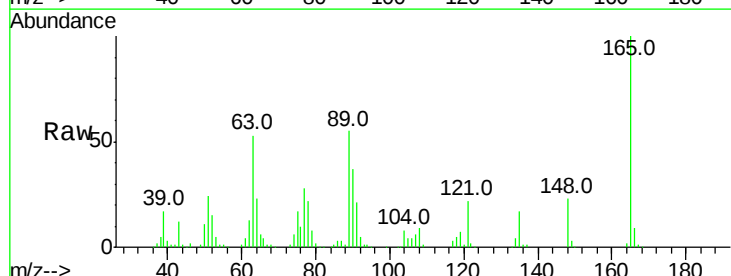


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

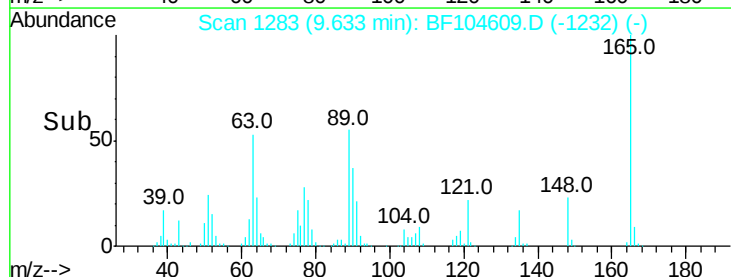
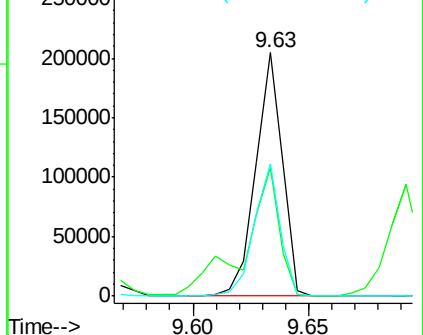


#50
2,6-Dinitrotoluene
Concen: 54.164 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:165 Resp: 165422
Ion Ratio Lower Upper
165 100
63 52.6 44.7 67.1
89 54.5 44.0 66.0



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





#51

Acenaphthene

Concen: 40.961 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

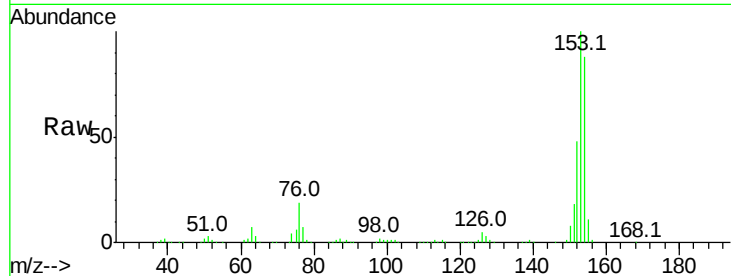
Tot Ion:154 Resp: 544573

Ion Ratio Lower Upper

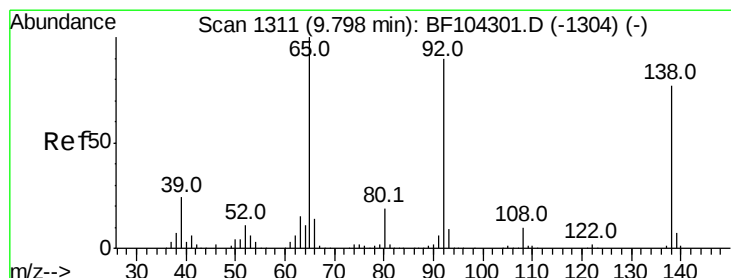
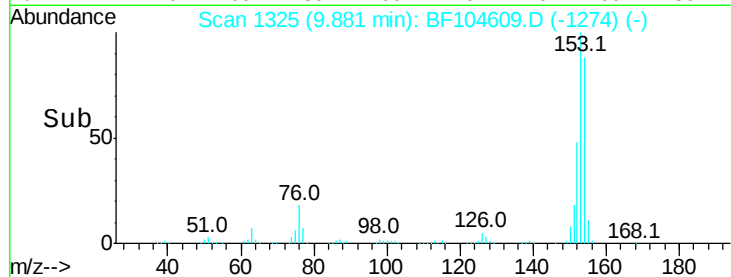
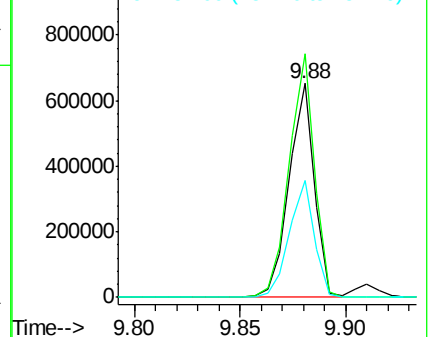
154 100

153 113.9 91.2 136.8

152 54.6 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: 19.599 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

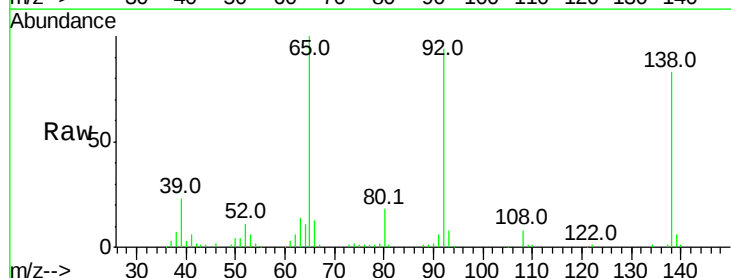
Tgt Ion:138 Resp: 70074

Ion Ratio Lower Upper

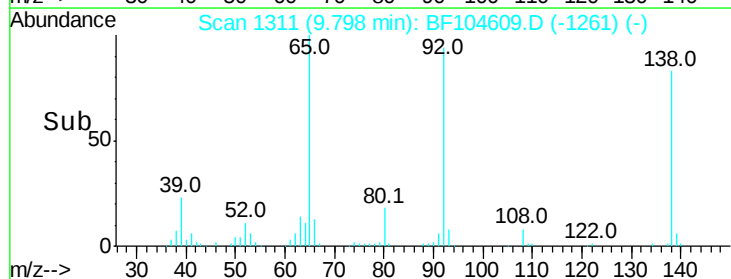
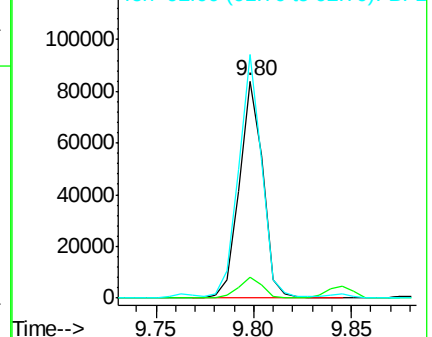
138 100

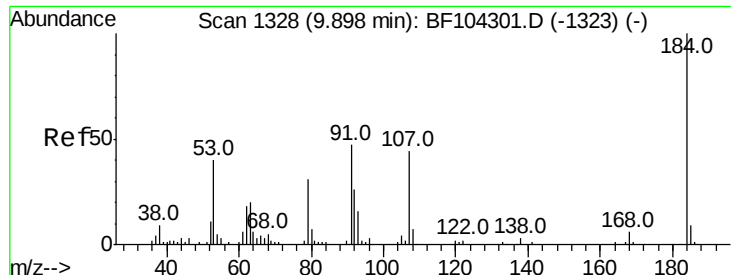
108 9.8 9.4 14.0

92 112.2 89.4 134.2



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

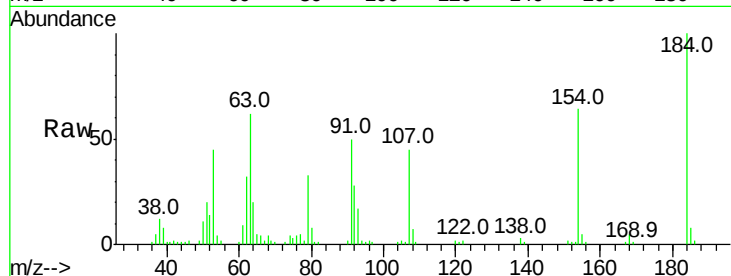




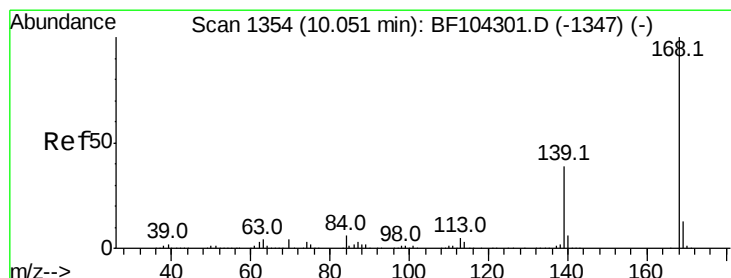
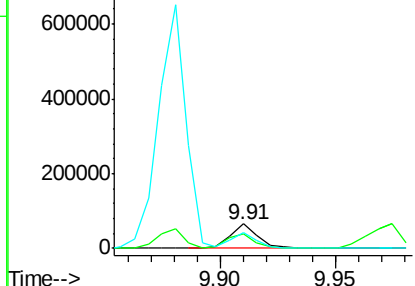
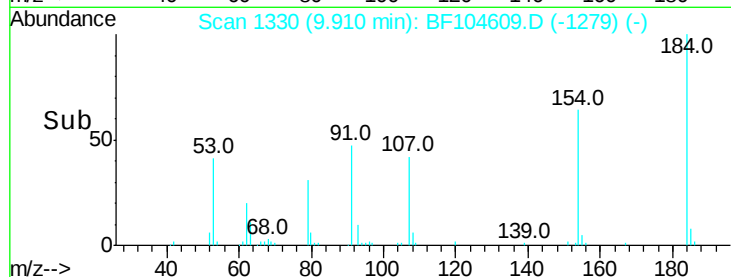
#53
 2,4-Dinitrophenol
 Concen: 51.899 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 53957
 Ion Ratio Lower Upper
 184 100
 63 61.8 54.2 81.2
 154 64.3 184.0 276.0#

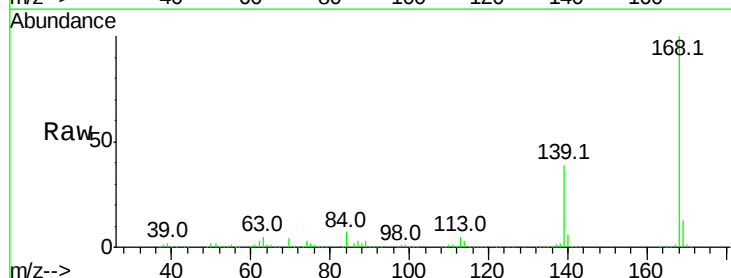


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

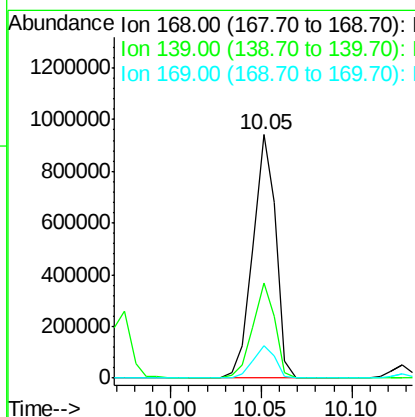
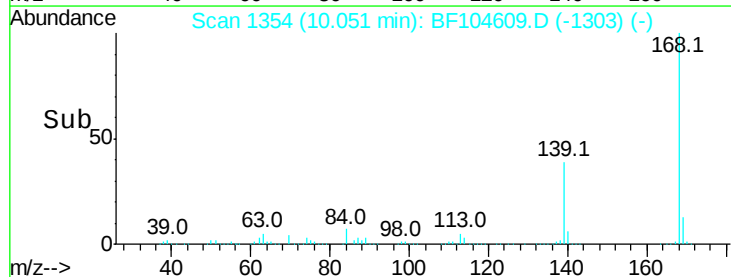


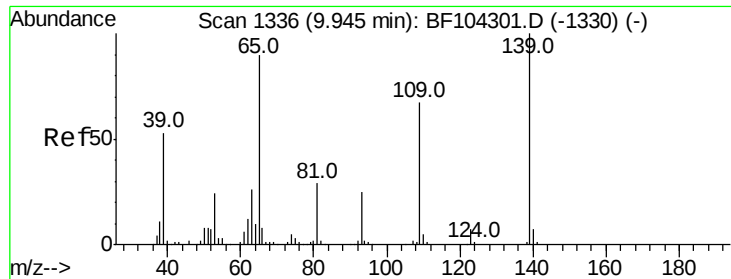
#54
 Dibenzofuran
 Concen: 44.602 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:168 Resp: 826388
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 13.5 10.9 16.3



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

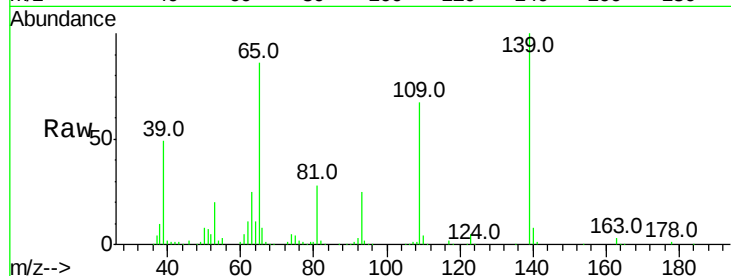




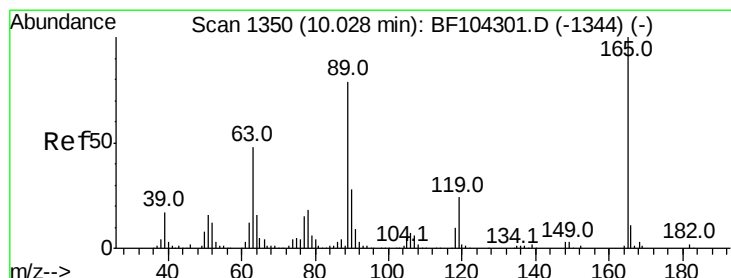
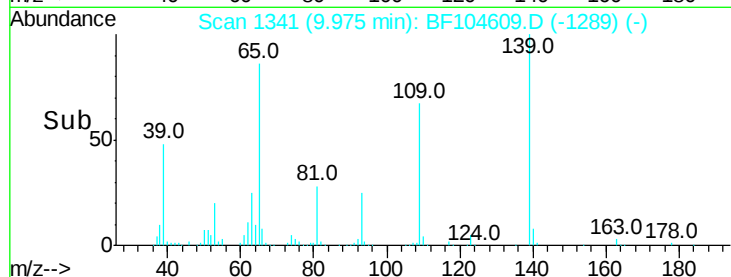
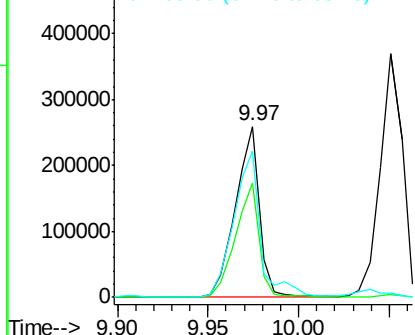
#55
4-Nitrophenol
Concen: 85.829 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.8	48.4	88.4
65	85.6	72.6	112.6



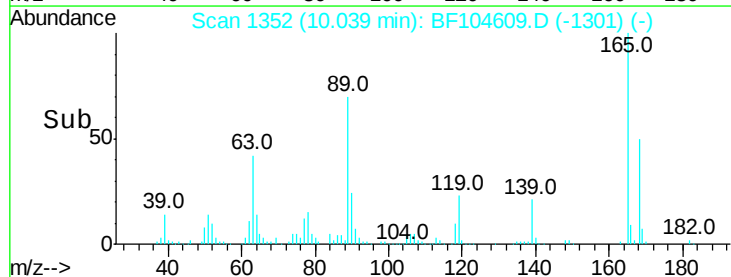
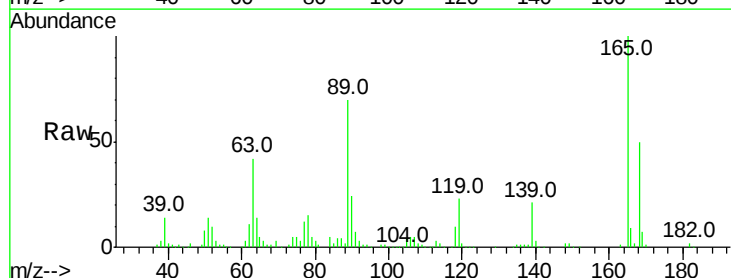
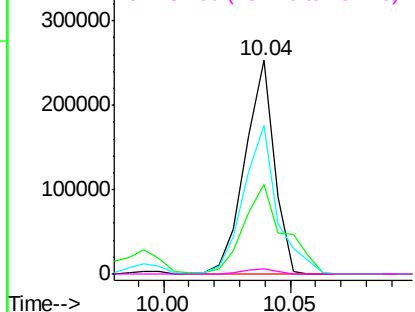
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 50.830 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.2	36.4	54.6
89	69.8	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

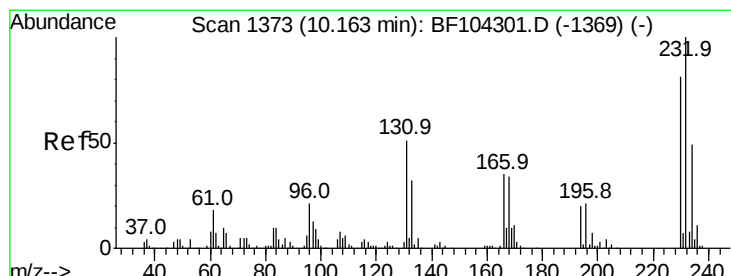
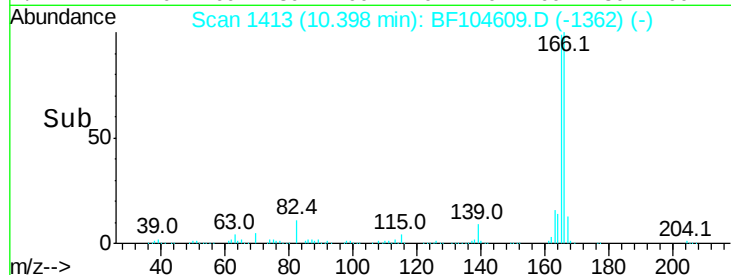
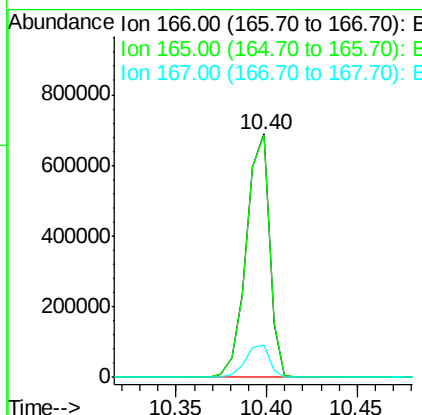
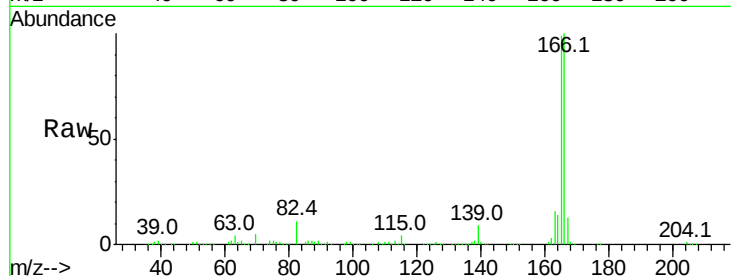




#57
 Fluorene
 Concen: 45.605 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

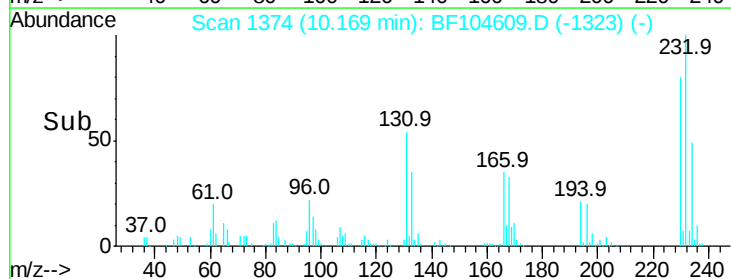
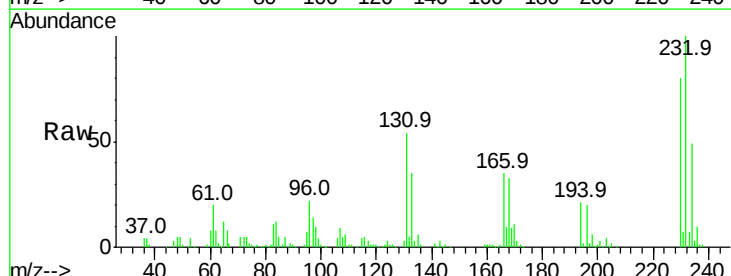
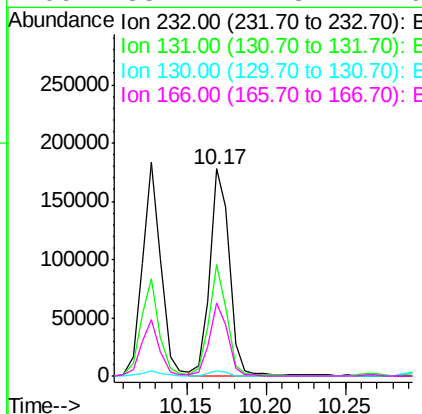
Instrument :
 BNA_F
 ClientSampleId :

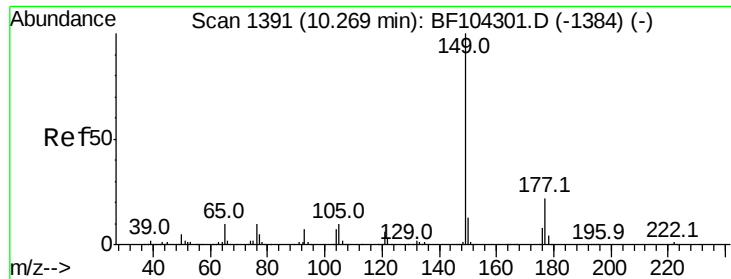
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.092 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	43.8	65.8
130	2.5	2.1	3.1
166	33.7	27.8	41.6

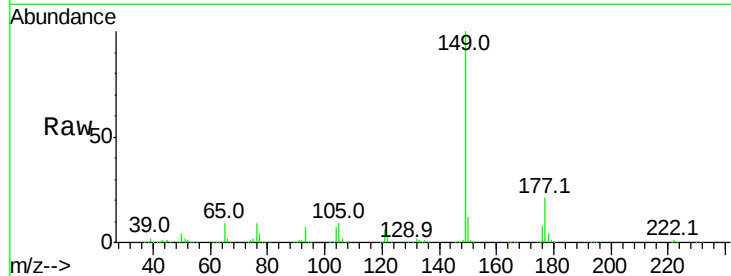




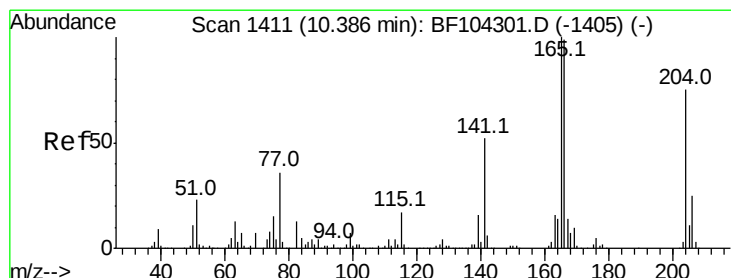
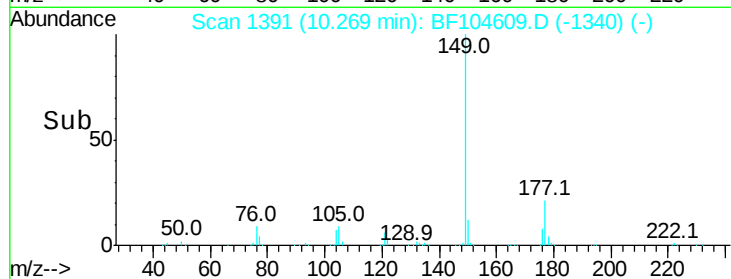
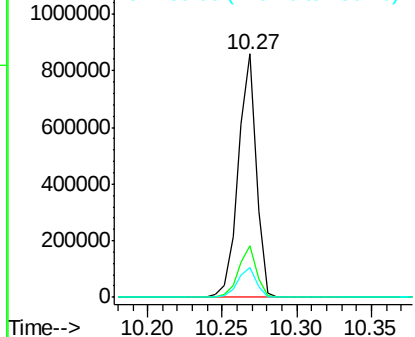
#59
Diethylphthalate
Concen: 44.224 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.2	10.1	15.1

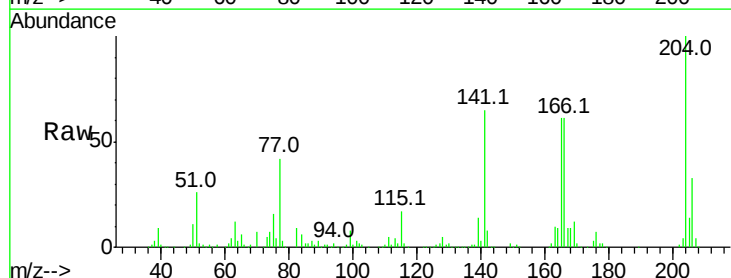


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

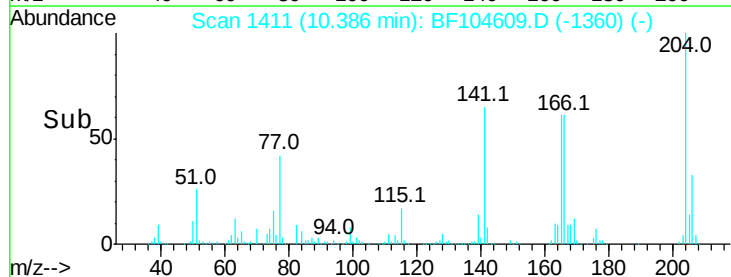
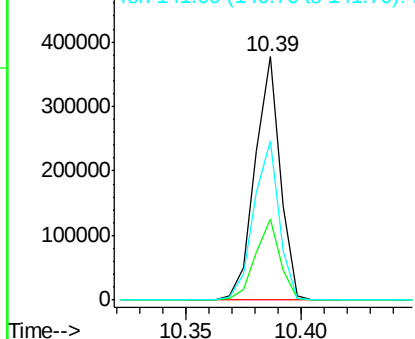


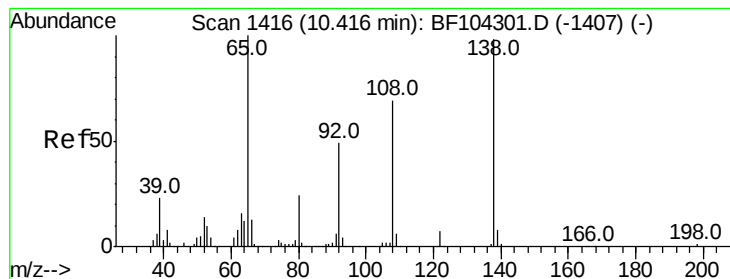
#60
4-Chlorophenyl-phenylether
Concen: 47.890 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	65.5	54.6	81.8



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





#61

4-Nitroaniline

Concen: 39.393 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

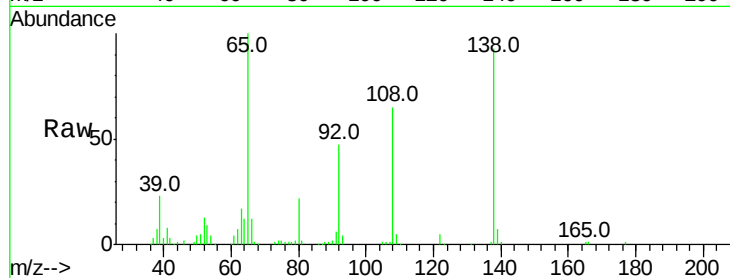
Tot Ion:138 Resp: 137717

Ion Ratio Lower Upper

138 100

92 51.1 30.2 70.2

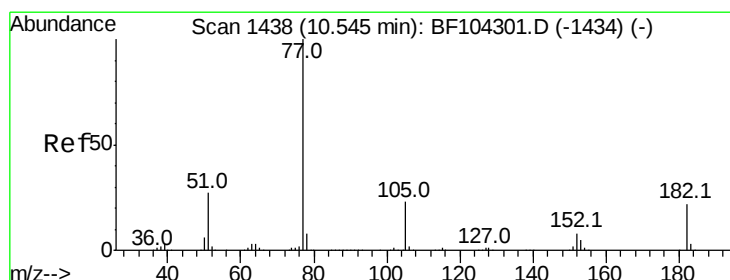
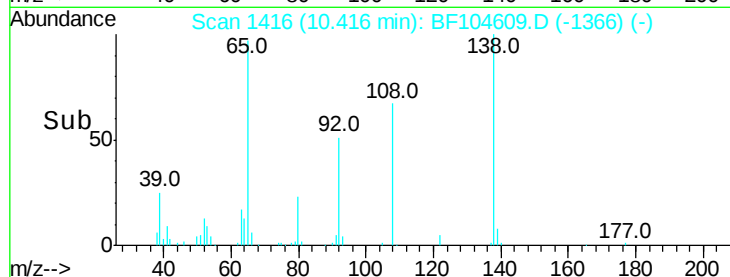
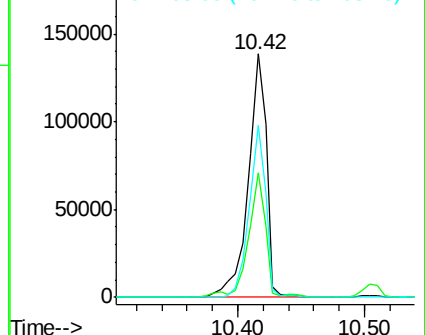
108 70.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.137 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion: 77 Resp: 661753

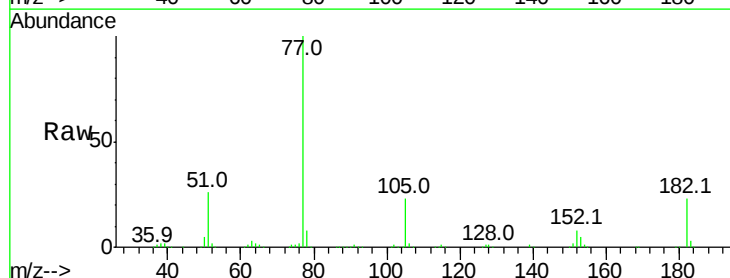
Ion Ratio Lower Upper

77 100

182 23.2 1.7 41.7

105 23.3 3.0 43.0

51 26.2 9.9 49.9

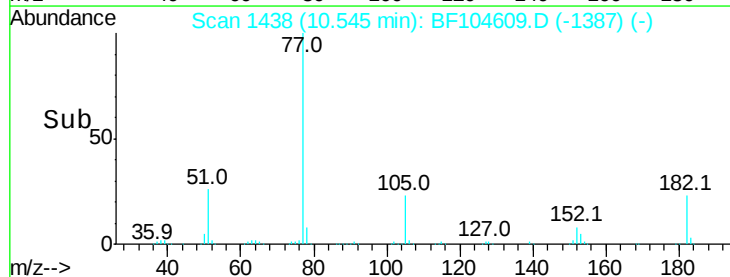
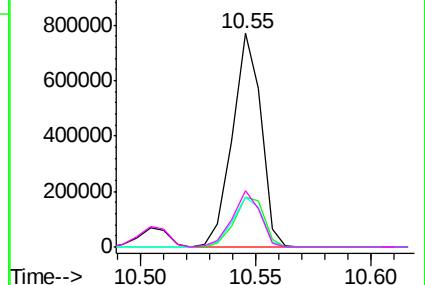


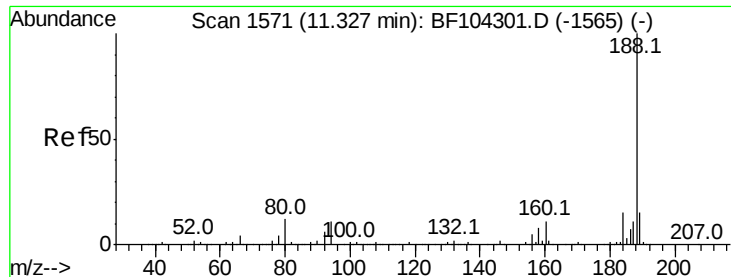
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

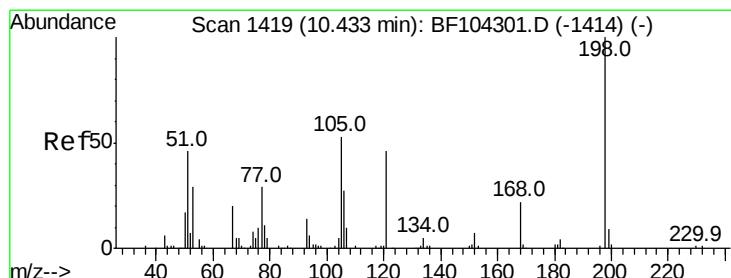
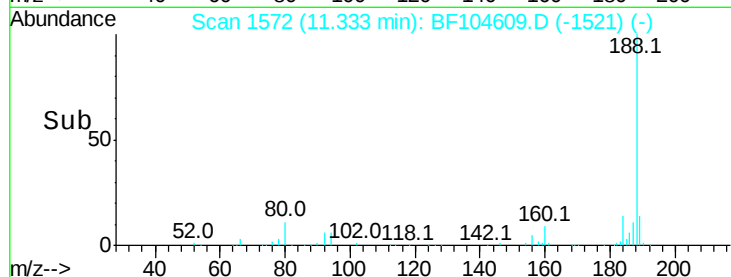
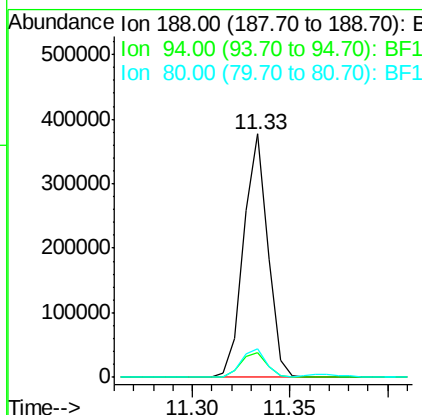
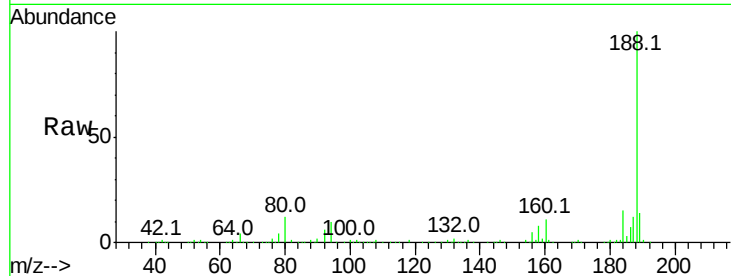




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

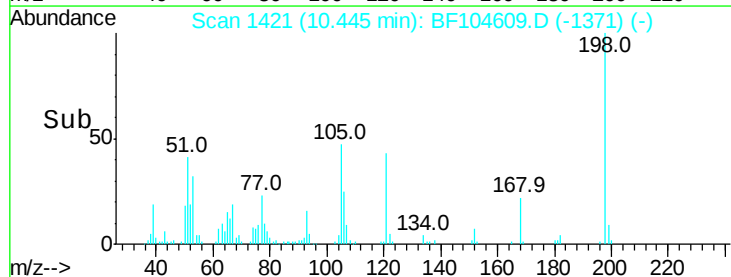
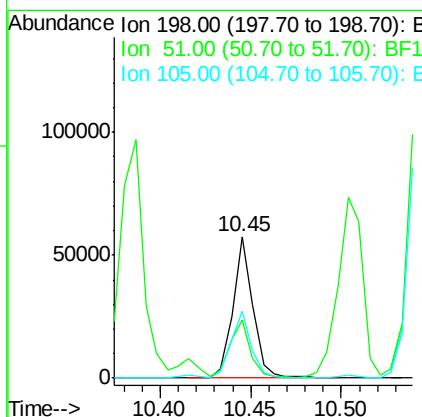
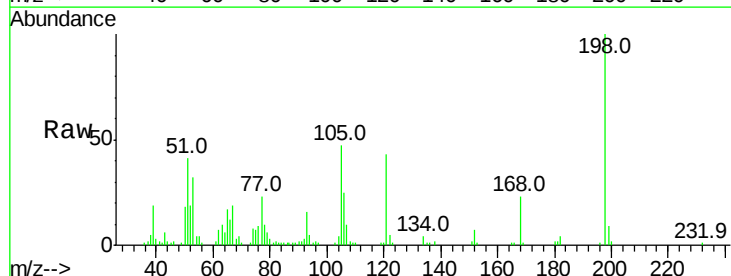
Instrument :
 BNA_F
 ClientSampled :

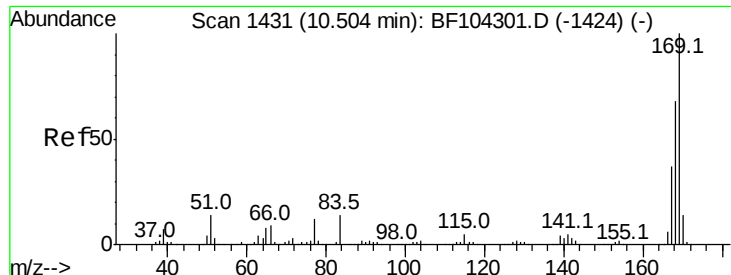
Tot Ion:188 Resp: 324013
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.238 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:198 Resp: 44513
 Ion Ratio Lower Upper
 198 100
 51 41.1 37.7 77.7
 105 47.4 36.3 76.3

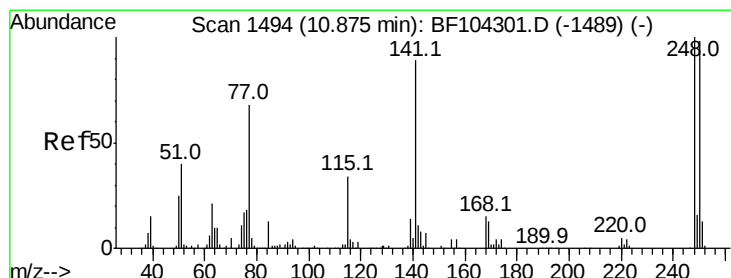
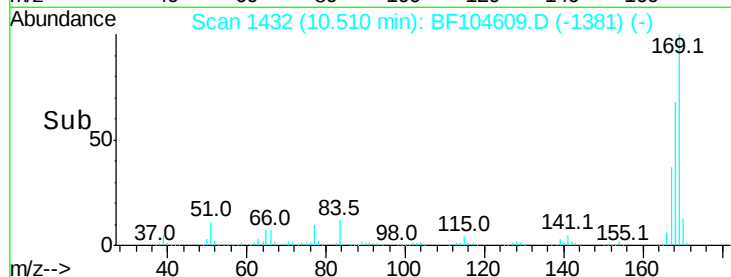
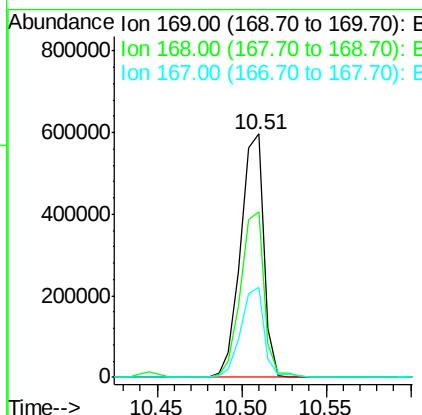
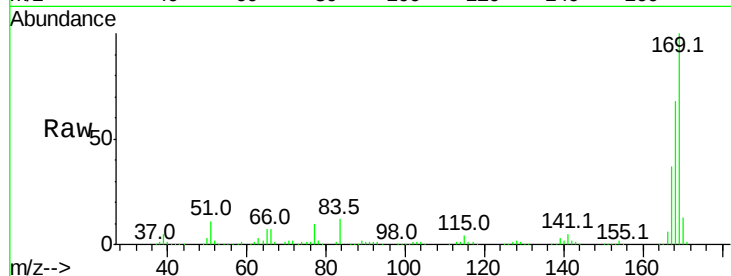




#65
 n-Nitrosodiphenylamine
 Concen: 50.933 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

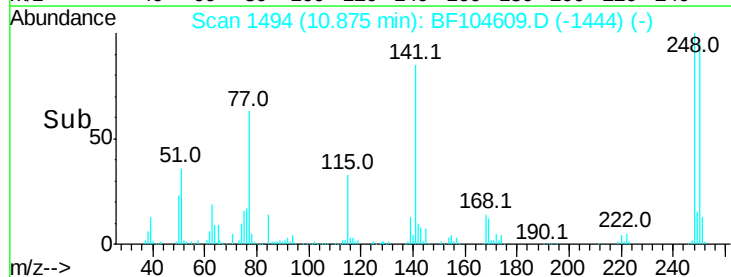
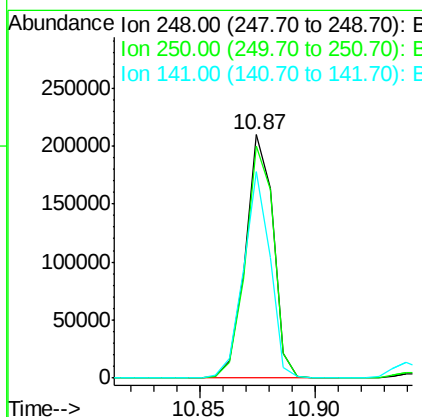
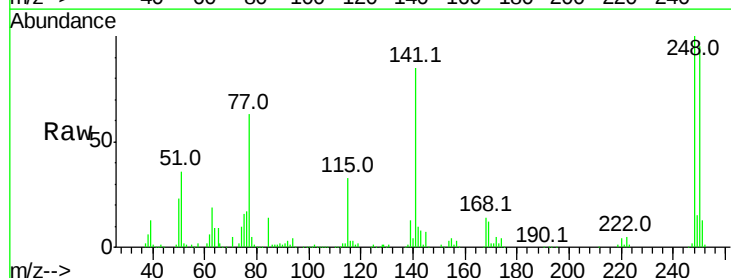
Instrument :
 BNA_F
 ClientSampleId :

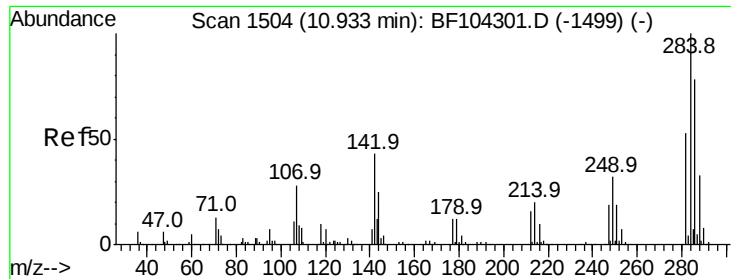
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 51.478 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.9	115.3
141	84.8	74.4	111.6

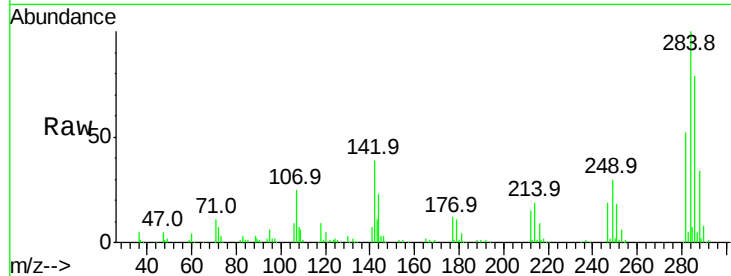




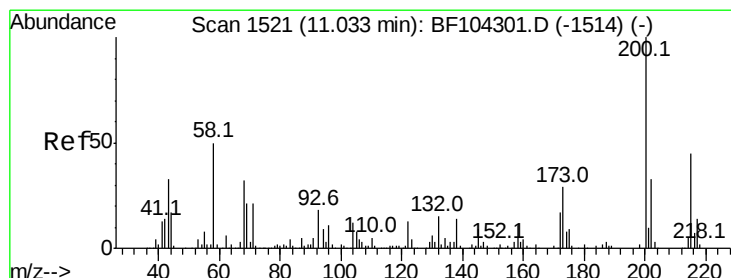
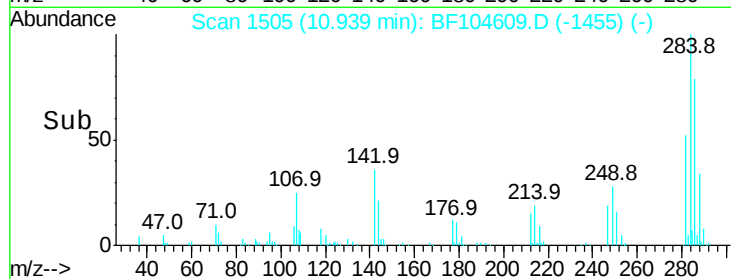
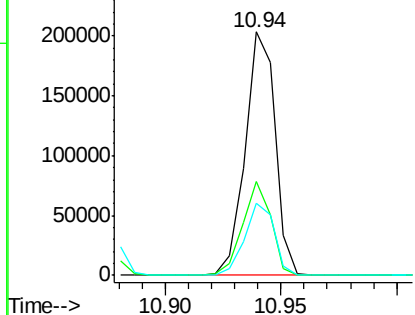
#67
Hexachlorobenzene
Concen: 47.779 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 185288
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 29.6 24.8 37.2

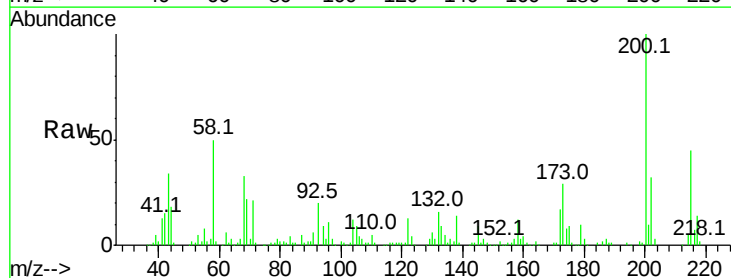


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

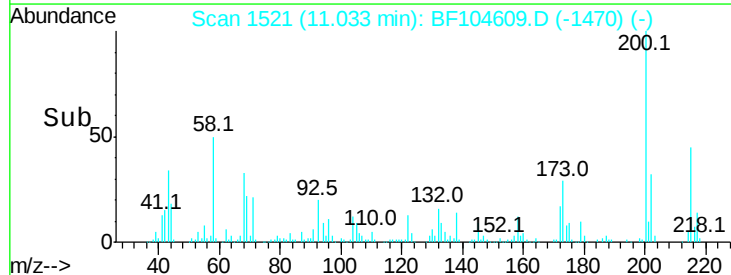
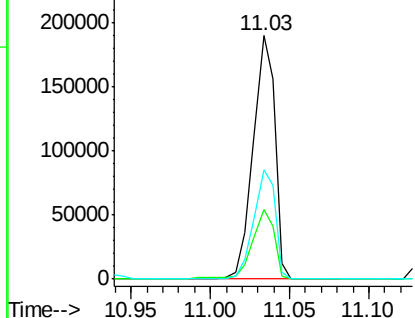


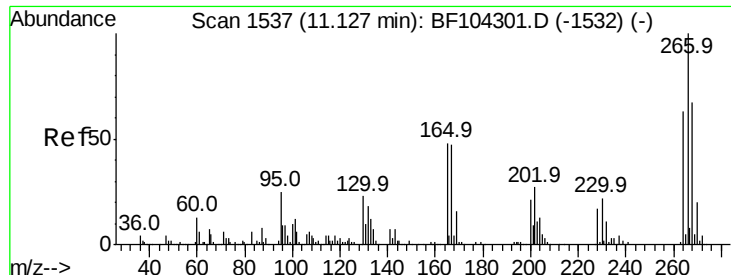
#68
Atrazine
Concen: 53.630 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:200 Resp: 181863
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 44.9 25.1 65.1



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

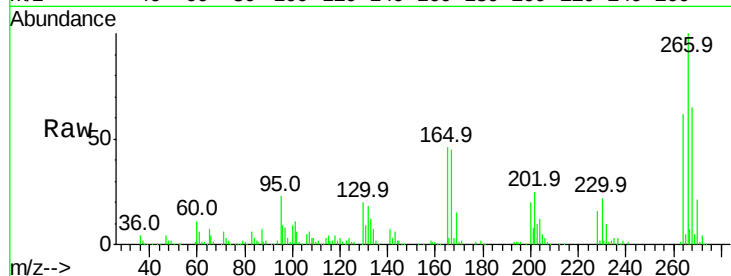




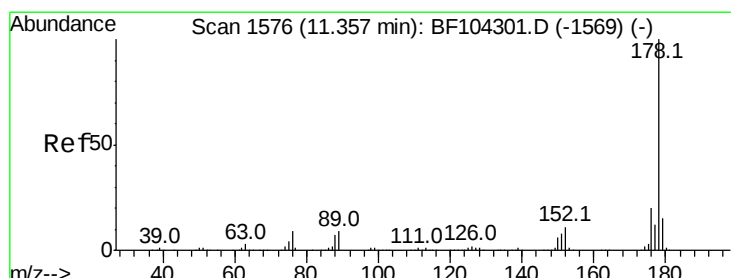
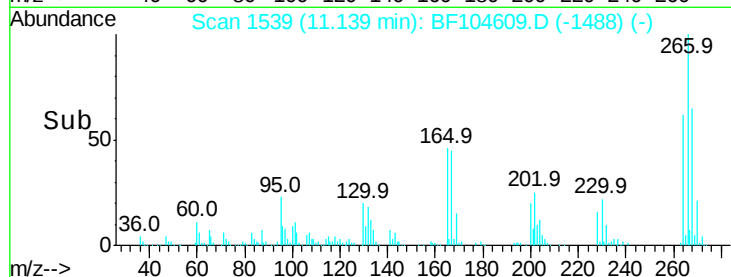
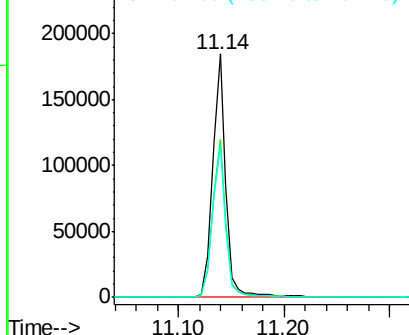
#69
 Pentachlorophenol
 Concen: 68.249 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.0	49.5	74.3

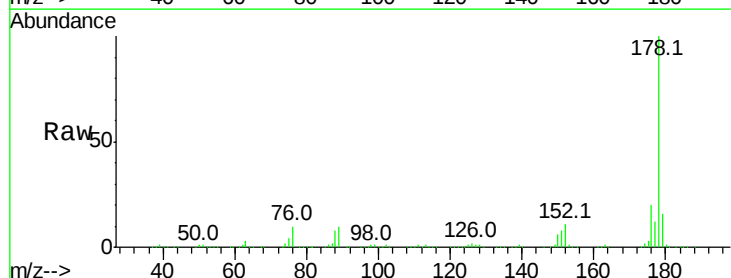


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

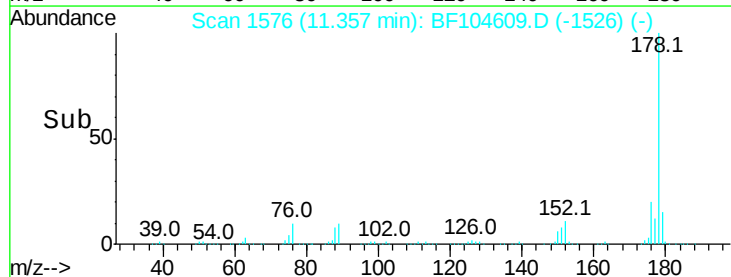
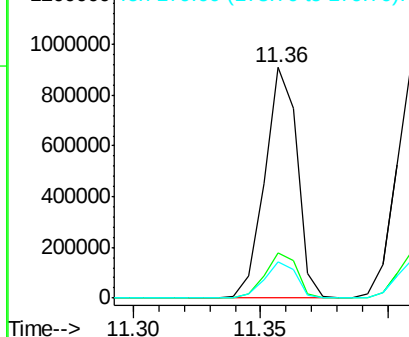


#70
 Phenanthrene
 Concen: 45.158 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	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

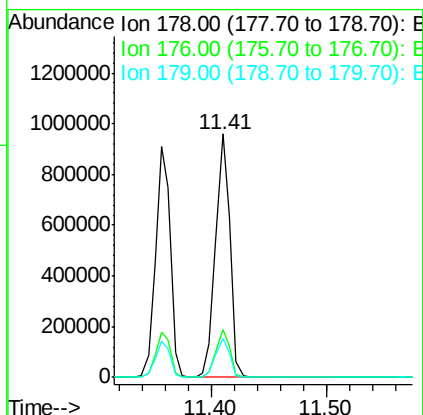
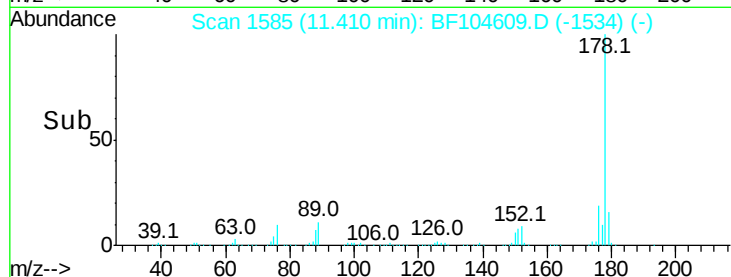
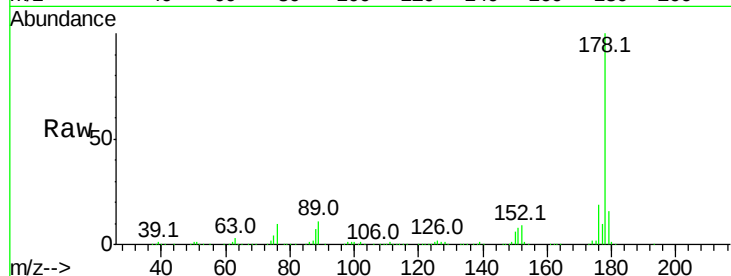




#71
 Anthracene
 Concen: 45.080 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

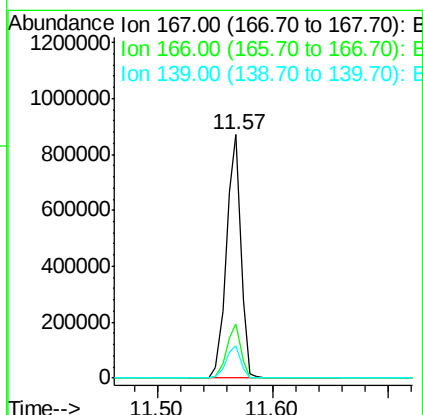
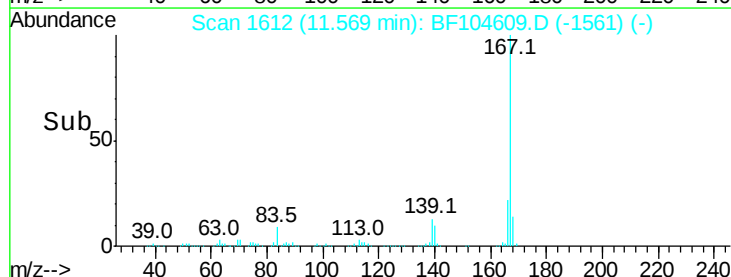
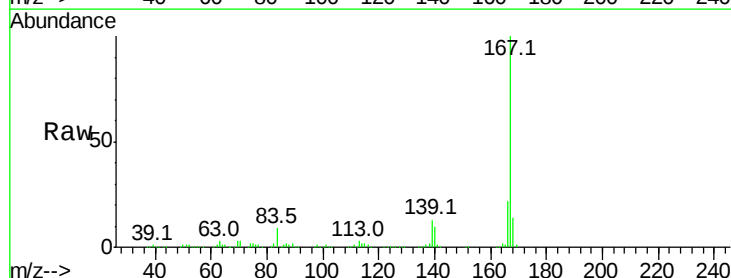
Instrument :
 BNA_F
 ClientSampleId :

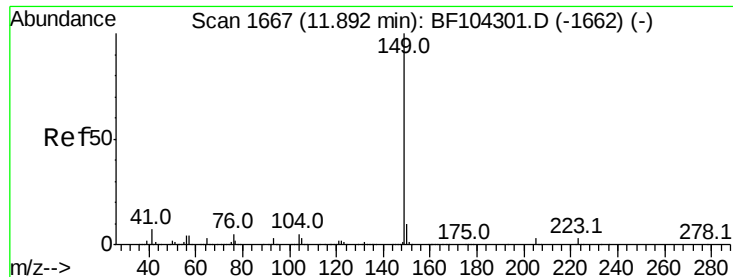
Tot Ion:178 Resp: 826861
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.935 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:167 Resp: 751609
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.320 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

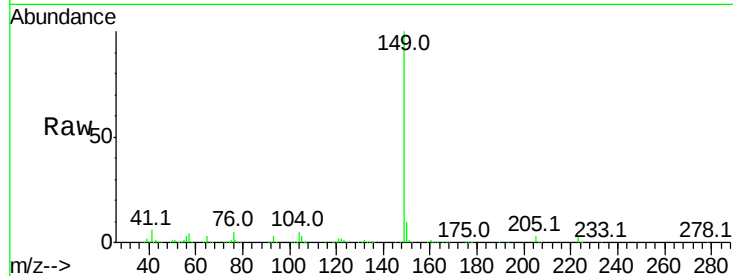
Tot Ion:149 Resp: 1014143

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

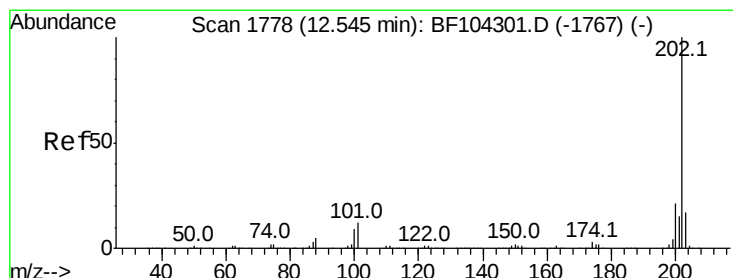
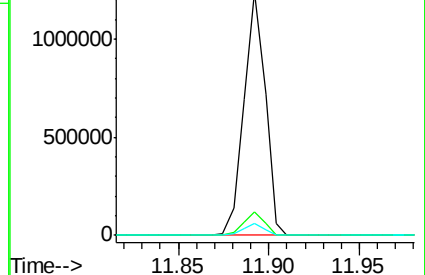
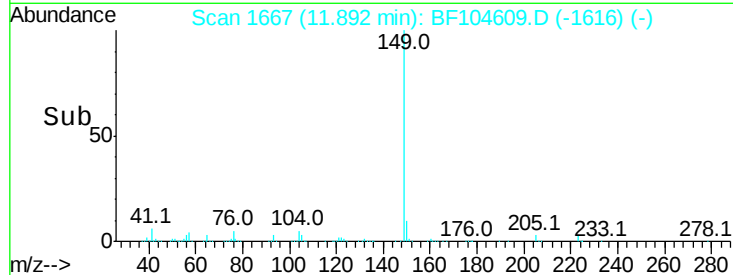
104 4.9 3.8 5.8



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: 40.383 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

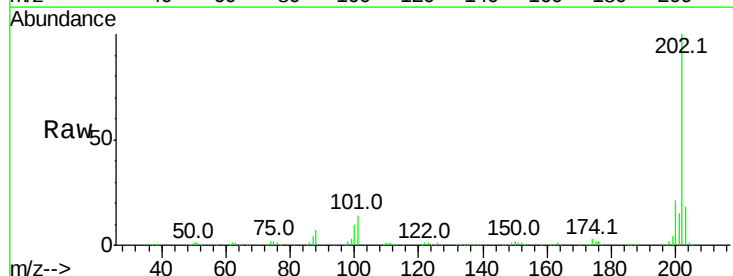
Tgt Ion:202 Resp: 761326

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

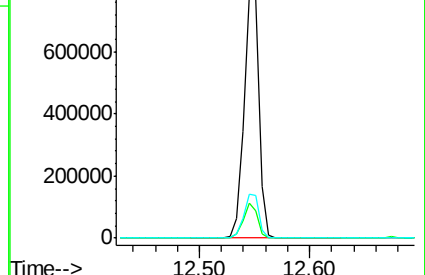
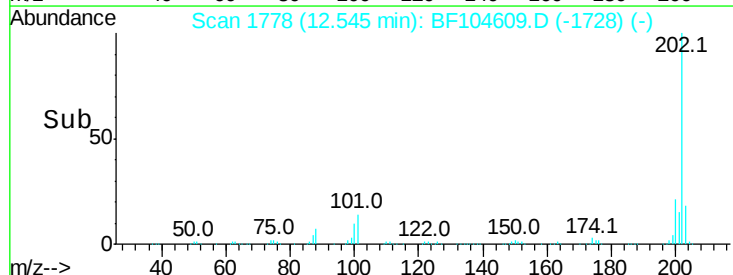
203 17.9 0.0 38.1

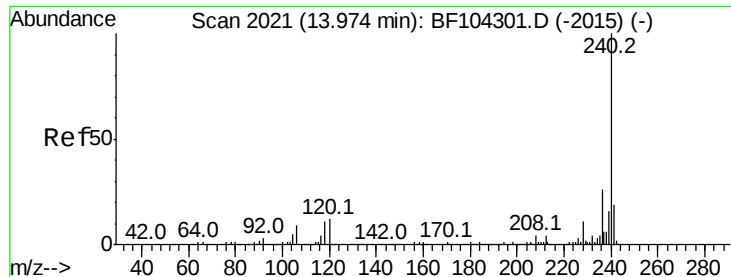


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

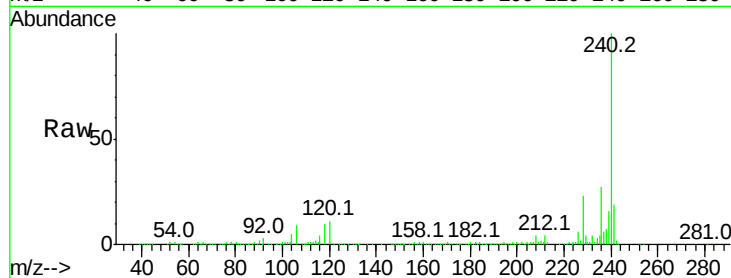
Tot Ion:240 Resp: 239133

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

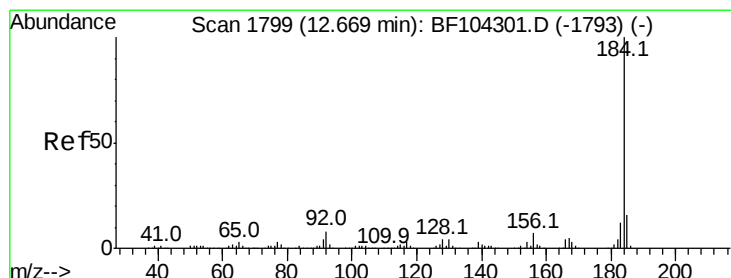
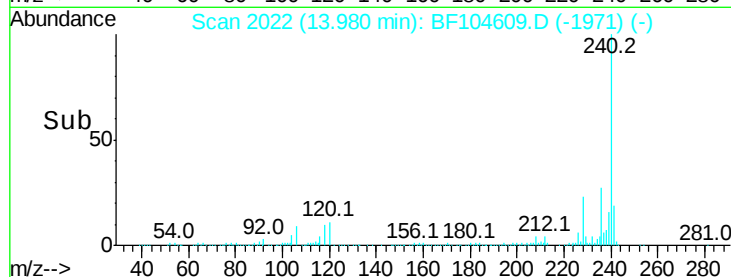
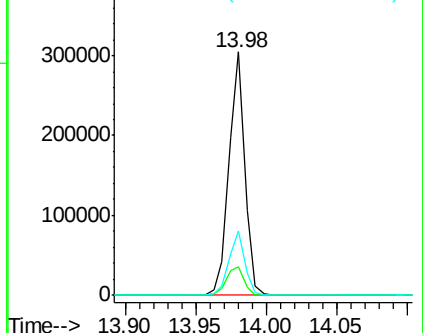
236 26.6 20.7 31.1



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: 73.427 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

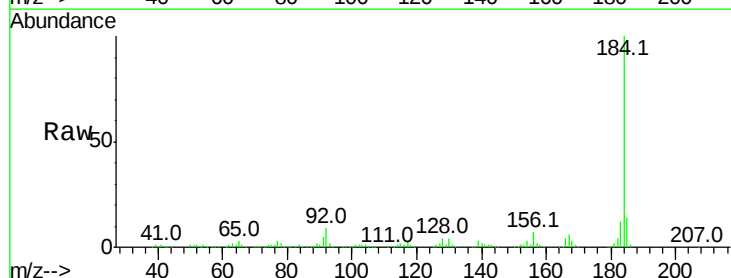
Tgt Ion:184 Resp: 477209

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

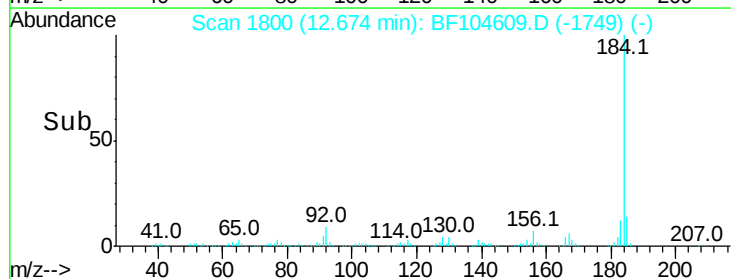
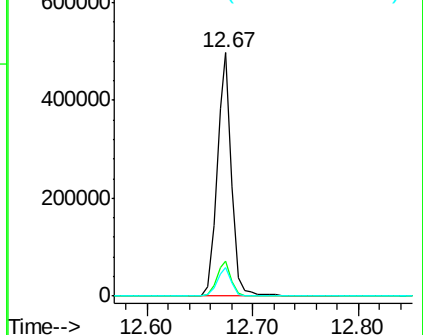
183 11.7 9.3 13.9

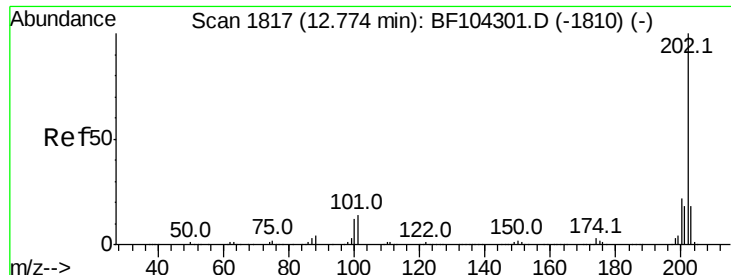


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

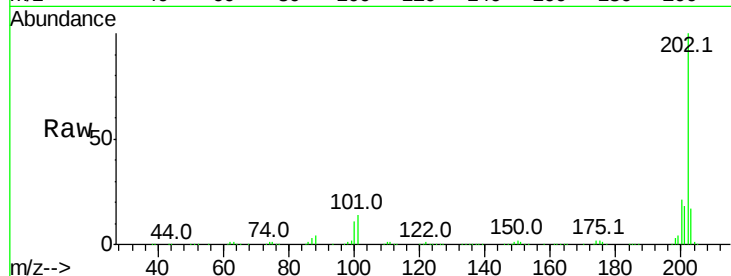




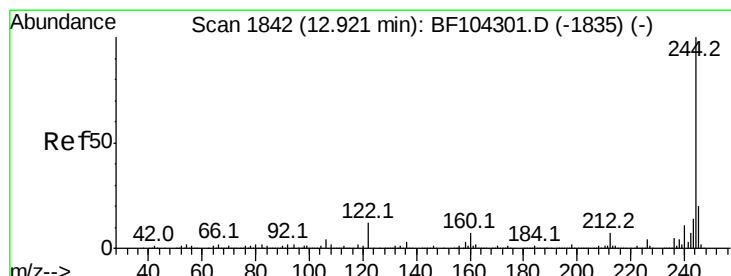
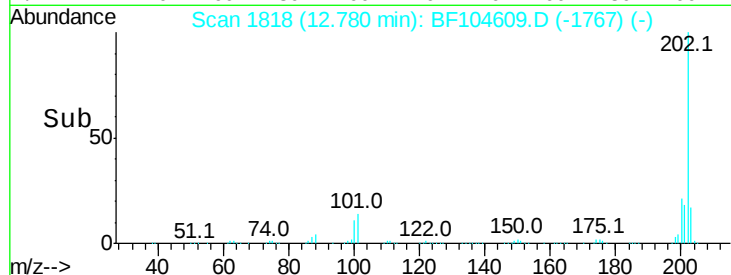
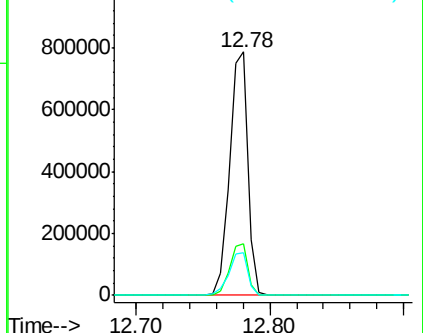
#77
Pvrene
Concen: 42.945 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 761211
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.3 14.3 21.5

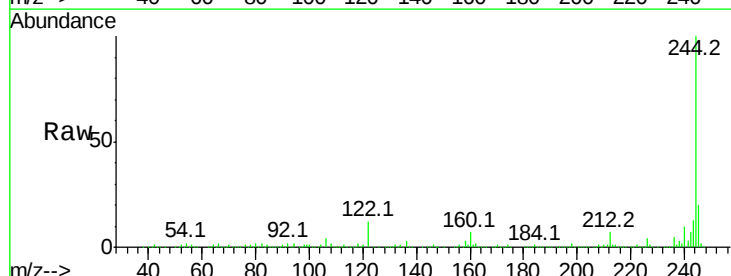


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

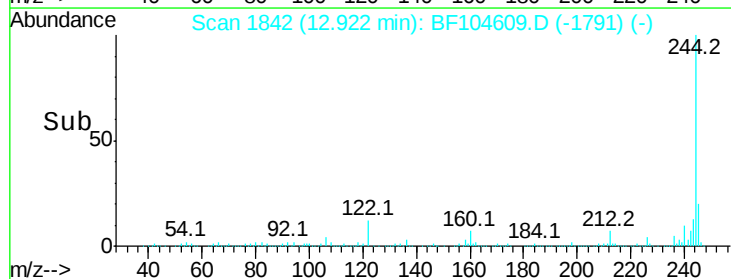
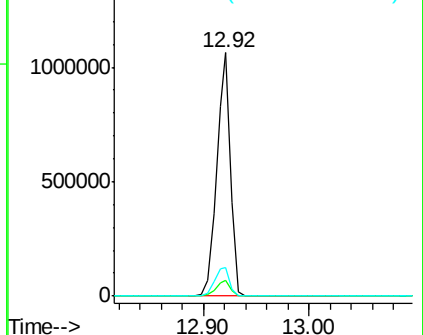


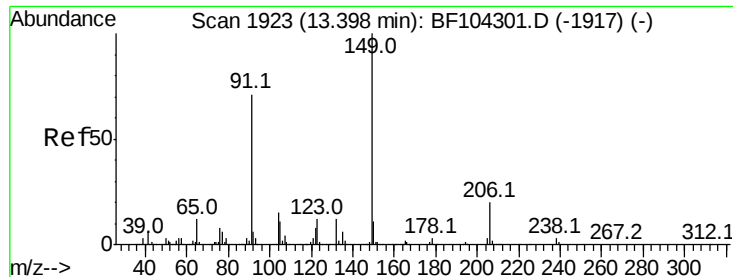
#78
Terphenyl-d14
Concen: 93.013 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:244 Resp: 975624
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

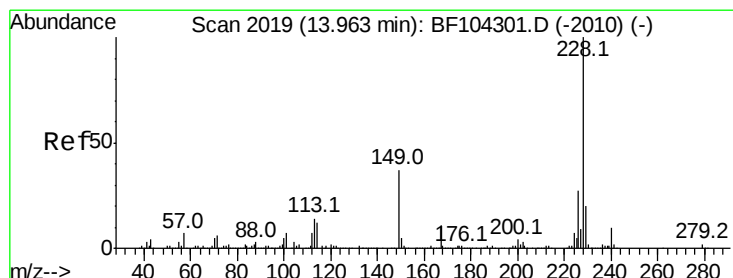
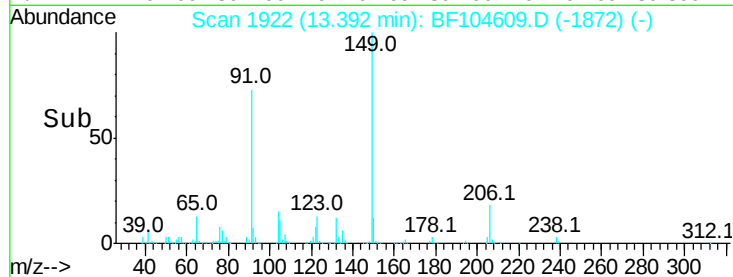
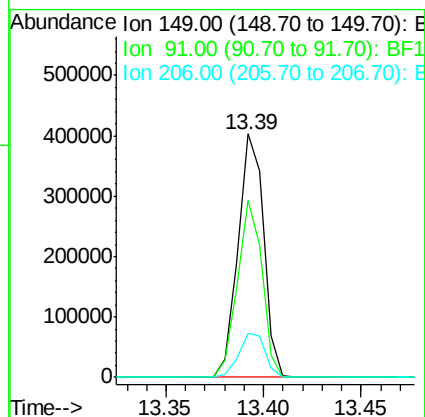
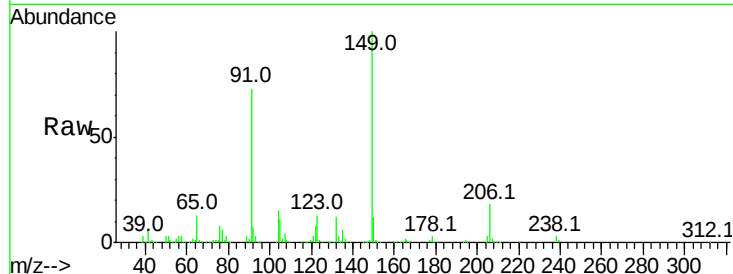




#79
Butylbenzylphthalate
Concen: 43.995 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

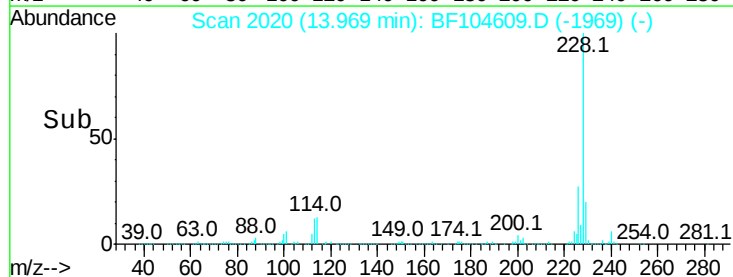
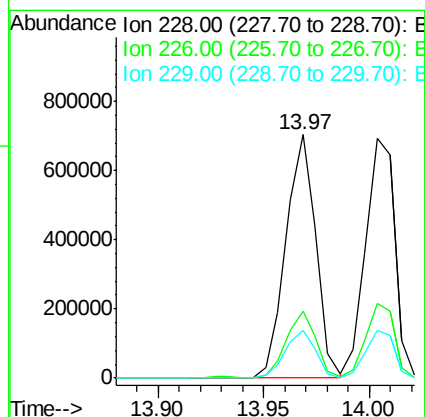
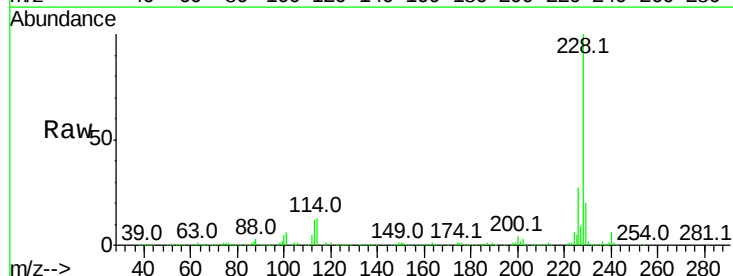
Instrument :
BNA_F
ClientSampled :

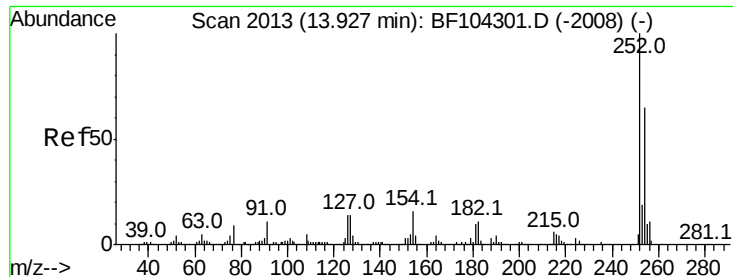
Tot Ion:149 Resp: 367391
Ion Ratio Lower Upper
149 100
91 72.8 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.800 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:228 Resp: 697158
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.9 15.8 23.6

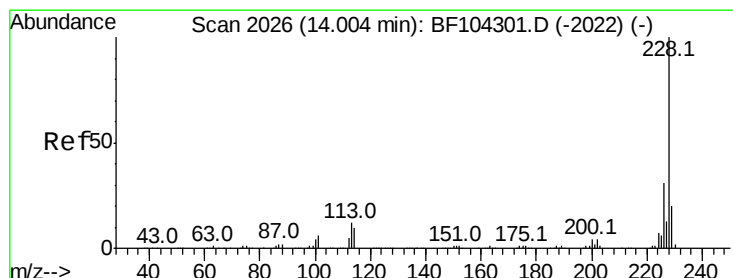
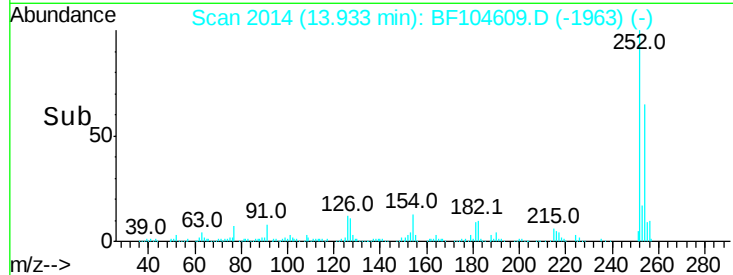
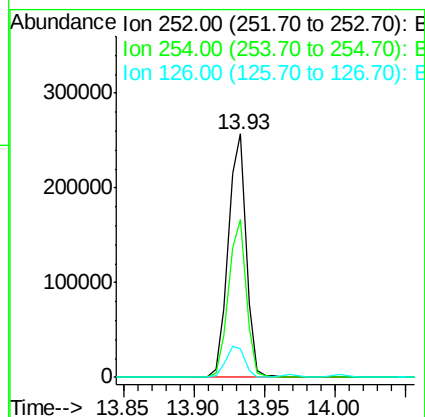
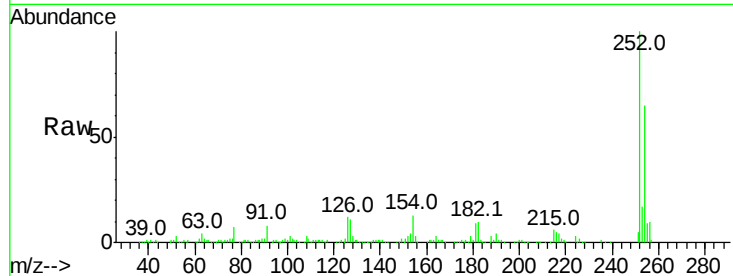




#81
 3,3'-Dichlorobenzidine
 Concen: 42.719 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

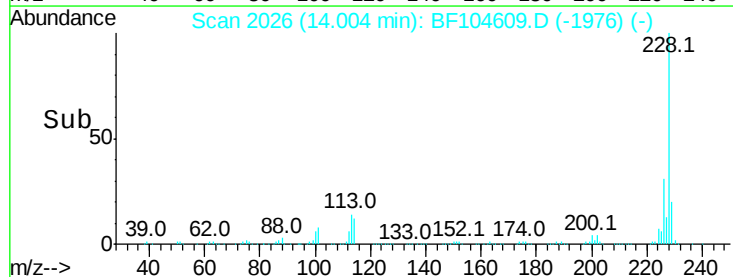
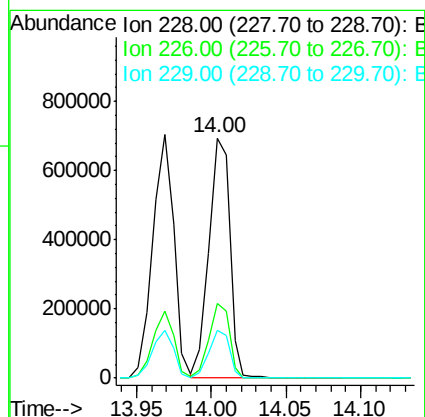
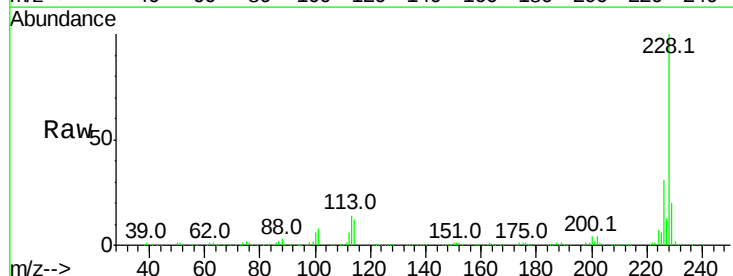
Instrument :
 BNA_F
 ClientSampleId :

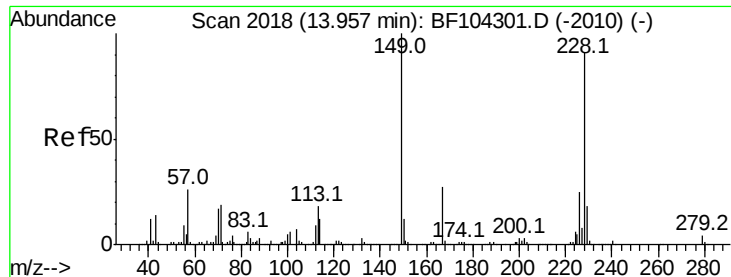
Tot Ion:252 Resp: 227548
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 11.8 11.3 16.9



#82
 Chrysene
 Concen: 45.952 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:228 Resp: 674300
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.8 16.2 24.4

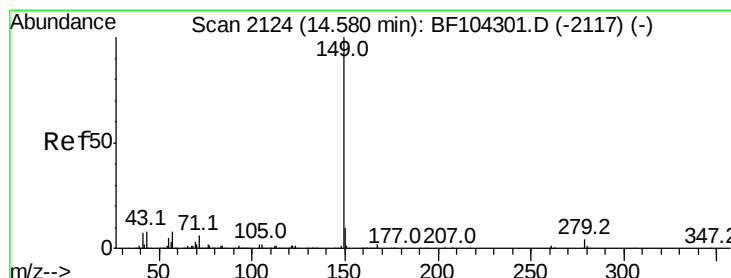
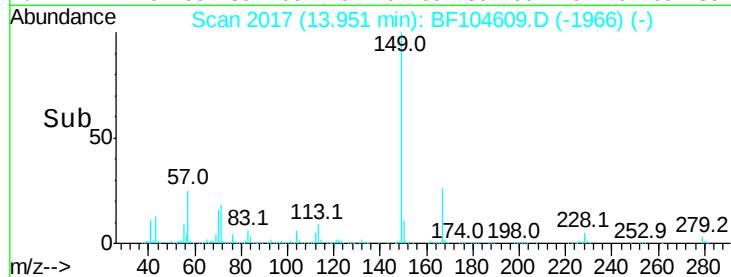
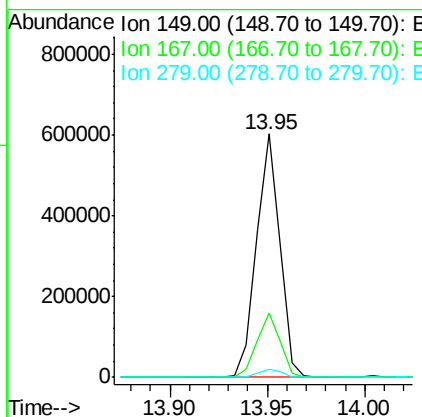
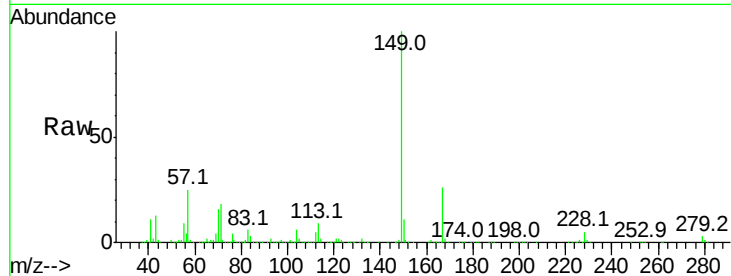




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.564 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

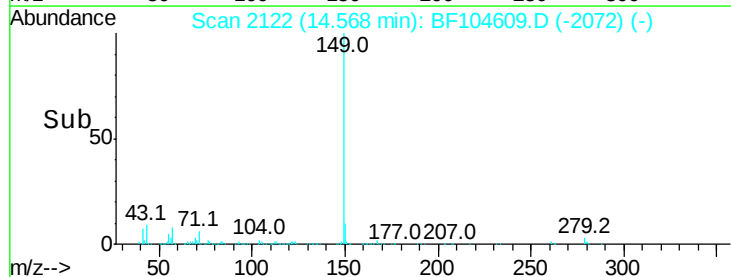
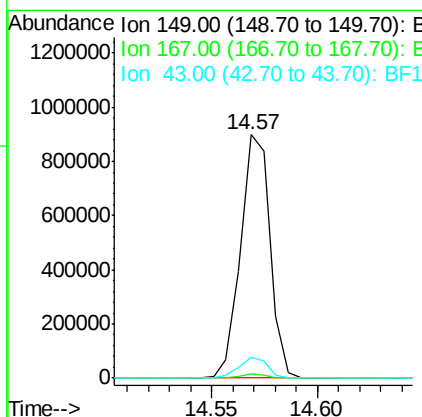
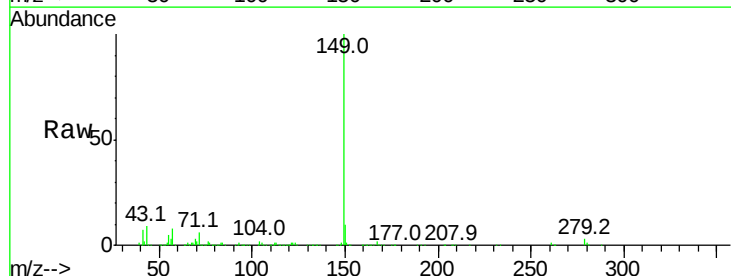
Instrument :
 BNA_F
 ClientSampleId :

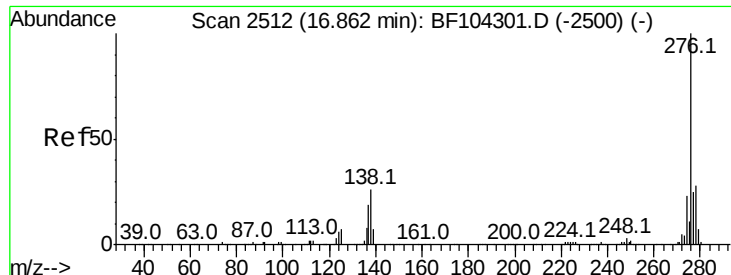
Tot Ion:149	Resp:	500144
Ion	Ratio	Lower Upper
149	100	
167	26.3	21.3 31.9
279	3.4	3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 48.265 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:149	Resp:	866232
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	8.2	8.4 12.6#

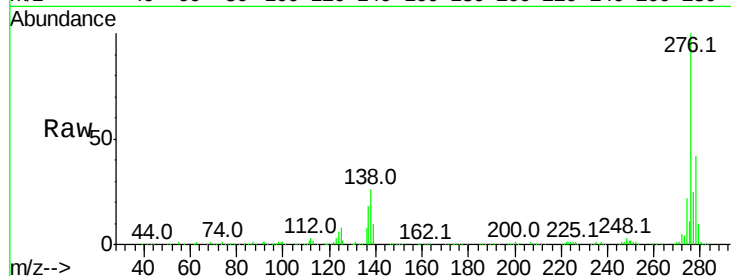




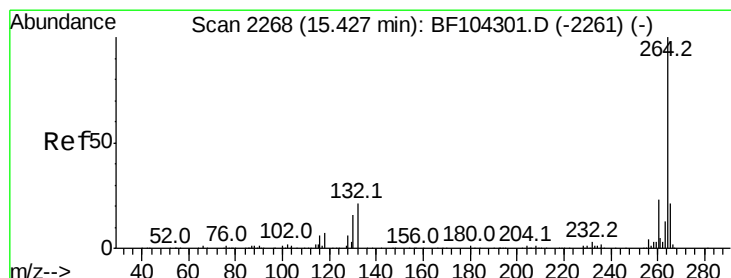
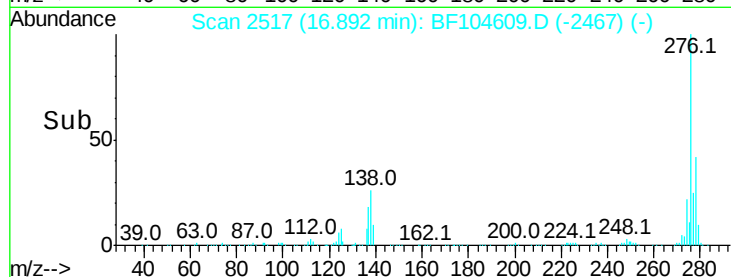
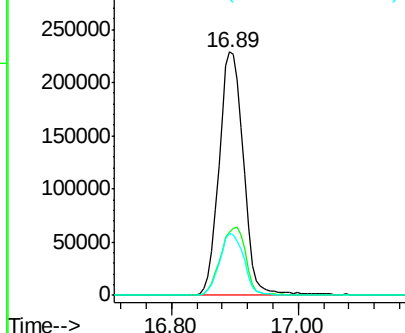
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.669 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.6	20.1	30.1

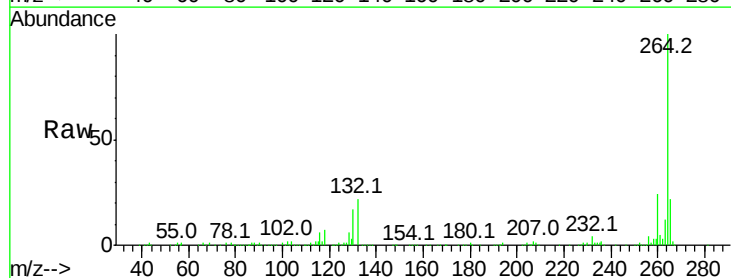


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

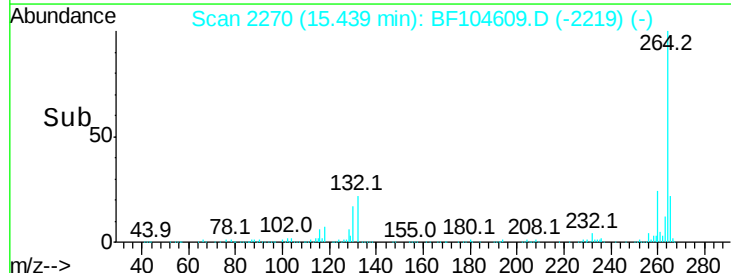
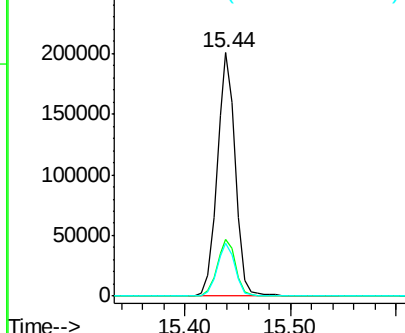


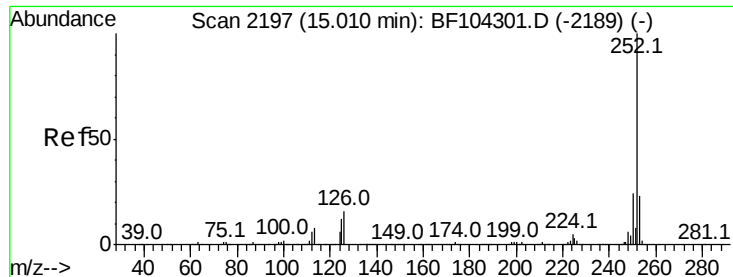
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3



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

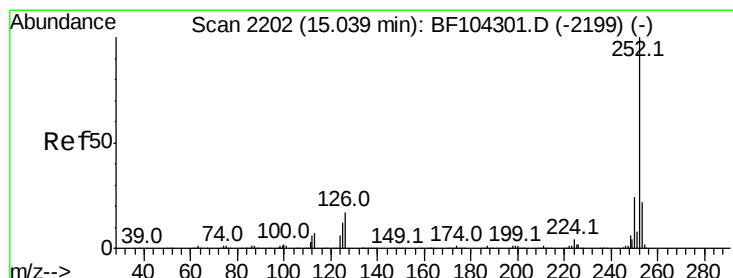
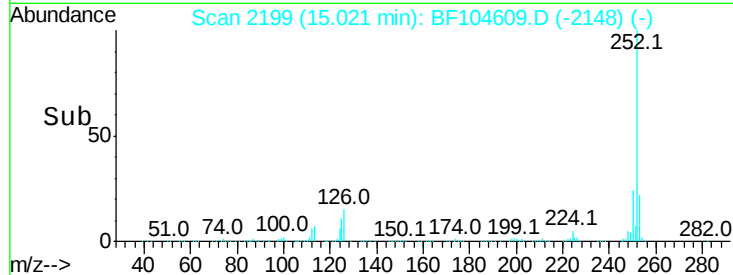
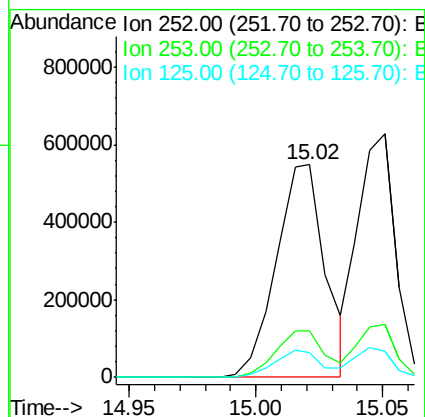
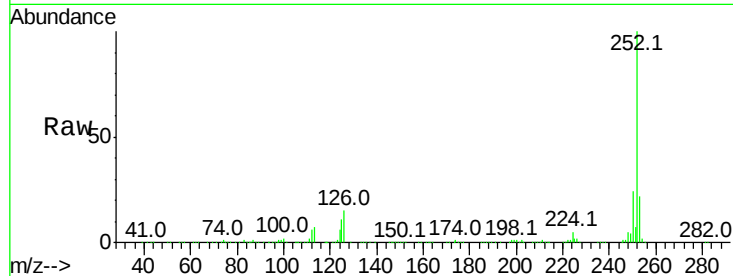




#87
Benzo(b)fluoranthene
Concen: 48.223 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

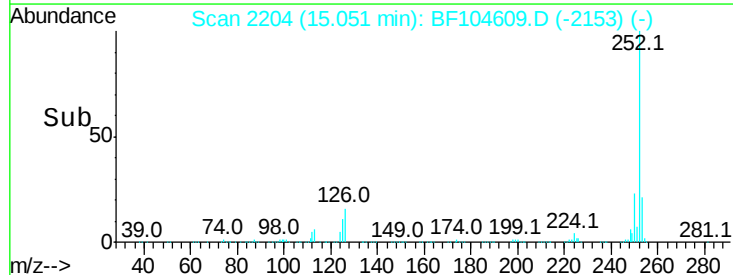
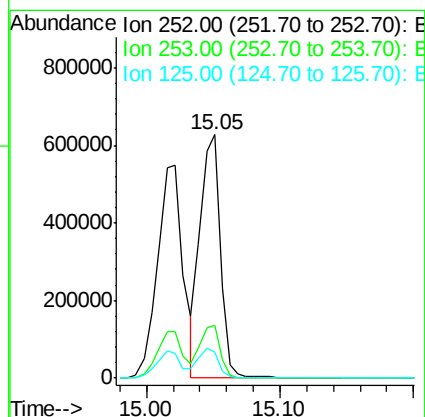
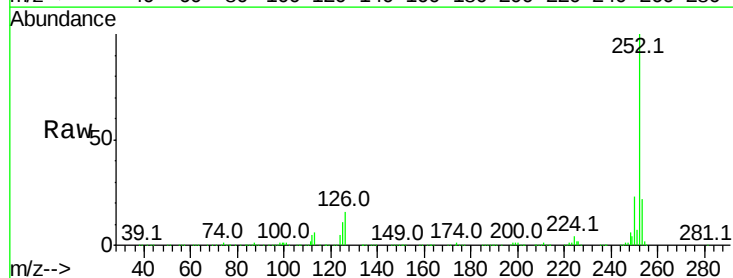
Instrument :
BNA_F
ClientSampleId :

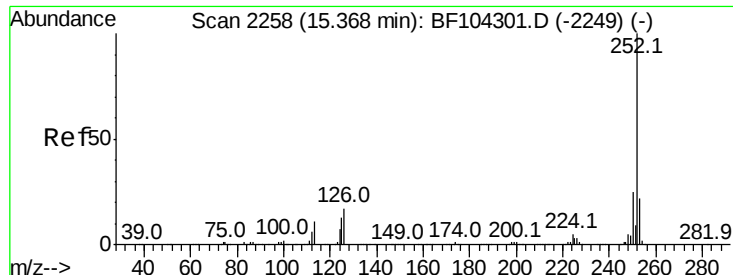
Tot Ion:252 Resp: 737993
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.232 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:252 Resp: 653519
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.9 10.2 15.2

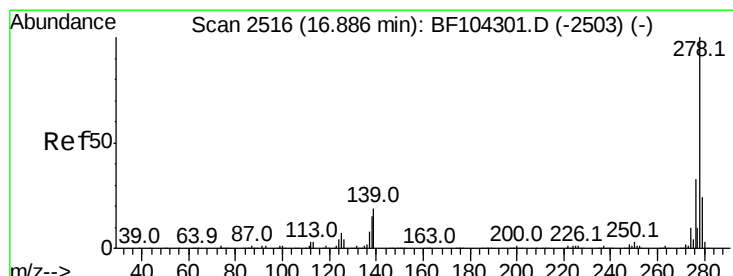
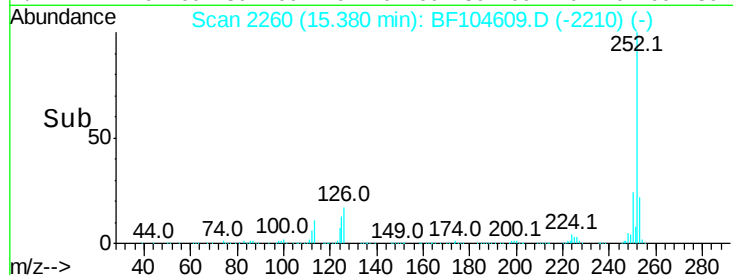
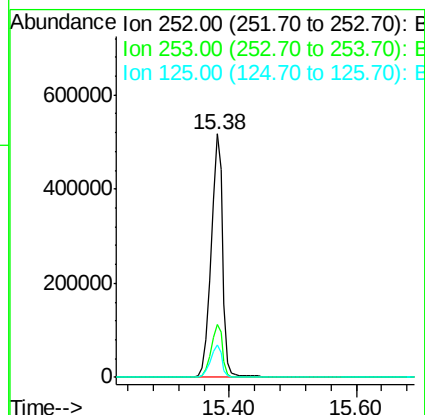
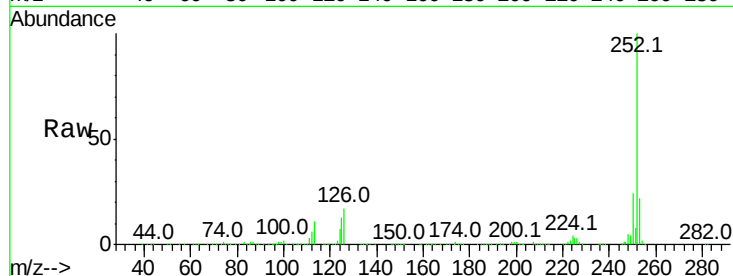




#89
Benzo(a)pyrene
Concen: 48.534 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

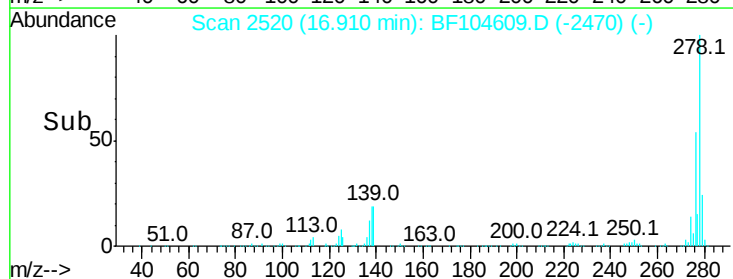
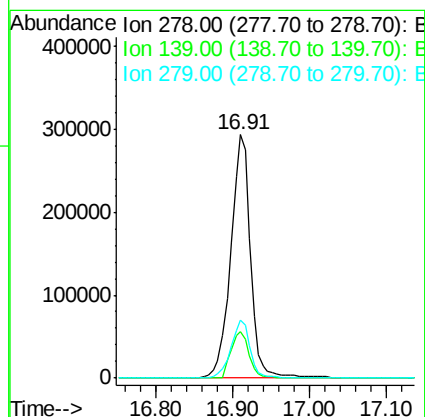
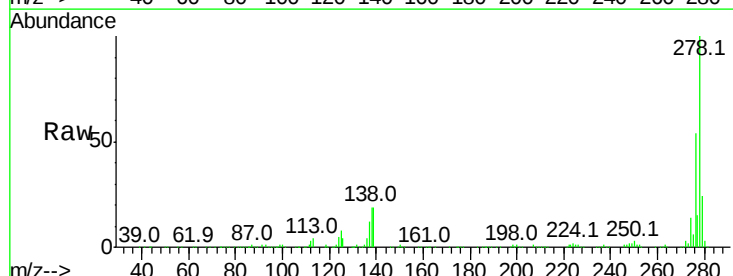
Instrument :
BNA_F
ClientSampleId :

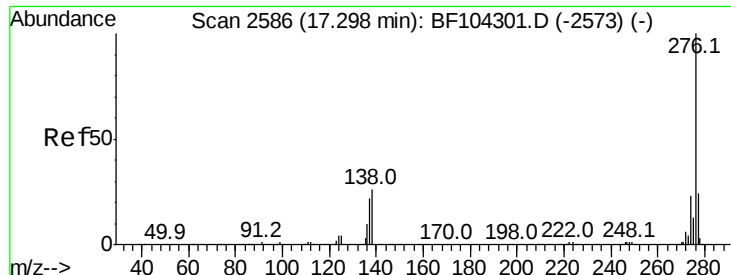
Tot Ion:252 Resp: 664579
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.847 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion:278 Resp: 526850
Ion Ratio Lower Upper
278 100
139 19.0 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.033 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

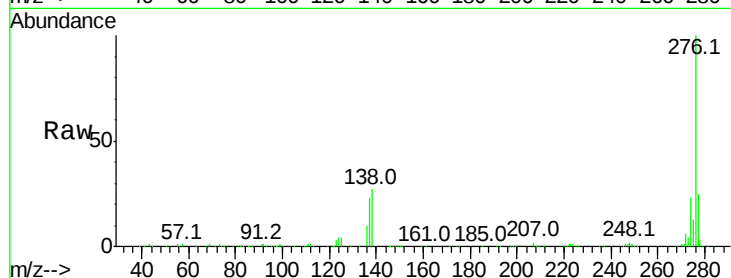
Tot Ion:276 Resp: 479765

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 26.8 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

