

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104035.D
 Acq On : 29 Mar 2018 3:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 09:07:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117645	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	461968	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185392	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	278675	20.00	ng	0.00
75) Chrysene-d12	14.16	240	227562	20.00	ng	0.00
86) Perylene-d12	15.70	264	169460	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	544144	73.76	ng	0.00
7) Phenol-d6	6.60	99	678381	74.74	ng	0.00
23) Nitrobenzene-d5	7.53	82	610093	80.76	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	129380	62.67	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1072104	91.19	ng	0.00
78) Terphenyl-d14	13.09	244	780620	79.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	118374	37.205	ng	# 86
3) Pyridine	3.60	79	279609	34.714	ng	# 86
4) n-Nitrosodimethylamine	3.58	42	64774	27.055	ng	# 75
6) Aniline	6.64	93	416210	38.307	ng	# 90
8) 2-Chlorophenol	6.76	128	312326	38.596	ng	# 96
9) Benzaldehyde	6.53	77	159649	31.834	ng	# 95
10) Phenol	6.62	94	362615	36.059	ng	# 96
11) bis(2-Chloroethyl)ether	6.70	93	353531	40.797	ng	# 90
12) 1,3-Dichlorobenzene	6.91	146	341591	37.552	ng	# 98
13) 1,4-Dichlorobenzene	6.99	146	380434	39.032	ng	# 99
14) 1,2-Dichlorobenzene	7.14	146	332260	37.926	ng	# 99
15) Benzyl Alcohol	7.11	79	212240	35.967	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	356564	37.769	ng	# 63
17) 2-Methylphenol	7.22	107	247053	37.511	ng	# 91
18) Hexachloroethane	7.47	117	78154	23.949	ng	# 95
19) n-Nitroso-di-n-propylamine	7.37	70	207350	38.496	ng	# 89
20) 3+4-Methylphenols	7.37	107	331838	39.478	ng	# 63
22) Acetophenone	7.38	105	458202	40.994	ng	# 98
24) Nitrobenzene	7.56	77	320292	40.298	ng	# 94
25) Isophorone	7.78	82	525372	37.739	ng	# 99
26) 2-Nitrophenol	7.87	139	96563	23.275	ng	# 90
27) 2,4-Dimethylphenol	7.90	122	228885	38.253	ng	# 98
28) bis(2-Chloroethoxy)methane	7.99	93	340426	39.017	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	235722	37.717	ng	# 96
30) 1,2,4-Trichlorobenzene	8.19	180	279865	39.467	ng	# 99
31) Naphthalene	8.27	128	930877	41.246	ng	# 100
32) Benzoic acid	8.02	122	108607	24.778	ng	# 93
33) 4-Chloroaniline	8.33	127	364975	38.359	ng	# 96
34) Hexachlorobutadiene	8.37	225	150967	39.123	ng	# 99
35) Caprolactam	8.69	113	66248	33.430	ng	# 76
36) 4-Chloro-3-methylphenol	8.80	107	238907	36.141	ng	# 96
37) 2-Methylnaphthalene	8.96	142	552735	37.181	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	244851	43.069	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	1683	5.973	ng	# 90

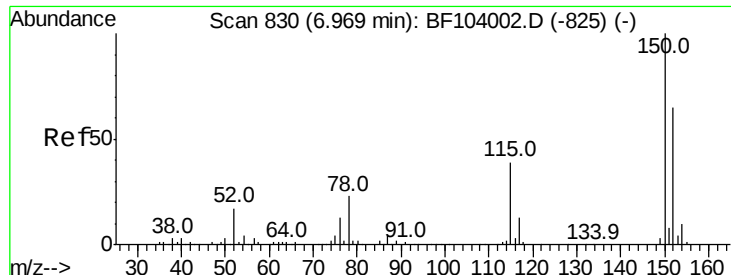
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104035.D
 Acq On : 29 Mar 2018 3:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 09:07:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	130933	36.371	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	164687	37.889	nq	96
45) 1,1'-Biphenyl	9.42	154	681532	42.832	nq	100
46) 2-Chloronaphthalene	9.46	162	520129	41.440	nq	97
47) 2-Nitroaniline	9.56	65	150827	42.142	nq	93
48) Acenaphthylene	9.87	152	744456	39.151	nq	100
49) Dimethylphthalate	9.72	163	620959	42.423	nq	99
50) 2,6-Dinitrotoluene	9.79	165	106078	33.685	nq	91
51) Acenaphthene	10.04	154	435138	39.558	nq	99
52) 3-Nitroaniline	9.97	138	153876	42.507	nq	95
54) Dibenzofuran	10.22	168	610081	37.980	nq	99
55) 4-Nitrophenol	10.15	139	47805	22.024	nq	98
56) 2,4-Dinitrotoluene	10.20	165	116707	29.044	nq	# 93
57) Fluorene	10.56	166	476154	35.935	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	105861	32.507	nq	90
59) Diethylphthalate	10.42	149	568116	40.515	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	234920	38.602	nq	94
61) 4-Nitroaniline	10.59	138	130655	38.573	nq	93
62) Azobenzene	10.70	77	451341	35.596	nq	96
65) n-Nitrosodiphenylamine	10.67	169	427841	45.333	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	128457	43.086	nq	# 87
67) Hexachlorobenzene	11.10	284	138997	40.529	nq	93
68) Atrazine	11.19	200	87581	30.291	nq	98
69) Pentachlorophenol	11.30	266	67382	35.705	nq	98
70) Phenanthrene	11.53	178	579015	38.376	nq	98
71) Anthracene	11.58	178	628342	39.870	nq	99
72) Carbazole	11.74	167	587551	39.062	nq	99
73) Di-n-butylphthalate	12.05	149	768702	42.904	nq	99
74) Fluoranthene	12.72	202	612669	38.202	nq	97
76) Benzidine	12.85	184	310172	47.829	nq	99
77) Pyrene	12.95	202	638603	39.038	nq	100
79) Butylbenzylphthalate	13.55	149	301395	39.107	nq	99
80) Benzo(a)anthracene	14.14	228	550033	38.629	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	201501	42.753	nq	99
82) Chrysene	14.19	228	531990	38.145	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	405426	40.714	nq	98
84) Di-n-octyl phthalate	14.73	149	687213	40.119	nq	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	367312	25.416	nq	96
87) Benzo(b)fluoranthene	15.24	252	401166	38.898	nq	99
88) Benzo(k)fluoranthene	15.27	252	448921	46.209	nq	99
89) Benzo(a)pyrene	15.63	252	372027	38.927	nq	99
90) Dibenzo(a,h)anthracene	17.30	278	309305	35.004	nq	96
91) Benzo(g,h,i)perylene	17.77	276	296626	33.515	nq	96

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

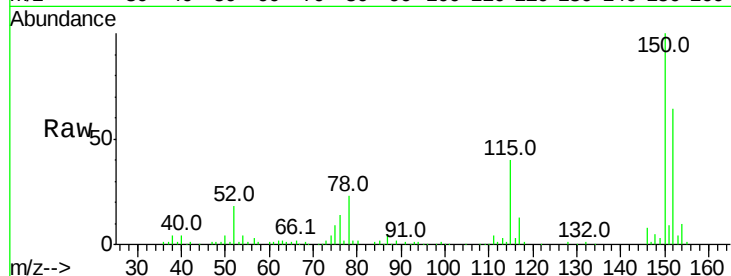


#1

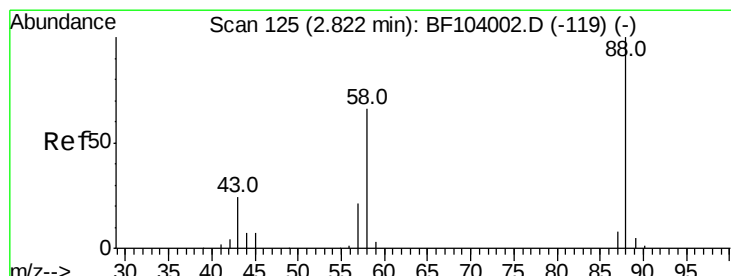
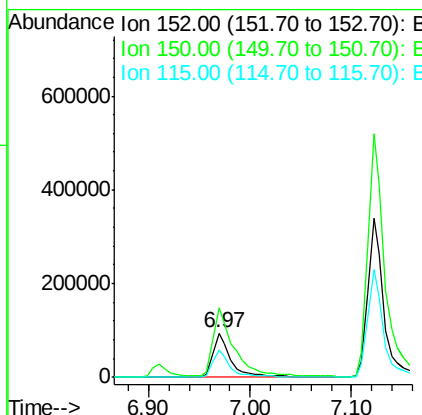
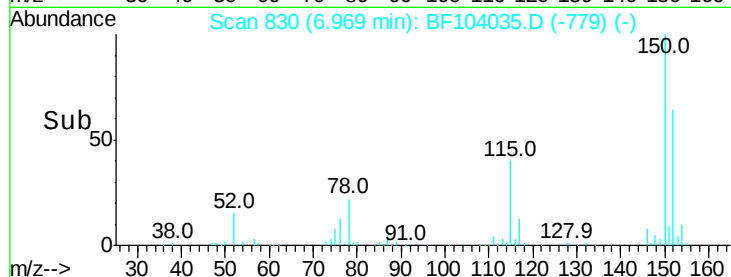
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117645
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.2 50.1 75.1



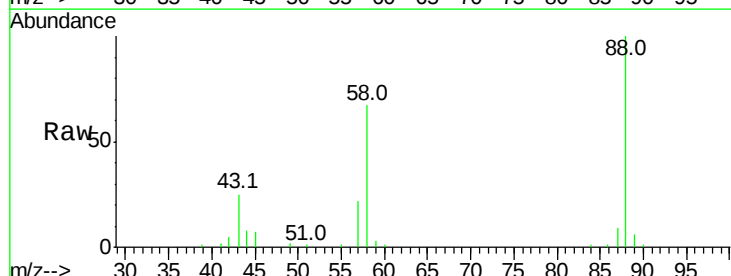
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



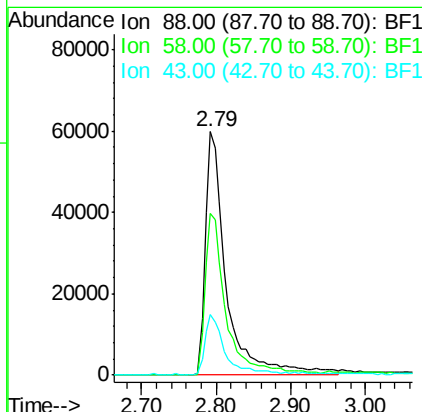
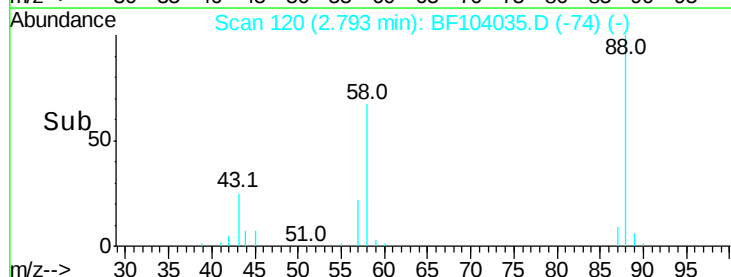
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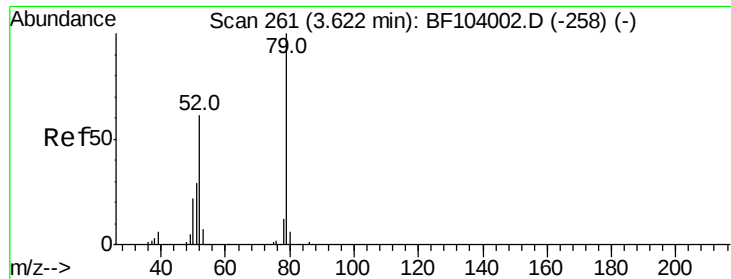
1,4-Dioxane
Concen: 37.205 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.03 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion: 88 Resp: 118374
Ion Ratio Lower Upper
88 100
58 66.2 62.6 93.8
43 23.7 24.6 37.0#



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

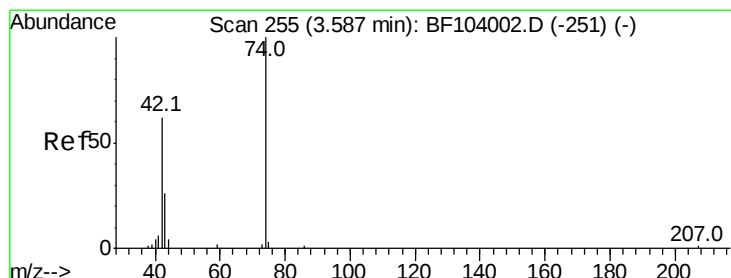
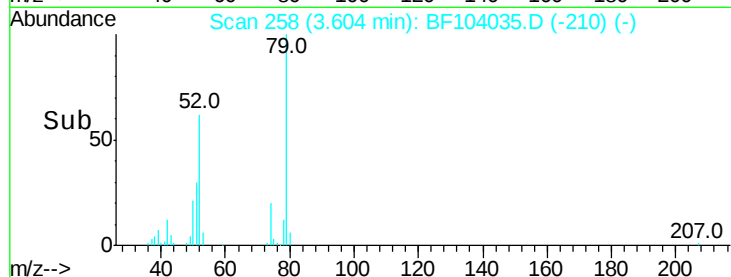
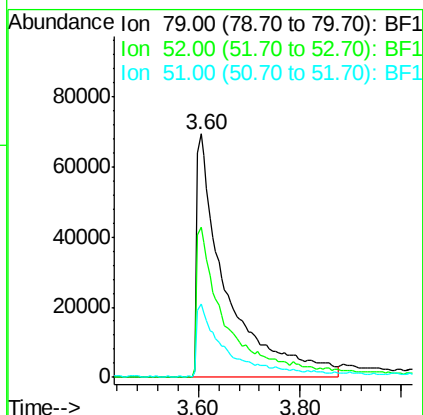
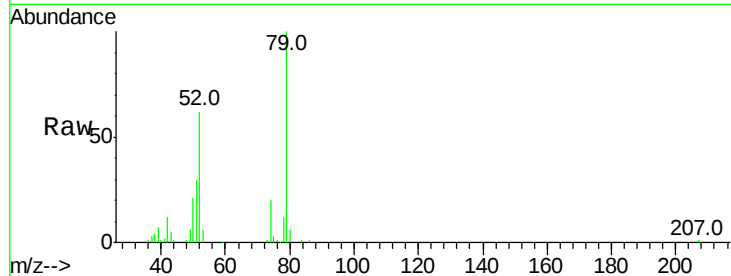




#3
 Pvridine
 Concen: 34.714 ng
 RT: 3.60 min Scan# 258
 Delta R.T. -0.02 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

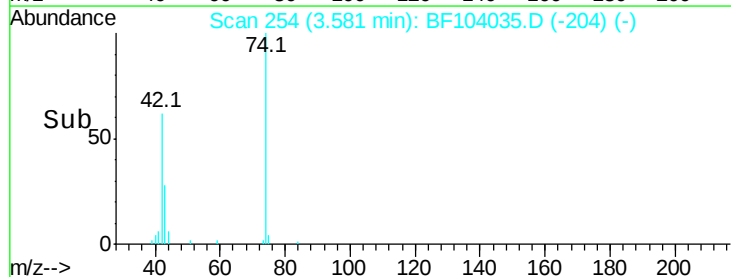
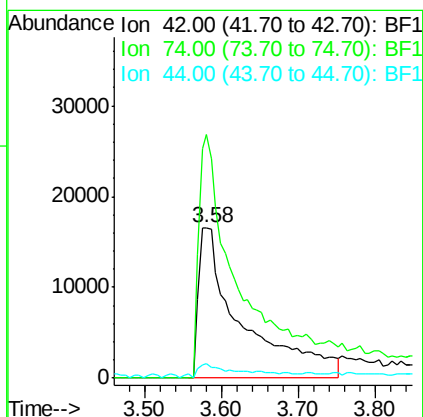
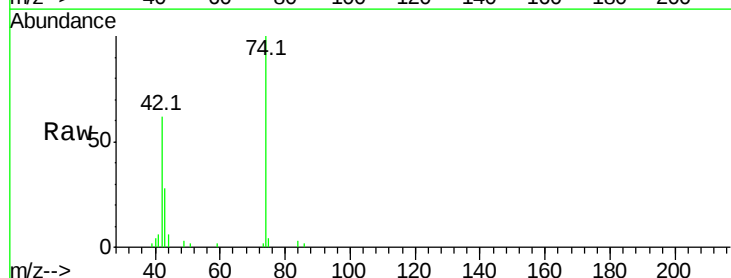
Instrument :
 BNA_F
 ClientSampleId :

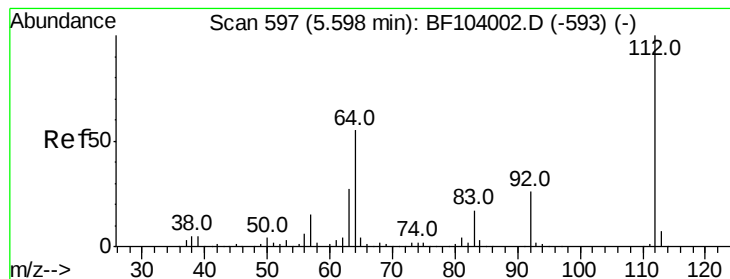
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.6	59.8	89.6
51	30.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 27.055 ng
 RT: 3.58 min Scan# 254
 Delta R.T. -0.01 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.7	104.9	157.3#
44	10.0	6.9	10.3





#5

2-Fluorophenol

Concen: 73.762 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampled :

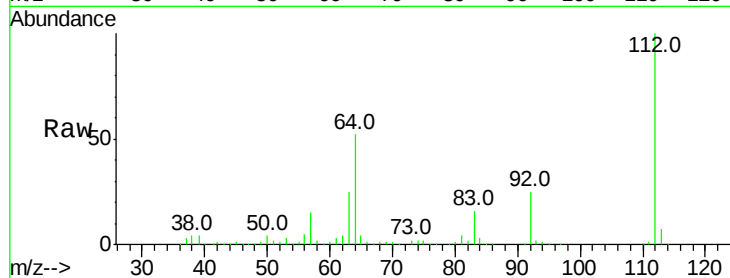
Tot Ion:112 Resp: 544144

Ion Ratio Lower Upper

112 100

64 52.3 47.9 71.9

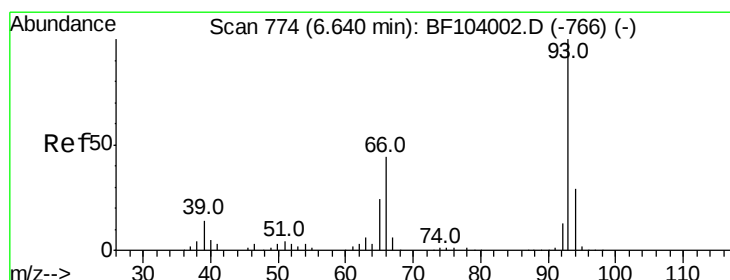
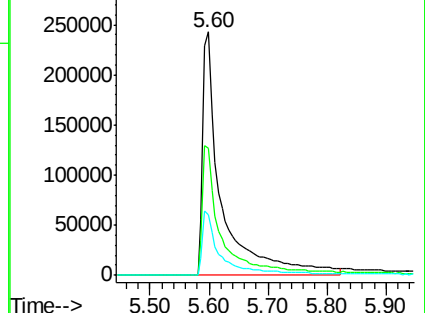
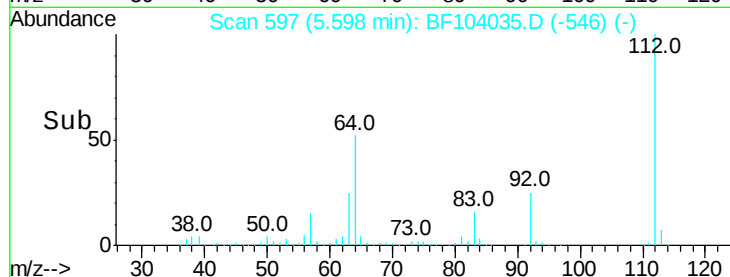
63 25.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.307 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

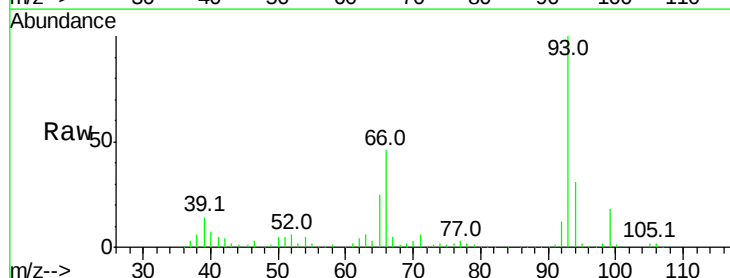
Tgt Ion: 93 Resp: 416210

Ion Ratio Lower Upper

93 100

66 46.4 32.2 48.2

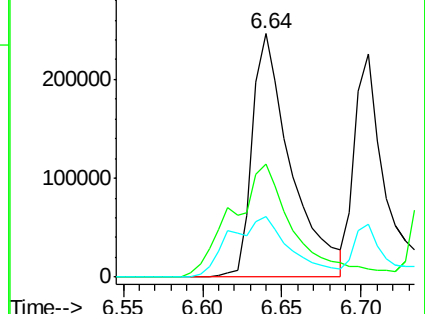
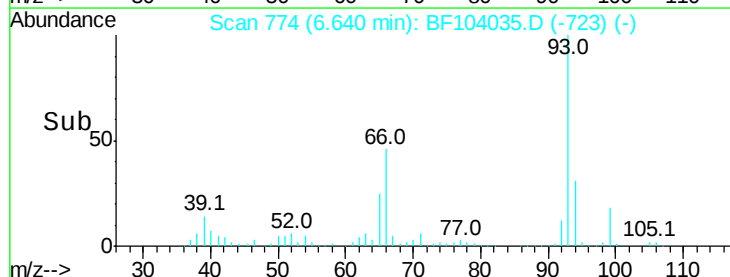
65 24.8 16.4 24.6#

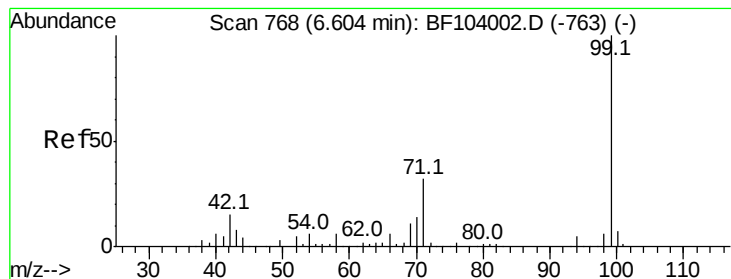


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.745 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampled :

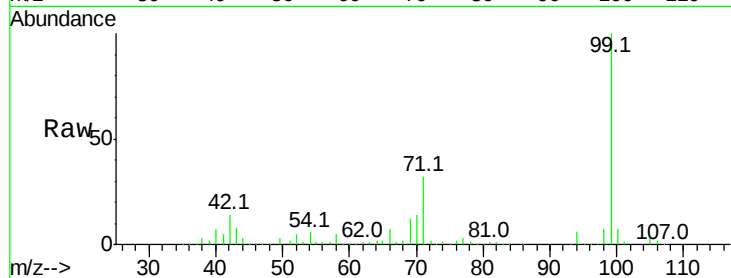
Tot Ion: 99 Resp: 678381

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

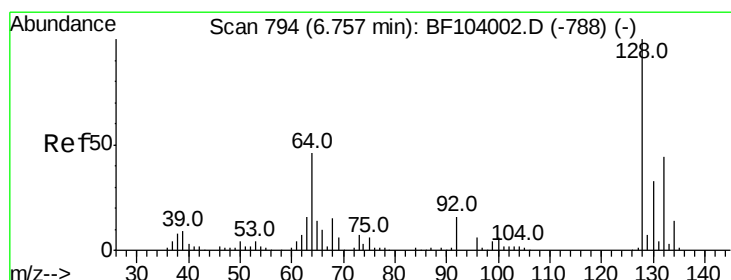
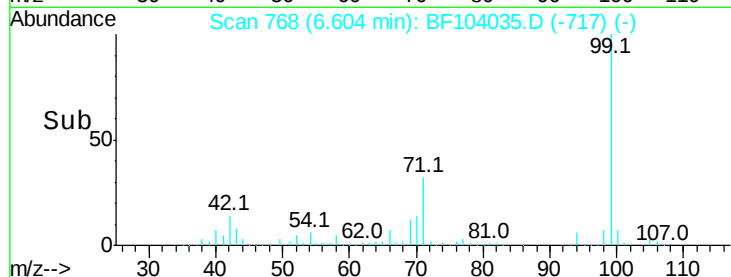
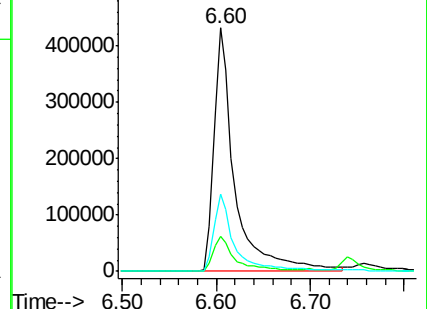
71 31.9 25.4 38.0



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: 38.596 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

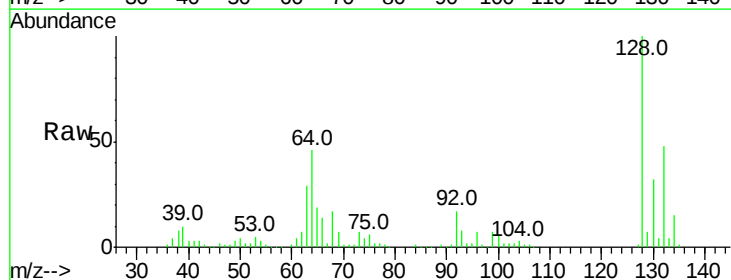
Tgt Ion: 128 Resp: 312326

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

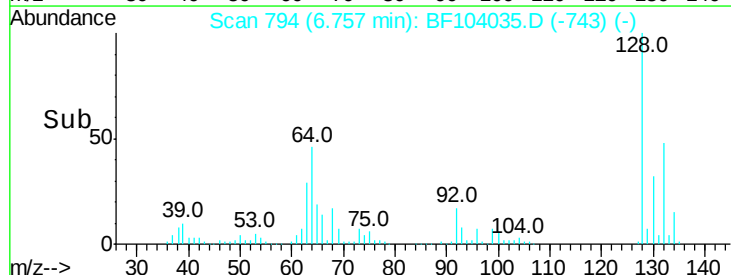
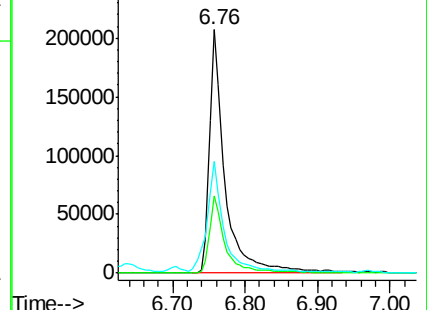
64 45.7 29.4 69.4

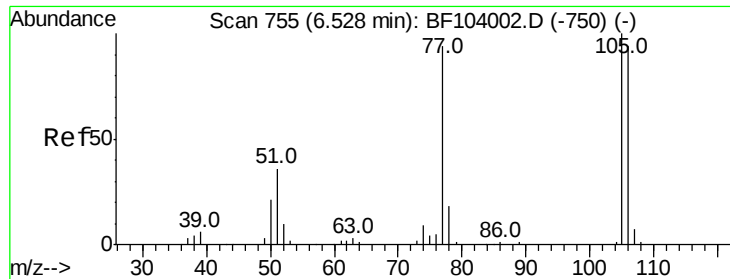


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.834 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

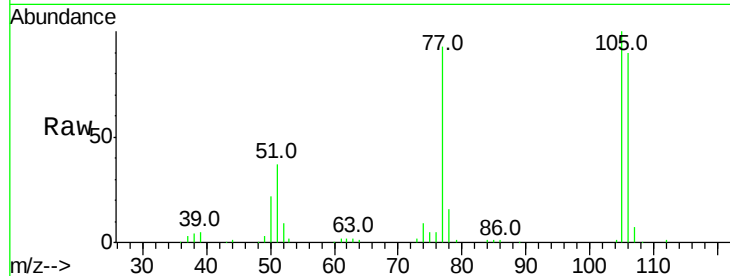
Tot Ion: 77 Resp: 159649

Ion Ratio Lower Upper

77 100

105 107.7 81.1 121.1

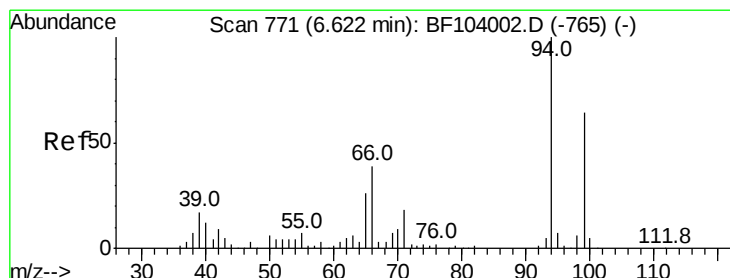
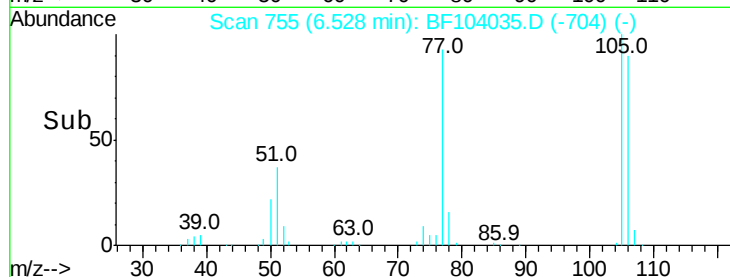
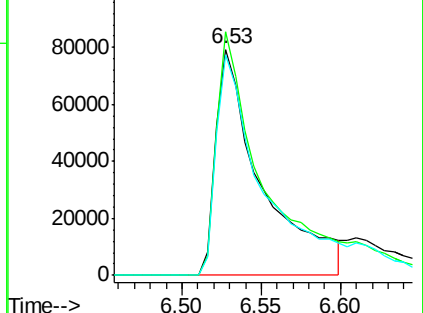
106 97.4 74.5 114.5



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: 36.059 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

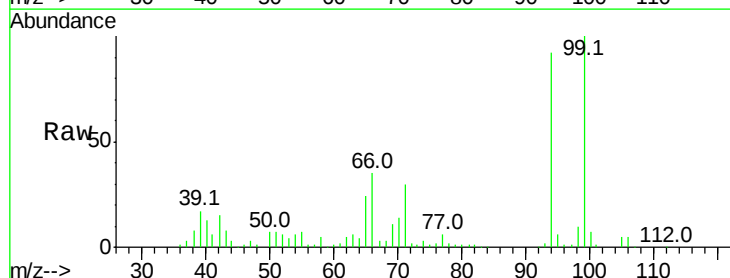
Tgt Ion: 94 Resp: 362615

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

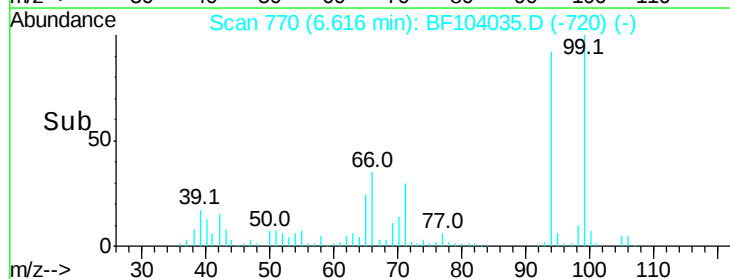
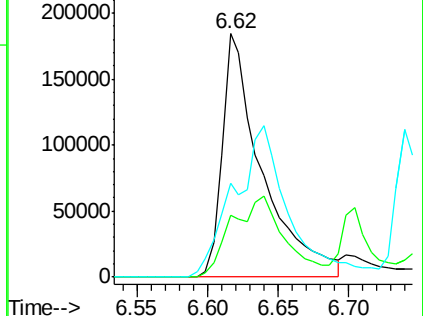
66 38.4 16.2 56.2

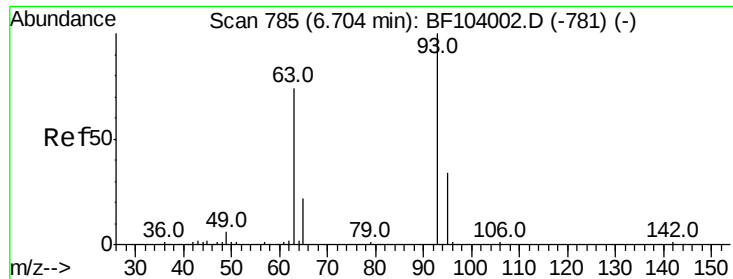


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.797 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

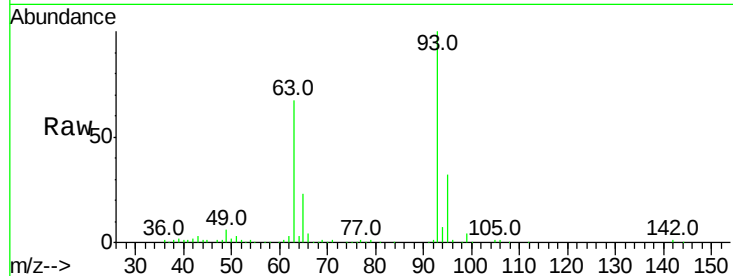
Tot Ion: 93 Resp: 353531

Ion Ratio Lower Upper

93 100

63 67.0 58.6 98.6

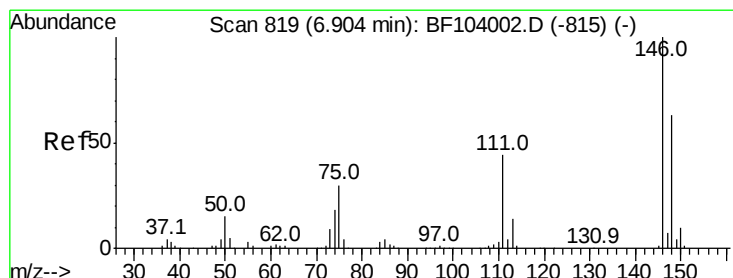
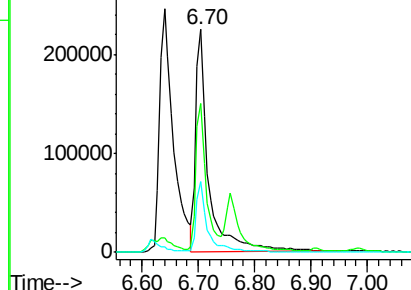
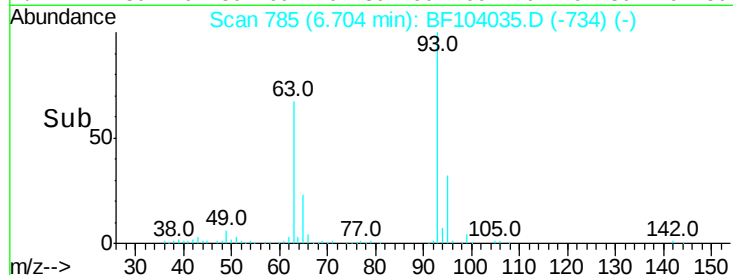
95 31.7 11.8 51.8



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: 37.552 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

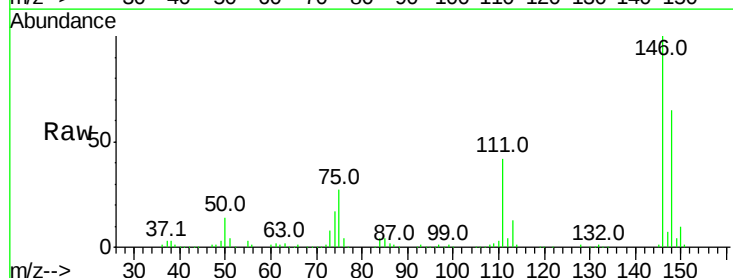
Tgt Ion: 146 Resp: 341591

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

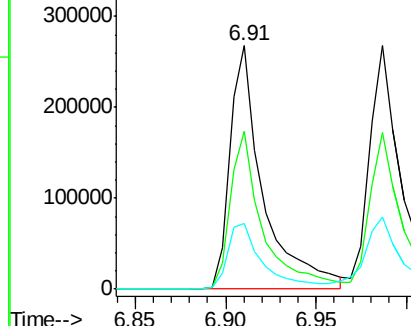
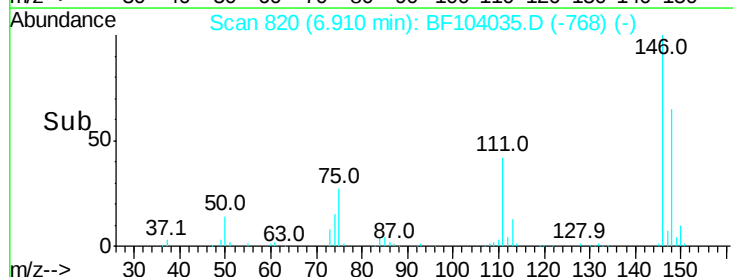
75 27.2 24.2 36.4

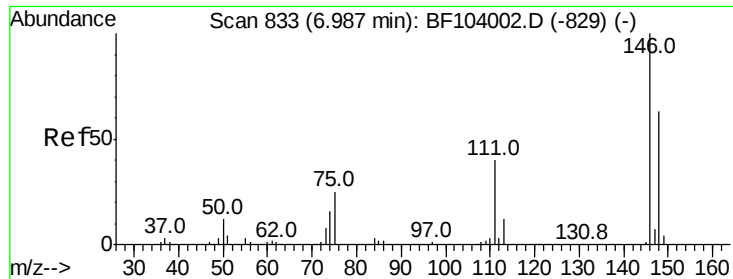


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.032 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampled :

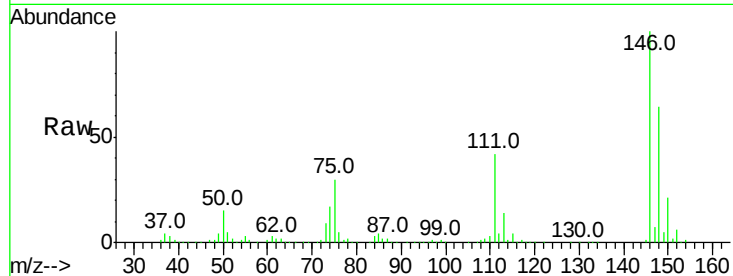
Tot Ion:146 Resp: 380434

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

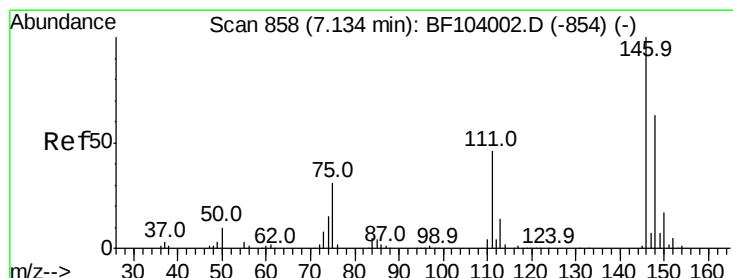
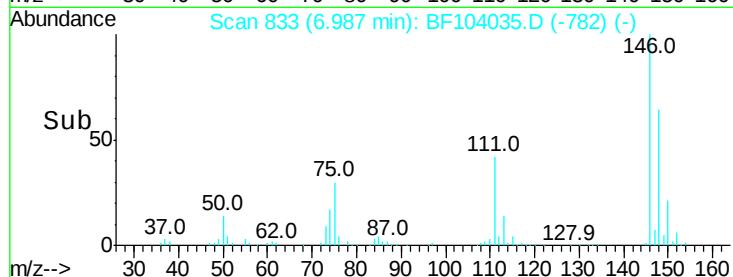
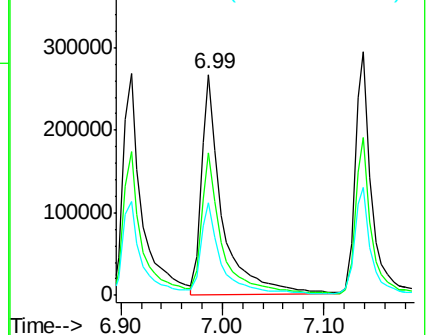
111 42.0 34.2 51.2



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: 37.926 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

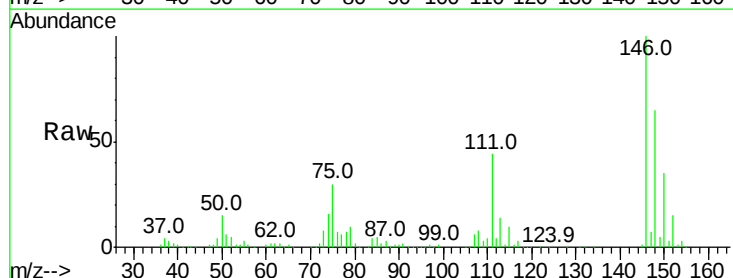
Tgt Ion:146 Resp: 332260

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

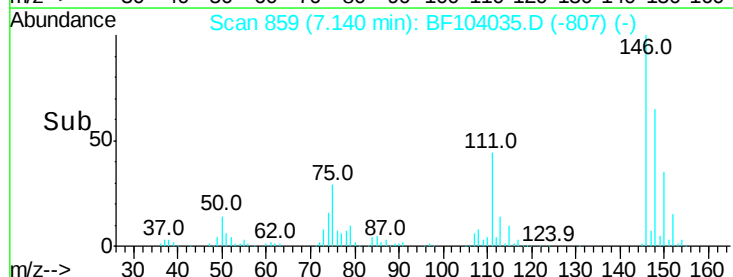
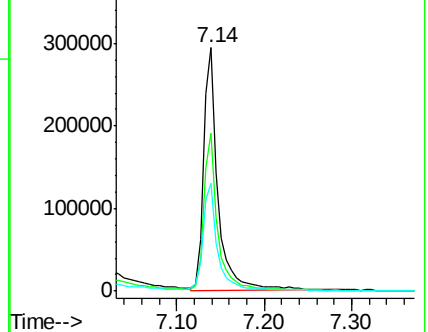
111 44.3 36.0 54.0

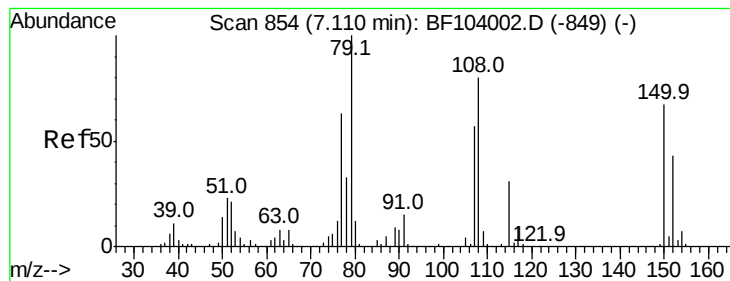


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.967 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampled :

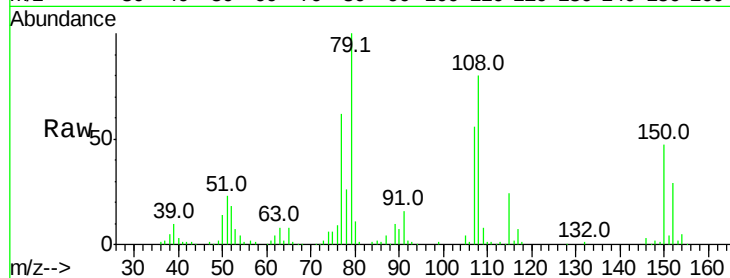
Tot Ion: 79 Resp: 212240

Ion Ratio Lower Upper

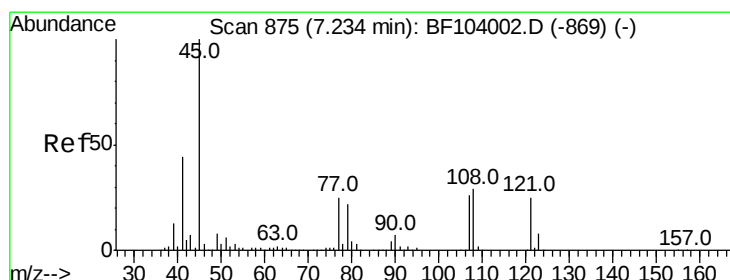
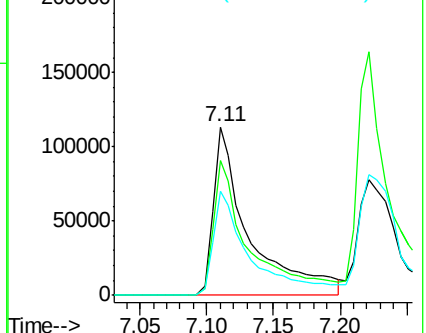
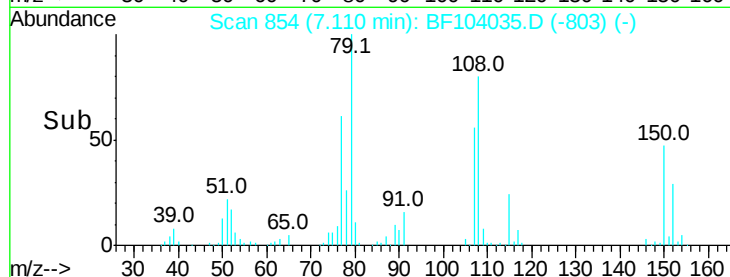
79 100

108 79.7 65.1 97.7

77 62.0 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.769 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

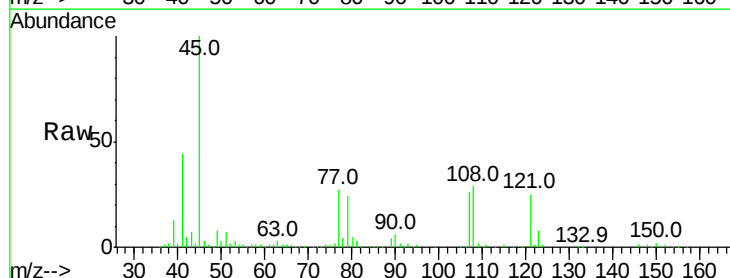
Tgt Ion: 45 Resp: 356564

Ion Ratio Lower Upper

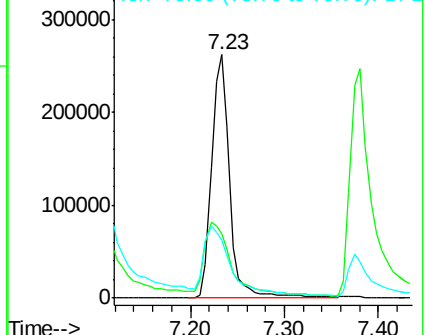
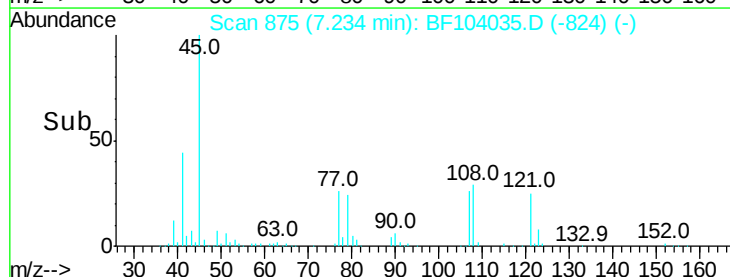
45 100

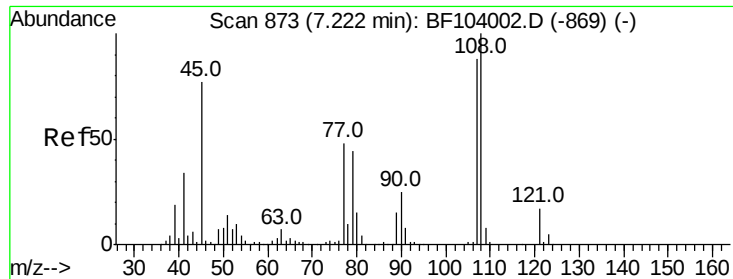
77 26.7 0.0 32.9

79 23.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

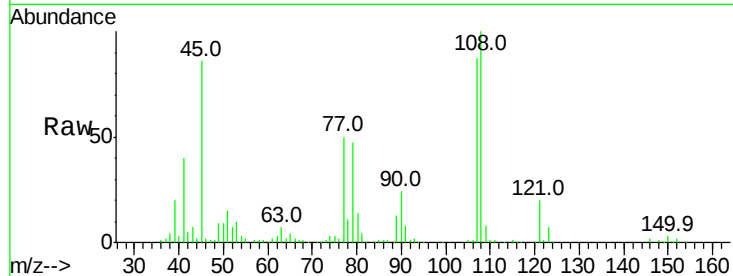




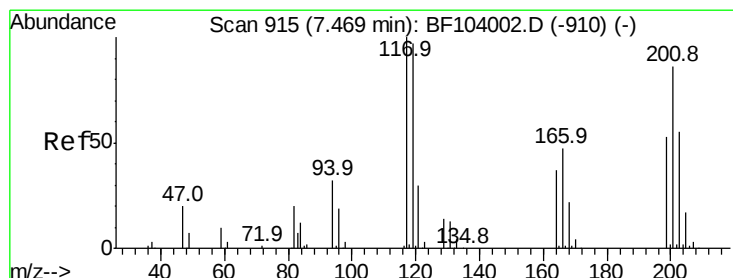
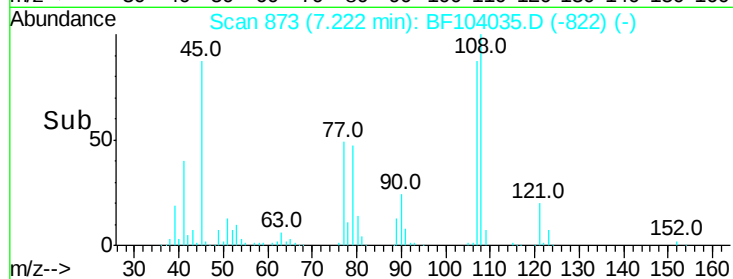
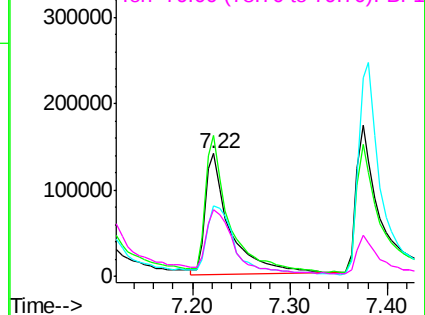
#17
2-Methylphenol
Concen: 37.511 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 247053
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 57.2 33.8 50.8#
79 54.6 33.8 50.8#

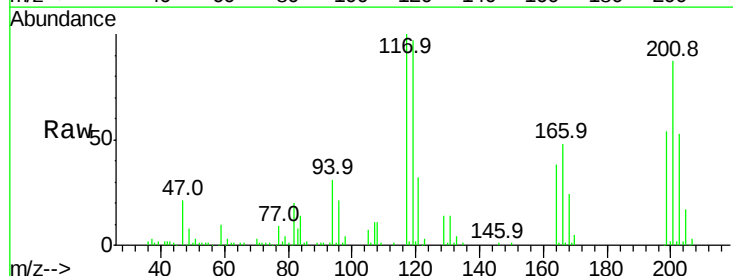


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

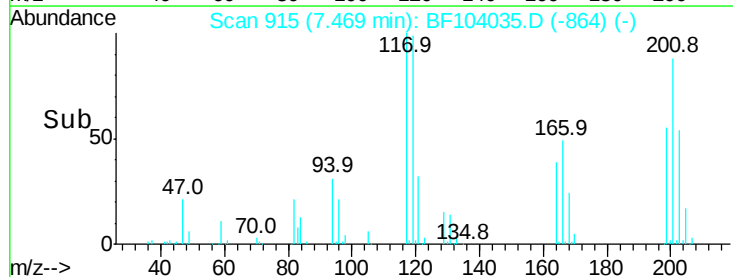
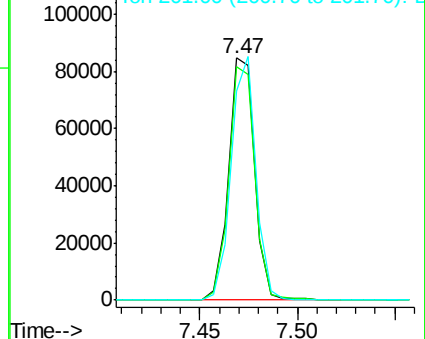


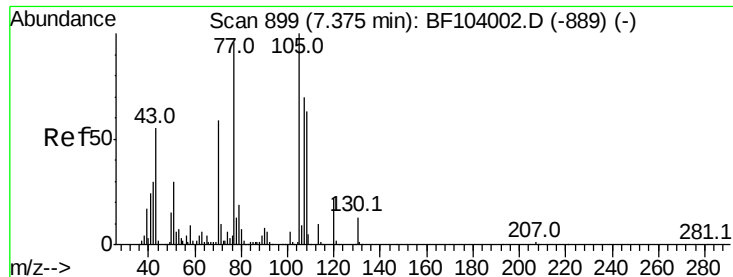
#18
Hexachloroethane
Concen: 23.949 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:117 Resp: 78154
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 86.5 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.496 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 207350

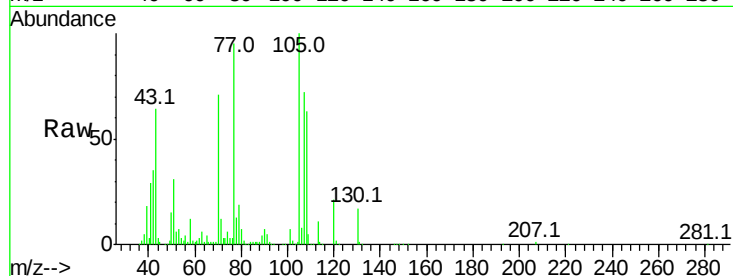
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 10.4 7.4 11.2

130 23.8 16.6 25.0

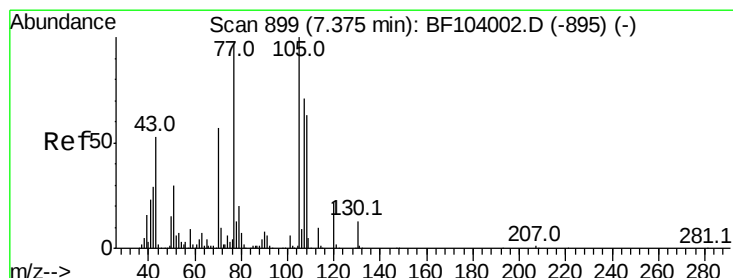
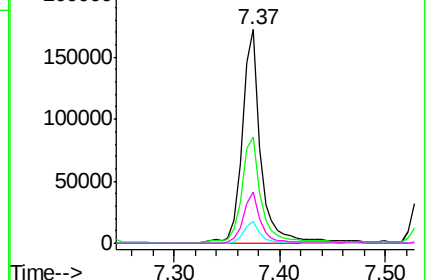
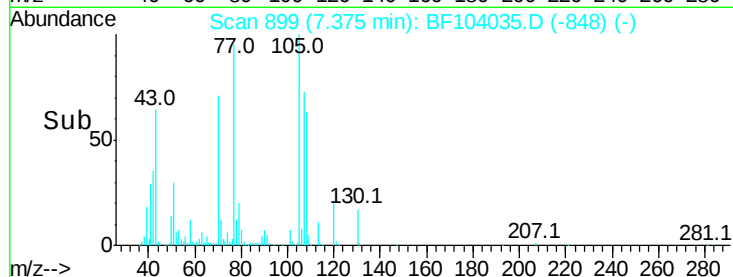


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.478 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Tgt Ion:107 Resp: 331838

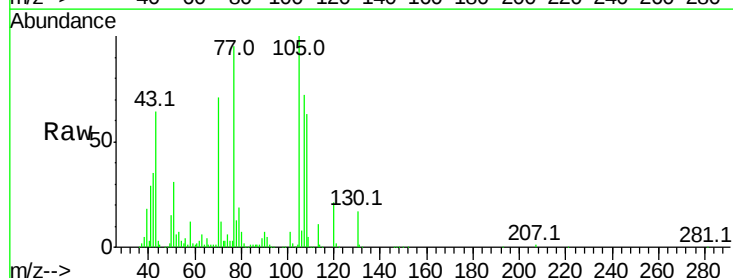
Ion Ratio Lower Upper

107 100

108 87.2 68.2 108.2

77 130.7 26.7 66.7#

79 26.9 6.3 46.3

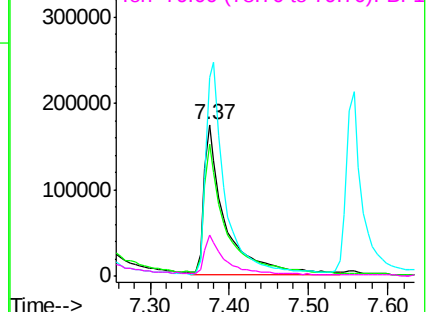
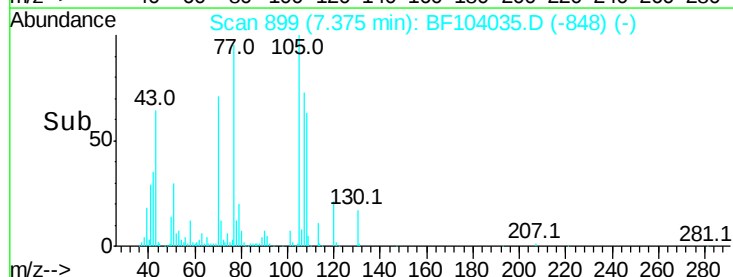


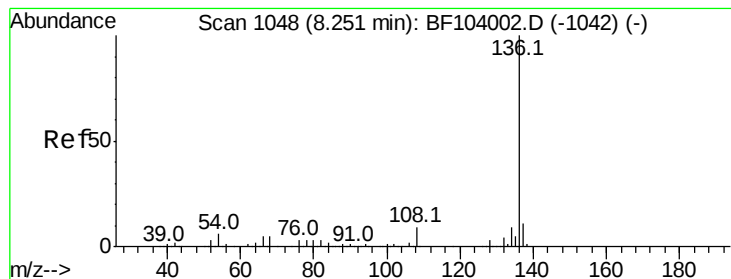
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461968

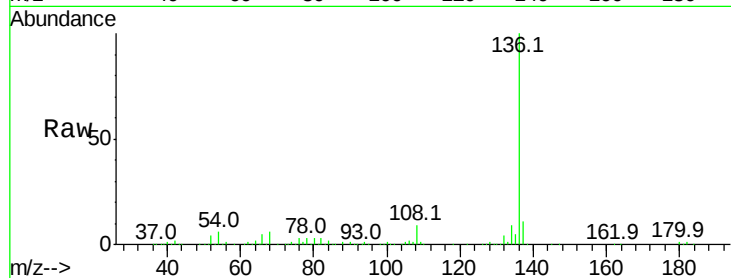
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 6.0 5.0 7.4

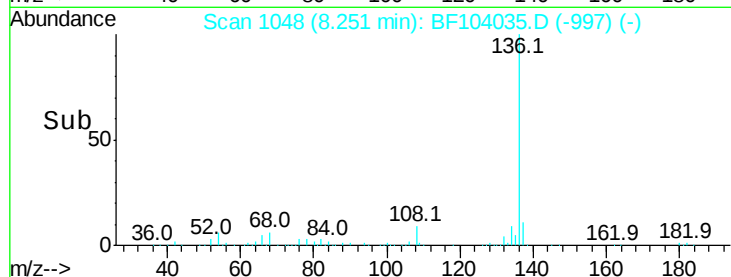


Abundance Ion 136.00 (135.70 to 136.70): E

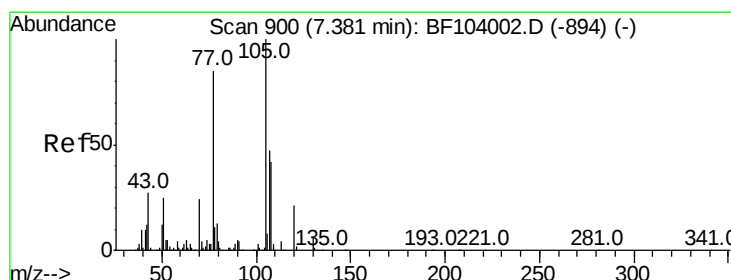
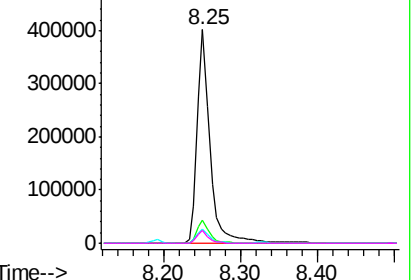
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.994 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Tgt Ion:105 Resp: 458202

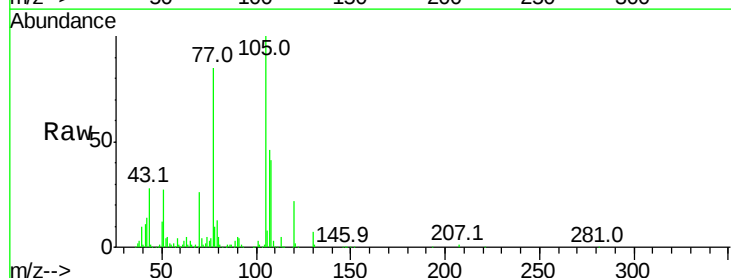
Ion Ratio Lower Upper

105 100

71 4.3 4.4 6.6#

51 26.5 22.3 33.5

120 21.8 16.9 25.3

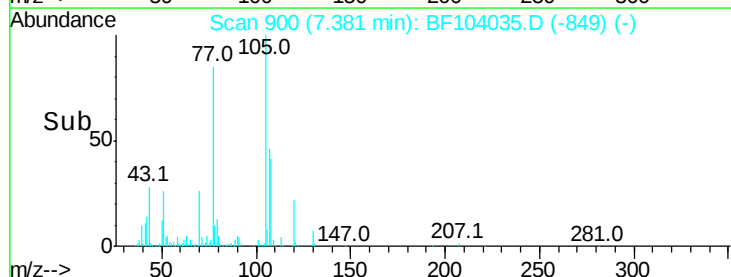


Abundance Ion 105.00 (104.70 to 105.70): E

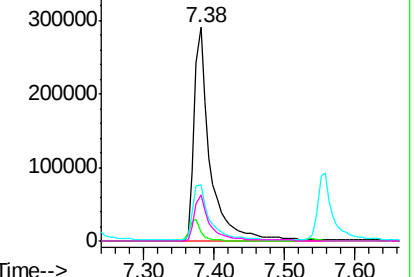
Ion 71.00 (70.70 to 71.70): BF1

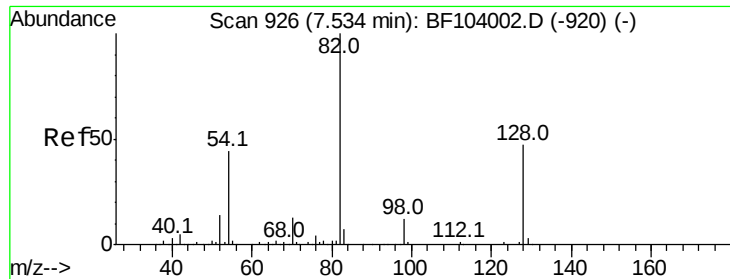
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

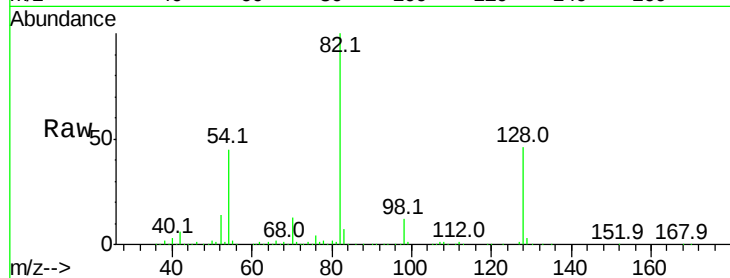




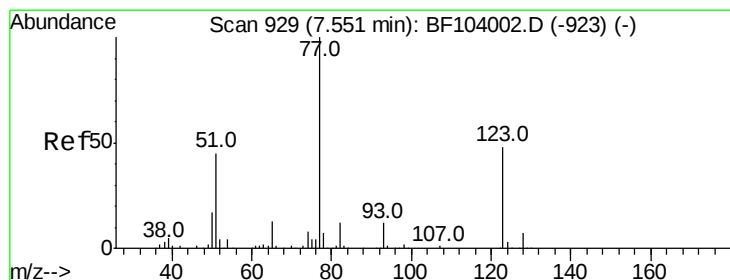
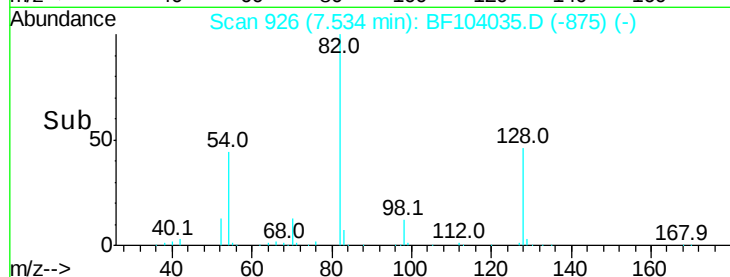
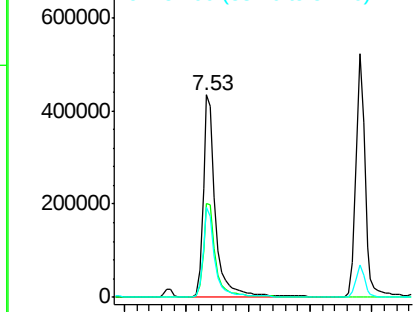
#23
Nitrobenzene-d5
Concen: 80.764 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 610093
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 44.6 41.4 62.2

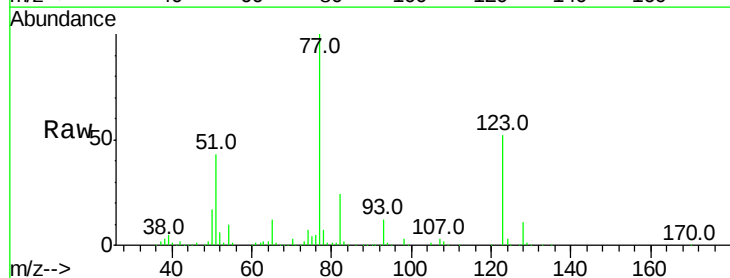


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

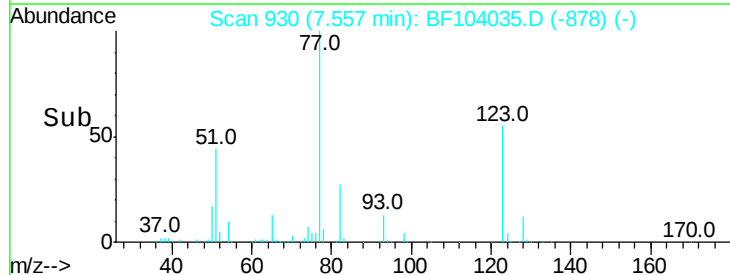
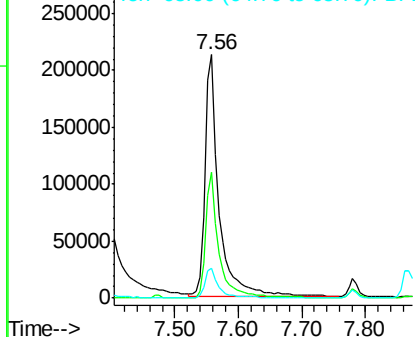


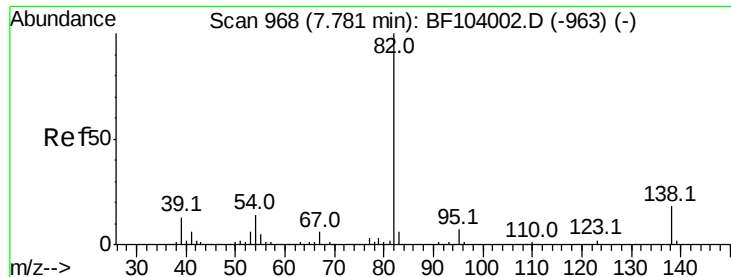
#24
Nitrobenzene
Concen: 40.298 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion: 77 Resp: 320292
Ion Ratio Lower Upper
77 100
123 51.6 37.9 56.9
65 12.1 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: 37.739 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

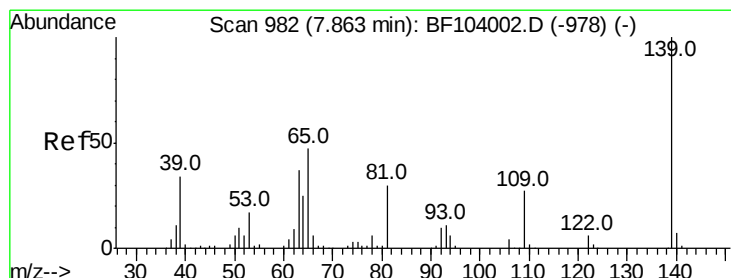
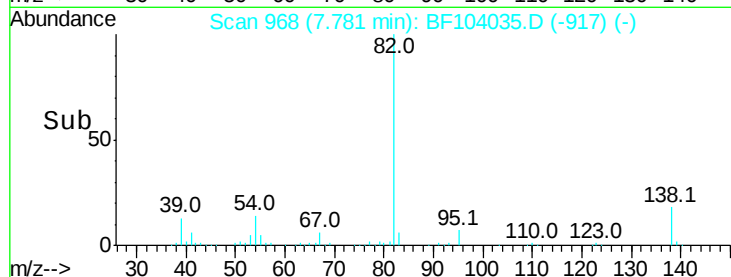
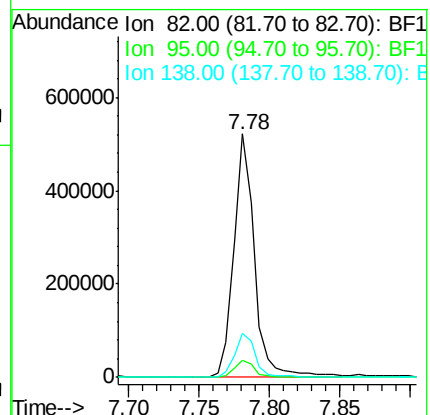
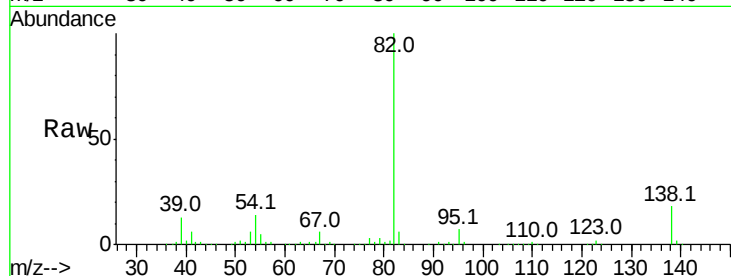
Tot Ion: 82 Resp: 525372

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 23.275 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

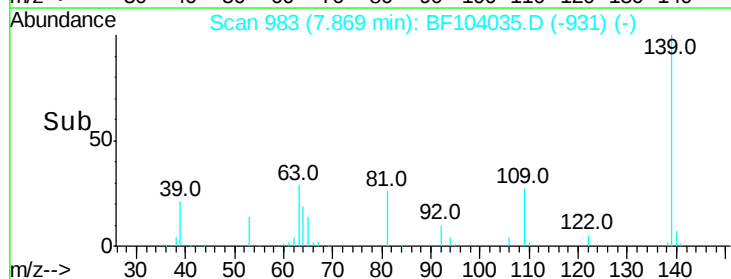
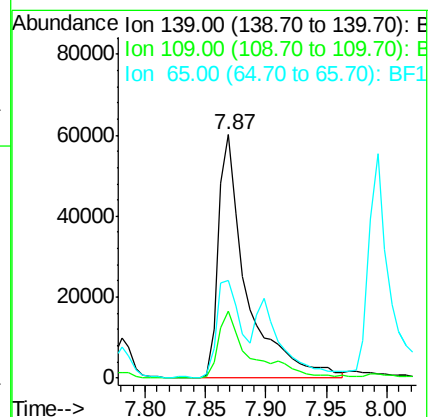
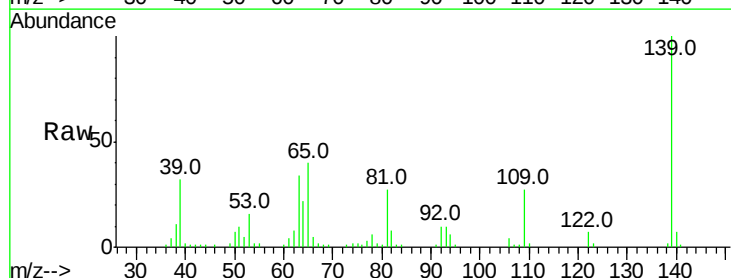
Tgt Ion: 139 Resp: 96563

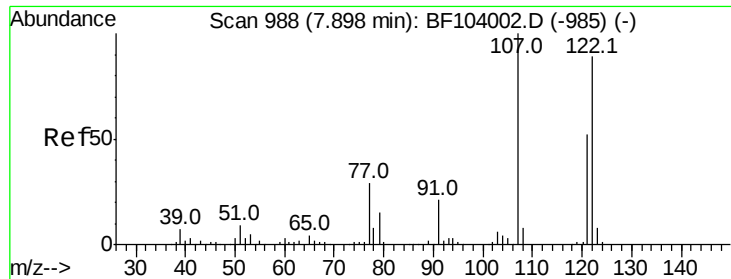
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 40.1 40.5 60.7#

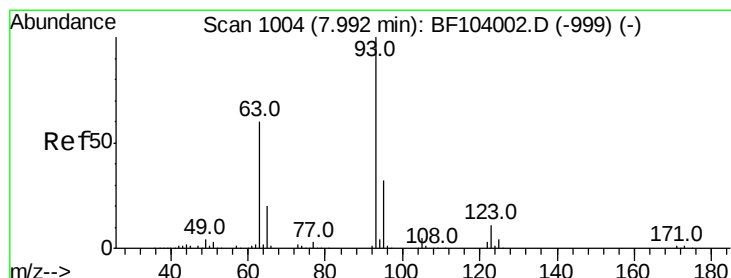
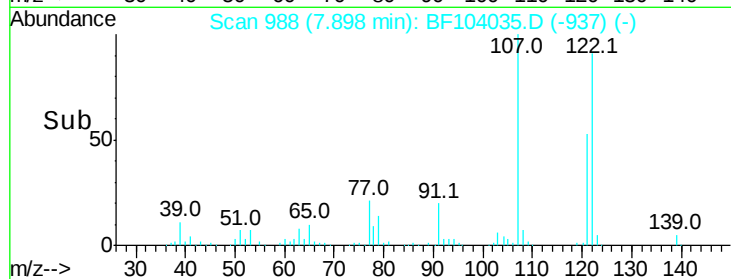
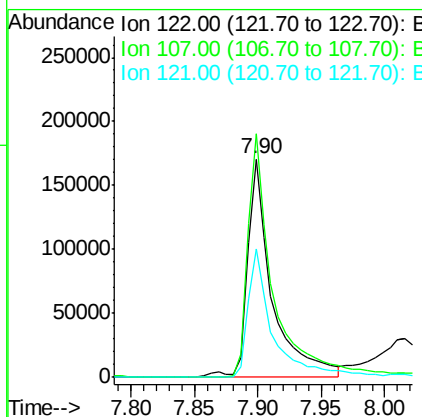
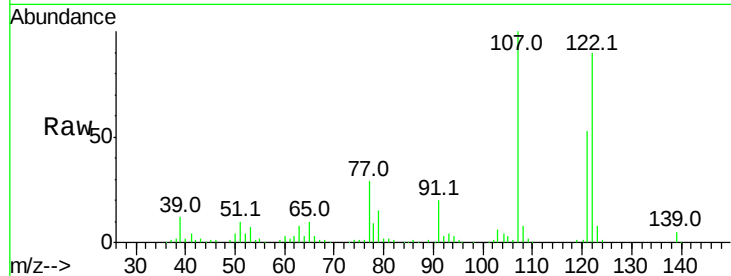




#27
 2,4-Dimethylphenol
 Concen: 38.253 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

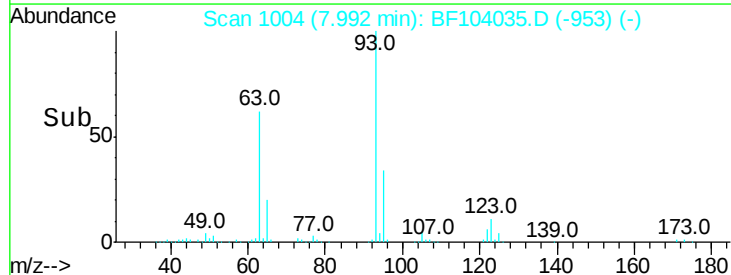
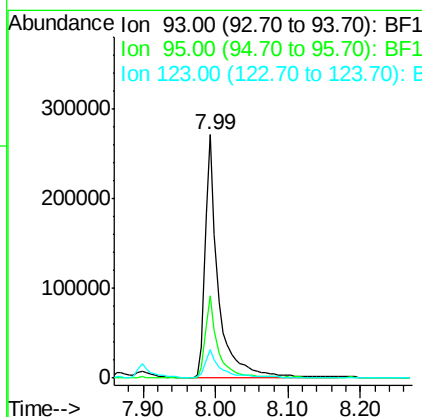
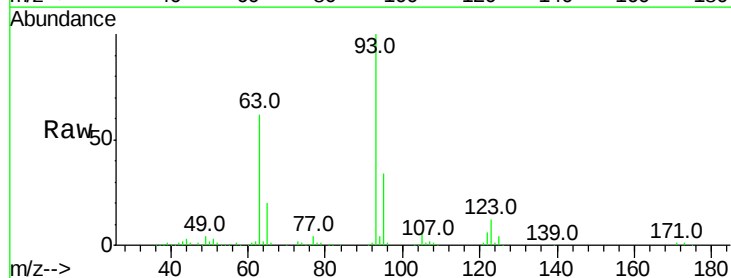
Instrument :
 BNA_F
 ClientSampled :

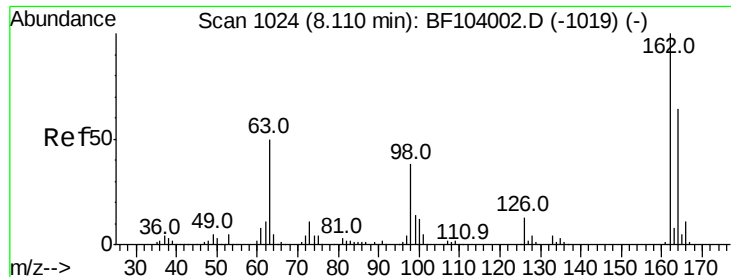
Tot Ion:122 Resp: 228885
 Ion Ratio Lower Upper
 122 100
 107 111.6 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.017 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion: 93 Resp: 340426
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 11.8 9.8 14.6

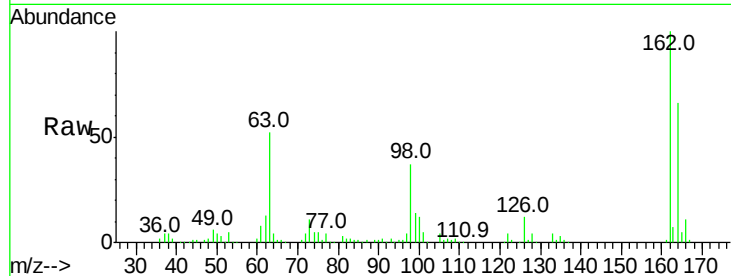




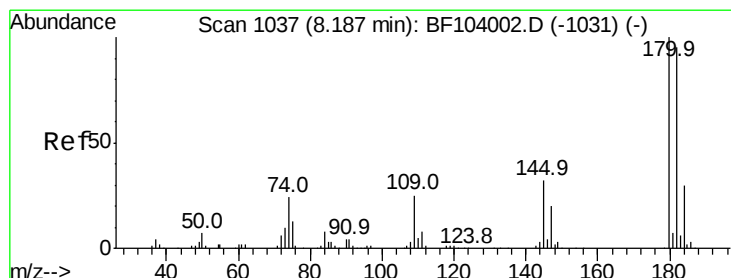
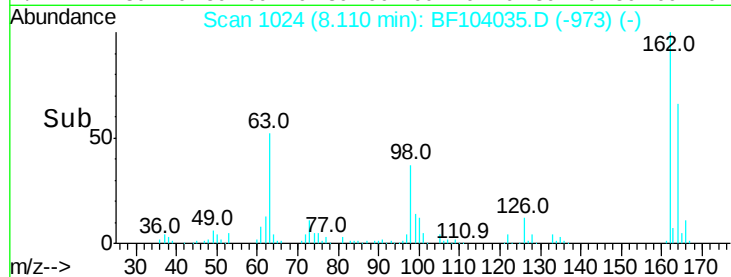
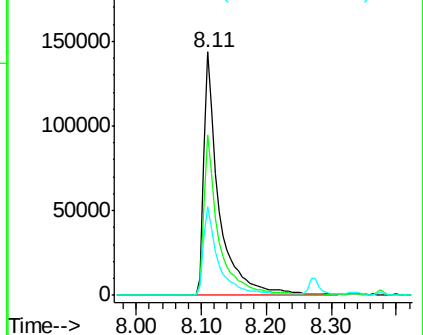
#29
 2,4-Dichlorophenol
 Concen: 37.717 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.7	82.7
98	36.6	18.1	58.1

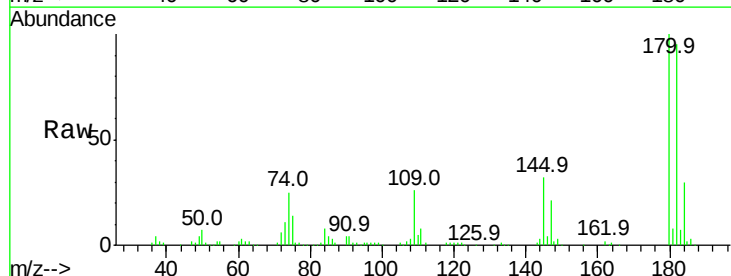


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

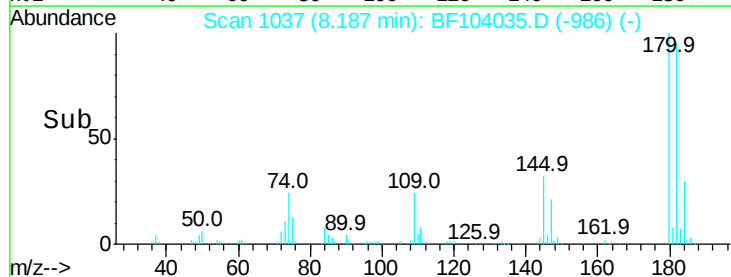
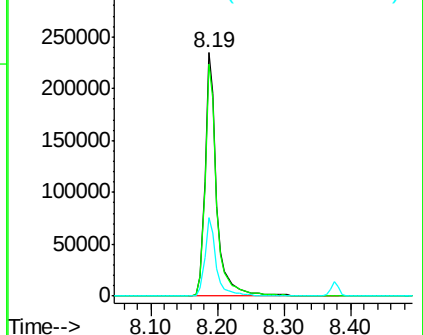


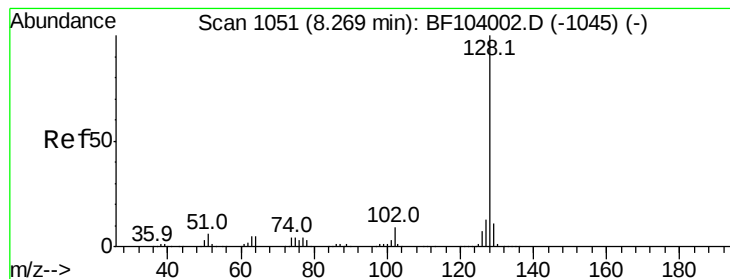
#30
 1,2,4-Trichlorobenzene
 Concen: 39.467 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	32.2	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: 41.246 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

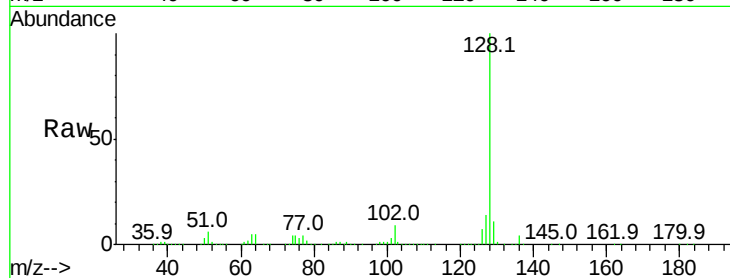
Tot Ion:128 Resp: 930877

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

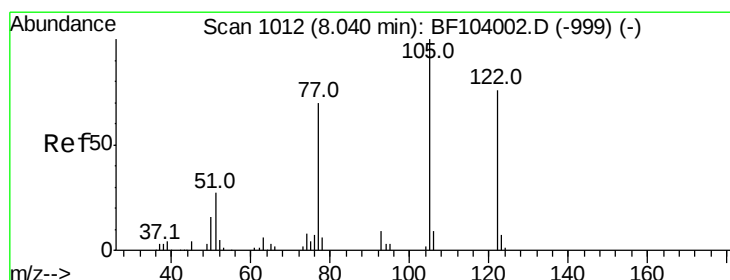
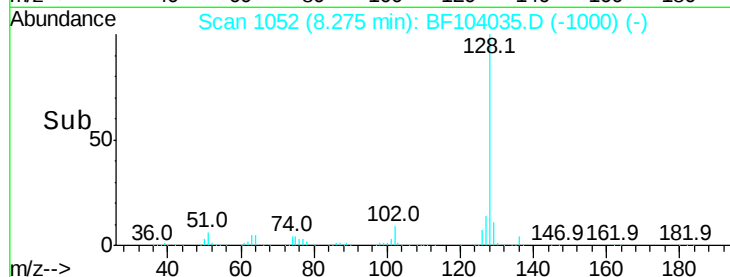
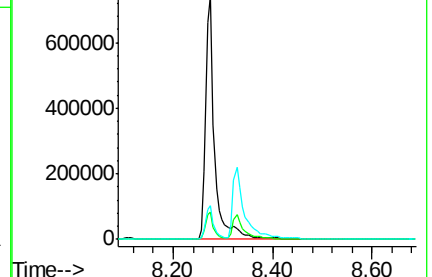
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.778 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

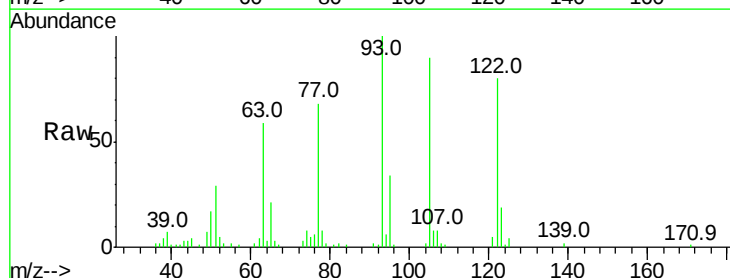
Tgt Ion:122 Resp: 108607

Ion Ratio Lower Upper

122 100

105 112.6 101.1 141.1

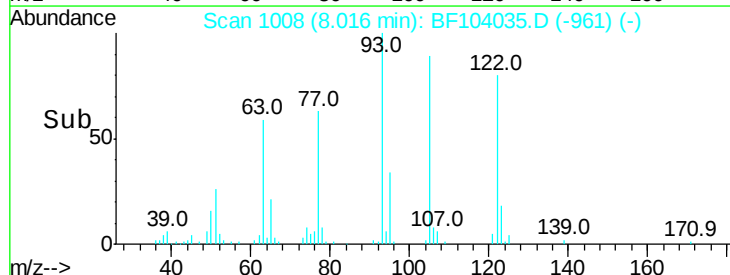
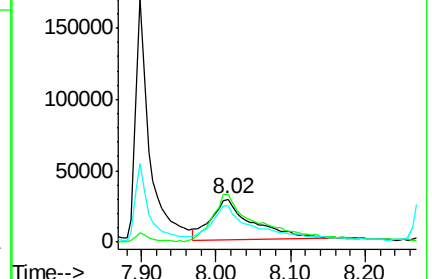
77 85.4 70.7 110.7

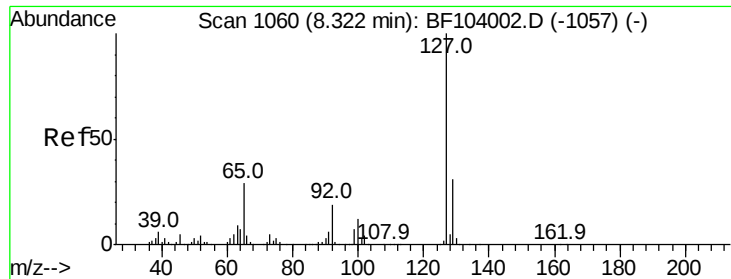


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

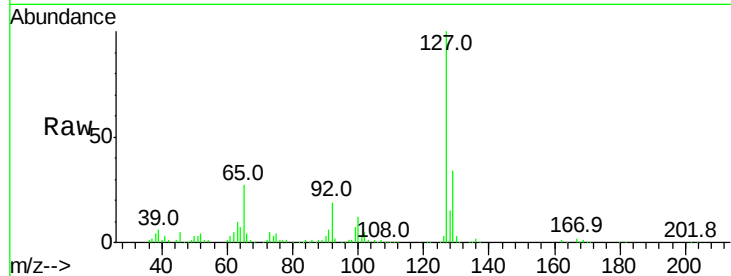




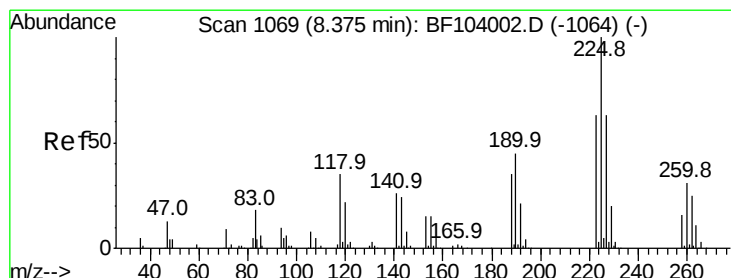
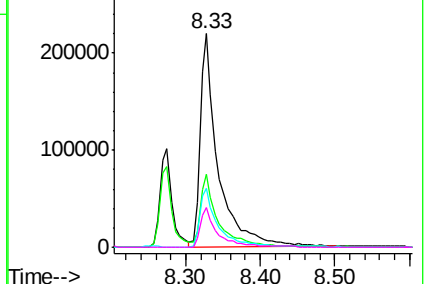
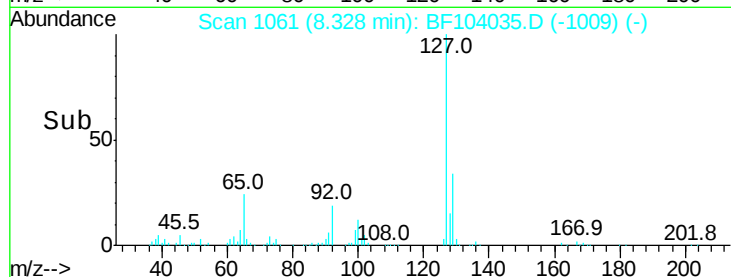
#33
4-Chloroaniline
Concen: 38.359 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 364975
Ion Ratio Lower Upper
127 100
129 33.9 25.9 38.9
65 27.4 25.0 37.4
92 18.7 15.2 22.8

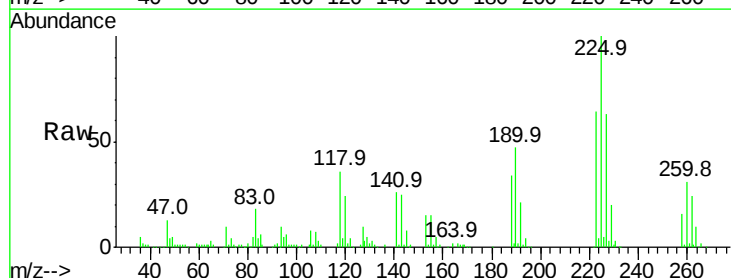


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

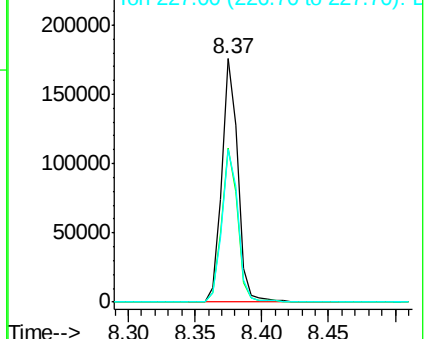
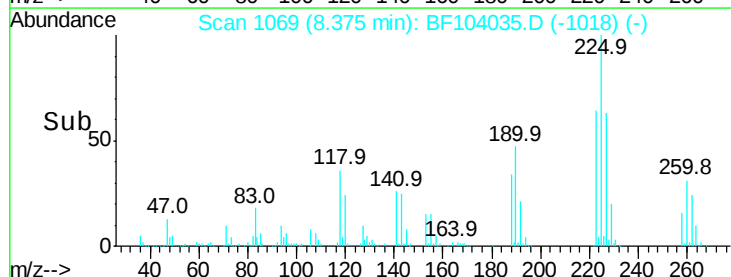


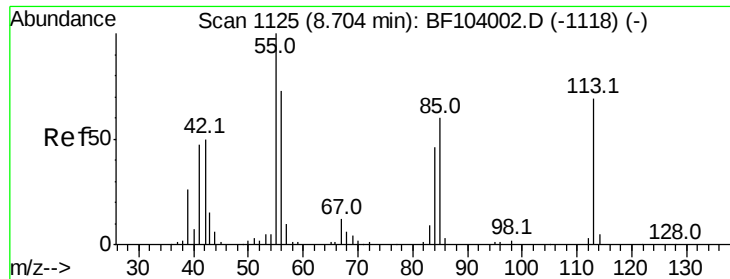
#34
Hexachlorobutadiene
Concen: 39.123 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:225 Resp: 150967
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 62.8 51.9 77.9



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

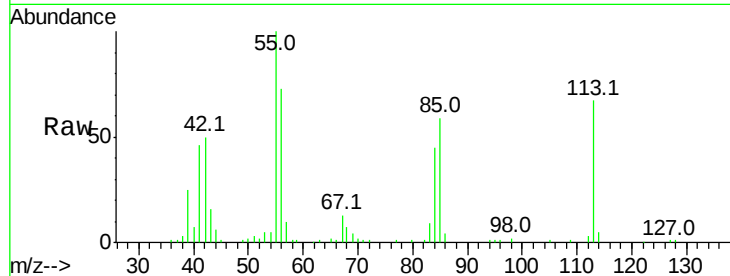




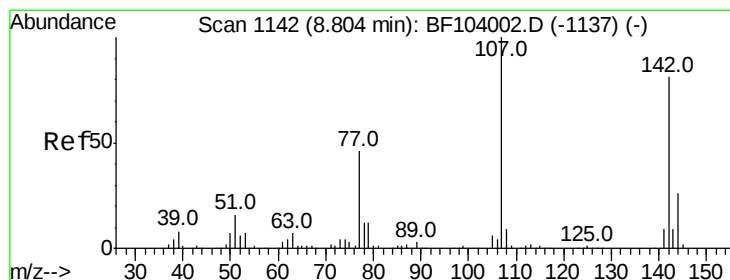
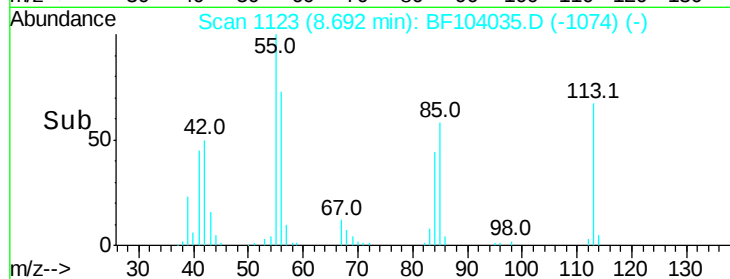
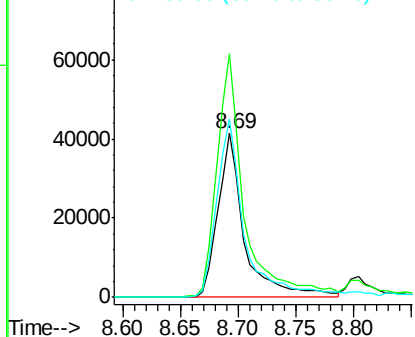
#35
Caprolactam
Concen: 33.430 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 66248
Ion Ratio Lower Upper
113 100
55 148.5 163.3 203.3#
56 108.7 115.7 155.7#

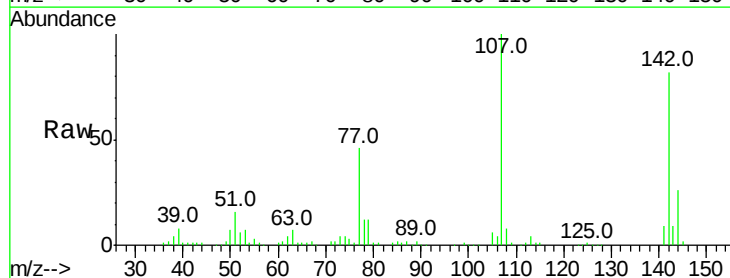


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

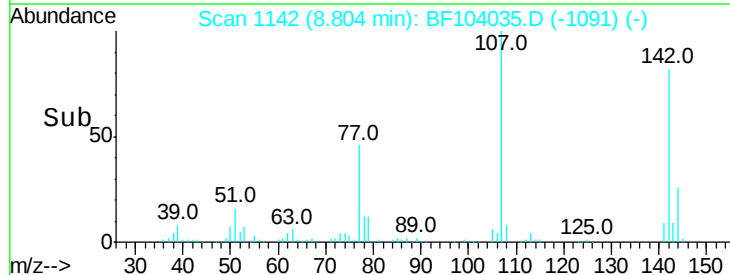
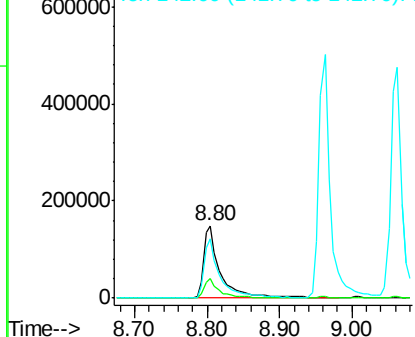


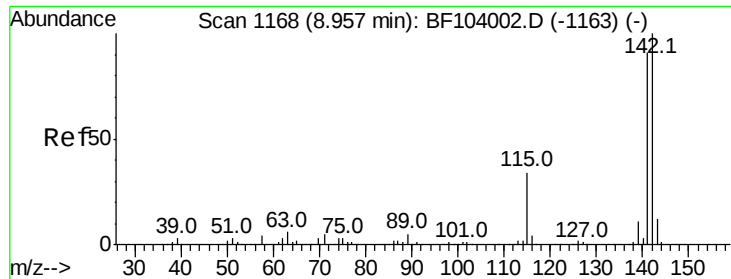
#36
4-Chloro-3-methylphenol
Concen: 36.141 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:107 Resp: 238907
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 81.7 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

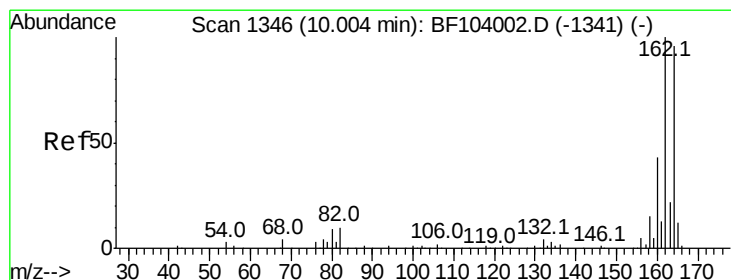
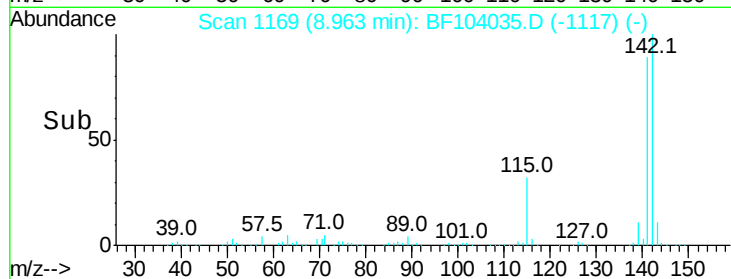
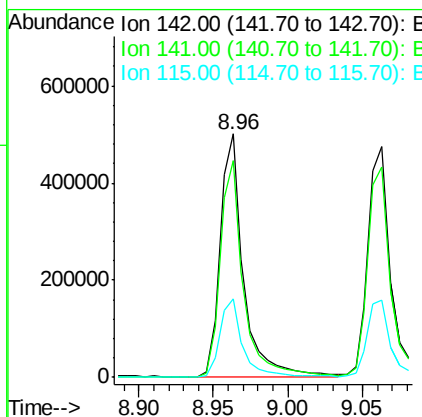
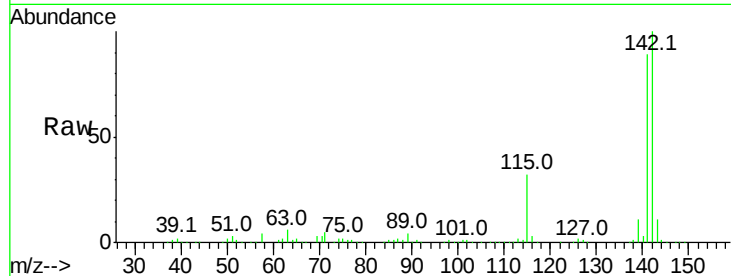




#37
 2-Methylnaphthalene
 Concen: 37.181 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

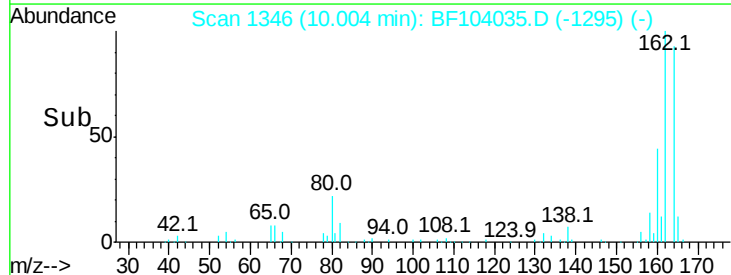
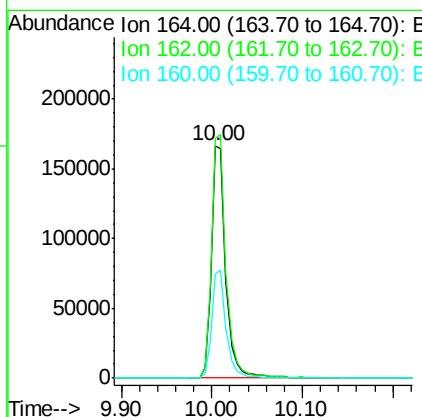
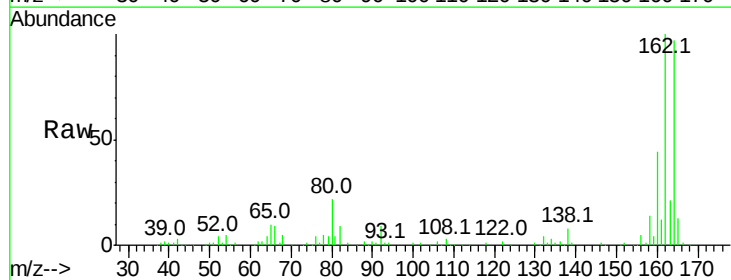
Instrument :
 BNA_F
 ClientSampleId :

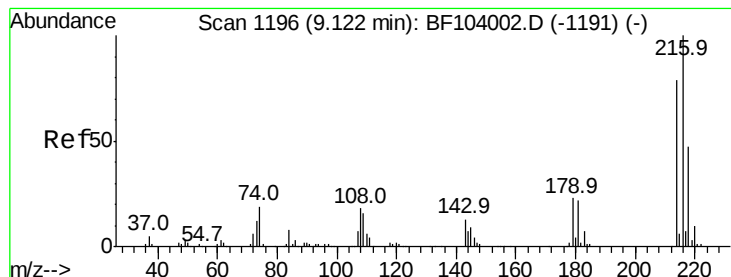
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.069 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 244851

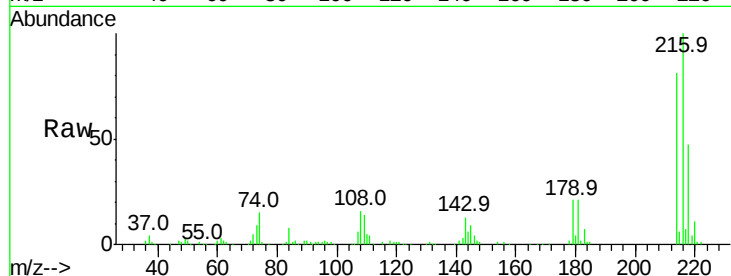
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.9 18.1 27.1

108 17.5 17.2 25.8

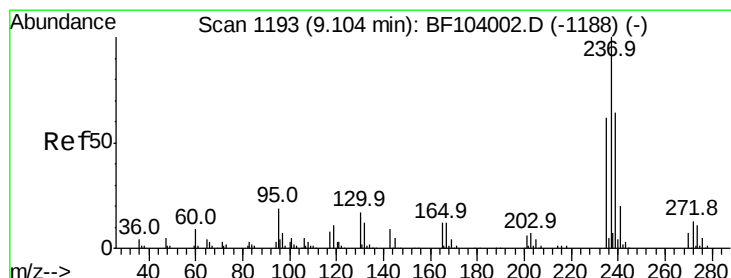
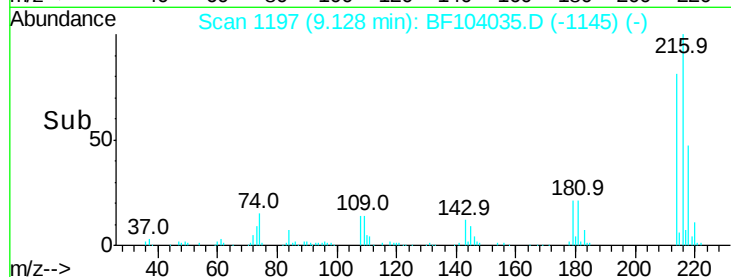
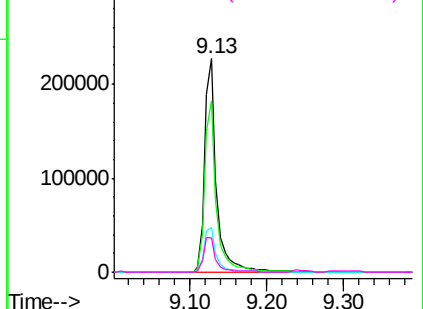


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.973 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

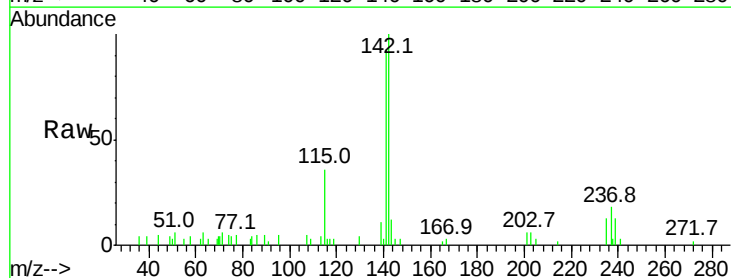
Tgt Ion:237 Resp: 1683

Ion Ratio Lower Upper

237 100

235 74.3 44.8 84.8

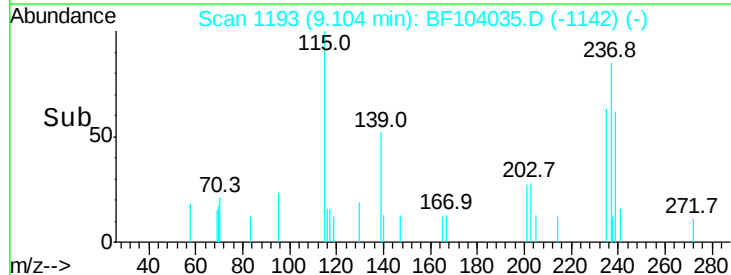
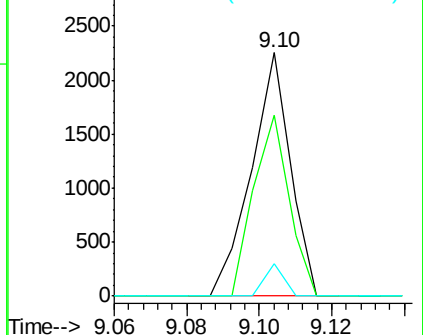
272 13.4 0.0 33.3

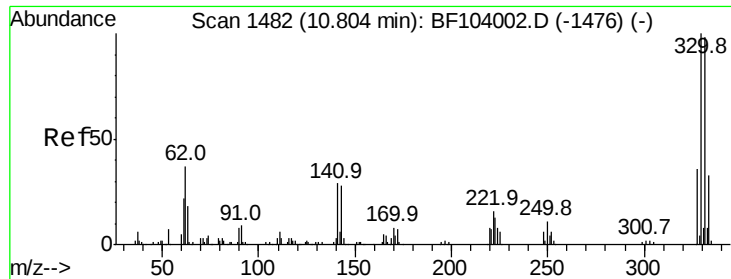


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

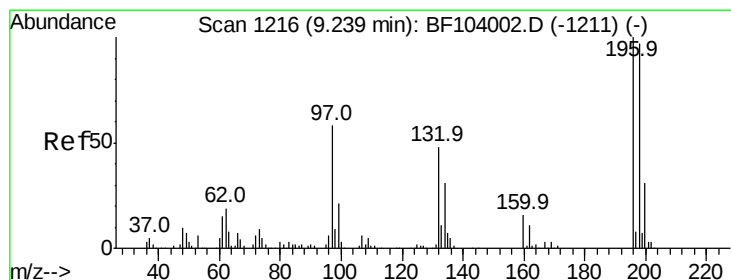
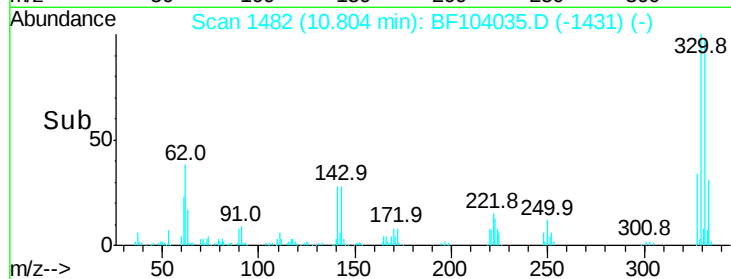
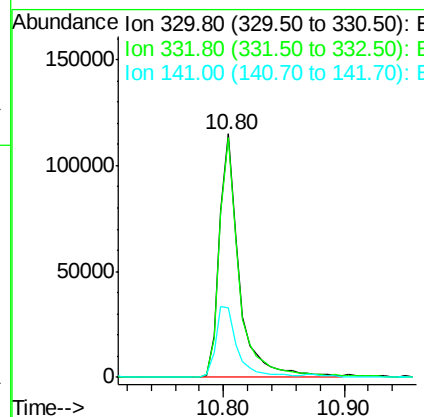
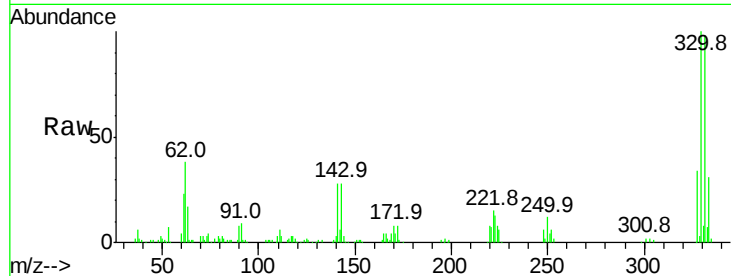




#41
 2,4,6-Tribromophenol
 Concen: 62.674 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

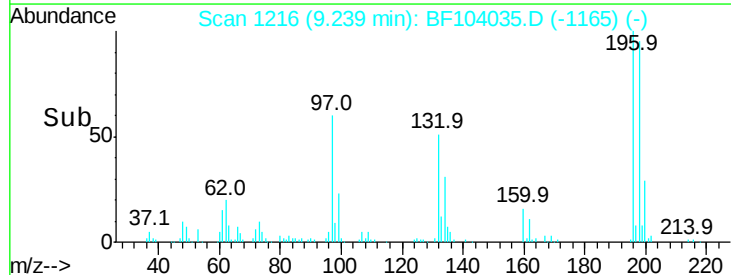
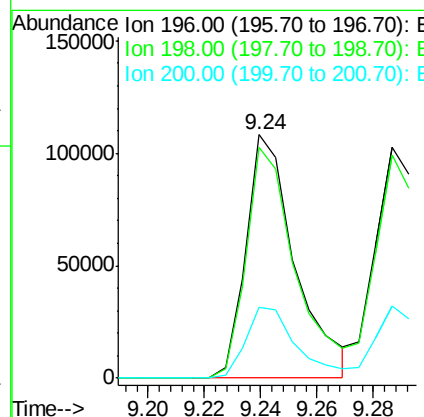
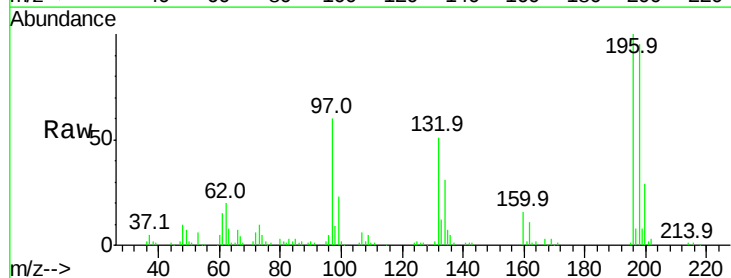
Instrument :
 BNA_F
 ClientSampleId :

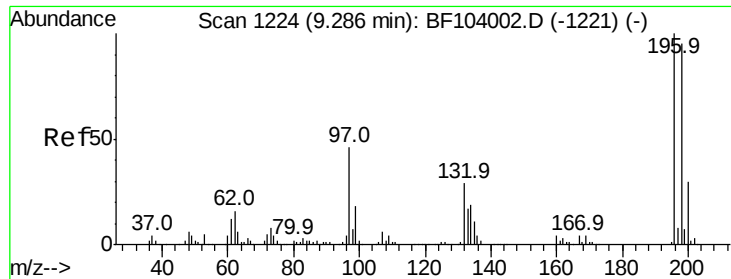
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.371 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	29.2	24.5	36.7

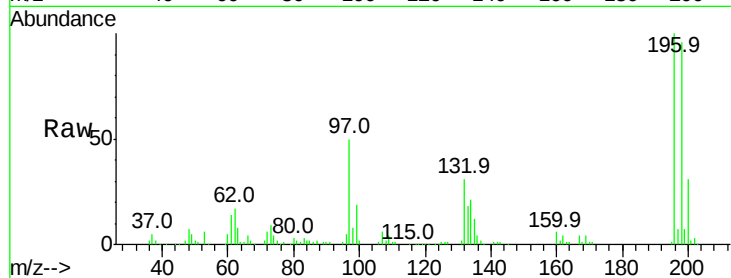




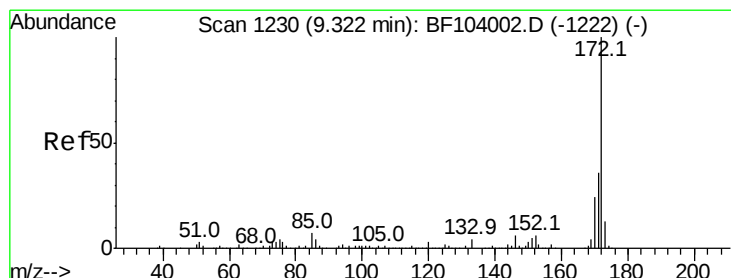
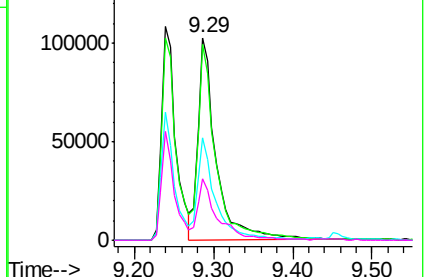
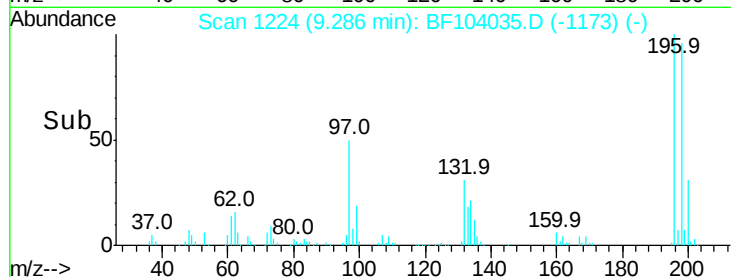
#43
 2,4,5-Trichlorophenol
 Concen: 37.889 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 164687
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 50.4 42.9 64.3
 132 30.6 26.3 39.5

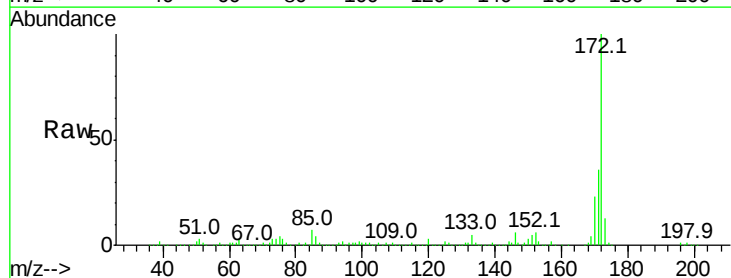


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

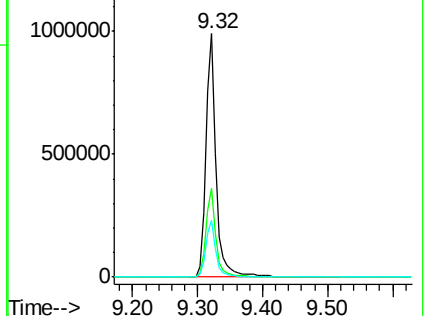
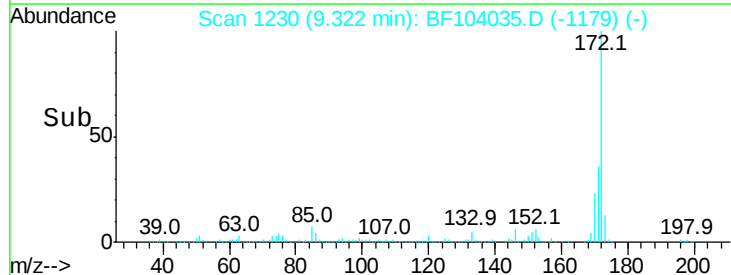


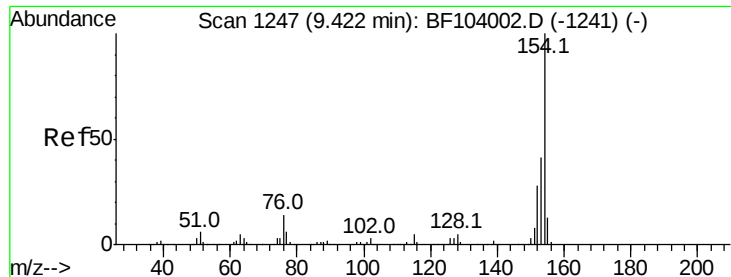
#44
 2-Fluorobiphenyl
 Concen: 91.192 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion:172 Resp: 1072104
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.5 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 42.832 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

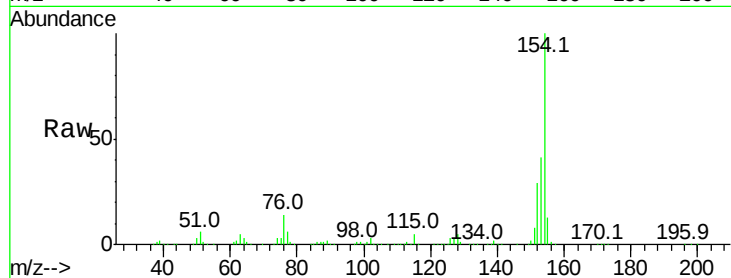
Tot Ion:154 Resp: 681532

Ion Ratio Lower Upper

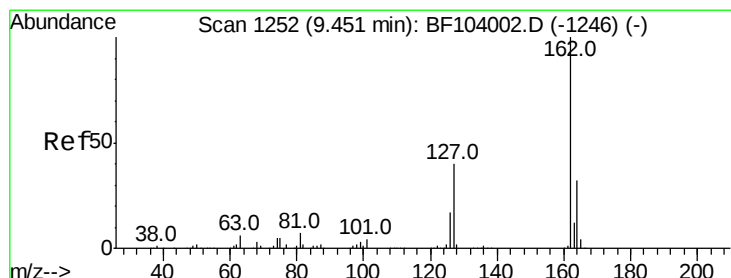
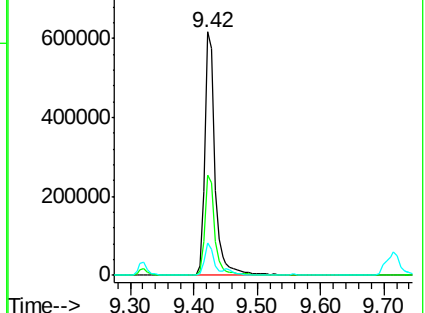
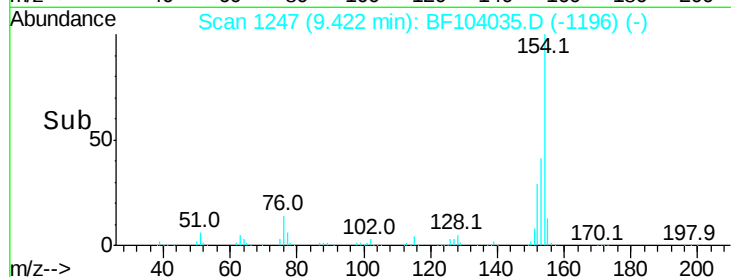
154 100

153 41.2 21.3 61.3

76 13.5 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 41.440 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

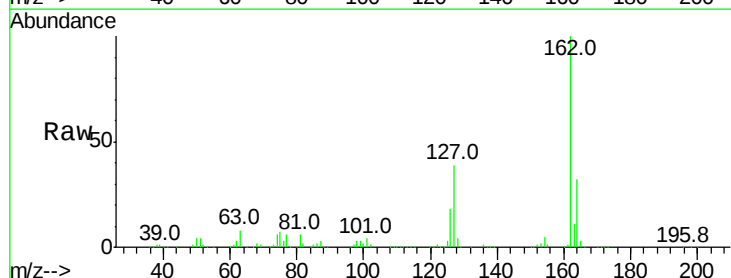
Tgt Ion:162 Resp: 520129

Ion Ratio Lower Upper

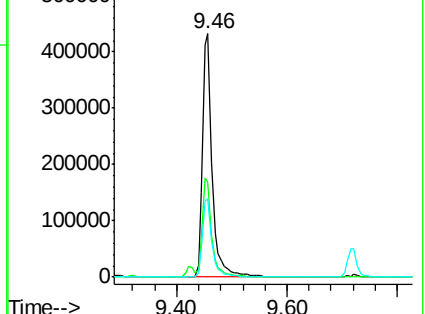
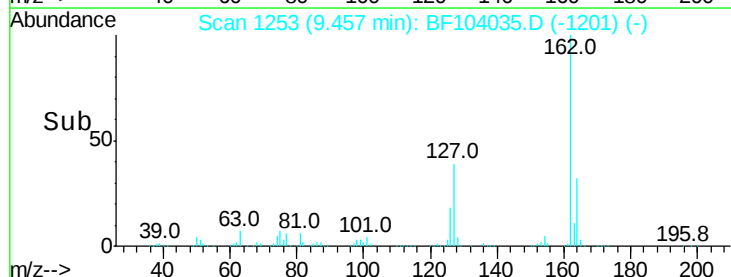
162 100

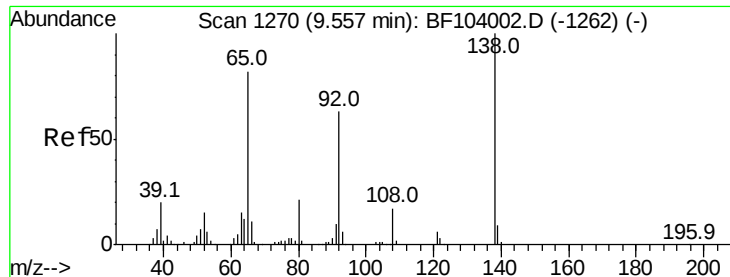
127 39.3 33.9 50.9

164 32.4 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

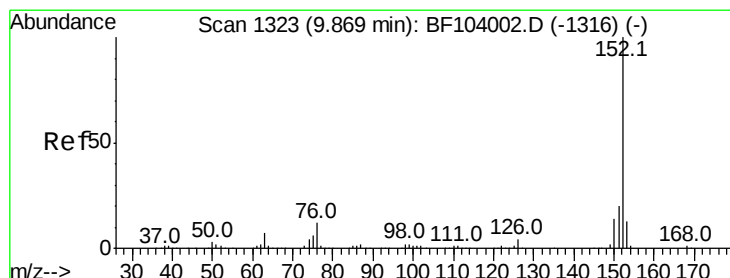
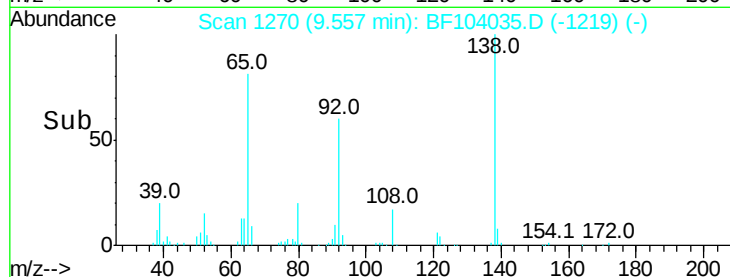
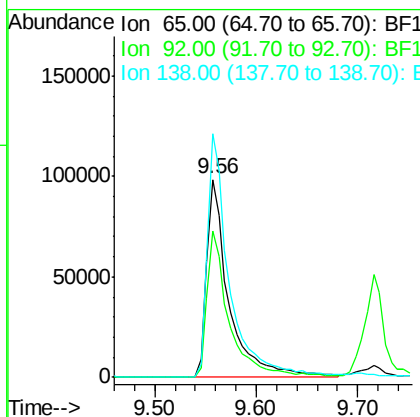
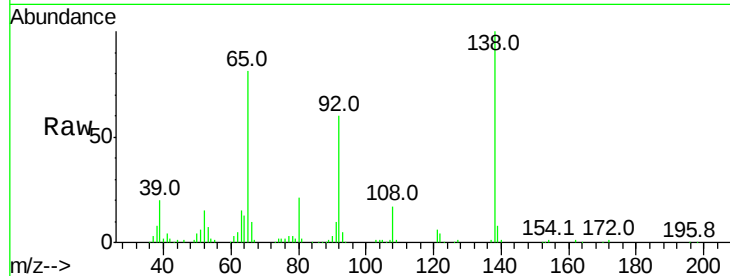




#47
2-Nitroaniline
Concen: 42.142 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

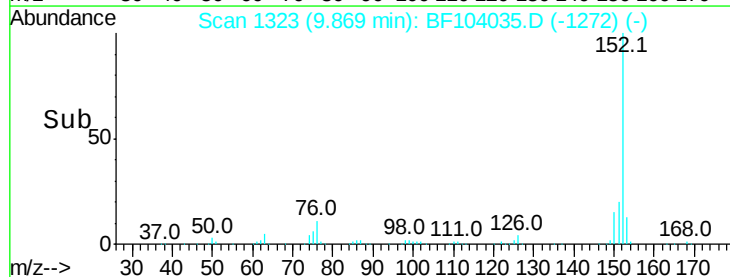
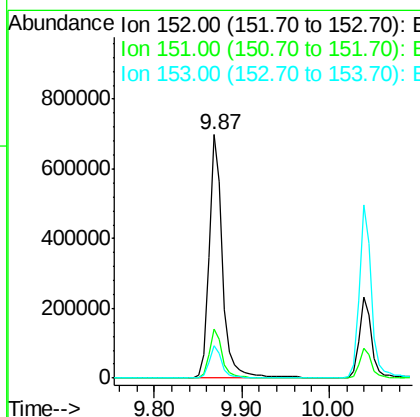
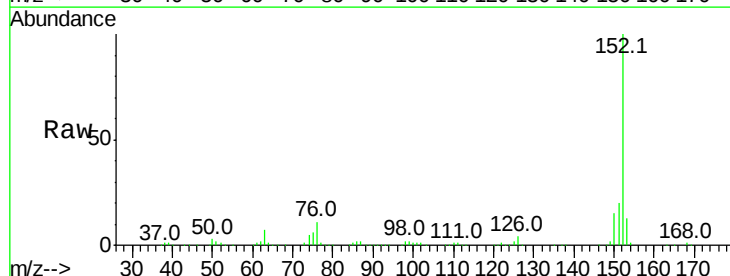
Instrument :
BNA_F
ClientSampleId :

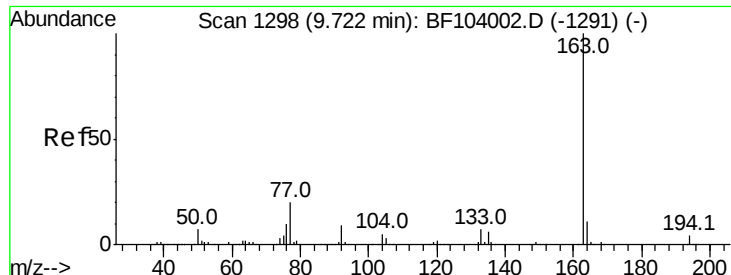
Tot Ion: 65 Resp: 150827
Ion Ratio Lower Upper
65 100
92 74.1 55.8 83.6
138 123.0 91.2 136.8



#48
Acenaphthylene
Concen: 39.151 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion: 152 Resp: 744456
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1

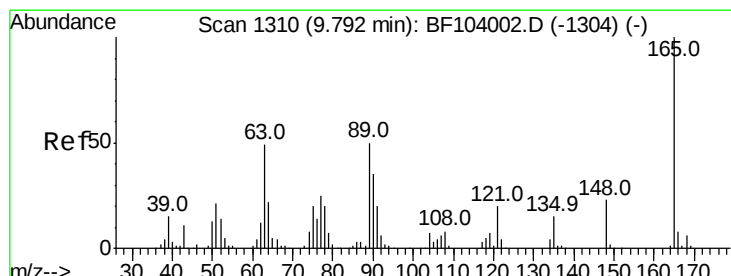
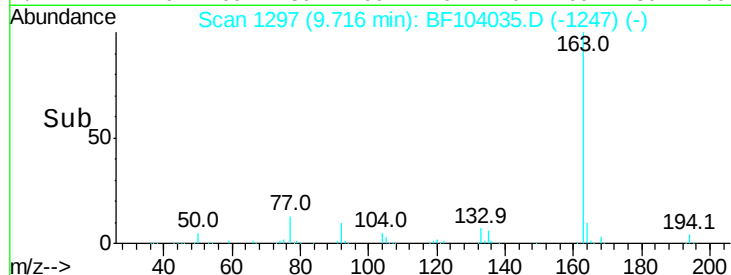
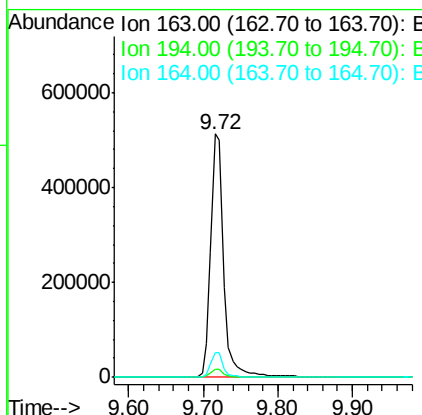
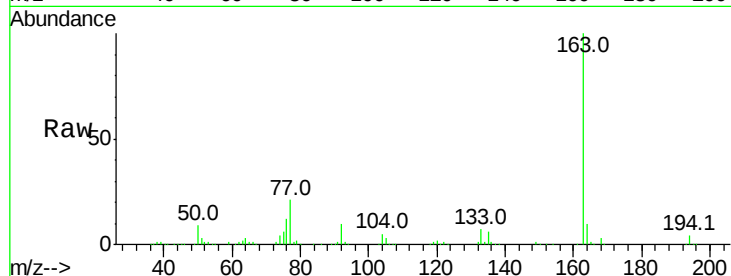




#49
Dimethylphthalate
Concen: 42.423 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

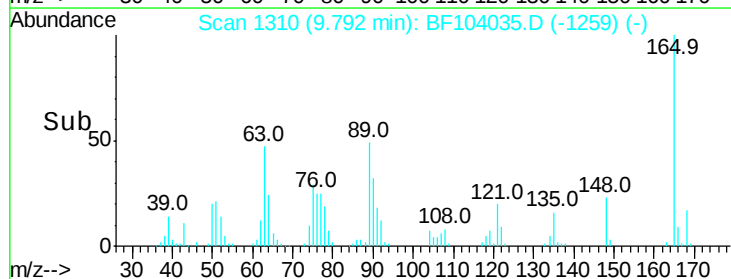
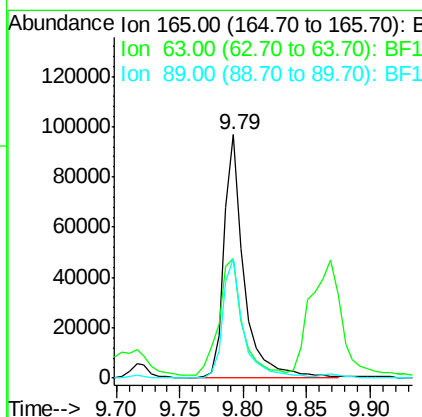
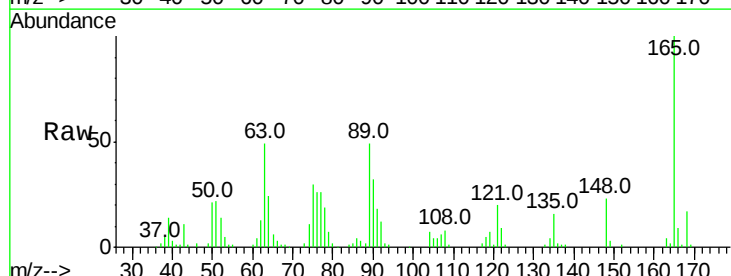
Instrument :
BNA_F
ClientSampleId :

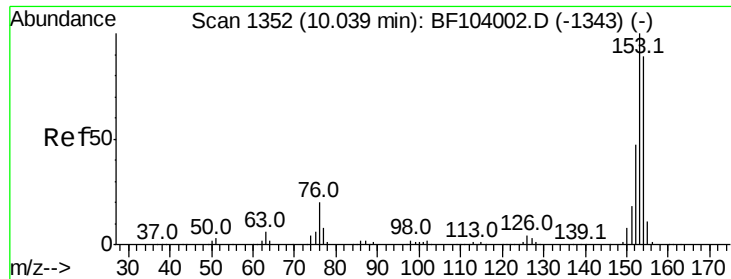
Tot Ion:163 Resp: 620959
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 33.685 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:165 Resp: 106078
Ion Ratio Lower Upper
165 100
63 48.9 44.7 67.1
89 49.2 44.0 66.0





#51

Acenaphthene

Concen: 39.558 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

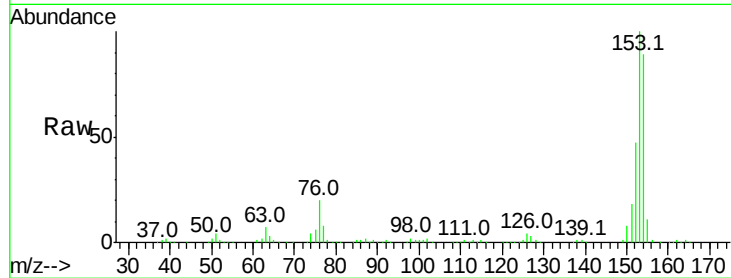
Tot Ion:154 Resp: 435138

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

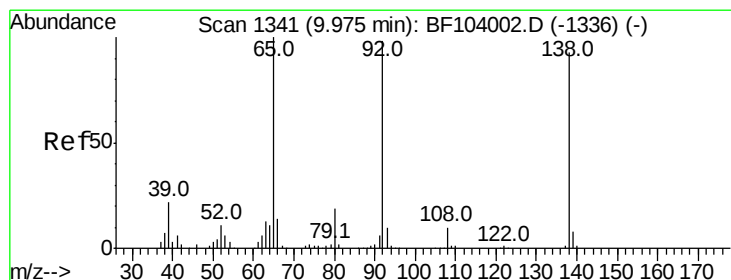
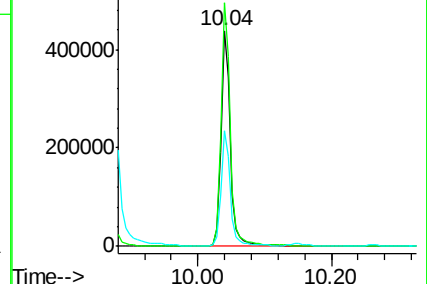
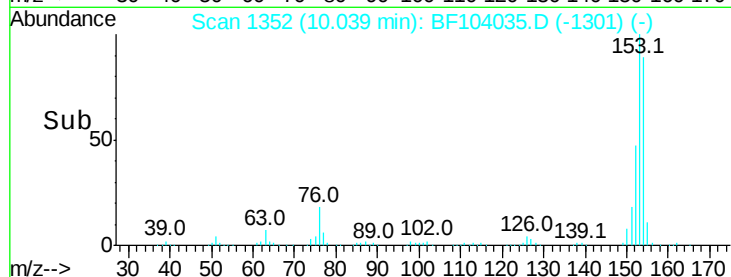
152 53.3 43.8 65.8



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: 42.507 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

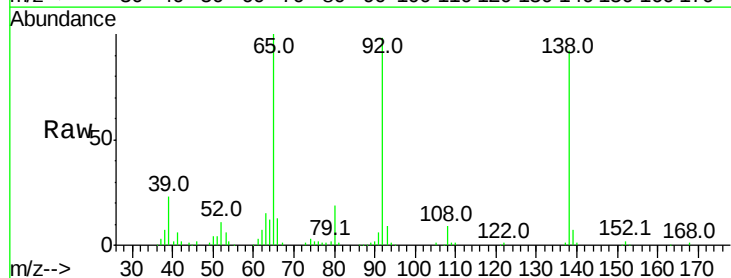
Tgt Ion:138 Resp: 153876

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

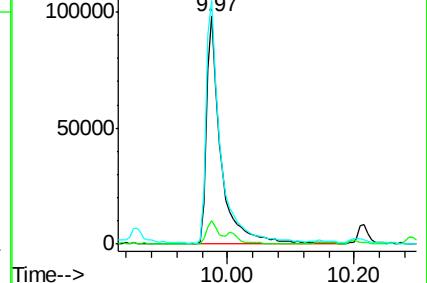
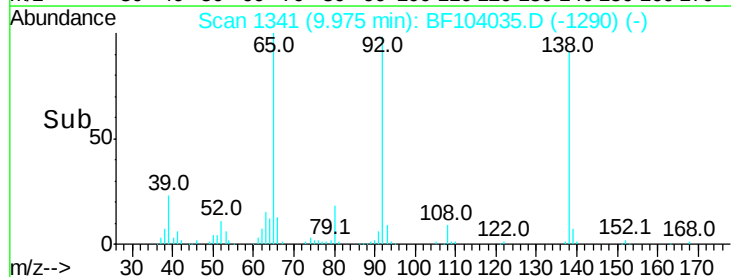
92 106.8 89.4 134.2

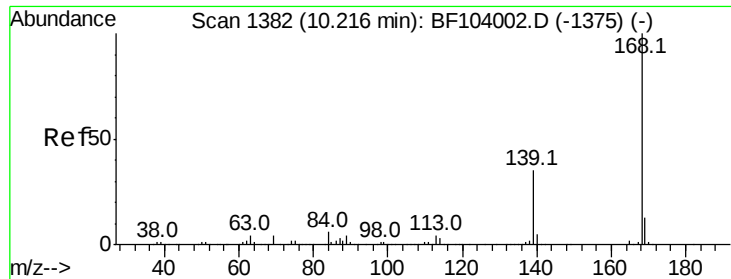


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 37.980 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

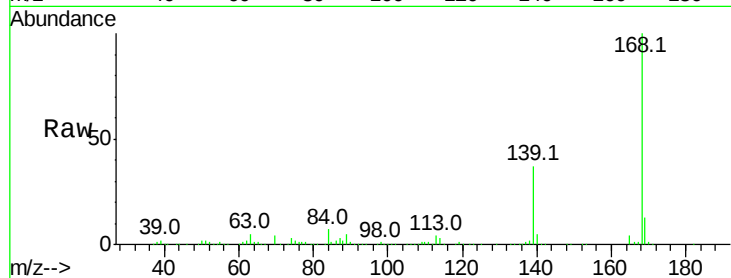
Tot Ion:168 Resp: 610081

Ion Ratio Lower Upper

168 100

139 37.3 30.1 45.1

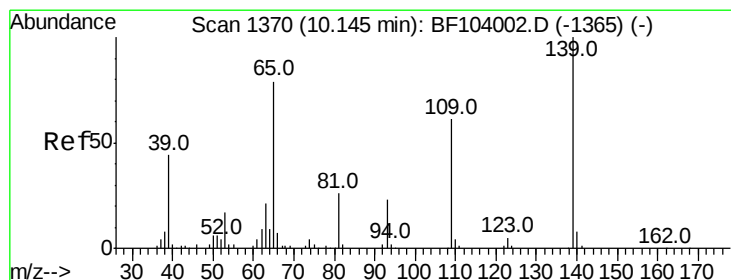
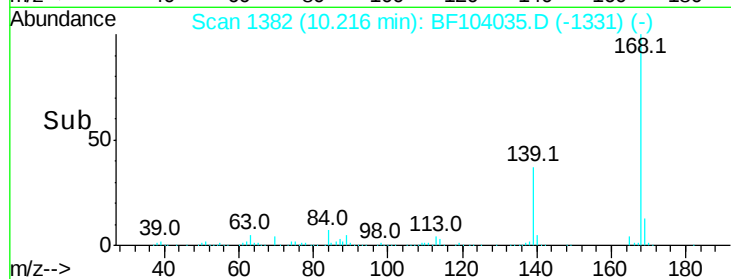
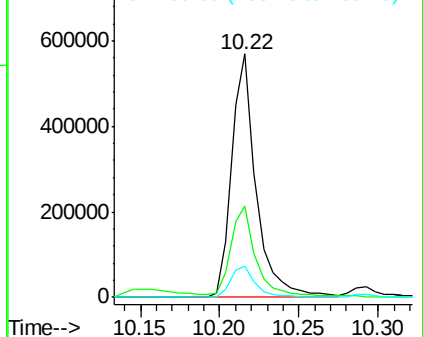
169 13.0 10.9 16.3



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: 22.024 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

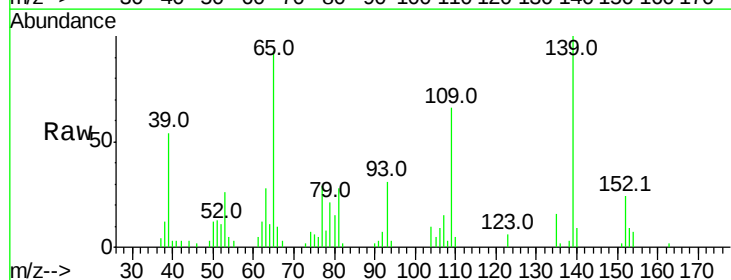
Tgt Ion:139 Resp: 47805

Ion Ratio Lower Upper

139 100

109 65.6 48.4 88.4

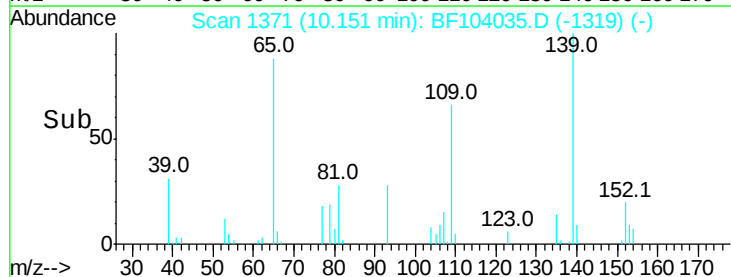
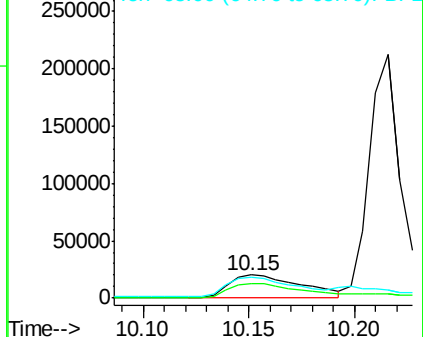
65 93.1 72.6 112.6

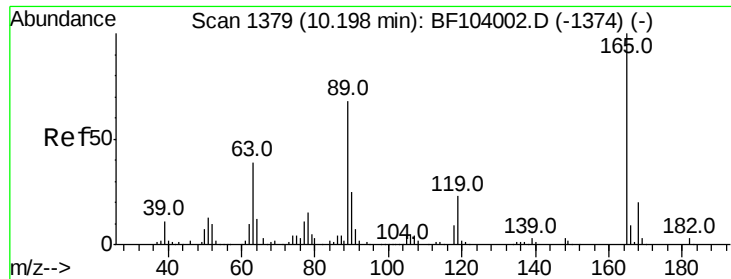


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

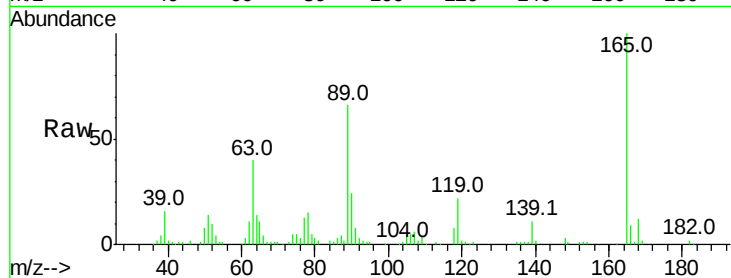




#56
2,4-Dinitrotoluene
Concen: 29.044 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	66.3	57.8	86.6
182	2.5	1.6	2.4#

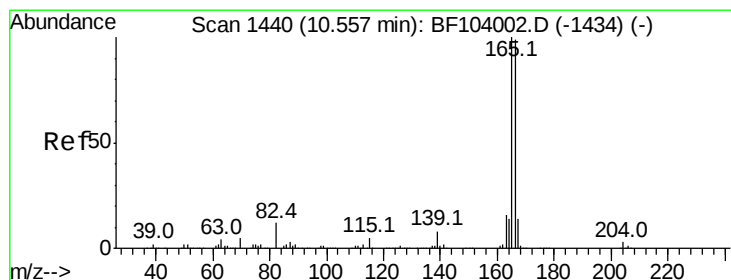
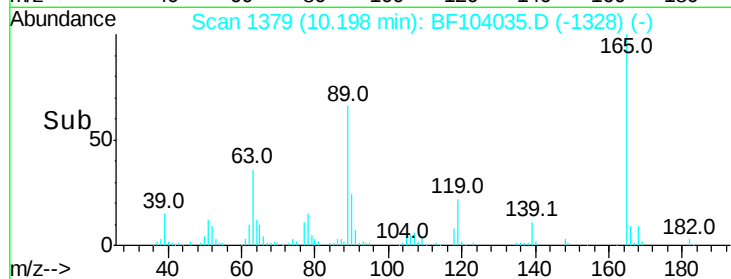
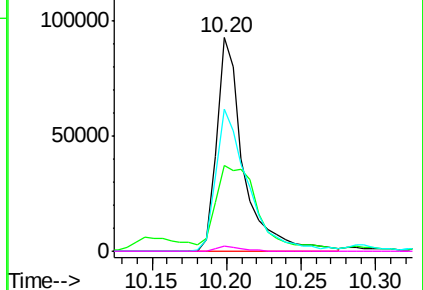


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

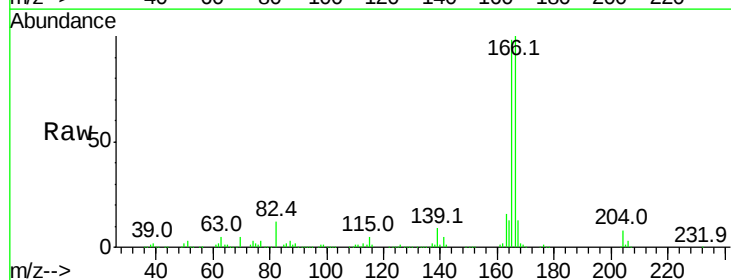
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 35.935 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

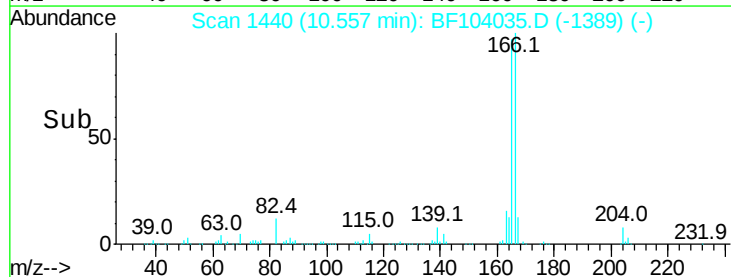
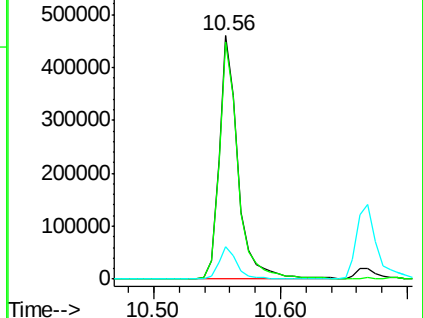
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.4	10.6	16.0

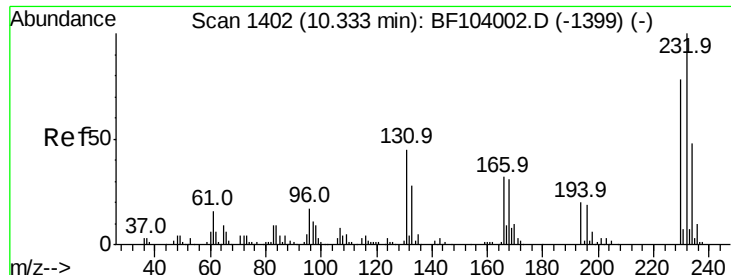


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

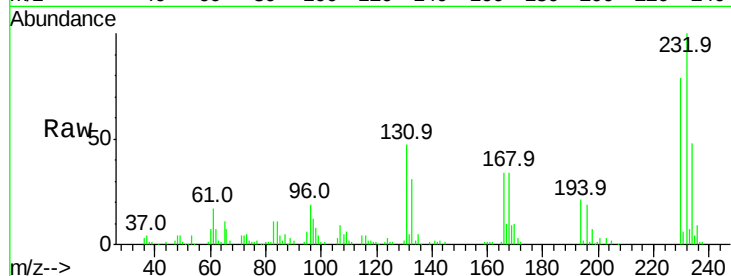




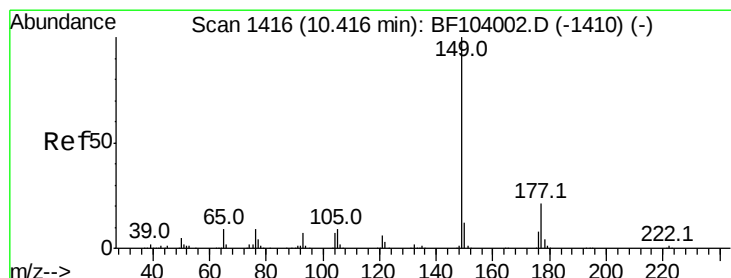
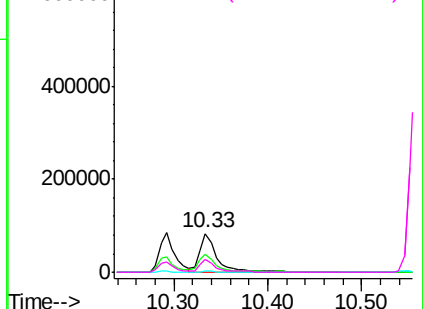
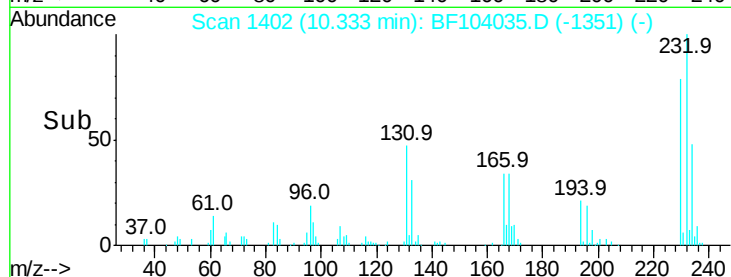
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.507 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 105861
 Ion Ratio Lower Upper
 232 100
 131 46.0 43.8 65.8
 130 2.2 2.1 3.1
 166 30.3 27.8 41.6

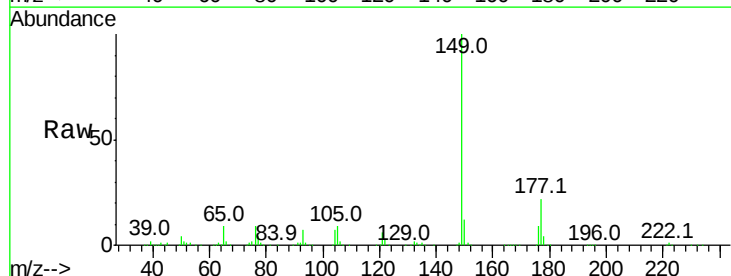


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

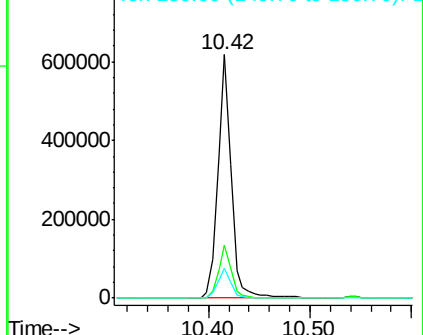
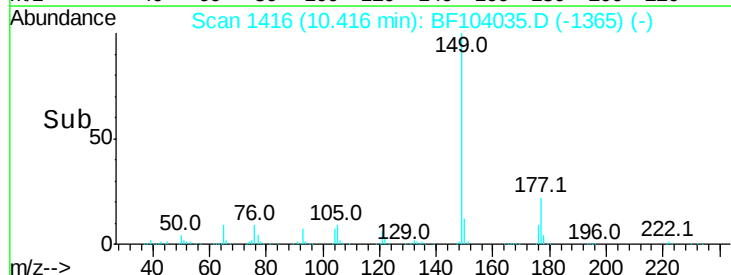


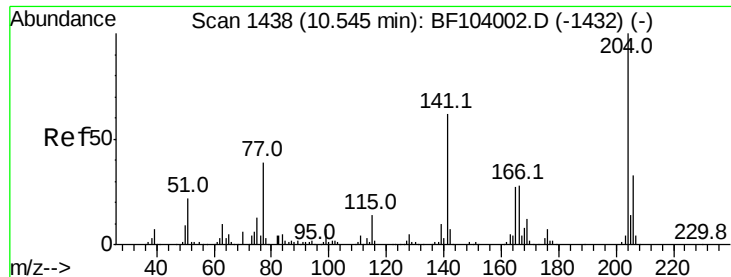
#59
 Diethylphthalate
 Concen: 40.515 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion:149 Resp: 568116
 Ion Ratio Lower Upper
 149 100
 177 21.5 16.1 24.1
 150 12.3 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

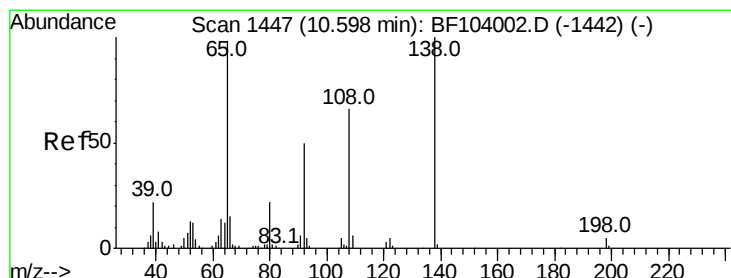
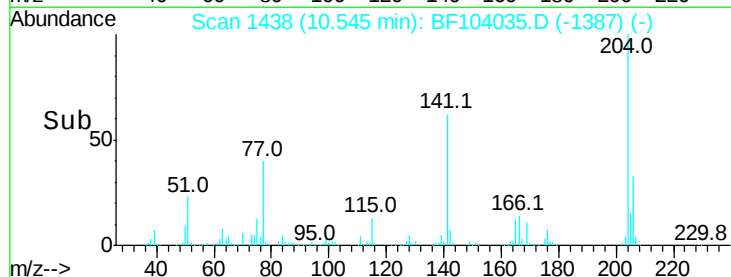
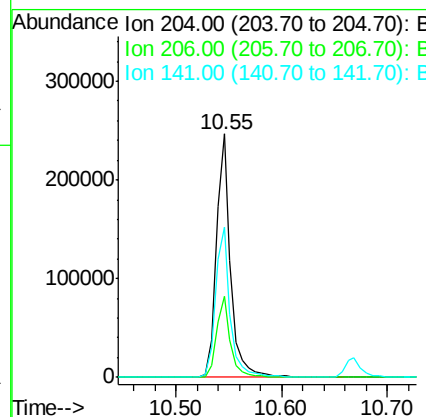
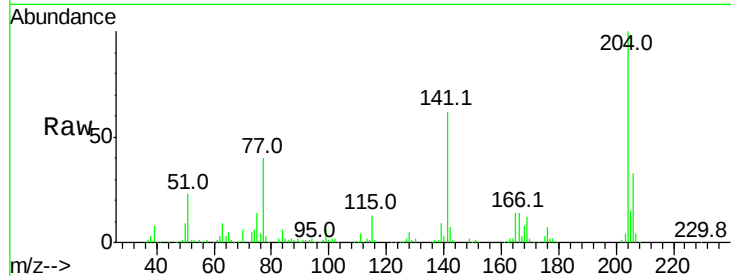




#60
4-Chlorophenyl-phenylether
Concen: 38.602 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

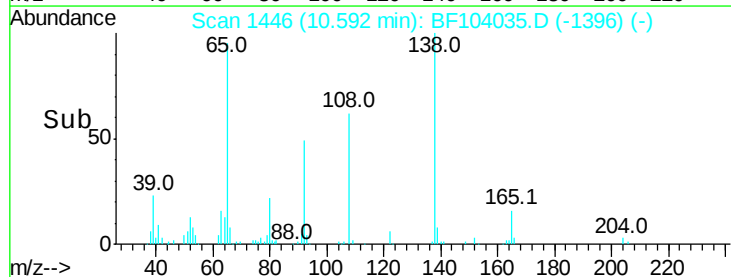
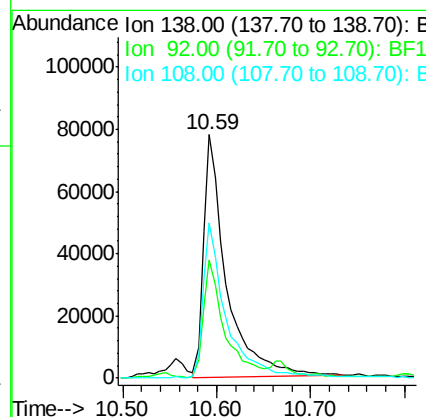
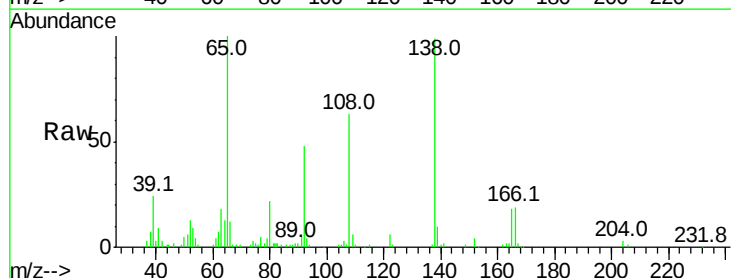
Instrument :
BNA_F
ClientSampleId :

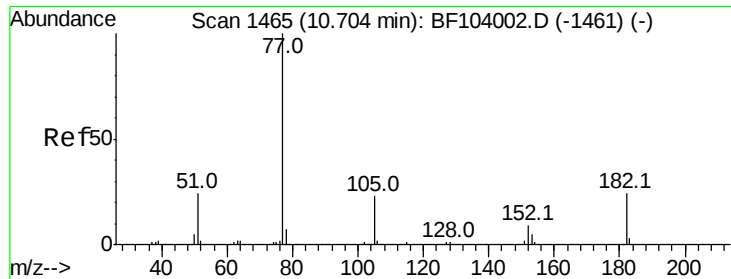
Tot Ion:204 Resp: 234920
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.6 54.6 81.8



#61
4-Nitroaniline
Concen: 38.573 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:138 Resp: 130655
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 64.0 52.5 92.5





#62

Azobenzene

Concen: 35.596 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 451341

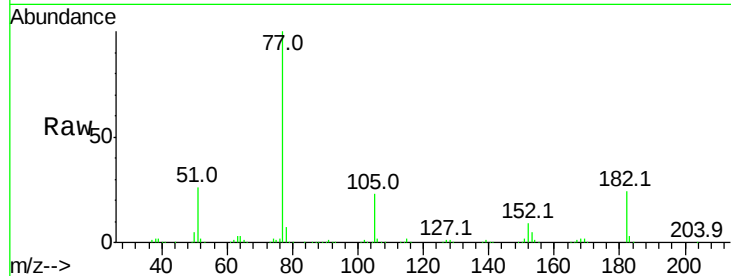
Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	23.0	3.0	43.0
51	25.8	9.9	49.9

77 100

182 23.5 1.7 41.7

105 23.0 3.0 43.0

51 25.8 9.9 49.9

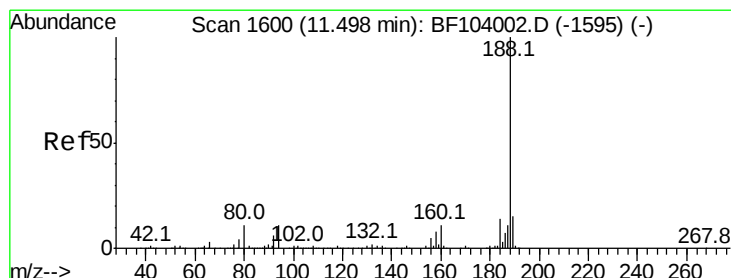
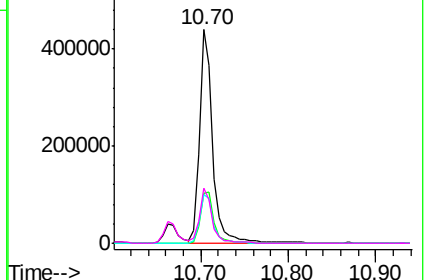
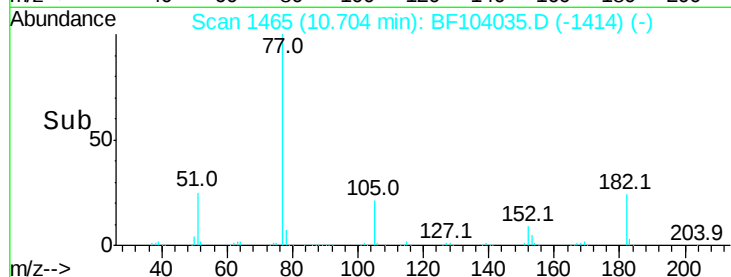


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

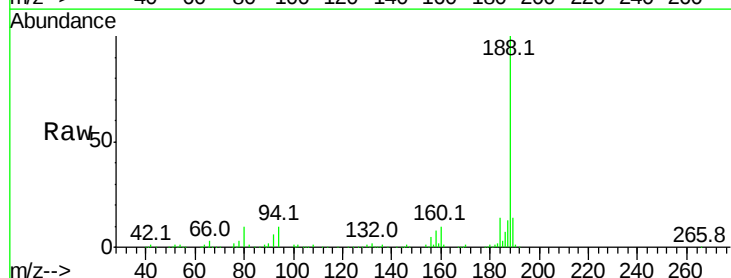
Tgt Ion: 188 Resp: 278675

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.6	9.2	13.8

188 100

94 9.6 8.5 12.7

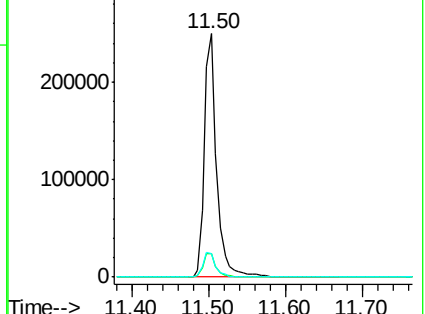
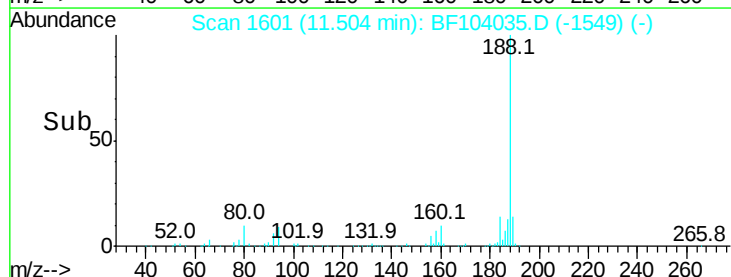
80 9.6 9.2 13.8

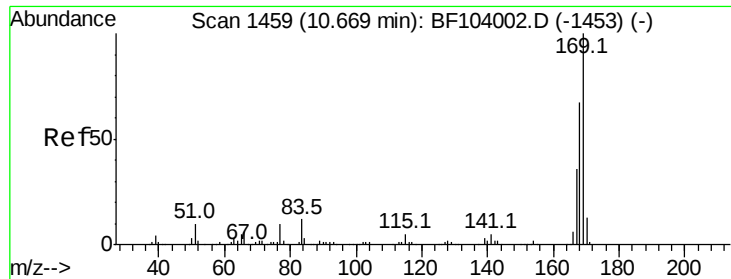


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

n-Nitrosodiphenylamine

Concen: 45.333 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

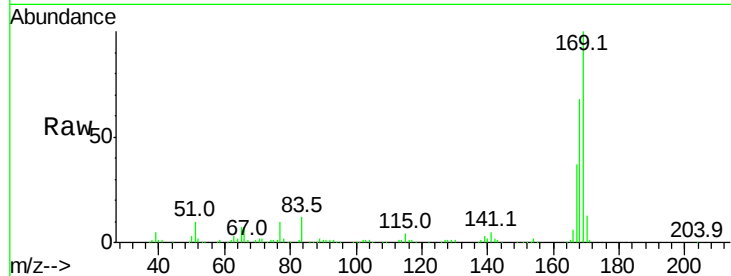
Tot Ion:169 Resp: 427841

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

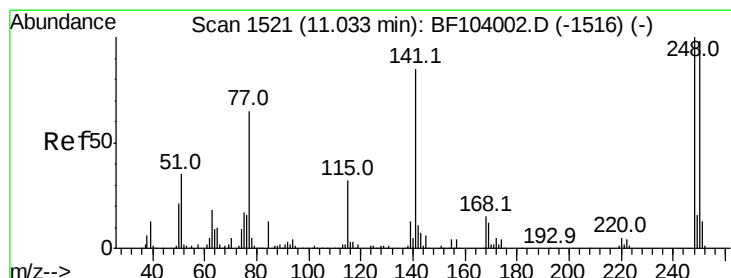
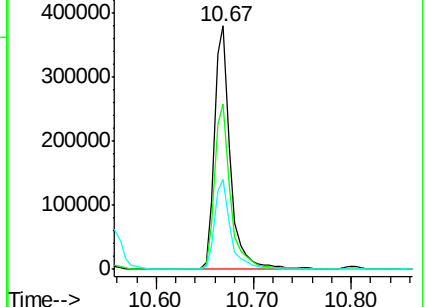
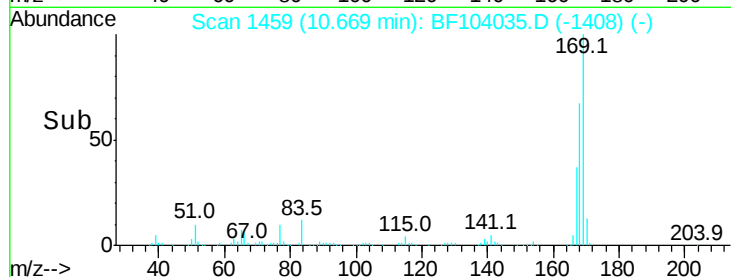
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.086 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

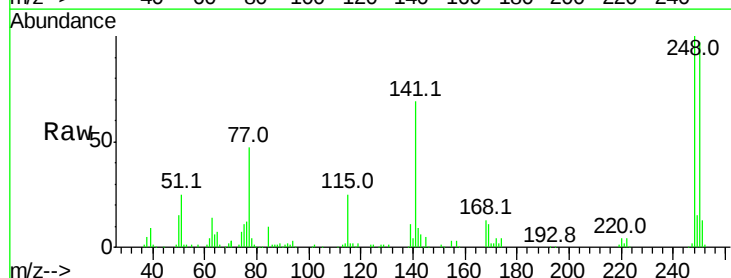
Tgt Ion:248 Resp: 128457

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

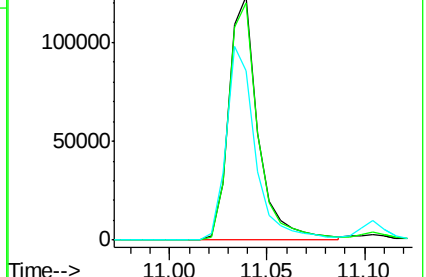
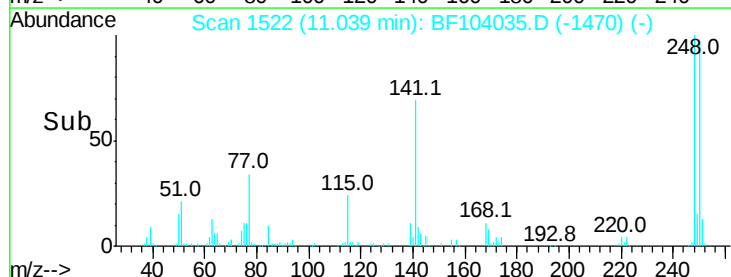
141 69.4 74.4 111.6#

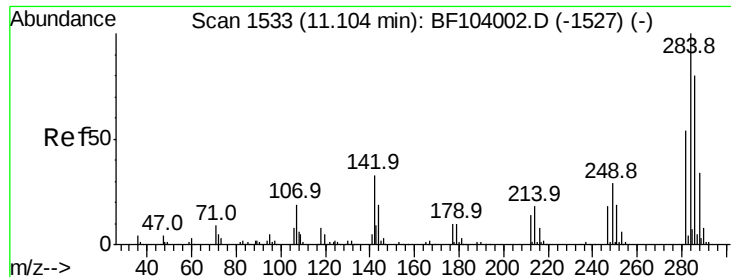


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

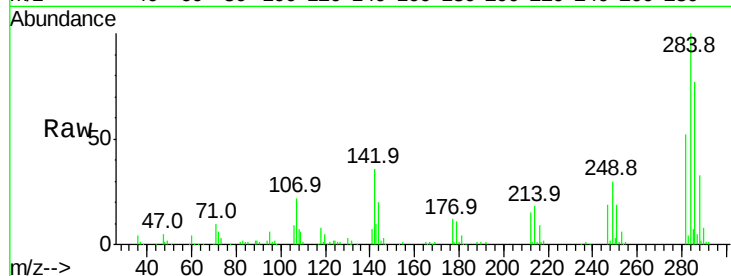




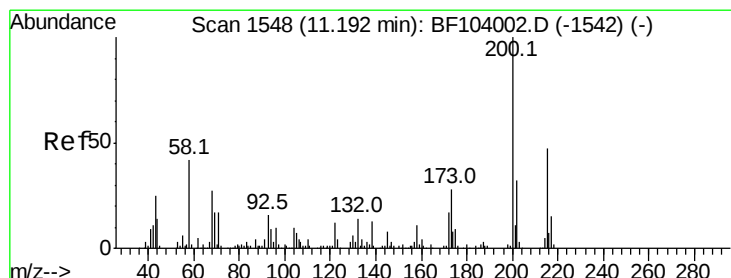
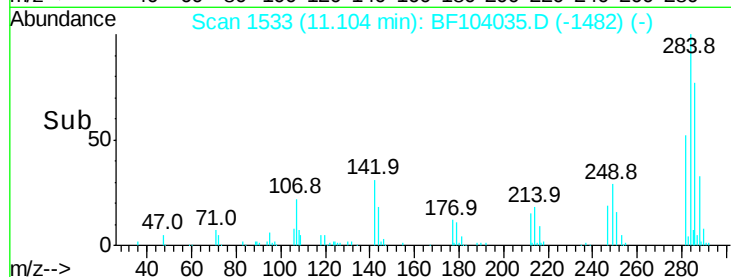
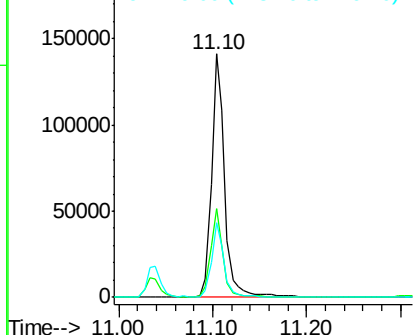
#67
Hexachlorobenzene
Concen: 40.529 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	34.6	52.0
249	30.4	24.8	37.2

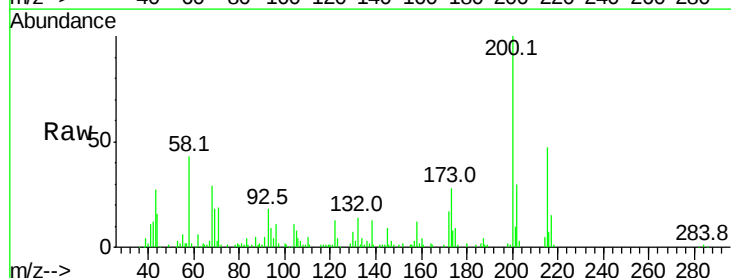


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

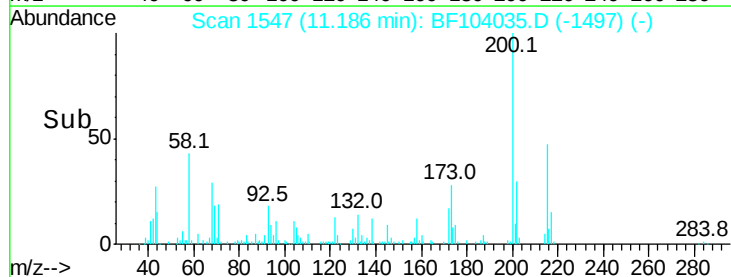
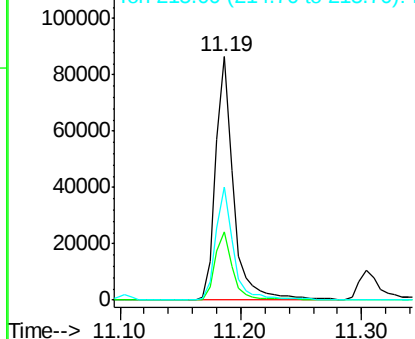


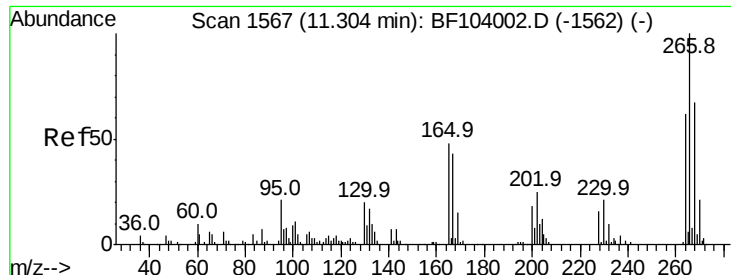
#68
Atrazine
Concen: 30.291 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	46.5	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

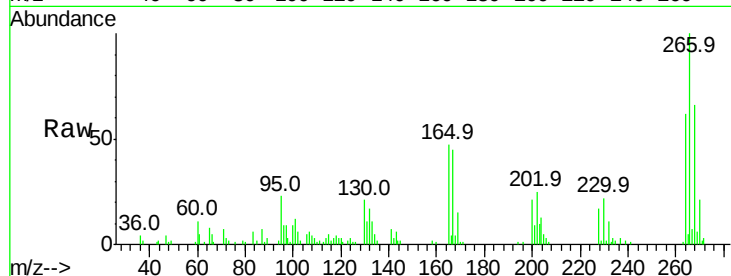




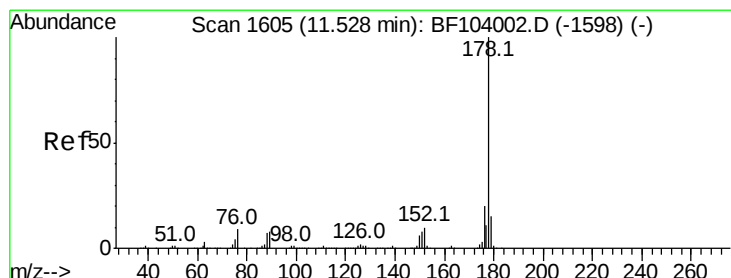
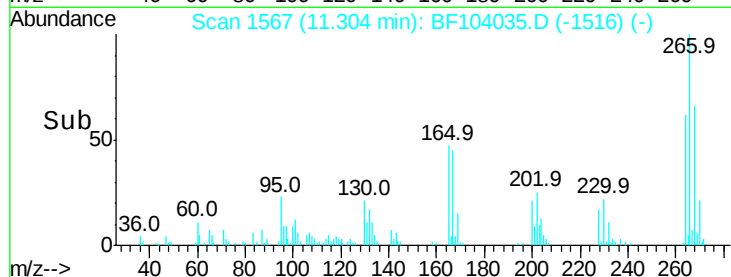
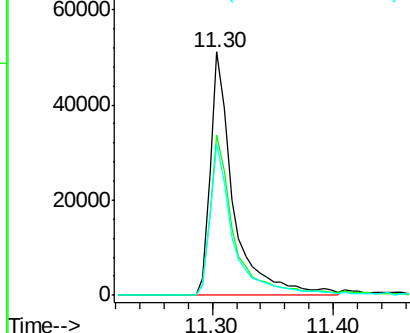
#69
 Pentachlorophenol
 Concen: 35.705 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 67382
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 62.2 49.5 74.3

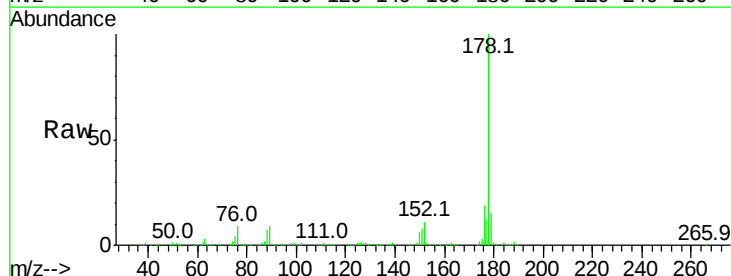


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

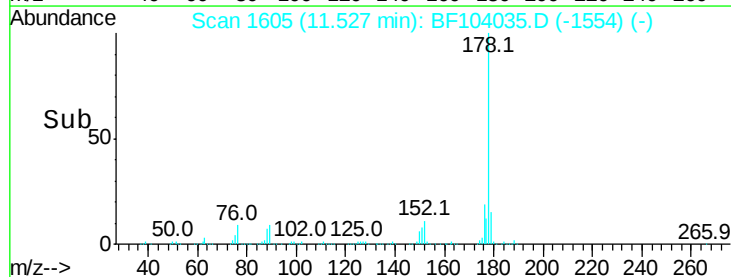
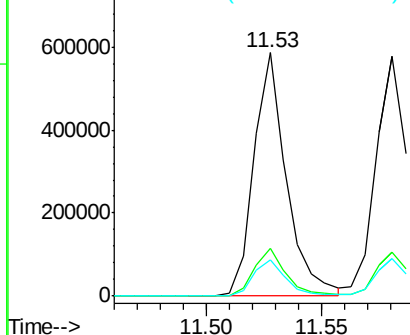


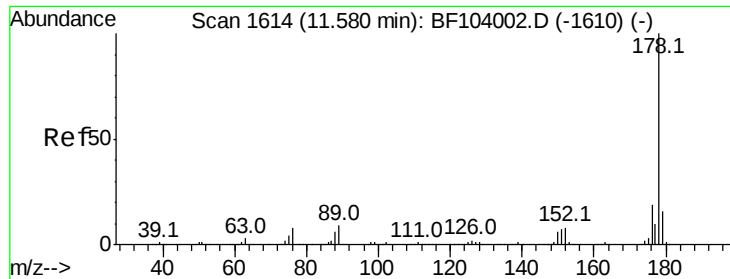
#70
 Phenanthrene
 Concen: 38.376 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion:178 Resp: 579015
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.1 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

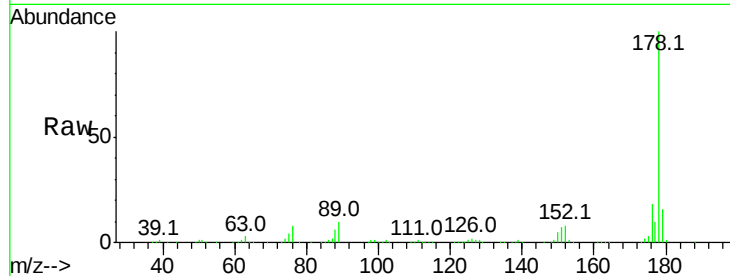




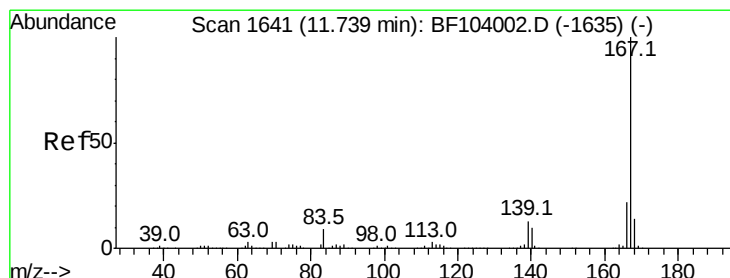
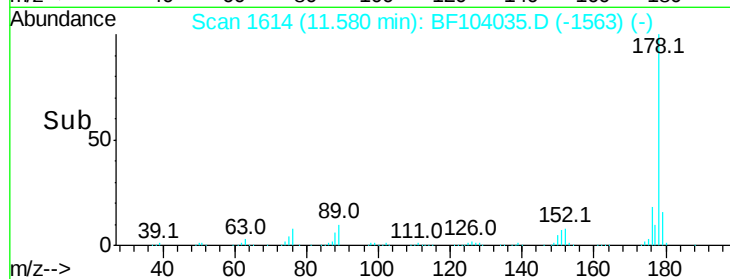
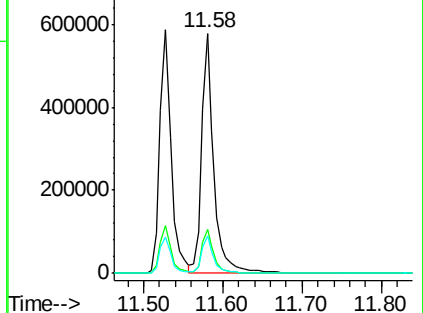
#71
 Anthracene
 Concen: 39.870 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 628342
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.5 12.6 19.0

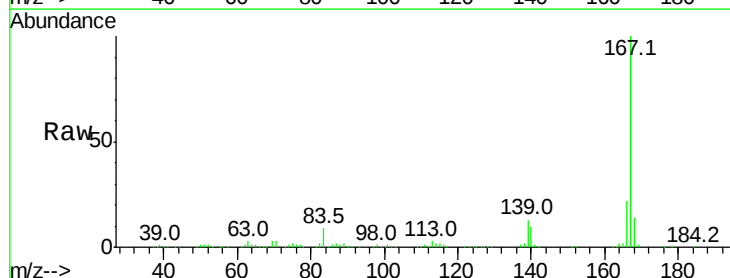


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

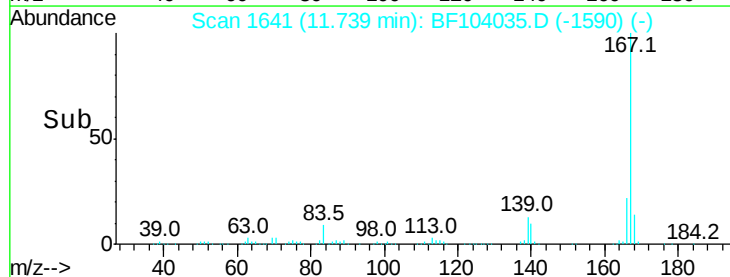
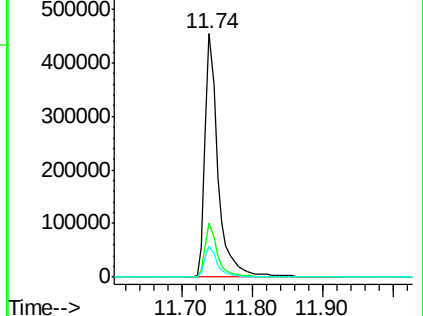


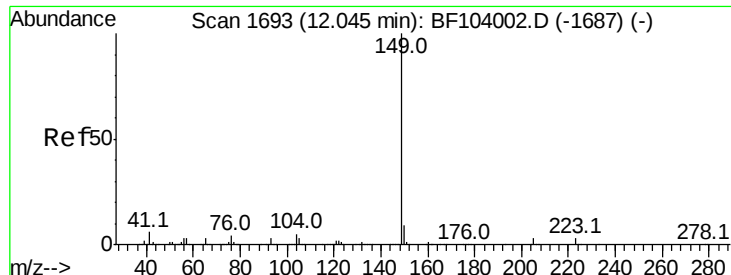
#72
 Carbazole
 Concen: 39.062 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion:167 Resp: 587551
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.904 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

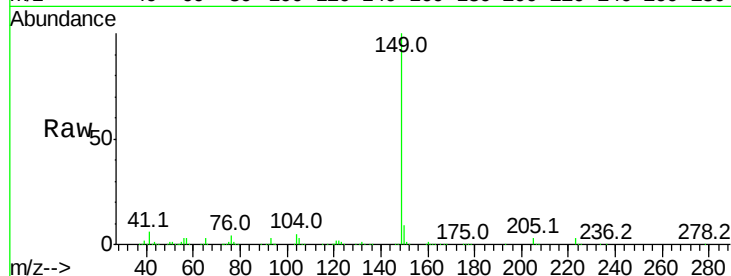
Tot Ion:149 Resp: 768702

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

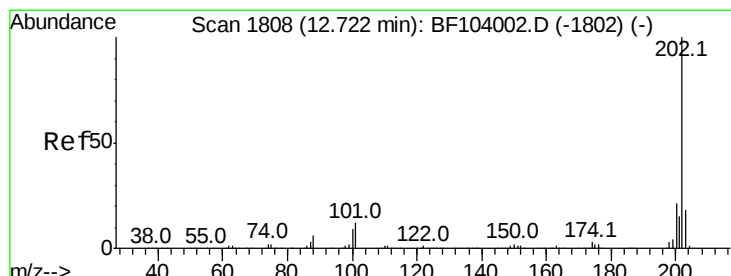
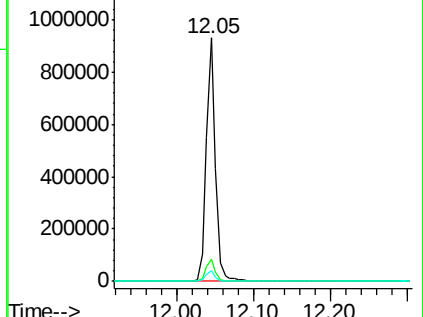
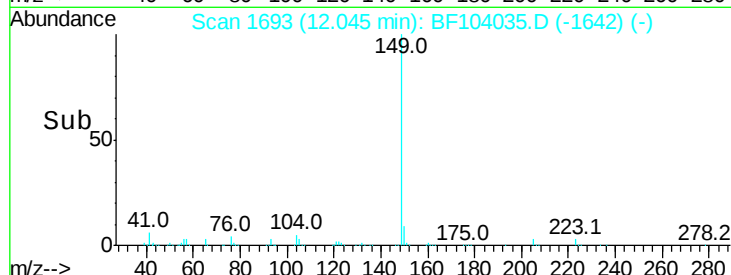
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.202 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

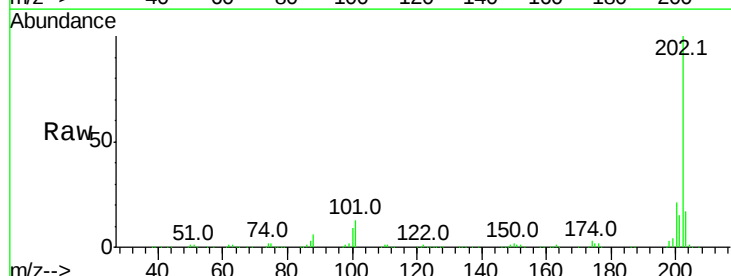
Tgt Ion:202 Resp: 612669

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

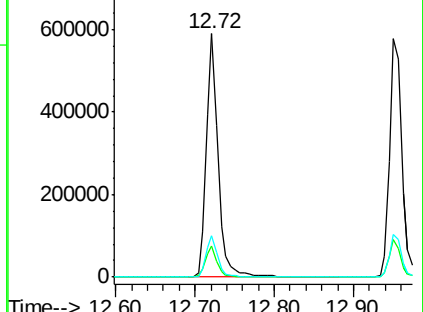
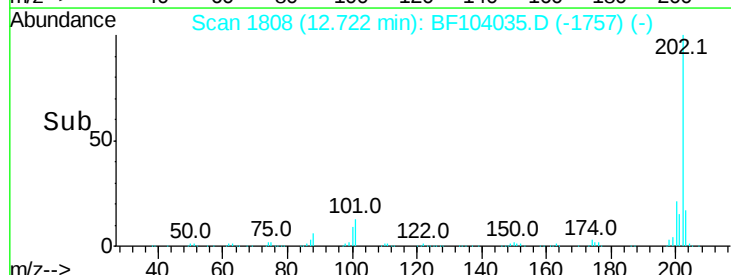
203 17.1 0.0 38.1

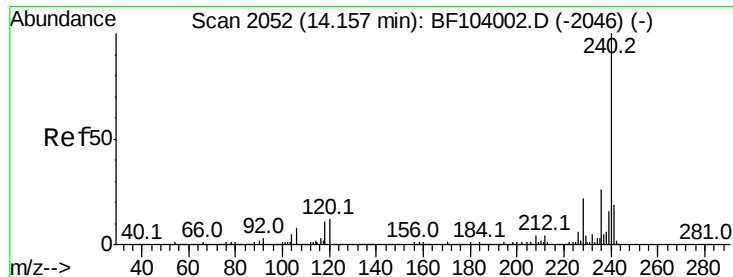


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

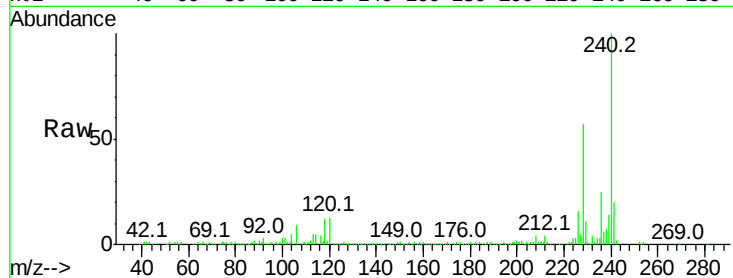
Tot Ion:240 Resp: 227562

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

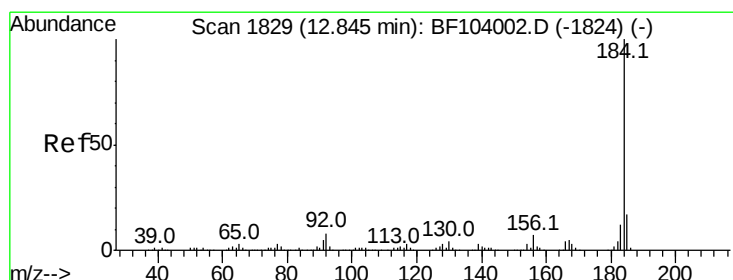
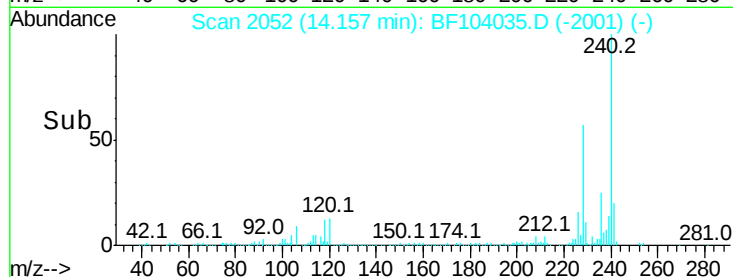
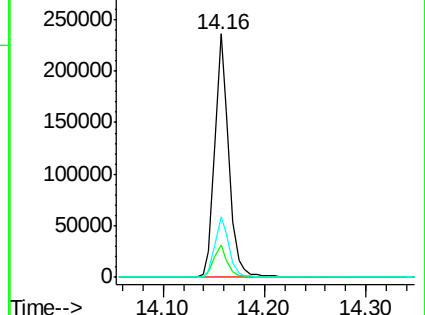
236 25.1 20.7 31.1



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: 47.829 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

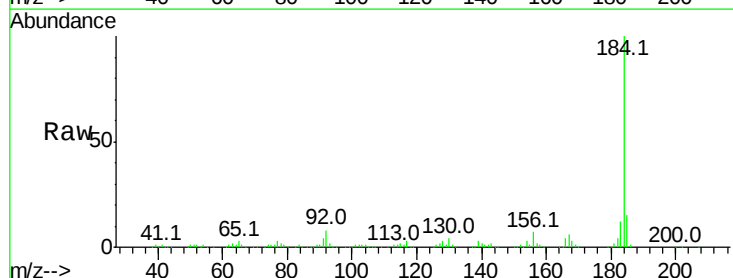
Tgt Ion:184 Resp: 310172

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

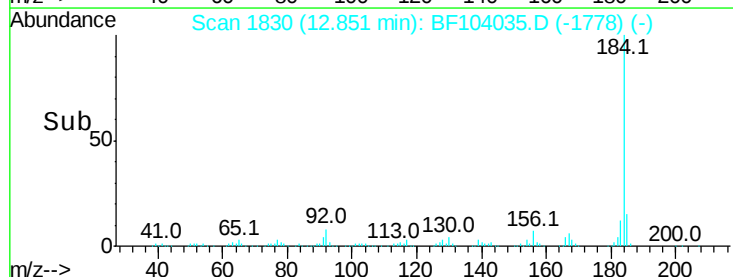
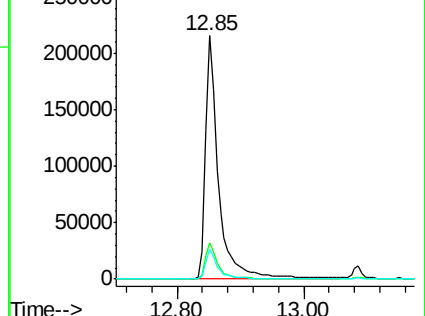
183 12.0 9.3 13.9

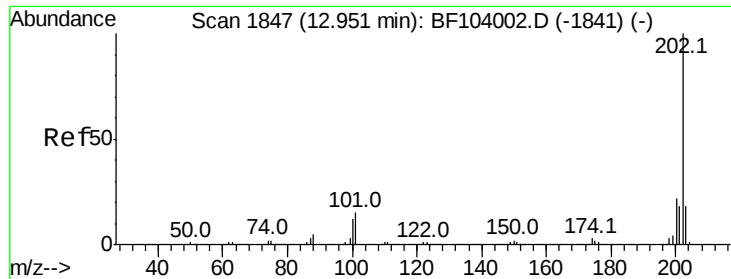


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

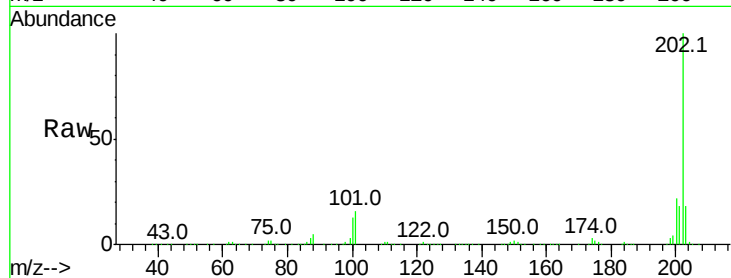




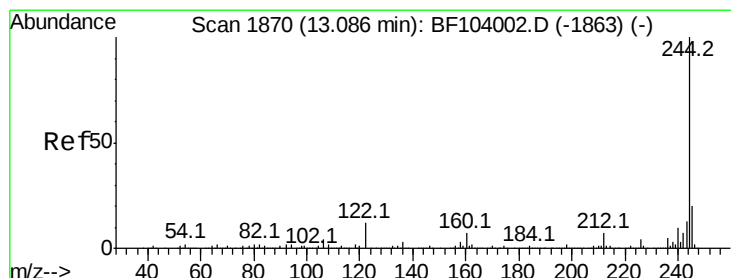
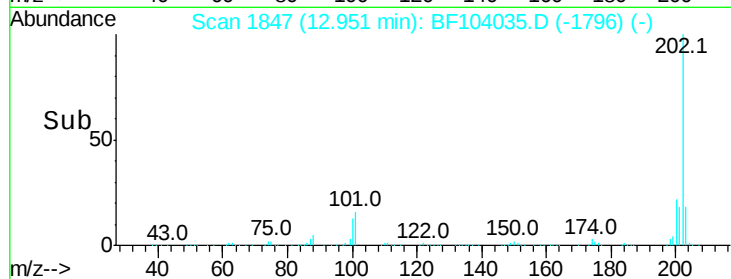
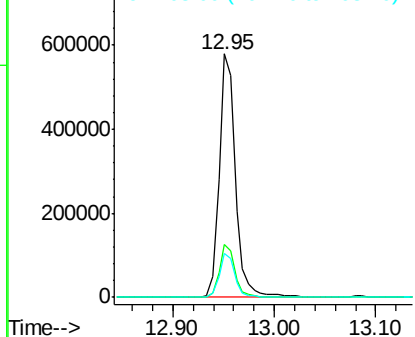
#77
Pvrene
Concen: 39.038 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 638603
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.8 14.3 21.5

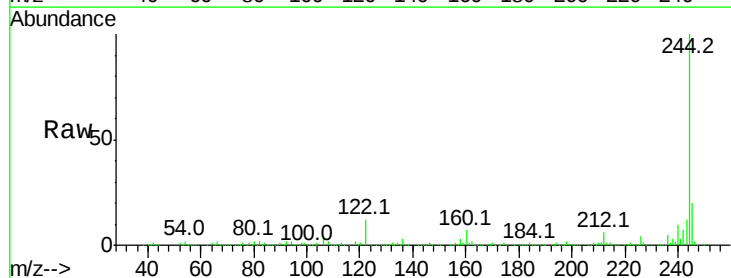


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

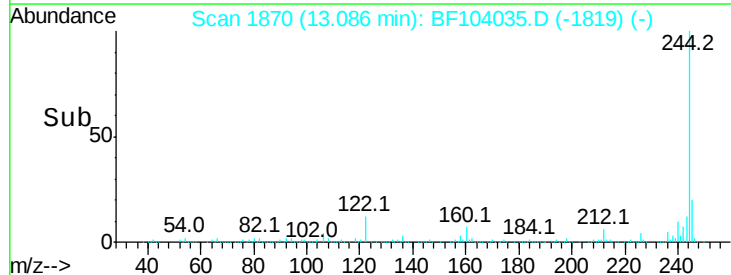
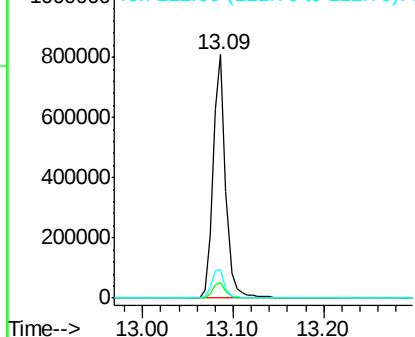


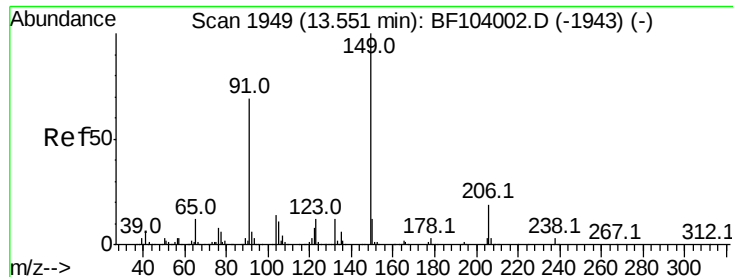
#78
Terphenyl-d14
Concen: 79.205 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion:244 Resp: 780620
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 11.7 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

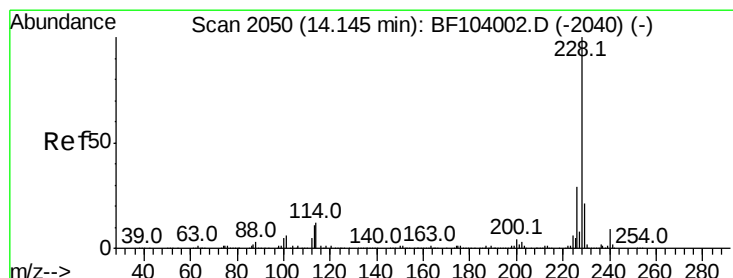
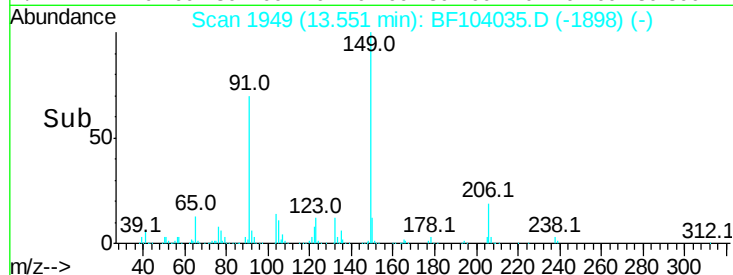
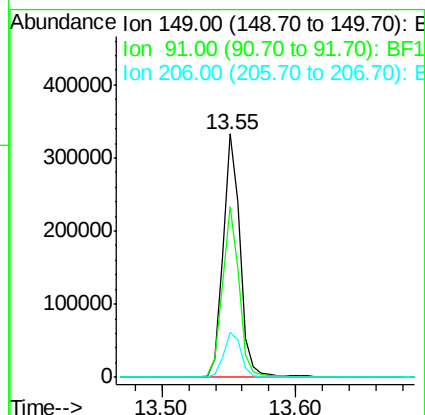
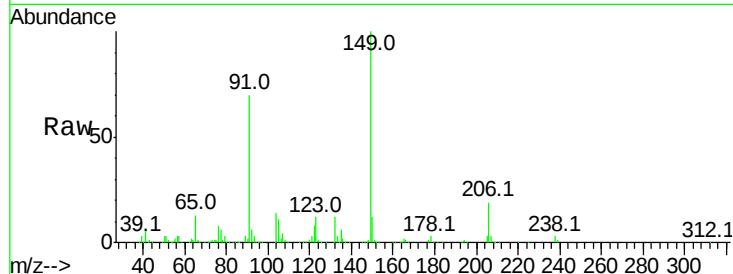




#79
Butylbenzylphthalate
Concen: 39.107 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

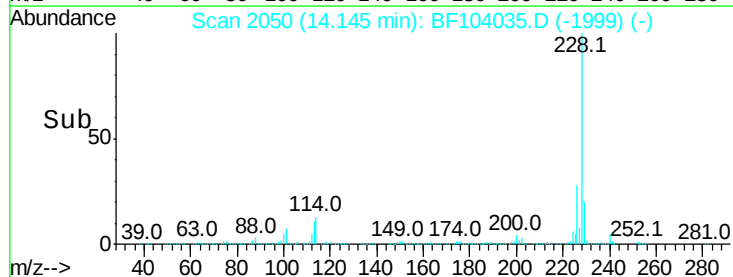
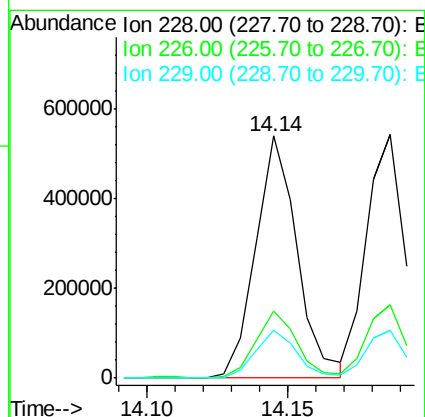
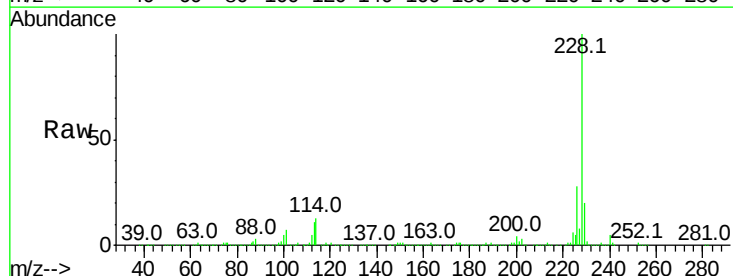
Instrument :
BNA_F
ClientSampled :

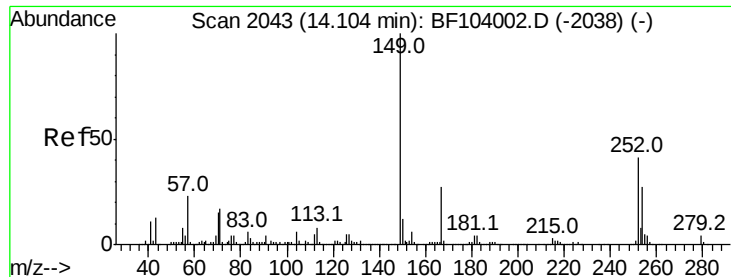
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	18.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.629 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.6	15.8	23.6

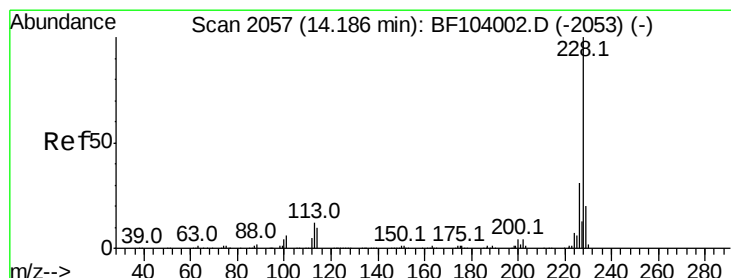
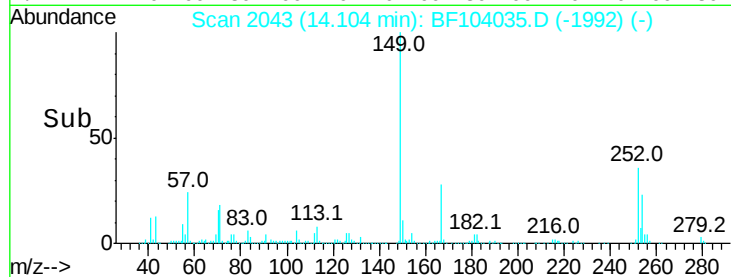
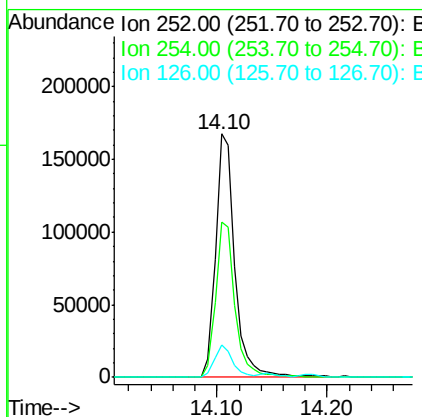
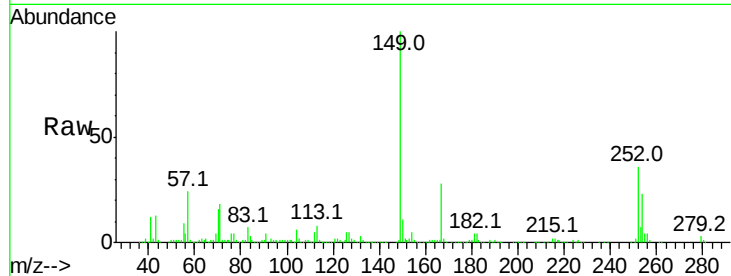




#81
 3,3'-Dichlorobenzidine
 Concen: 42.753 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

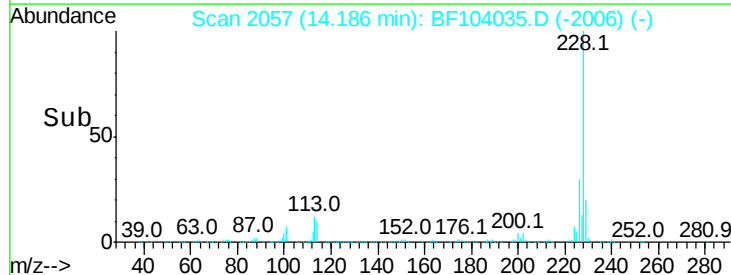
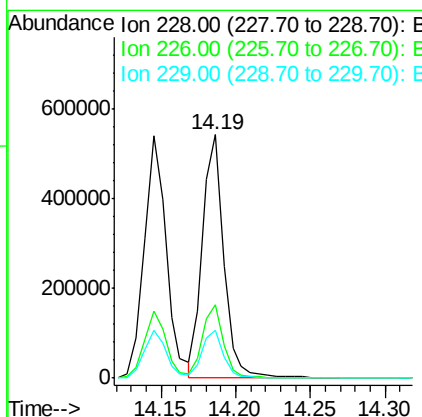
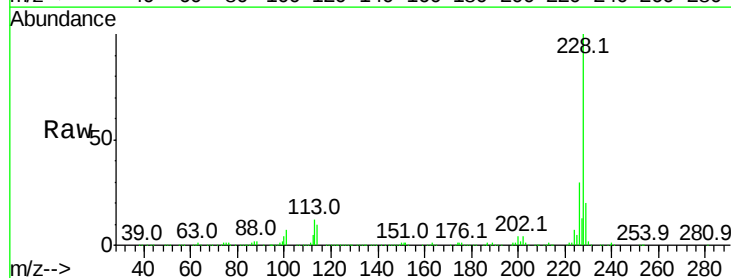
Instrument :
 BNA_F
 ClientSampled :

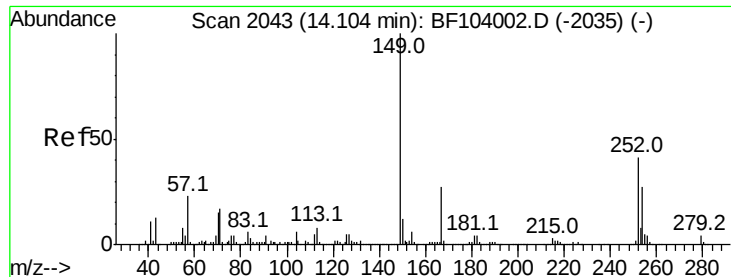
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.1	11.3	16.9



#82
 Chrysene
 Concen: 38.145 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.6	16.2	24.4

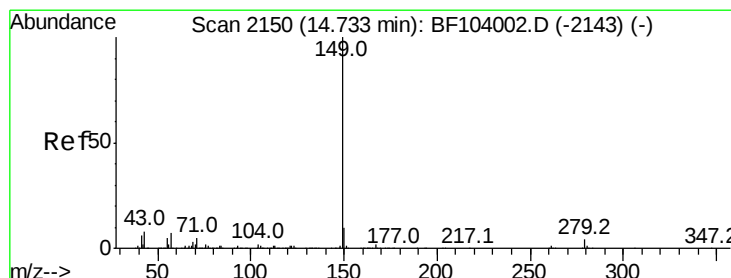
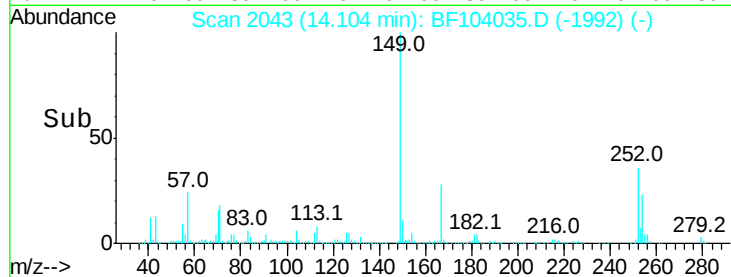
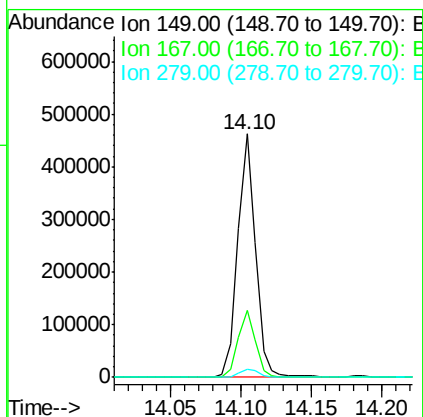
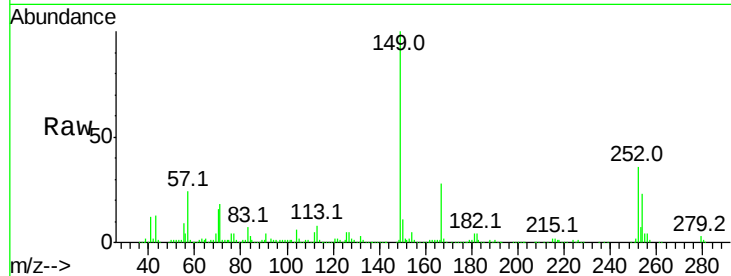




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.714 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

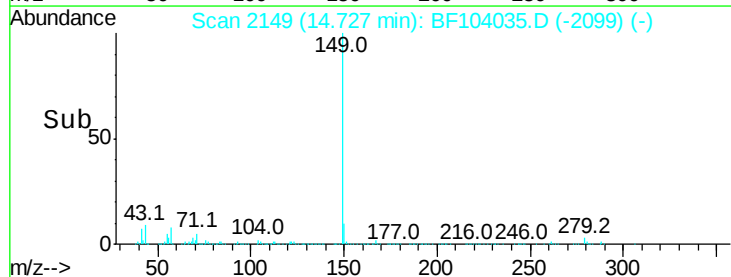
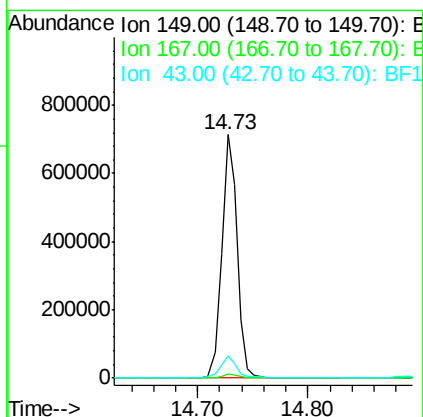
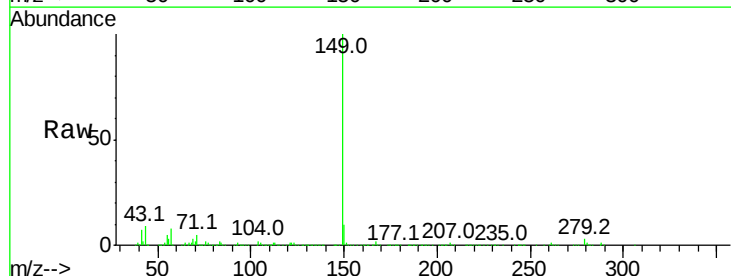
Instrument :
 BNA_F
 ClientSampleId :

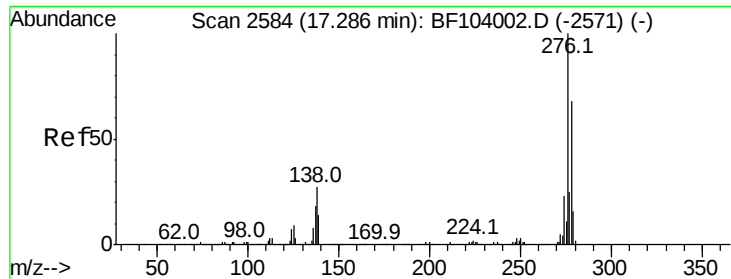
Tot Ion:149 Resp: 405426
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.119 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104035.D
 Acq: 29 Mar 2018 3:17

Tgt Ion:149 Resp: 687213
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.6 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.416 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

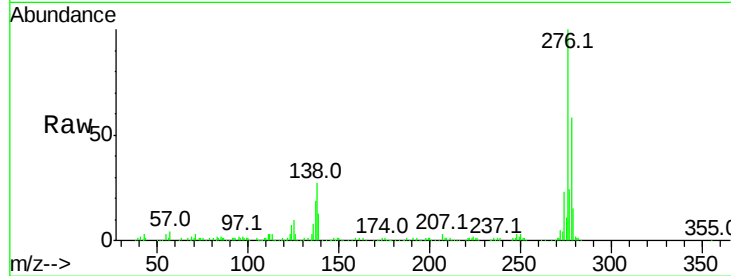
Tot Ion:276 Resp: 367312

Ion Ratio Lower Upper

276 100

138 27.5 25.0 37.6

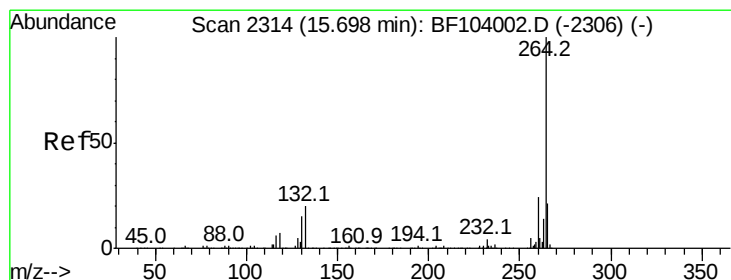
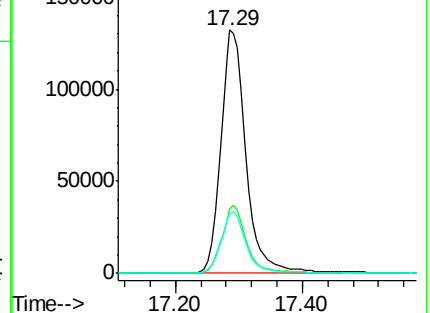
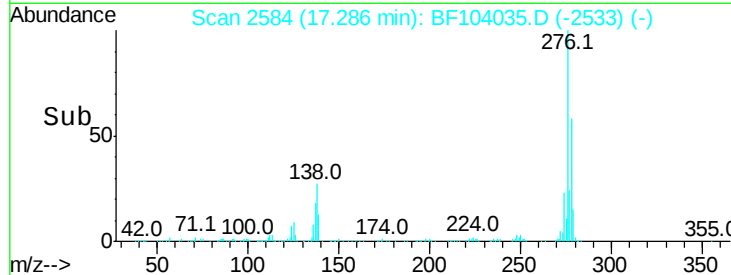
277 25.4 20.1 30.1



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

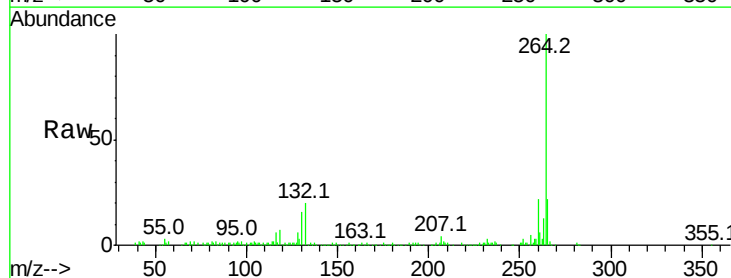
Tgt Ion:264 Resp: 169460

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

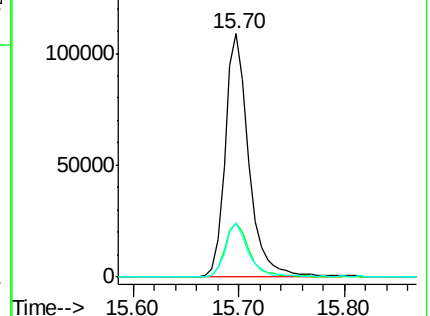
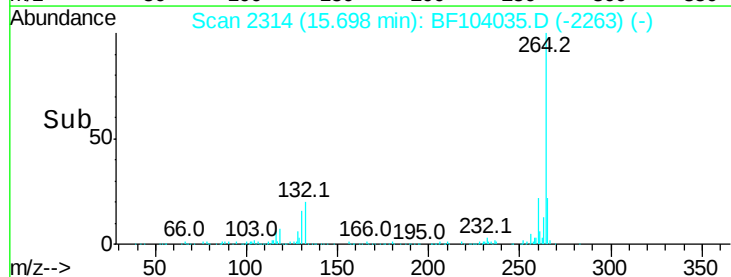
265 22.2 17.5 26.3

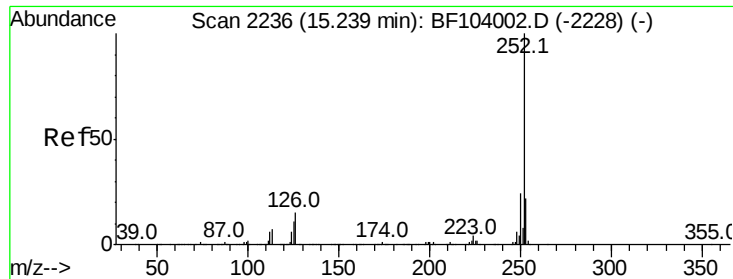


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

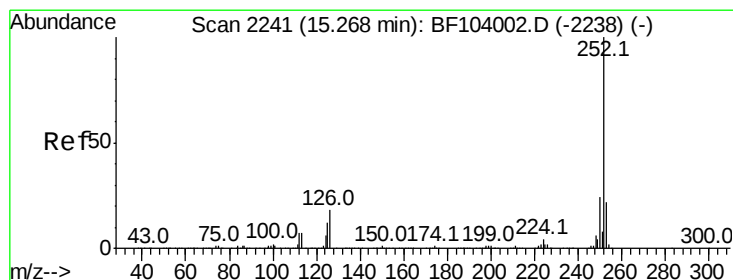
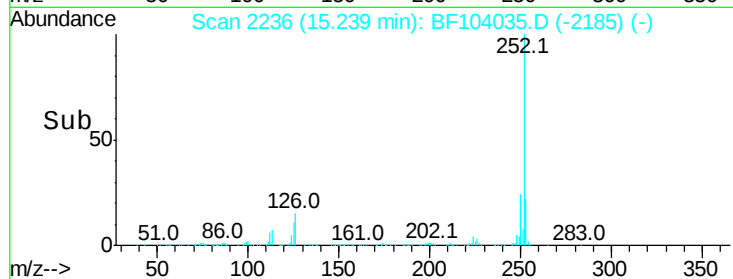
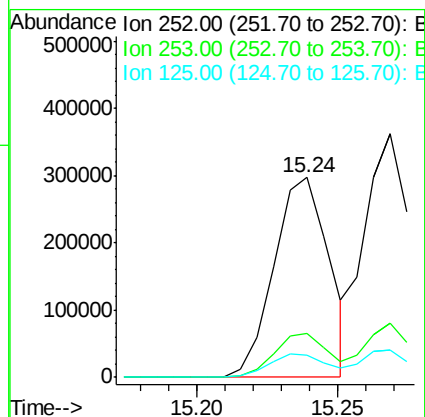
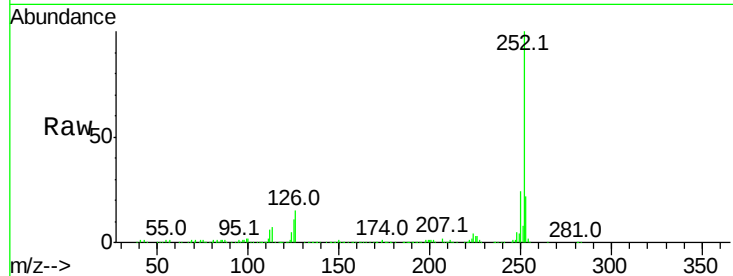




#87
Benzo(b)fluoranthene
Concen: 38.898 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

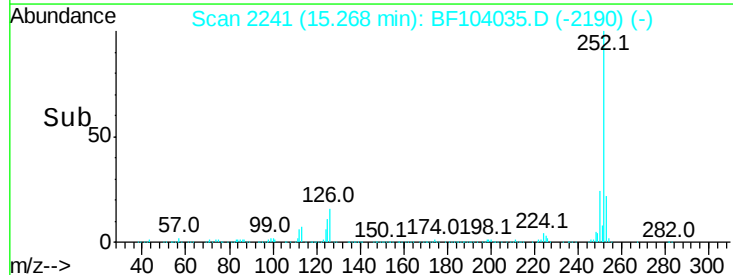
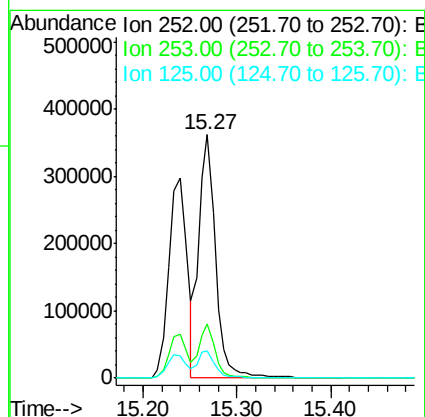
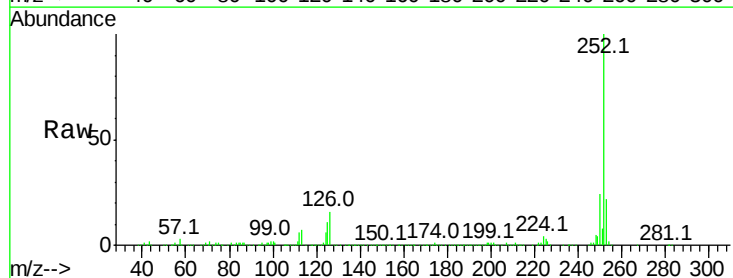
Instrument :
BNA_F
ClientSampled :

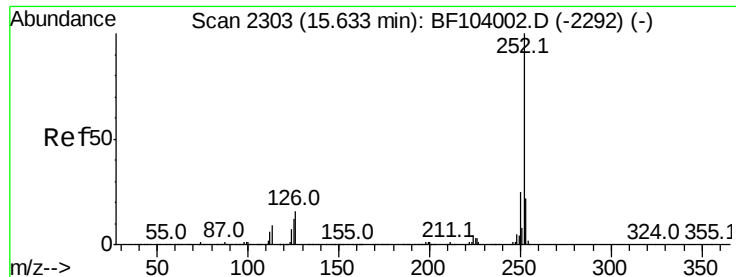
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 46.209 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104035.D
Acq: 29 Mar 2018 3:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.927 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

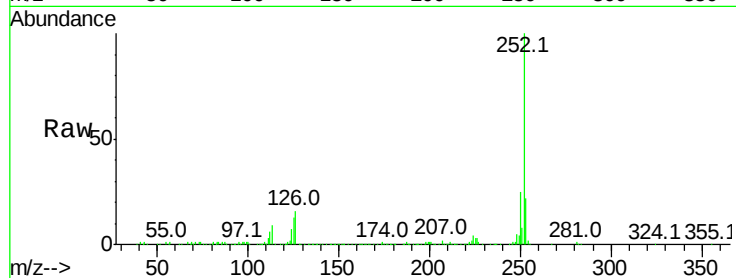
Tot Ion:252 Resp: 372027

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

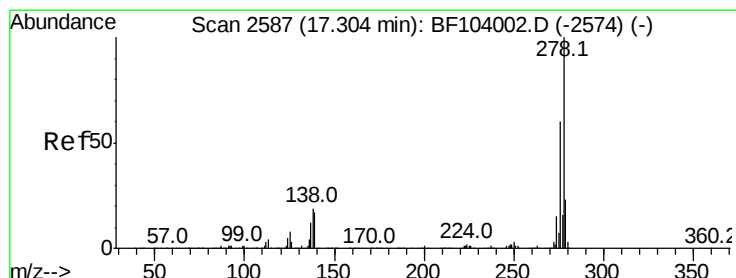
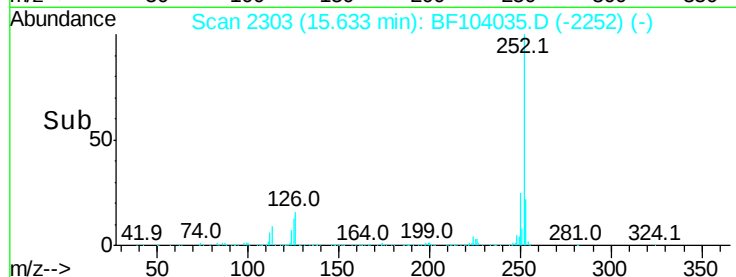
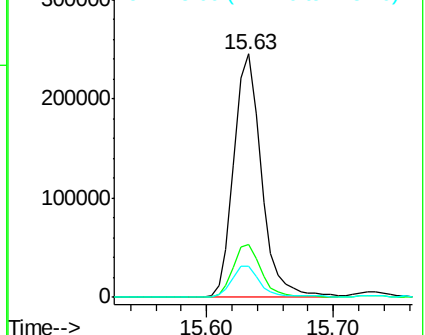
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.004 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

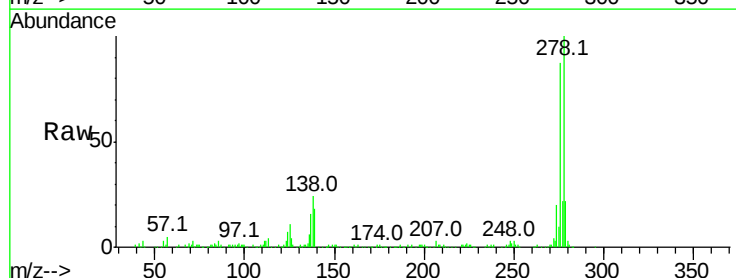
Tgt Ion:278 Resp: 309305

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

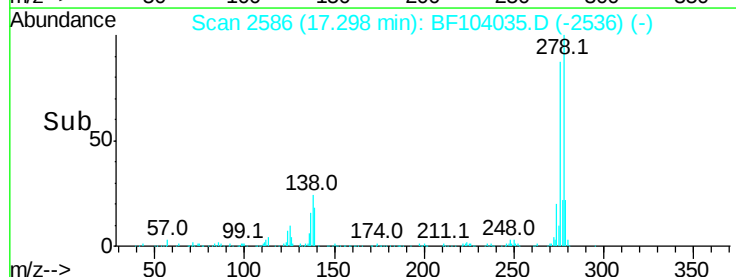
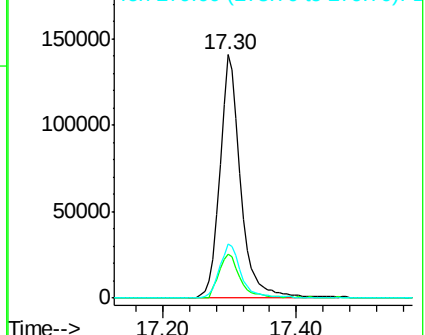
279 22.1 19.0 28.4

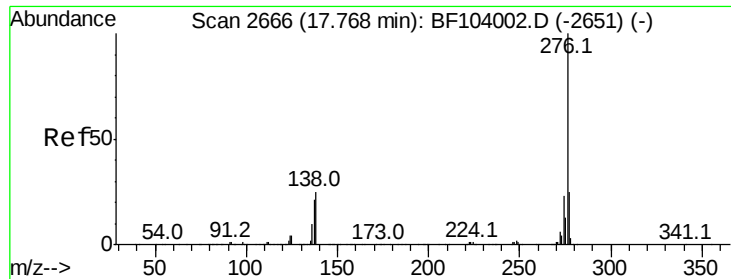


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.515 ng

RT: 17.77 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BF104035.D

Acq: 29 Mar 2018 3:17

Instrument :

BNA_F

ClientSampleId :

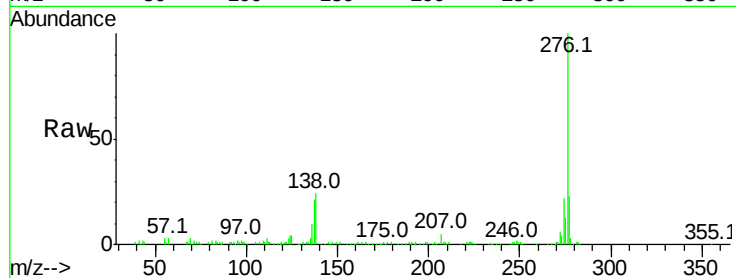
Tot Ion:276 Resp: 296626

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 24.2 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

