

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105165.D
 Acq On : 9 May 2018 00:45
 Operator : JU/SJ
 Sample : J2133-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:36:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	196202	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	791342	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	385189	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	755750	20.00	ng	0.00
75) Chrysene-d12	13.99	240	631072	20.00	ng	-0.02
86) Perylene-d12	15.52	264	584499	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1440508	120.95	ng	0.00
7) Phenol-d6	6.42	99	1737862	122.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	1095906	93.86	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	546243	128.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1942161	78.26	ng	0.00
78) Terphenyl-d14	12.90	244	2132075	78.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	124096	19.71	ng	89
3) Pyridine	3.26	79	330715	19.58	ng	90
4) n-Nitrosodimethylamine	3.18	42	150786	17.62	ng	83
6) Aniline	6.46	93	413324	19.96	ng	94
8) 2-Chlorophenol	6.57	128	258699	20.48	ng	95
9) Benzaldehyde	6.35	77	153248	14.10	ng	98
10) Phenol	6.43	94	311994	19.77	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	256556	19.73	ng	93
12) 1,3-Dichlorobenzene	6.73	146	321536	21.11	ng	98
13) 1,4-Dichlorobenzene	6.81	146	320166	21.03	ng	98
14) 1,2-Dichlorobenzene	6.96	146	295127	21.01	ng	98
15) Benzyl Alcohol	6.93	79	240434	22.15	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	477253	19.75	ng	96
17) 2-Methylphenol	7.04	107	230904	21.17	ng	99
18) Hexachloroethane	7.30	117	108723	22.19	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	198115	21.10	ng	89
20) 3+4-Methylphenols	7.19	107	293853	22.92	ng	89
22) Acetophenone	7.20	105	401494	21.77	ng	# 98
24) Nitrobenzene	7.37	77	292558	22.10	ng	96
25) Isophorone	7.61	82	489920	18.76	ng	98
26) 2-Nitrophenol	7.69	139	124232	28.53	ng	92
27) 2,4-Dimethylphenol	7.72	122	201165	17.34	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	303415	18.83	ng	99
29) 2,4-Dichlorophenol	7.92	162	218384	20.12	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	262269	20.95	ng	98
31) Naphthalene	8.10	128	794367	20.85	ng	100
32) Benzoic acid	7.82	122	172456	31.23	ng	91
33) 4-Chloroaniline	8.15	127	323271	20.40	ng	100
34) Hexachlorobutadiene	8.22	225	156927	21.64	ng	100
35) Caprolactam	8.50	113	67739	20.55	ng	# 80
36) 4-Chloro-3-methylphenol	8.62	107	224090	19.83	ng	93
37) 2-Methylnaphthalene	8.79	142	544723	20.51	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	262101	21.38	ng	98
40) Hexachlorocyclopentadiene	8.94	237	134632	20.31	ng	96

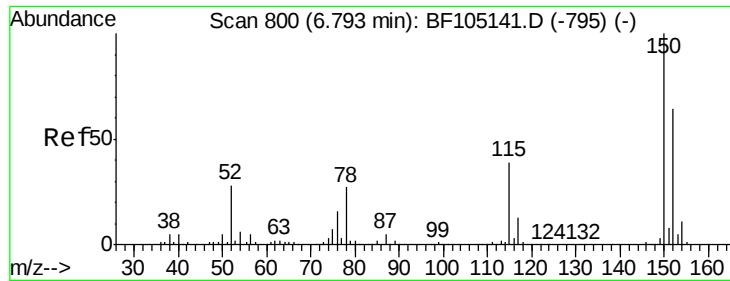
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	154210	20.62	nq	92
43) 2,4,5-Trichlorophenol	9.09	196	175651	22.48	nq	93
45) 1,1'-Biphenyl	9.25	154	687980	21.92	nq	99
46) 2-Chloronaphthalene	9.27	162	506300	21.58	nq	95
47) 2-Nitroaniline	9.37	65	152048	25.59	nq	93
48) Acenaphthylene	9.69	152	800419	22.09	nq	98
49) Dimethylphthalate	9.55	163	585798	22.46	nq	99
50) 2,6-Dinitrotoluene	9.61	165	130469	23.06	nq	96
51) Acenaphthene	9.86	154	518021	22.19	nq	98
52) 3-Nitroaniline	9.78	138	138153	23.18	nq	96
53) 2,4-Dinitrophenol	9.88	184	41086	31.06	nq	# 17
54) Dibenzofuran	10.03	168	715179	20.94	nq	98
55) 4-Nitrophenol	9.92	139	102408	22.37	nq	93
56) 2,4-Dinitrotoluene	10.01	165	163552	23.71	nq	95
57) Fluorene	10.37	166	543033	21.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	139046	19.94	nq	88
59) Diethylphthalate	10.25	149	576690	22.50	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	259788	22.28	nq	92
61) 4-Nitroaniline	10.39	138	135593	22.86	nq	98
62) Azobenzene	10.53	77	555968	20.80	nq	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	76824	32.96	nq	84
65) n-Nitrosodiphenylamine	10.49	169	499257	21.19	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	168562	20.91	nq	90
67) Hexachlorobenzene	10.92	284	197918	21.31	nq	# 83
68) Atrazine	11.01	200	96028	13.01	nq	97
69) Pentachlorophenol	11.11	266	116392	23.60	nq	99
70) Phenanthrene	11.34	178	834564	20.95	nq	99
71) Anthracene	11.39	178	839201	20.73	nq	100
72) Carbazole	11.54	167	786221	21.55	nq	98
73) Di-n-butylphthalate	11.88	149	891353	22.84	nq	99
74) Fluoranthene	12.52	202	894631	21.55	nq	97
76) Benzidine	12.65	184	281638	11.95	nq	# 93
77) Pyrene	12.75	202	931020	20.28	nq	99
79) Butylbenzylphthalate	13.39	149	355293	25.24	nq	# 92
80) Benzo(a)anthracene	13.98	228	773649	20.21	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	277989	19.32	nq	# 97
82) Chrysene	14.02	228	808512	20.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	466317	24.57	nq	100
84) Di-n-octyl phthalate	14.66	149	737375	24.08	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.96	276	618822	19.81	nq	94
87) Benzo(b)fluoranthene	15.10	252	721296	20.17	nq	97
88) Benzo(k)fluoranthene	15.13	252	765357	22.07	nq	# 95
89) Benzo(a)pyrene	15.46	252	665595	20.47	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	513638	20.33	nq	# 95
91) Benzo(g,h,i)perylene	17.39	276	493684	19.98	nq	94

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

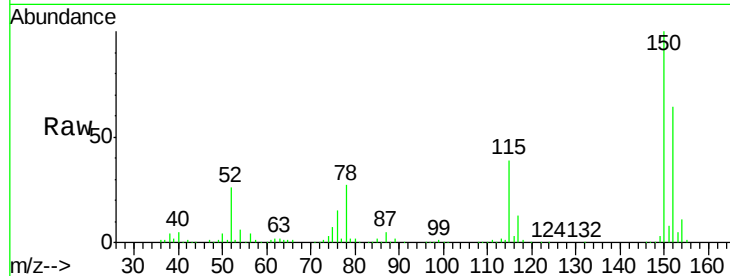


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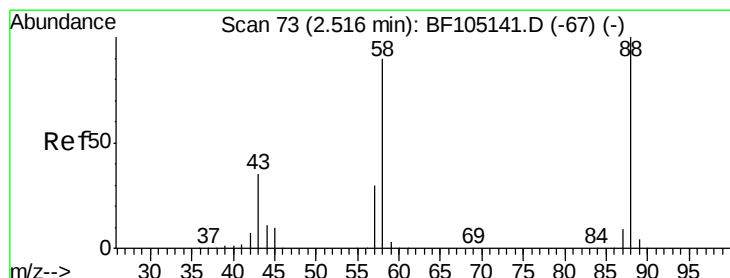
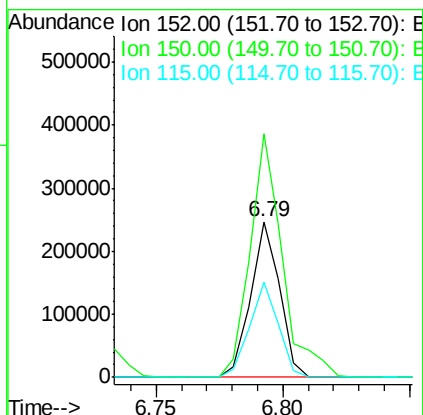
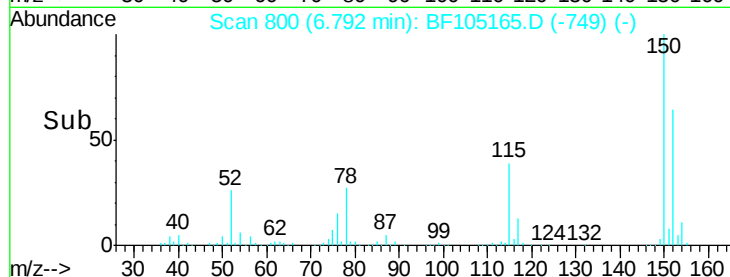
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 196202
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.0 50.1 75.1



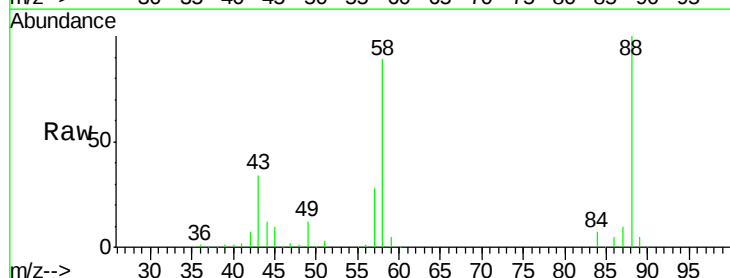
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



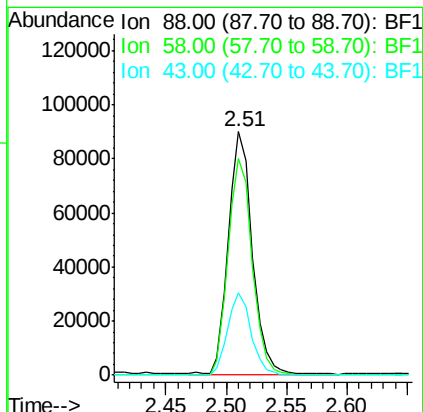
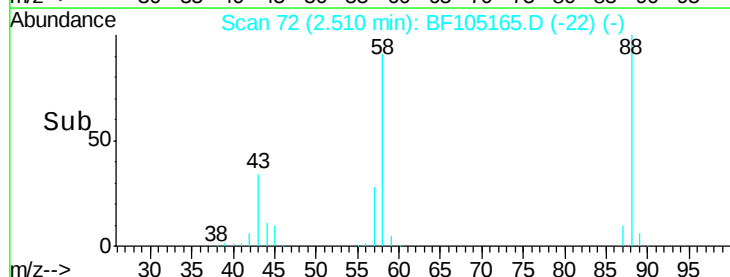
#2

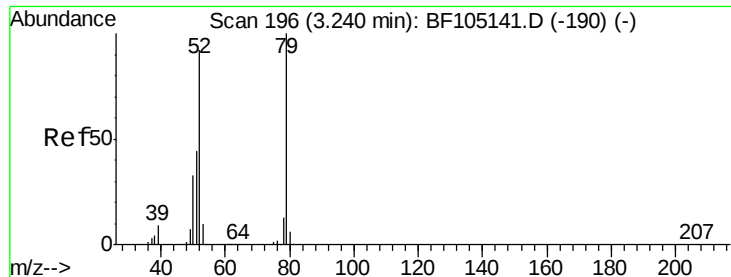
1,4-Dioxane
Concen: 19.71 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion: 88 Resp: 124096
Ion Ratio Lower Upper
88 100
58 89.8 62.6 93.8
43 33.2 24.6 37.0



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





#3

Pvridine

Concen: 19.58 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampled :

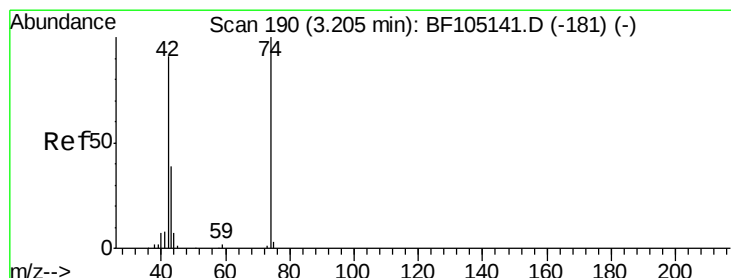
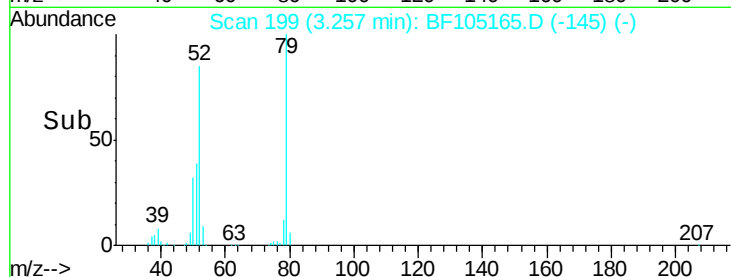
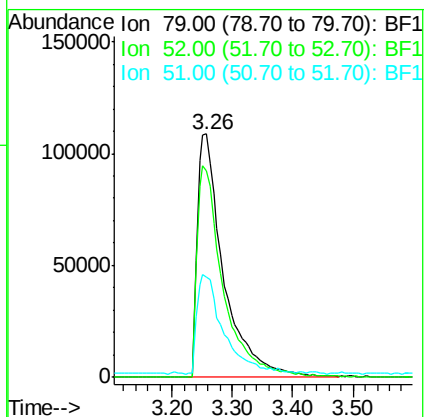
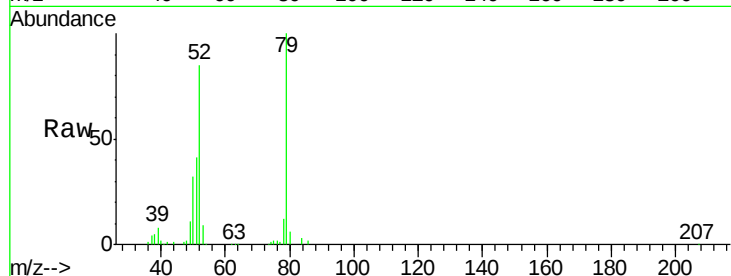
Tot Ion: 79 Resp: 330715

Ion Ratio Lower Upper

79 100

52 84.6 59.8 89.6

51 41.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 17.62 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

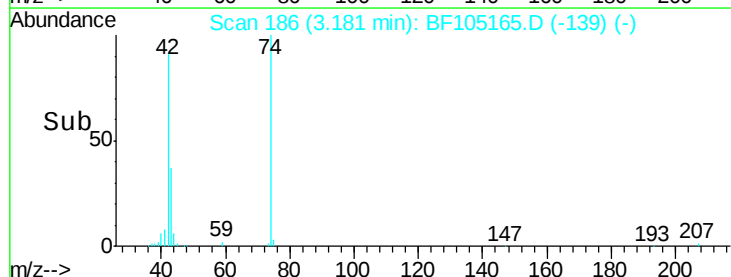
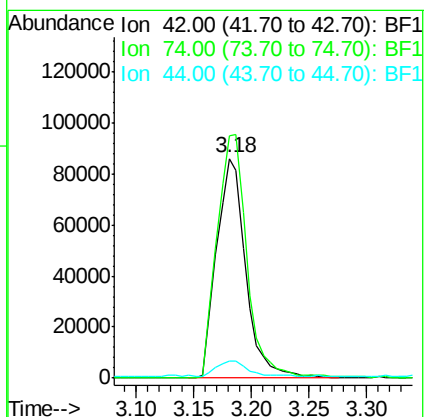
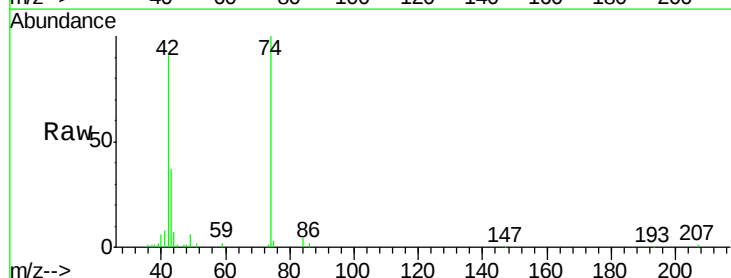
Tgt Ion: 42 Resp: 150786

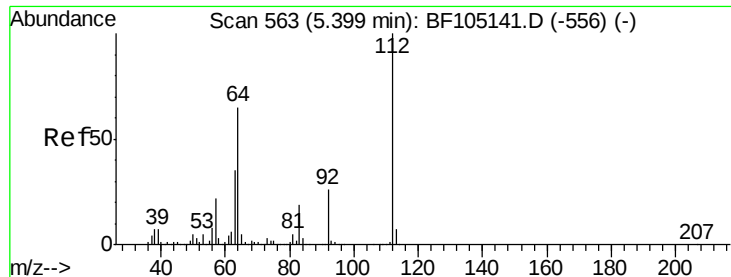
Ion Ratio Lower Upper

42 100

74 110.3 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 120.95 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

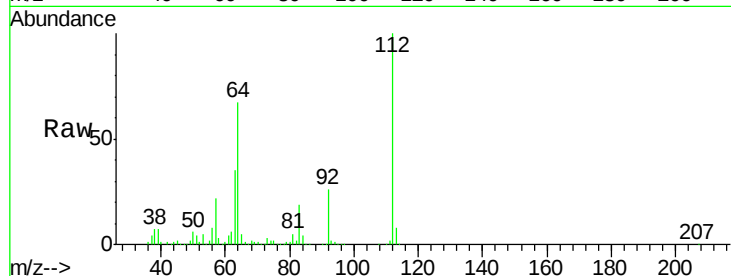
Tot Ion:112 Resp: 1440508

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

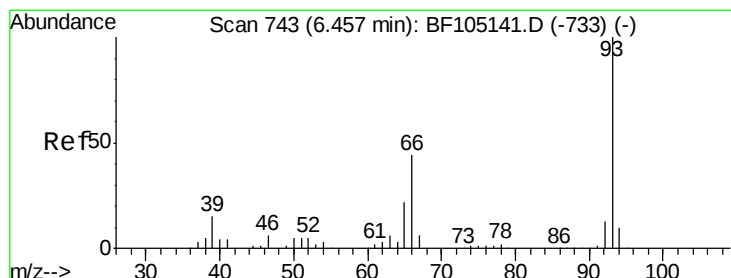
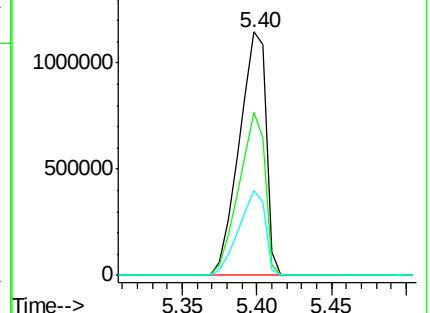
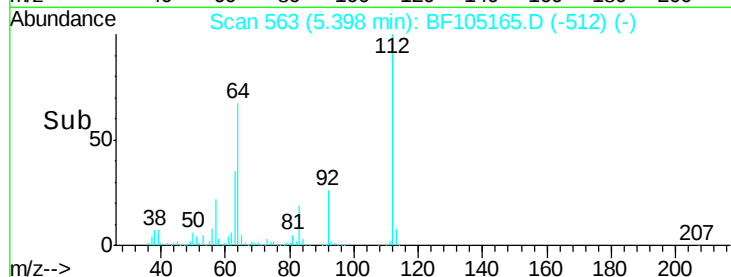
63 34.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.96 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

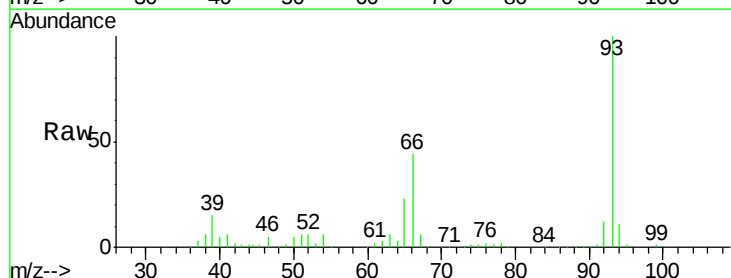
Tgt Ion: 93 Resp: 413324

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

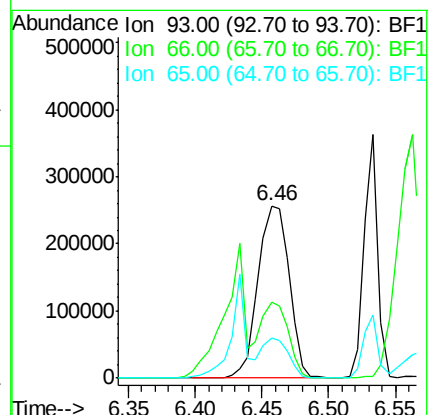
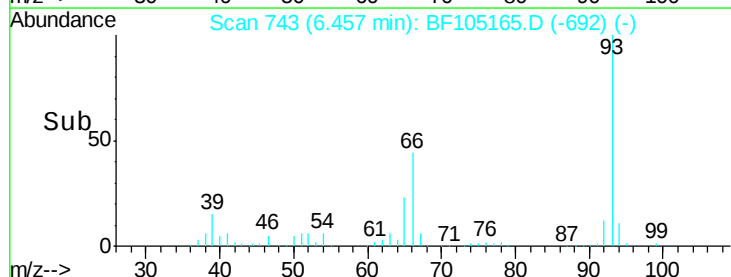
65 23.2 16.4 24.6

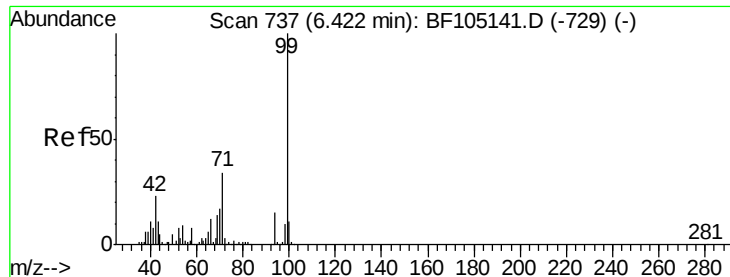


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.55 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

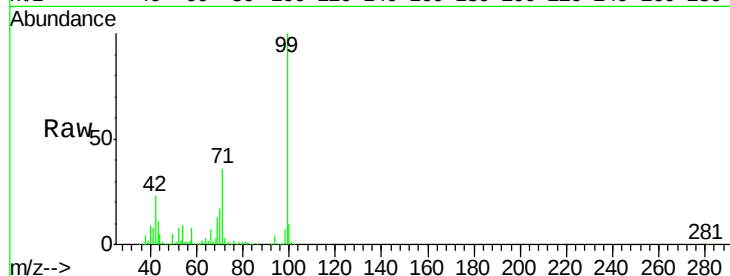
Tot Ion: 99 Resp: 1737862

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

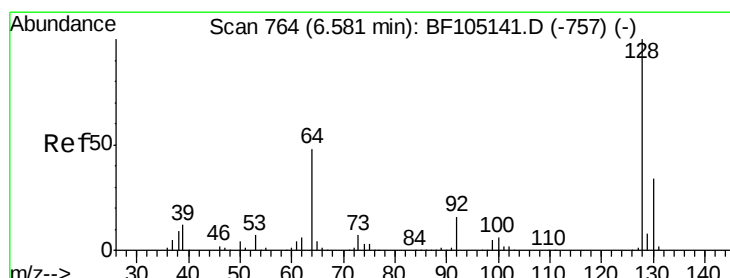
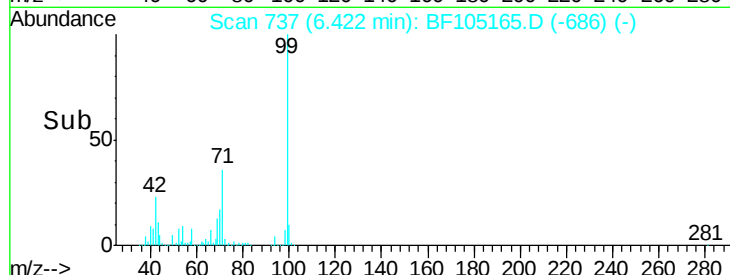
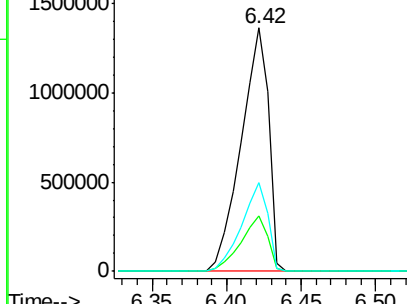
71 36.5 25.4 38.0



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: 20.48 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

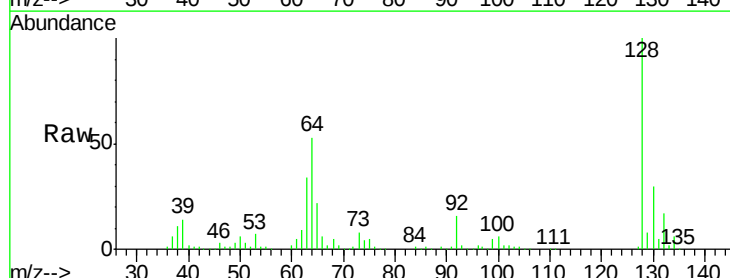
Tgt Ion:128 Resp: 258699

Ion Ratio Lower Upper

128 100

130 30.3 13.0 53.0

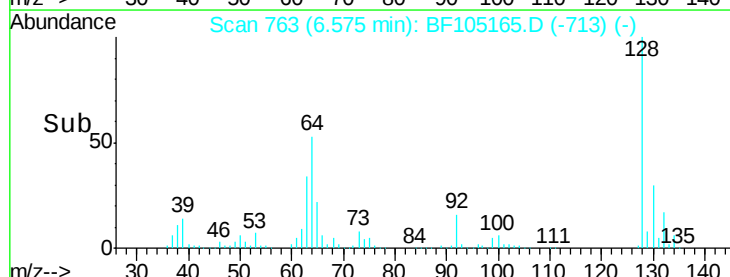
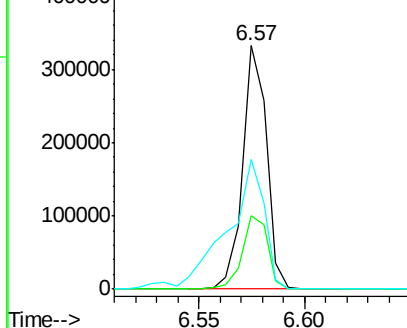
64 53.1 29.4 69.4

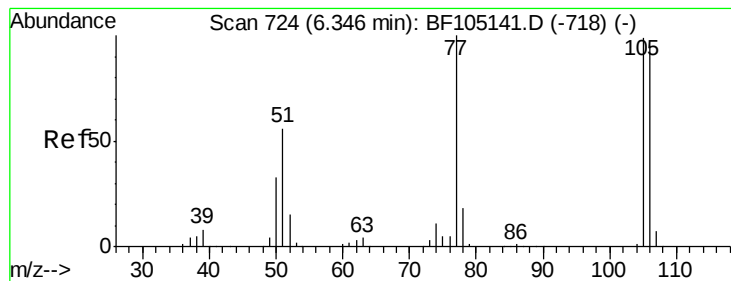


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.10 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

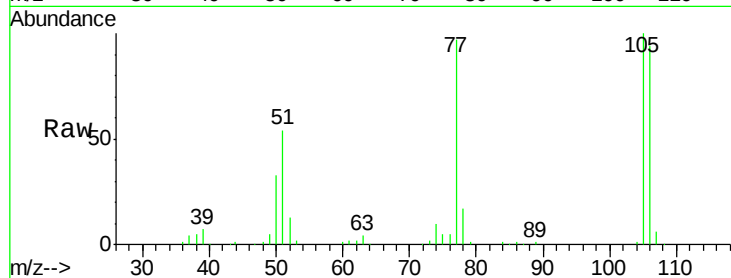
Tot Ion: 77 Resp: 153248

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

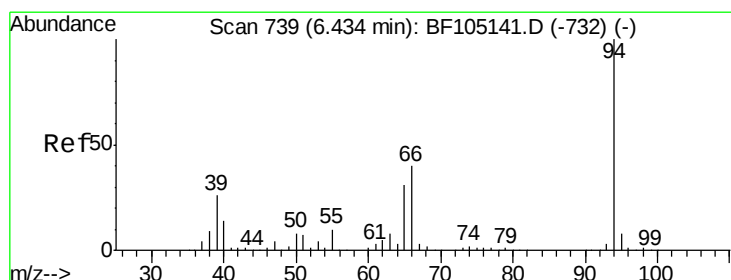
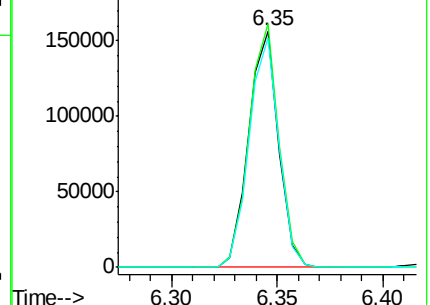
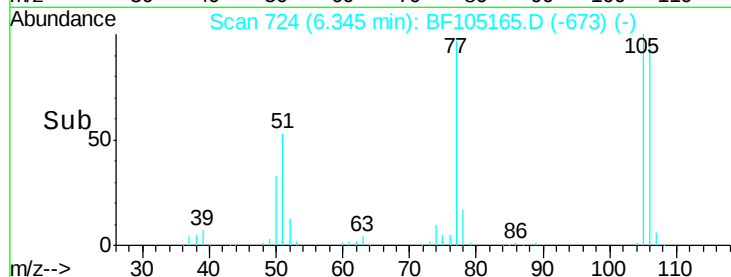
106 97.1 74.5 114.5



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: 19.77 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

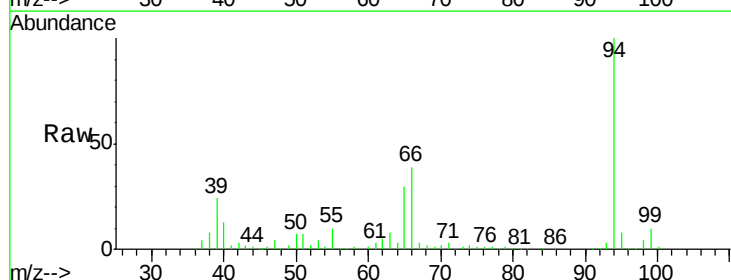
Tgt Ion: 94 Resp: 311994

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

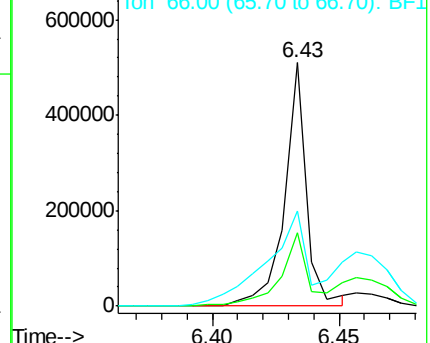
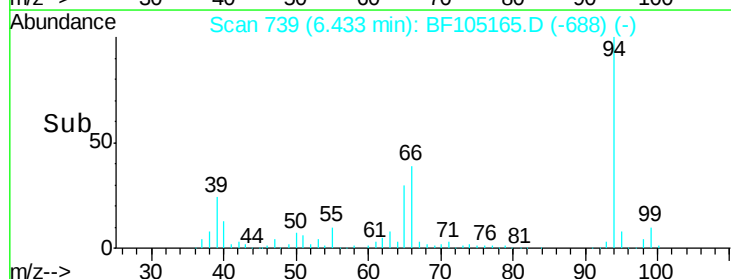
66 39.2 16.2 56.2

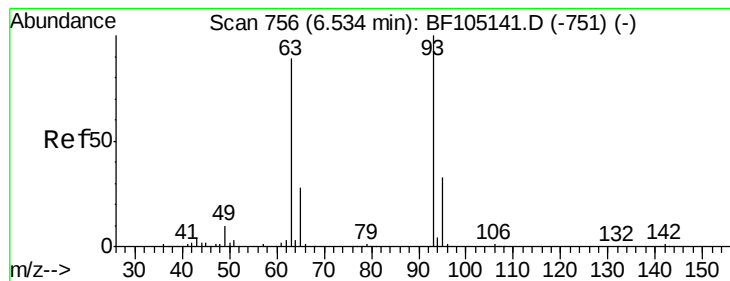


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

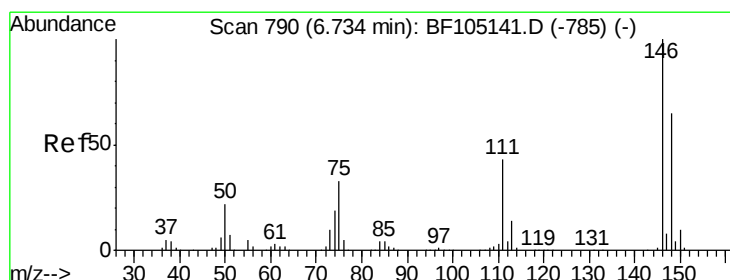
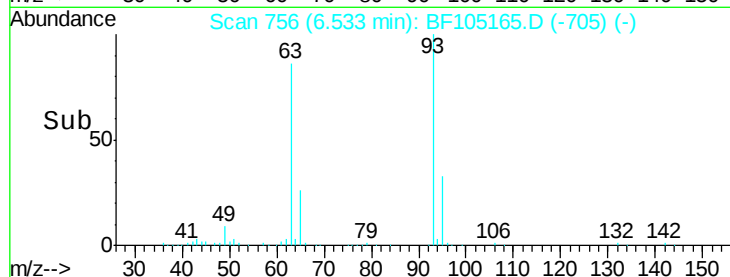
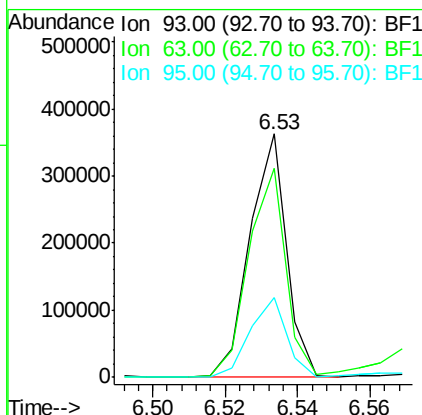
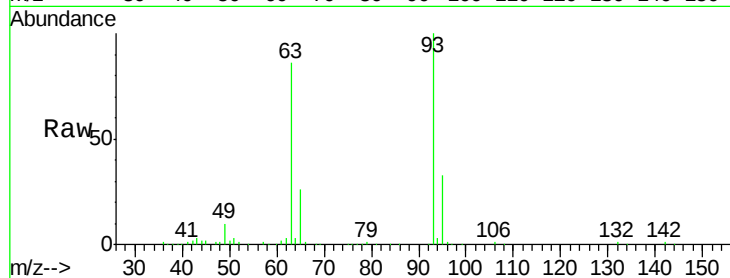




#11
bis(2-Chloroethyl)ether
Concen: 19.73 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

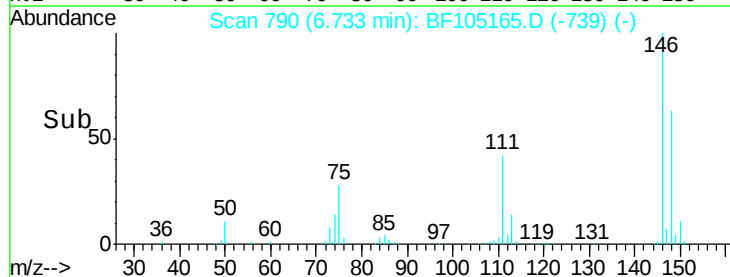
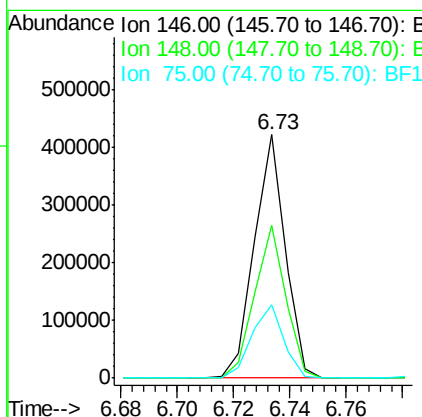
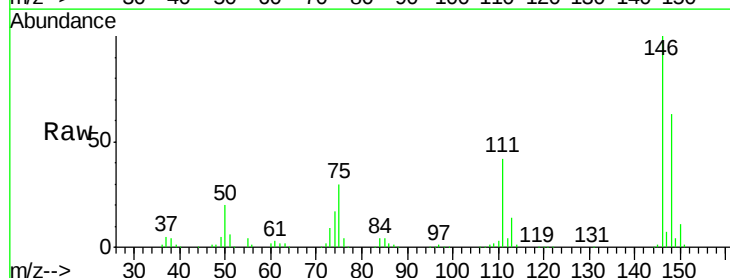
Instrument :
BNA_F
ClientSampleId :

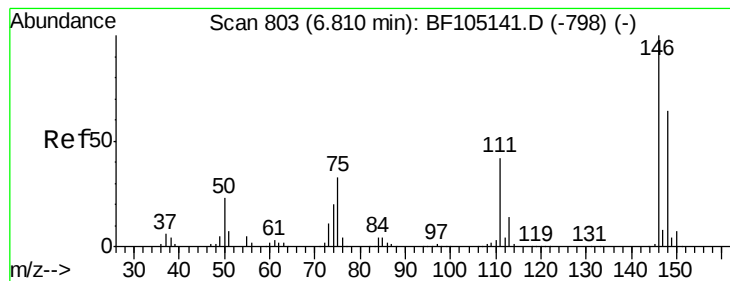
Tot Ion: 93 Resp: 256556
Ion Ratio Lower Upper
93 100
63 86.0 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 21.11 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion: 146 Resp: 321536
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.8
75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 21.03 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

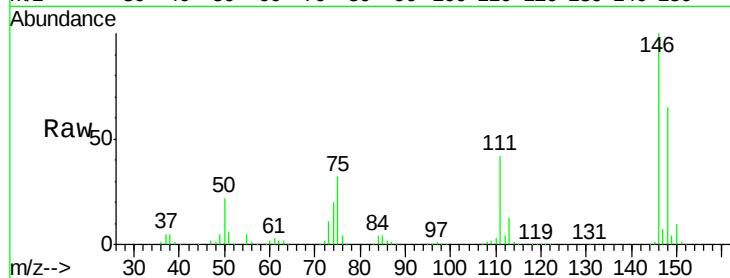
Tot Ion:146 Resp: 320166

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

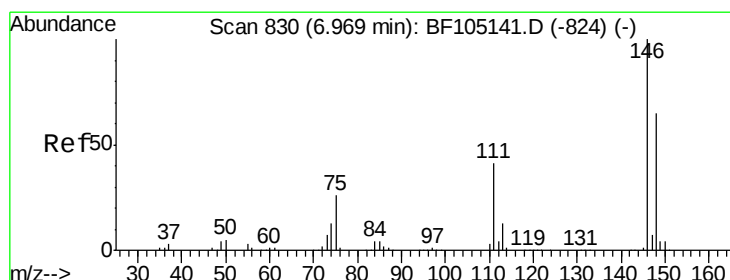
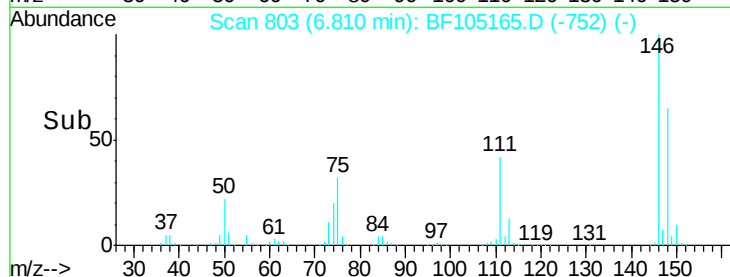
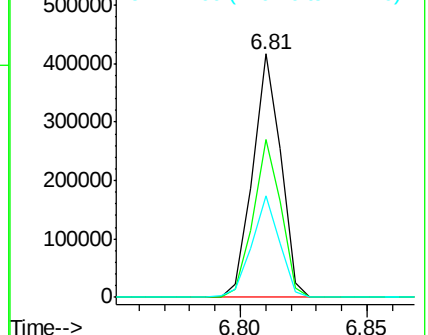
111 41.6 34.2 51.2



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: 21.01 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

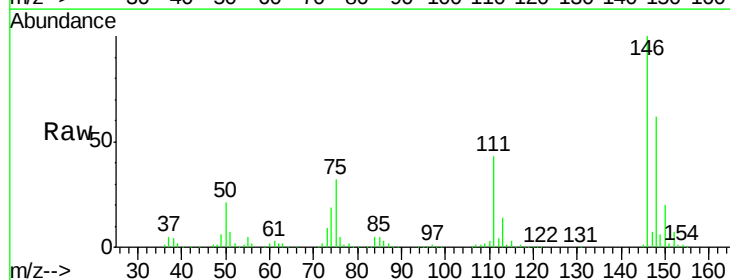
Tgt Ion:146 Resp: 295127

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

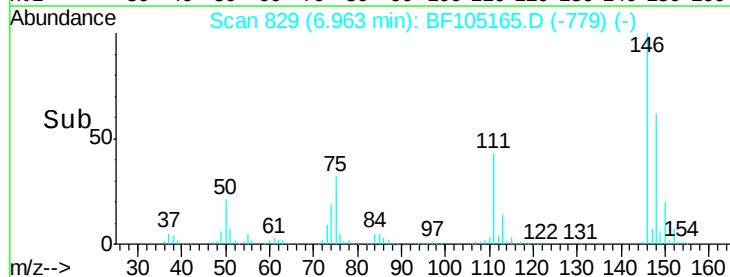
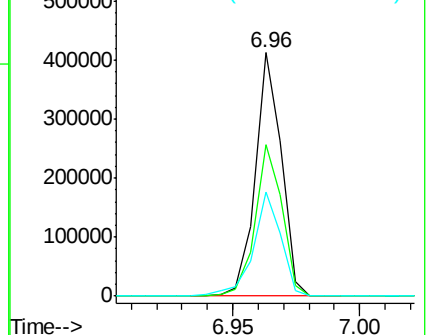
111 42.6 36.0 54.0

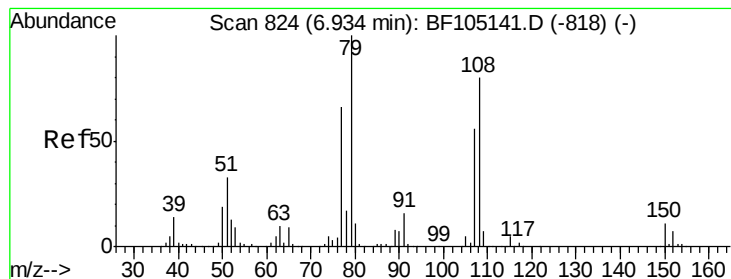


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.15 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

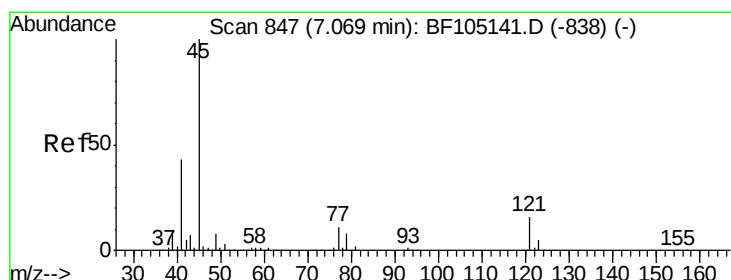
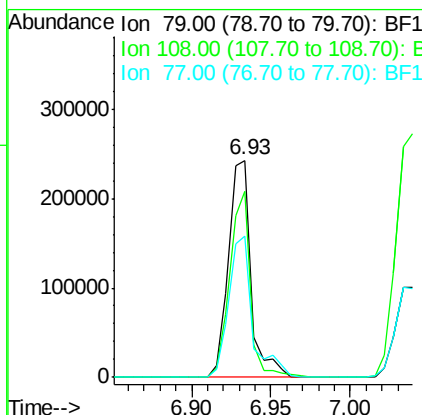
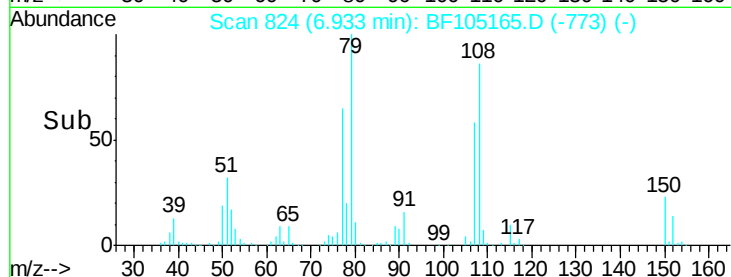
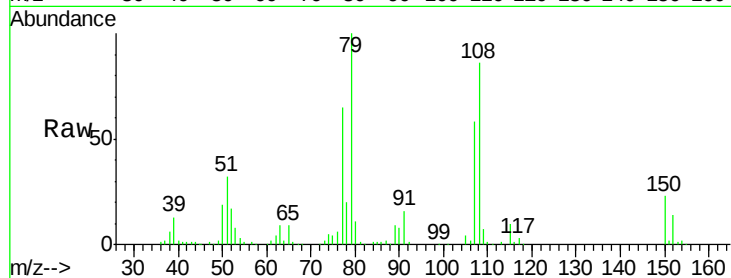
Tot Ion: 79 Resp: 240434

Ion Ratio Lower Upper

79 100

108 85.5 65.1 97.7

77 65.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.75 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

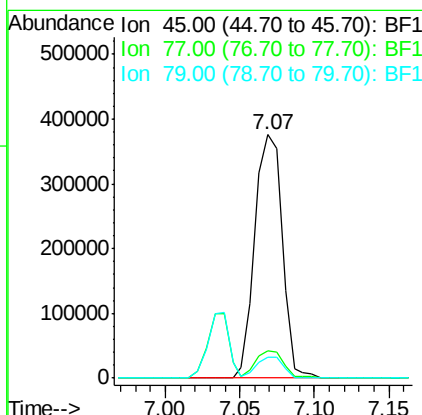
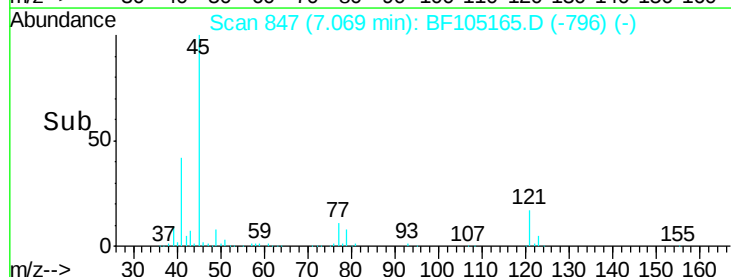
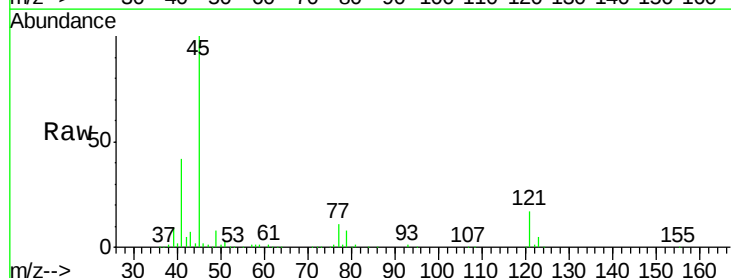
Tgt Ion: 45 Resp: 477253

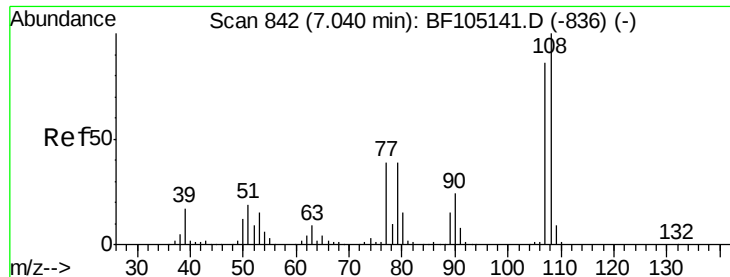
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 8.4 0.0 29.6





#17

2-Methylphenol

Concen: 21.17 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 230904

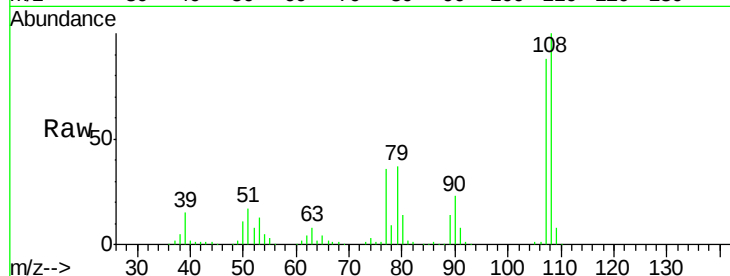
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

77 41.4 33.8 50.8

79 42.1 33.8 50.8

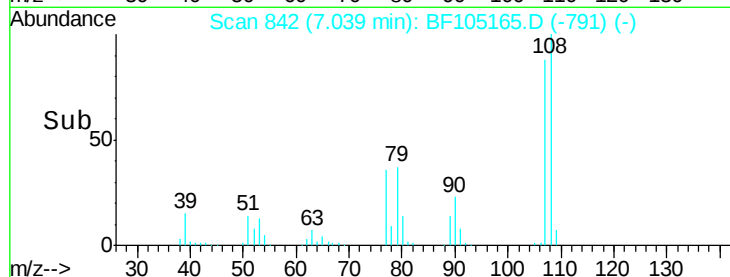


Abundance Ion 107.00 (106.70 to 107.70): E

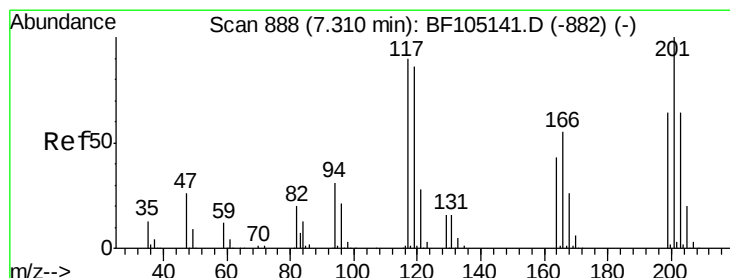
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 22.19 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

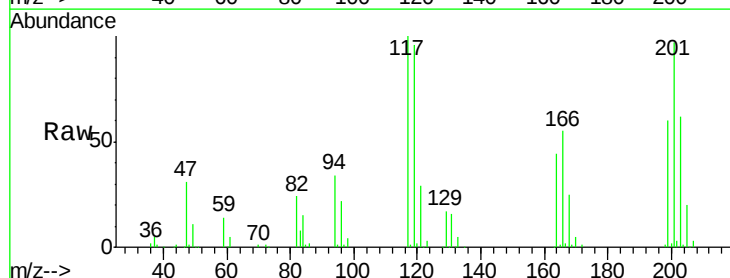
Tgt Ion:117 Resp: 108723

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

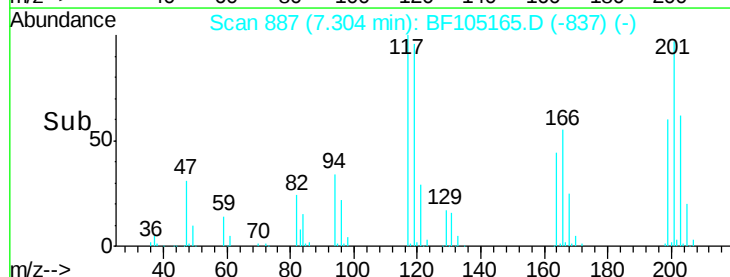
201 97.4 75.7 113.5



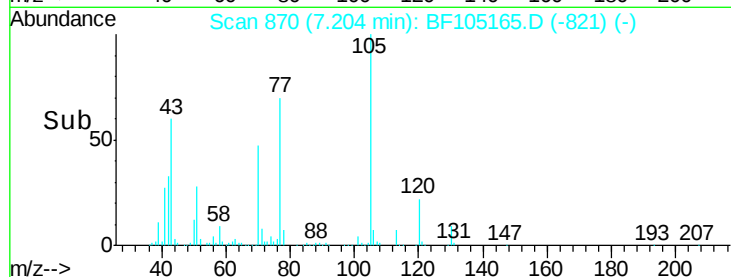
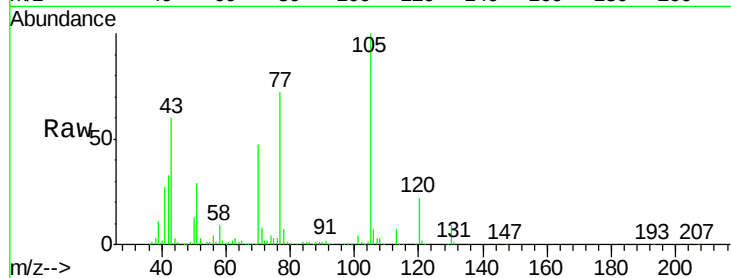
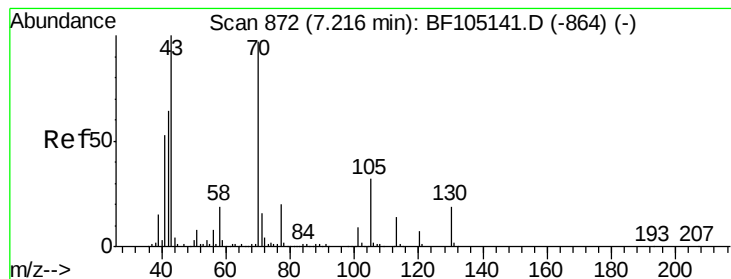
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 21.10 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 198115

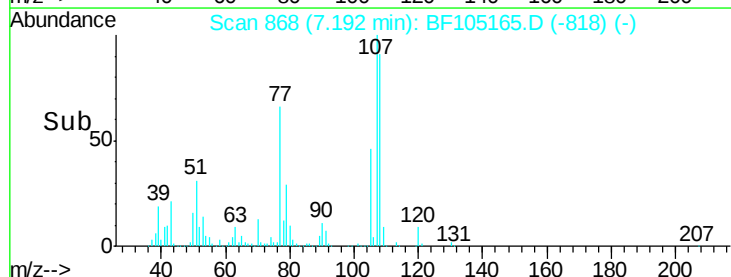
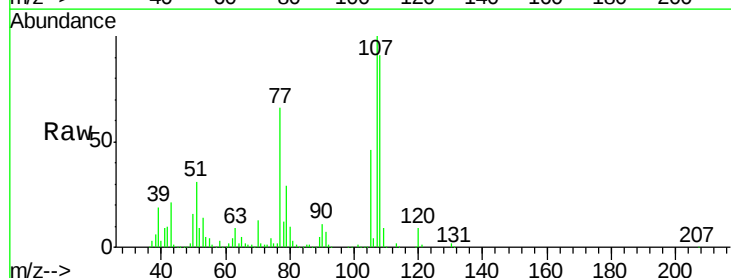
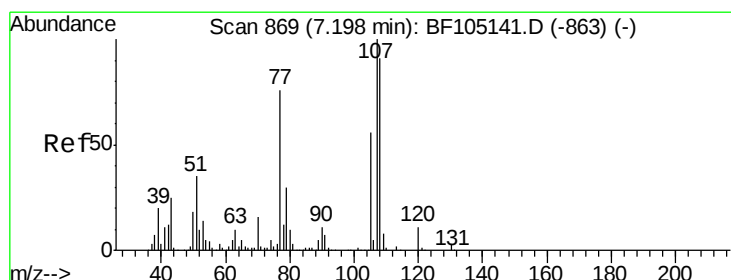
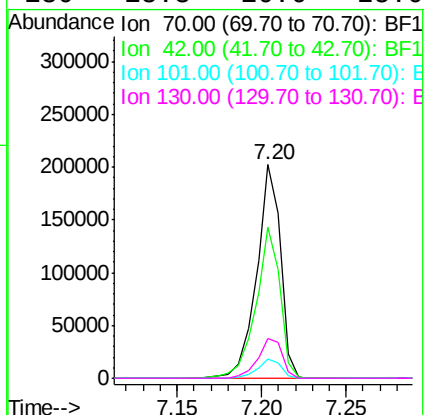
Ion Ratio Lower Upper

70 100

42 70.5 47.5 71.3

101 9.0 7.4 11.2

130 18.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 22.92 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Tgt Ion: 107 Resp: 293853

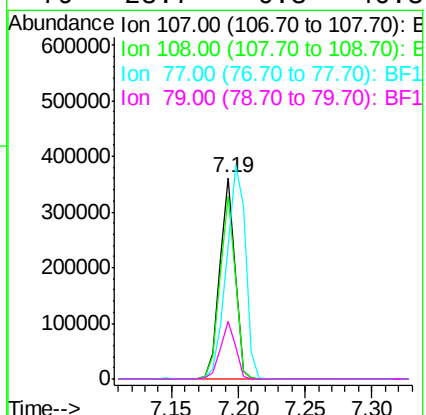
Ion Ratio Lower Upper

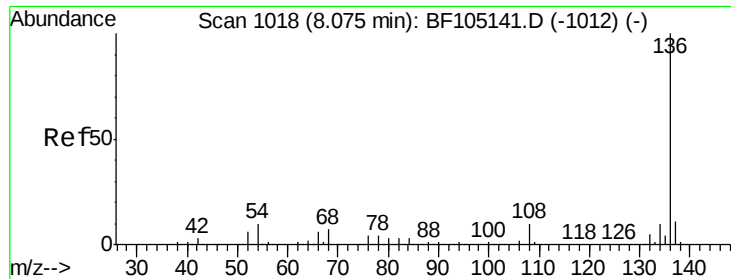
107 100

108 90.8 68.2 108.2

77 65.9 26.7 66.7

79 28.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 791342

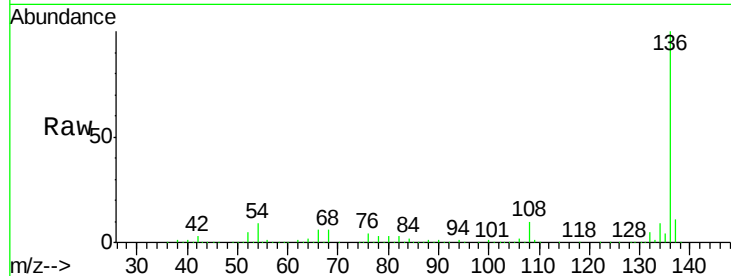
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.1 5.0 7.4

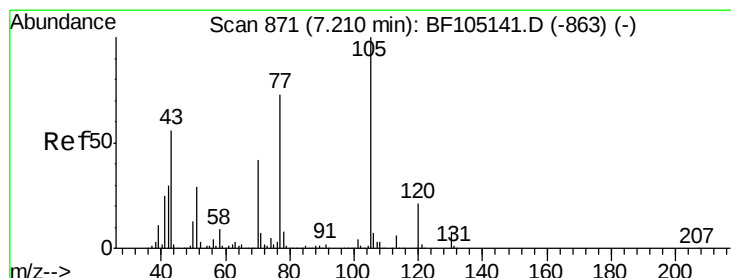
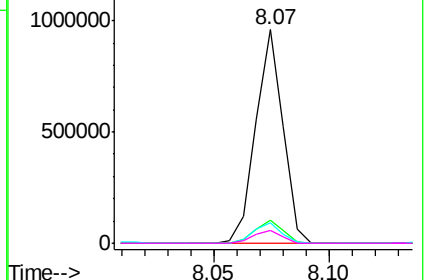
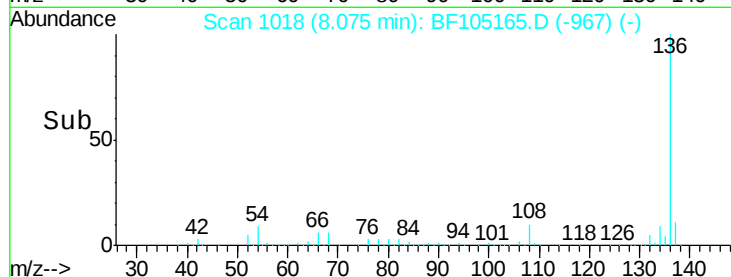


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 21.77 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Tgt Ion:105 Resp: 401494

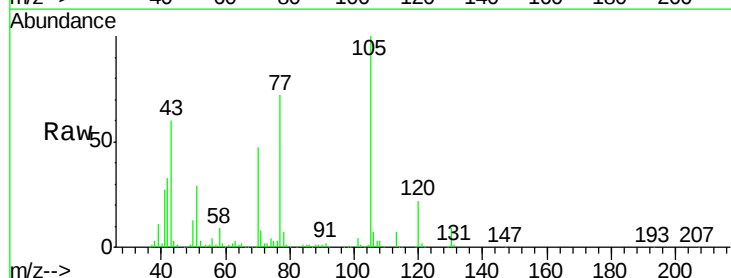
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 28.8 22.3 33.5

120 21.7 16.9 25.3

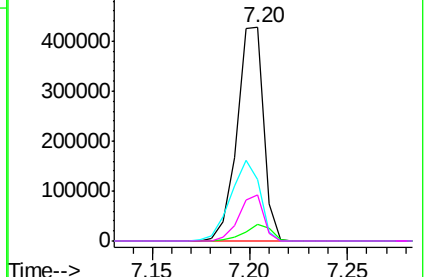
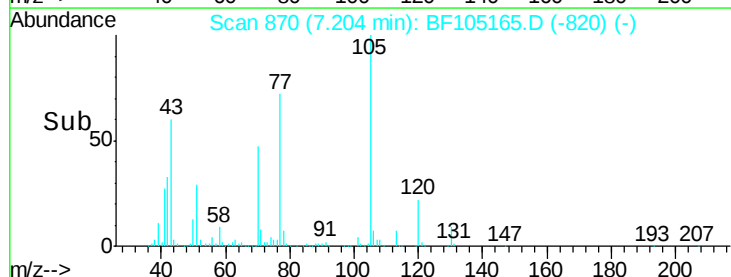


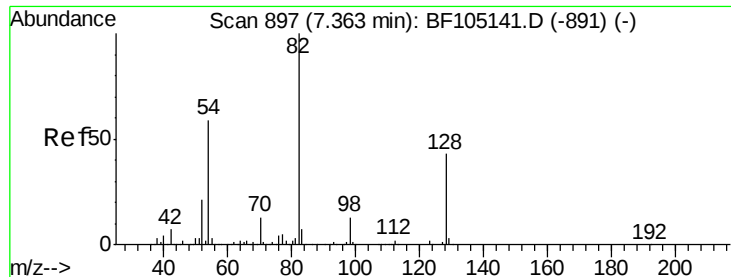
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

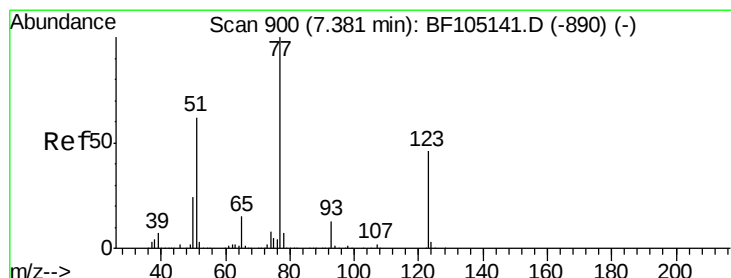
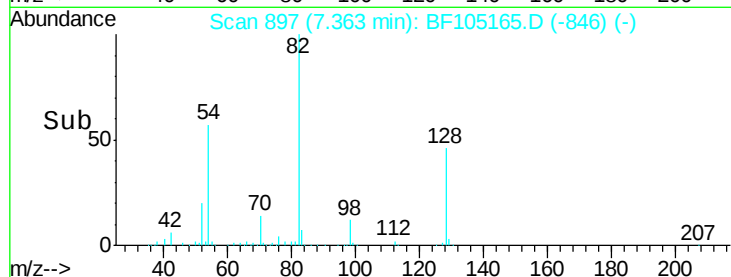
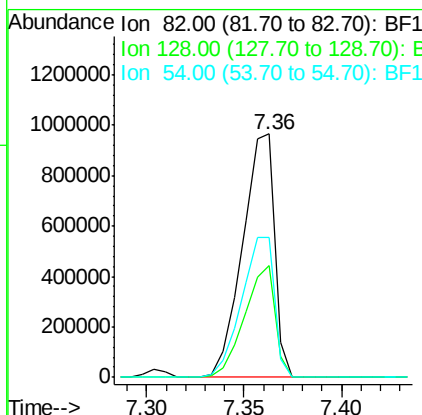
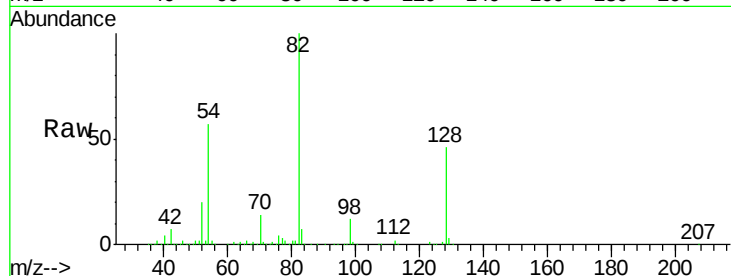




#23
Nitrobenzene-d5
Concen: 93.86 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

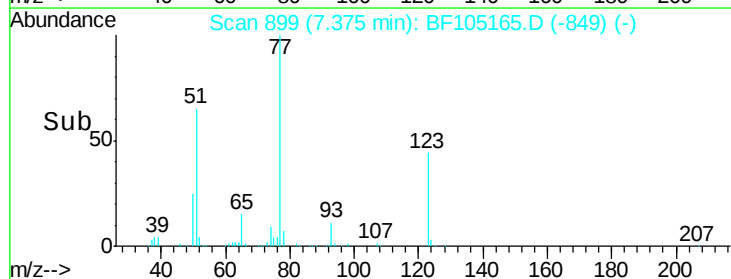
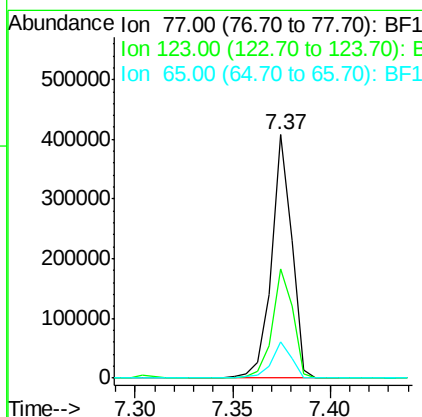
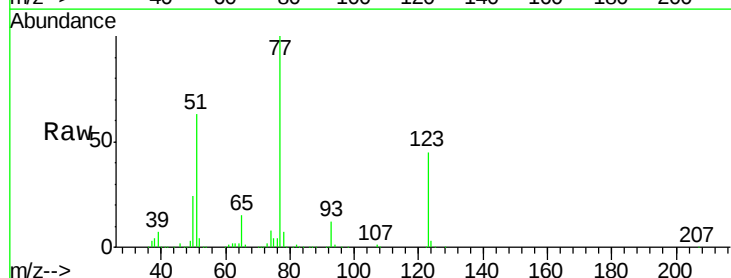
Instrument :
BNA_F
ClientSampleId :

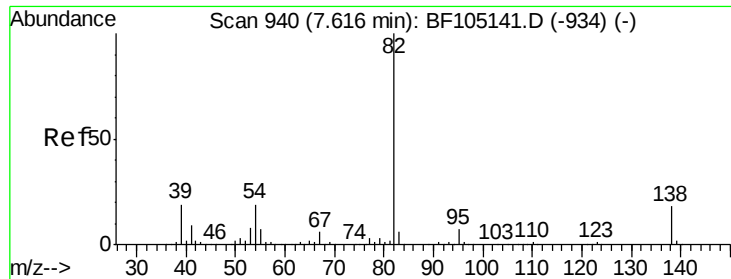
Tot Ion: 82 Resp: 1095906
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 57.4 41.4 62.2



#24
Nitrobenzene
Concen: 22.10 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion: 77 Resp: 292558
Ion Ratio Lower Upper
77 100
123 44.7 37.9 56.9
65 14.8 11.0 16.4





#25

Isophorone

Concen: 18.76 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

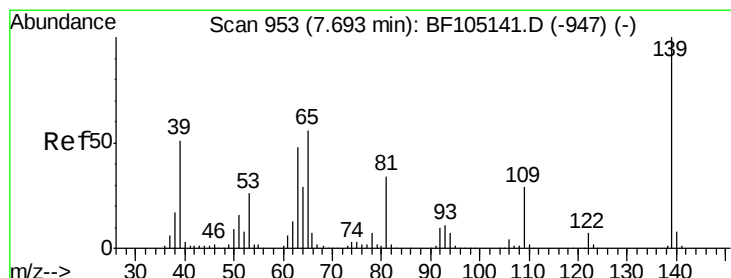
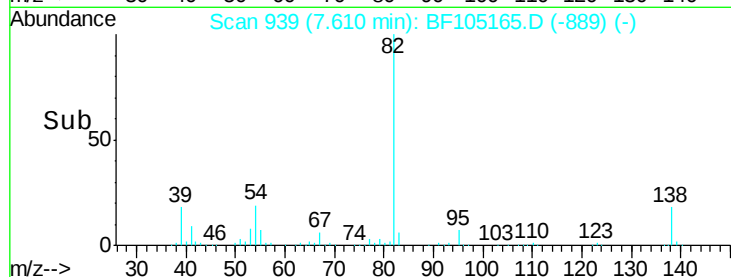
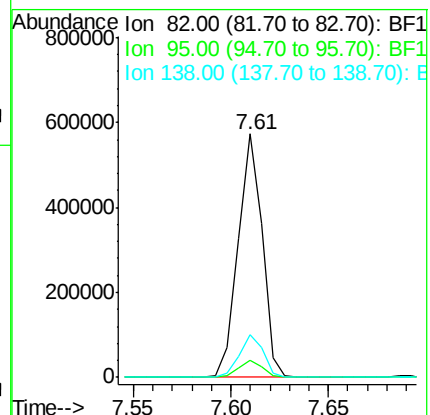
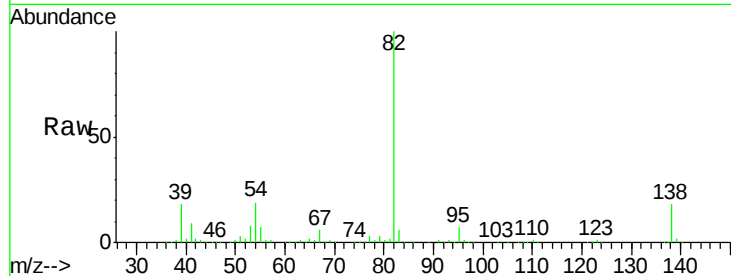
Tot Ion: 82 Resp: 489920

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 28.53 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

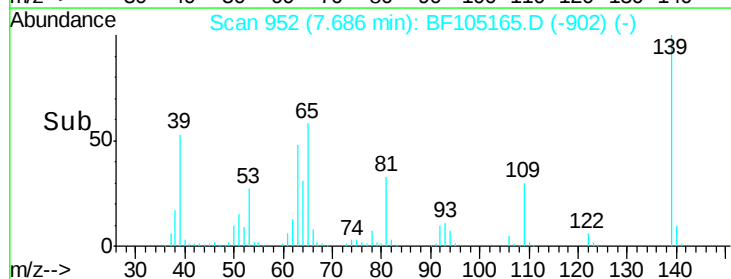
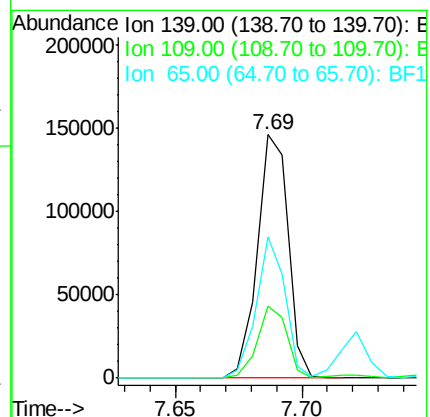
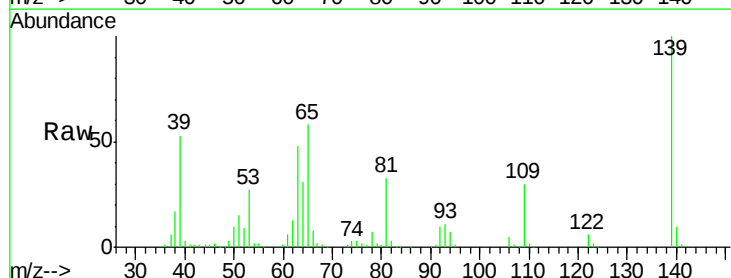
Tgt Ion: 139 Resp: 124232

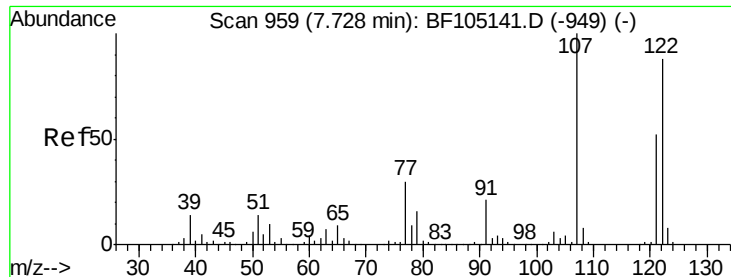
Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

65 57.9 40.5 60.7

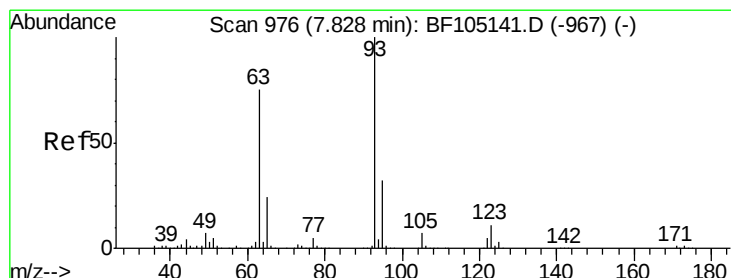
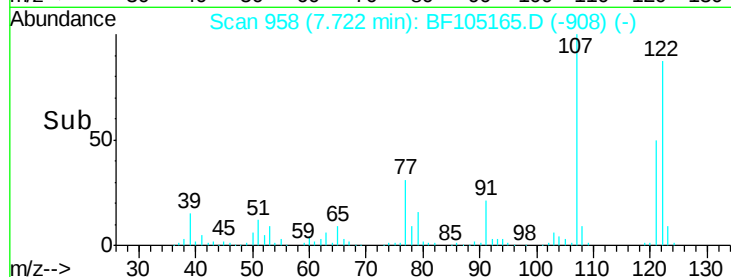
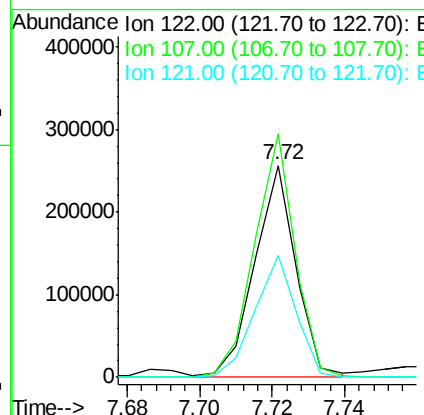
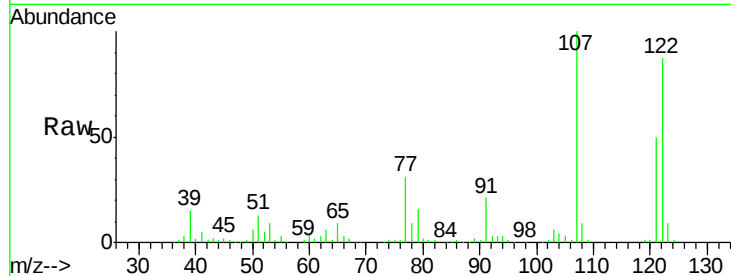




#27
 2,4-Dimethylphenol
 Concen: 17.34 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

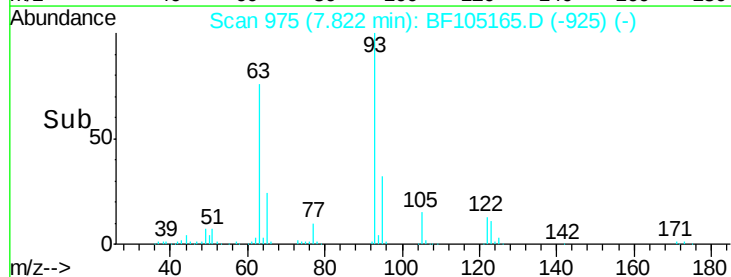
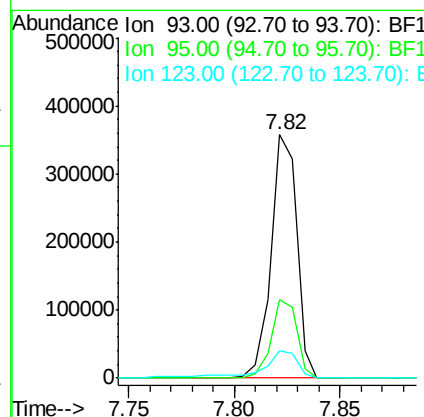
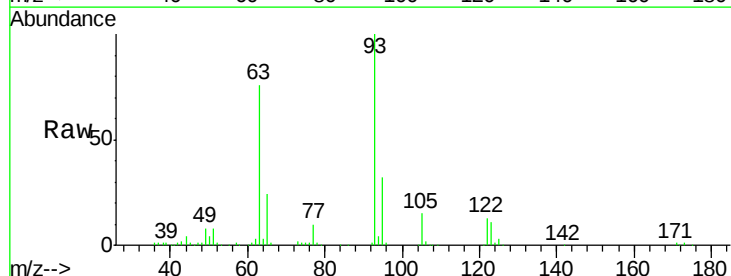
Instrument :
 BNA_F
 ClientSampleId :

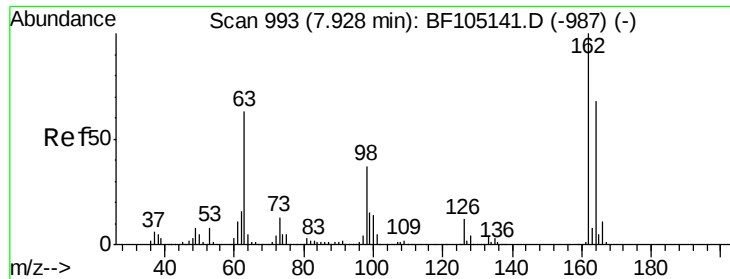
Tot Ion: 122 Resp: 201165
 Ion Ratio Lower Upper
 122 100
 107 114.7 91.2 136.8
 121 57.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.83 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion: 93 Resp: 303415
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.4 9.8 14.6

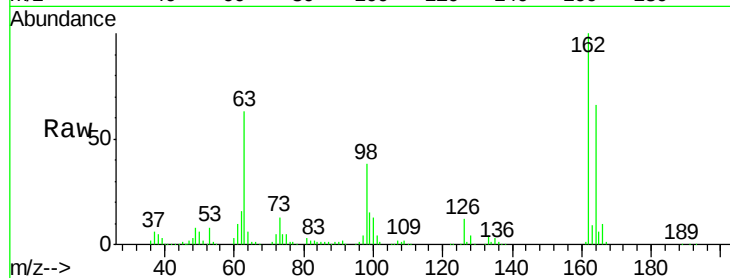




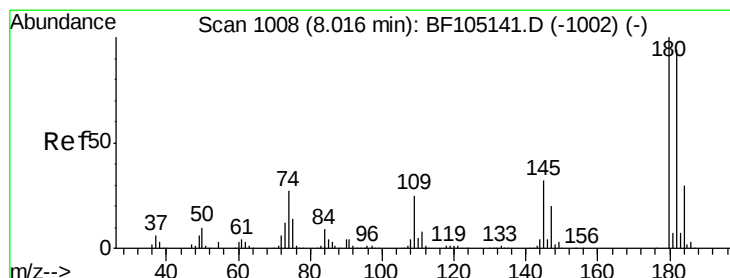
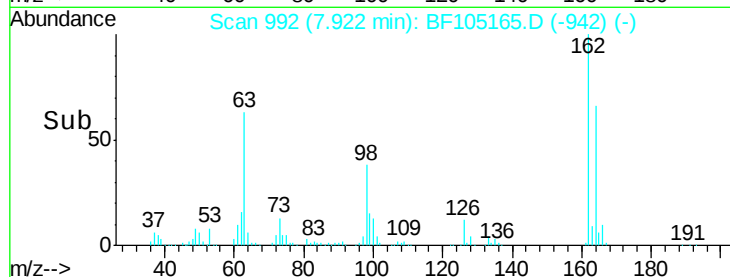
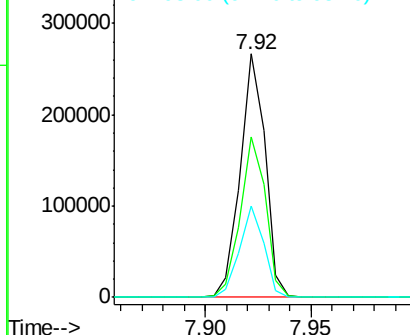
#29
 2,4-Dichlorophenol
 Concen: 20.12 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.7	82.7
98	37.7	18.1	58.1

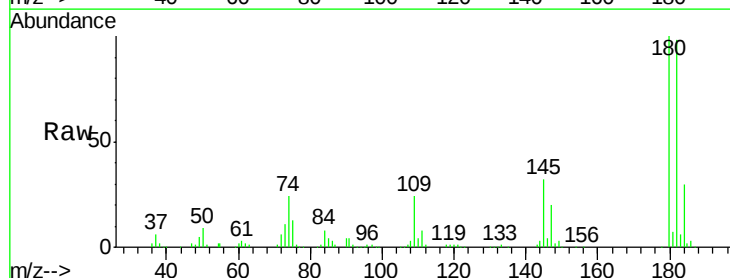


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

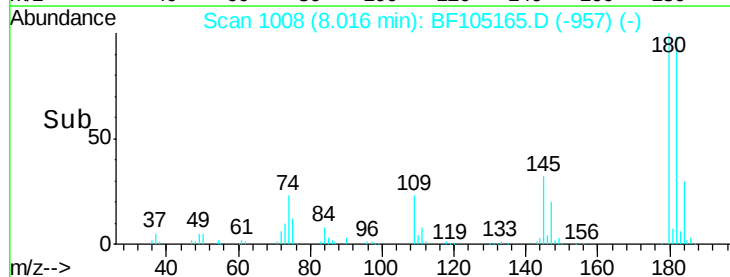
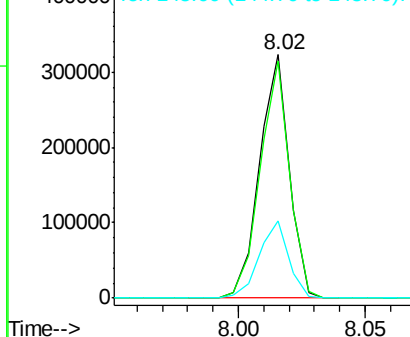


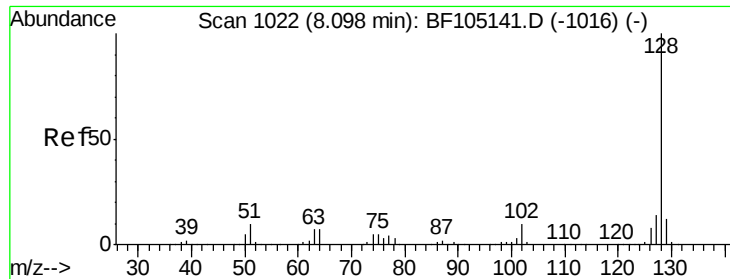
#30
 1,2,4-Trichlorobenzene
 Concen: 20.95 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	31.9	26.5	39.7



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

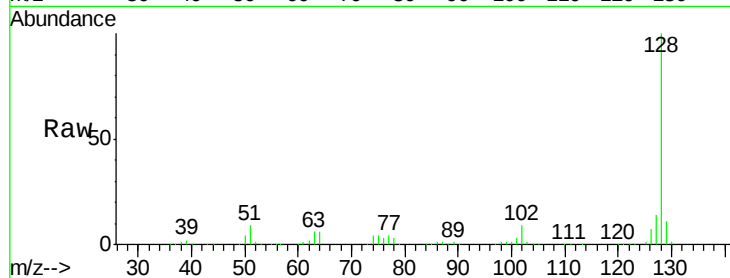




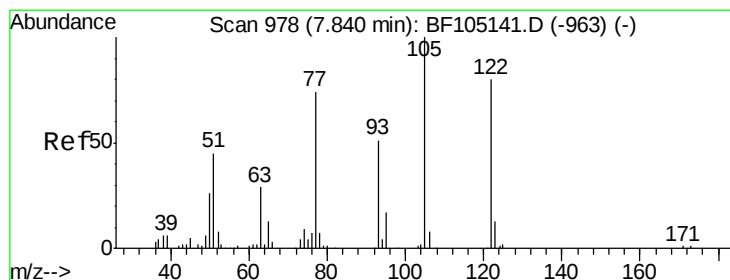
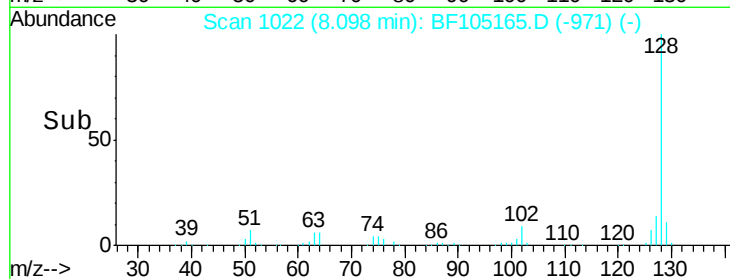
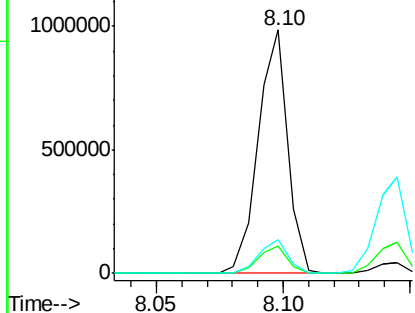
#31
Naphthalene
Concen: 20.85 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 794367
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.9 16.3

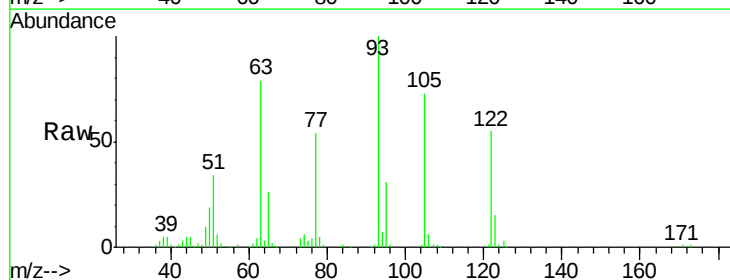


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

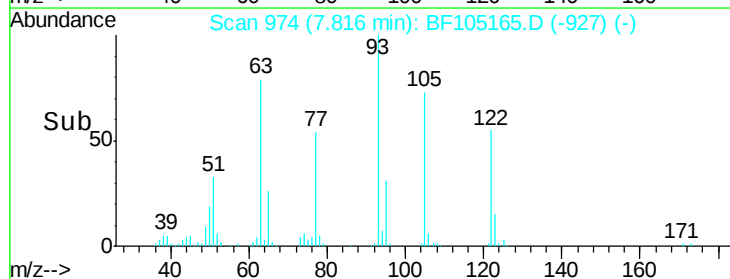
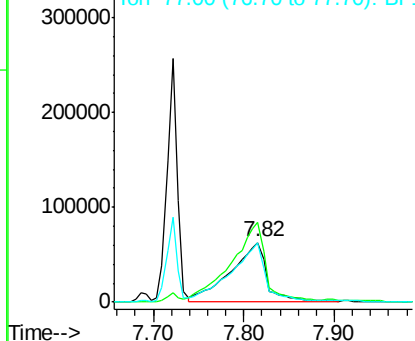


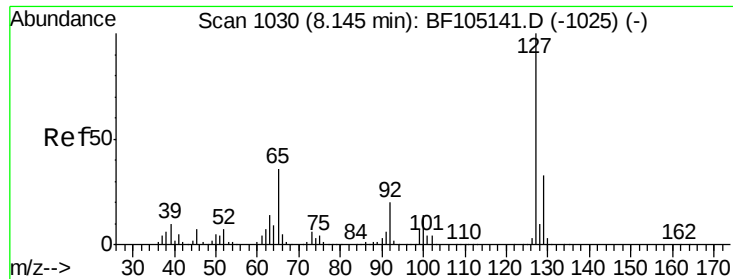
#32
Benzoic acid
Concen: 31.23 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:122 Resp: 172456
Ion Ratio Lower Upper
122 100
105 132.8 101.1 141.1
77 98.2 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

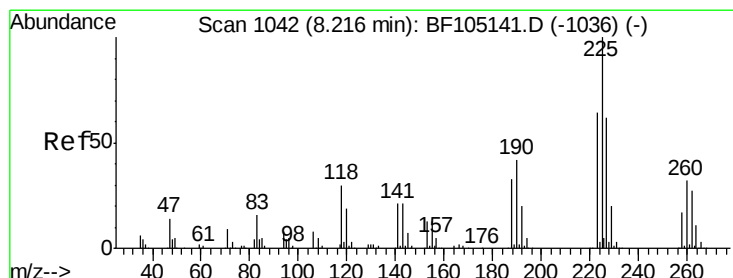
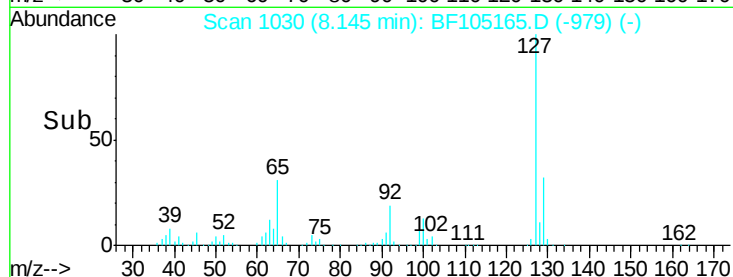
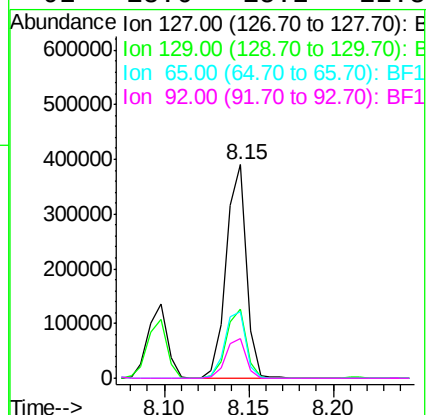
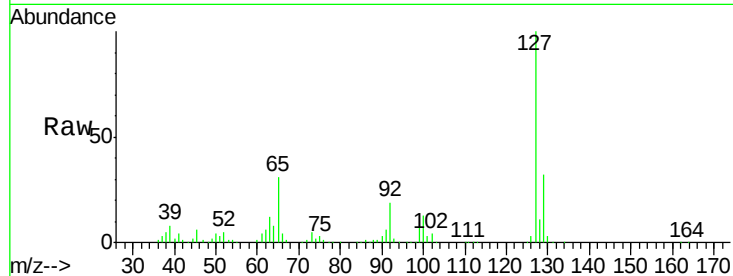




#33
4-Chloroaniline
Concen: 20.40 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

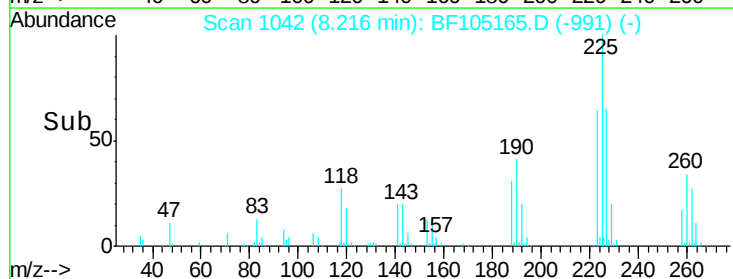
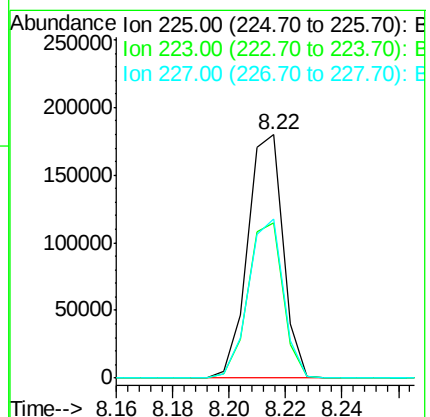
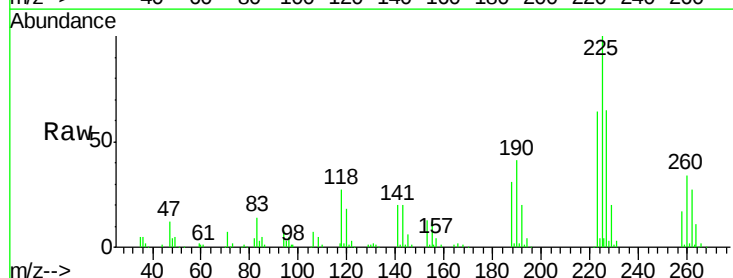
Instrument :
BNA_F
ClientSampleId :

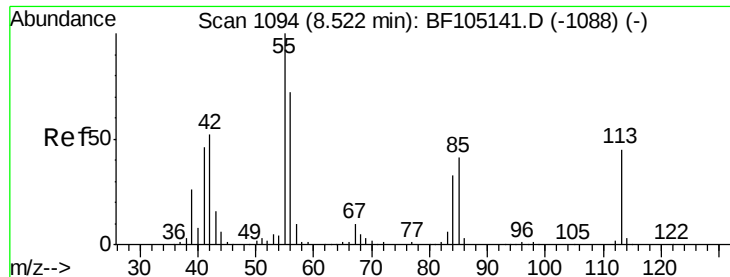
Tot Ion:	127	Resp:	323271
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.3	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 21.64 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:	225	Resp:	156927
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.3	51.9	77.9





#35

Caprolactam

Concen: 20.55 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

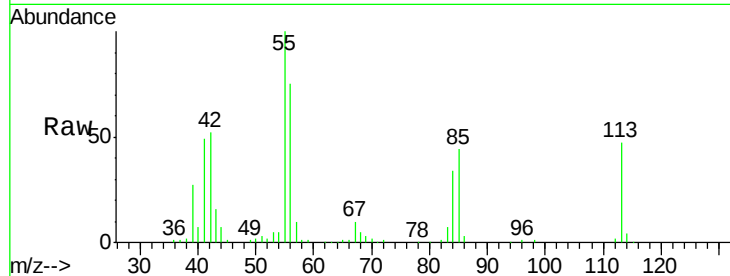
Tot Ion:113 Resp: 67739

Ion Ratio Lower Upper

113 100

55 212.4 163.3 203.3#

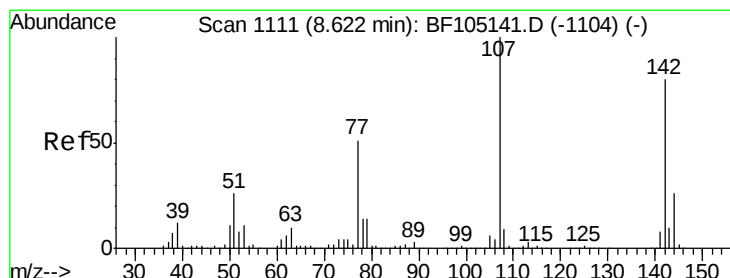
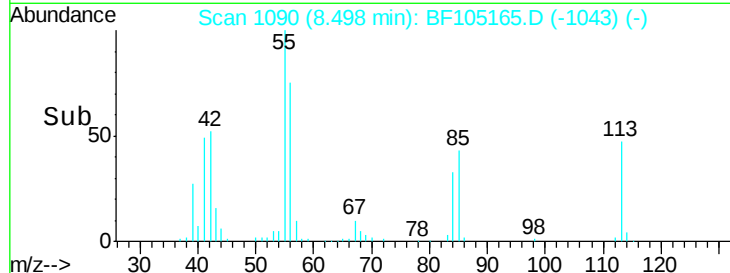
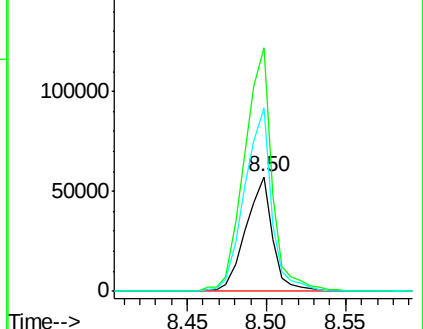
56 160.2 115.7 155.7#



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: 19.83 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

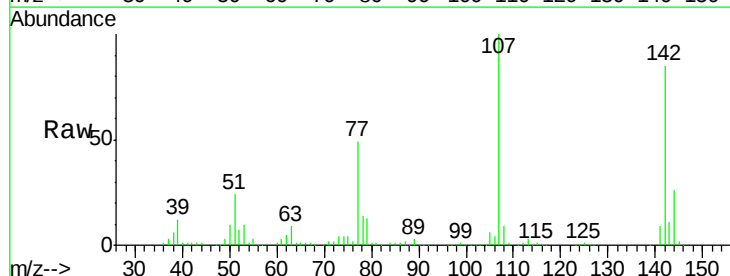
Tgt Ion:107 Resp: 224090

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

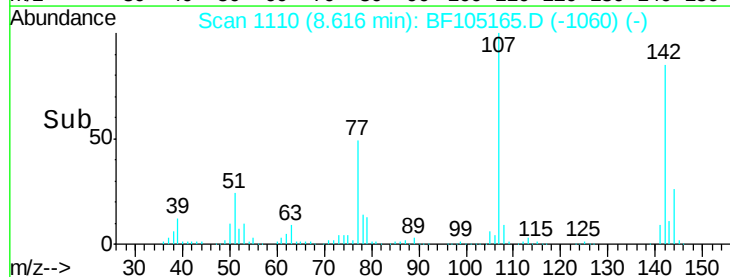
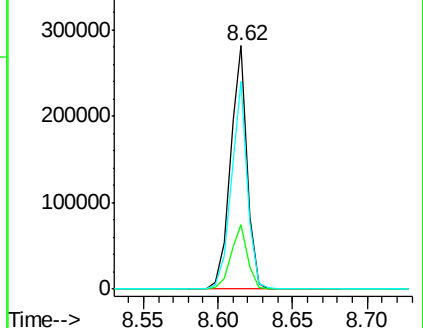
142 85.5 62.0 93.0

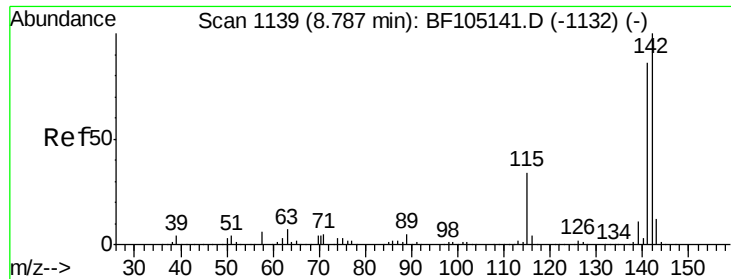


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

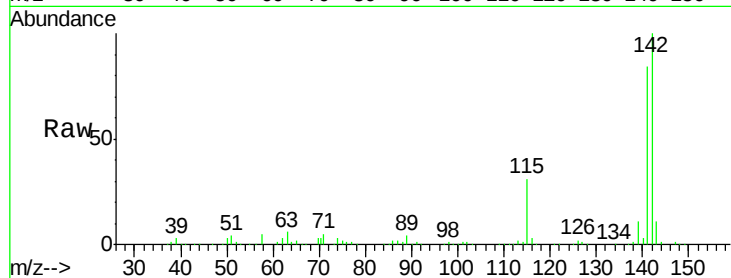




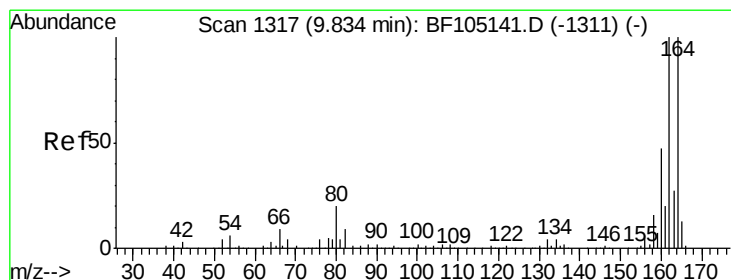
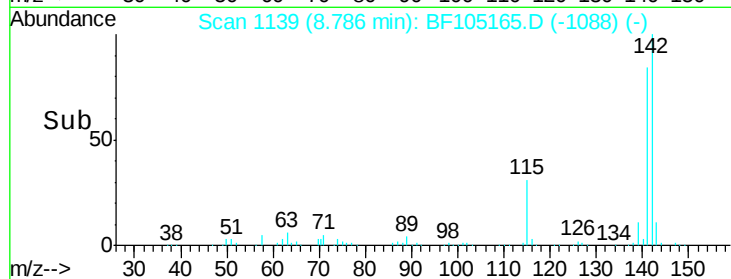
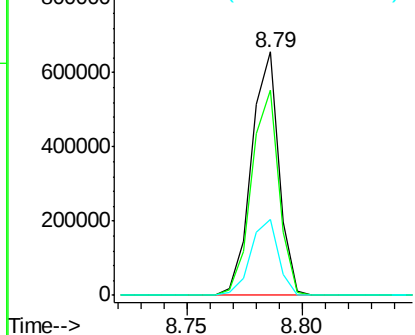
#37
2-Methylnaphthalene
Concen: 20.51 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 544723
Ion Ratio Lower Upper
142 100
141 84.4 70.8 106.2
115 31.2 26.1 39.1

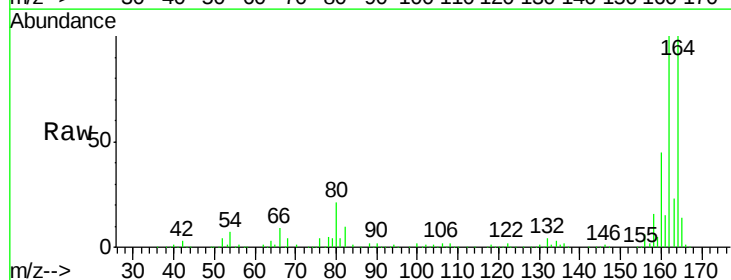


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

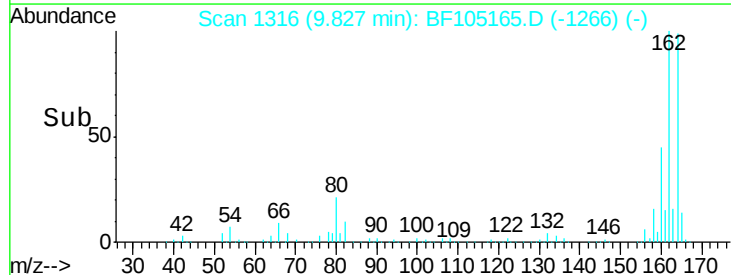
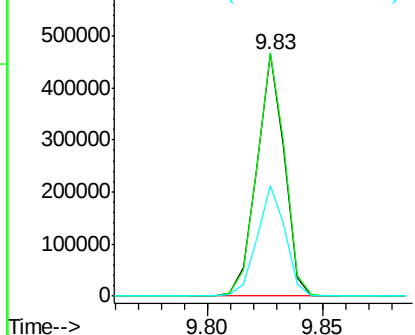


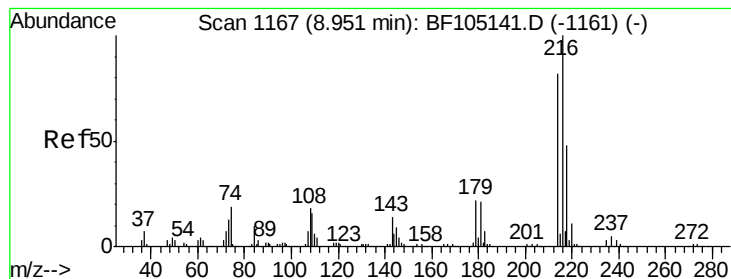
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:164 Resp: 385189
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.38 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 262101

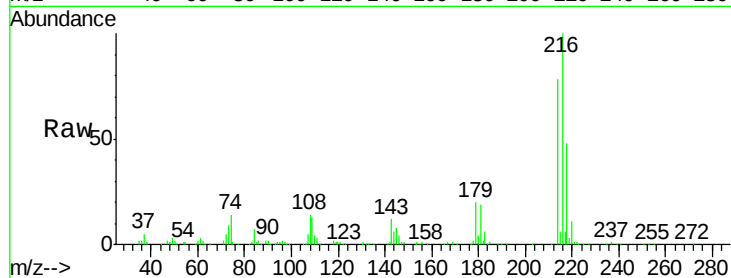
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.1 18.1 27.1

108 17.8 17.2 25.8

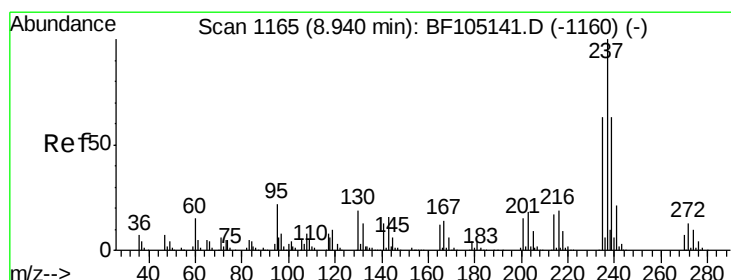
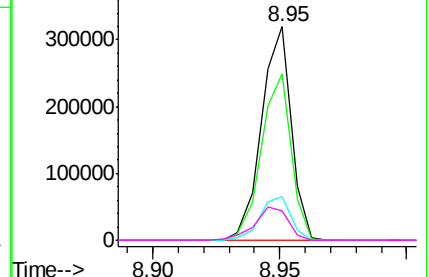
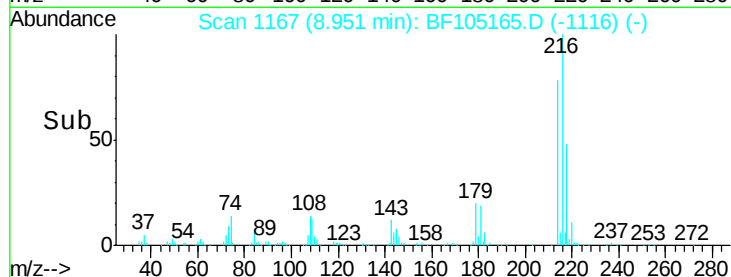


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 20.31 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

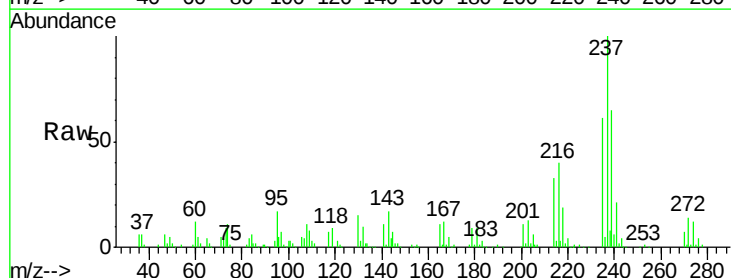
Tgt Ion:237 Resp: 134632

Ion Ratio Lower Upper

237 100

235 61.2 44.8 84.8

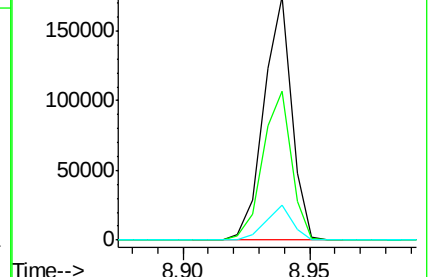
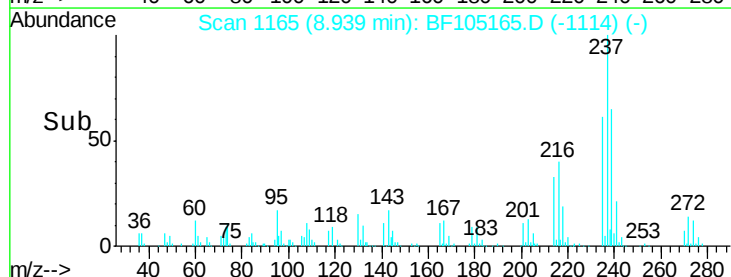
272 14.3 0.0 33.3

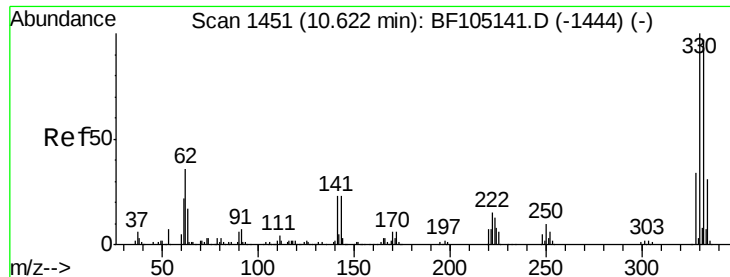


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

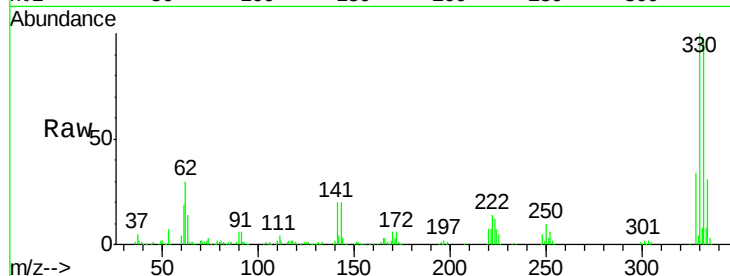




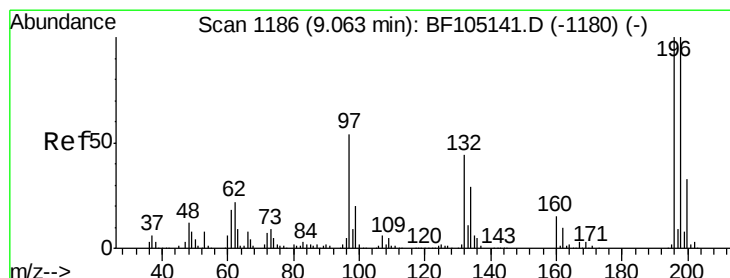
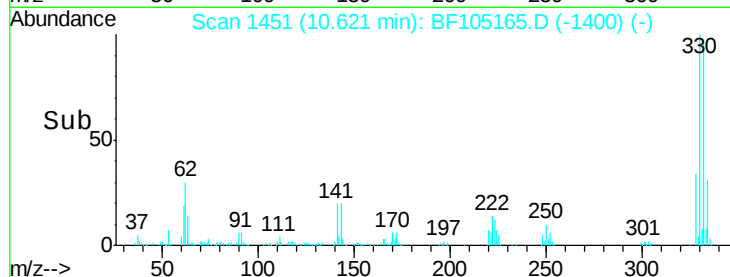
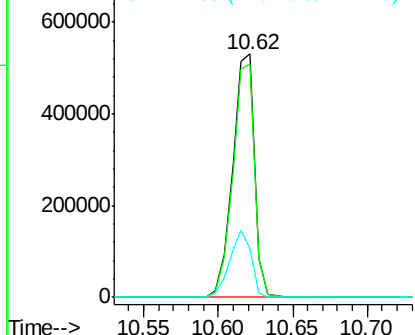
#41
 2,4,6-Tribromophenol
 Concen: 128.54 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.3	29.9	44.9

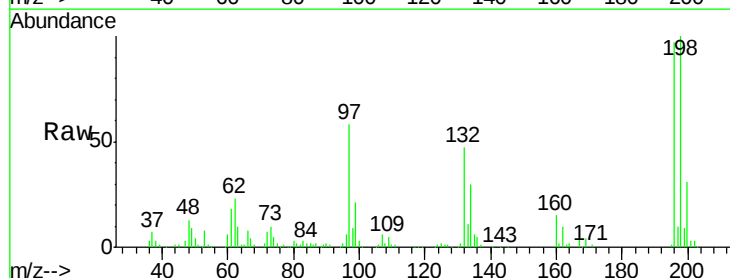


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

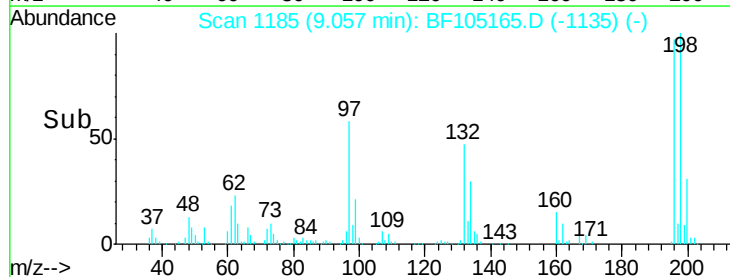
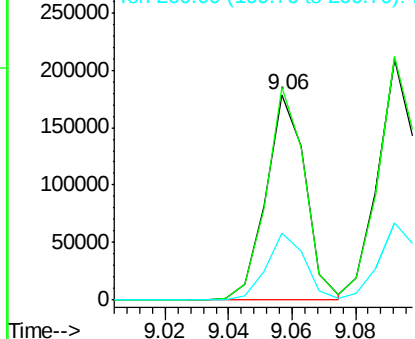


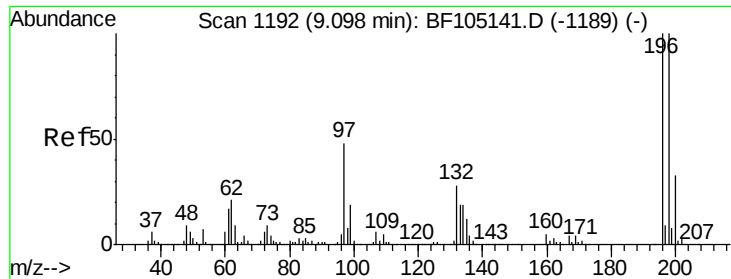
#42
 2,4,6-Trichlorophenol
 Concen: 20.62 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	75.7	113.5
200	32.4	24.5	36.7



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

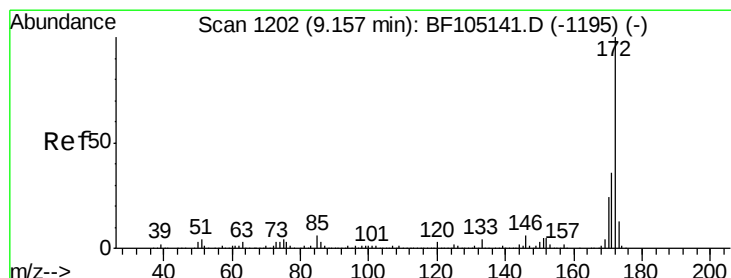
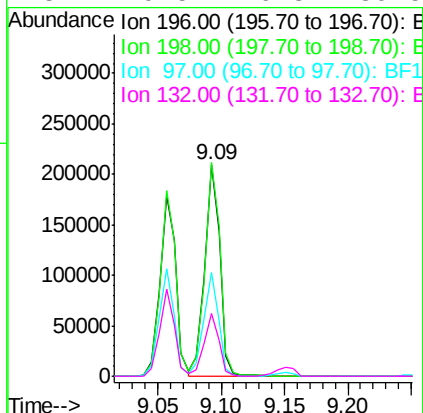
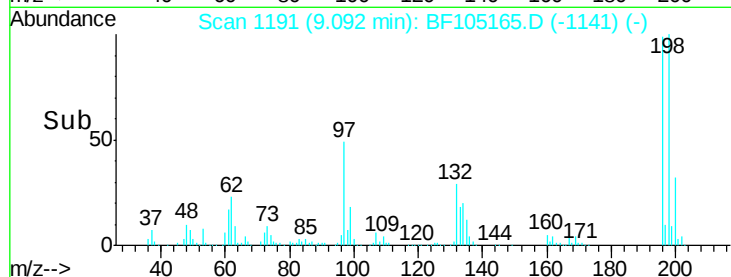
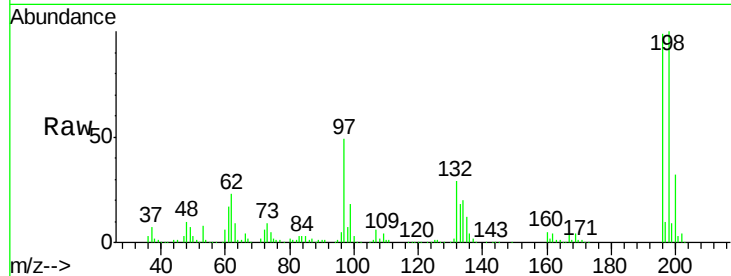




#43
 2,4,5-Trichlorophenol
 Concen: 22.48 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

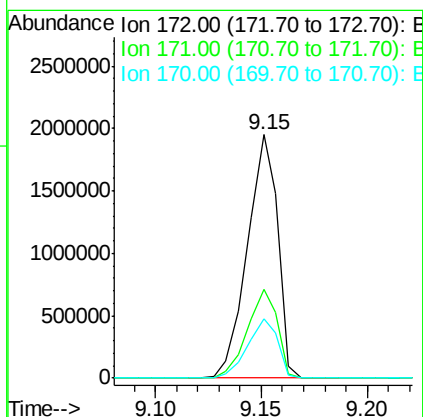
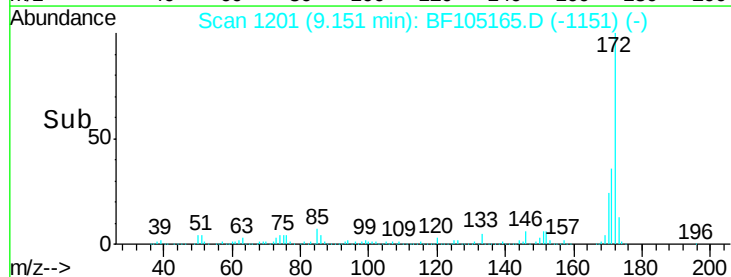
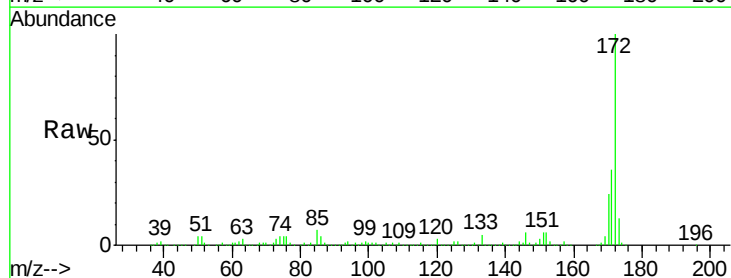
Instrument :
 BNA_F
 ClientSampleId :

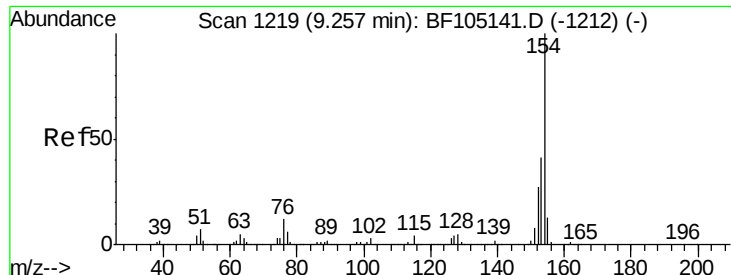
Tot Ion:196 Resp: 175651
 Ion Ratio Lower Upper
 196 100
 198 101.1 74.6 112.0
 97 49.4 42.9 64.3
 132 29.5 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 78.26 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion:172 Resp: 1942161
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4

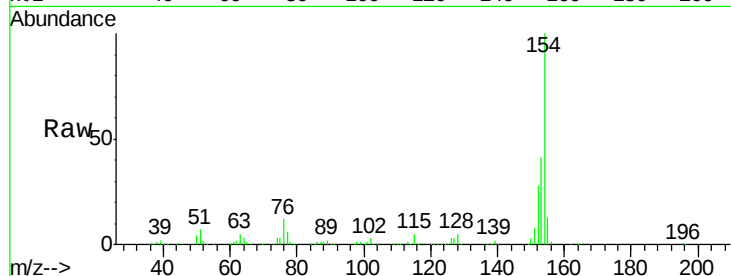




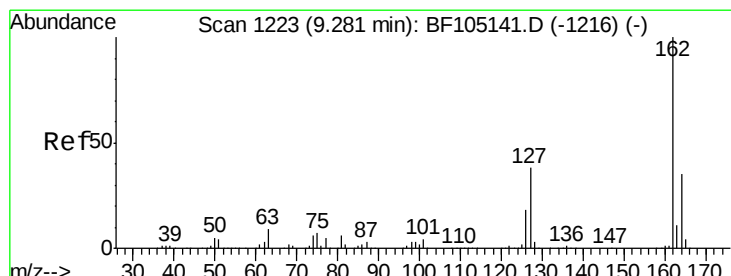
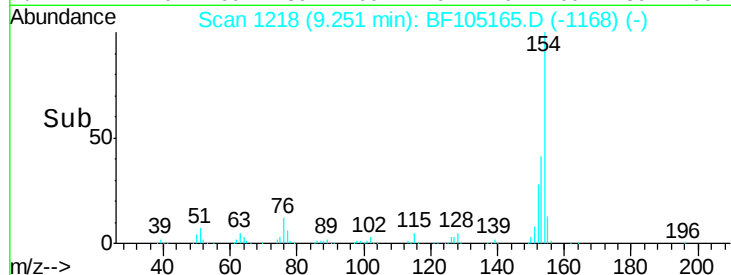
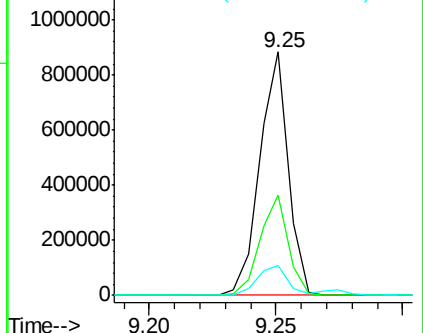
#45
 1,1'-Biphenyl
 Concen: 21.92 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 687980
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 12.4 0.0 34.0

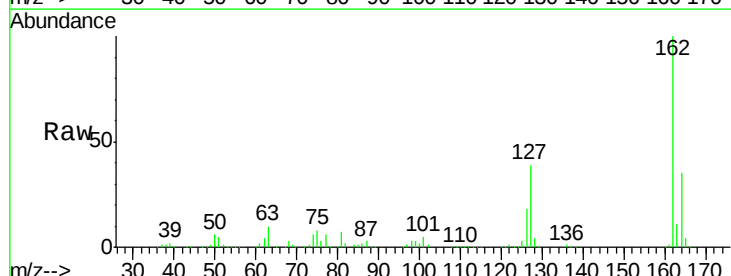


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

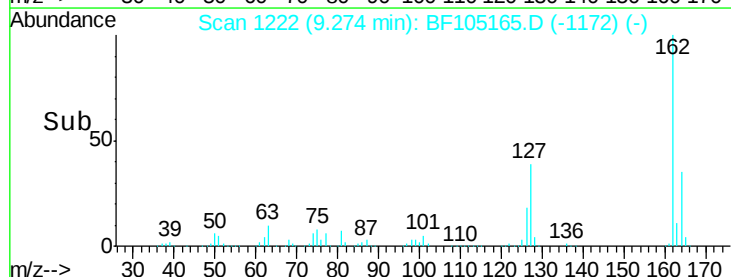
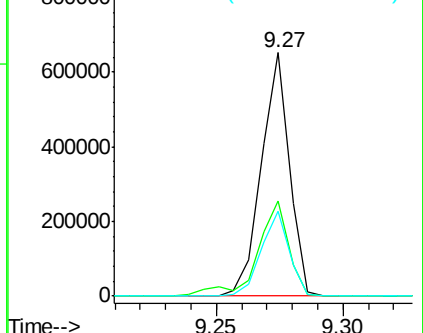


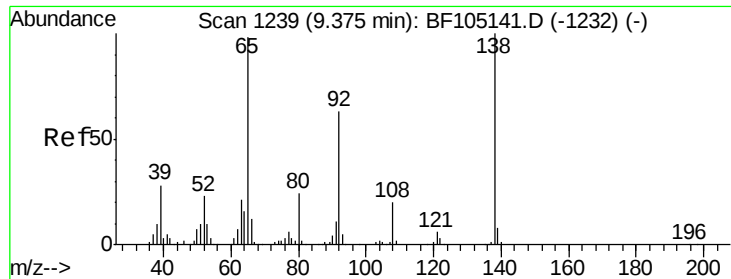
#46
 2-Chloronaphthalene
 Concen: 21.58 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion:162 Resp: 506300
 Ion Ratio Lower Upper
 162 100
 127 38.9 33.9 50.9
 164 35.1 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

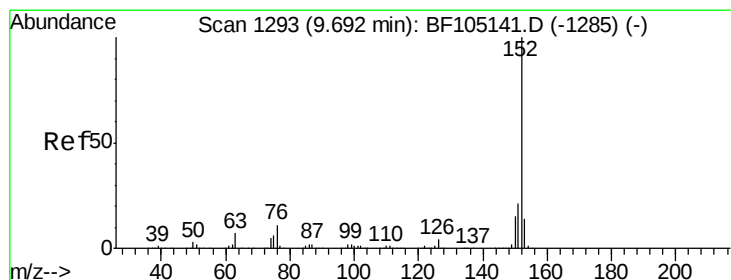
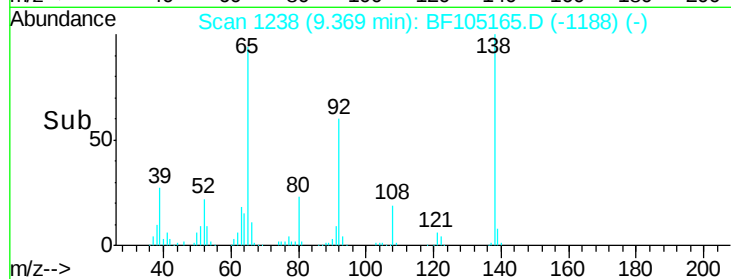
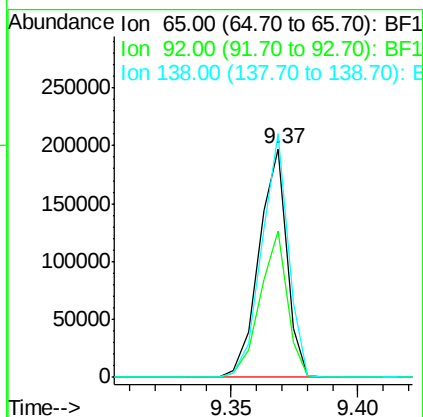
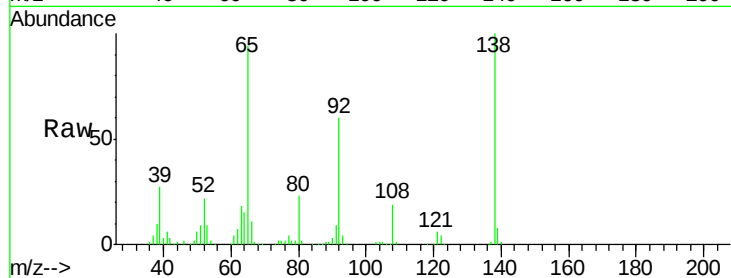




#47
2-Nitroaniline
Concen: 25.59 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

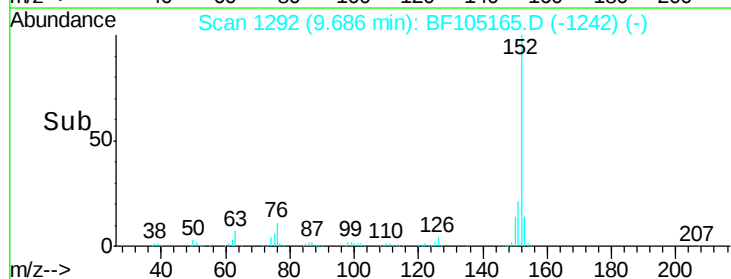
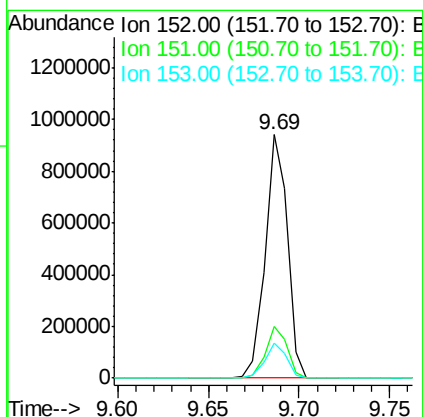
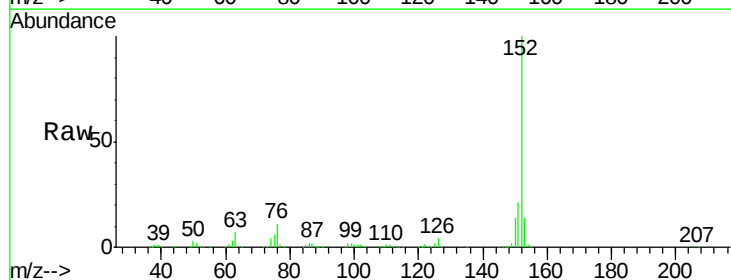
Instrument :
BNA_F
ClientSampleId :

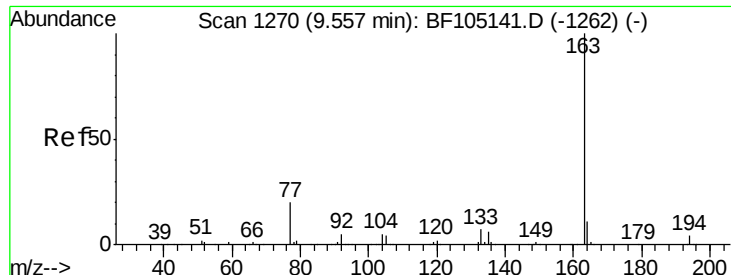
Tot Ion: 65 Resp: 152048
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 106.4 91.2 136.8



#48
Acenaphthylene
Concen: 22.09 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion: 152 Resp: 800419
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 14.2 10.7 16.1

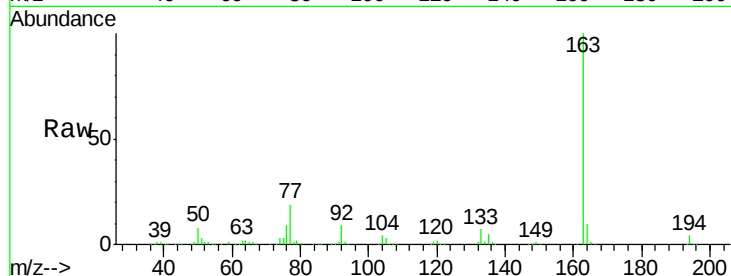




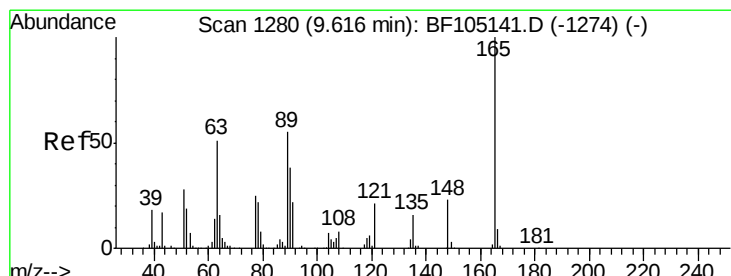
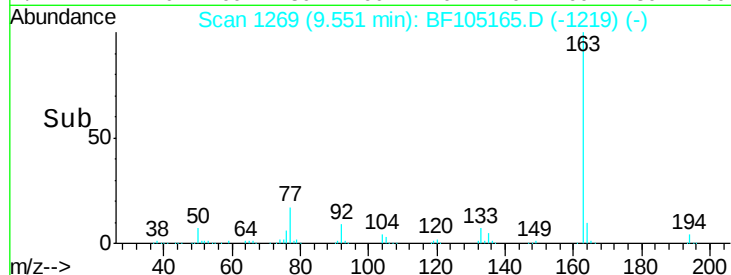
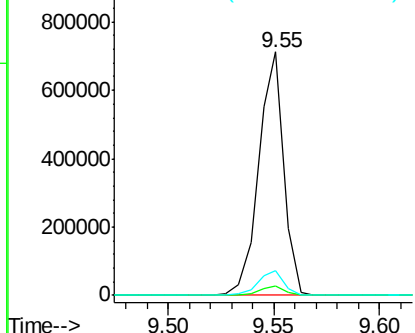
#49
Dimethylphthalate
Concen: 22.46 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 585798
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

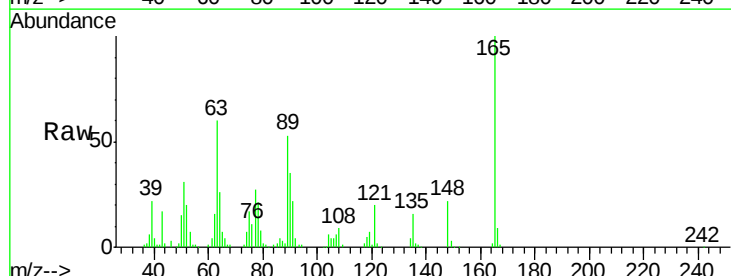


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

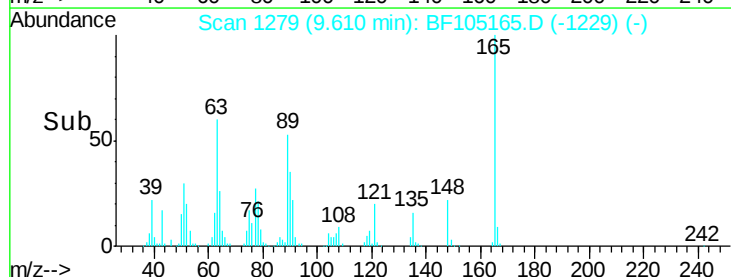
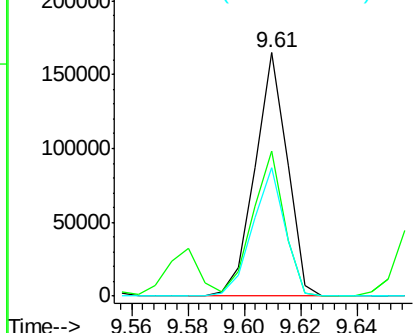


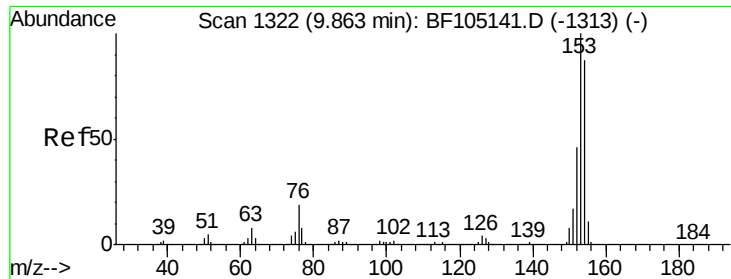
#50
2,6-Dinitrotoluene
Concen: 23.06 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:165 Resp: 130469
Ion Ratio Lower Upper
165 100
63 59.5 44.7 67.1
89 52.8 44.0 66.0



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





#51

Acenaphthene

Concen: 22.19 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

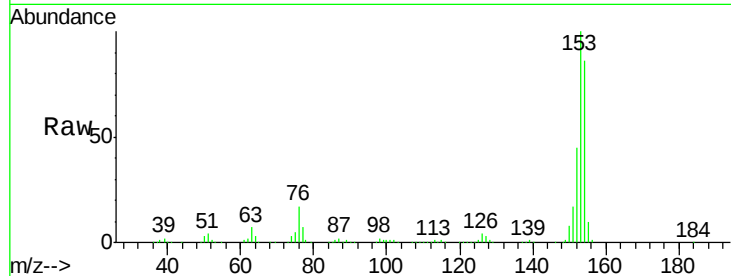
Tot Ion:154 Resp: 518021

Ion Ratio Lower Upper

154 100

153 115.8 91.2 136.8

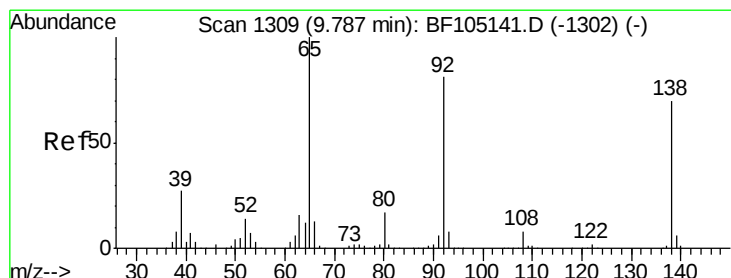
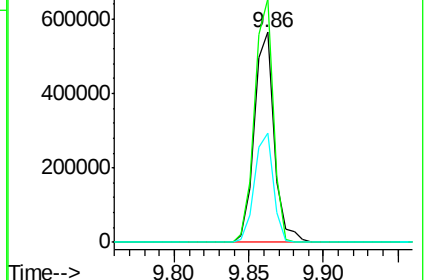
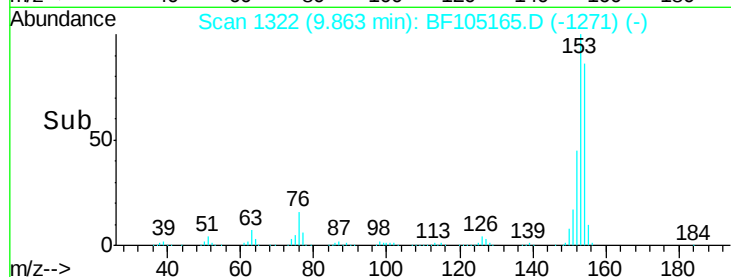
152 52.3 43.8 65.8



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: 23.18 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

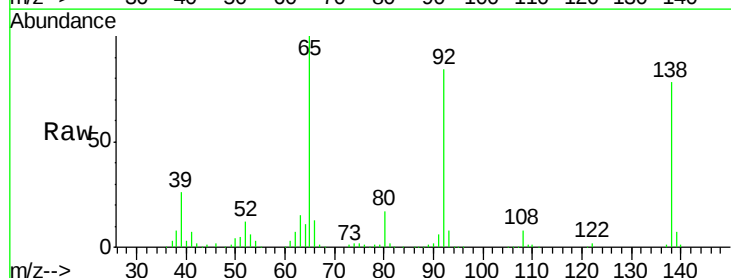
Tgt Ion:138 Resp: 138153

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

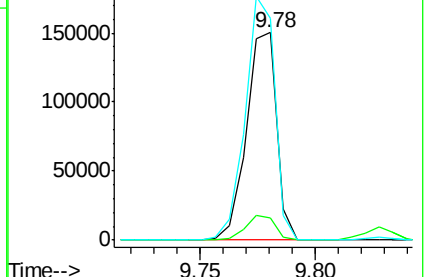
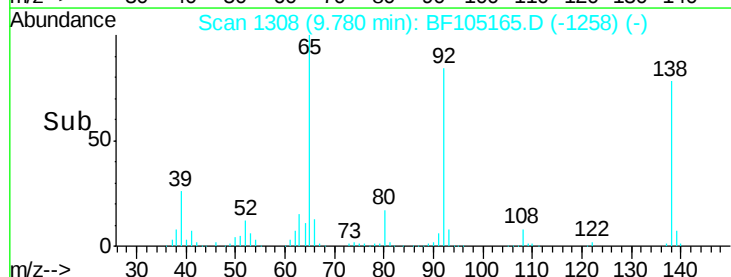
92 107.3 89.4 134.2

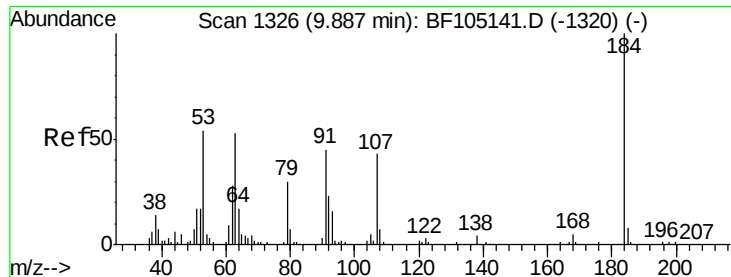


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

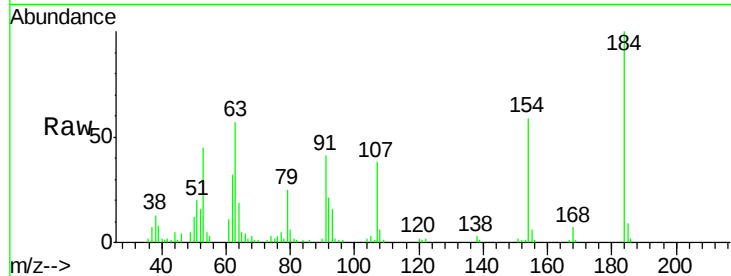




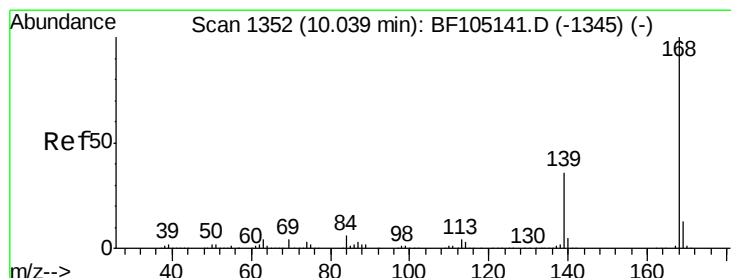
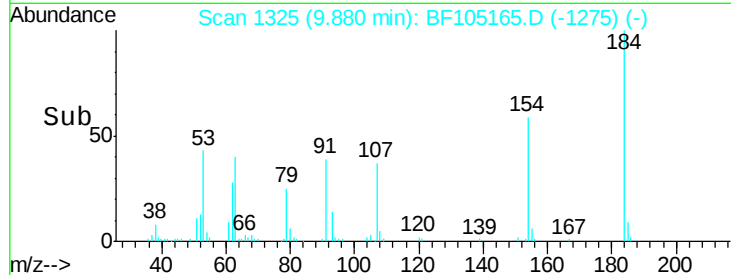
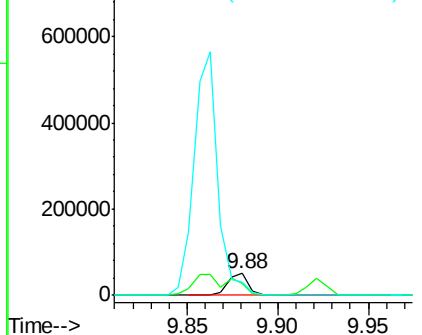
#53
 2,4-Dinitrophenol
 Concen: 31.06 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 41086
 Ion Ratio Lower Upper
 184 100
 63 57.3 54.2 81.2
 154 59.3 184.0 276.0#

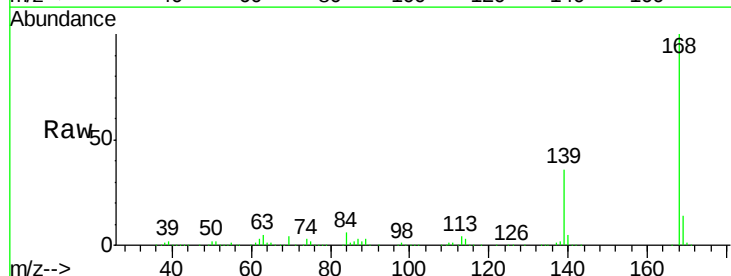


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

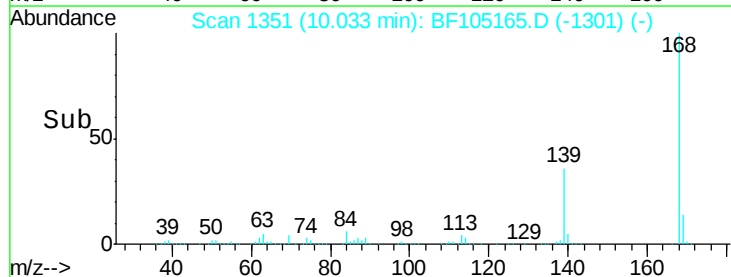
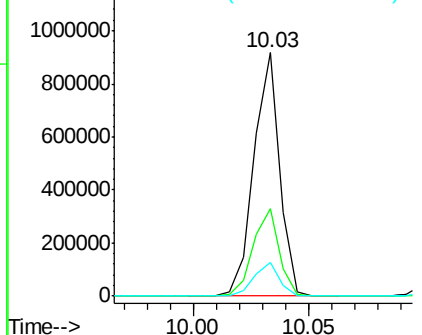


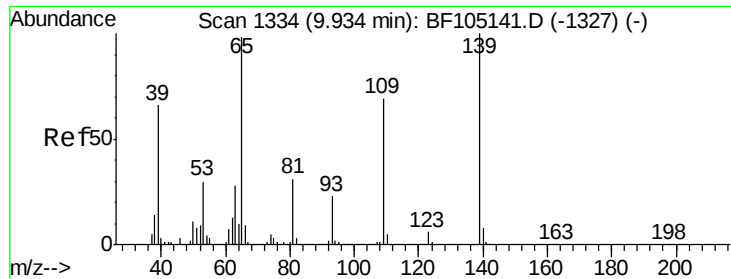
#54
 Dibenzofuran
 Concen: 20.94 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion:168 Resp: 715179
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.1 45.1
 169 13.6 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

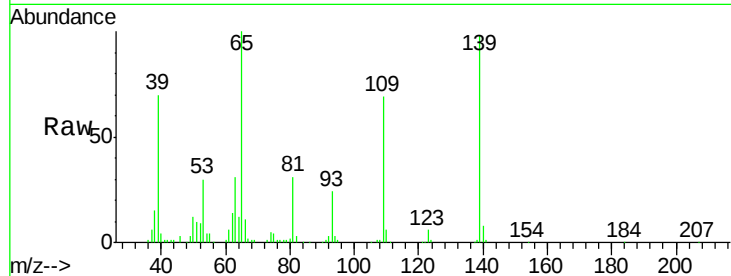




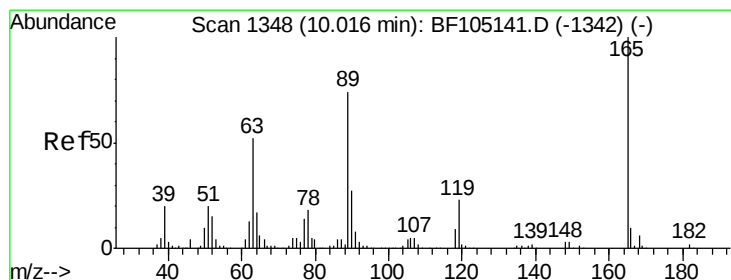
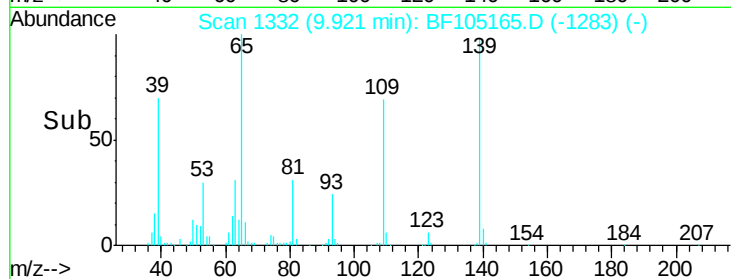
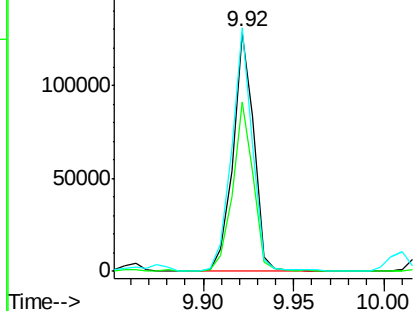
#55
4-Nitrophenol
Concen: 22.37 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 102408
Ion Ratio Lower Upper
139 100
109 70.9 48.4 88.4
65 102.0 72.6 112.6

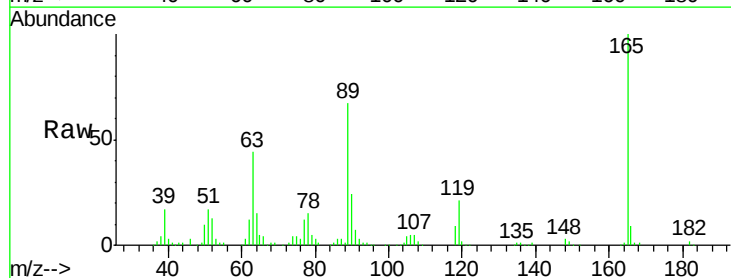


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

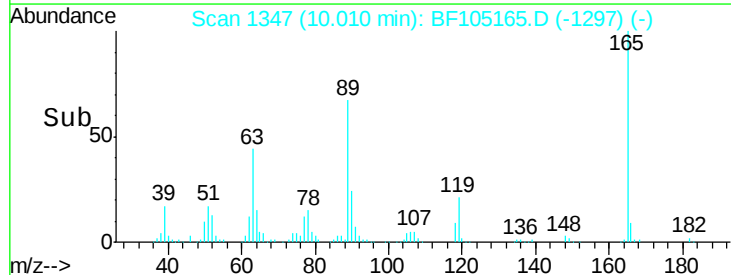
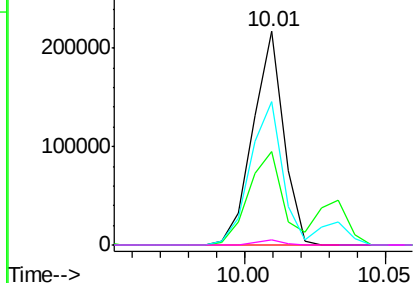


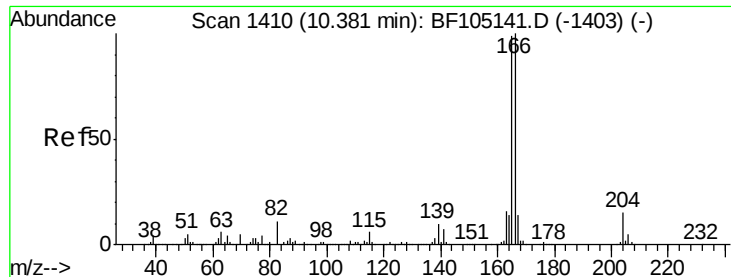
#56
2,4-Dinitrotoluene
Concen: 23.71 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:165 Resp: 163552
Ion Ratio Lower Upper
165 100
63 43.6 36.4 54.6
89 67.0 57.8 86.6
182 2.1 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: 21.68 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

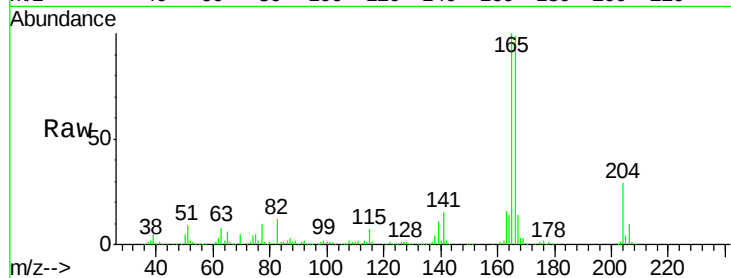
Tot Ion:166 Resp: 543033

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

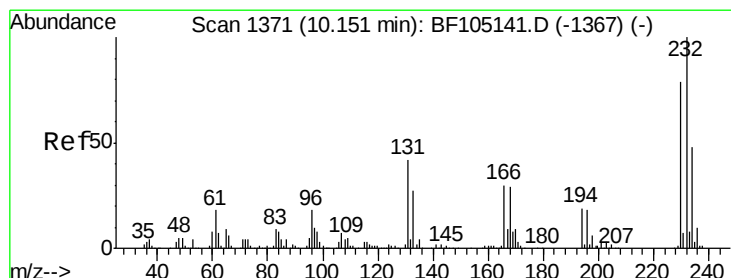
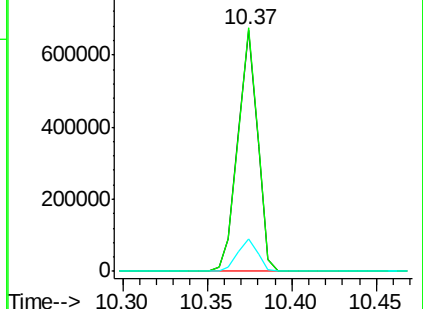
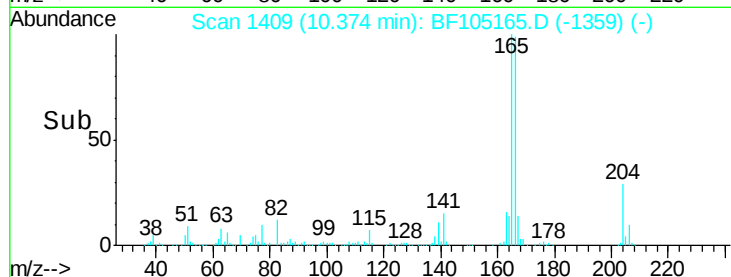
167 13.6 10.6 16.0



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: 19.94 ng

RT: 10.14 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Tgt Ion:232 Resp: 139046

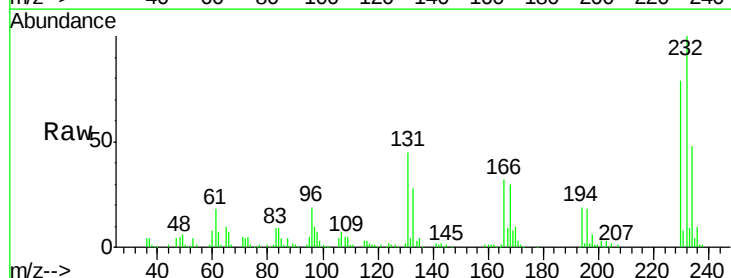
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.2 2.1 3.1

166 30.3 27.8 41.6

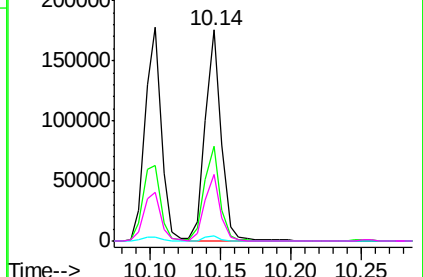
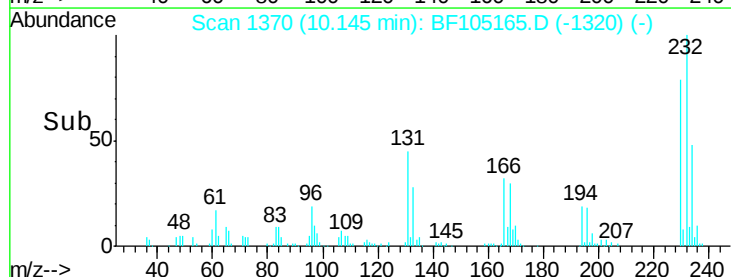


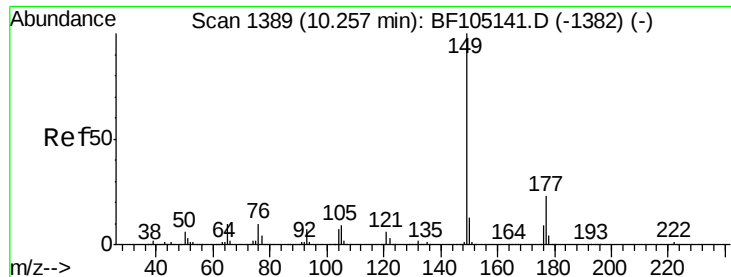
Abundance Ion 232.00 (231.70 to 232.70): E

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

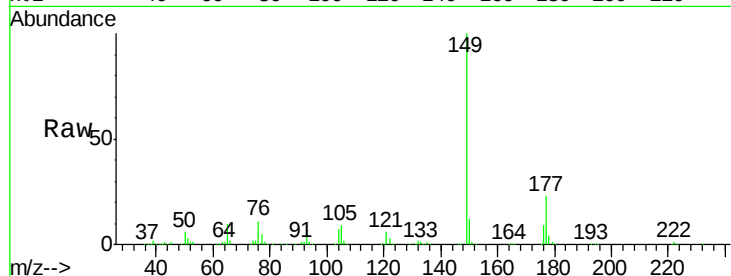




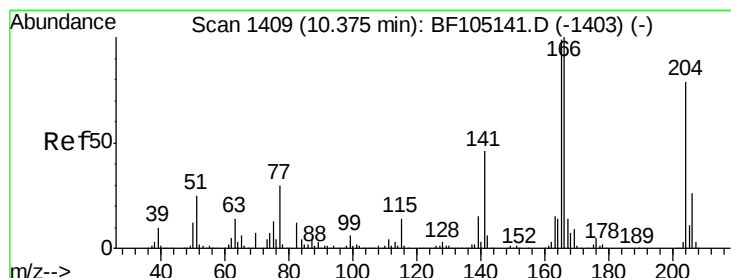
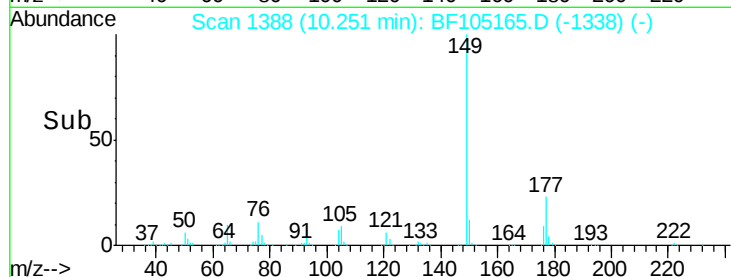
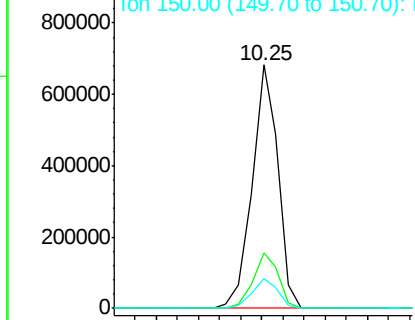
#59
Diethylphthalate
Concen: 22.50 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 576690
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.5 10.1 15.1

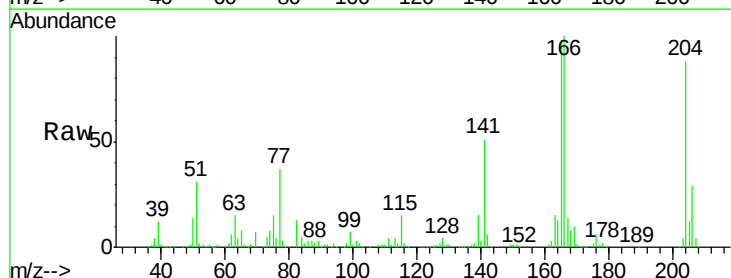


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

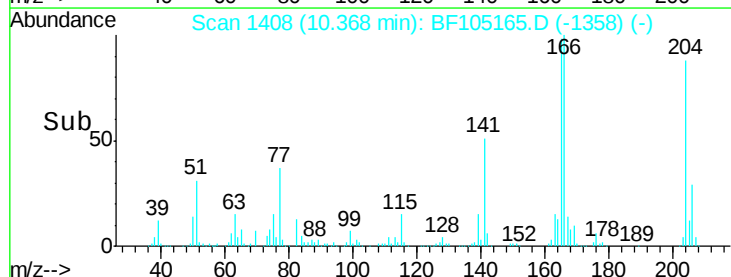
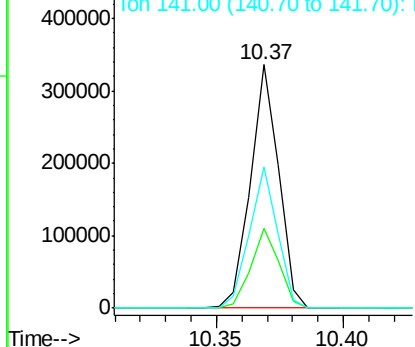


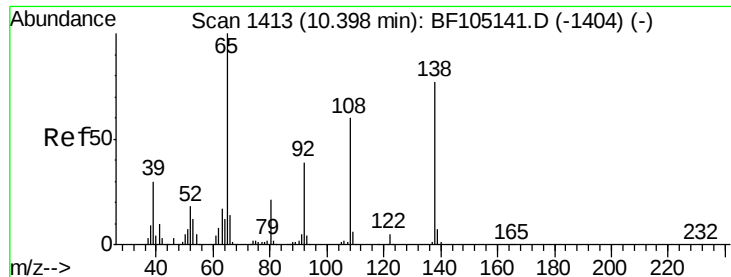
#60
4-Chlorophenyl-phenylether
Concen: 22.28 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:204 Resp: 259788
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 58.3 54.6 81.8



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

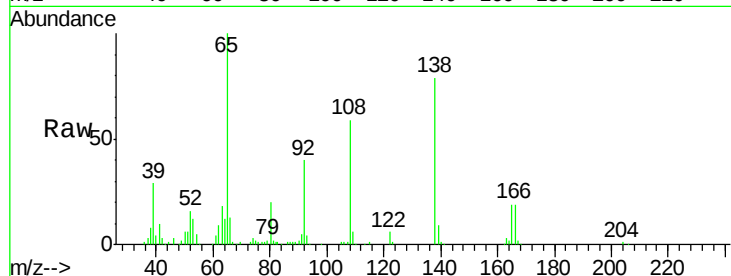




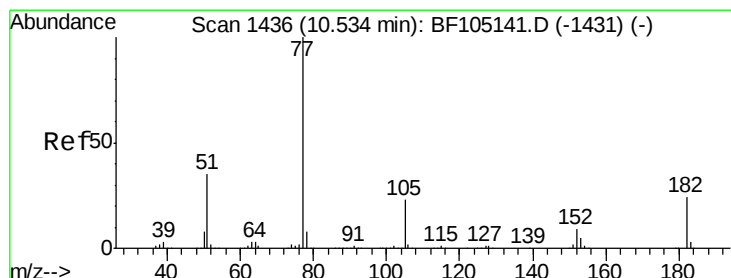
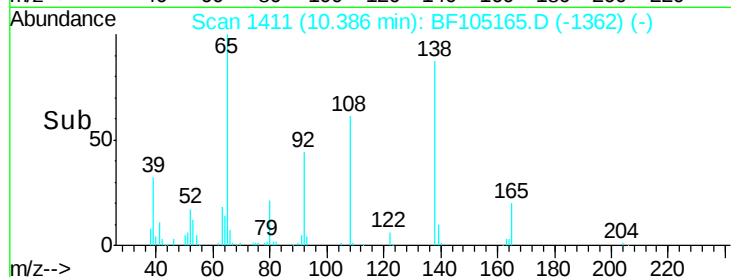
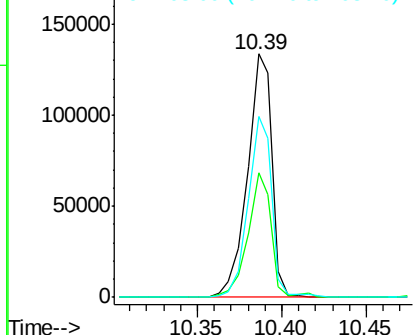
#61
4-Nitroaniline
Concen: 22.86 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 135593
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 74.4 52.5 92.5

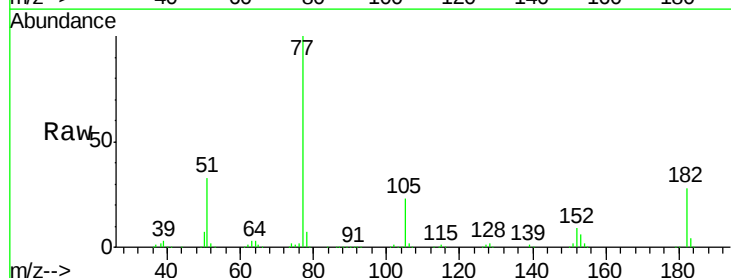


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

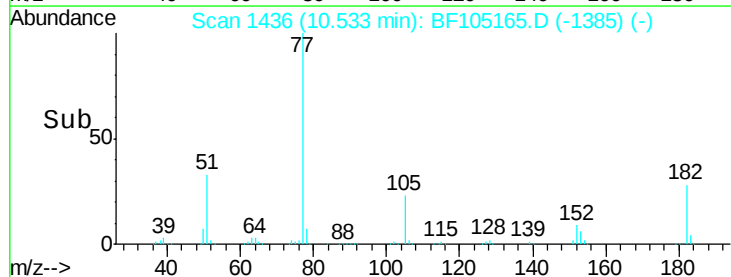
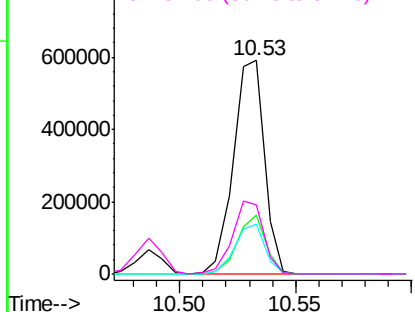


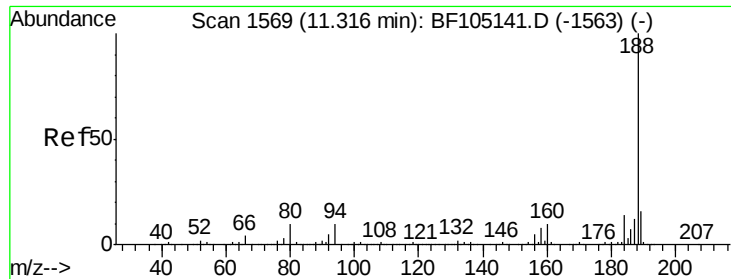
#62
Azobenzene
Concen: 20.80 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion: 77 Resp: 555968
Ion Ratio Lower Upper
77 100
182 27.5 1.7 41.7
105 23.5 3.0 43.0
51 32.6 9.9 49.9



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

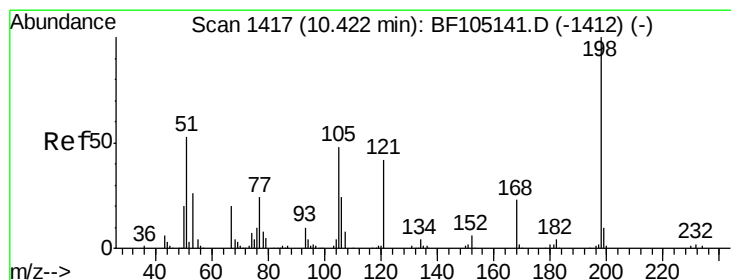
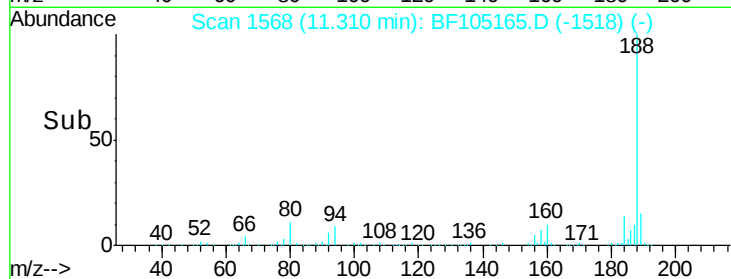
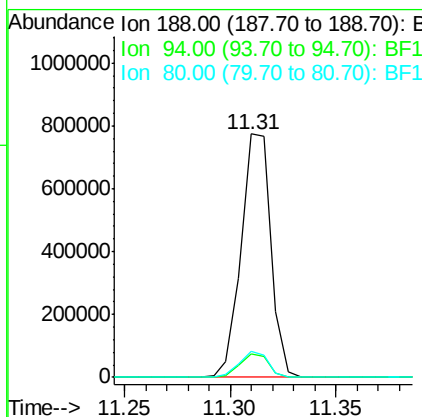
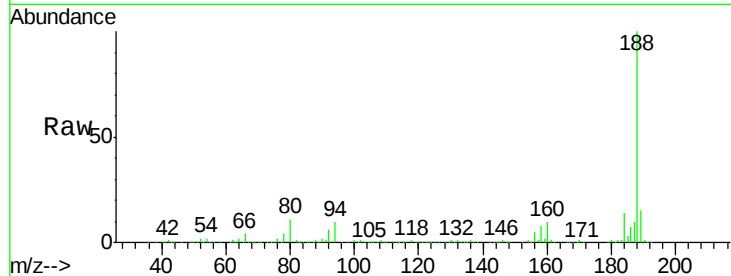




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

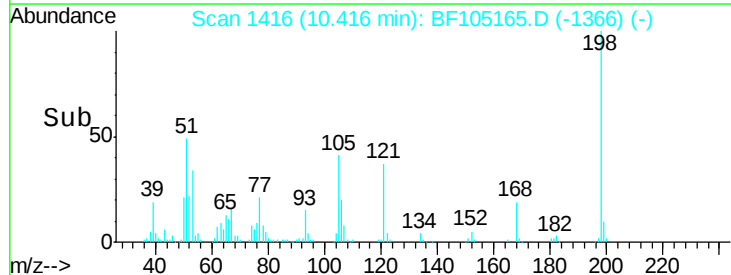
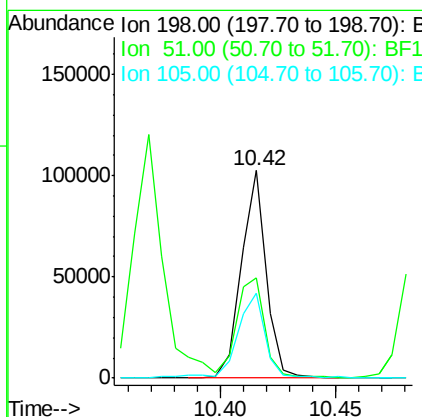
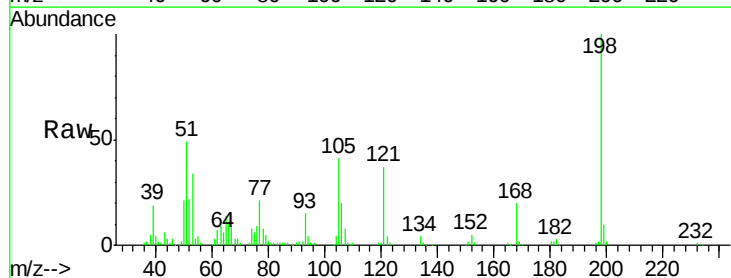
Instrument :
BNA_F
ClientSampled :

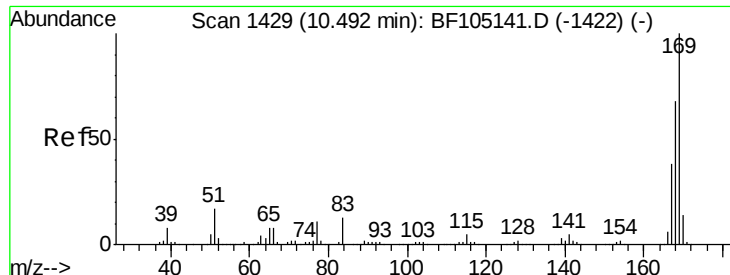
Tot Ion:188 Resp: 755750
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.96 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:198 Resp: 76824
Ion Ratio Lower Upper
198 100
51 48.6 37.7 77.7
105 41.1 36.3 76.3

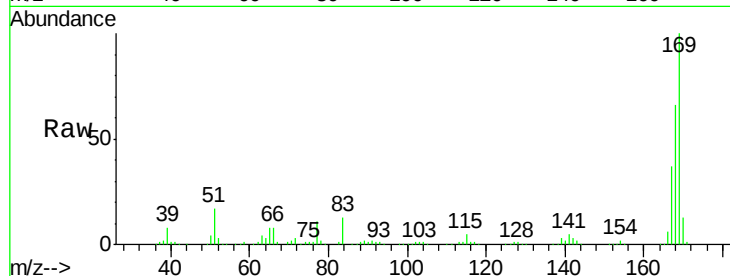




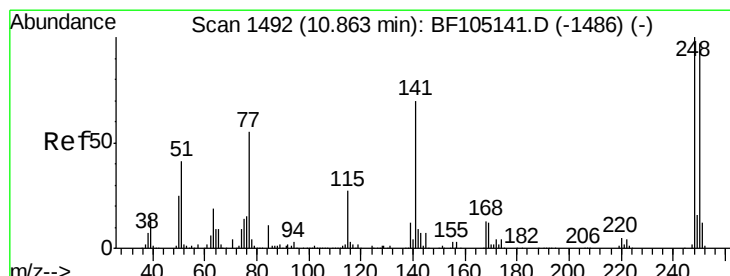
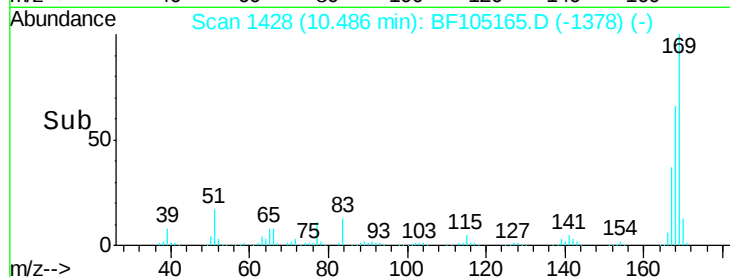
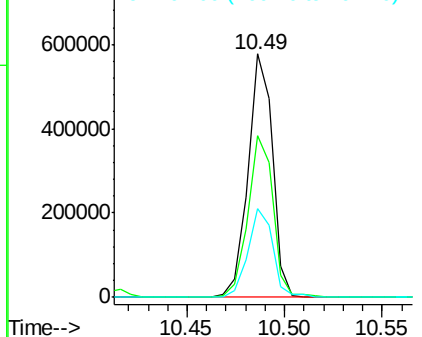
#65
 n-Nitrosodiphenylamine
 Concen: 21.19 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	36.6	29.8	44.6

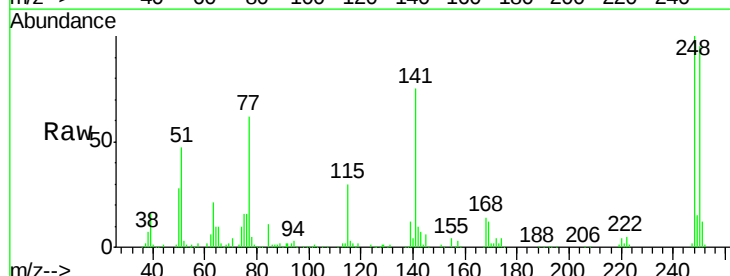


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

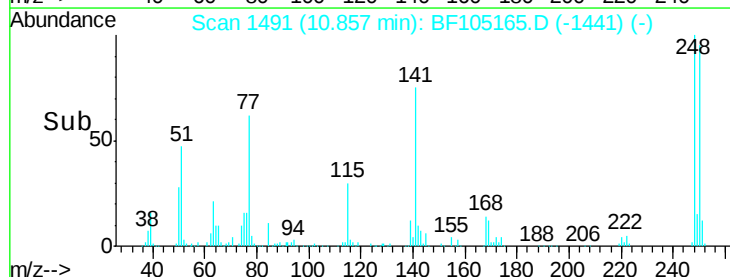
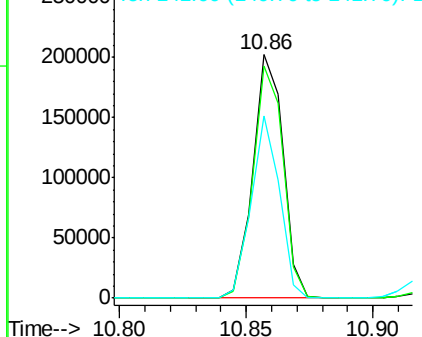


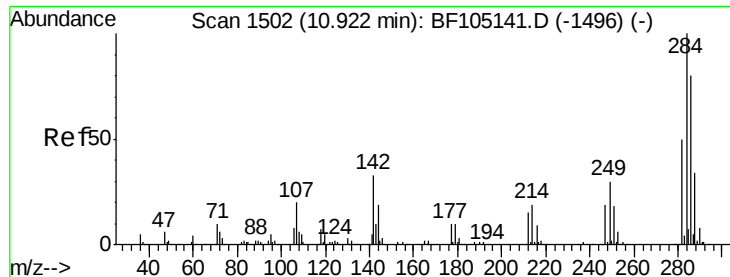
#66
 4-Bromophenyl-phenylether
 Concen: 20.91 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	75.0	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

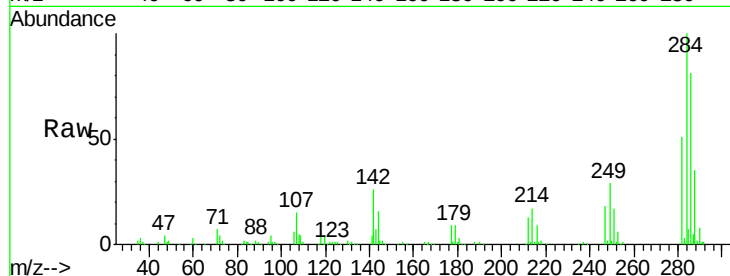




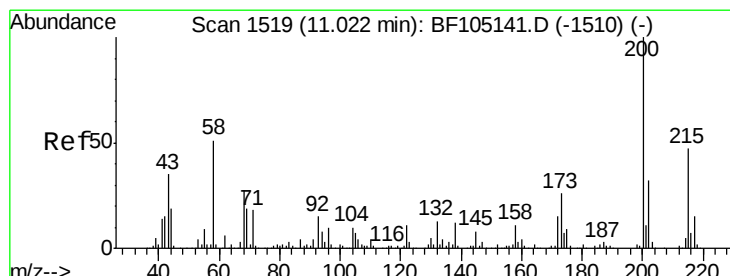
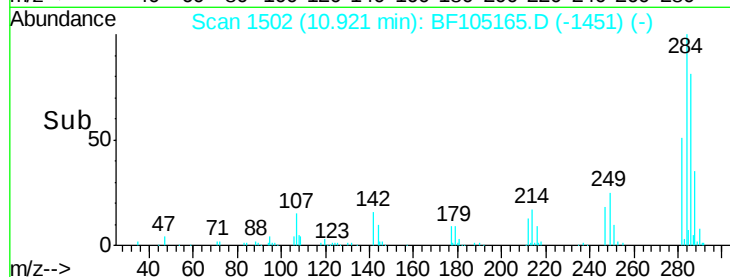
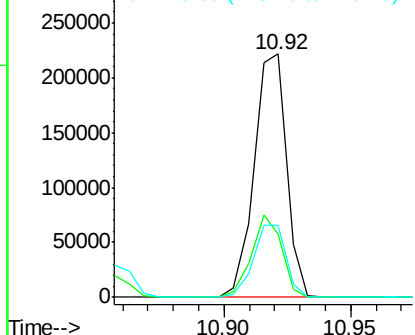
#67
Hexachlorobenzene
Concen: 21.31 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 197918
Ion Ratio Lower Upper
284 100
142 25.7 34.6 52.0#
249 29.5 24.8 37.2

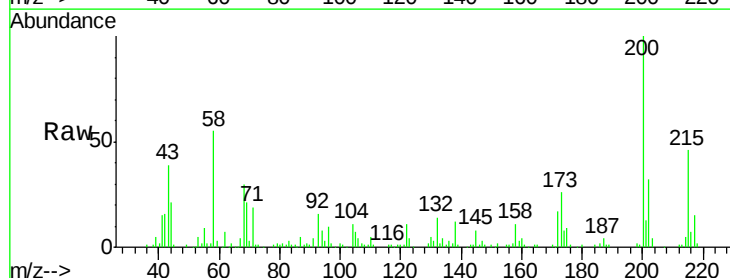


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

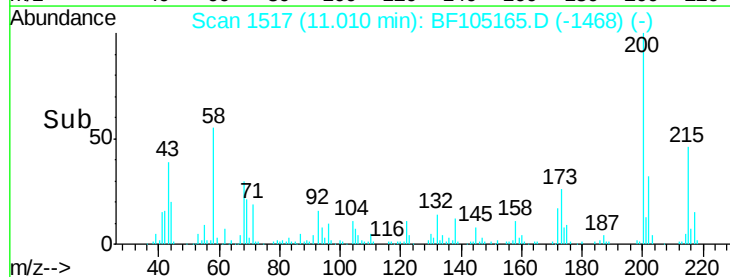
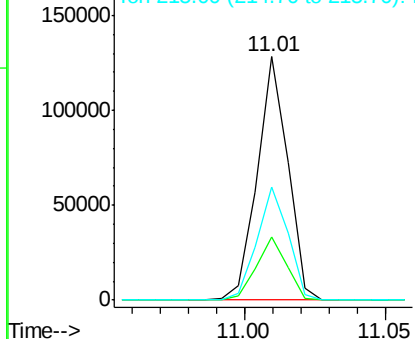


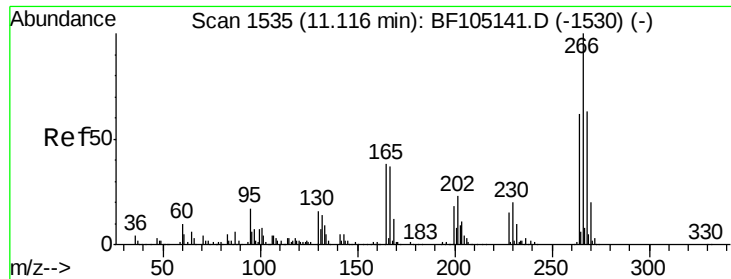
#68
Atrazine
Concen: 13.01 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:200 Resp: 96028
Ion Ratio Lower Upper
200 100
173 26.1 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

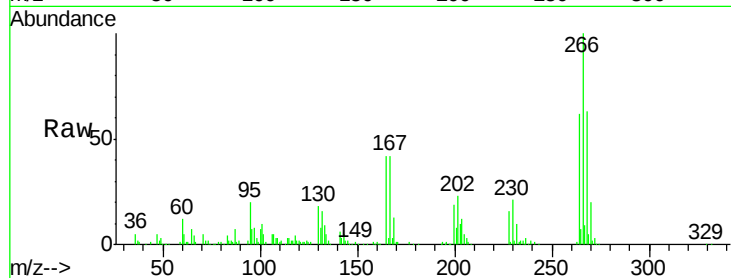




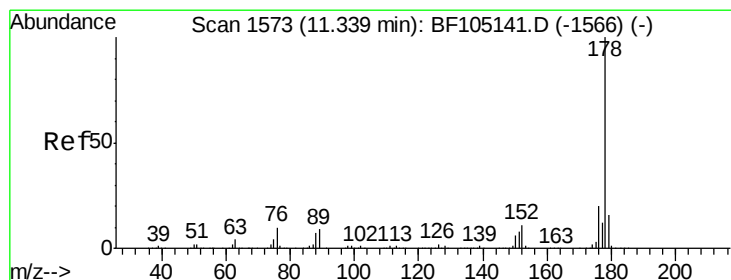
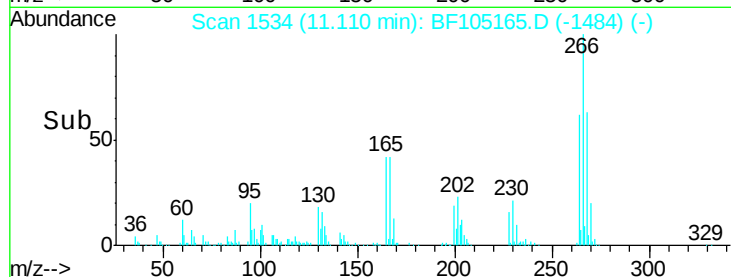
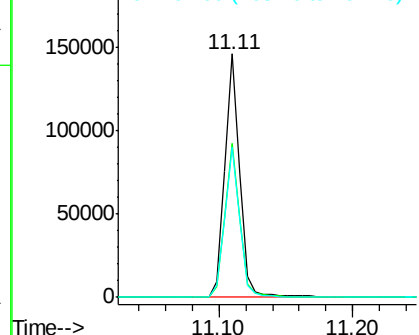
#69
 Pentachlorophenol
 Concen: 23.60 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 116392
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 61.9 49.5 74.3

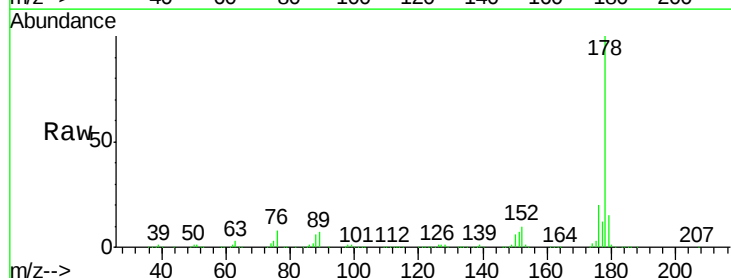


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

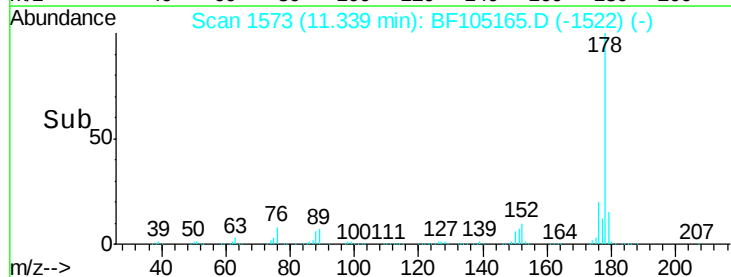
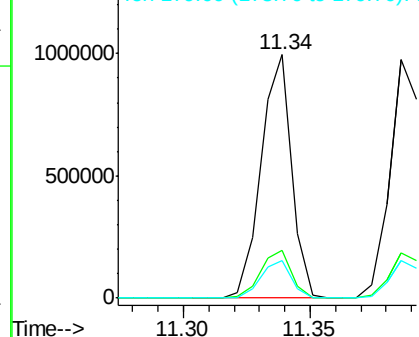


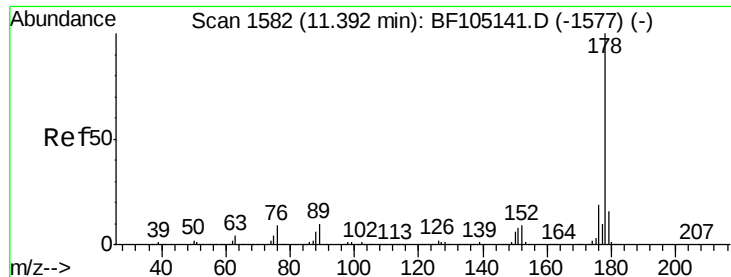
#70
 Phenanthrene
 Concen: 20.95 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion:178 Resp: 834564
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 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

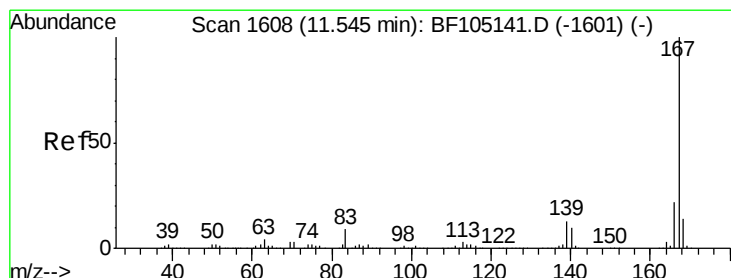
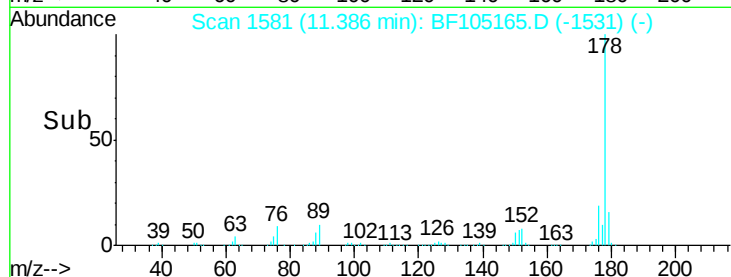
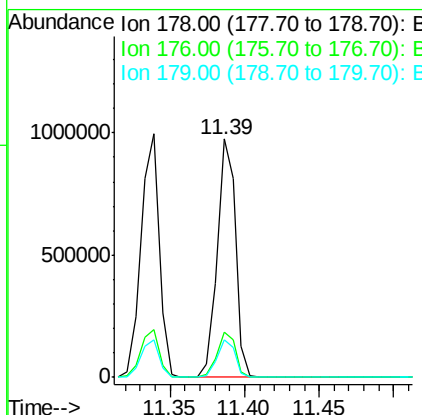
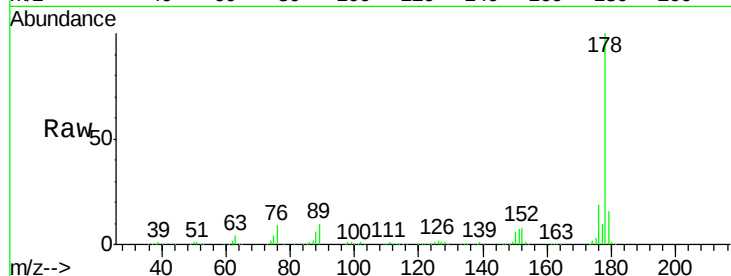




#71
 Anthracene
 Concen: 20.73 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

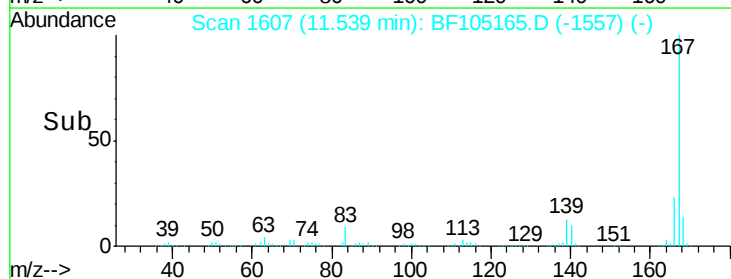
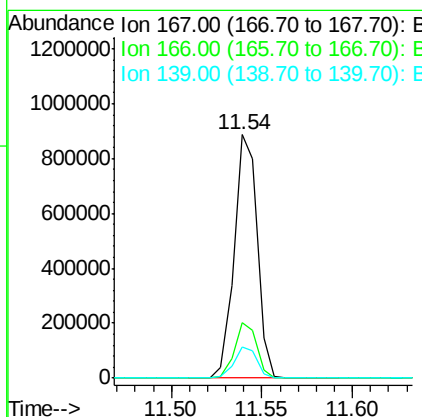
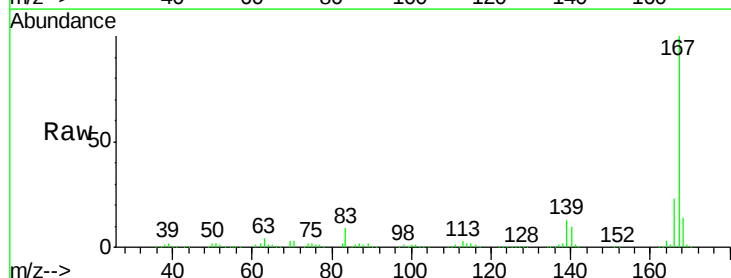
Instrument :
 BNA_F
 ClientSampled :

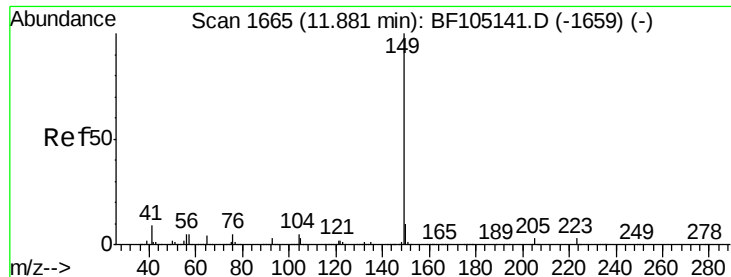
Tot Ion:178 Resp: 839201
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 21.55 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Tgt Ion:167 Resp: 786221
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 22.84 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampled :

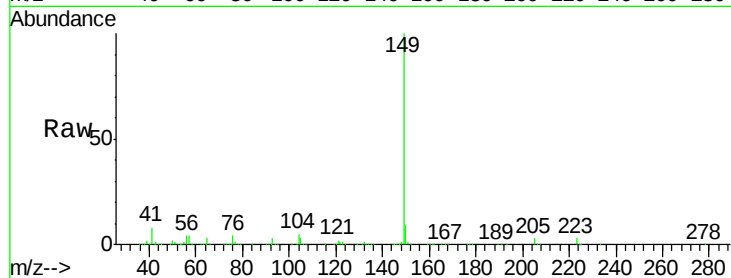
Tot Ion:149 Resp: 891353

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

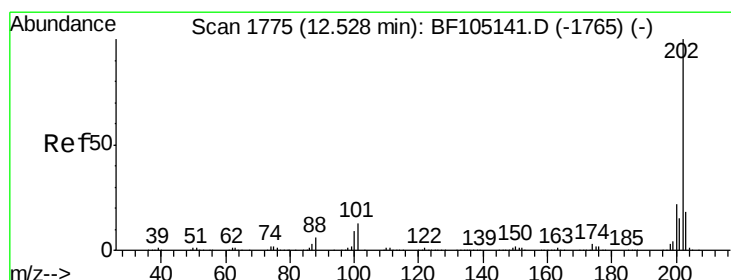
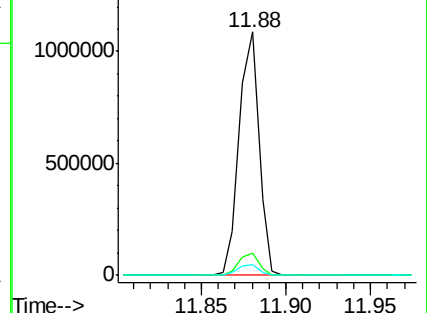
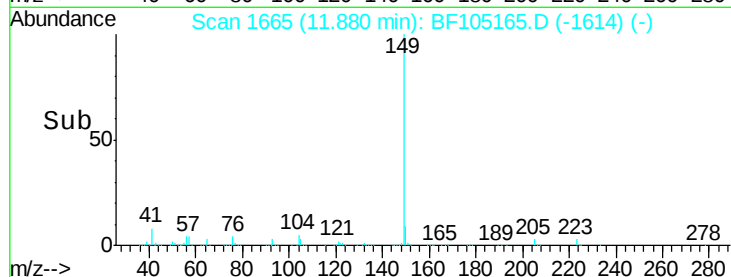
104 4.6 3.8 5.8



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: 21.55 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

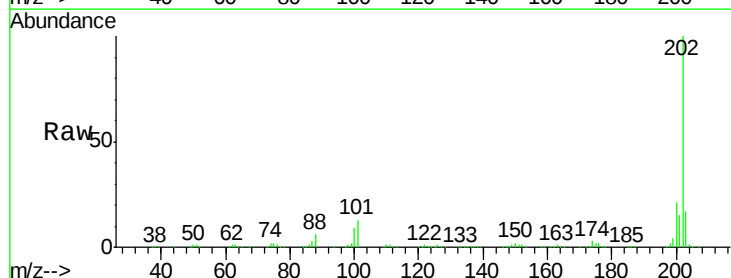
Tgt Ion:202 Resp: 894631

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

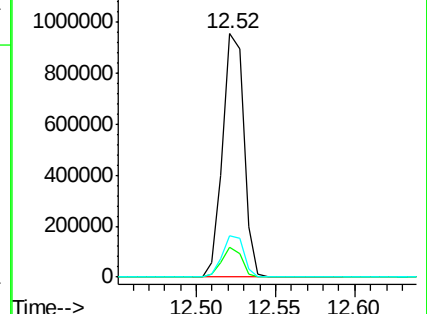
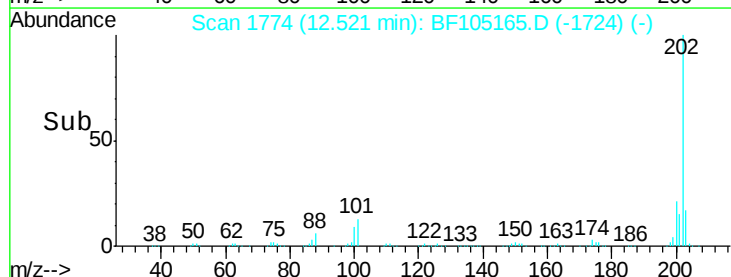
203 17.2 0.0 38.1

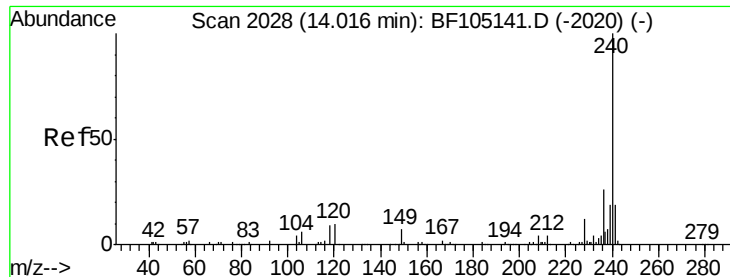


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

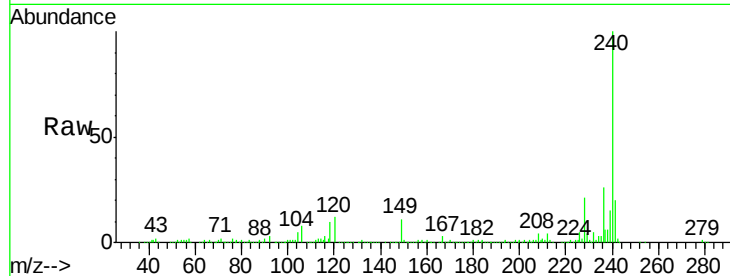
Tot Ion:240 Resp: 631072

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

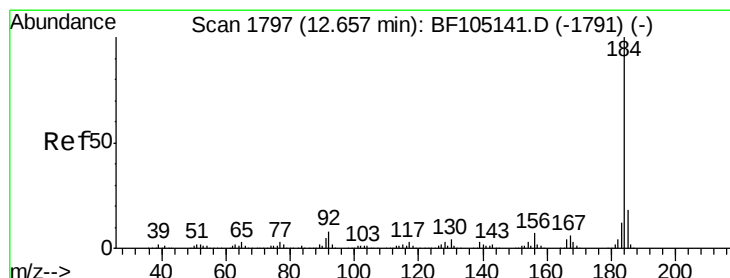
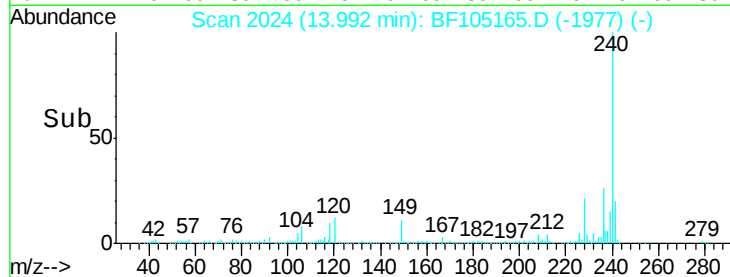
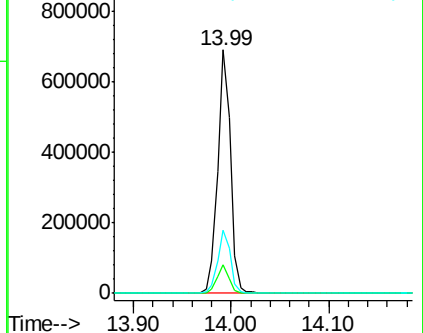
236 26.1 20.7 31.1



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: 11.95 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

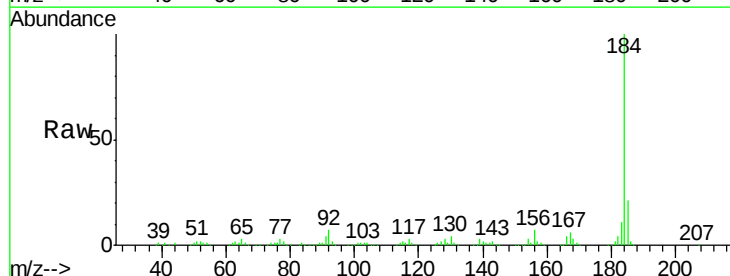
Tgt Ion:184 Resp: 281638

Ion Ratio Lower Upper

184 100

185 20.7 12.6 18.8#

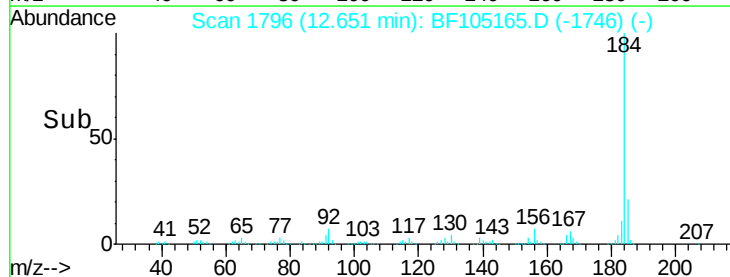
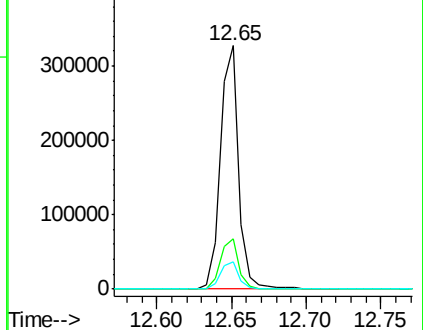
183 11.4 9.3 13.9

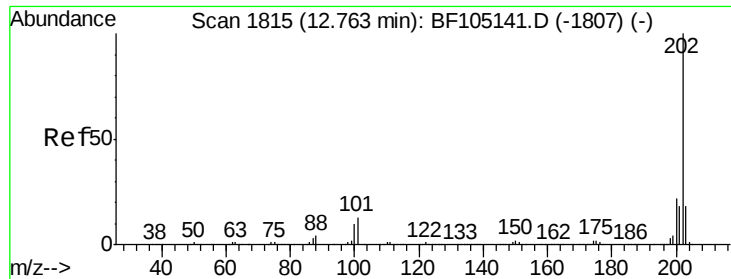


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

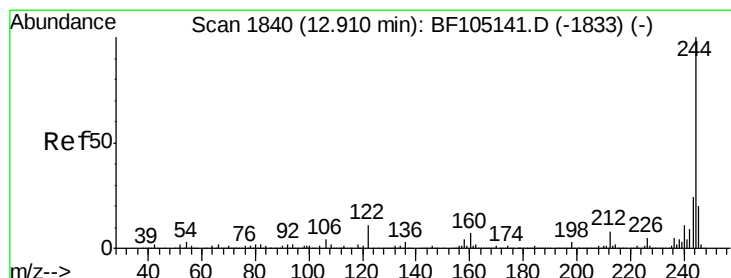
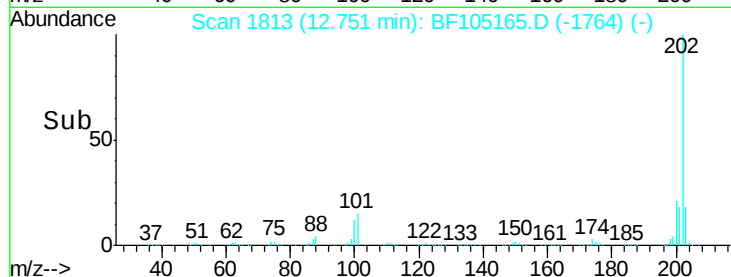
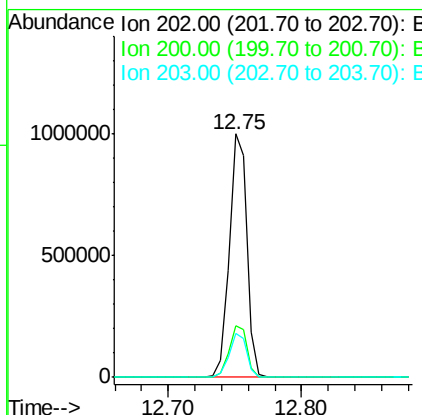
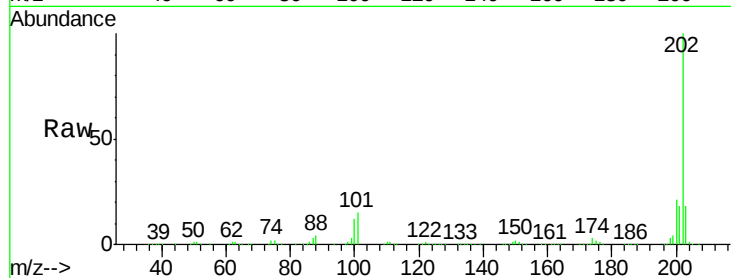




#77
Pvrene
Concen: 20.28 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

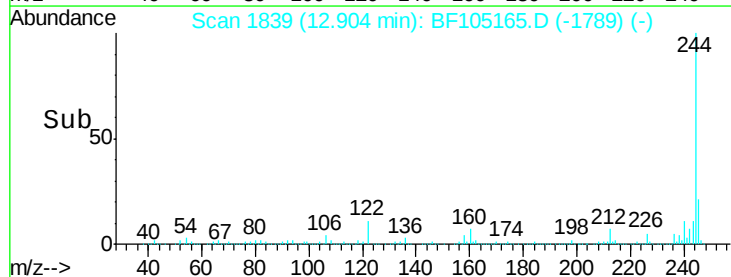
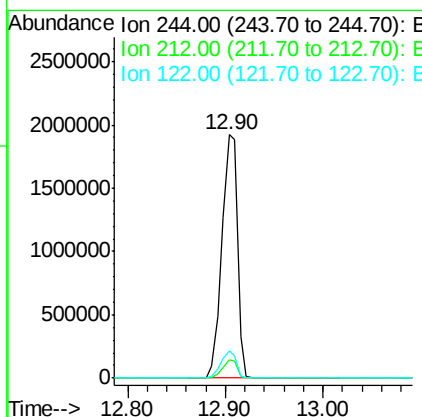
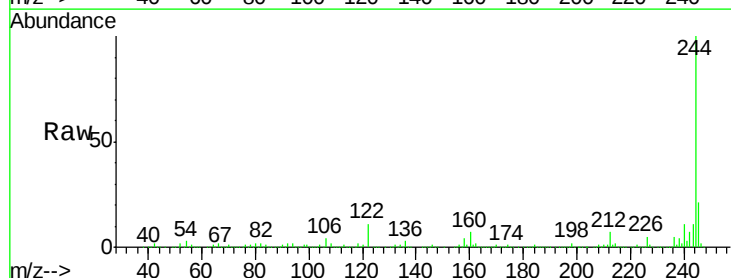
Instrument :
BNA_F
ClientSampleId :

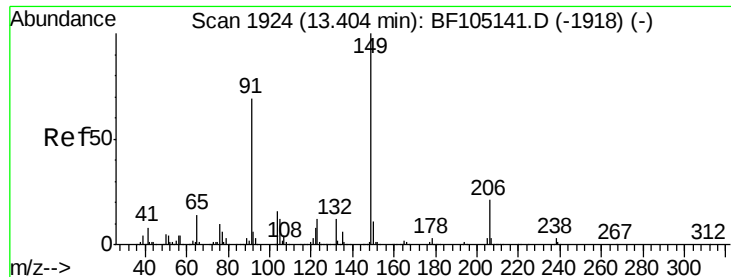
Tot Ion:202 Resp: 931020
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 78.48 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:244 Resp: 2132075
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 11.0 11.0 16.4

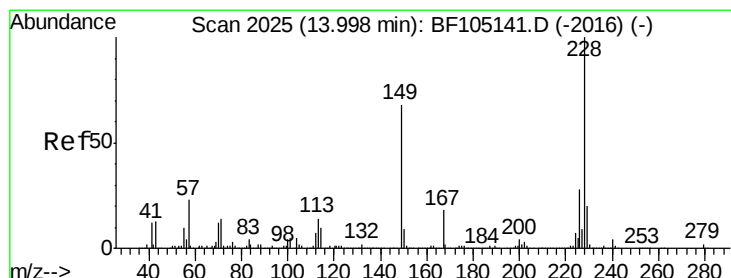
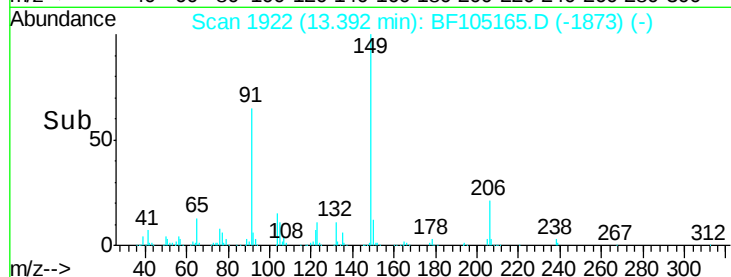
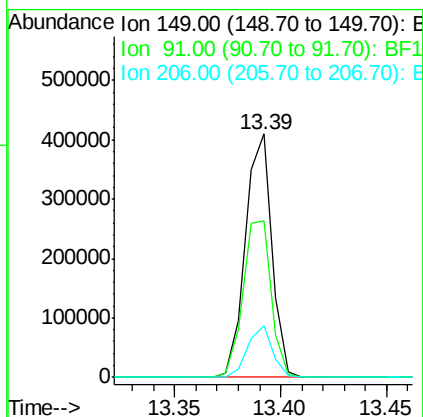
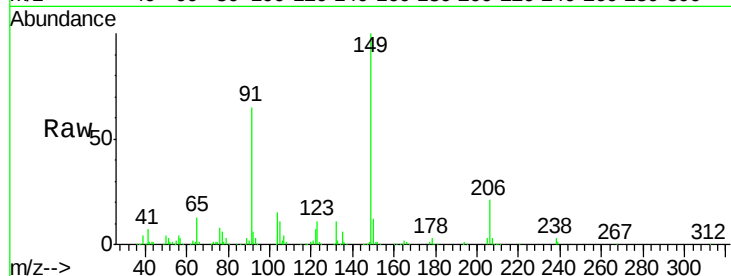




#79
Butylbenzylphthalate
Concen: 25.24 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

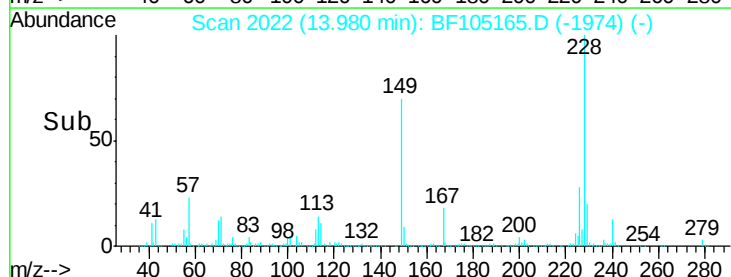
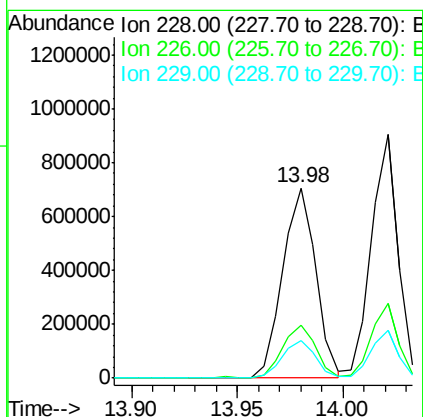
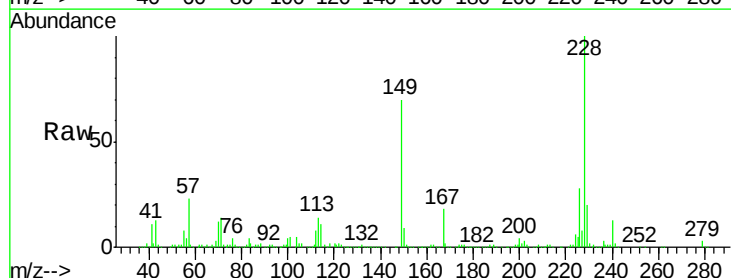
Instrument :
BNA_F
ClientSampled :

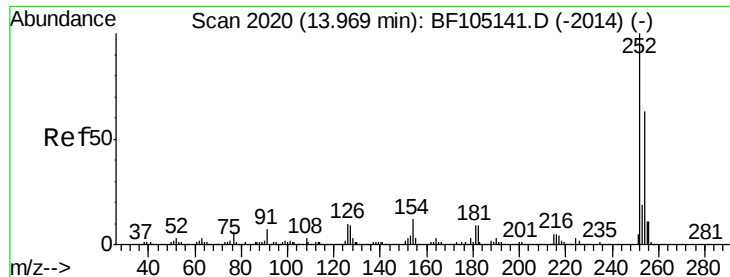
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	56.8	85.2
206	21.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 20.21 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 19.32 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

Instrument :

BNA_F

ClientSampleId :

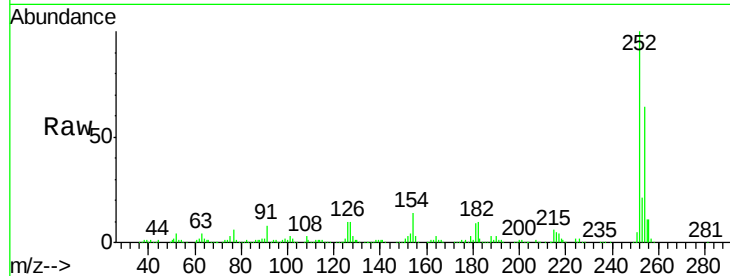
Tot Ion:252 Resp: 277989

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

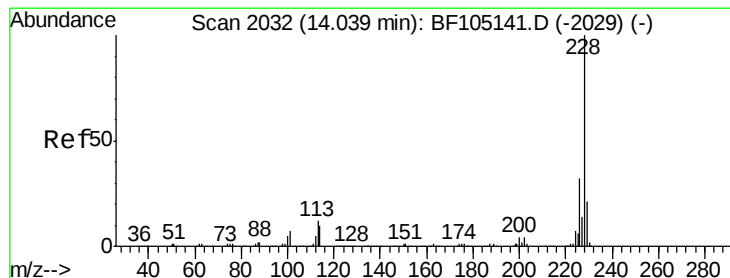
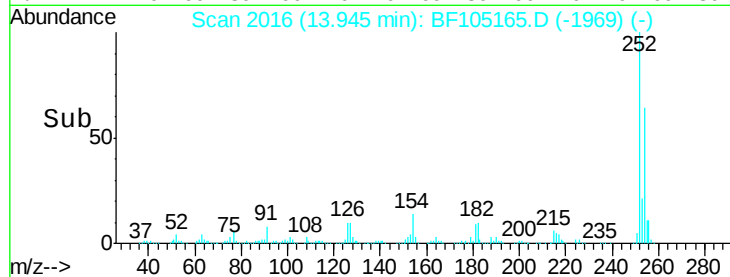
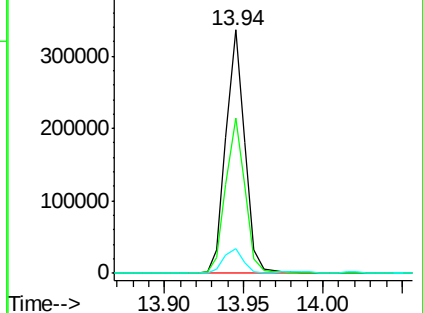
126 10.1 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 20.51 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF105165.D

Acq: 9 May 2018 00:45

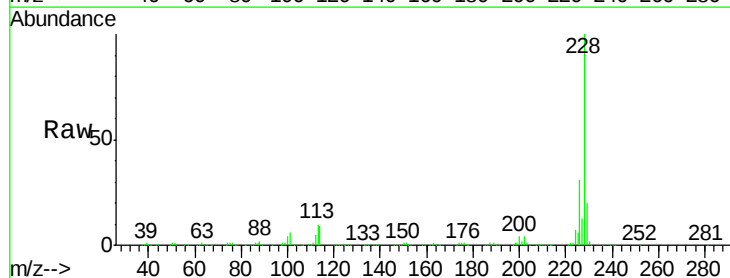
Tgt Ion:228 Resp: 808512

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

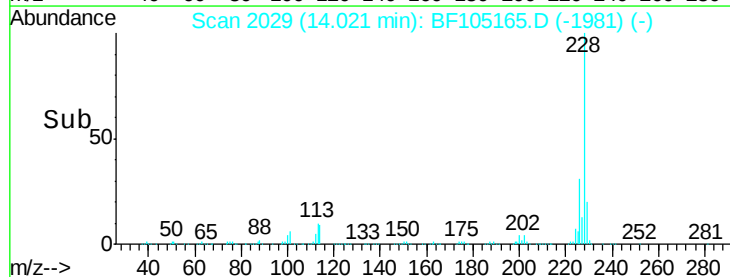
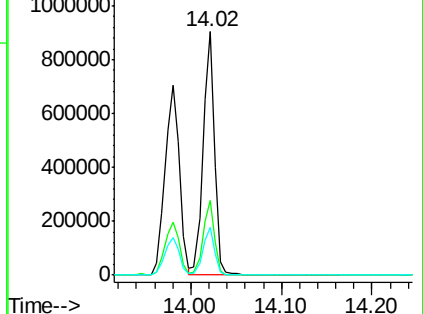
229 19.7 16.2 24.4

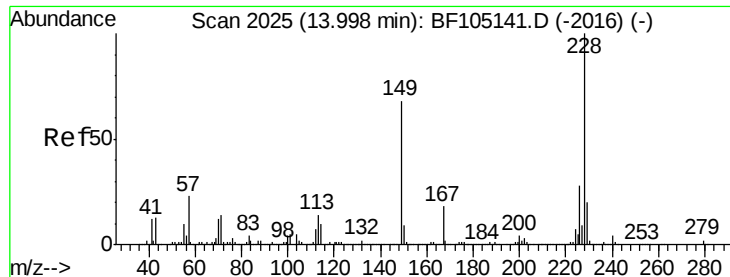


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

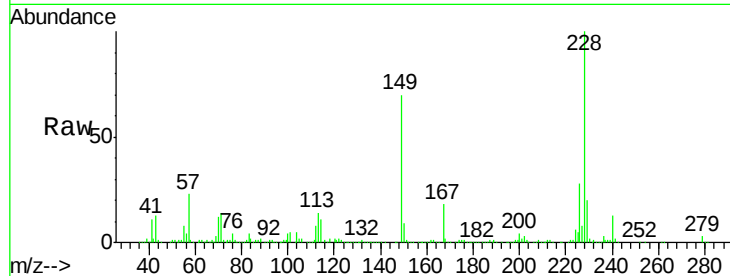




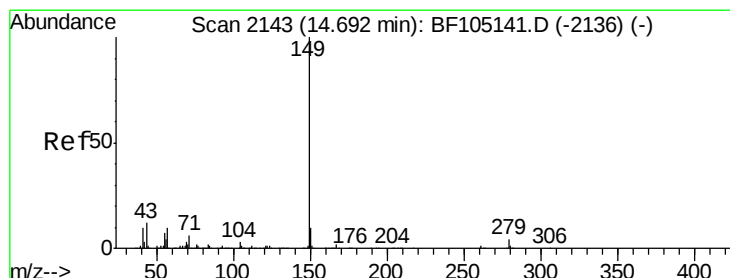
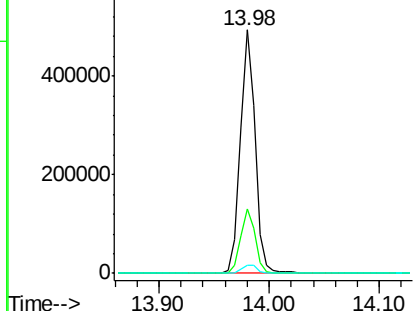
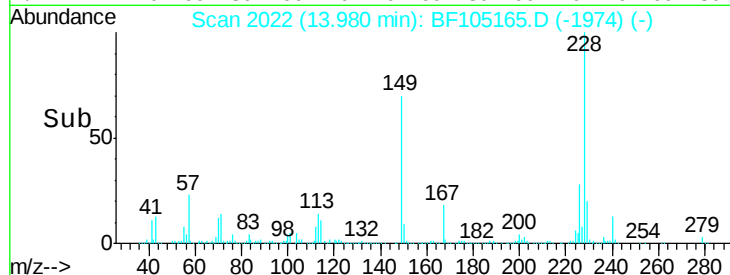
#83
Bis(2-ethylhexyl)phthalate
Concen: 24.57 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 466317
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 3.6 3.0 4.4

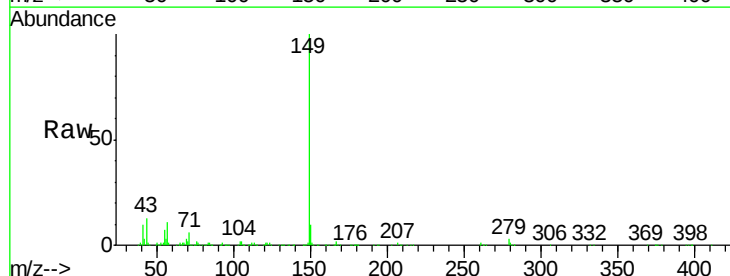


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

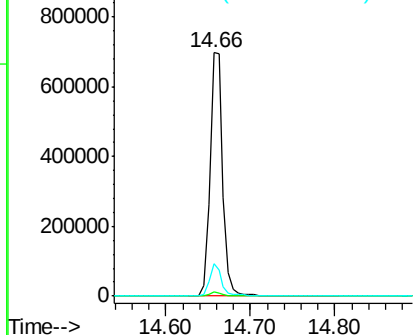
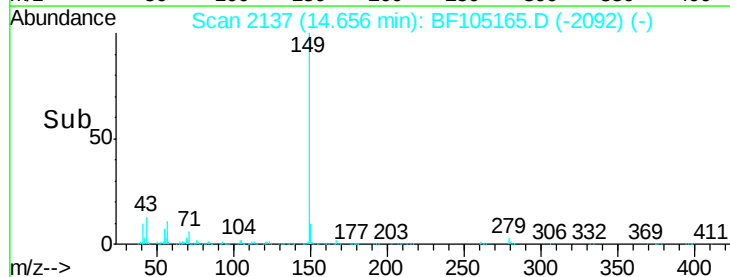


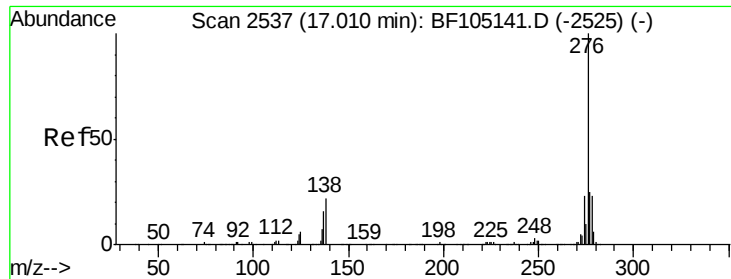
#84
Di-n-octyl phthalate
Concen: 24.08 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.04 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:149 Resp: 737375
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

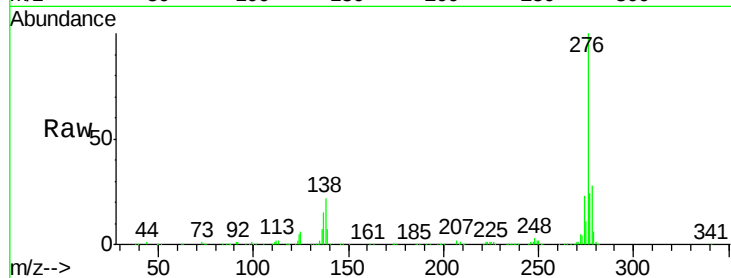




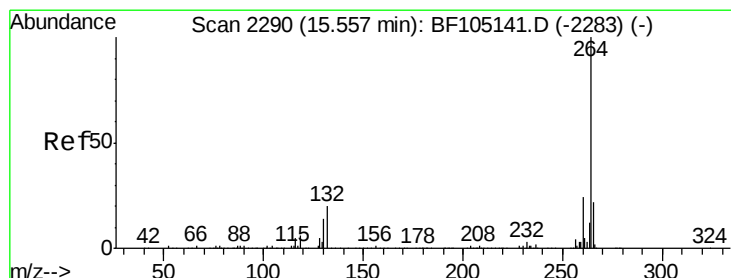
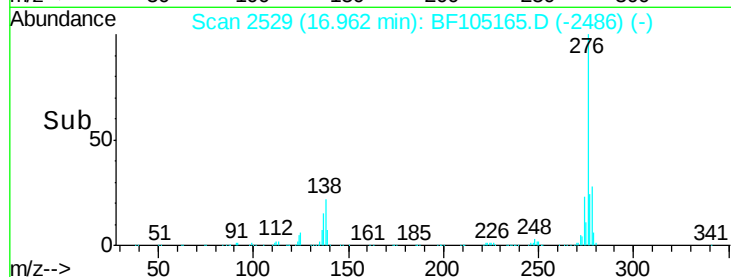
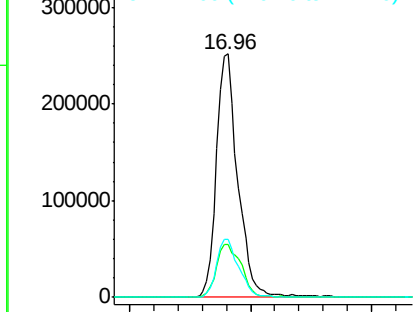
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.05 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 618822
Ion Ratio Lower Upper
276 100
138 25.3 25.0 37.6
277 25.1 20.1 30.1

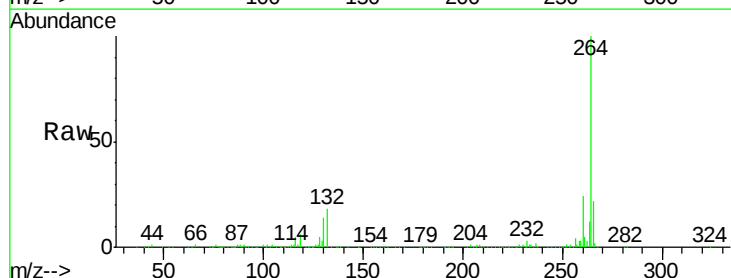


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

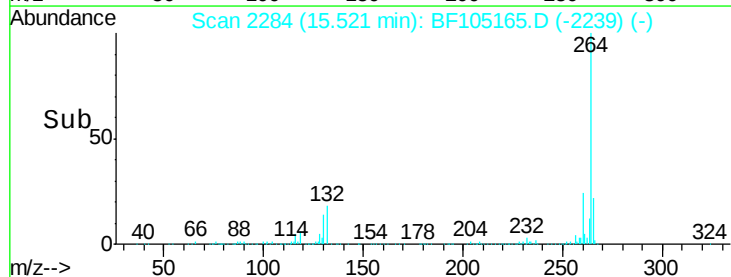
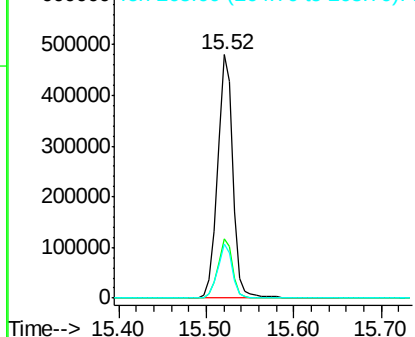


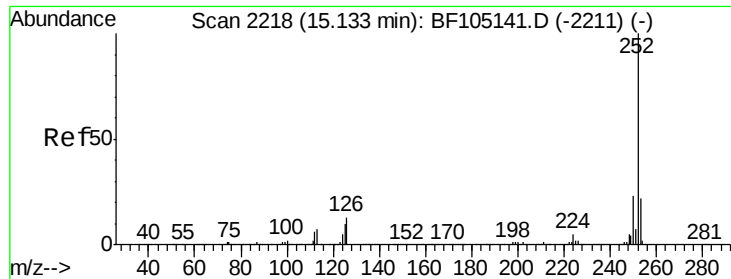
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.04 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:264 Resp: 584499
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.0 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

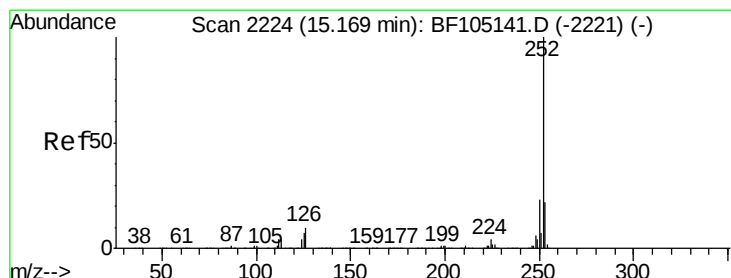
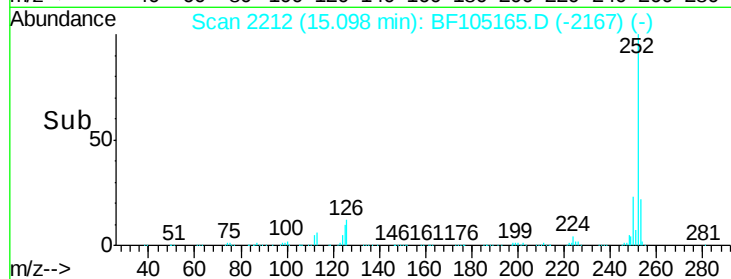
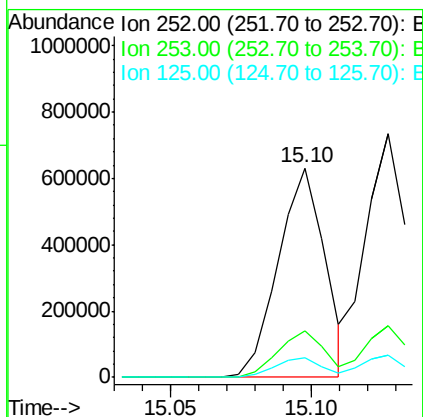
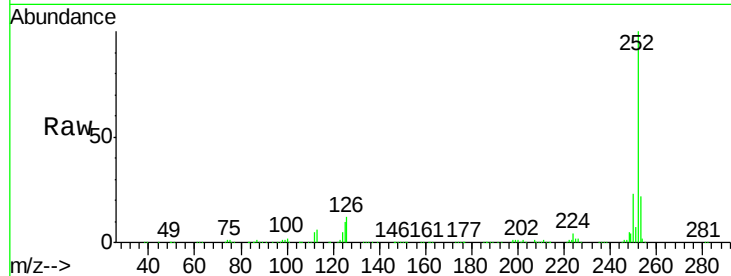




#87
Benzo(b)fluoranthene
Concen: 20.17 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

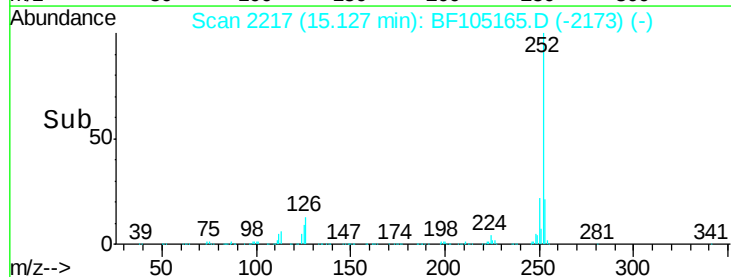
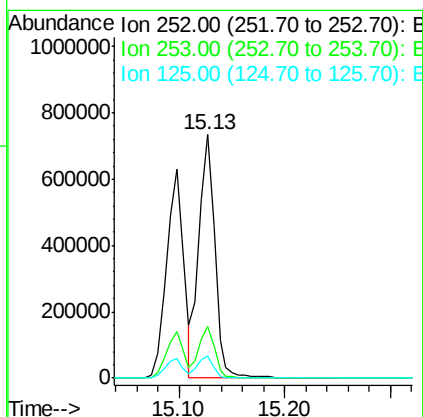
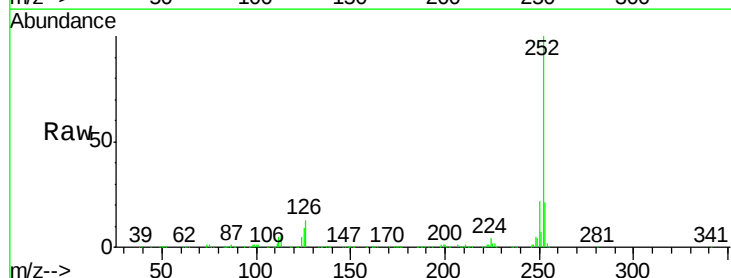
Instrument :
BNA_F
ClientSampleId :

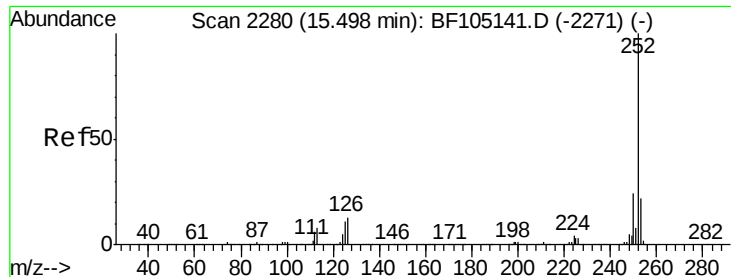
Tot Ion:252 Resp: 721296
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 22.07 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion:252 Resp: 765357
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.2 10.2 15.2#

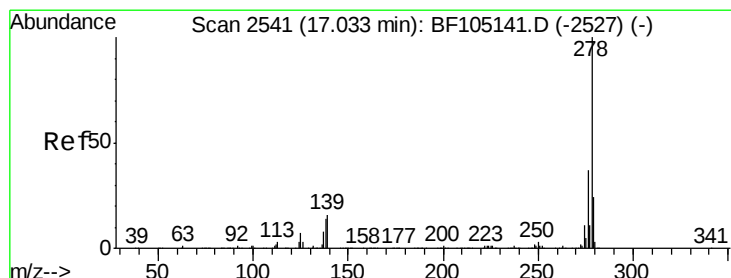
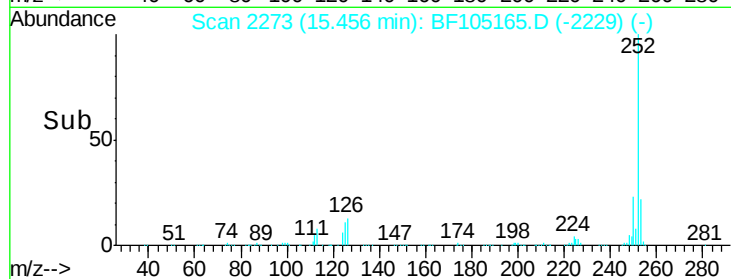
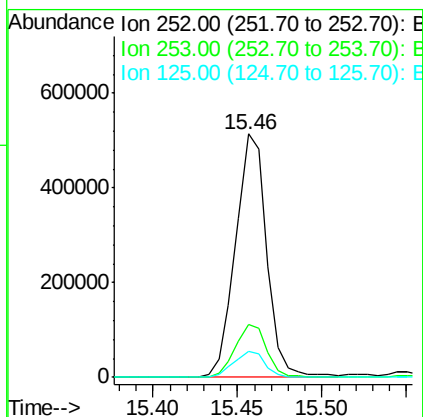
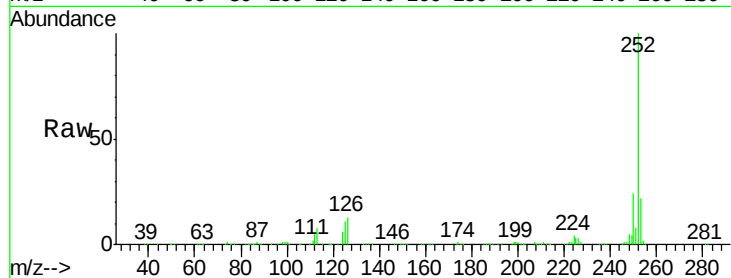




#89
Benzo(a)pyrene
Concen: 20.47 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.04 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

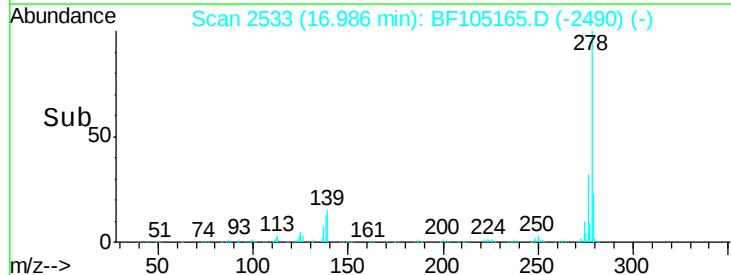
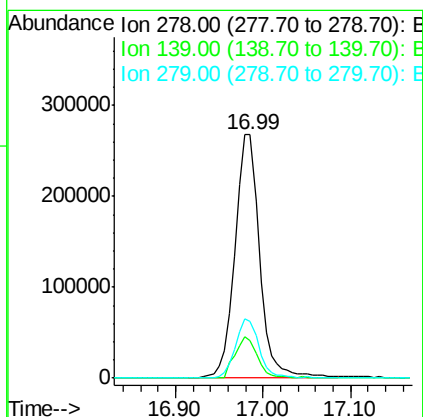
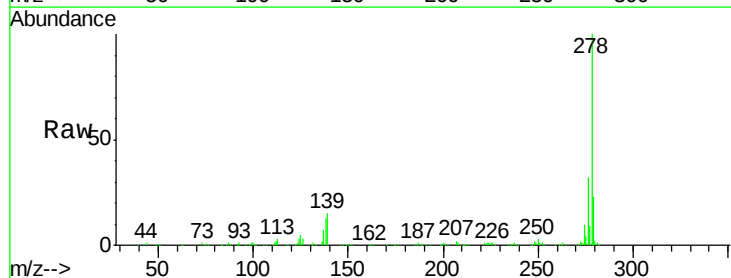
Instrument :
BNA_F
ClientSampleId :

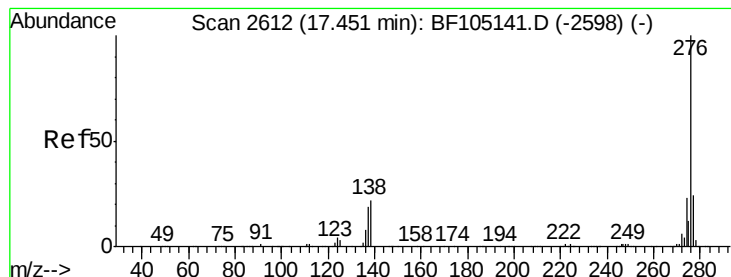
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 20.33 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.05 min
Lab File: BF105165.D
Acq: 9 May 2018 00:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	23.2	19.0	28.4

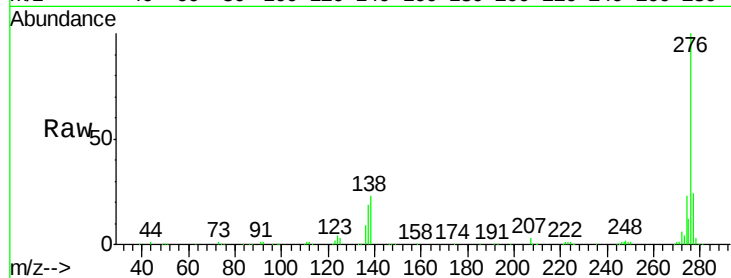




#91
 Benzo(a,h,i)perylene
 Concen: 19.98 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.06 min
 Lab File: BF105165.D
 Acq: 9 May 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 493684
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.9 26.9
 138 22.6 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

