

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105092.D
 Acq On : 4 May 2018 00:07
 Operator : JU/SJ
 Sample : J2709-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 02:01:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	109000	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	434966	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	183606	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	285549	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183083	20.00	ng	-0.02
86) Perylene-d12	15.56	264	145404	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	917190	128.66	ng	0.01
7) Phenol-d6	6.45	99	1052844	120.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	650044	97.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	230790	121.18	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1106285	95.19	ng	-0.01
78) Terphenyl-d14	12.90	244	825159	102.75	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	105779	31.85	ng	# 85
3) Pyridine	3.29	79	237695	25.45	ng	# 81
4) n-Nitrosodimethylamine	3.25	42	114888	35.19	ng	# 73
6) Aniline	6.46	93	221614	18.21	ng	# 1
8) 2-Chlorophenol	6.58	128	345459	45.91	ng	92
9) Benzaldehyde	6.33	77	210935	53.23	ng	97
10) Phenol	6.46	94	389103	41.87	ng	76
11) bis(2-Chloroethyl)ether	6.52	93	334336	45.08	ng	94
12) 1,3-Dichlorobenzene	6.72	146	355931	41.76	ng	98
13) 1,4-Dichlorobenzene	6.80	146	366837	43.17	ng	100
14) 1,2-Dichlorobenzene	6.95	146	332667	42.25	ng	99
15) Benzyl Alcohol	6.94	79	251235	37.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	350151	35.16	ng	# 16
17) 2-Methylphenol	7.06	107	275578	42.14	ng	# 87
18) Hexachloroethane	7.29	117	120371	39.73	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	221814	38.76	ng	92
20) 3+4-Methylphenols	7.22	107	369551	45.56	ng	97
22) Acetophenone	7.20	105	477138	44.56	ng	# 94
24) Nitrobenzene	7.37	77	332538	45.22	ng	97
25) Isophorone	7.61	82	607145	43.10	ng	99
26) 2-Nitrophenol	7.69	139	183566	61.31	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	292431	47.04	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	394814	45.84	ng	100
29) 2,4-Dichlorophenol	7.95	162	289078	48.74	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	291681	44.81	ng	99
31) Naphthalene	8.09	128	939103	43.36	ng	100
32) Benzoic acid	7.89	122	145245	29.28	ng	97
33) 4-Chloroaniline	8.16	127	113437	12.23	ng	98
34) Hexachlorobutadiene	8.20	225	161092	45.18	ng	98
35) Caprolactam	8.53	113	85053	41.10	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	285188	44.84	ng	95
37) 2-Methylnaphthalene	8.78	142	602902	43.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	269519	51.28	ng	98
40) Hexachlorocyclopentadiene	8.92	237	42686	14.51	ng	99

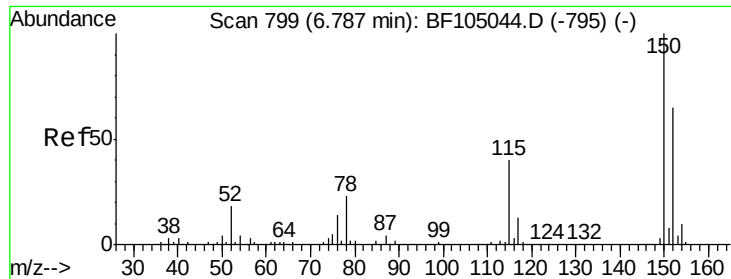
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105092.D
 Acq On : 4 May 2018 00:07
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 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	180817	49.56	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	176566	43.25	nq	94
45) 1,1'-Biphenyl	9.25	154	715799	46.41	nq	99
46) 2-Chloronaphthalene	9.27	162	558579	45.85	nq	99
47) 2-Nitroaniline	9.39	65	157976	52.43	nq	87
48) Acenaphthylene	9.69	152	779439	40.78	nq	99
49) Dimethylphthalate	9.55	163	755740	52.20	nq	100
50) 2,6-Dinitrotoluene	9.62	165	139027	51.89	nq	98
51) Acenaphthene	9.86	154	465805	39.94	nq	99
52) 3-Nitroaniline	9.80	138	83299	26.56	nq	92
53) 2,4-Dinitrophenol	9.91	184	58280	60.02	nq	# 21
54) Dibenzofuran	10.03	168	668871	41.15	nq	97
55) 4-Nitrophenol	9.99	139	138508	56.22	nq	97
56) 2,4-Dinitrotoluene	10.03	165	159214	45.31	nq	# 92
57) Fluorene	10.37	166	532349	45.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	136610	44.85	nq	93
59) Diethylphthalate	10.24	149	621389	43.09	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	256902	48.76	nq	99
61) 4-Nitroaniline	10.42	138	119999	39.13	nq	97
62) Azobenzene	10.53	77	513774	37.29	nq	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	46974	35.95	nq	# 76
65) n-Nitrosodiphenylamine	10.49	169	482290	48.71	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	148495	48.89	nq	# 88
67) Hexachlorobenzene	10.92	284	157712	46.15	nq	94
68) Atrazine	11.02	200	140815	47.12	nq	98
69) Pentachlorophenol	11.13	266	131962	62.41	nq	98
70) Phenanthrene	11.34	178	682359	42.91	nq	99
71) Anthracene	11.39	178	706410	43.70	nq	99
72) Carbazole	11.56	167	629230	39.84	nq	99
73) Di-n-butylphthalate	11.87	149	855738	44.35	nq	99
74) Fluoranthene	12.53	202	632715	38.08	nq	97
76) Benzidine	12.66	184	86565	9.58	nq	96
77) Pyrene	12.76	202	630488	46.46	nq	99
79) Butylbenzylphthalate	13.39	149	312707	48.91	nq	94
80) Benzo(a)anthracene	14.00	228	521569	47.69	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	158113	38.77	nq	99
82) Chrysene	14.04	228	497701	44.30	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	425256	51.71	nq	100
84) Di-n-octyl phthalate	14.65	149	682078	49.64	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	373914	39.18	nq	95
87) Benzo(b)fluoranthene	15.13	252	433125	47.16	nq	98
88) Benzo(k)fluoranthene	15.15	252	402962	46.48	nq	99
89) Benzo(a)pyrene	15.49	252	385399	46.90	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	316002	46.83	nq	97
91) Benzo(g,h,i)perylene	17.49	276	312073	47.73	nq	94

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

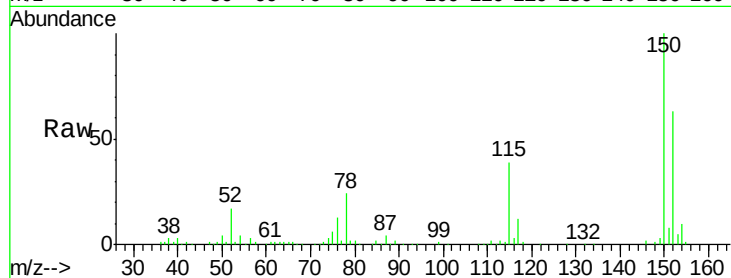


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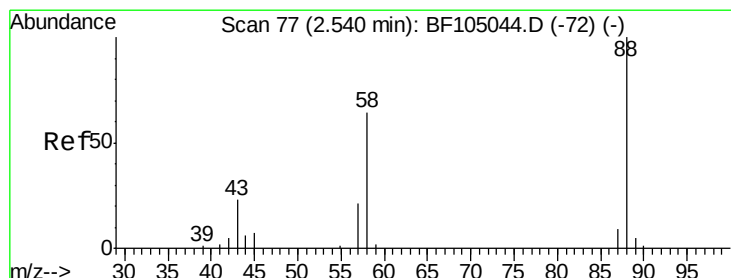
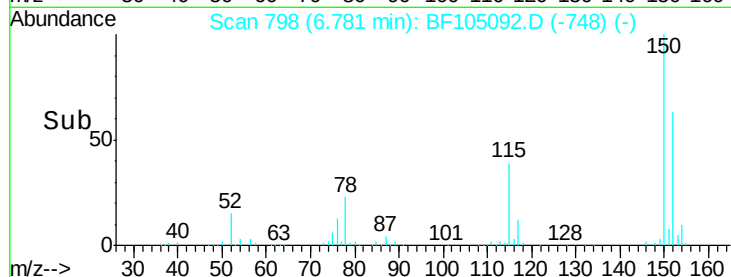
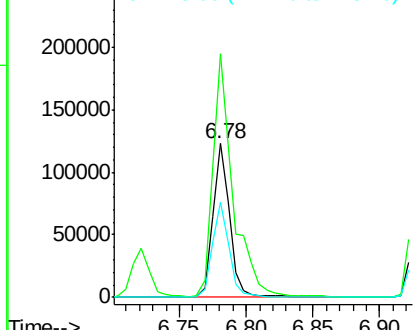
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109000
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.7 50.1 75.1



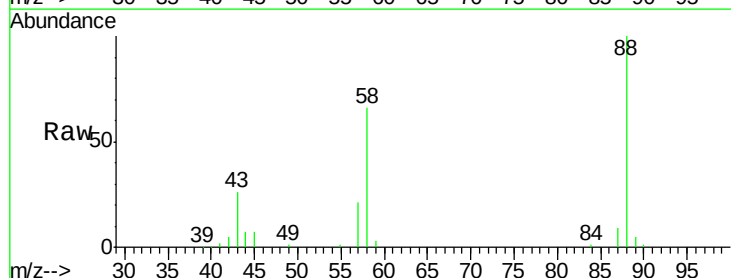
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



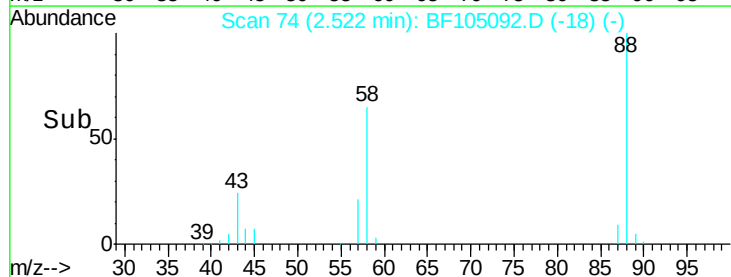
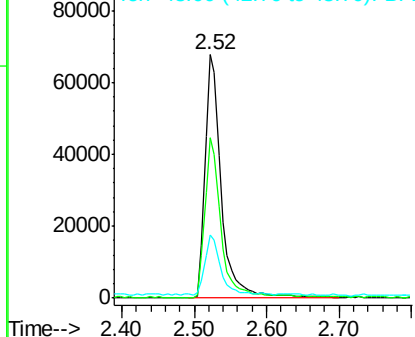
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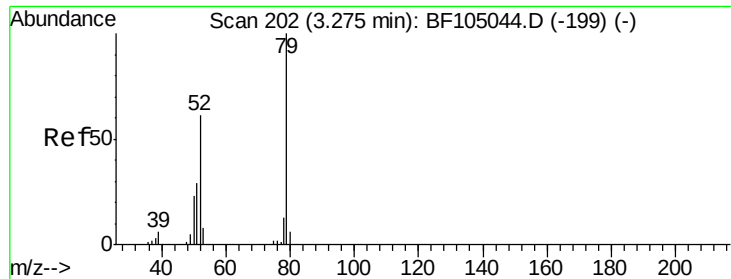
1,4-Dioxane
Concen: 31.85 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.03 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 88 Resp: 105779
Ion Ratio Lower Upper
88 100
58 64.8 62.6 93.8
43 23.3 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: 25.45 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

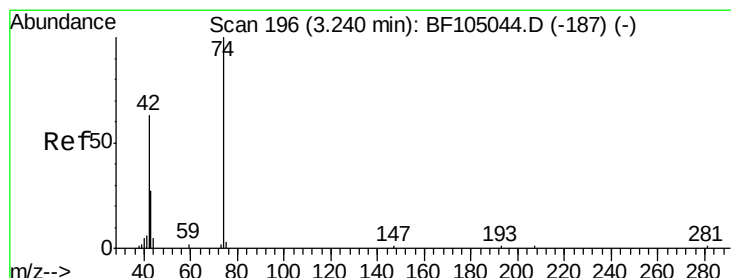
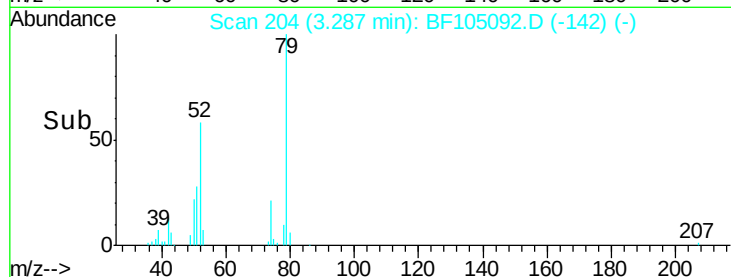
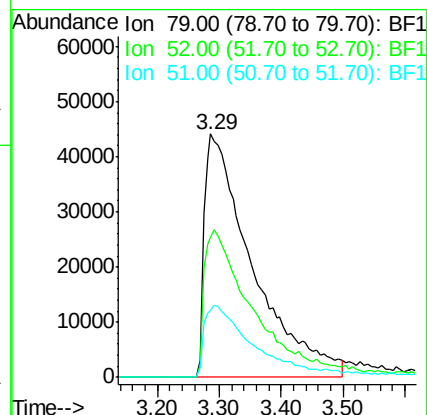
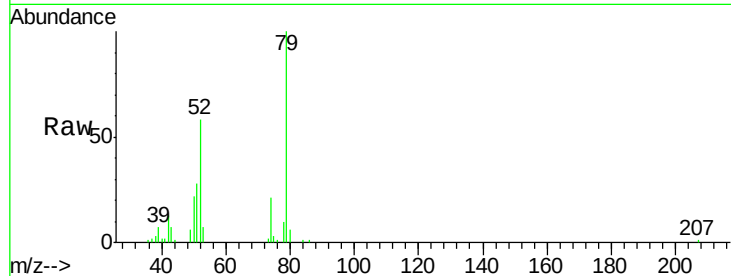
Tot Ion: 79 Resp: 237695

Ion Ratio Lower Upper

79 100

52 57.5 59.8 89.6#

51 27.7 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 35.19 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

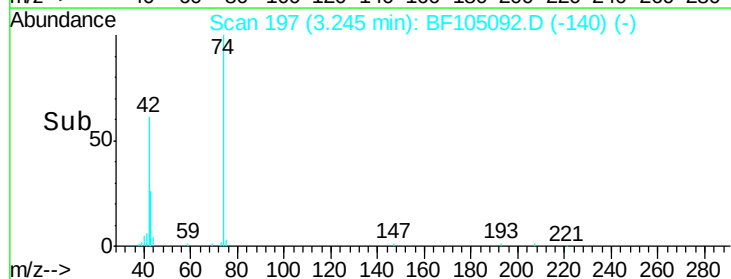
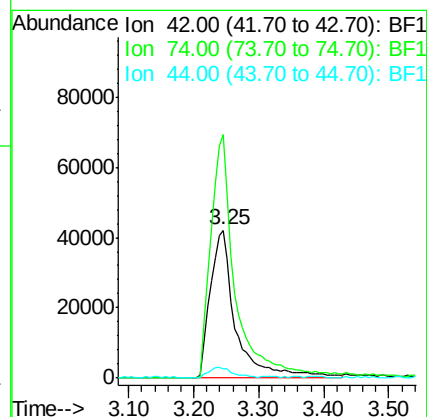
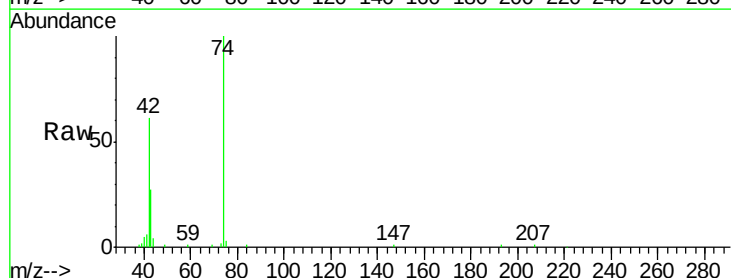
Tgt Ion: 42 Resp: 114888

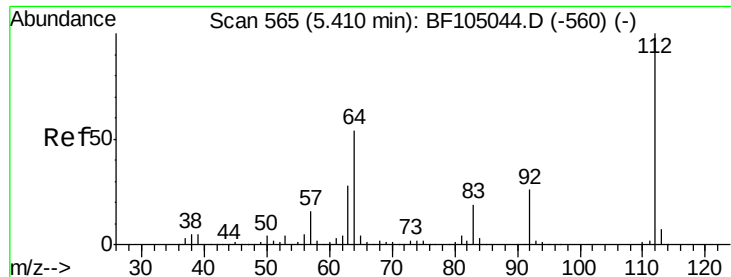
Ion Ratio Lower Upper

42 100

74 164.6 104.9 157.3#

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 128.66 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

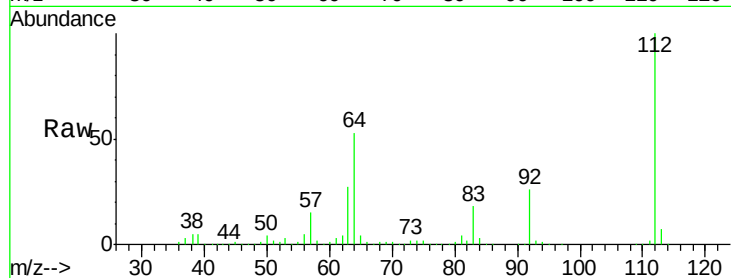
Tot Ion:112 Resp: 917190

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

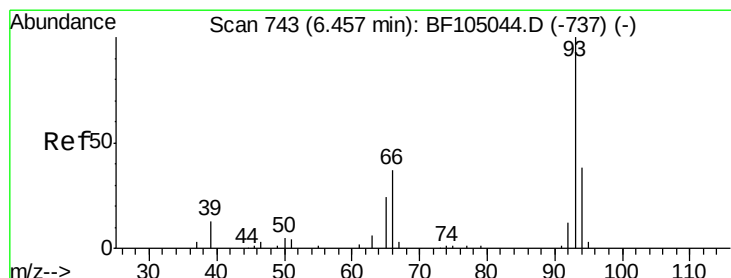
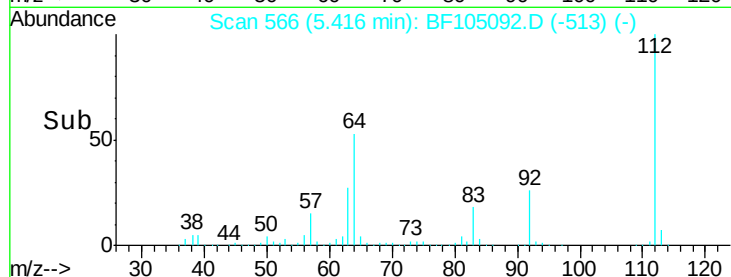
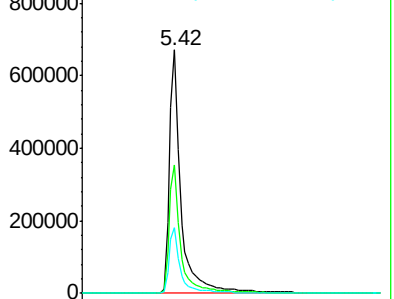
63 26.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.21 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

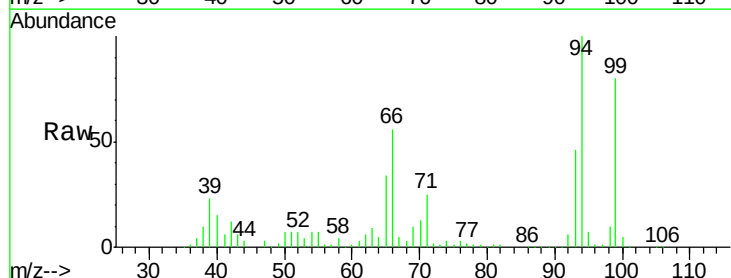
Tgt Ion: 93 Resp: 221614

Ion Ratio Lower Upper

93 100

66 122.1 32.2 48.2#

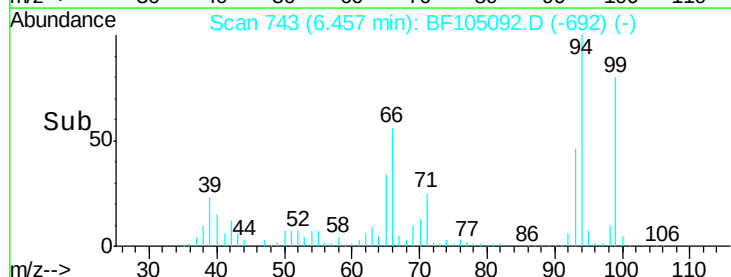
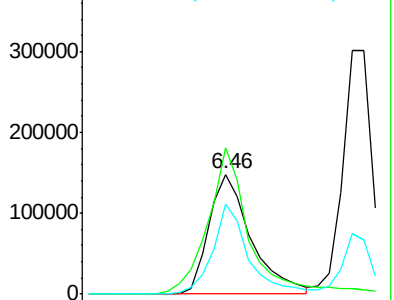
65 75.6 16.4 24.6#

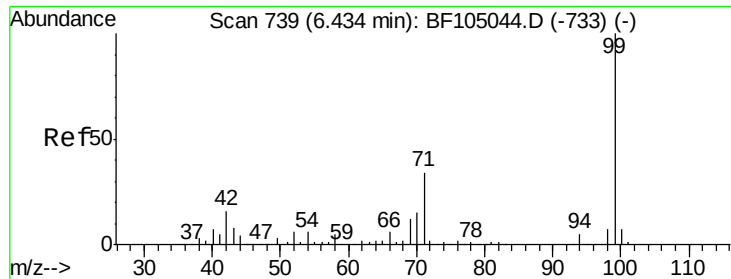


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.21 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

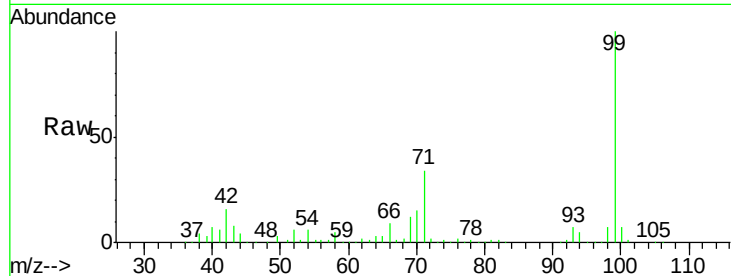
Tot Ion: 99 Resp: 1052844

Ion Ratio Lower Upper

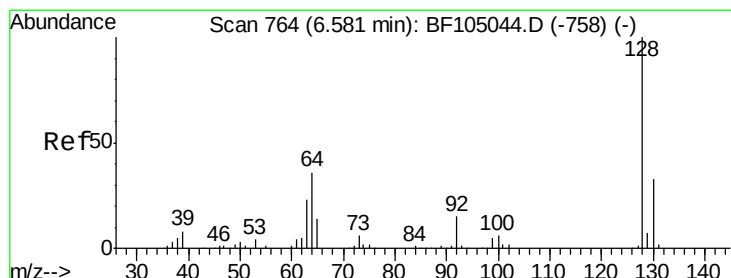
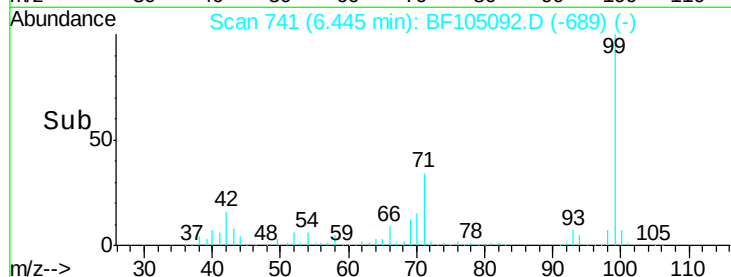
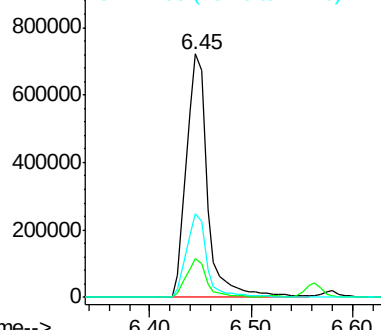
99 100

42 15.9 14.5 21.7

71 34.4 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: 45.91 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

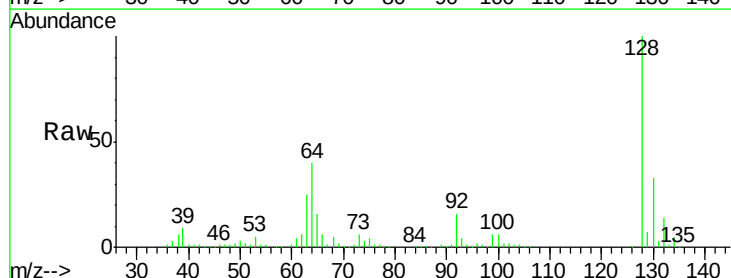
Tgt Ion: 128 Resp: 345459

Ion Ratio Lower Upper

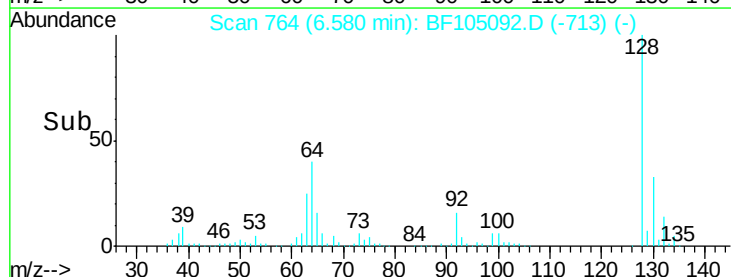
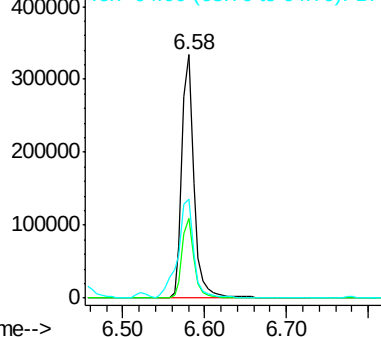
128 100

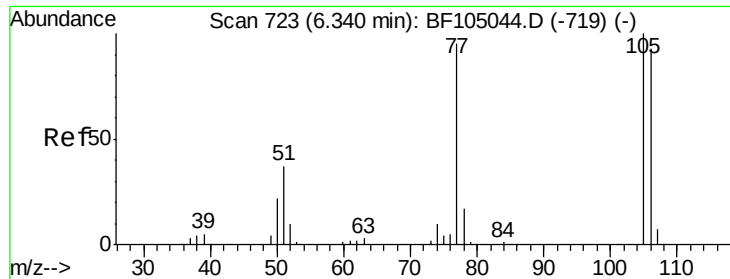
130 32.7 13.0 53.0

64 40.4 29.4 69.4



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

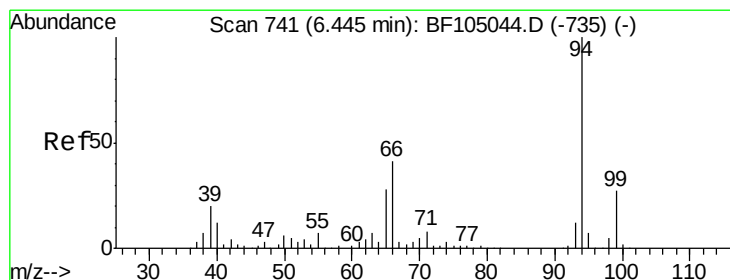
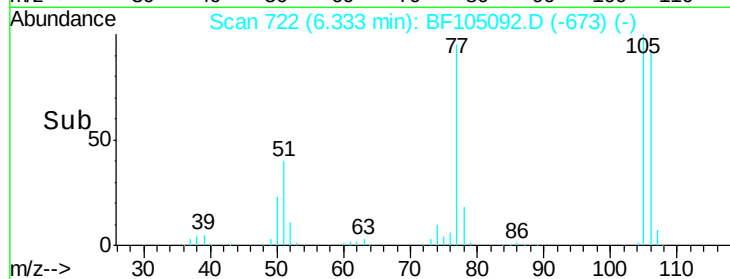
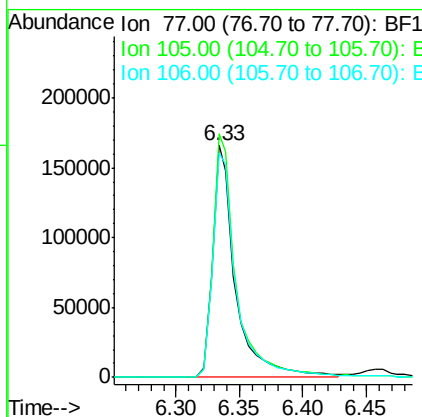
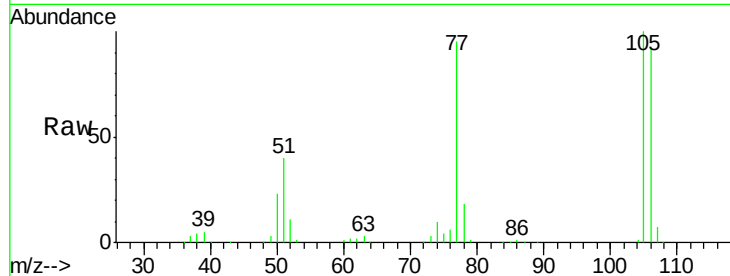




#9
Benzaldehyde
Concen: 53.23 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

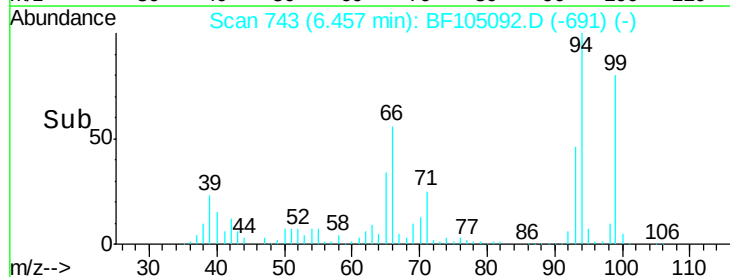
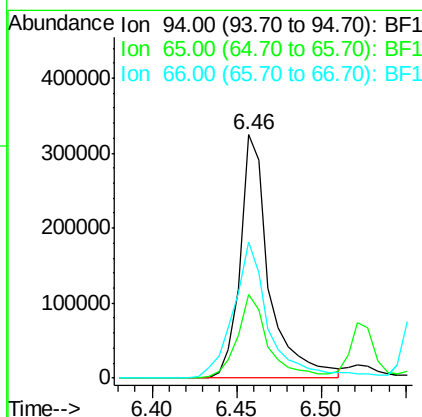
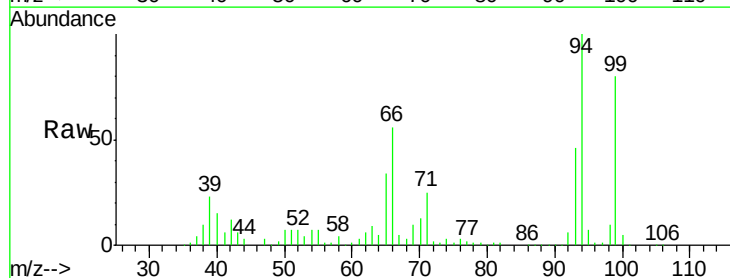
Instrument :
BNA_F
ClientSampled :

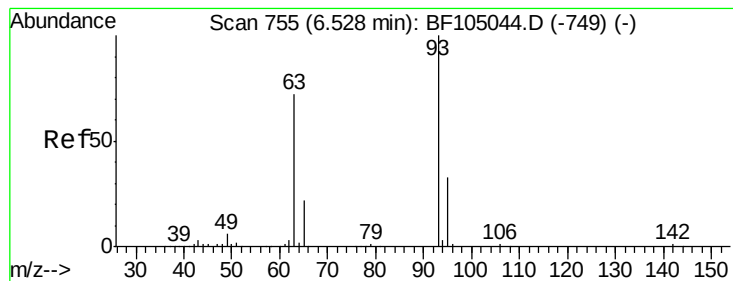
Tot Ion: 77 Resp: 210935
Ion Ratio Lower Upper
77 100
105 105.1 81.1 121.1
106 97.0 74.5 114.5



#10
Phenol
Concen: 41.87 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 94 Resp: 389103
Ion Ratio Lower Upper
94 100
65 34.5 7.9 47.9
66 55.7 16.2 56.2

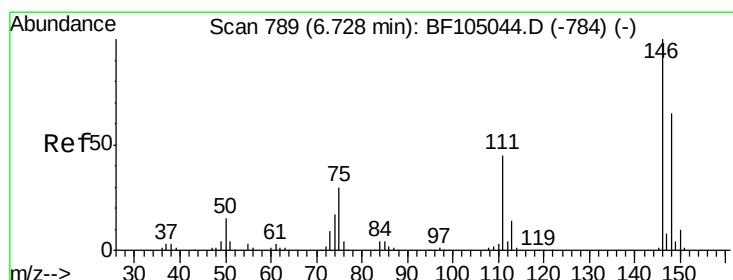
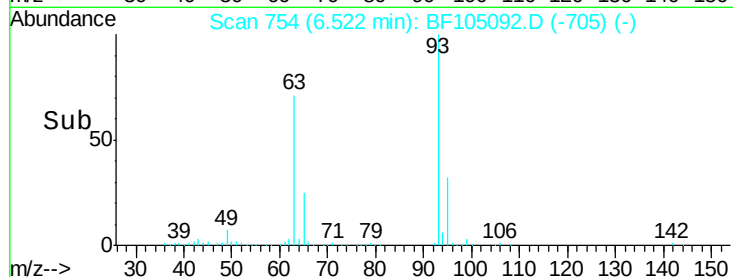
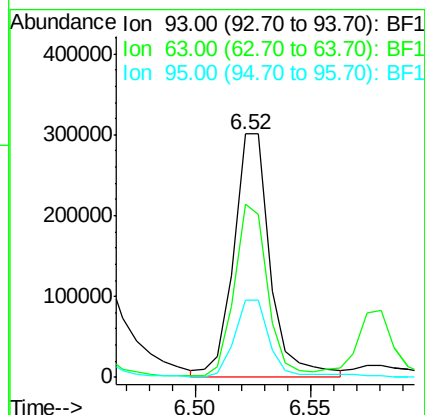
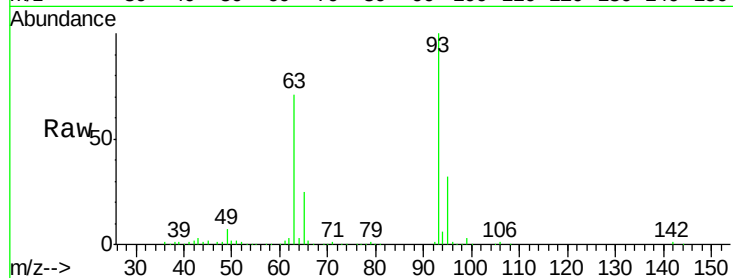




#11
bis(2-Chloroethyl)ether
Concen: 45.08 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

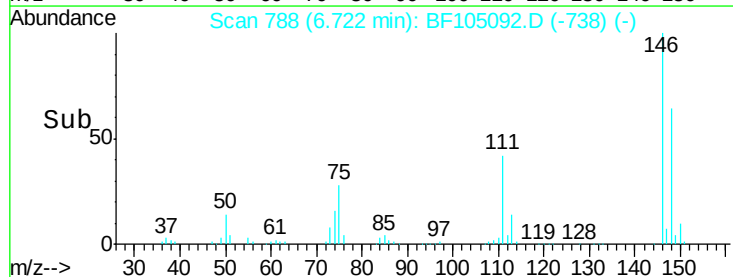
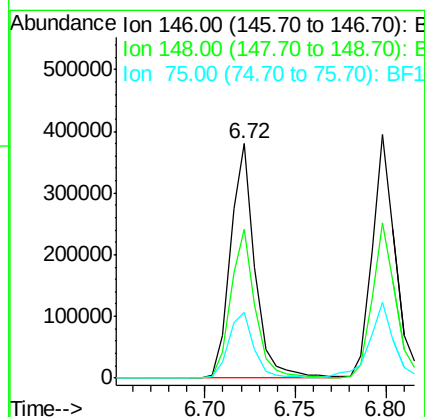
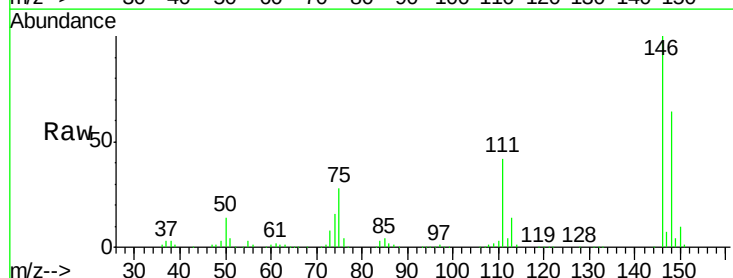
Instrument :
BNA_F
ClientSampleId :

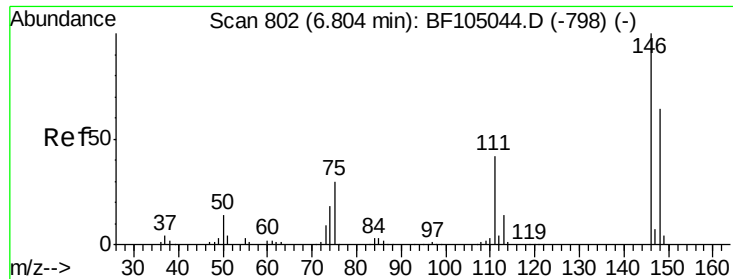
Tot Ion: 93 Resp: 334336
Ion Ratio Lower Upper
93 100
63 70.9 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.76 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 146 Resp: 355931
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 27.9 24.2 36.4

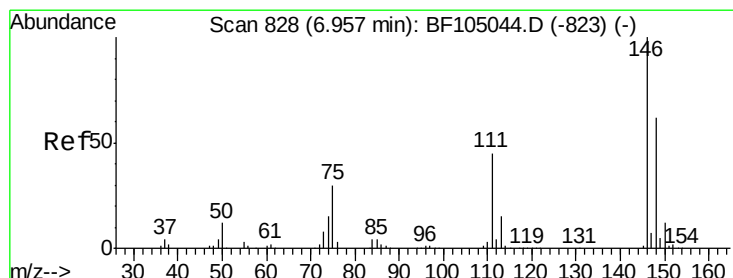
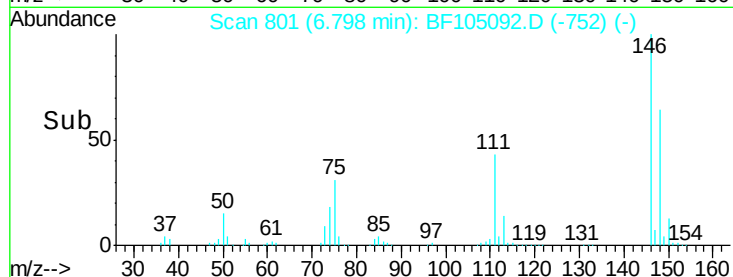
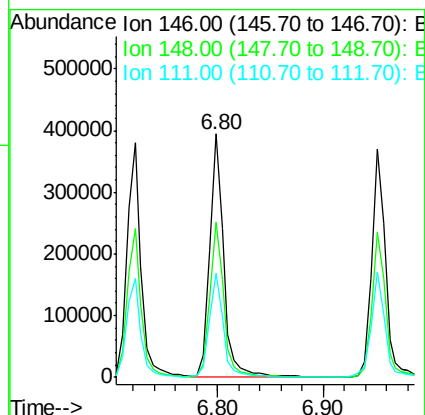
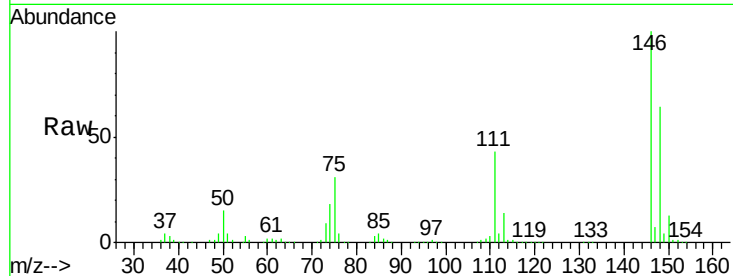




#13
 1,4-Dichlorobenzene
 Concen: 43.17 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

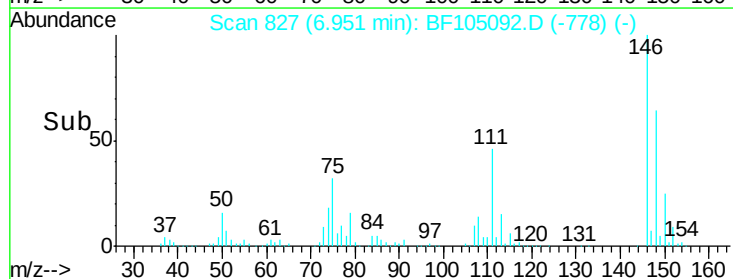
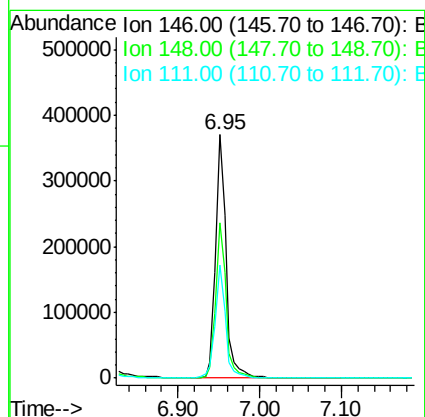
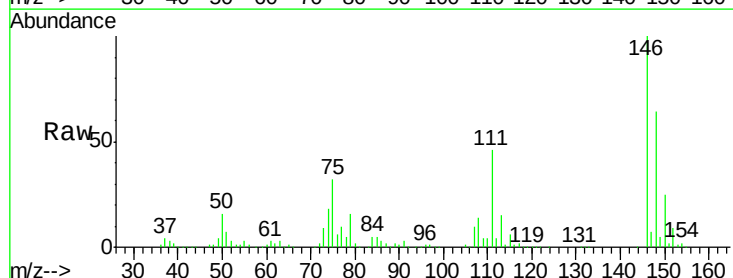
Instrument :
 BNA_F
 ClientSampled :

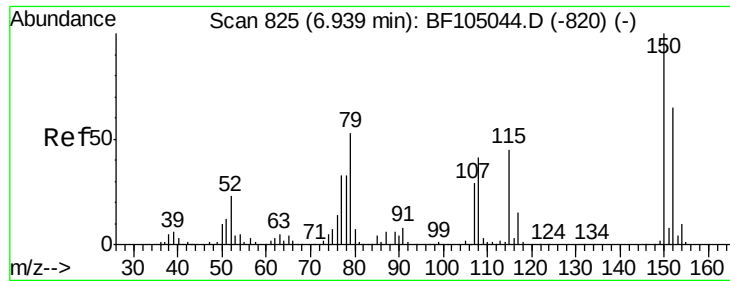
Tot Ion:146 Resp: 366837
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.25 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:146 Resp: 332667
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 46.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.77 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

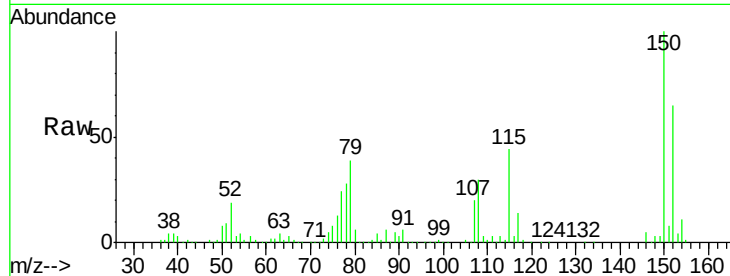
Tot Ion: 79 Resp: 251235

Ion Ratio Lower Upper

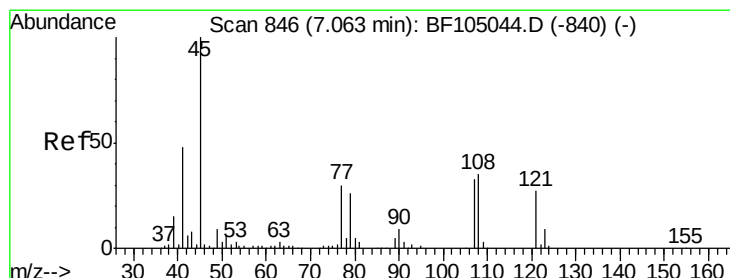
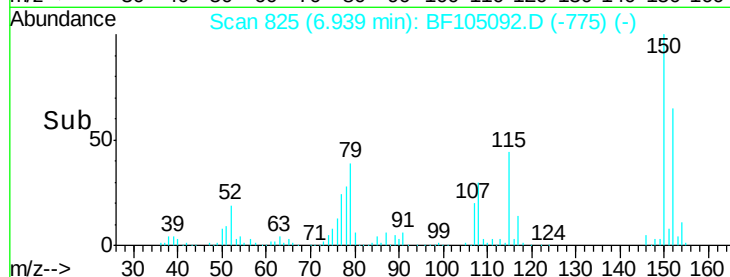
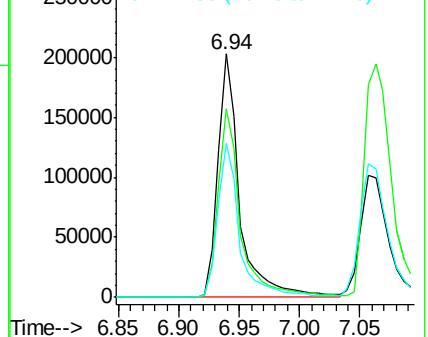
79 100

108 77.3 65.1 97.7

77 63.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.16 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

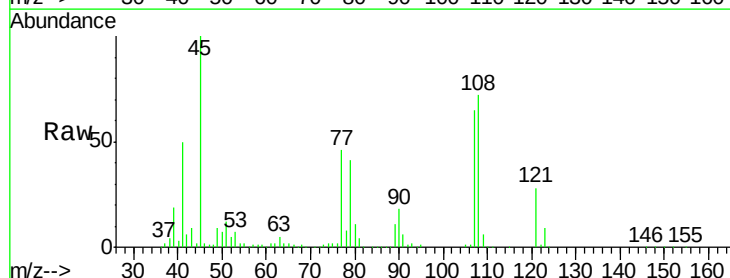
Tgt Ion: 45 Resp: 350151

Ion Ratio Lower Upper

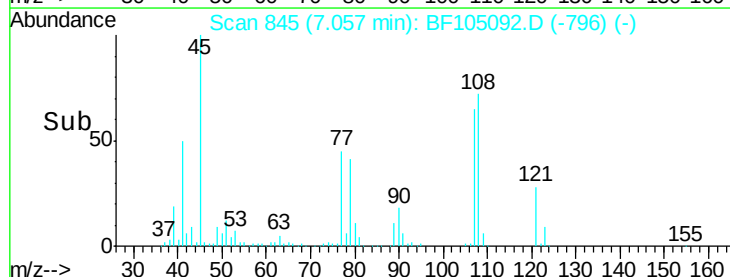
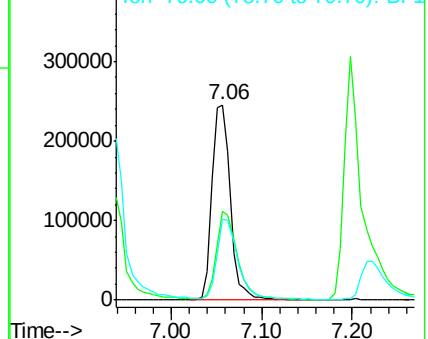
45 100

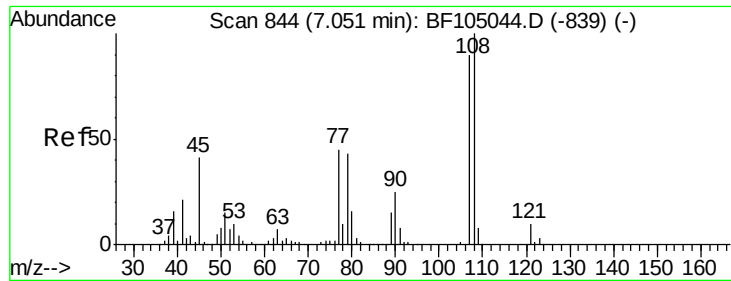
77 45.5 0.0 32.9#

79 41.3 0.0 29.6#



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





#17

2-Methylphenol

Concen: 42.14 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 275578

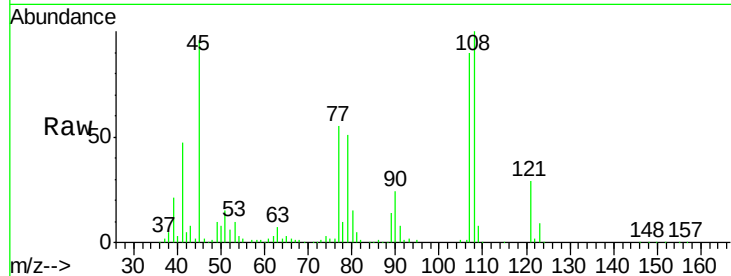
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 60.9 33.8 50.8#

79 56.9 33.8 50.8#

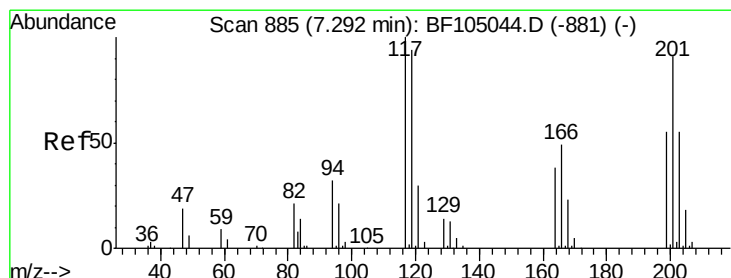
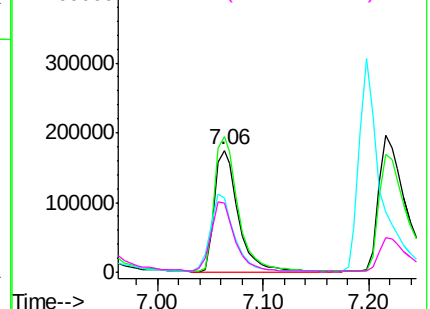
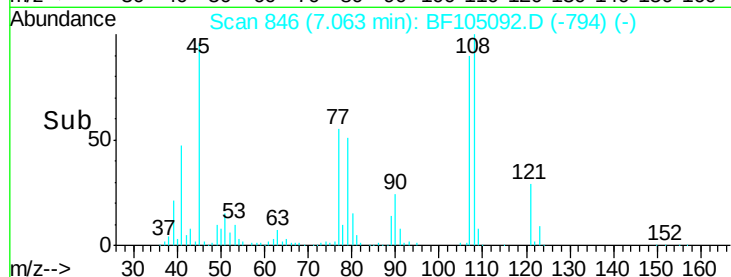


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.73 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

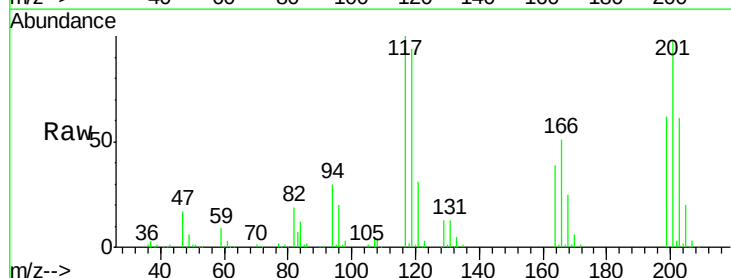
Tgt Ion:117 Resp: 120371

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

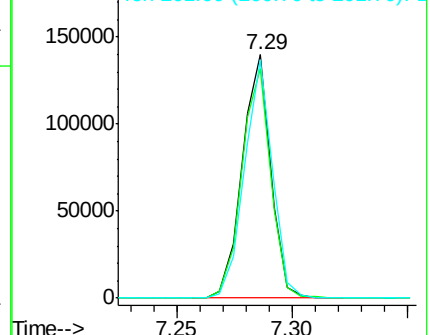
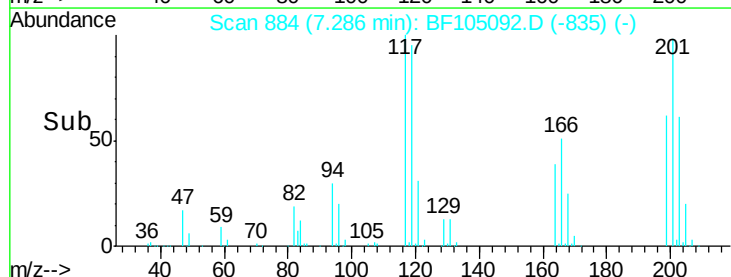
201 98.1 75.7 113.5

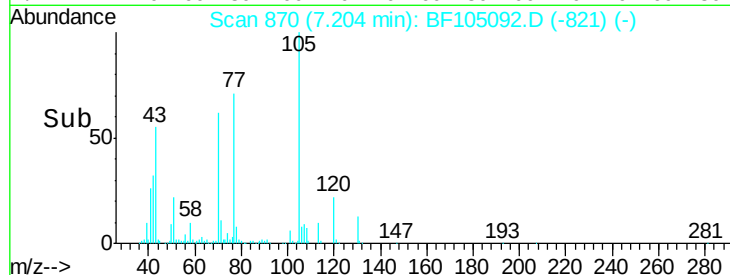
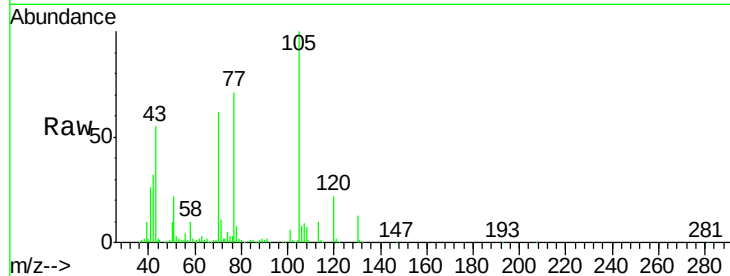
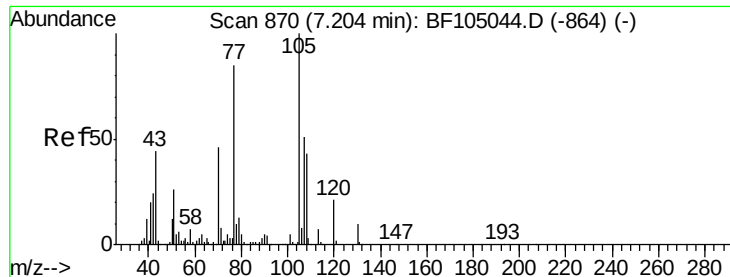


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

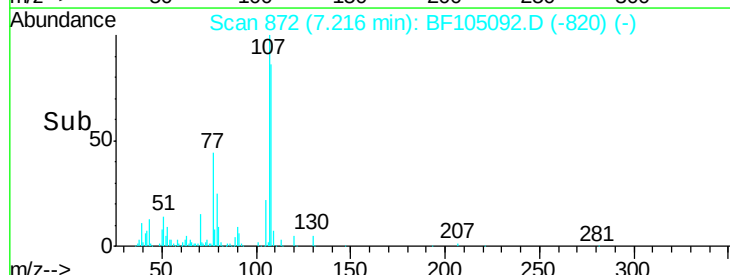
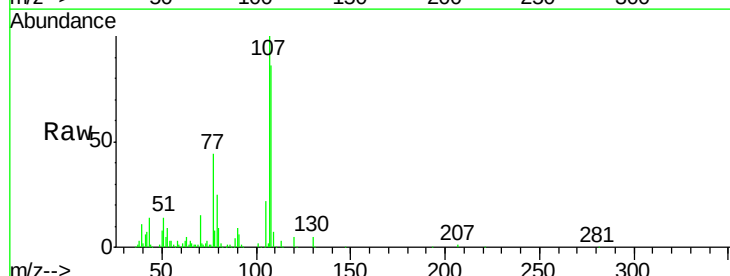
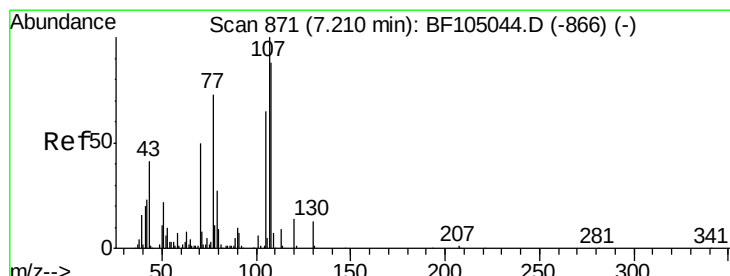
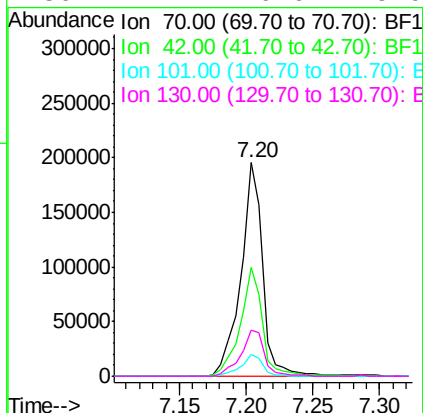




#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

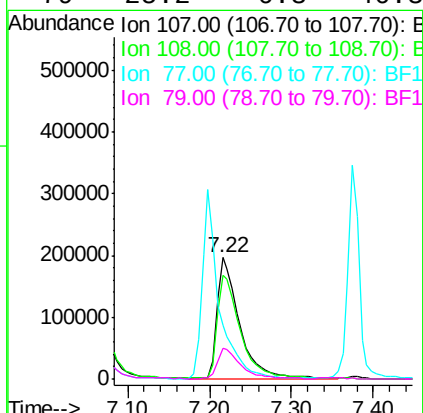
Instrument :
BNA_F
ClientSampled :

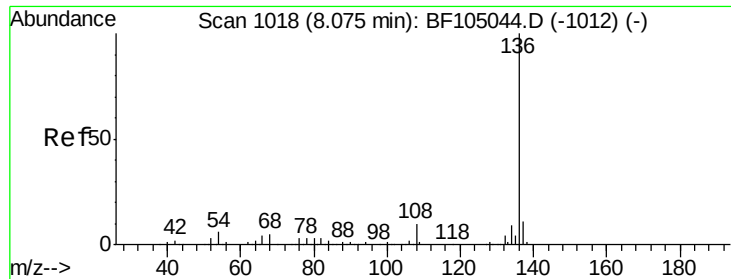
Tot Ion: 70 Resp: 221814
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 10.1 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.56 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:107 Resp: 369551
Ion Ratio Lower Upper
107 100
108 86.0 68.2 108.2
77 44.3 26.7 66.7
79 25.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 434966

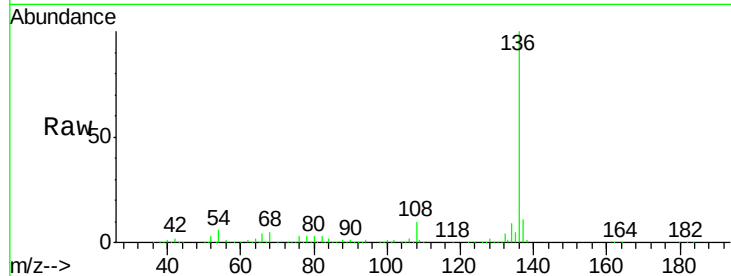
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.9 6.6 9.8#

68 5.0 5.0 7.4

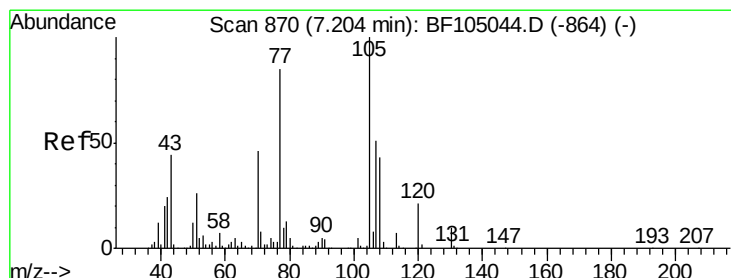
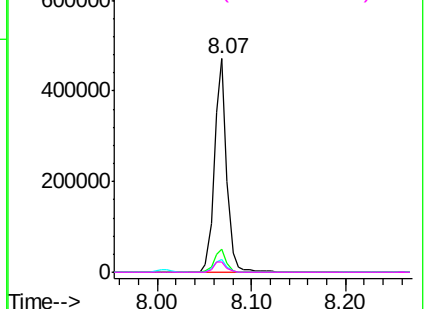
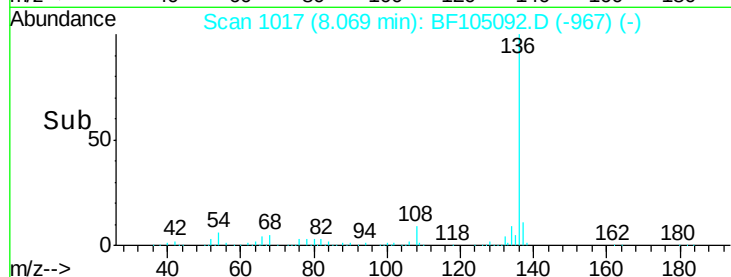


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.56 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Tgt Ion:105 Resp: 477138

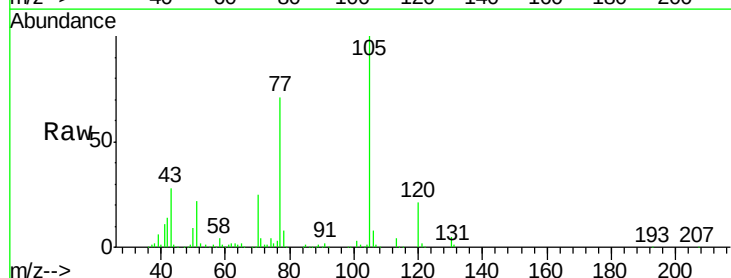
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 21.9 22.3 33.5#

120 21.3 16.9 25.3

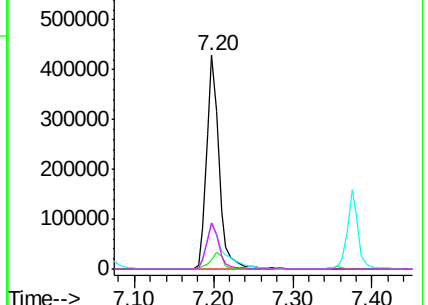
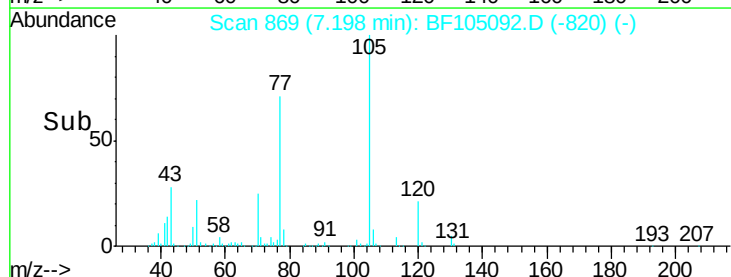


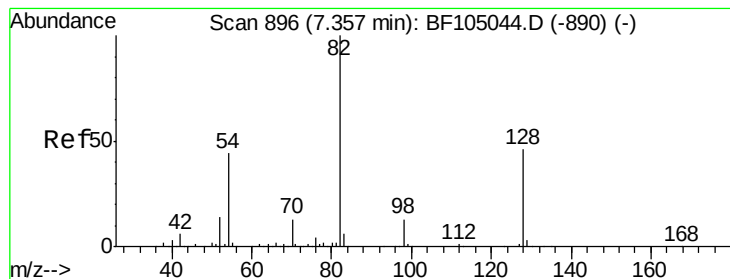
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.59 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

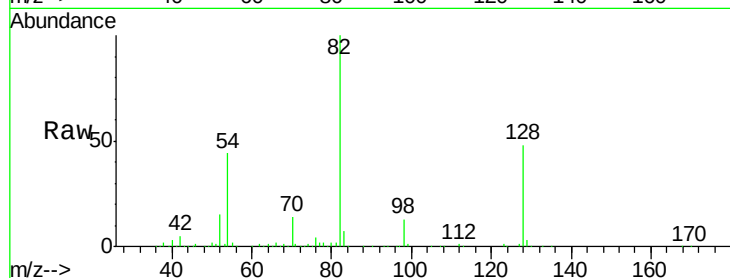
Tot Ion: 82 Resp: 650044

Ion Ratio Lower Upper

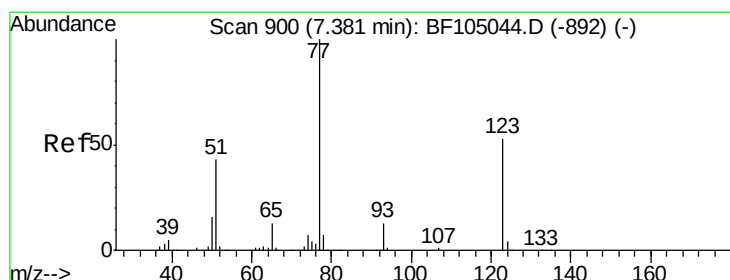
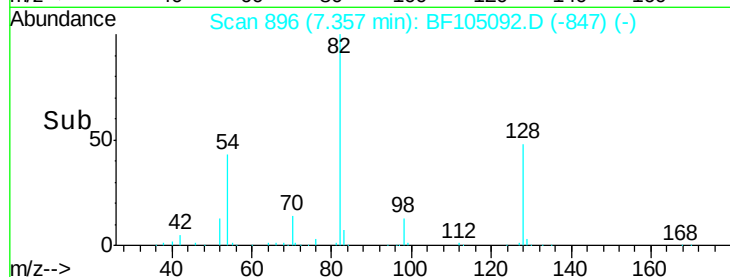
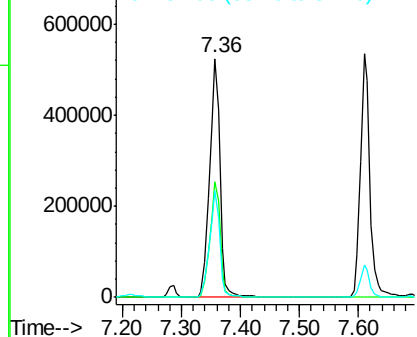
82 100

128 48.3 36.1 54.1

54 44.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 45.22 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

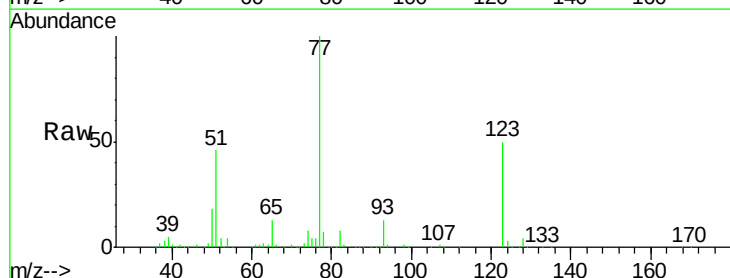
Tgt Ion: 77 Resp: 332538

Ion Ratio Lower Upper

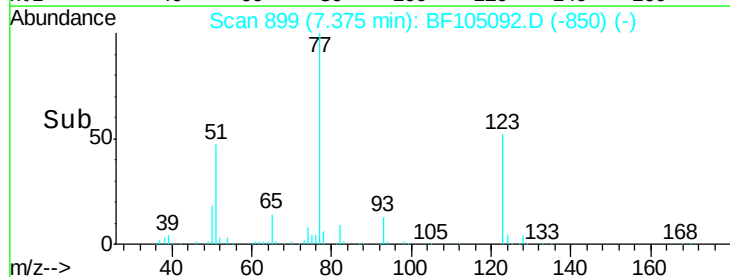
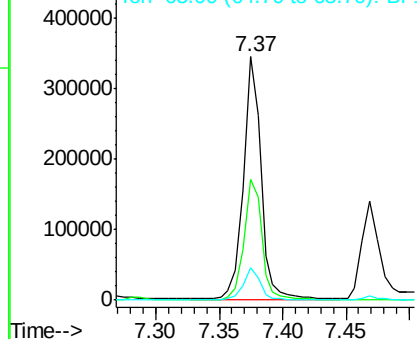
77 100

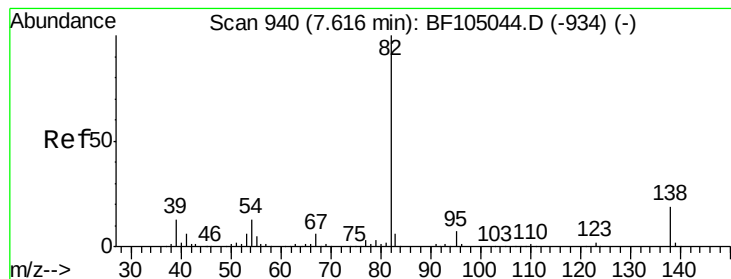
123 49.6 37.9 56.9

65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 43.10 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

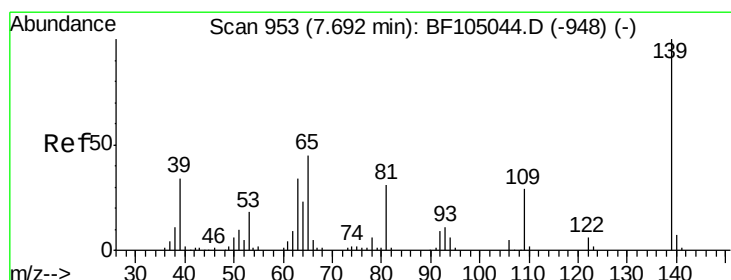
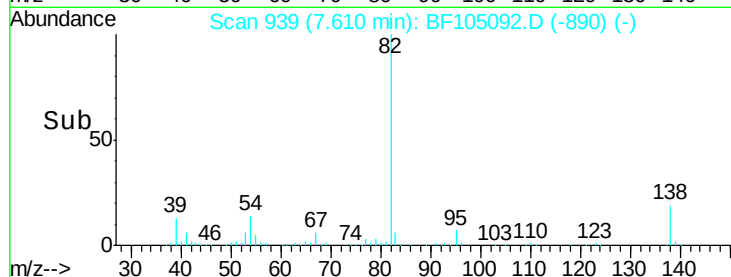
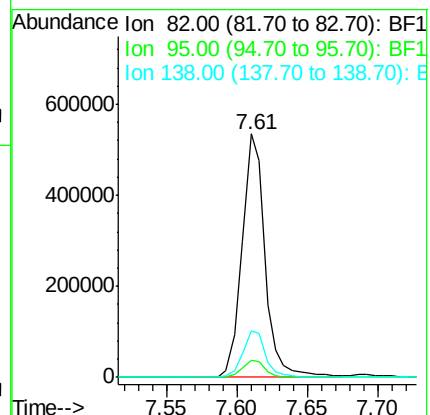
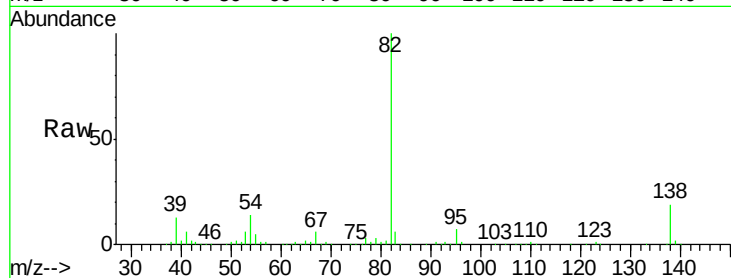
Tot Ion: 82 Resp: 607145

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 61.31 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

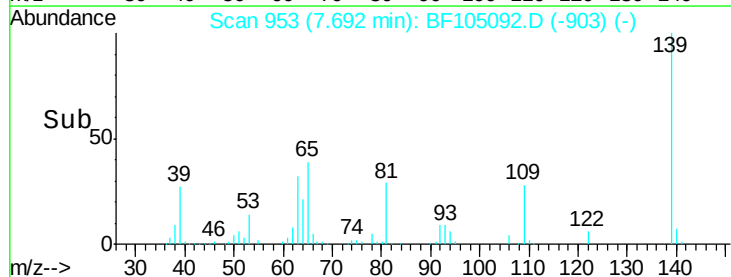
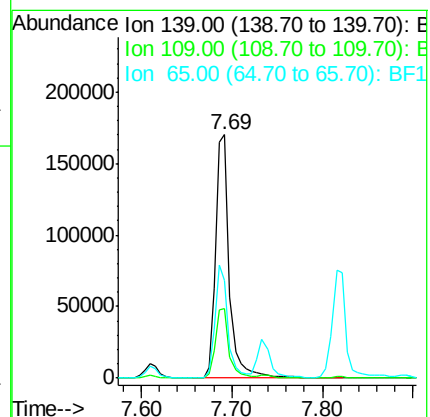
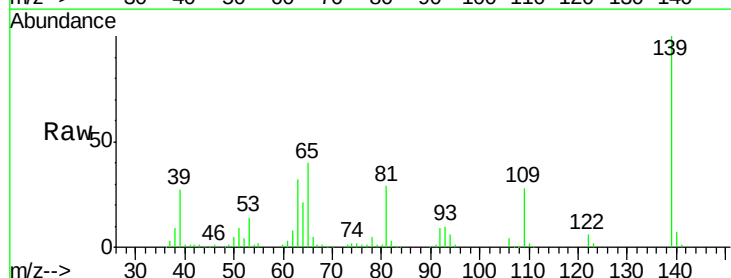
Tgt Ion: 139 Resp: 183566

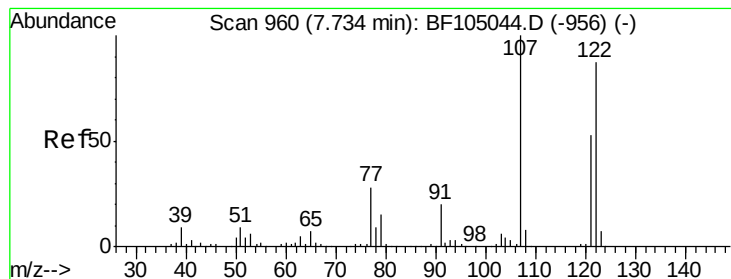
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 40.0 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 47.04 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

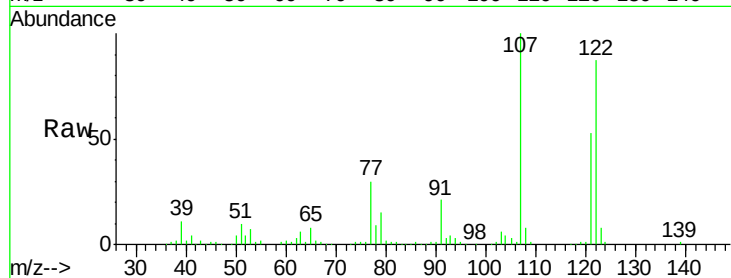
Tot Ion:122 Resp: 292431

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

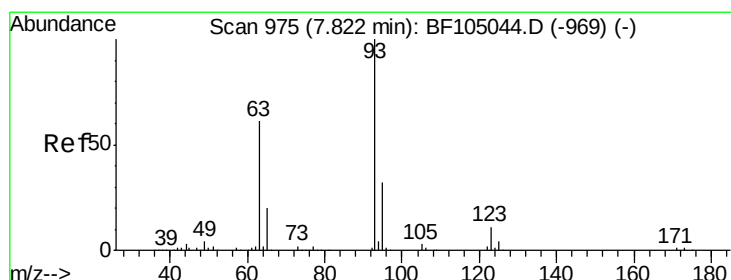
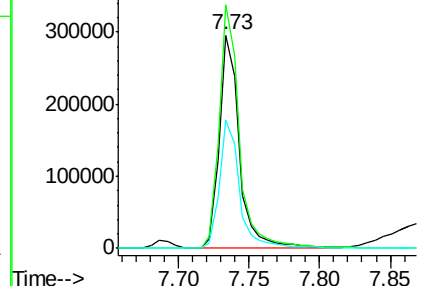
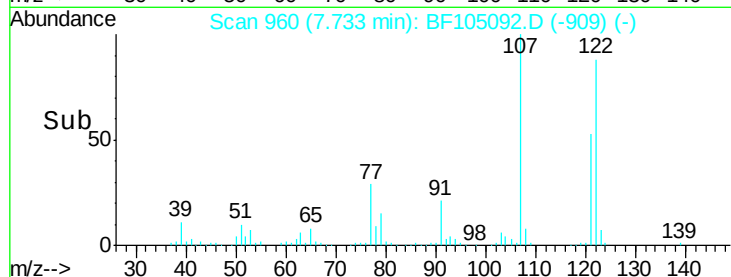
121 60.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.84 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

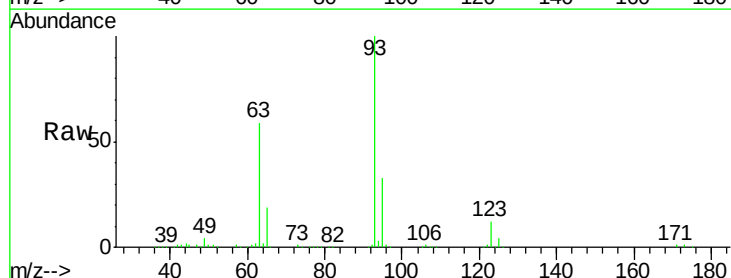
Tgt Ion: 93 Resp: 394814

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

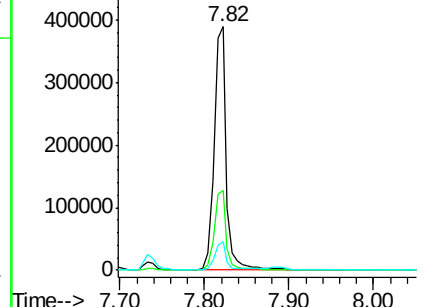
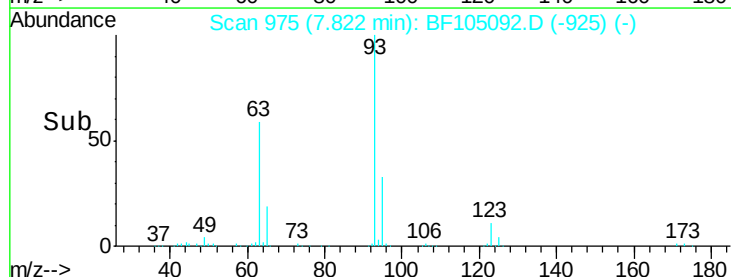
123 11.6 9.8 14.6

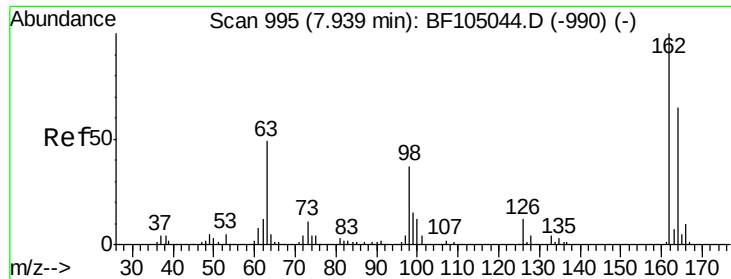


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

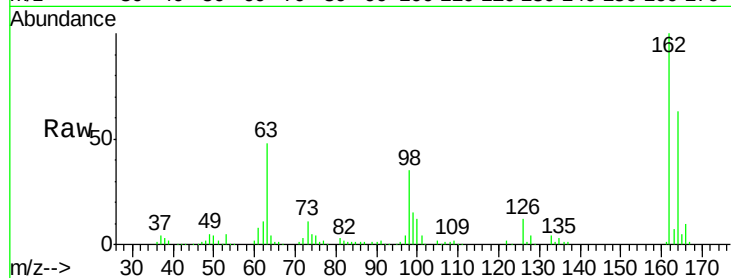




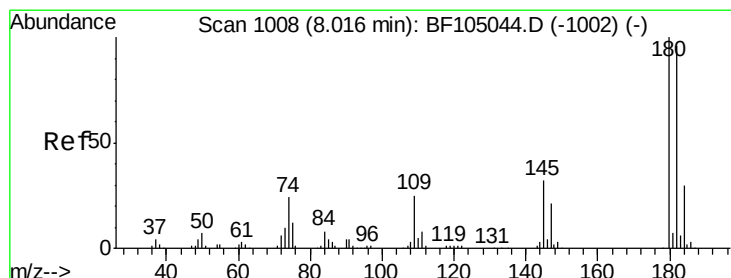
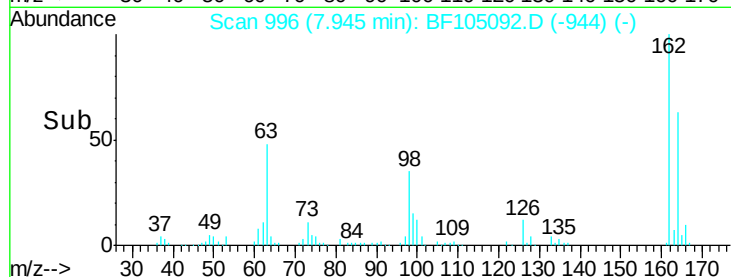
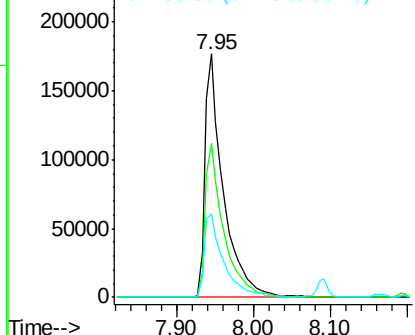
#29
 2,4-Dichlorophenol
 Concen: 48.74 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 289078
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 34.5 18.1 58.1

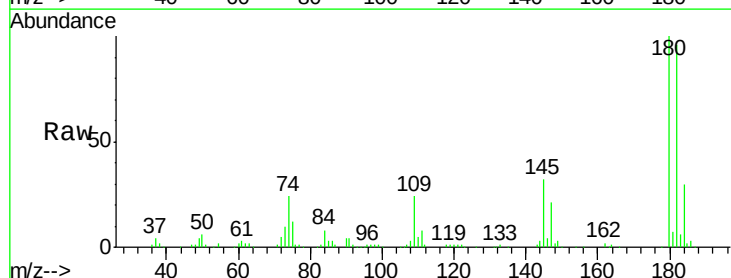


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

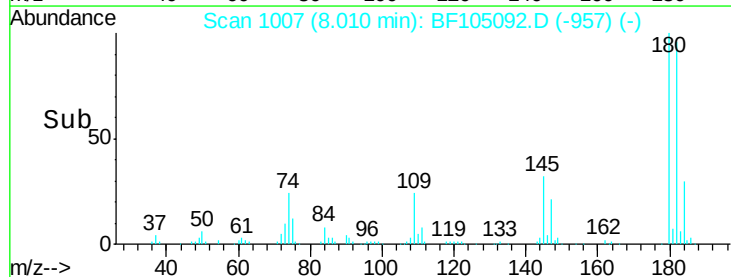
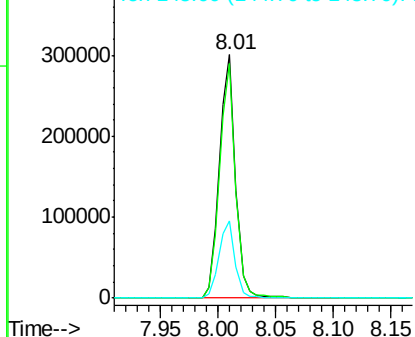


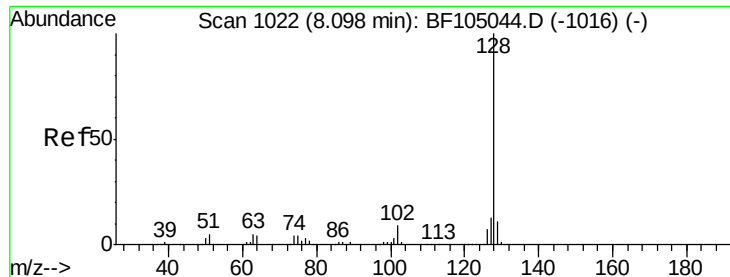
#30
 1,2,4-Trichlorobenzene
 Concen: 44.81 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:180 Resp: 291681
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.8 115.2
 145 32.0 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

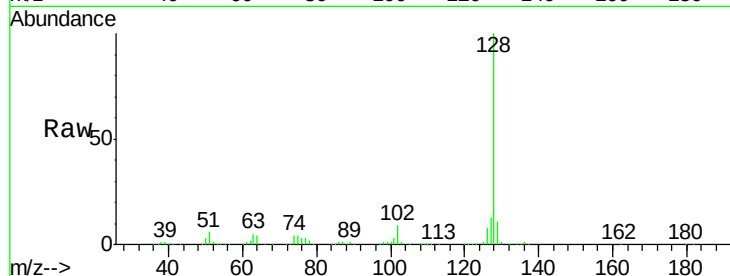




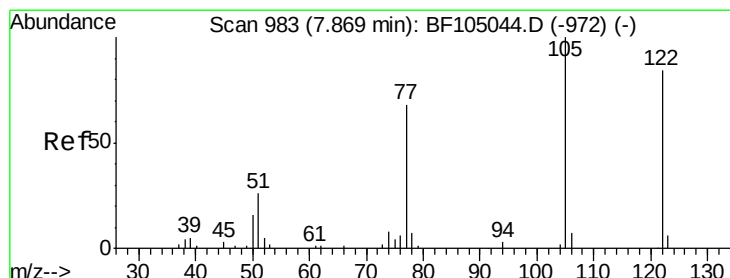
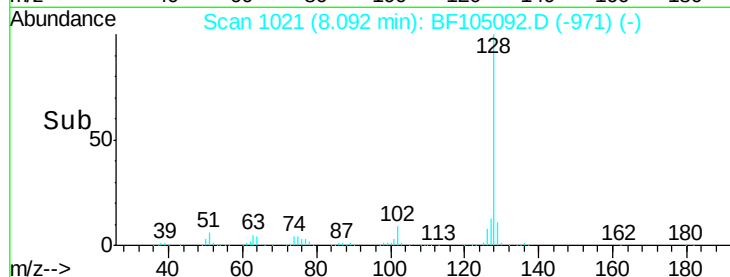
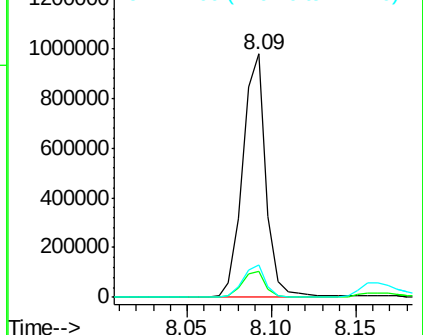
#31
Naphthalene
Concen: 43.36 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 939103
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3

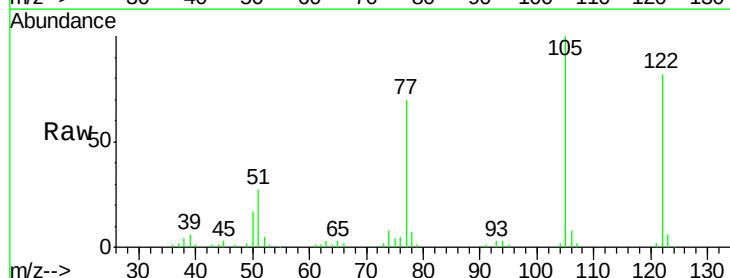


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

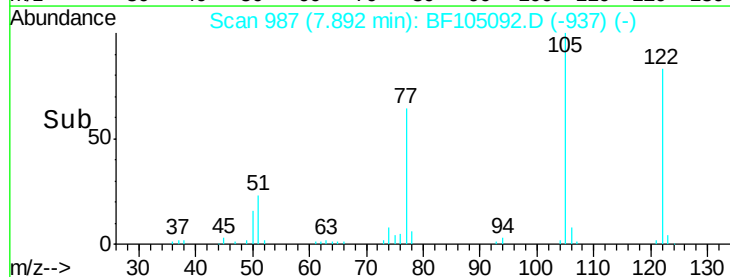
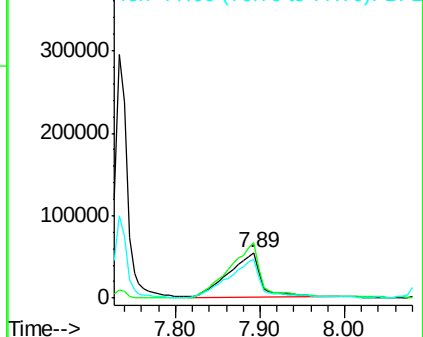


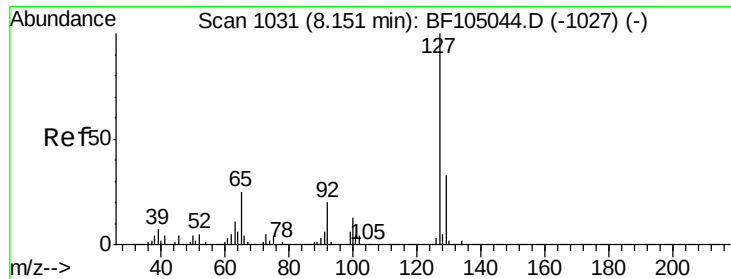
#32
Benzoic acid
Concen: 29.28 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:122 Resp: 145245
Ion Ratio Lower Upper
122 100
105 122.0 101.1 141.1
77 85.2 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

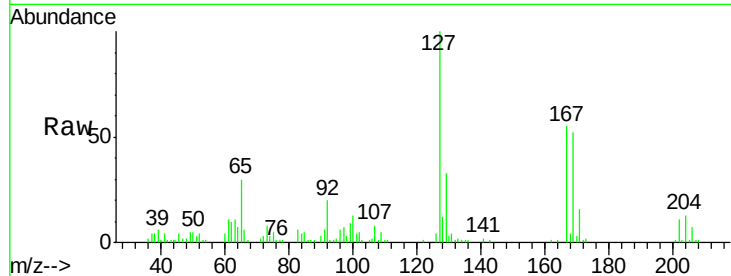




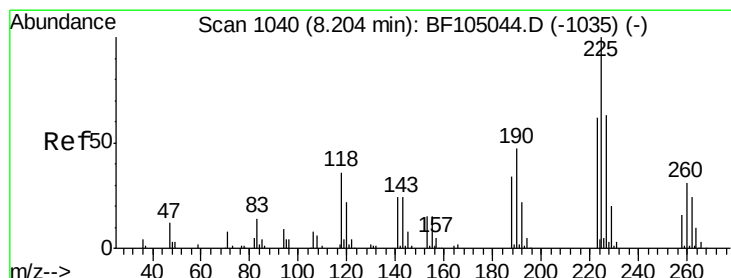
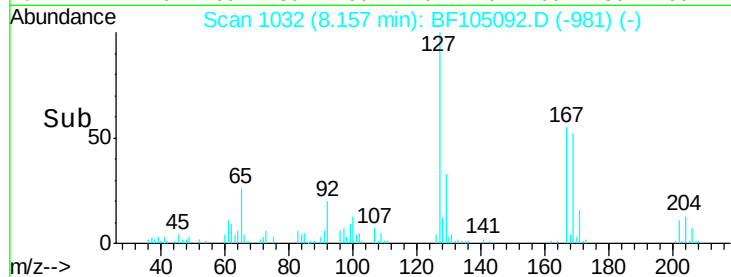
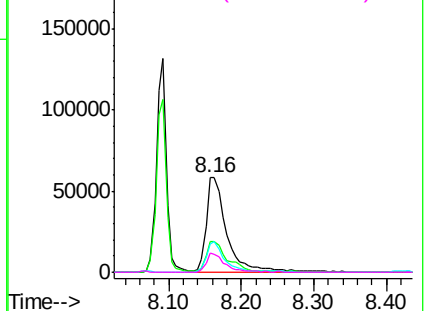
#33
4-Chloroaniline
Concen: 12.23 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	113437
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.6	25.0	37.4
92	19.9	15.2	22.8

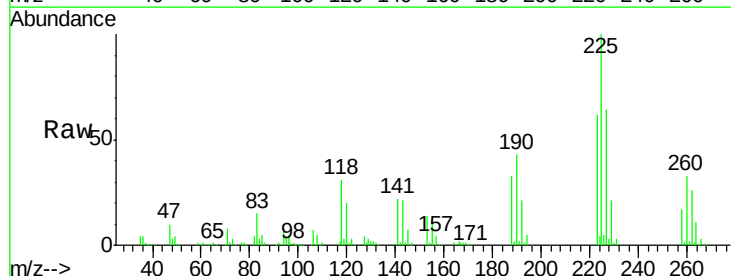


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

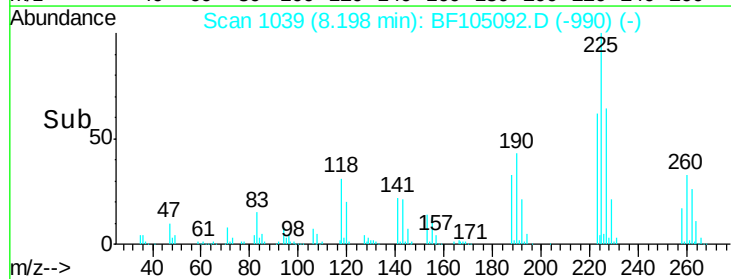
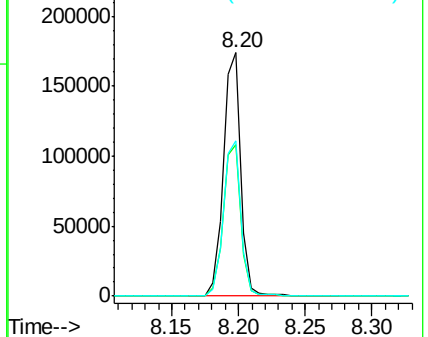


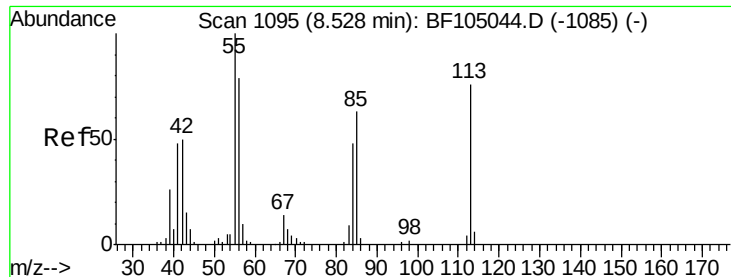
#34
Hexachlorobutadiene
Concen: 45.18 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:	225	Resp:	161092
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.9	51.9	77.9



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





#35

Caprolactam

Concen: 41.10 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

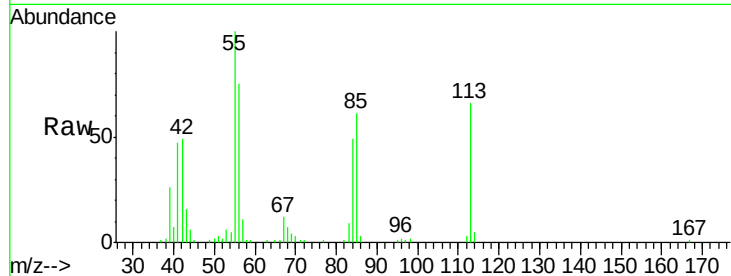
Tot Ion:113 Resp: 85053

Ion Ratio Lower Upper

113 100

55 150.8 163.3 203.3#

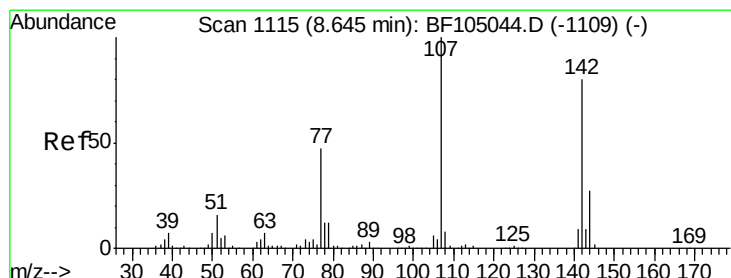
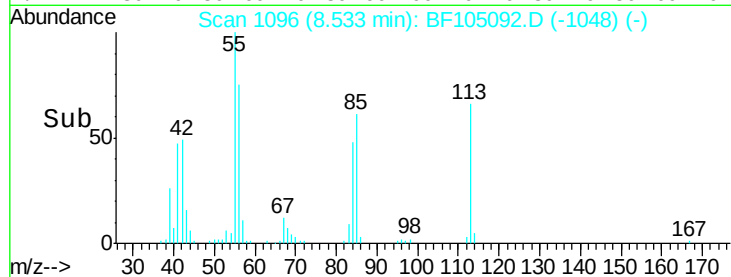
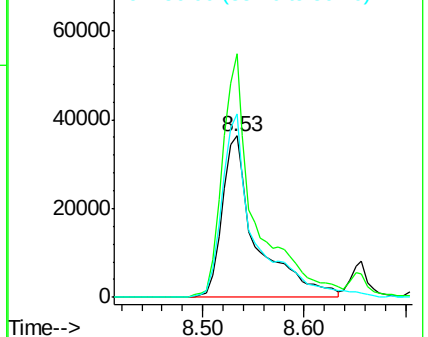
56 113.3 115.7 155.7#



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: 44.84 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

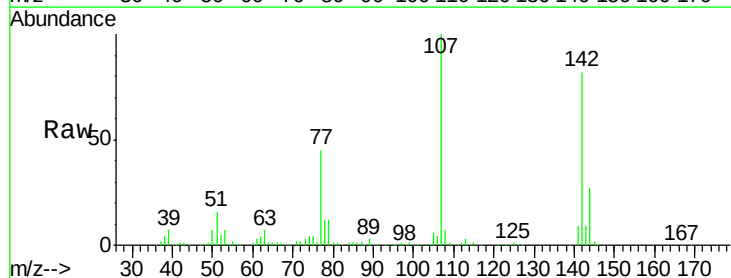
Tgt Ion:107 Resp: 285188

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

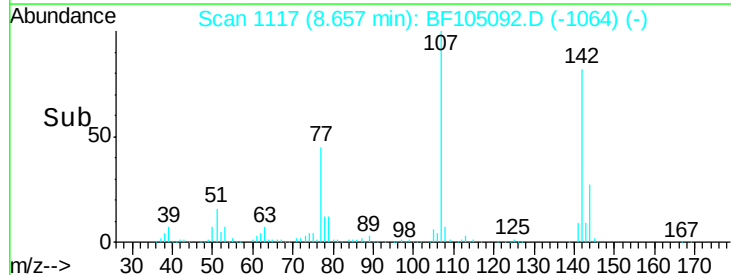
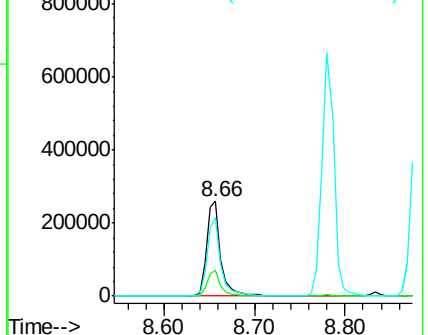
142 82.1 62.0 93.0

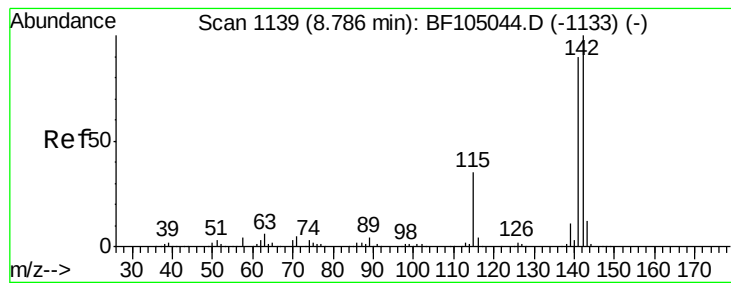


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

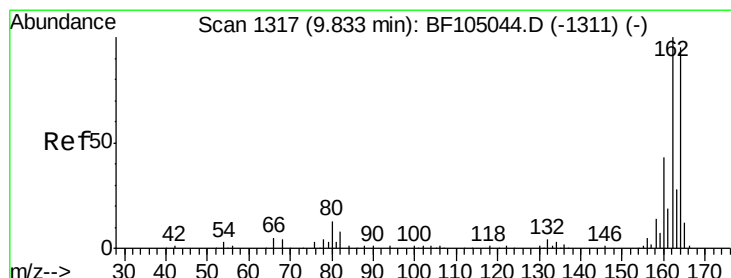
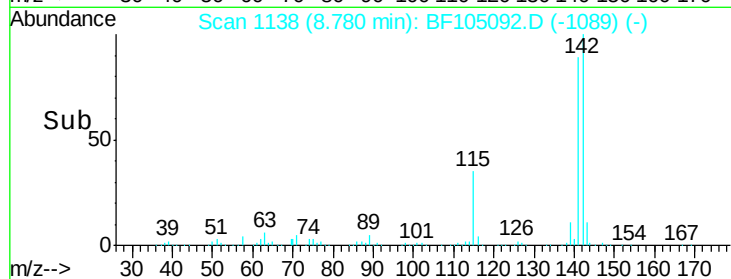
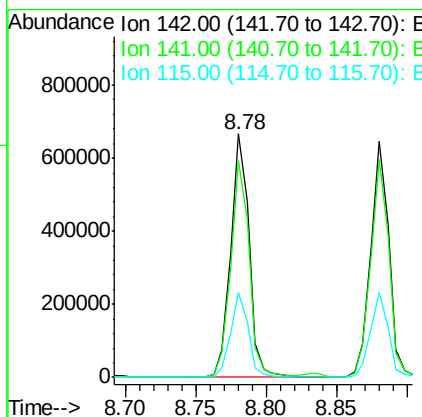
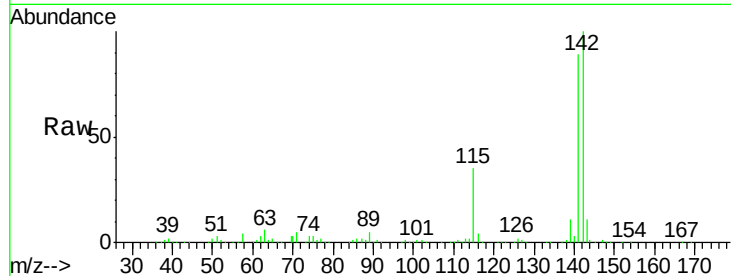




#37
 2-Methylnaphthalene
 Concen: 43.03 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

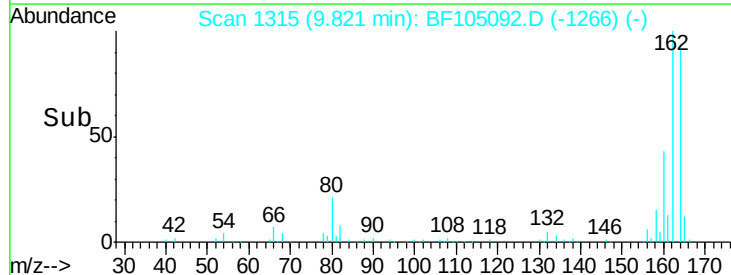
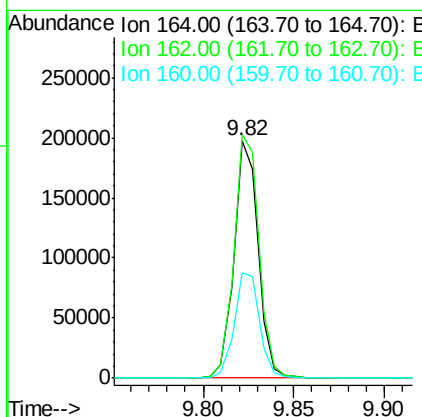
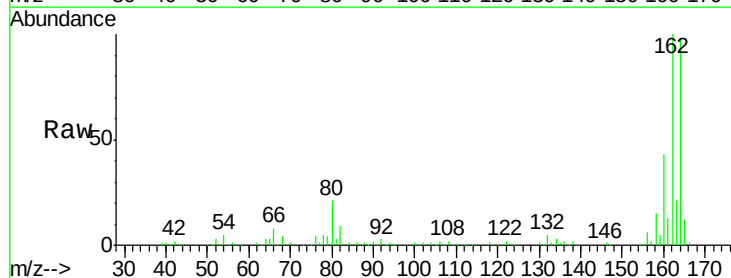
Instrument :
 BNA_F
 ClientSampleId :

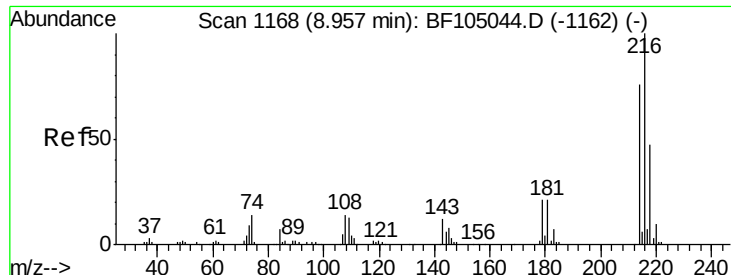
Tot Ion:142 Resp: 602902
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 35.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:164 Resp: 183606
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.4 38.3 57.5

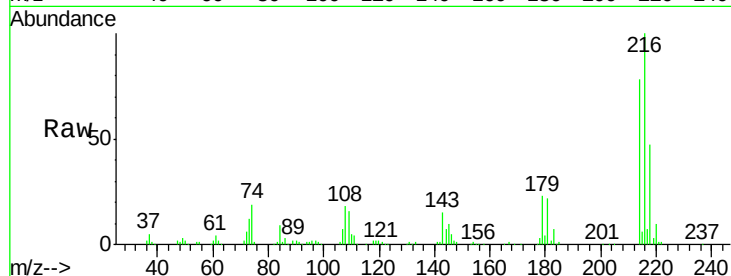




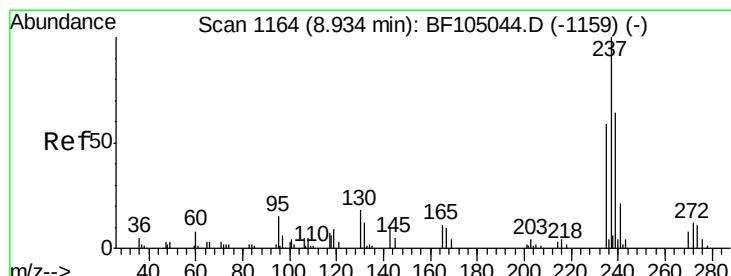
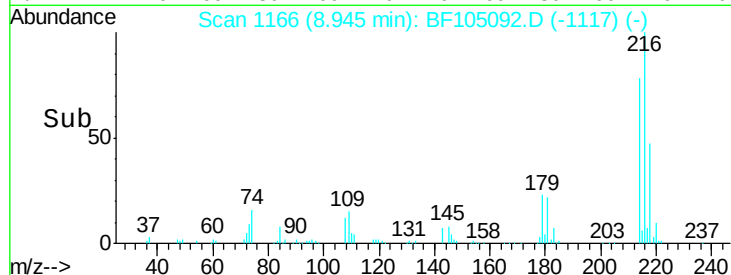
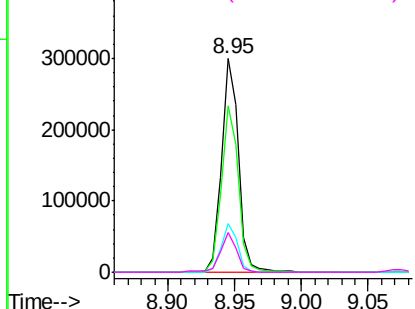
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.28 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 269519
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.0 94.4
 179 22.0 18.1 27.1
 108 18.0 17.2 25.8

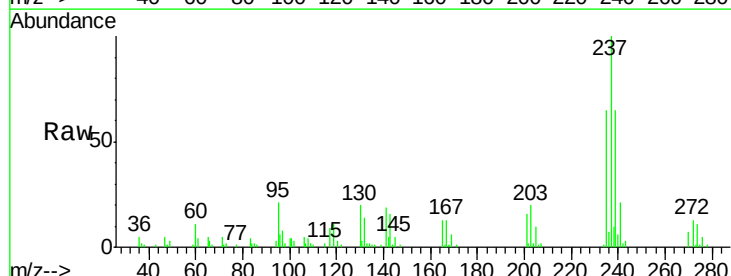


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

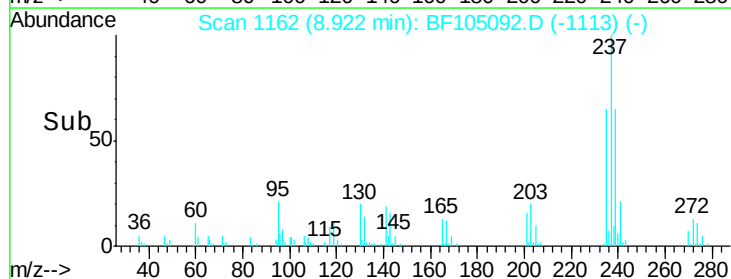
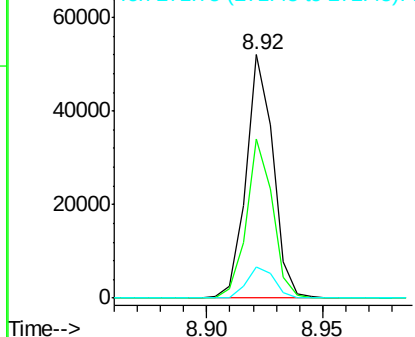


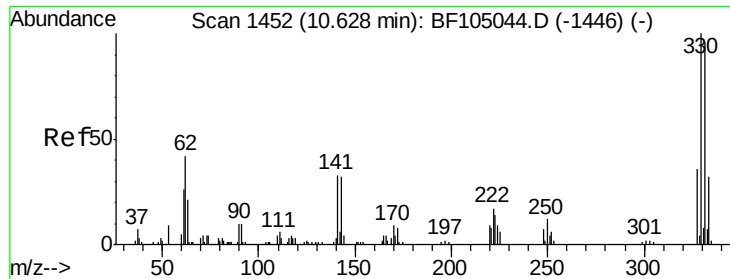
#40
 Hexachlorocyclopentadiene
 Concen: 14.51 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:237 Resp: 42686
 Ion Ratio Lower Upper
 237 100
 235 65.4 44.8 84.8
 272 12.8 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: 121.18 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

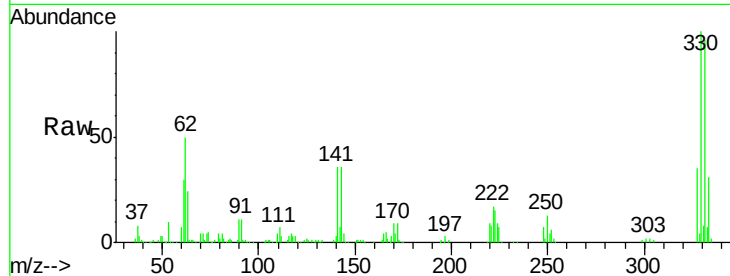
Tot Ion:330 Resp: 230790

Ion Ratio Lower Upper

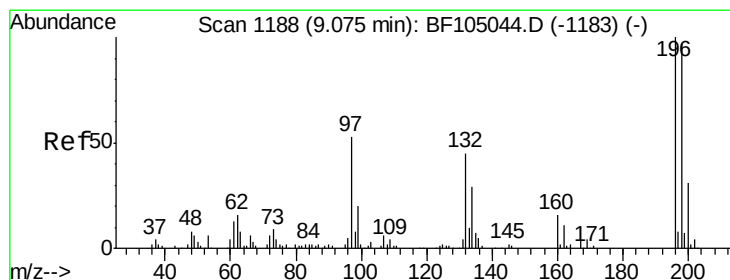
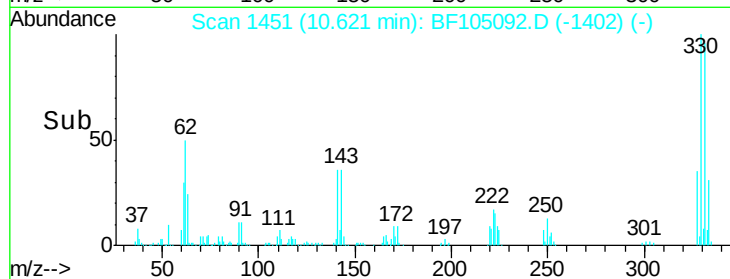
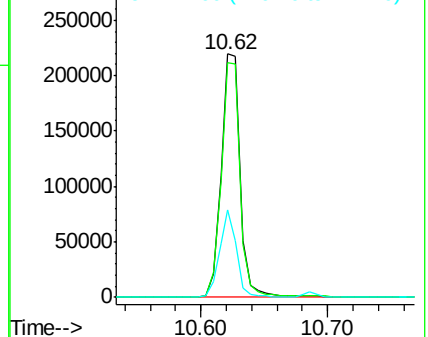
330 100

332 97.4 77.0 115.6

141 32.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 49.56 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

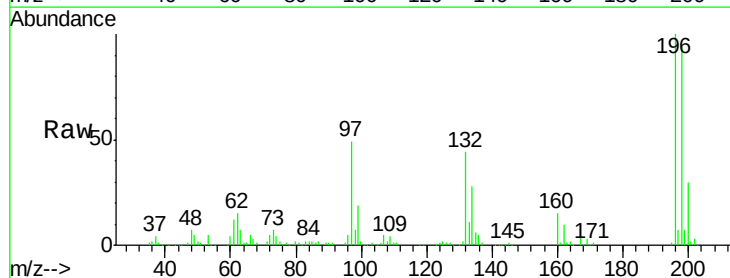
Tgt Ion:196 Resp: 180817

Ion Ratio Lower Upper

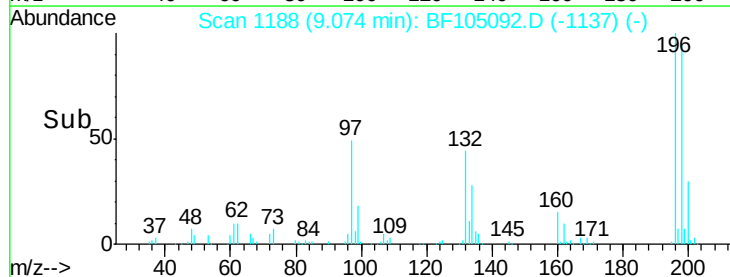
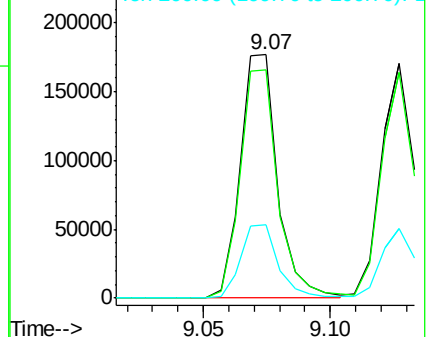
196 100

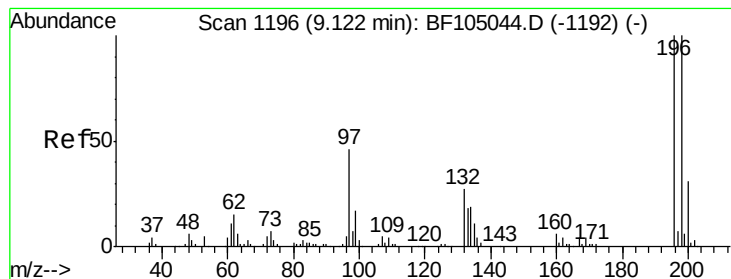
198 93.7 75.7 113.5

200 30.1 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: 43.25 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 176566

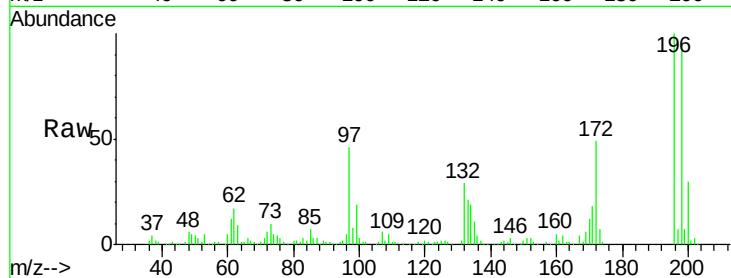
Ion Ratio Lower Upper

196 100

198 96.4 74.6 112.0

97 46.2 42.9 64.3

132 29.2 26.3 39.5

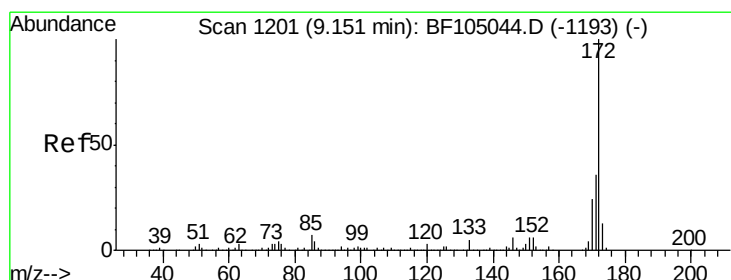
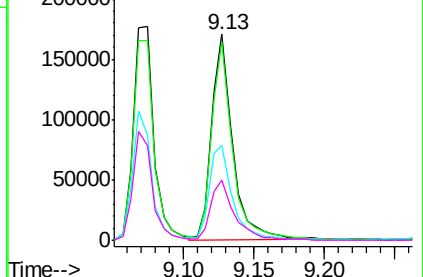
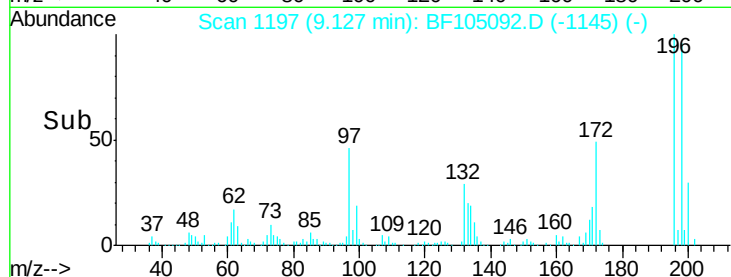


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 95.19 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

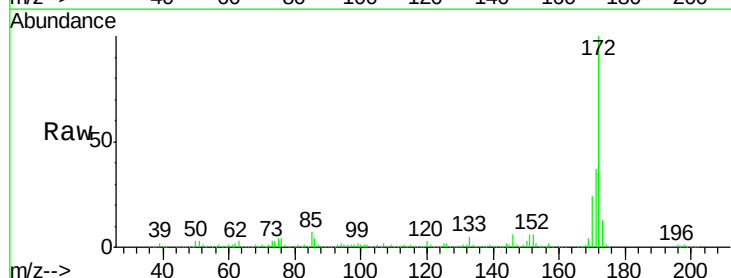
Tgt Ion:172 Resp: 1106285

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

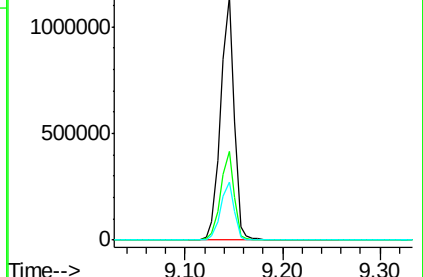
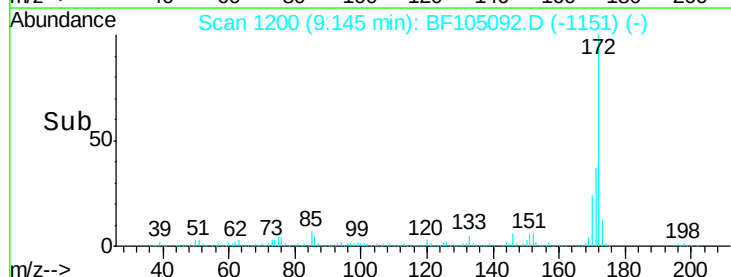
170 23.9 19.6 29.4

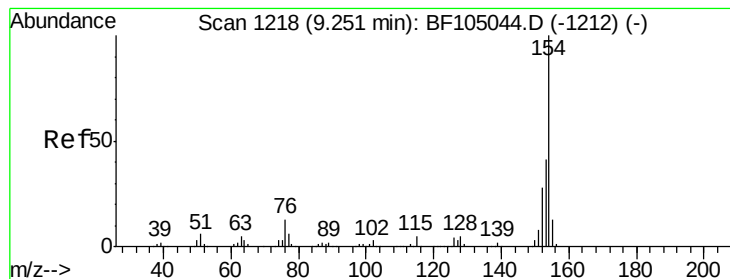


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.41 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

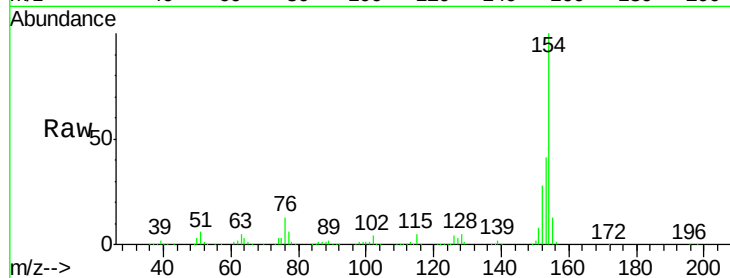
Tot Ion:154 Resp: 715799

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

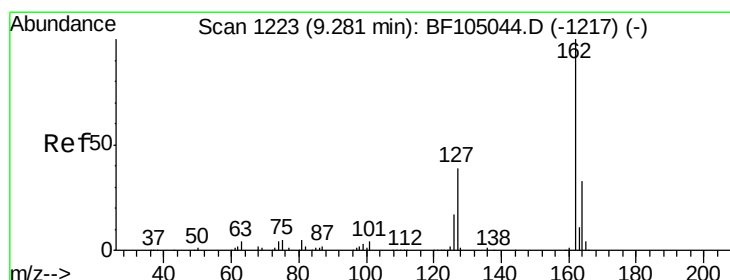
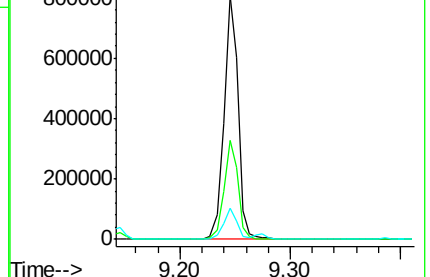
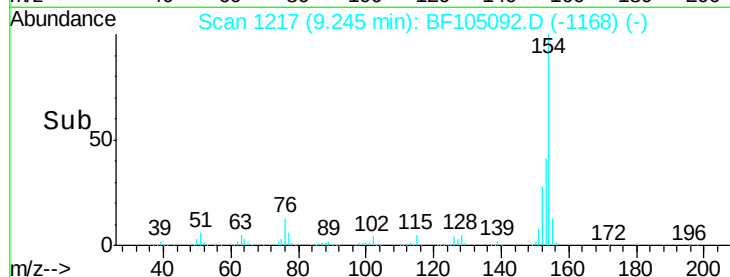
76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.85 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

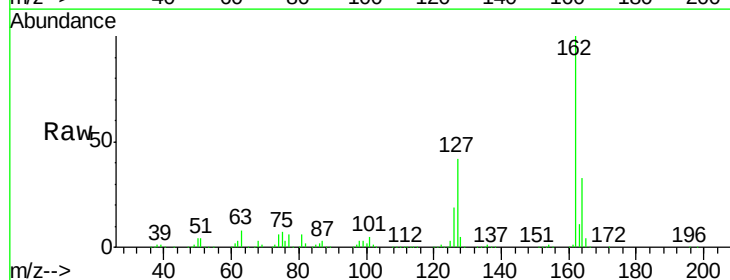
Tgt Ion:162 Resp: 558579

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

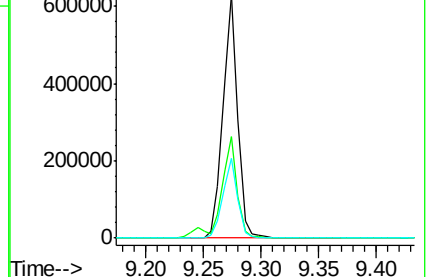
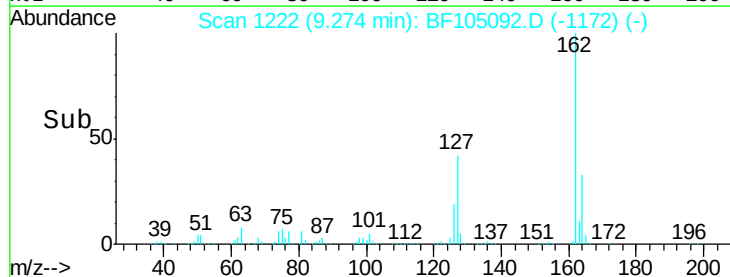
164 32.9 26.5 39.7

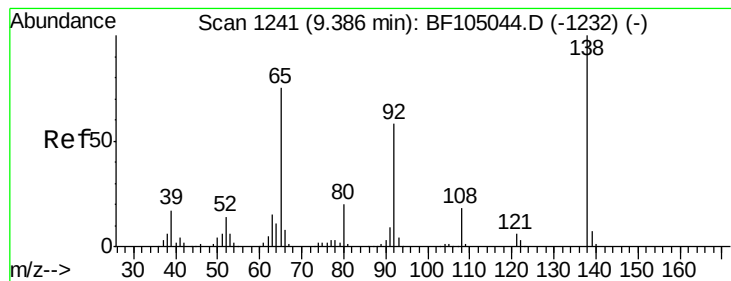


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.43 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

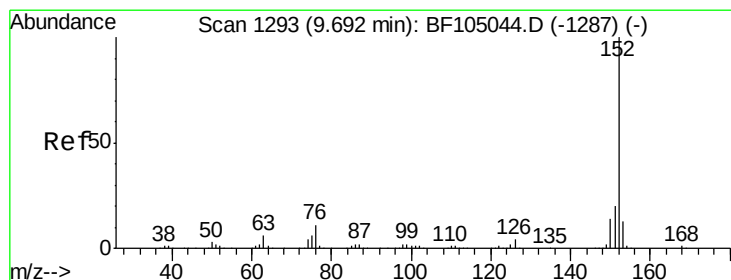
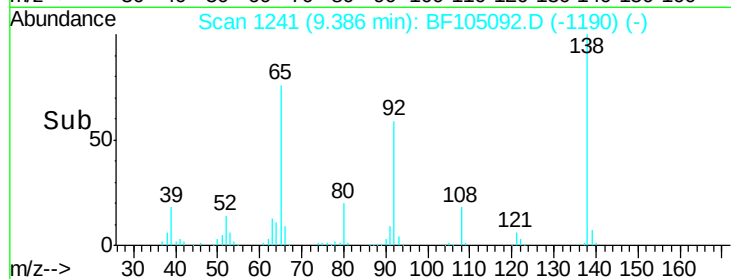
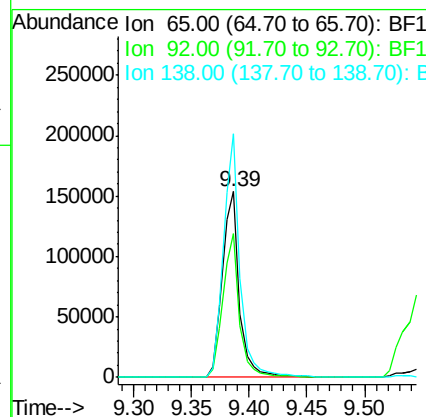
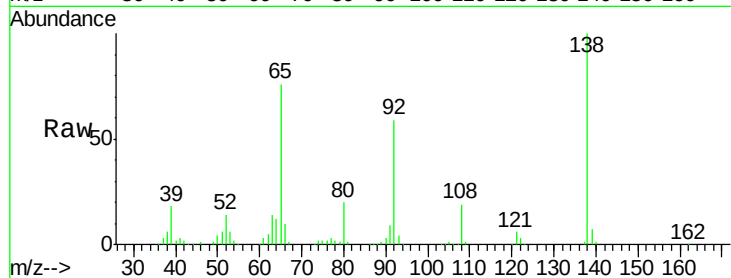
Tot Ion: 65 Resp: 157976

Ion Ratio Lower Upper

65 100

92 77.2 55.8 83.6

138 131.3 91.2 136.8



#48

Acenaphthylene

Concen: 40.78 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

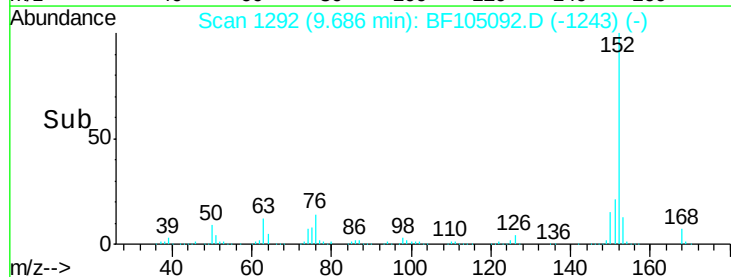
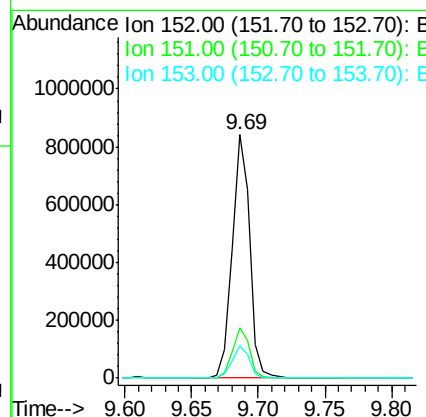
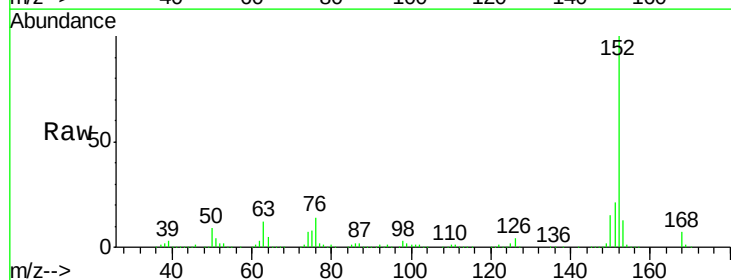
Tgt Ion: 152 Resp: 779439

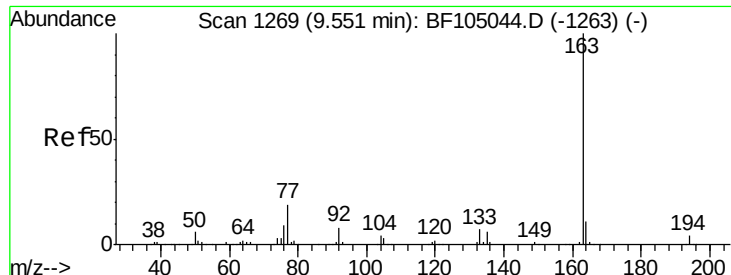
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 52.20 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

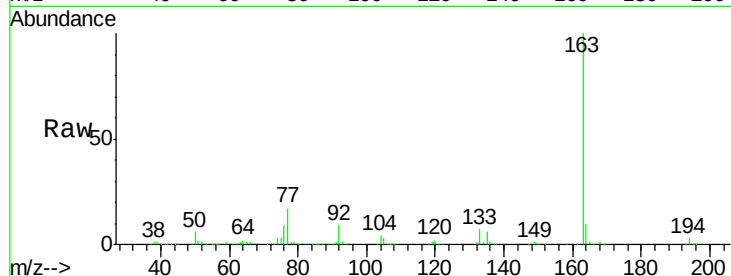
Tot Ion:163 Resp: 755740

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

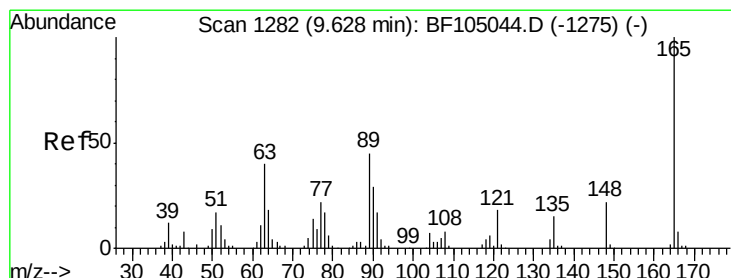
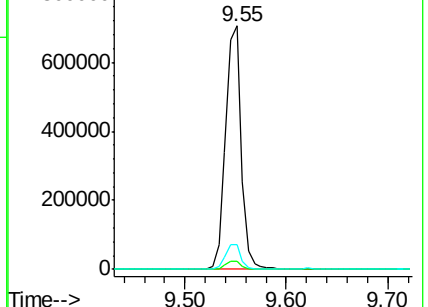
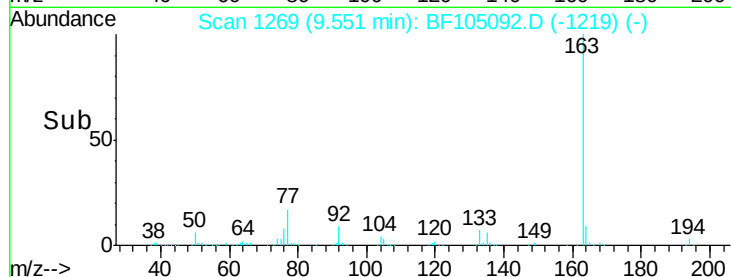
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.89 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

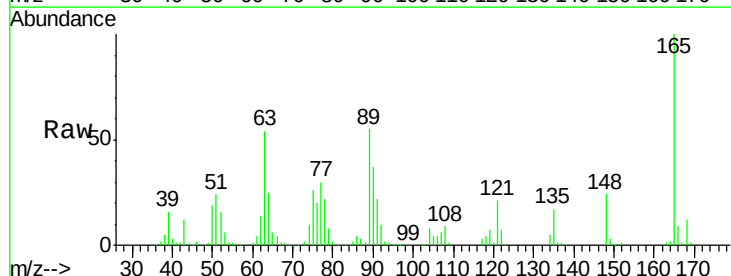
Tgt Ion:165 Resp: 139027

Ion Ratio Lower Upper

165 100

63 53.7 44.7 67.1

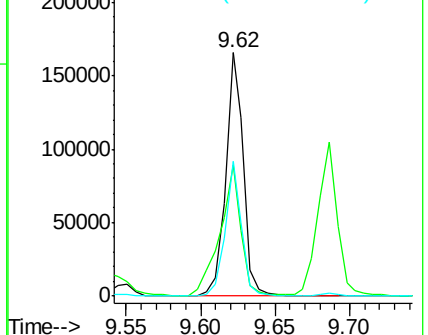
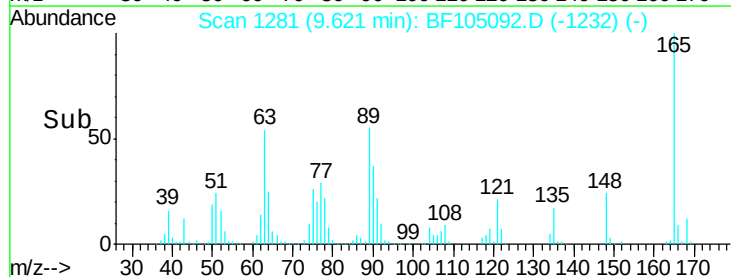
89 55.3 44.0 66.0

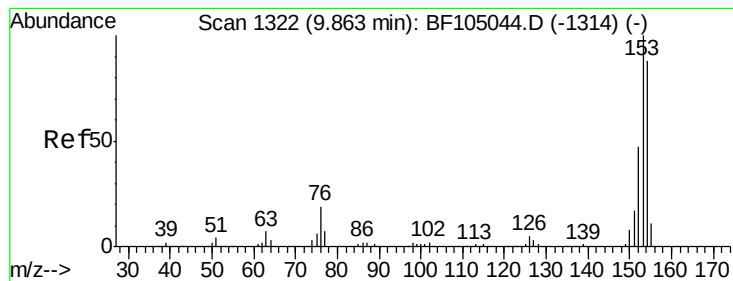


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.94 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

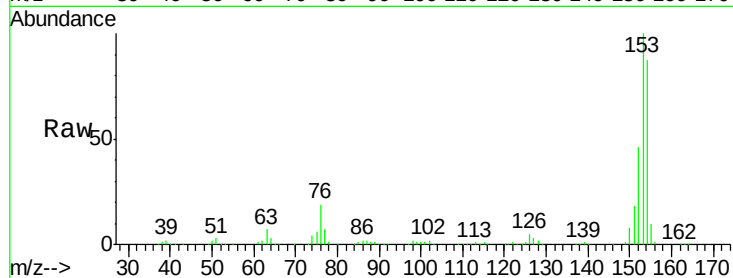
Tot Ion:154 Resp: 465805

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

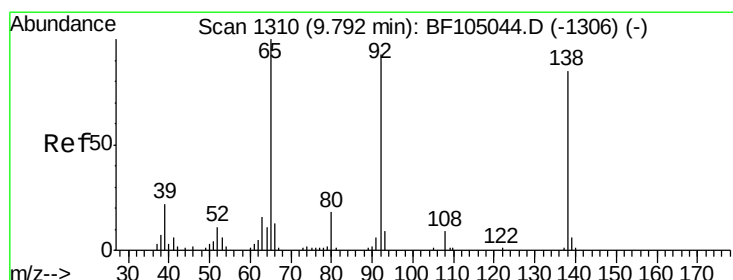
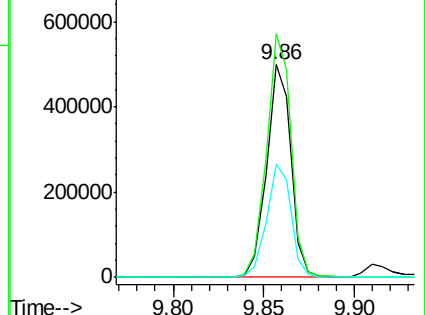
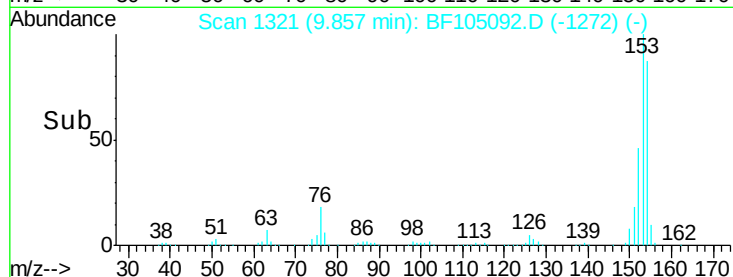
152 53.0 43.8 65.8



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: 26.56 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

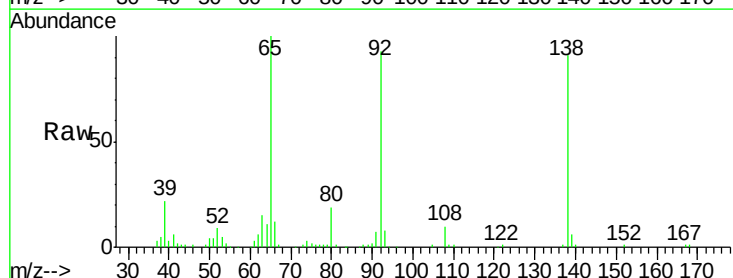
Tgt Ion:138 Resp: 83299

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

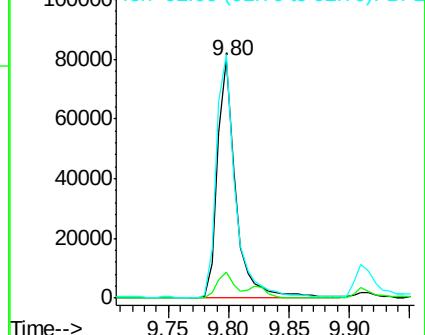
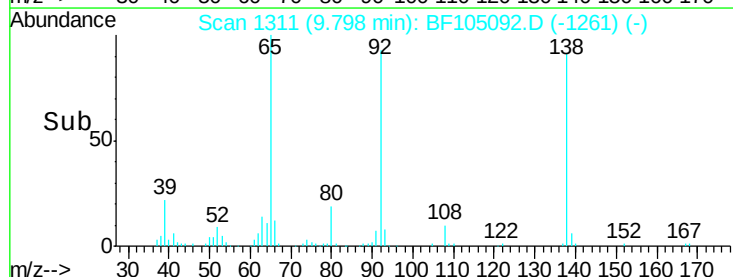
92 102.1 89.4 134.2

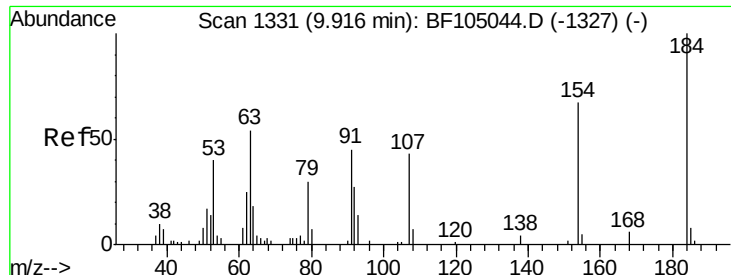


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

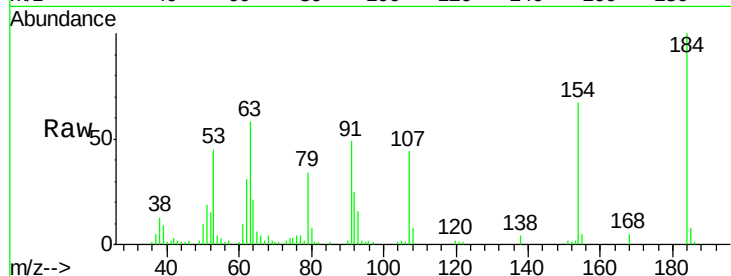




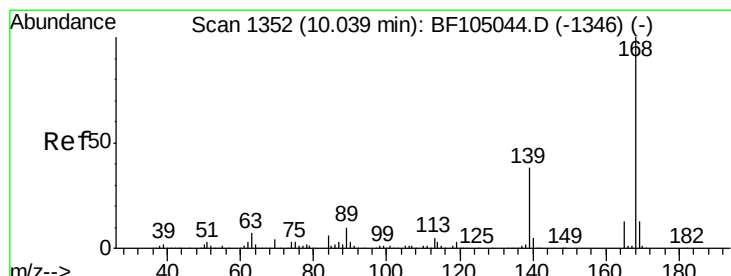
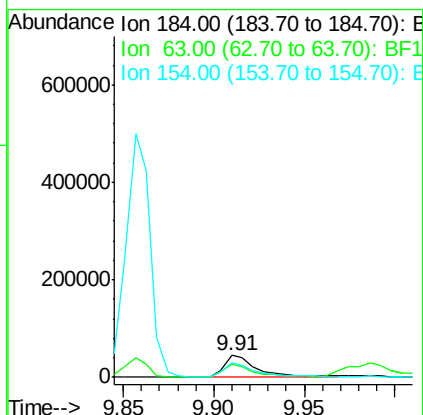
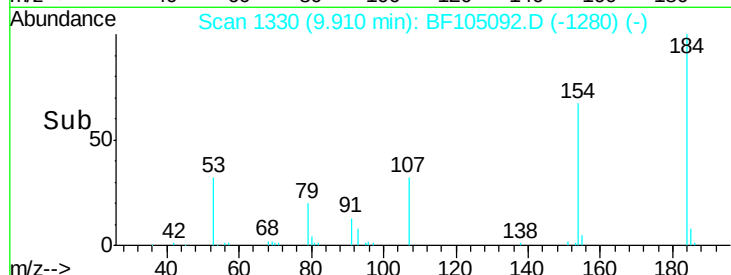
#53
2,4-Dinitrophenol
Concen: 60.02 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 58280
Ion Ratio Lower Upper
184 100
63 58.3 54.2 81.2
154 67.4 184.0 276.0#

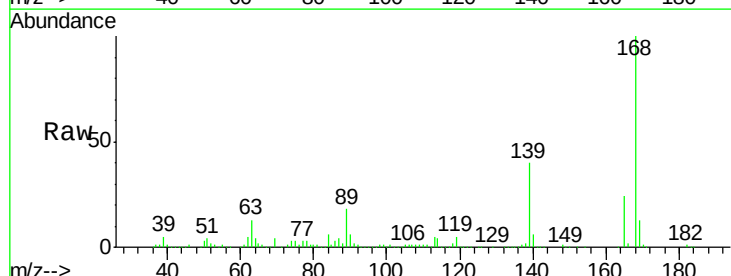


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

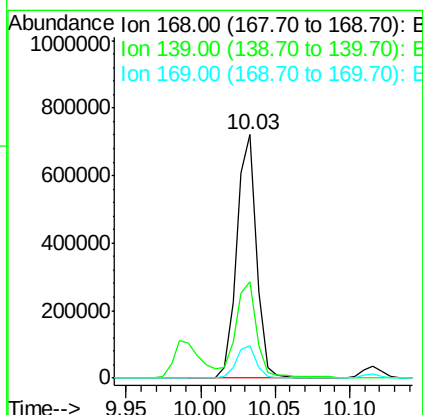
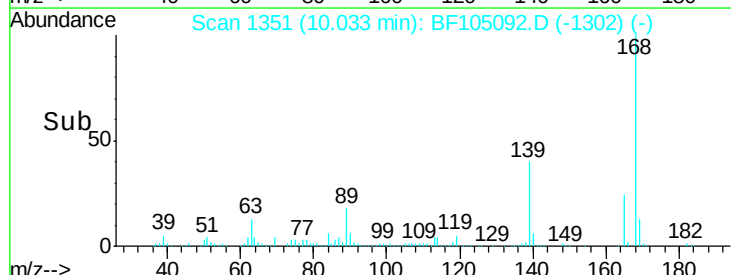


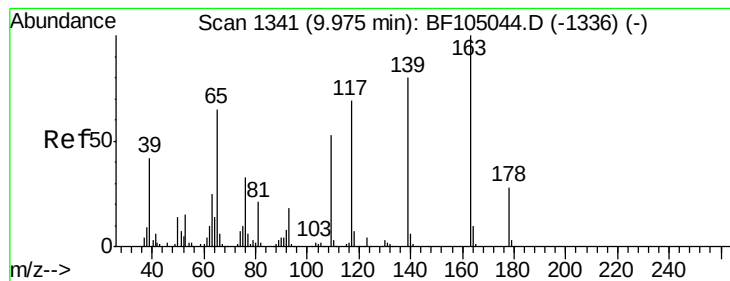
#54
Dibenzofuran
Concen: 41.15 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:168 Resp: 668871
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.2 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: 56.22 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampled :

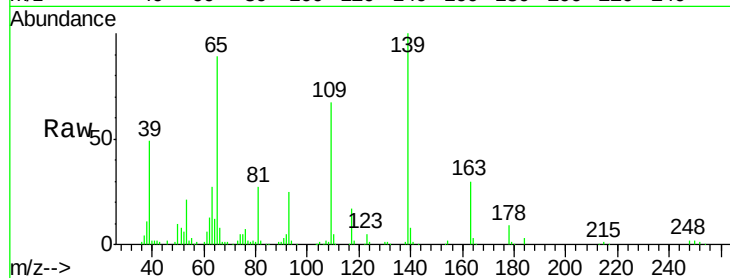
Tot Ion:139 Resp: 138508

Ion Ratio Lower Upper

139 100

109 67.2 48.4 88.4

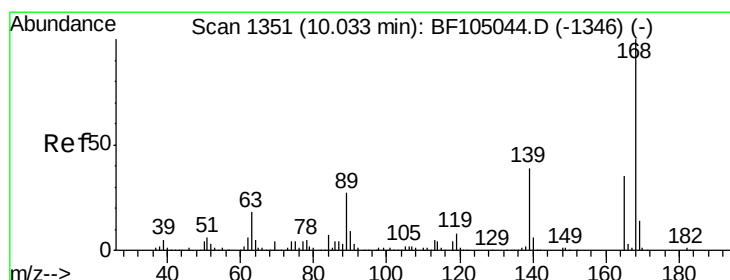
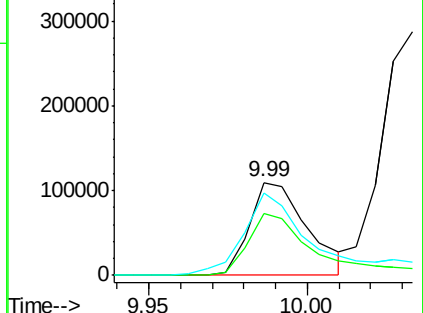
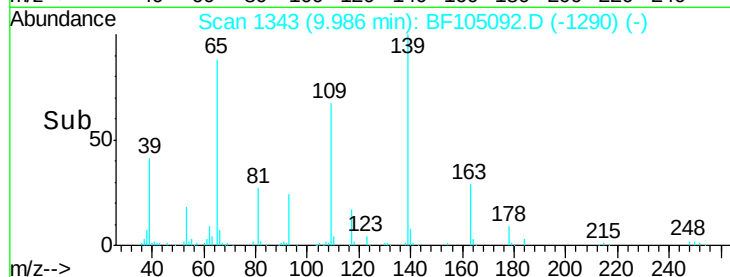
65 89.2 72.6 112.6



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: 45.31 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Tgt Ion:165 Resp: 159214

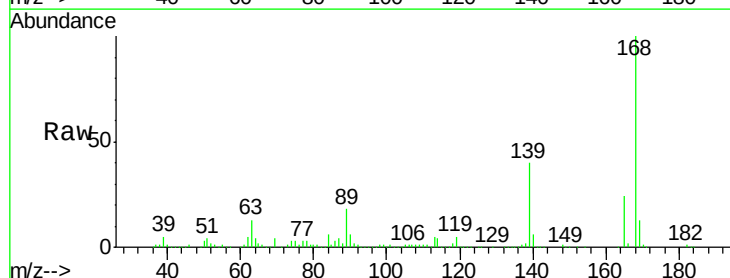
Ion Ratio Lower Upper

165 100

63 55.2 36.4 54.6#

89 75.5 57.8 86.6

182 2.6 1.6 2.4#

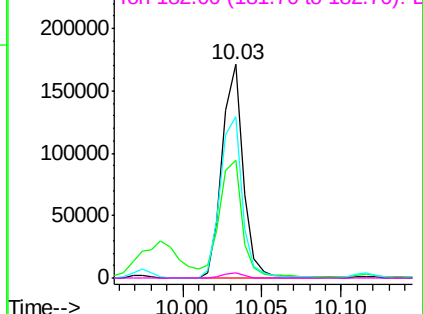
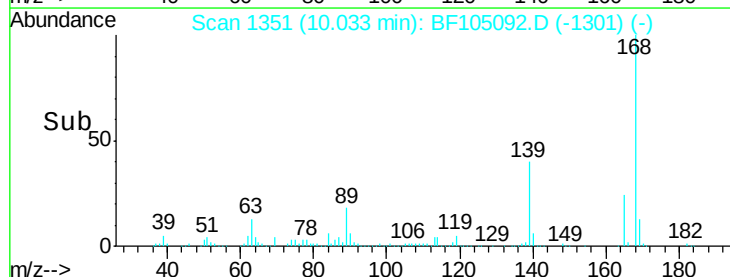


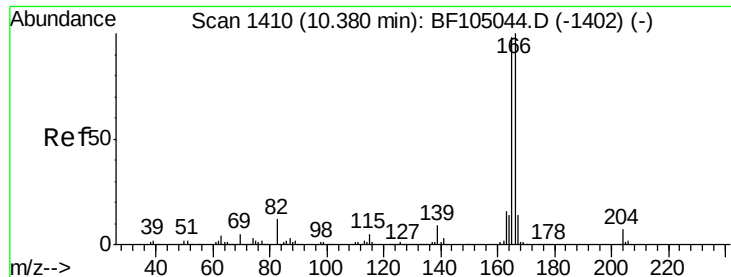
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.00 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

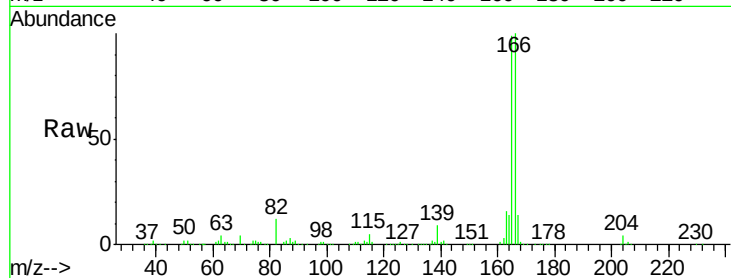
Tot Ion:166 Resp: 532349

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

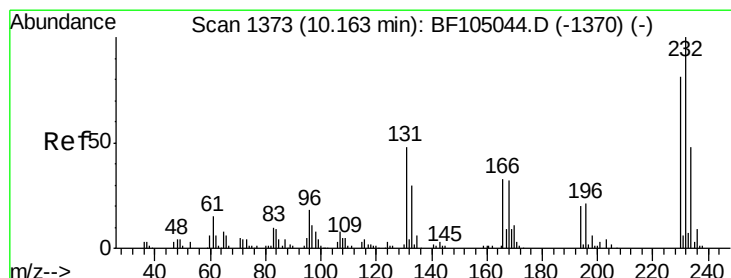
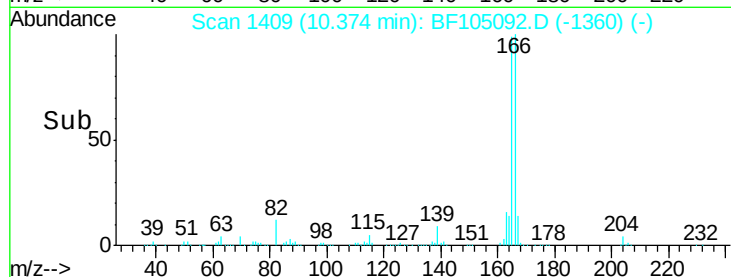
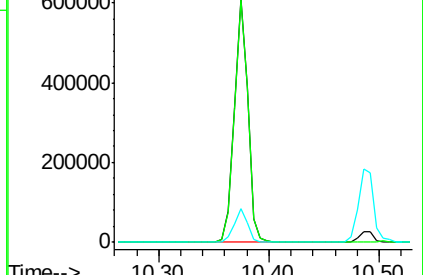
167 13.6 10.6 16.0



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: 44.85 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Tgt Ion:232 Resp: 136610

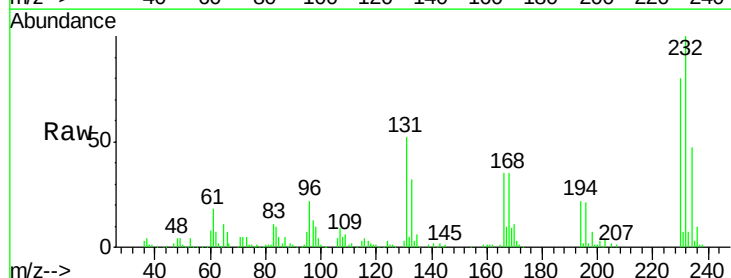
Ion Ratio Lower Upper

232 100

131 47.6 43.8 65.8

130 2.7 2.1 3.1

166 32.9 27.8 41.6

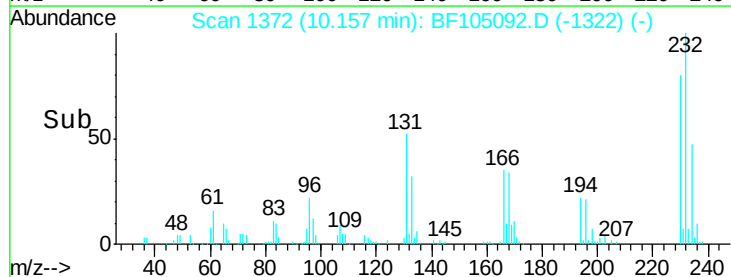
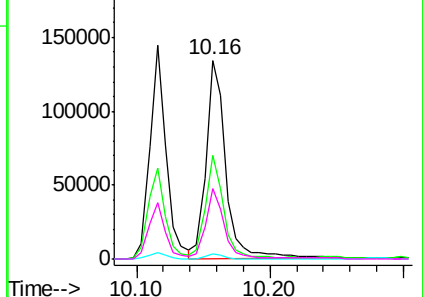


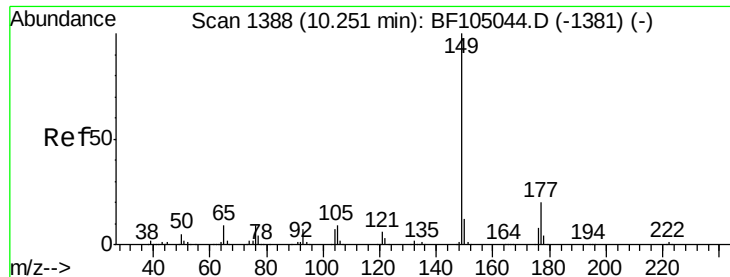
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.09 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

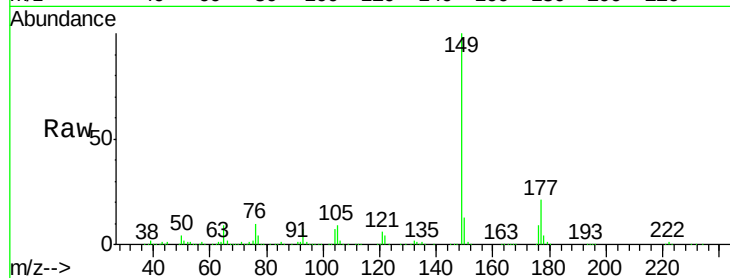
Tot Ion:149 Resp: 621389

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

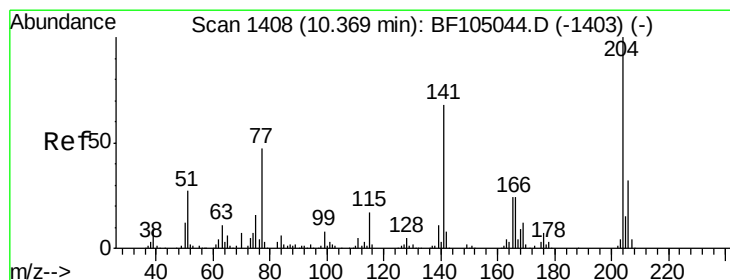
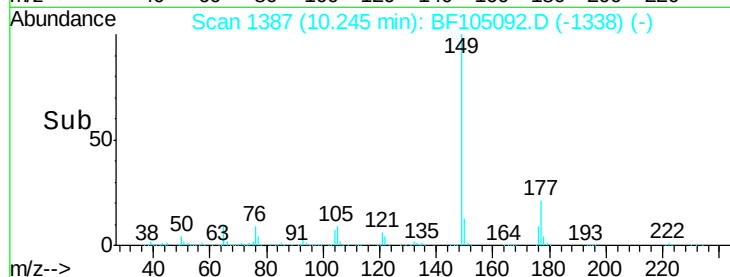
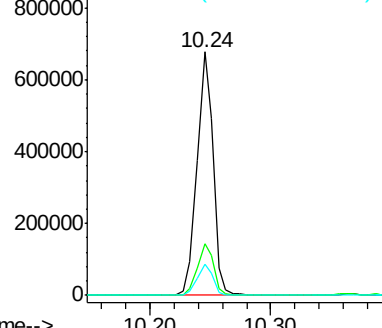
150 13.0 10.1 15.1



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: 48.76 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

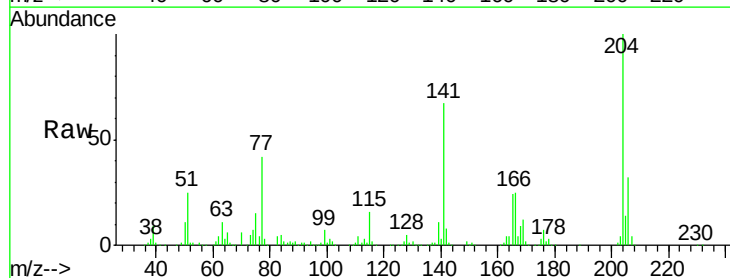
Tgt Ion:204 Resp: 256902

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

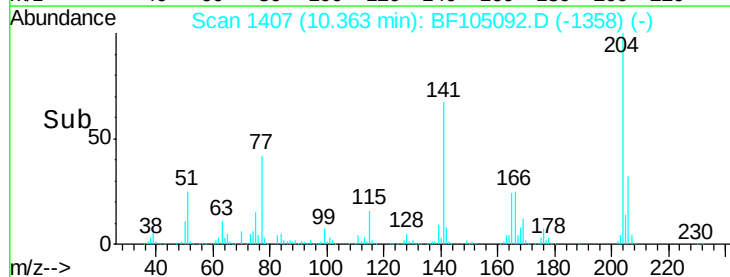
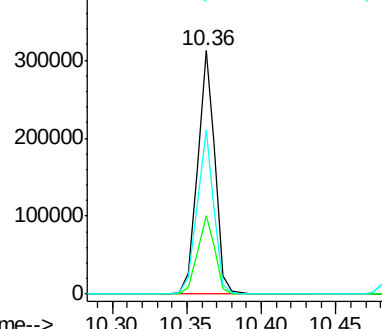
141 67.2 54.6 81.8

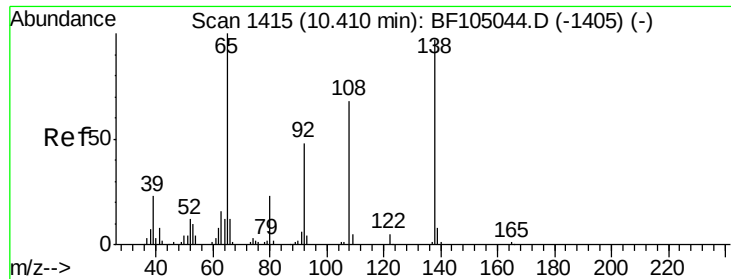


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

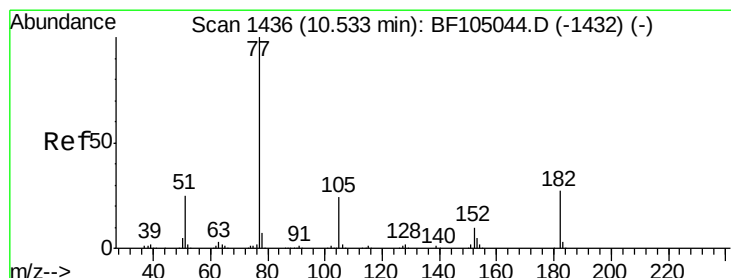
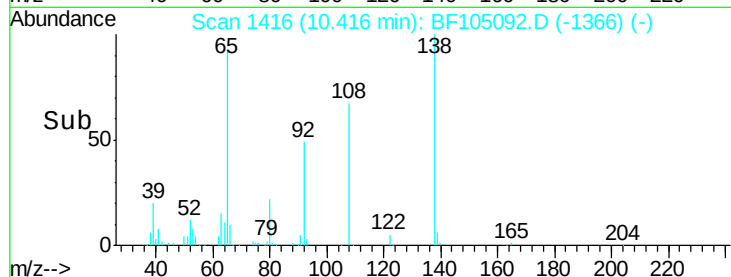
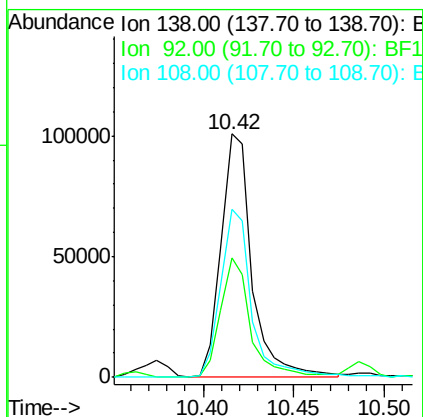
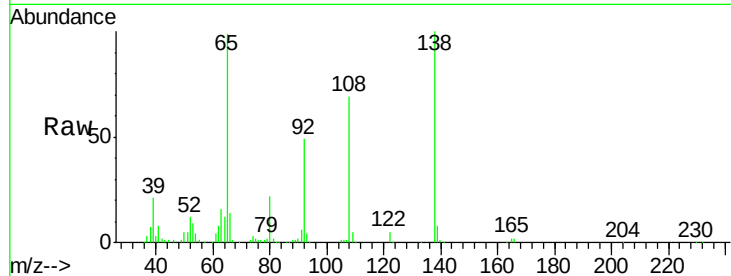




#61
4-Nitroaniline
Concen: 39.13 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

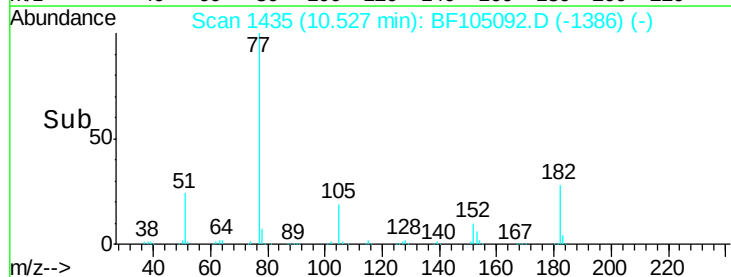
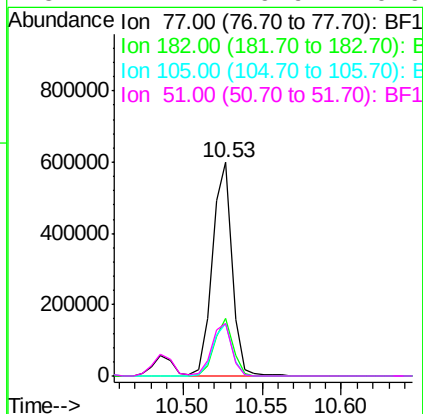
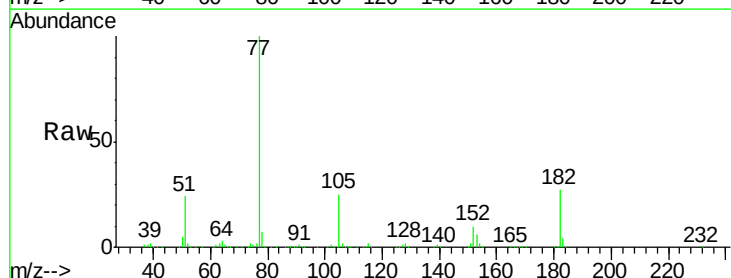
Instrument :
BNA_F
ClientSampleId :

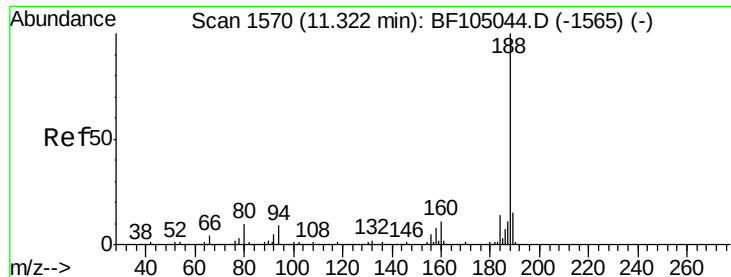
Tot Ion:138 Resp: 119999
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 69.2 52.5 92.5



#62
Azobenzene
Concen: 37.29 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion: 77 Resp: 513774
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 24.6 3.0 43.0
51 24.4 9.9 49.9

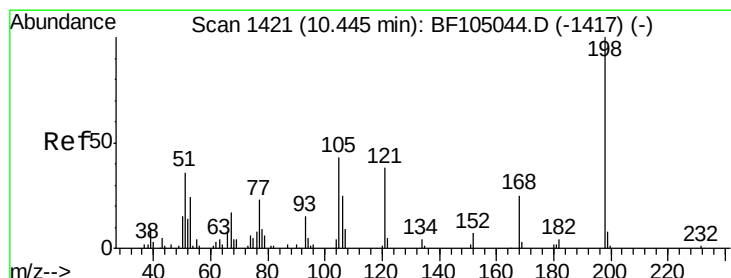
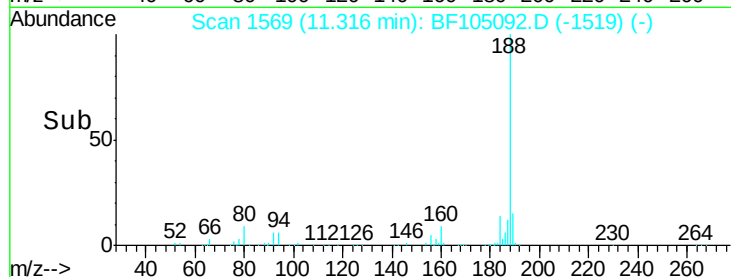
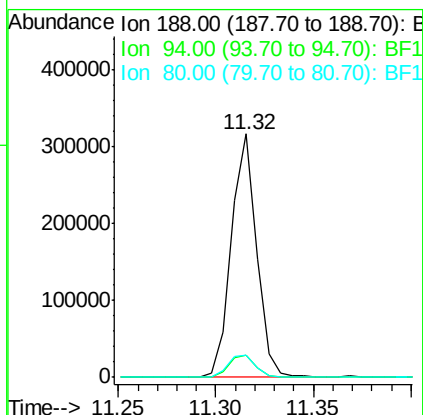
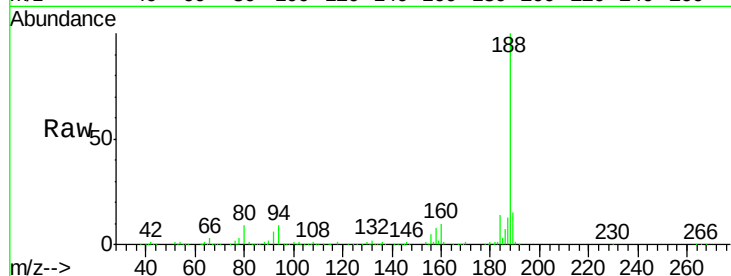




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

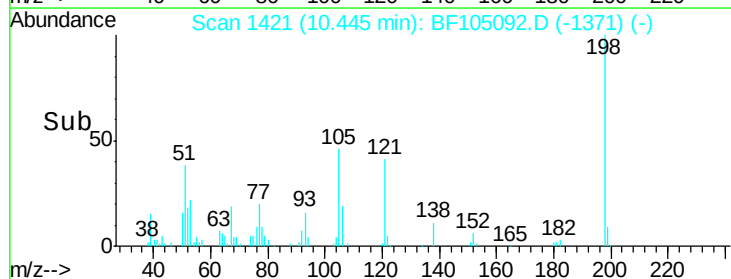
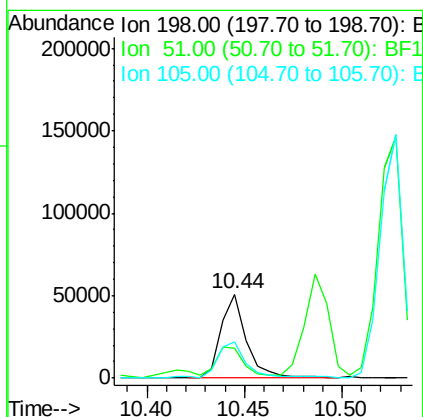
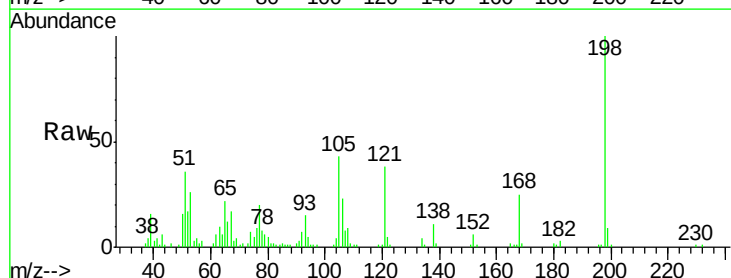
Instrument :
BNA_F
ClientSampleId :

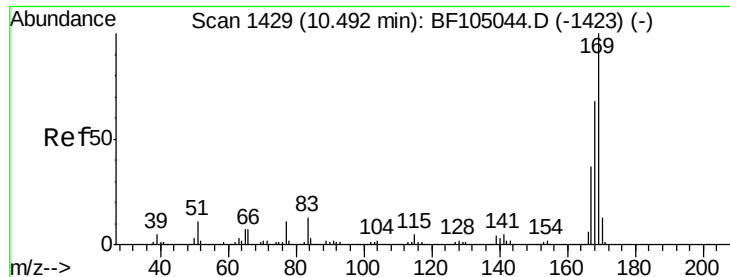
Tot Ion:188 Resp: 285549
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.95 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:198 Resp: 46974
Ion Ratio Lower Upper
198 100
51 35.7 37.7 77.7#
105 42.5 36.3 76.3

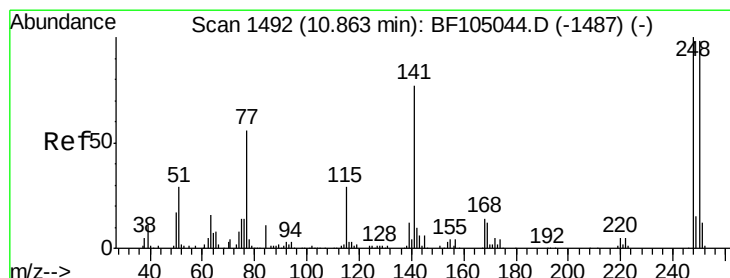
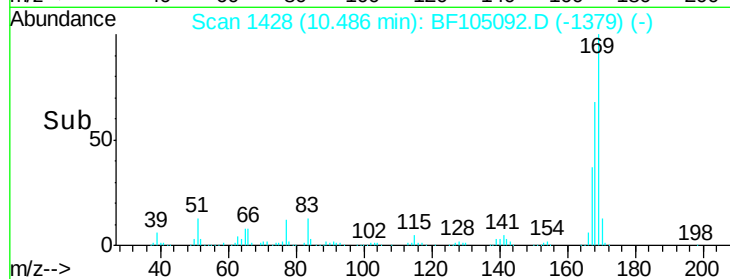
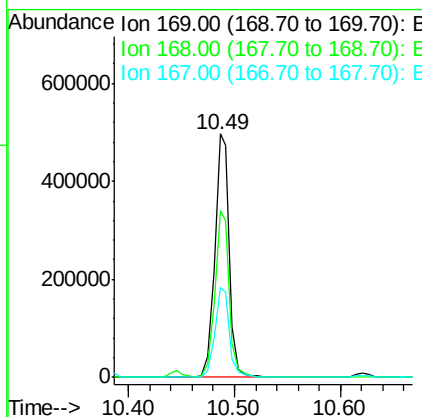
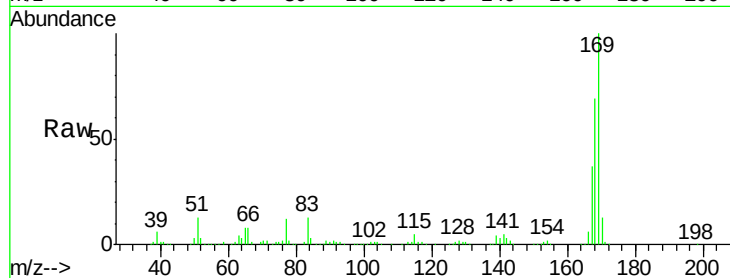




#65
 n-Nitrosodiphenylamine
 Concen: 48.71 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

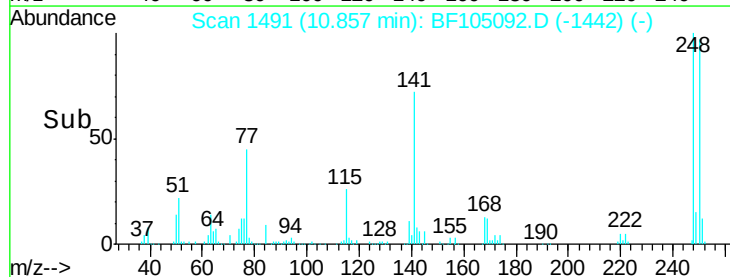
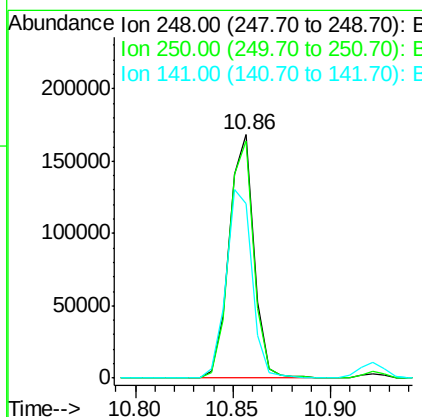
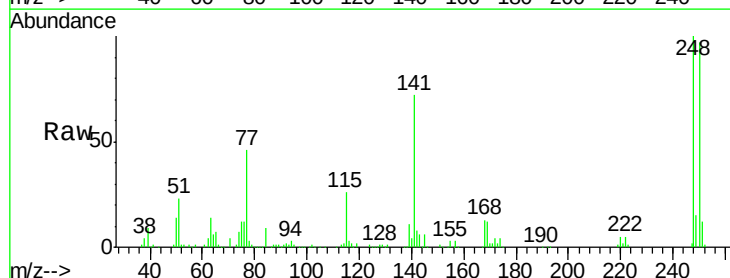
Instrument :
 BNA_F
 ClientSampleId :

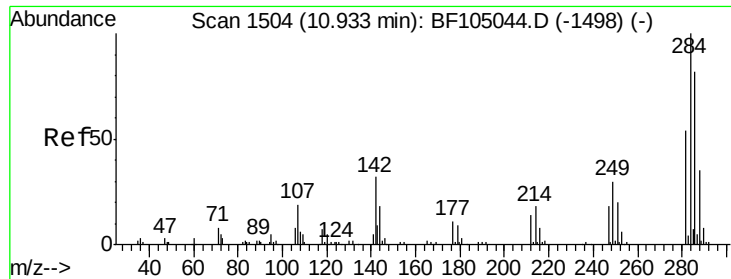
Tot Ion:169 Resp: 482290
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.89 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:248 Resp: 148495
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 71.7 74.4 111.6#

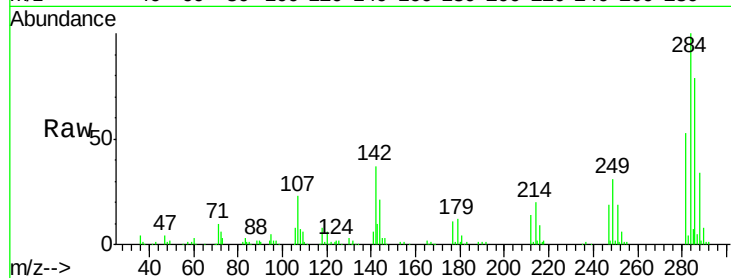




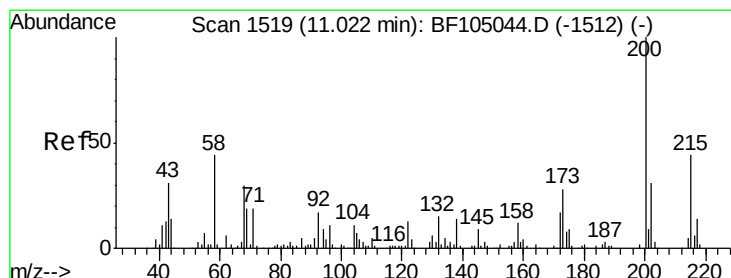
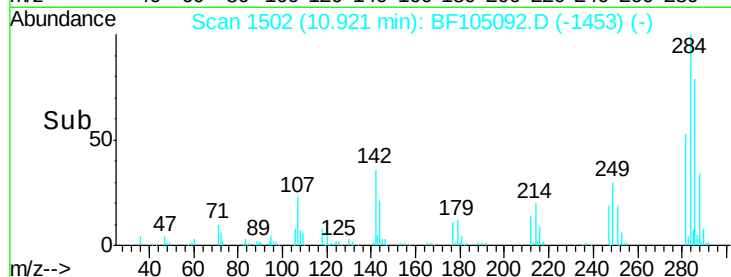
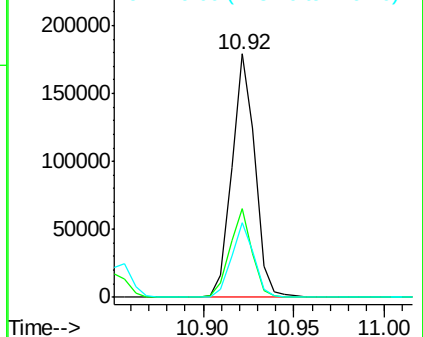
#67
Hexachlorobenzene
Concen: 46.15 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.7	34.6	52.0
249	30.5	24.8	37.2

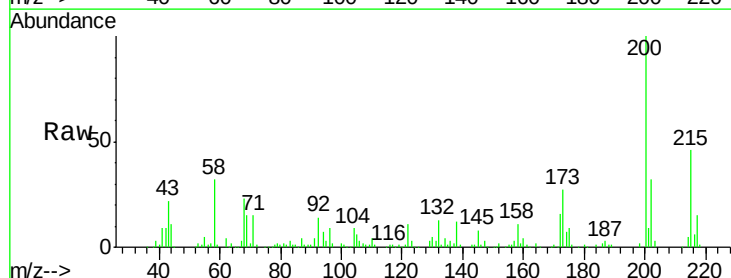


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

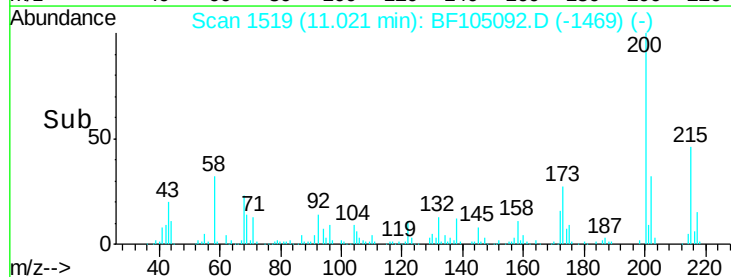
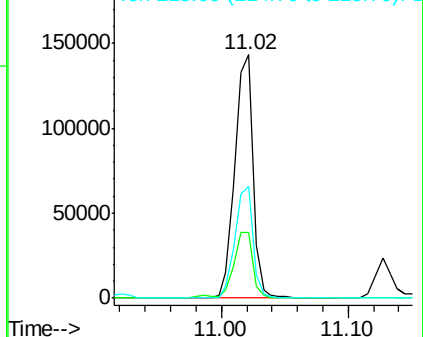


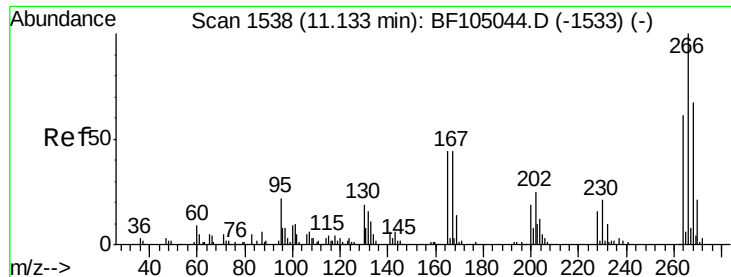
#68
Atrazine
Concen: 47.12 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	46.0	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

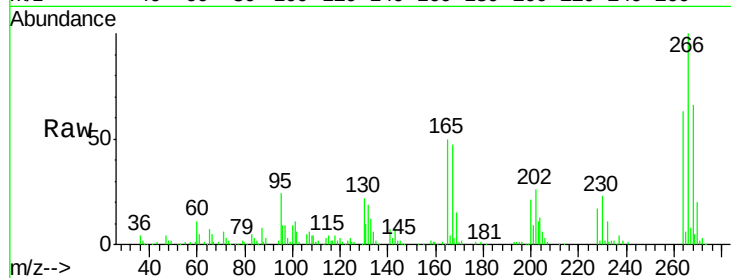




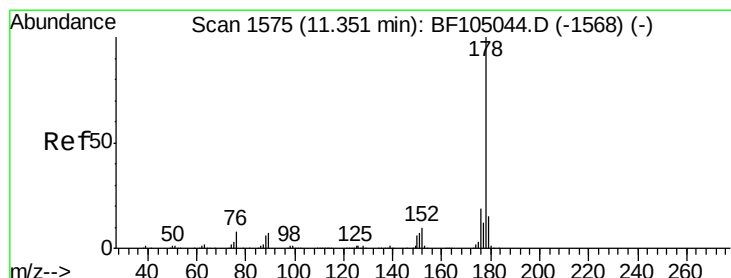
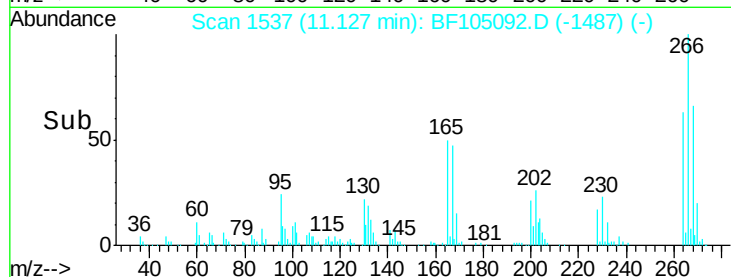
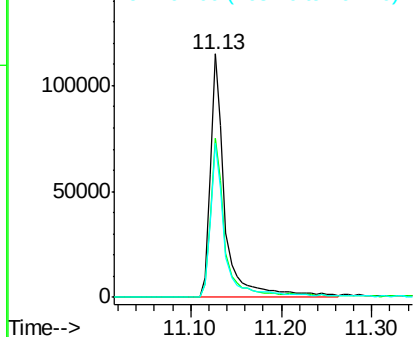
#69
 Pentachlorophenol
 Concen: 62.41 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 131962
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 63.5 49.5 74.3

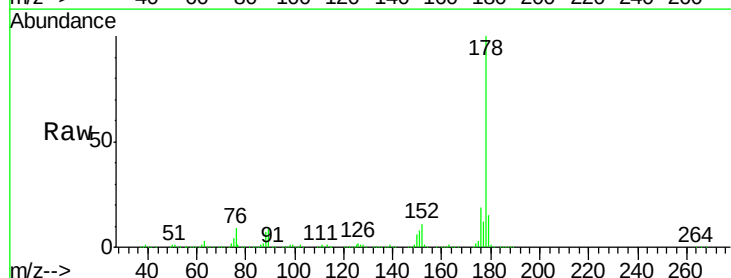


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

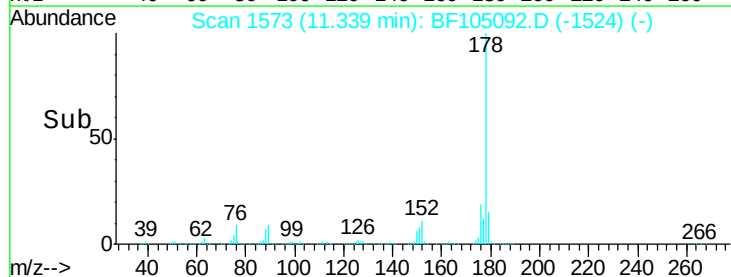
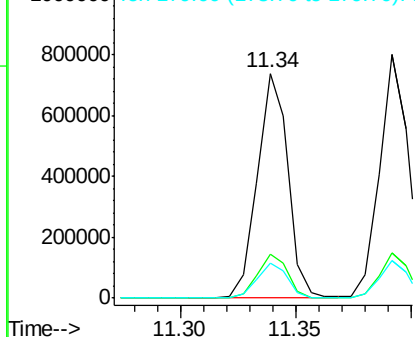


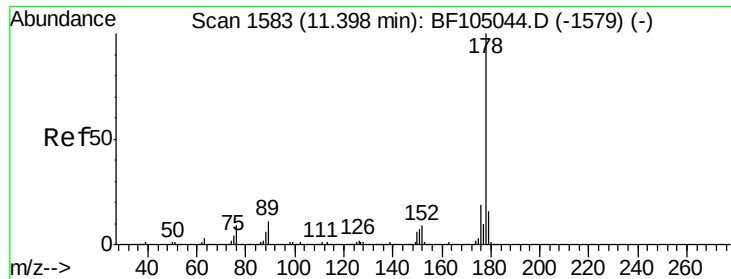
#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:178 Resp: 682359
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 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

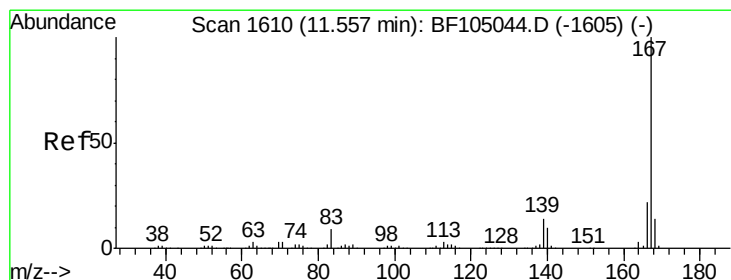
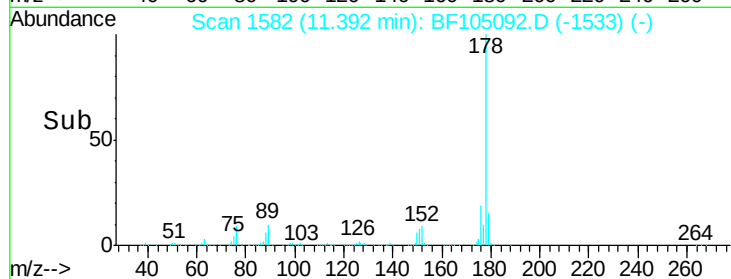
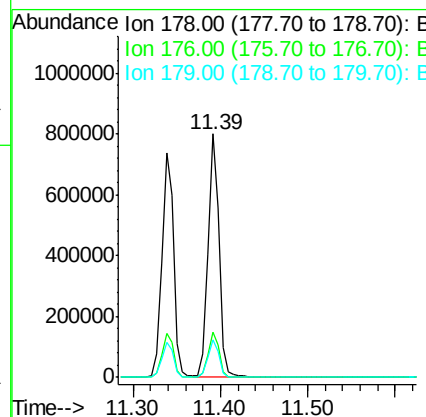
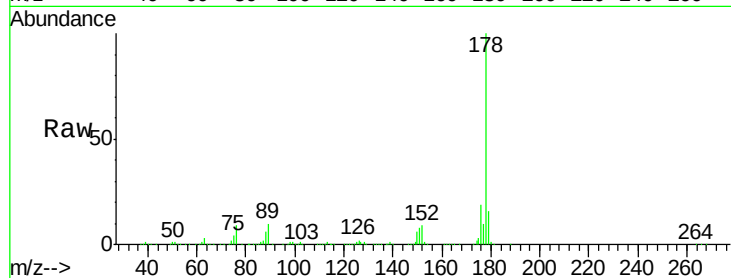




#71
 Anthracene
 Concen: 43.70 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

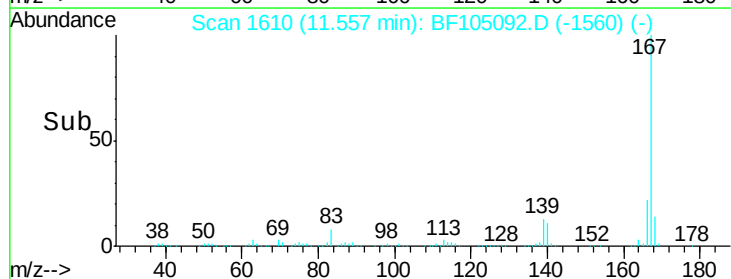
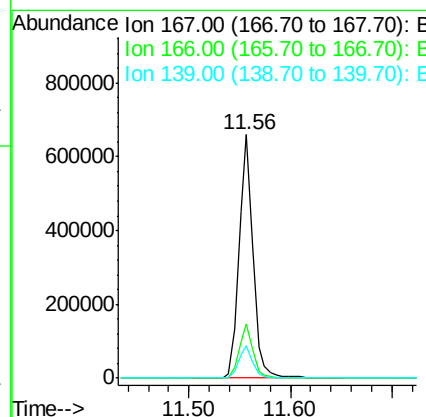
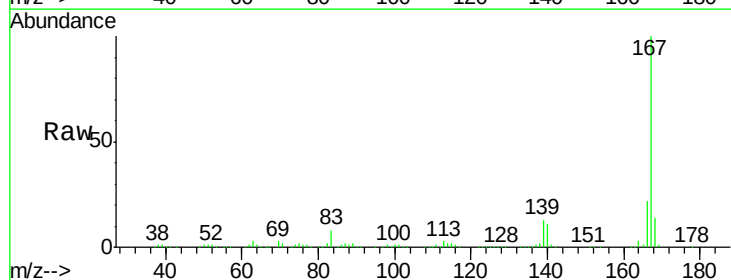
Instrument :
 BNA_F
 ClientSampled :

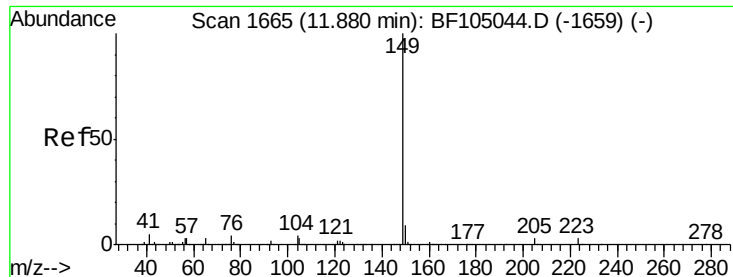
Tot Ion:178 Resp: 706410
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.84 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:167 Resp: 629230
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.35 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

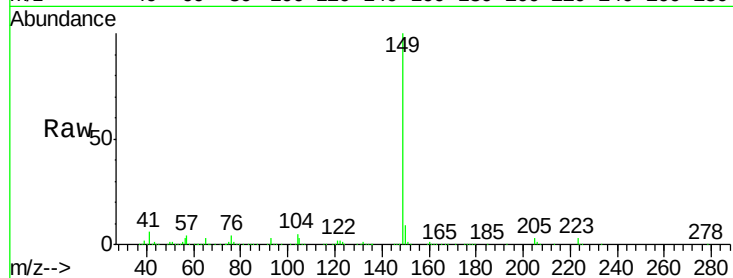
Tot Ion:149 Resp: 855738

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

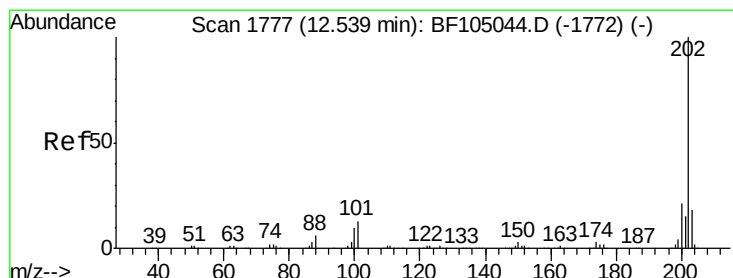
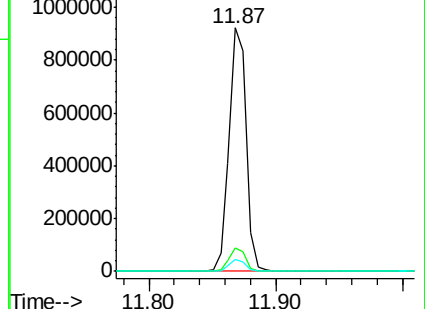
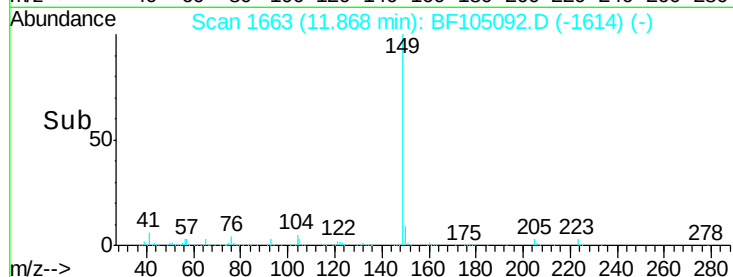
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.08 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

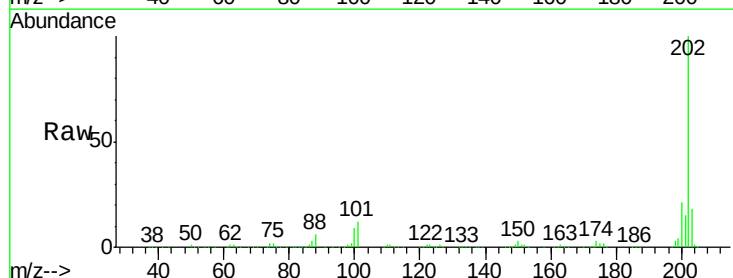
Tgt Ion:202 Resp: 632715

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

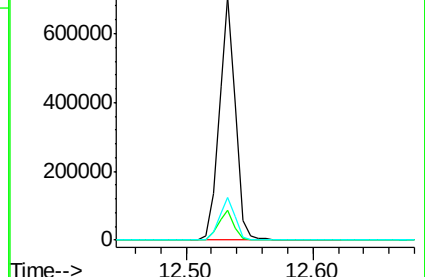
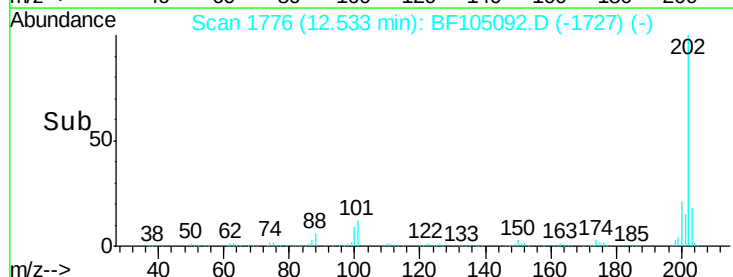
203 17.6 0.0 38.1

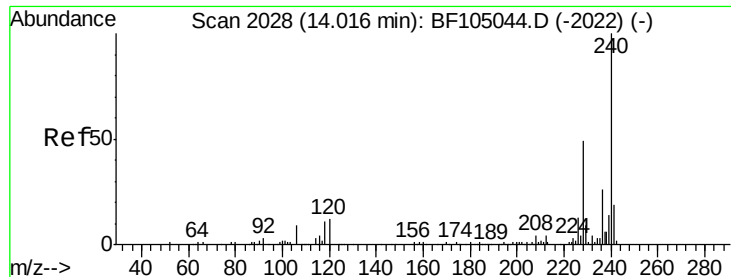


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

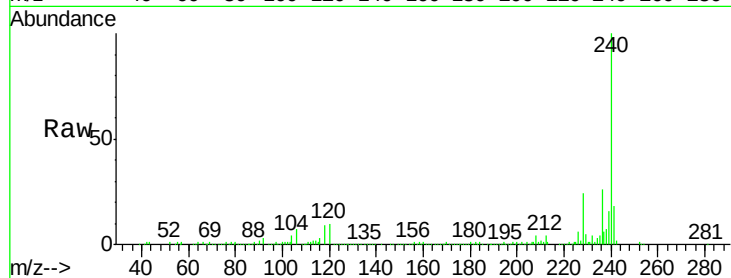
Tot Ion:240 Resp: 183083

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

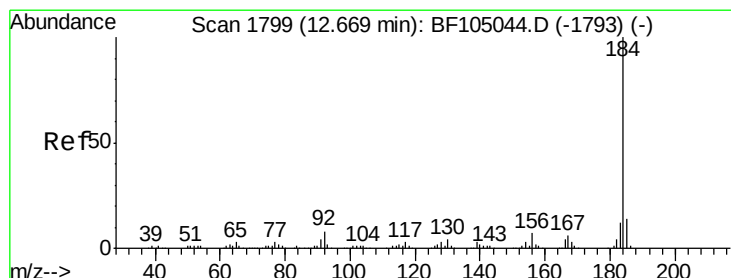
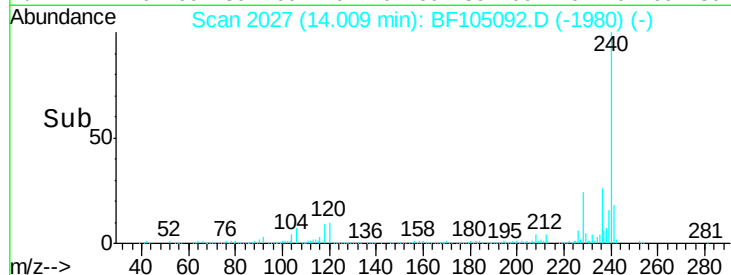
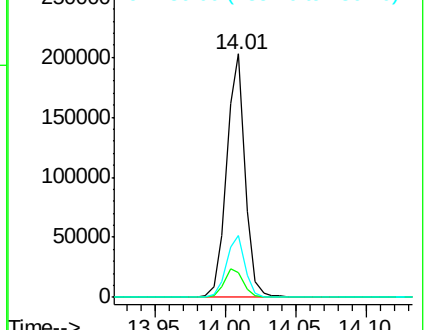
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.58 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

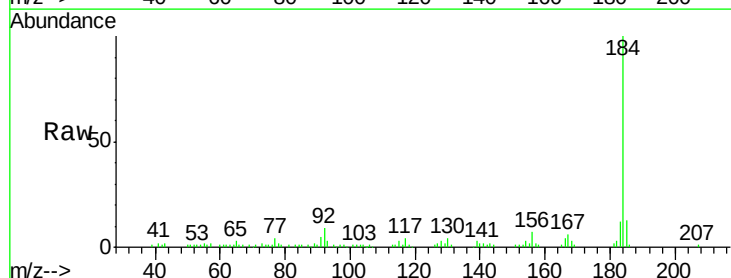
Tgt Ion:184 Resp: 86565

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

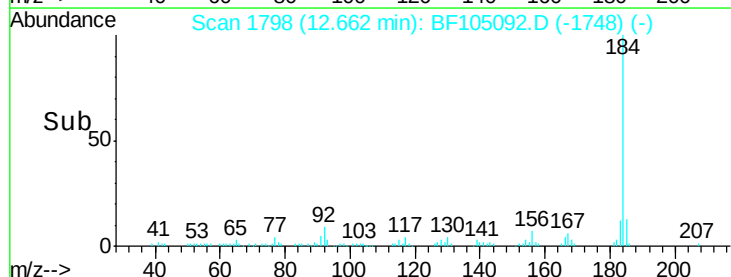
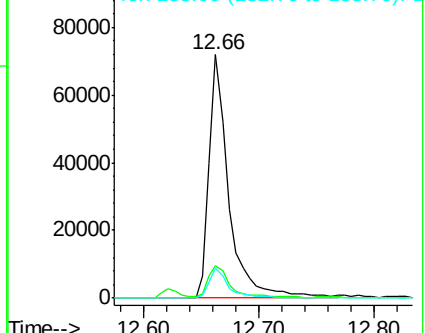
183 12.1 9.3 13.9

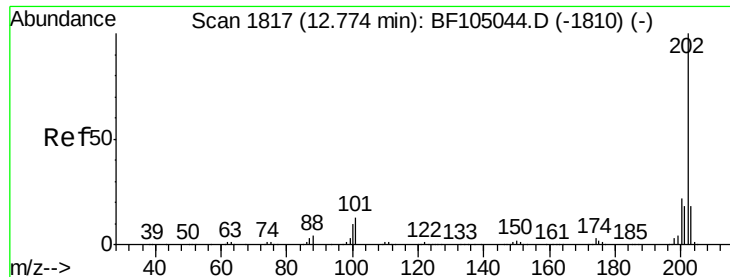


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

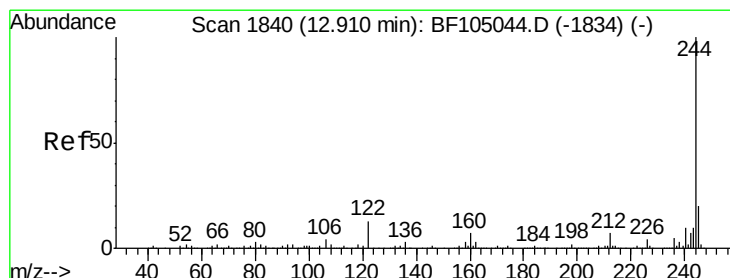
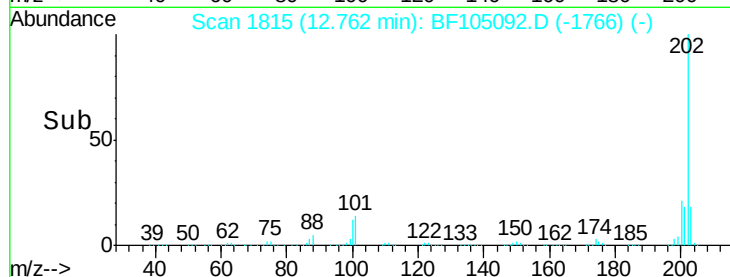
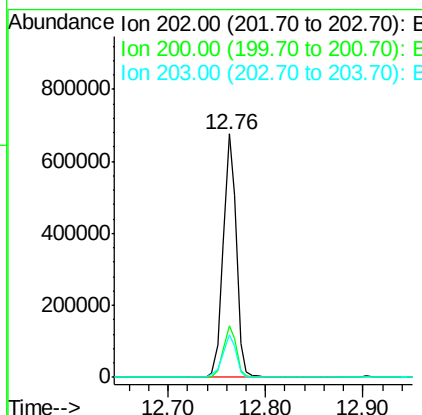
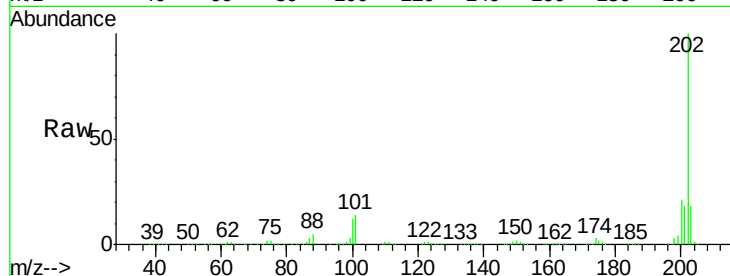




#77
 Pvrene
 Concen: 46.46 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

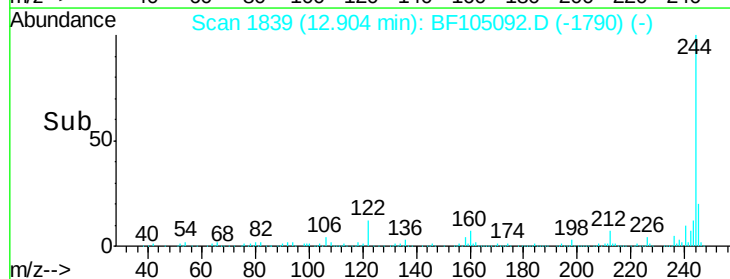
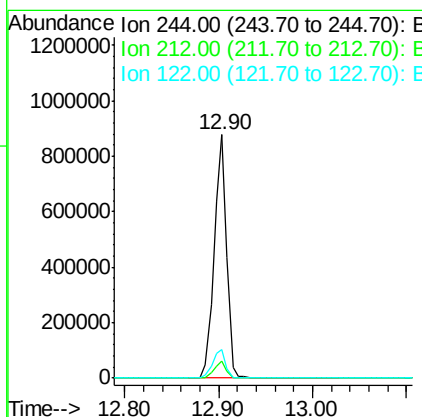
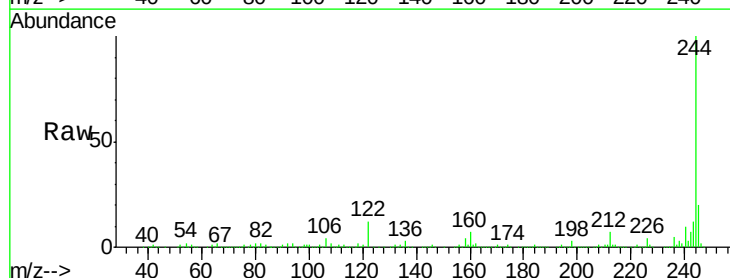
Instrument :
 BNA_F
 ClientSampleId :

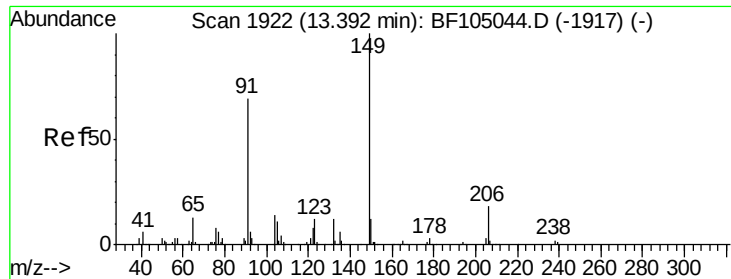
Tot Ion:202 Resp: 630488
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 102.75 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF105092.D
 Acq: 4 May 2018 00:07

Tgt Ion:244 Resp: 825159
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4

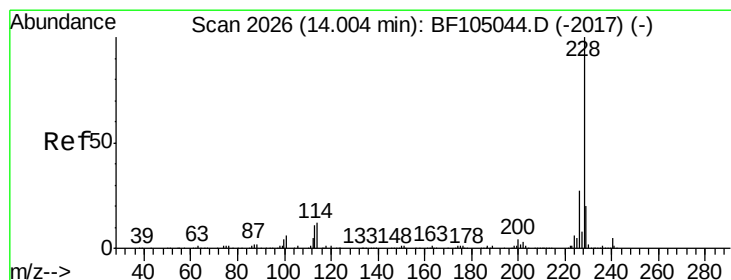
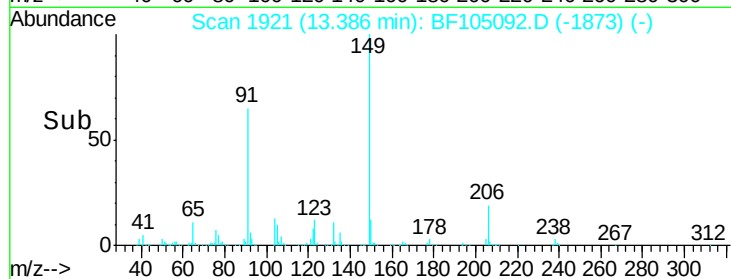
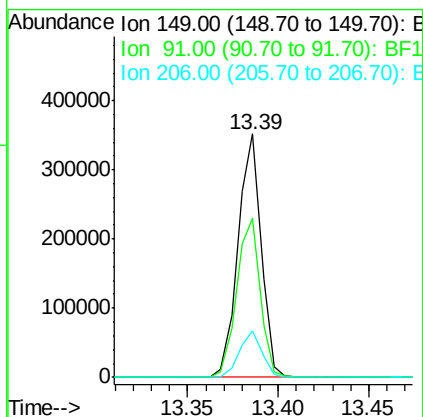
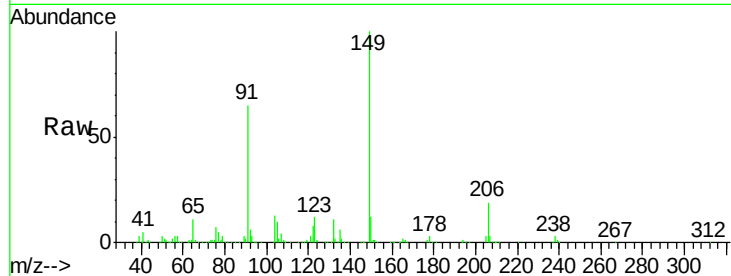




#79
Butylbenzylphthalate
Concen: 48.91 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

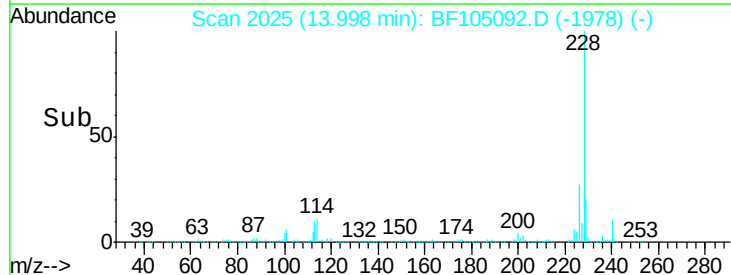
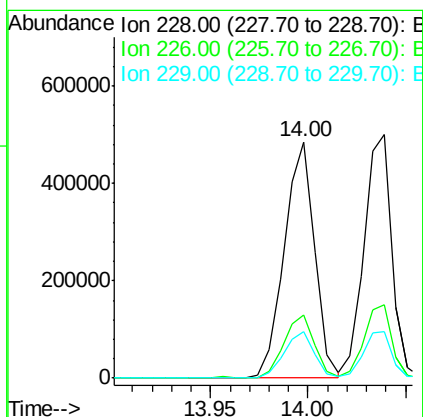
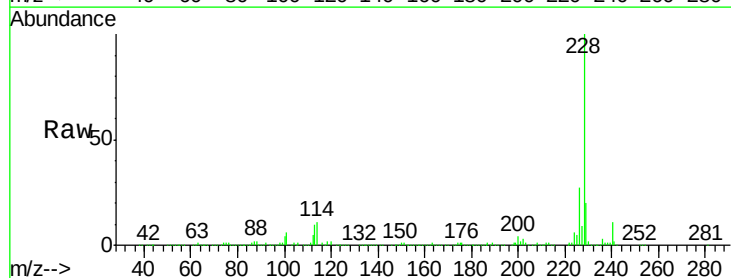
Instrument :
BNA_F
ClientSampleId :

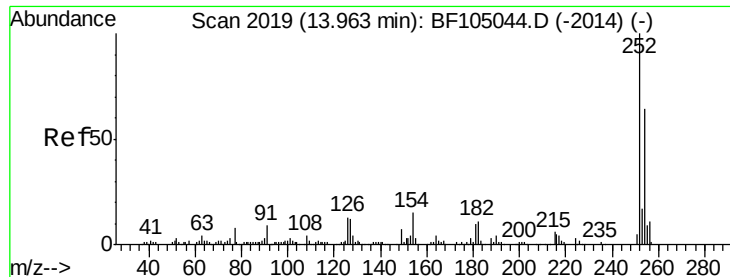
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 47.69 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.77 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

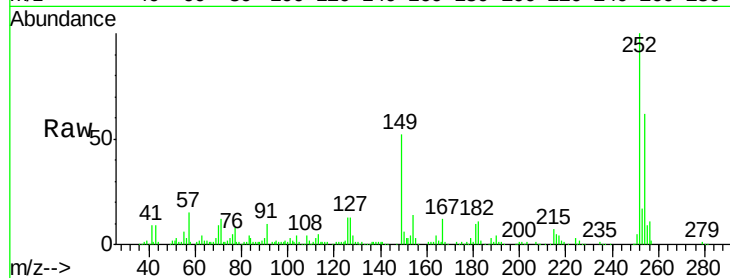
Tot Ion:252 Resp: 158113

Ion Ratio Lower Upper

252 100

254 62.5 50.4 75.6

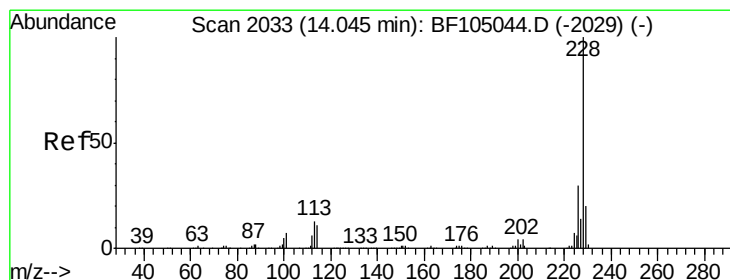
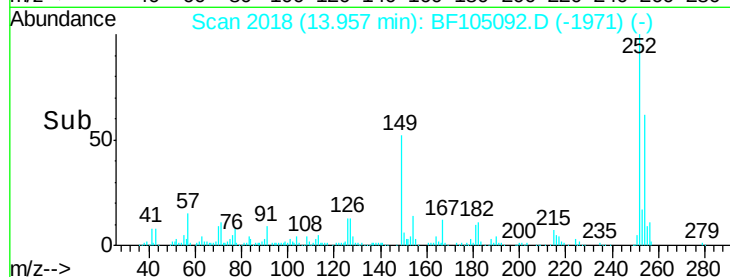
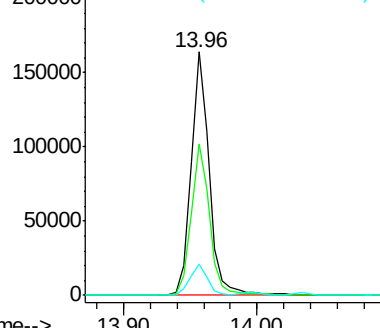
126 12.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.30 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

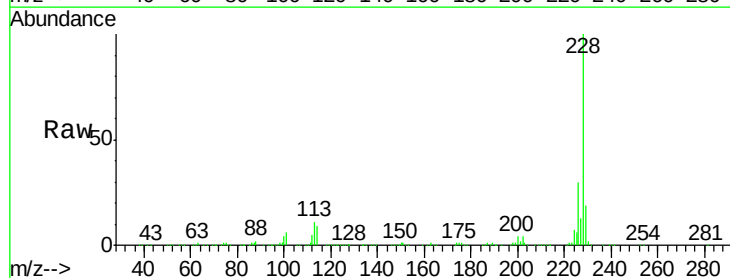
Tgt Ion:228 Resp: 497701

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

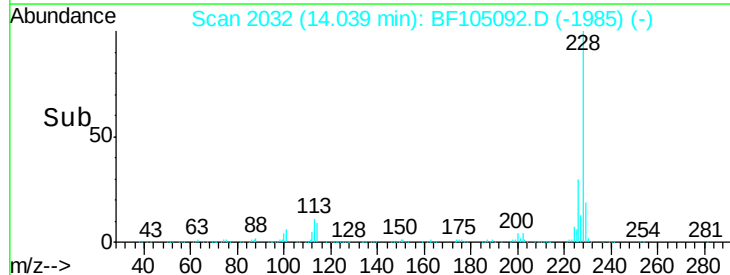
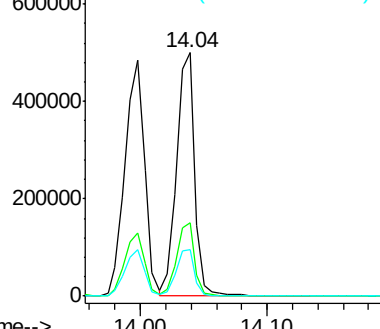
229 19.3 16.2 24.4

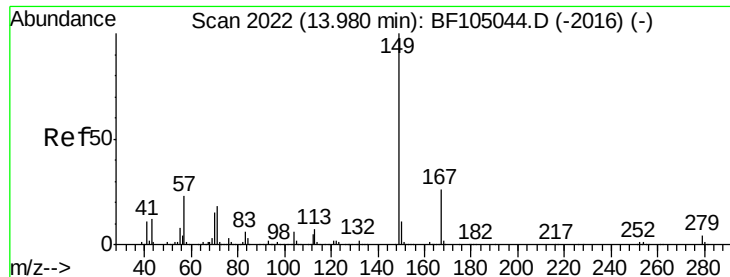


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.71 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

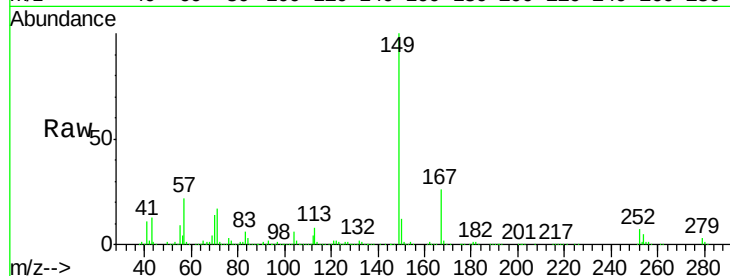
Tot Ion:149 Resp: 425256

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

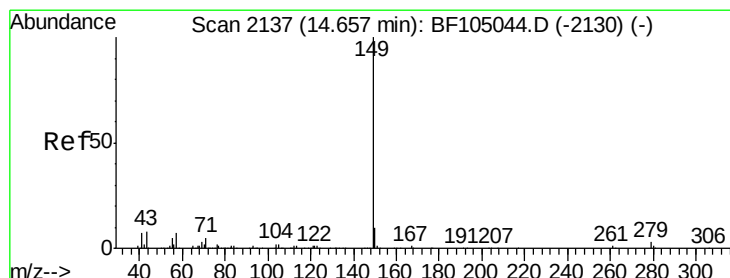
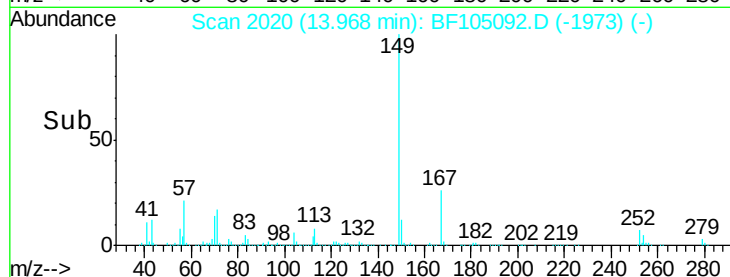
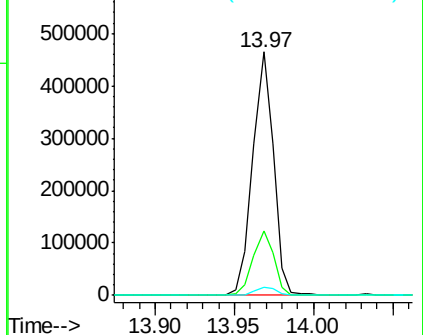
279 3.5 3.0 4.4



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: 49.64 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

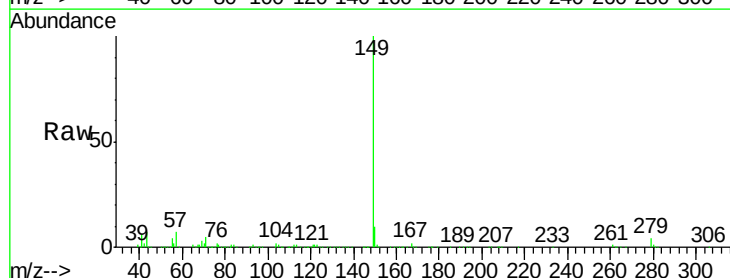
Tgt Ion:149 Resp: 682078

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

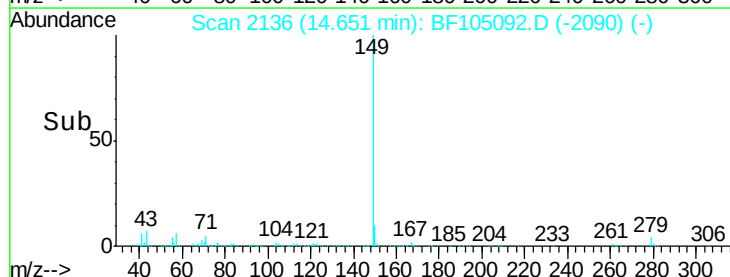
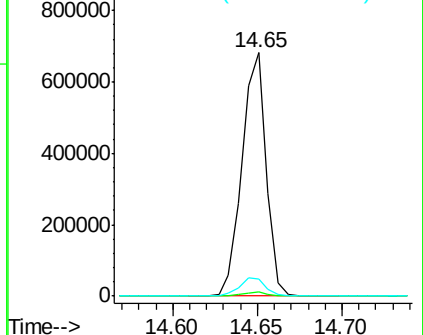
43 7.7 8.4 12.6#

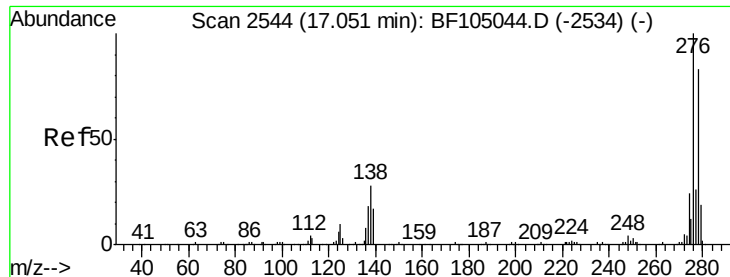


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.18 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

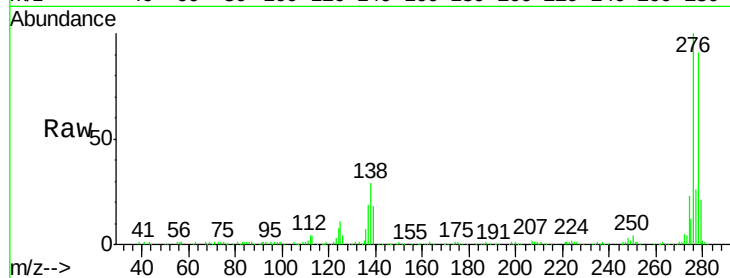
Tot Ion:276 Resp: 373914

Ion Ratio Lower Upper

276 100

138 27.4 25.0 37.6

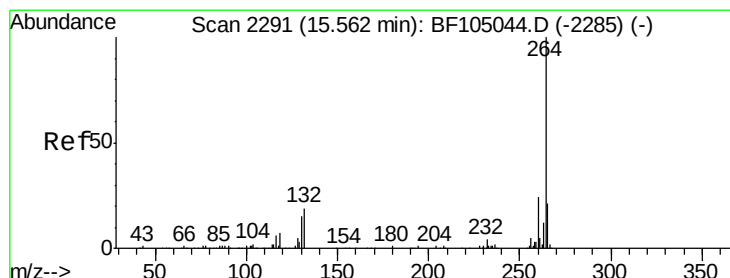
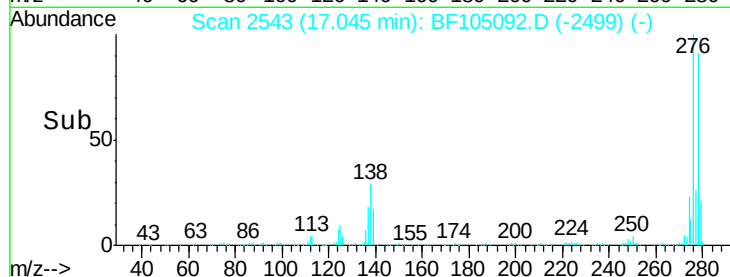
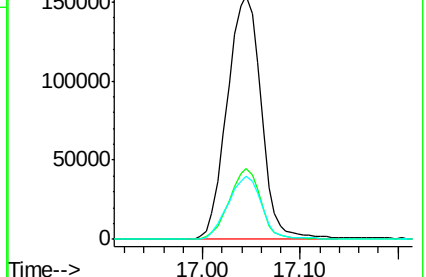
277 25.8 20.1 30.1



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: 15.56 min Scan# 2290

Delta R.T. -0.04 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

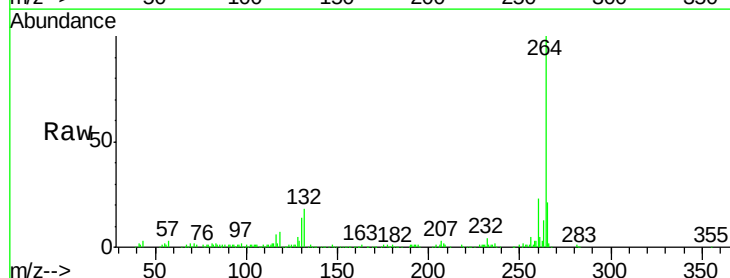
Tgt Ion:264 Resp: 145404

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

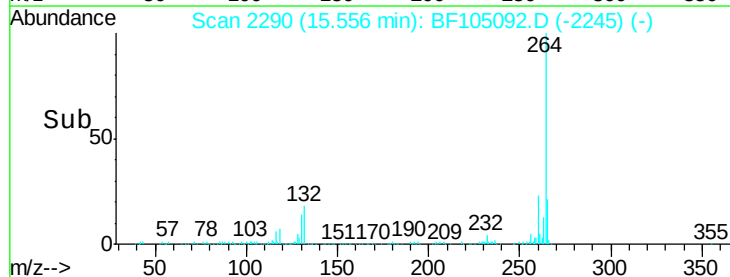
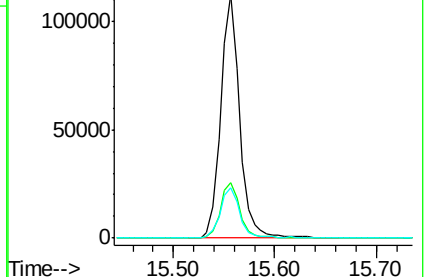
265 20.8 17.5 26.3

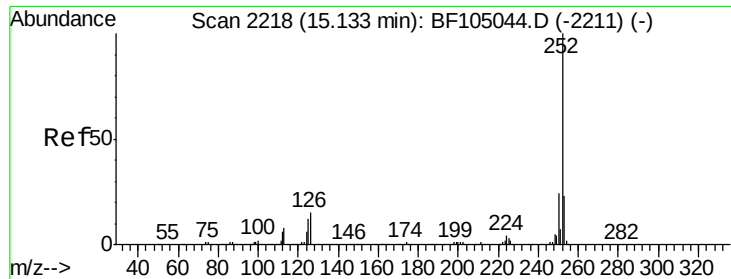


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

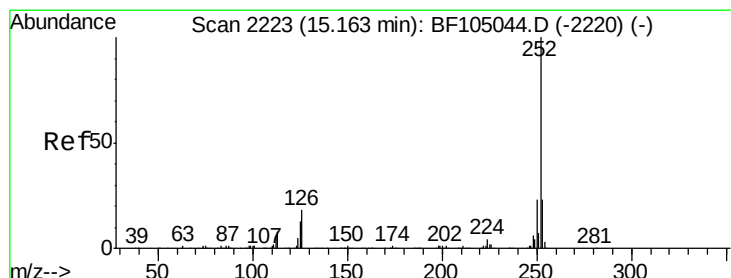
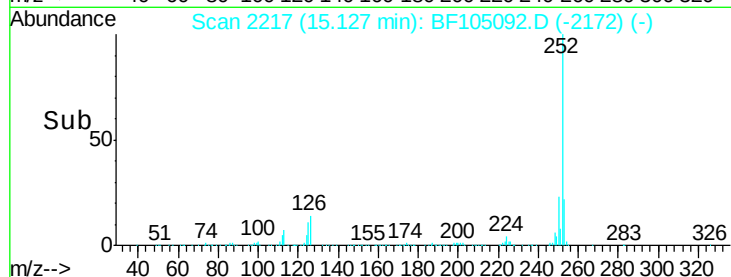
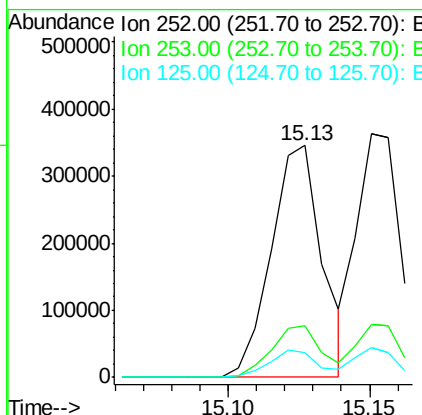
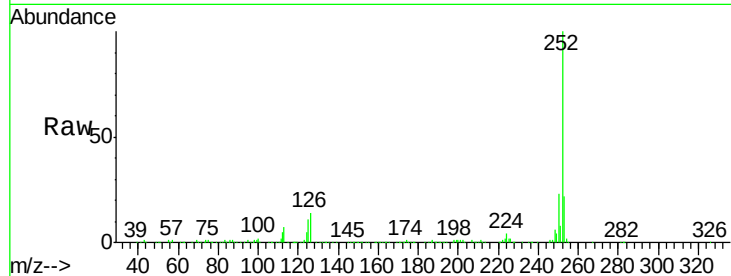




#87
Benzo(b)fluoranthene
Concen: 47.16 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

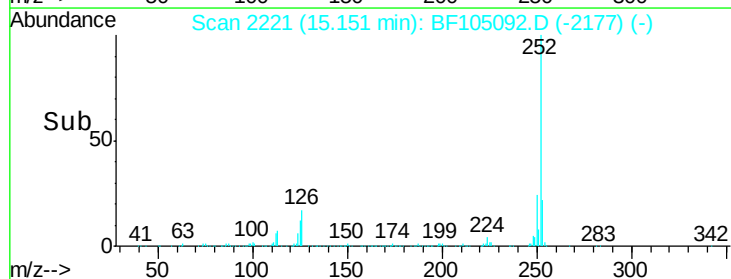
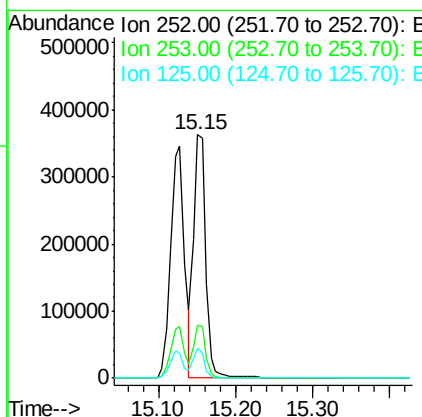
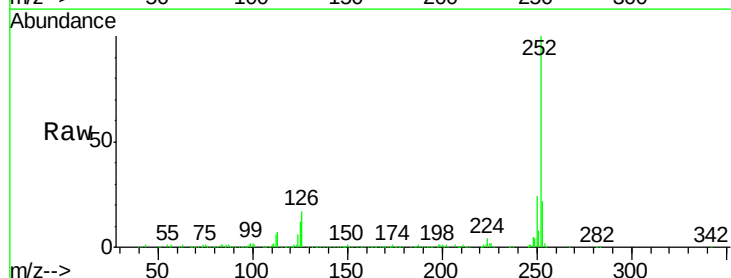
Instrument :
BNA_F
ClientSampled :

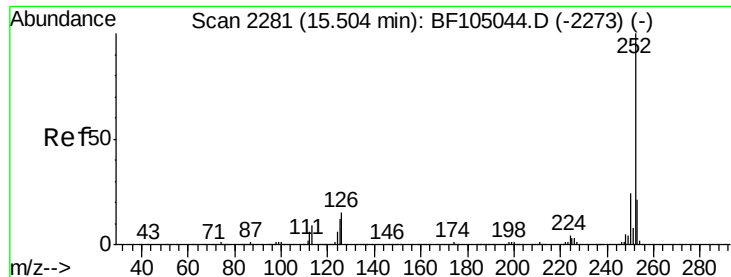
Tot Ion:252 Resp: 433125
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.48 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:252 Resp: 402962
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.2 10.2 15.2

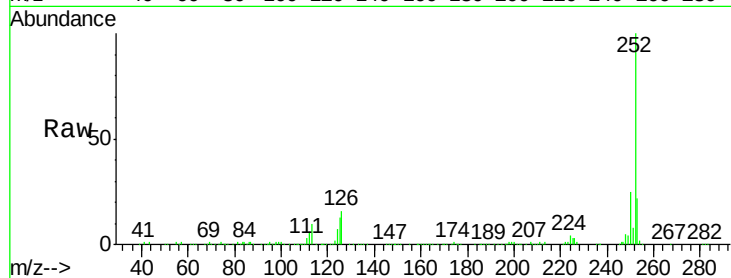




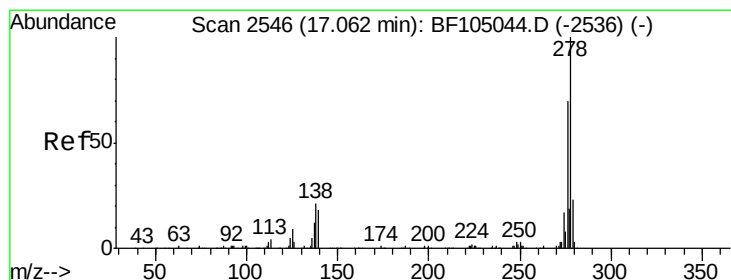
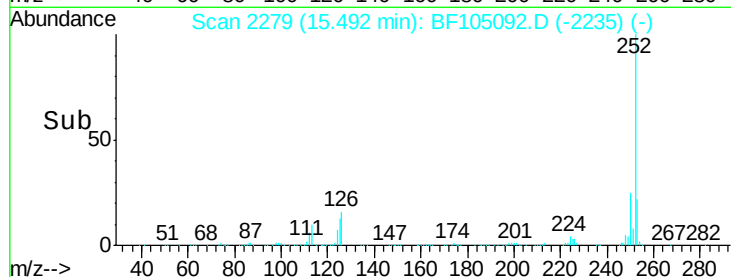
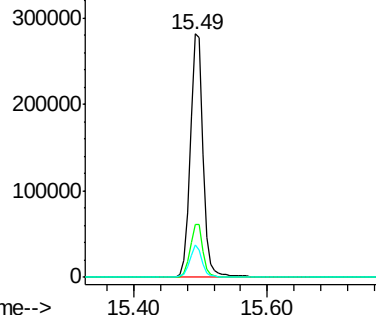
#89
Benzo(a)pyrene
Concen: 46.90 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 385399
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 9.8 14.6

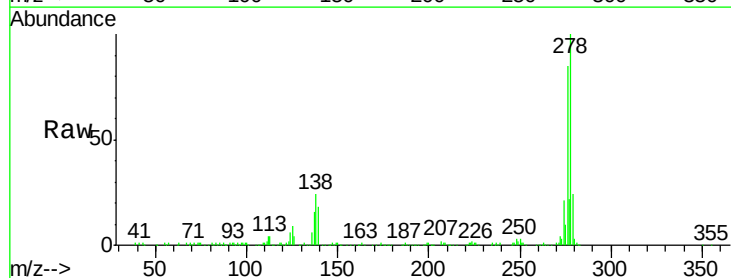


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

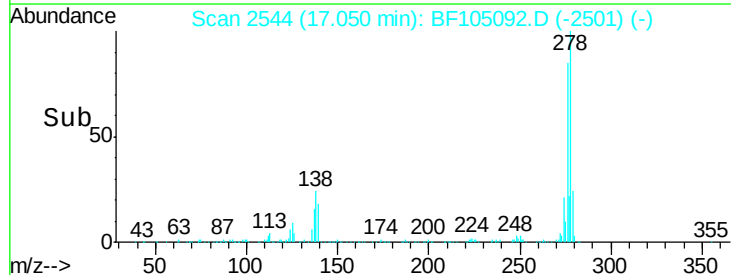
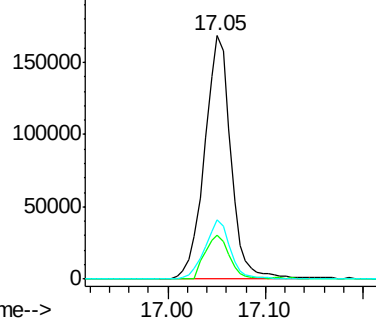


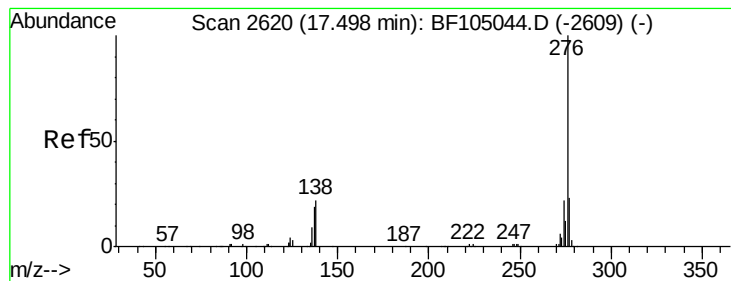
#90
Dibenzo(a,h)anthracene
Concen: 46.83 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.05 min
Lab File: BF105092.D
Acq: 4 May 2018 00:07

Tgt Ion:278 Resp: 316002
Ion Ratio Lower Upper
278 100
139 17.8 15.9 23.9
279 24.1 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 47.73 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF105092.D

Acq: 4 May 2018 00:07

Instrument :

BNA_F

ClientSampleId :

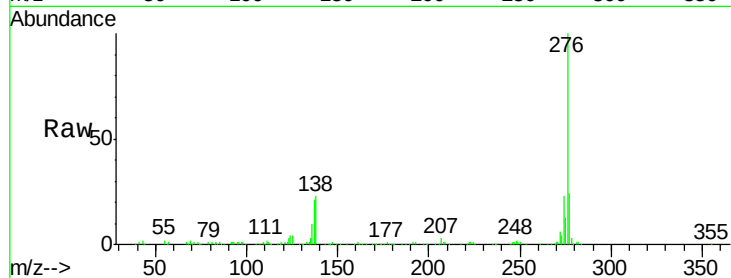
Tot Ion:276 Resp: 312073

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.3 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

