

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105042.D
 Acq On : 2 May 2018 20:16
 Operator : JU/SJ
 Sample : PB108660BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Quant Time: May 03 04:25:59 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	6.79	152	79496	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	315865	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	142843	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	237574	20.00	ng	0.00
75) Chrysene-d12	14.03	240	170880	20.00	ng	0.00
86) Perylene-d12	15.59	264	141006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	598431	115.10	ng	0.00
7) Phenol-d6	6.43	99	707748	110.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	432078	89.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	168621	113.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	827520	91.52	ng	0.00
78) Terphenyl-d14	12.92	244	703105	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	75071	30.989	ng	88
3) Pyridine	3.28	79	213152	31.295	ng	84
4) n-Nitrosodimethylamine	3.25	42	82267	34.553	ng	# 79
6) Aniline	6.46	93	171285	19.300	ng	95
8) 2-Chlorophenol	6.58	128	226017	41.188	ng	90
9) Benzaldehyde	6.34	77	81521	21.557	ng	99
10) Phenol	6.45	94	264439	39.015	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	199209	36.831	ng	93
12) 1,3-Dichlorobenzene	6.73	146	235197	37.834	ng	100
13) 1,4-Dichlorobenzene	6.80	146	240390	38.792	ng	99
14) 1,2-Dichlorobenzene	6.96	146	223325	38.889	ng	99
15) Benzyl Alcohol	6.94	79	173565	35.773	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	225204	31.004	ng	60
17) 2-Methylphenol	7.05	107	178509	37.424	ng	95
18) Hexachloroethane	7.29	117	74397	33.672	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	140208	33.589	ng	93
20) 3+4-Methylphenols	7.21	107	229991	38.877	ng	# 86
22) Acetophenone	7.20	105	296527	38.132	ng	# 98
24) Nitrobenzene	7.38	77	216725	40.580	ng	91
25) Isophorone	7.62	82	391202	38.244	ng	97
26) 2-Nitrophenol	7.69	139	113454	52.182	ng	96
27) 2,4-Dimethylphenol	7.73	122	194256	43.030	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	253092	40.468	ng	99
29) 2,4-Dichlorophenol	7.94	162	184721	42.884	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	190509	40.300	ng	99
31) Naphthalene	8.10	128	632581	40.219	ng	100
32) Benzoic acid	7.86	122	81521	22.632	ng	96
33) 4-Chloroaniline	8.15	127	92873	13.783	ng	96
34) Hexachlorobutadiene	8.20	225	106014	40.943	ng	99
35) Caprolactam	8.53	113	57941	38.559	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	191407	41.442	ng	94
37) 2-Methylnaphthalene	8.79	142	419594	41.242	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	179007	43.778	ng	98
40) Hexachlorocyclopentadiene	8.93	237	15067	6.582	ng	99

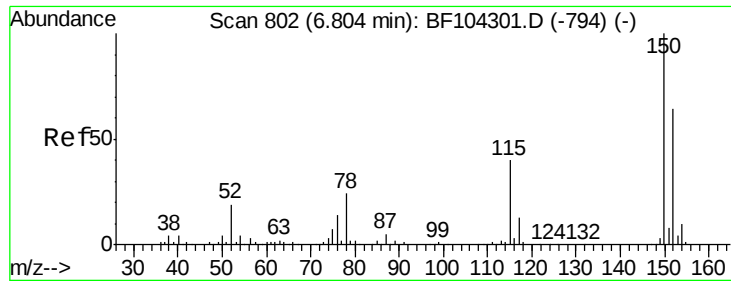
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
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 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	119784	42.200	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	126895	39.949	nq	93
45) 1,1'-Biphenyl	9.25	154	492265	41.023	nq	99
46) 2-Chloronaphthalene	9.28	162	384402	40.556	nq	99
47) 2-Nitroaniline	9.38	65	110785	47.263	nq	96
48) Acenaphthylene	9.70	152	562934	37.854	nq	99
49) Dimethylphthalate	9.55	163	460807	40.909	nq	100
50) 2,6-Dinitrotoluene	9.63	165	97862	46.951	nq	# 81
51) Acenaphthene	9.87	154	329371	36.301	nq	99
52) 3-Nitroaniline	9.79	138	62266	25.517	nq	99
53) 2,4-Dinitrophenol	9.92	184	16370	29.232	nq	# 21
54) Dibenzofuran	10.04	168	491536	38.873	nq	99
55) 4-Nitrophenol	9.97	139	120510	62.870	nq	99
56) 2,4-Dinitrotoluene	10.03	165	117074	42.821	nq	94
57) Fluorene	10.38	166	389533	42.323	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	91598	38.653	nq	95
59) Diethylphthalate	10.25	149	435300	38.802	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	188194	45.913	nq	99
61) 4-Nitroaniline	10.41	138	89607	37.557	nq	96
62) Azobenzene	10.53	77	379328	35.392	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	16019	19.073	nq	82
65) n-Nitrosodiphenylamine	10.49	169	351678	42.693	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	109577	43.362	nq	91
67) Hexachlorobenzene	10.93	284	116805	41.079	nq	# 86
68) Atrazine	11.02	200	113424	45.618	nq	98
69) Pentachlorophenol	11.13	266	90322	51.346	nq	97
70) Phenanthrene	11.35	178	523988	39.605	nq	98
71) Anthracene	11.40	178	539341	40.103	nq	98
72) Carbazole	11.56	167	485037	36.908	nq	100
73) Di-n-butylphthalate	11.88	149	652663	40.656	nq	99
74) Fluoranthene	12.54	202	503212	36.404	nq	98
76) Benzidine	12.67	184	320365	65.476	nq	97
77) Pyrene	12.77	202	498511	39.358	nq	99
79) Butylbenzylphthalate	13.40	149	245058	41.067	nq	96
80) Benzo(a)anthracene	14.02	228	443993	43.492	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	157200	41.300	nq	99
82) Chrysene	14.06	228	416080	39.681	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	344918	44.938	nq	100
84) Di-n-octyl phthalate	14.67	149	570808	44.508	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.08	276	320275	35.956	nq	96
87) Benzo(b)fluoranthene	15.16	252	382494	42.949	nq	98
88) Benzo(k)fluoranthene	15.19	252	361105	42.949	nq	97
89) Benzo(a)pyrene	15.53	252	340222	42.697	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	269433	41.170	nq	96
91) Benzo(g,h,i)perylene	17.52	276	257259	40.574	nq	94

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

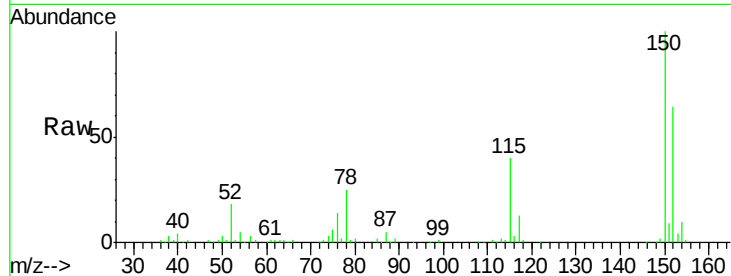


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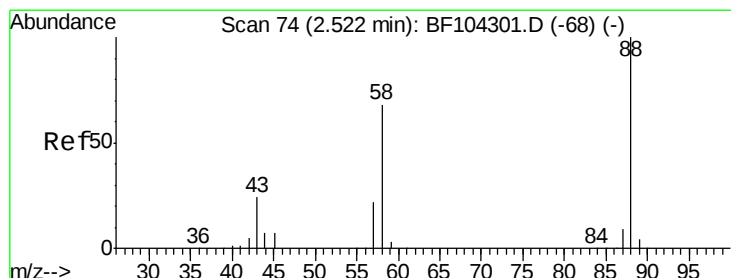
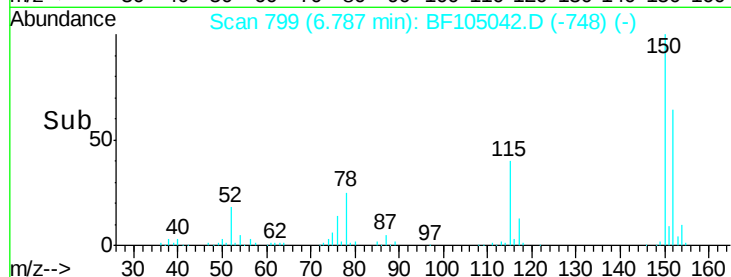
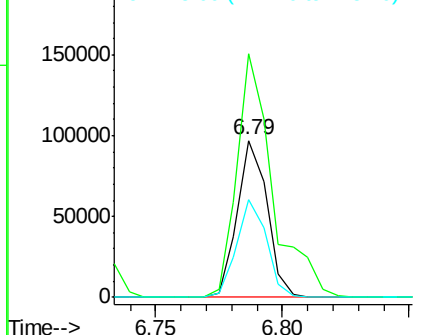
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:152 Resp: 79496
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 62.4 50.1 75.1



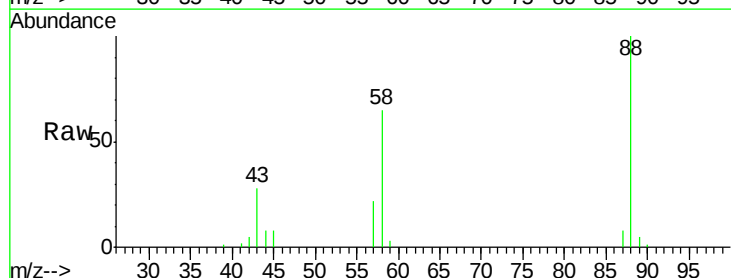
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



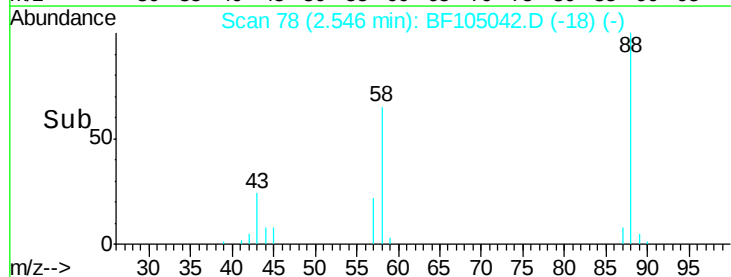
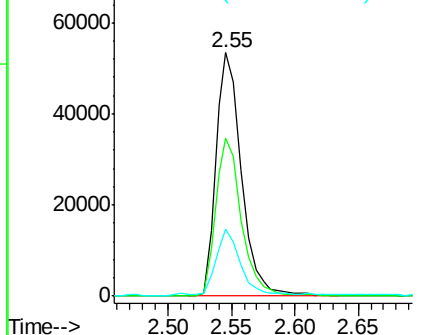
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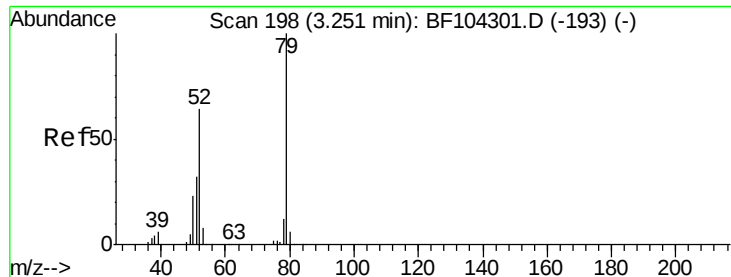
1,4-Dioxane
Concen: 30.989 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion: 88 Resp: 75071
Ion Ratio Lower Upper
88 100
58 65.4 62.6 93.8
43 28.1 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: 31.295 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

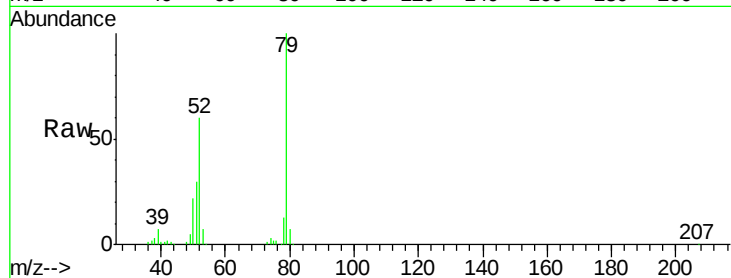
Tot Ion: 79 Resp: 213152

Ion Ratio Lower Upper

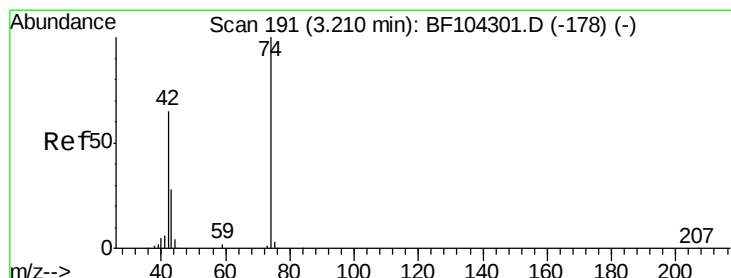
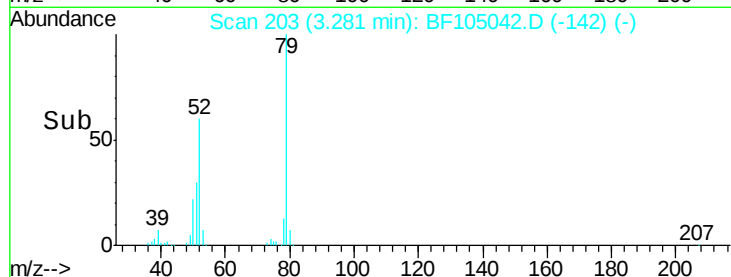
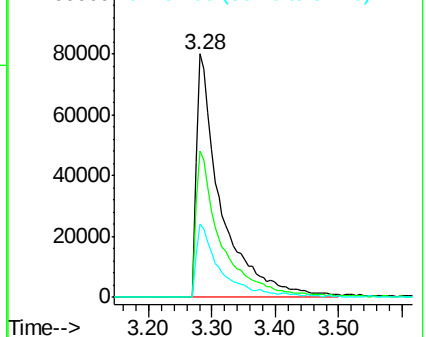
79 100

52 60.0 59.8 89.6

51 30.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.553 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

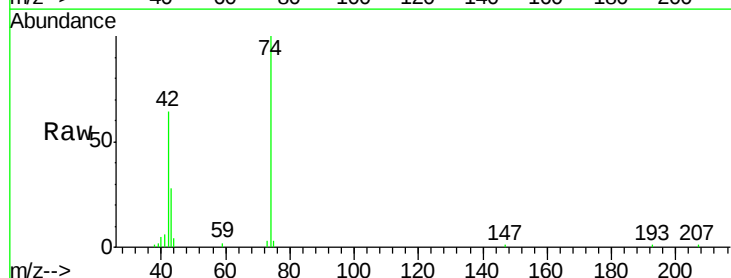
Tgt Ion: 42 Resp: 82267

Ion Ratio Lower Upper

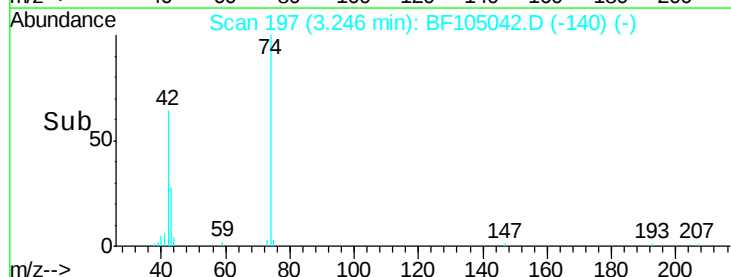
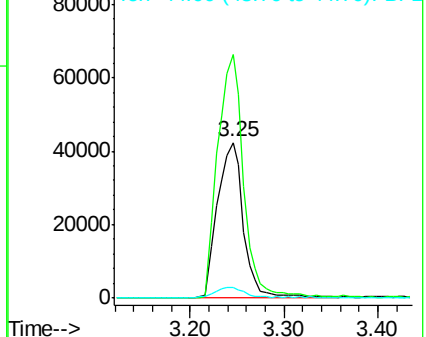
42 100

74 156.6 104.9 157.3

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

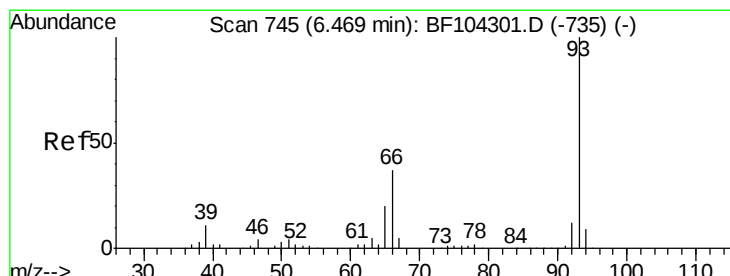
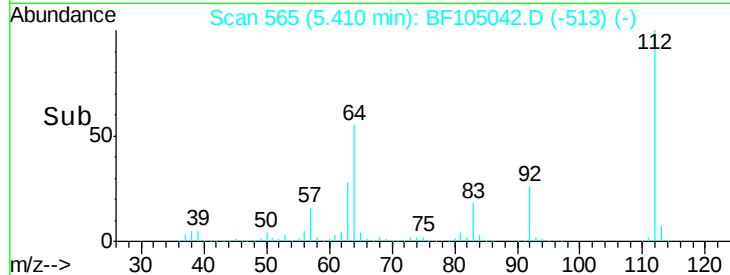
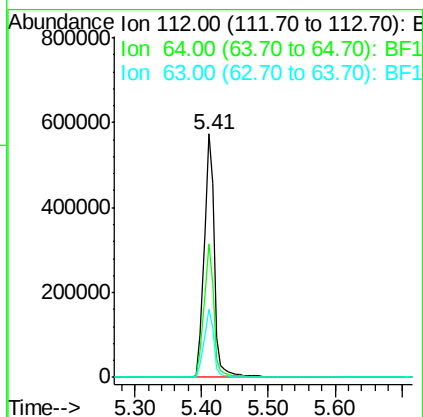
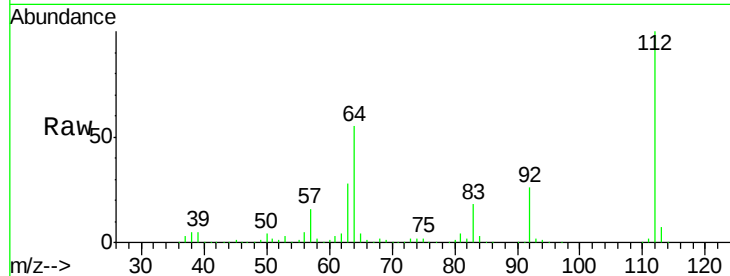




#5
 2-Fluorophenol
 Concen: 115.104 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

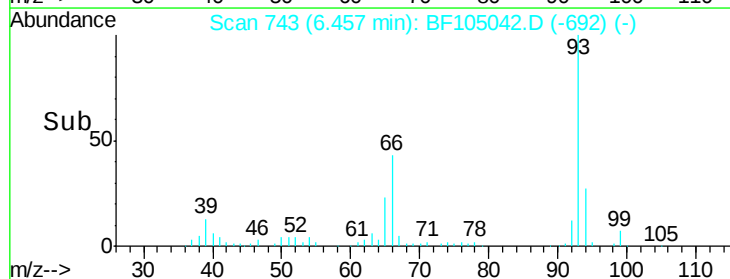
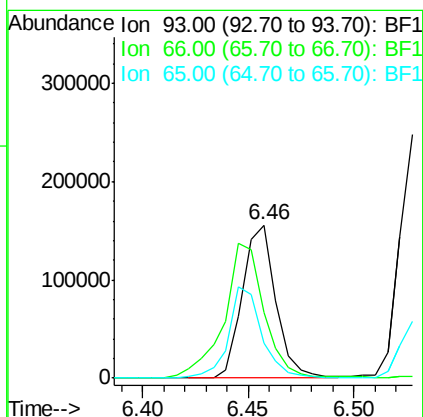
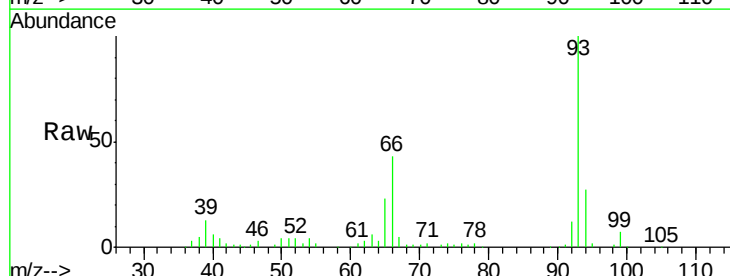
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion:	112	Resp:	598431
Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.9	23.7	35.5



#6
 Aniline
 Concen: 19.300 ng
 RT: 6.46 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion:	93	Resp:	171285
Ion	Ratio	Lower	Upper
93	100		
66	43.1	32.2	48.2
65	22.9	16.4	24.6





#7

Phenol-d6

Concen: 110.795 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

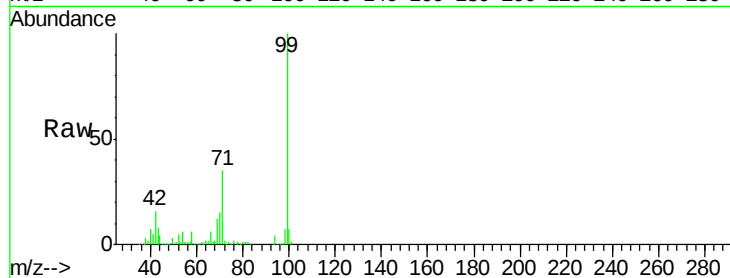
Tot Ion: 99 Resp: 707748

Ion Ratio Lower Upper

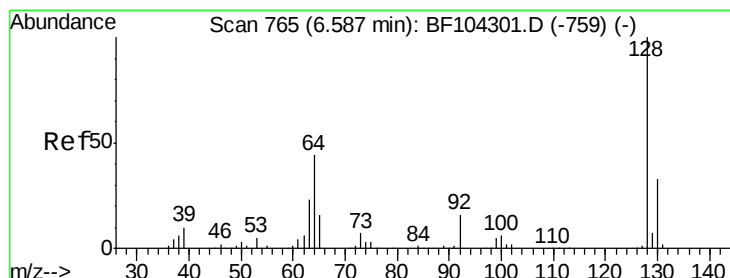
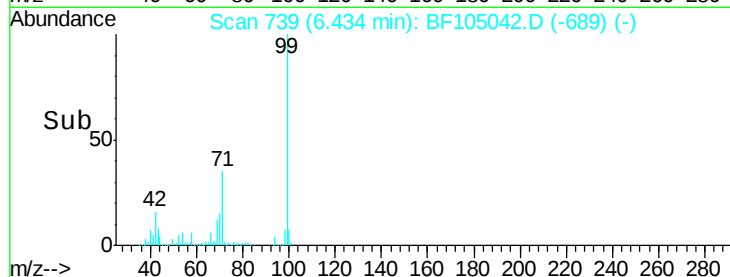
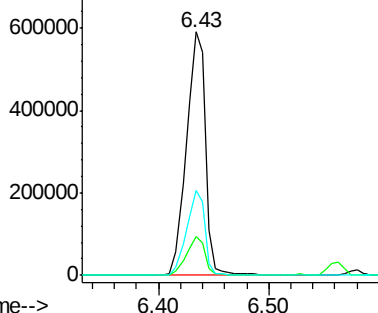
99 100

42 15.9 14.5 21.7

71 34.7 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: 41.188 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

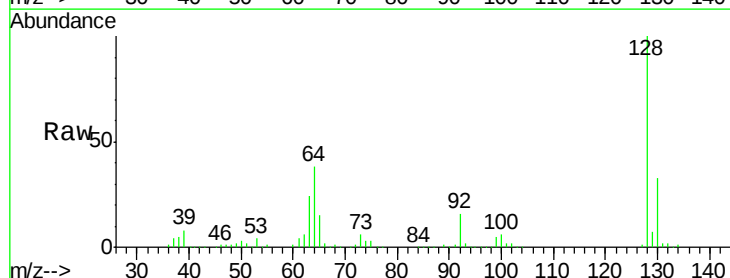
Tgt Ion: 128 Resp: 226017

Ion Ratio Lower Upper

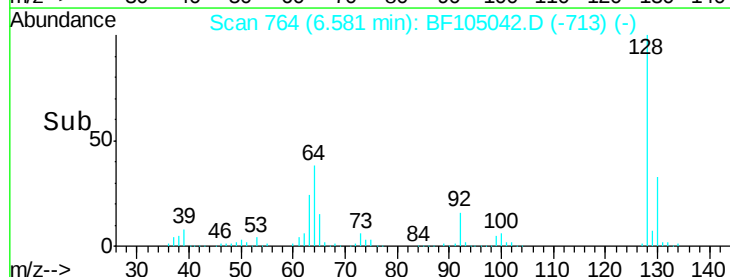
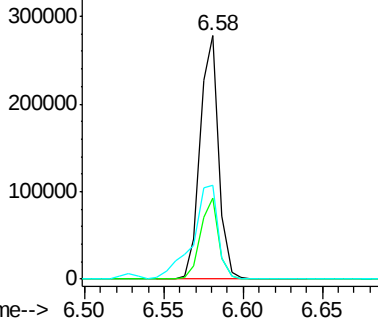
128 100

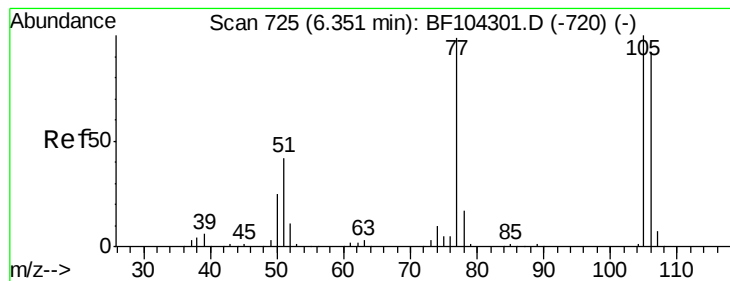
130 33.4 13.0 53.0

64 38.4 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: 21.557 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleID :

PB108660BS

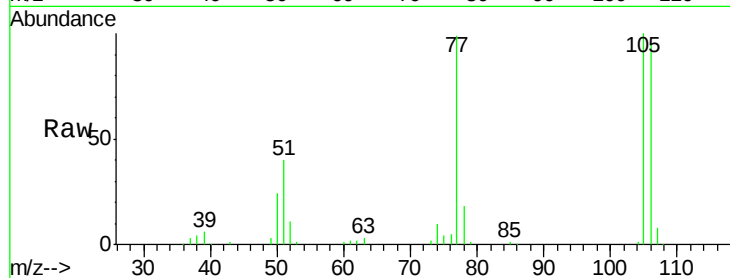
Tot Ion: 77 Resp: 81521

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

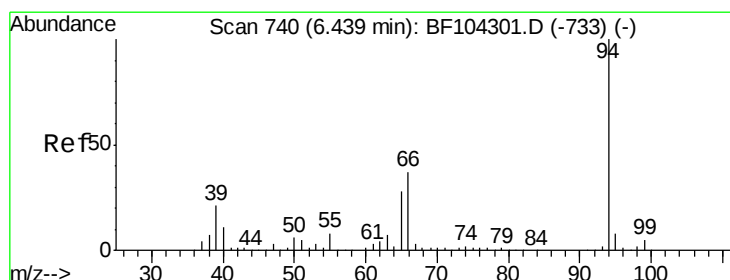
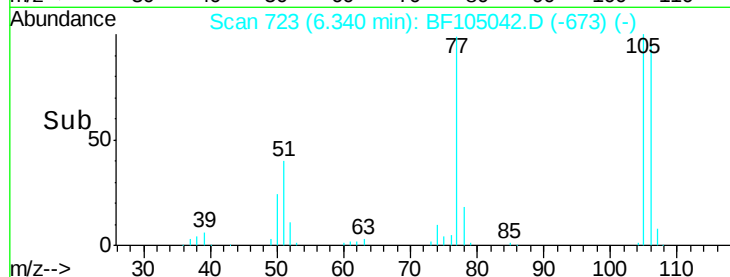
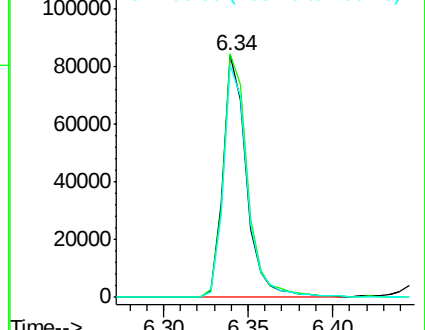
106 96.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.015 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

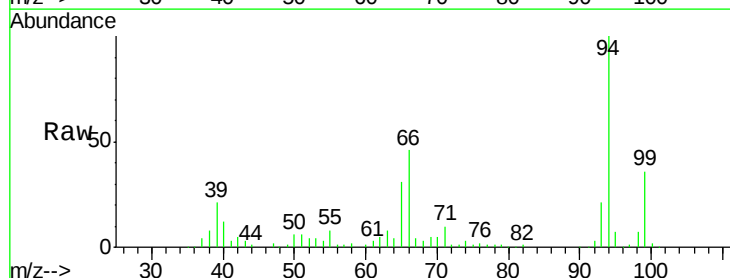
Tgt Ion: 94 Resp: 264439

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

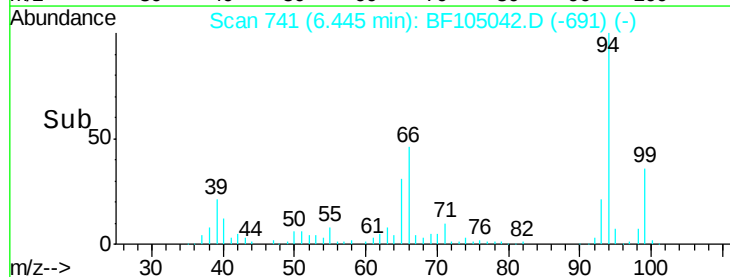
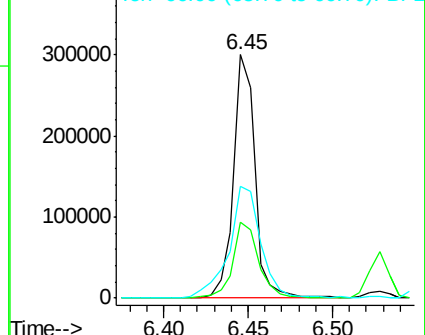
66 45.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

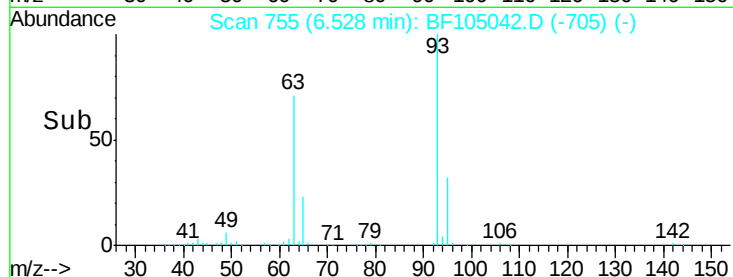
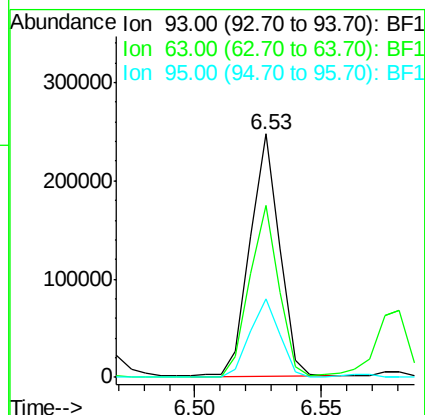
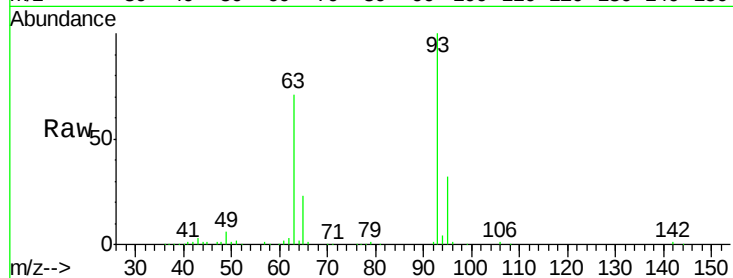




#11
 bis(2-Chloroethyl)ether
 Concen: 36.831 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

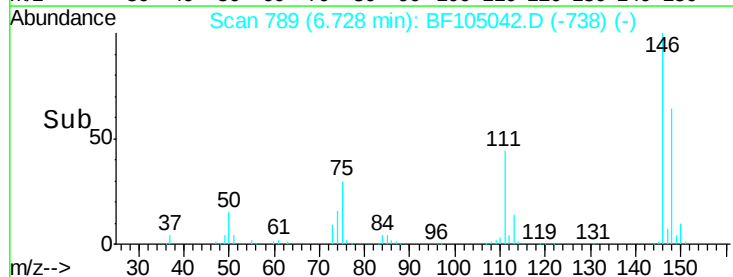
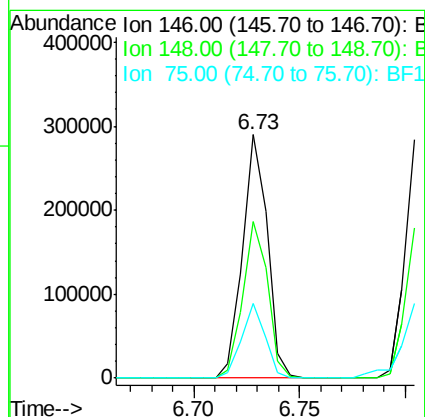
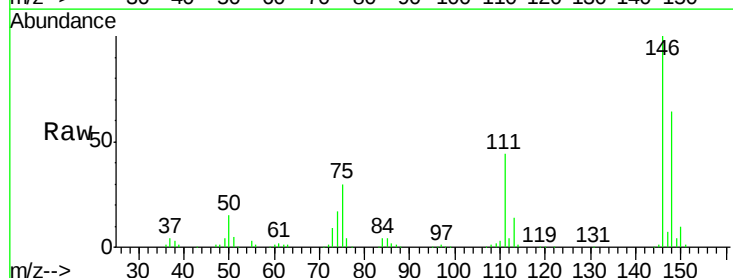
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

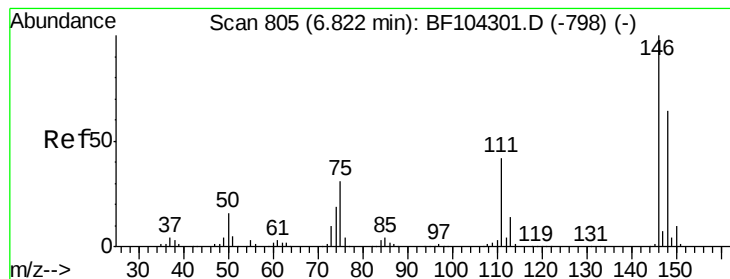
Tot Ion: 93 Resp: 199209
 Ion Ratio Lower Upper
 93 100
 63 70.8 58.6 98.6
 95 32.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.834 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion: 146 Resp: 235197
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.792 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

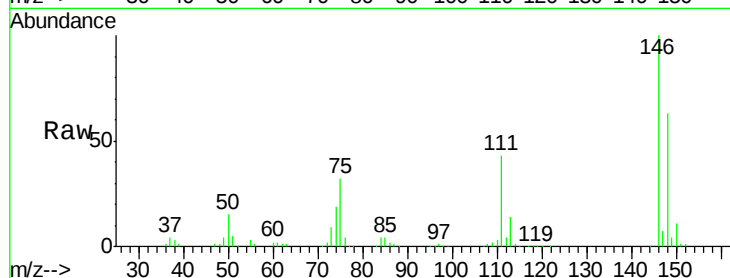
Tot Ion:146 Resp: 240390

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

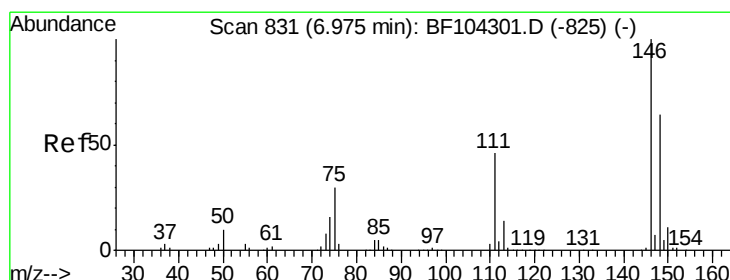
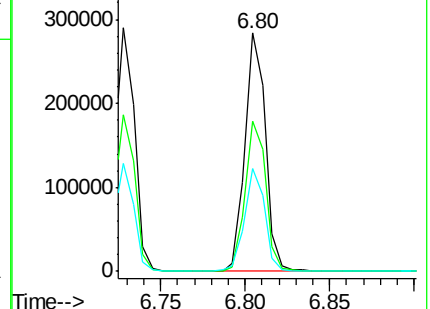
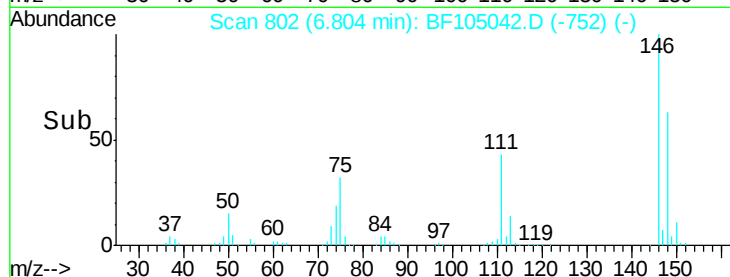
111 43.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.889 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

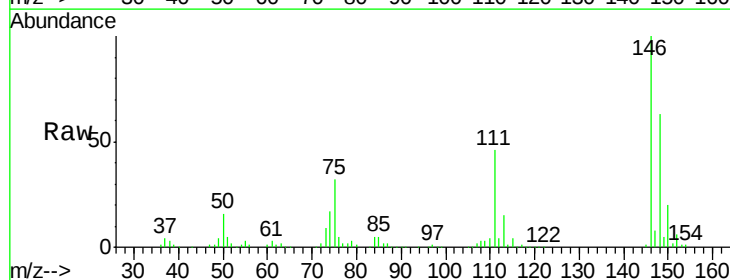
Tgt Ion:146 Resp: 223325

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

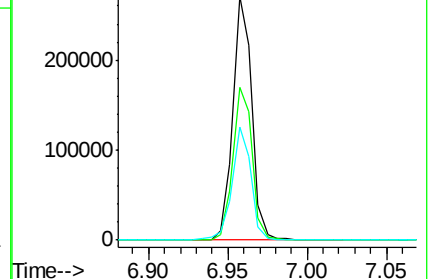
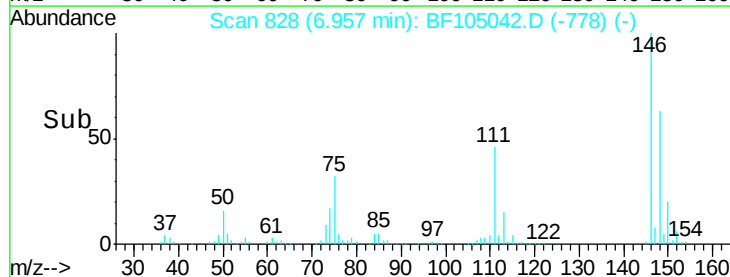
111 46.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.773 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

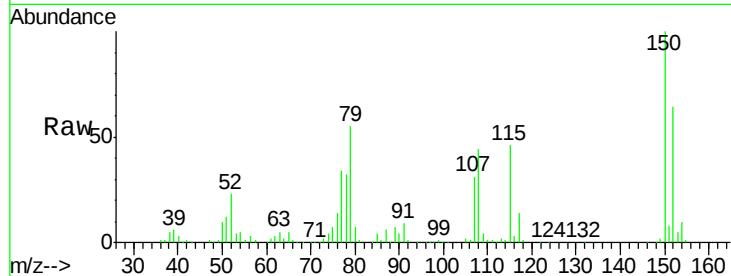
Tot Ion: 79 Resp: 173565

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

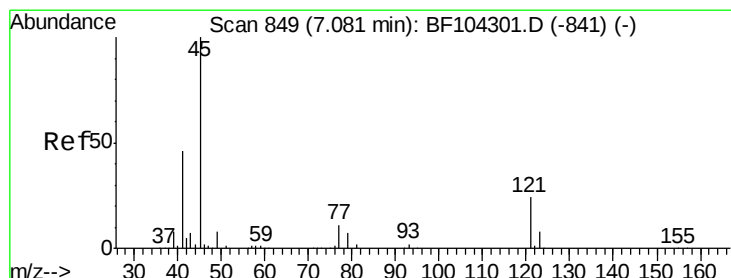
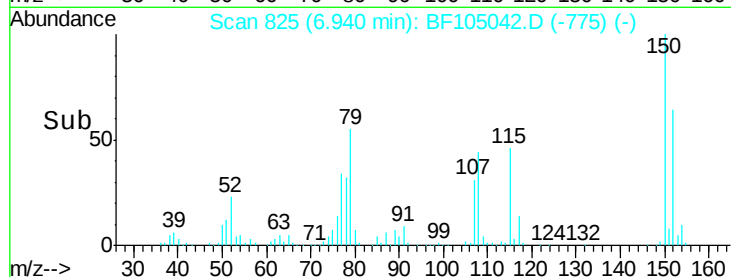
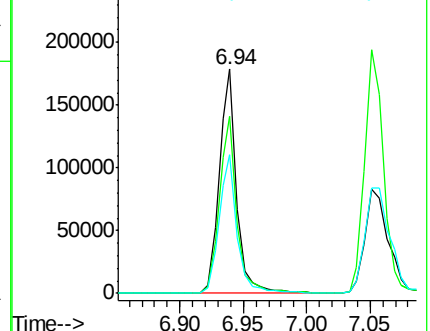
77 61.7 50.6 75.8



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: 31.004 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

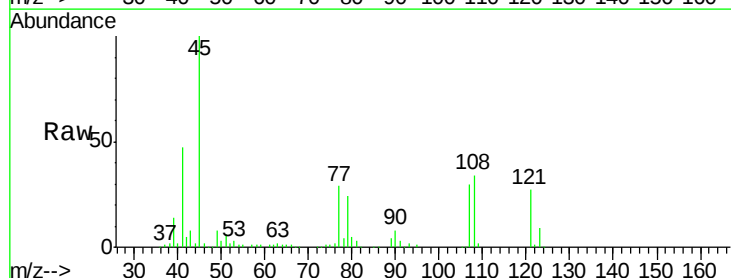
Tgt Ion: 45 Resp: 225204

Ion Ratio Lower Upper

45 100

77 28.7 0.0 32.9

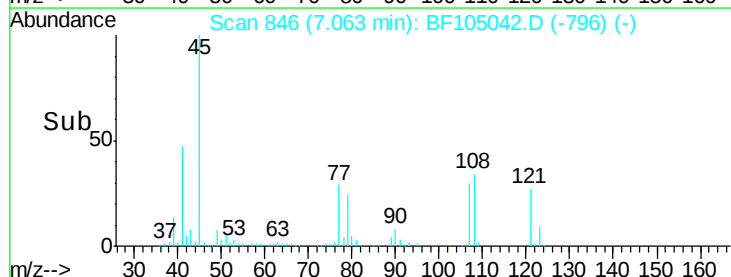
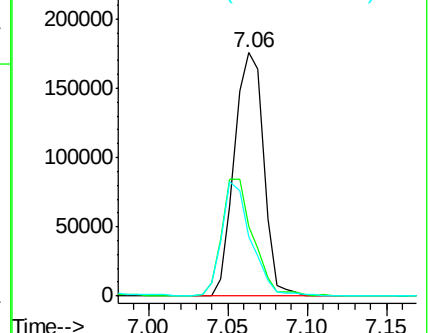
79 24.4 0.0 29.6

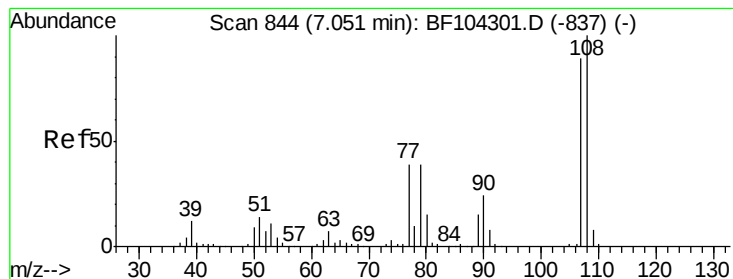


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

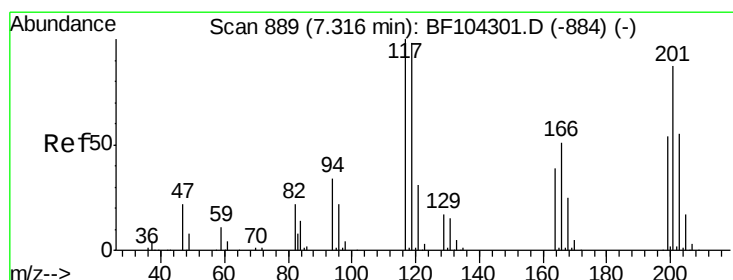
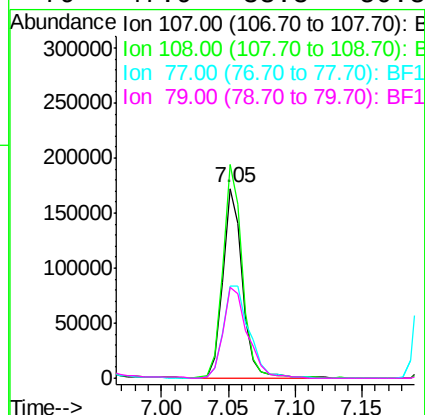
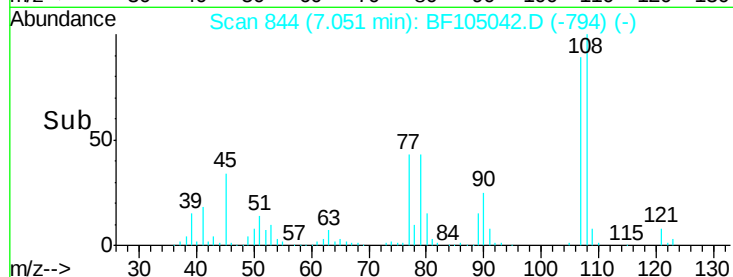
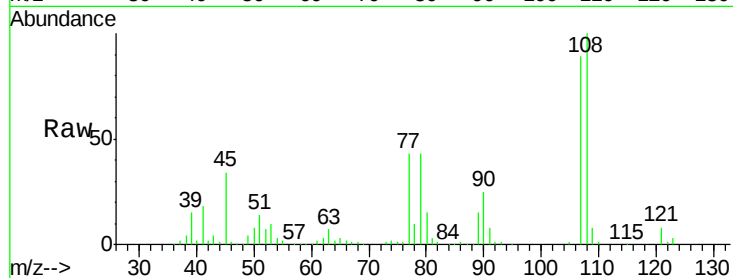




#17
2-Methylphenol
Concen: 37.424 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

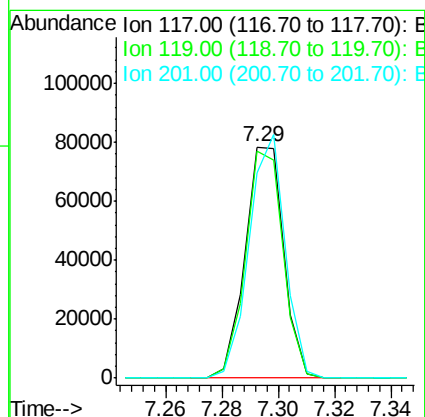
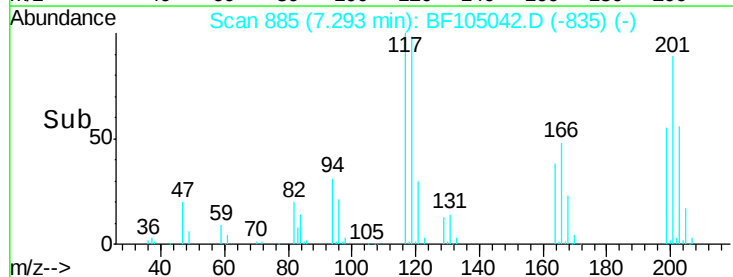
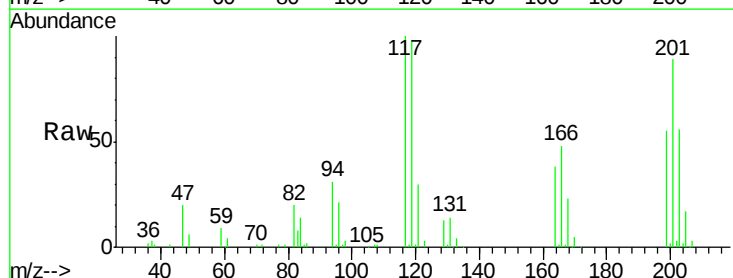
Instrument :
BNA_F
ClientSampleId :
PB108660BS

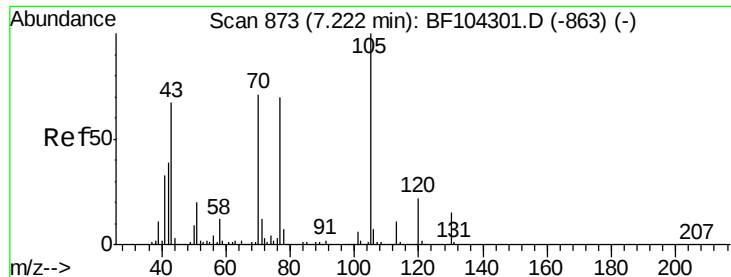
Tot Ion:107 Resp: 178509
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 48.7 33.8 50.8
79 47.9 33.8 50.8



#18
Hexachloroethane
Concen: 33.672 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:117 Resp: 74397
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.8
201 88.8 75.7 113.5

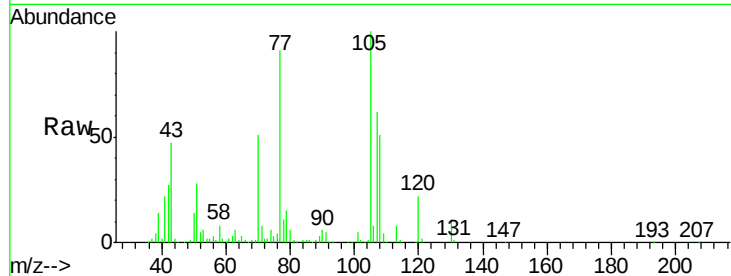




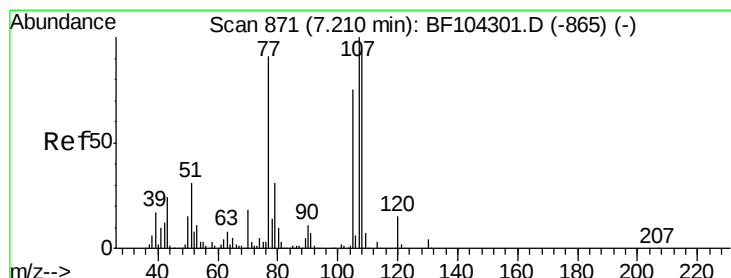
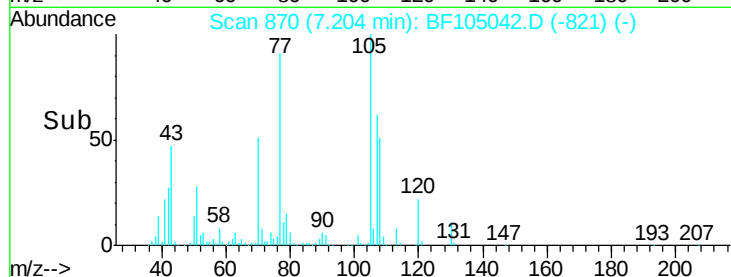
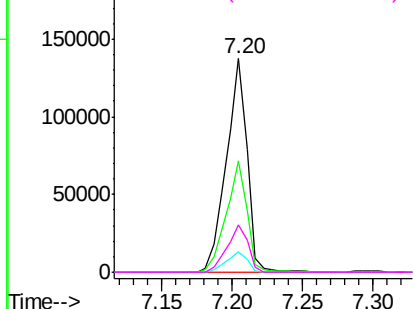
#19
n-Nitroso-di-n-propylamine
Concen: 33.589 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion: 70 Resp: 140208
Ion Ratio Lower Upper
70 100
42 52.0 47.5 71.3
101 9.4 7.4 11.2
130 22.3 16.6 25.0



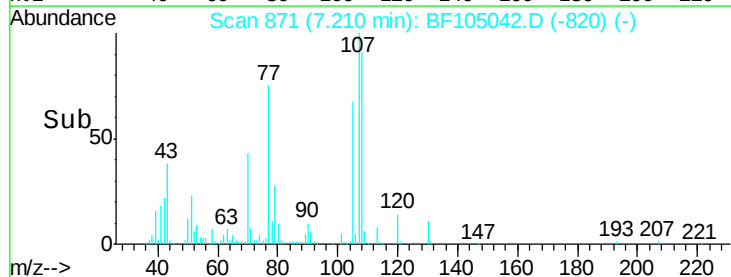
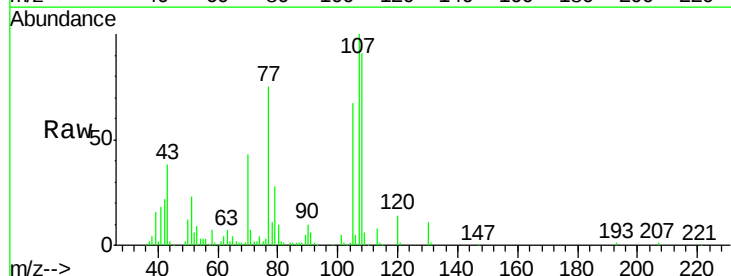
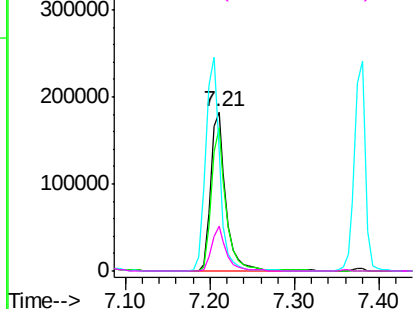
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

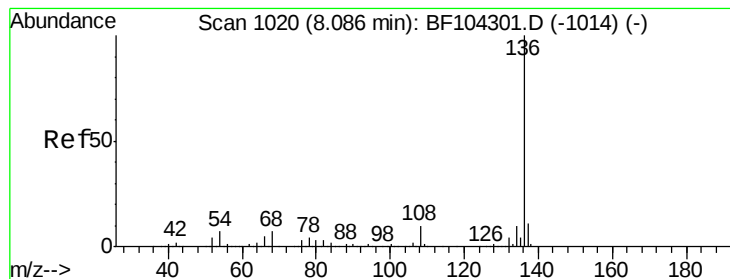


#20
3+4-Methylphenols
Concen: 38.877 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion: 107 Resp: 229991
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 75.4 26.7 66.7#
79 27.9 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

Tot Ion:136 Resp: 315865

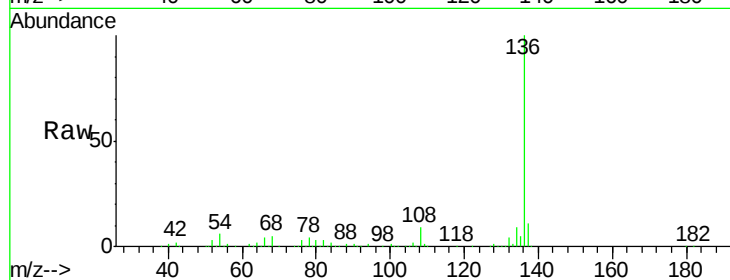
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.0 5.0 7.4

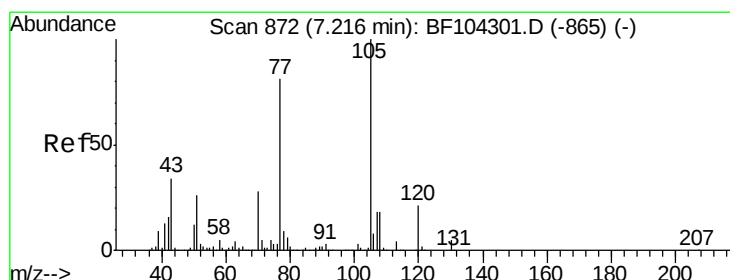
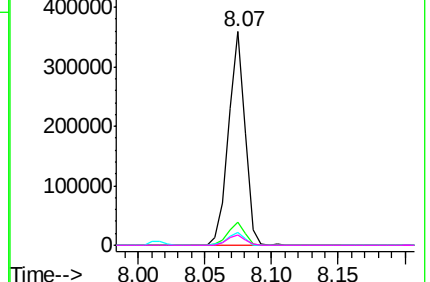
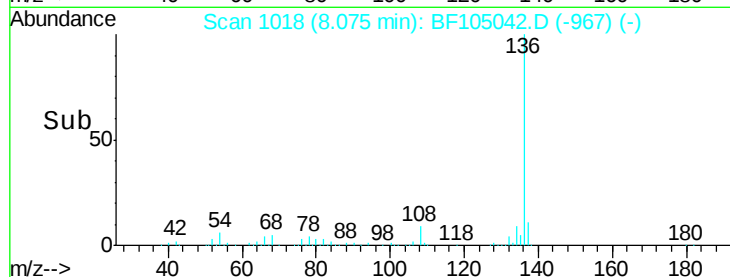


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.132 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Tgt Ion:105 Resp: 296527

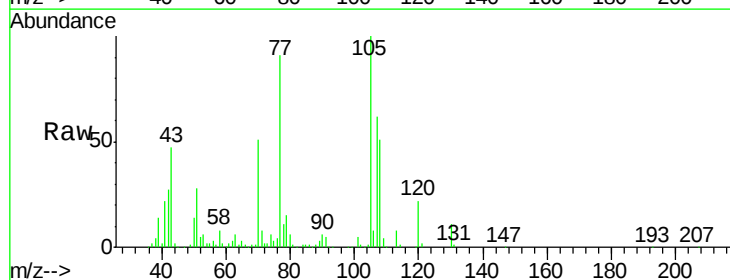
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 28.4 22.3 33.5

120 21.7 16.9 25.3

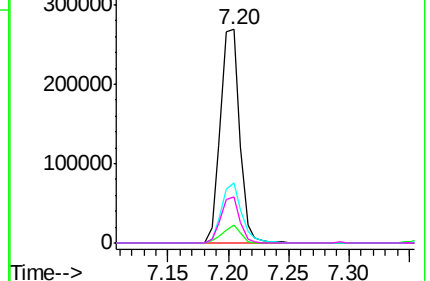
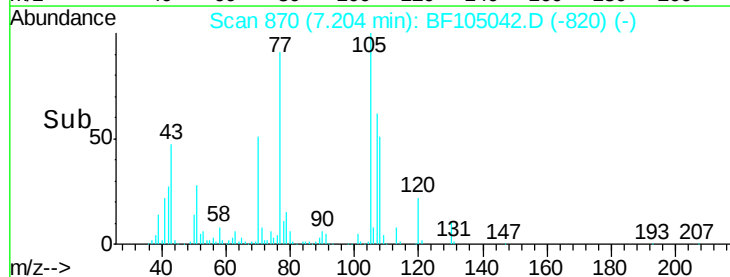


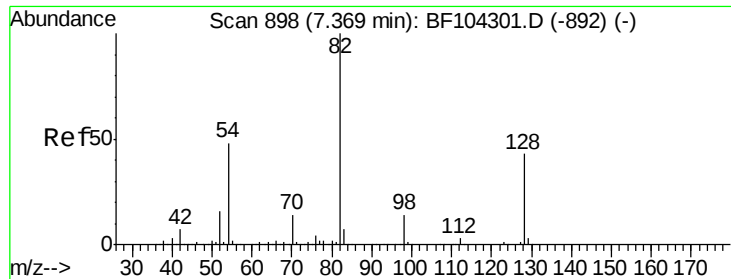
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

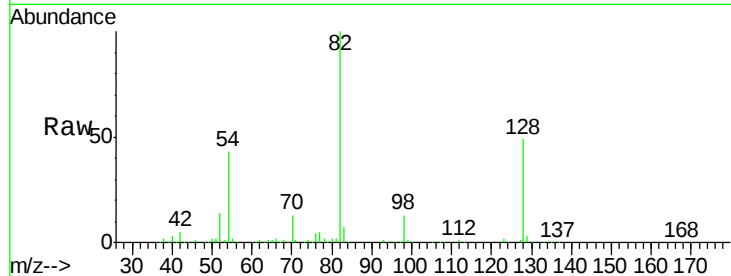




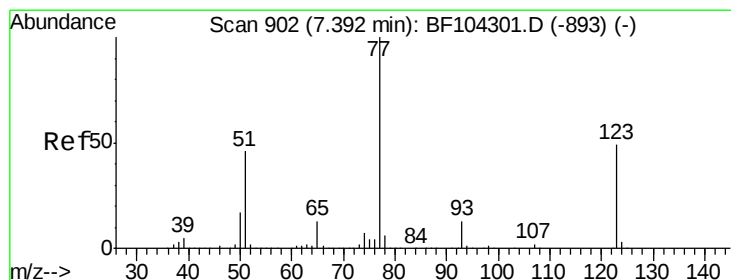
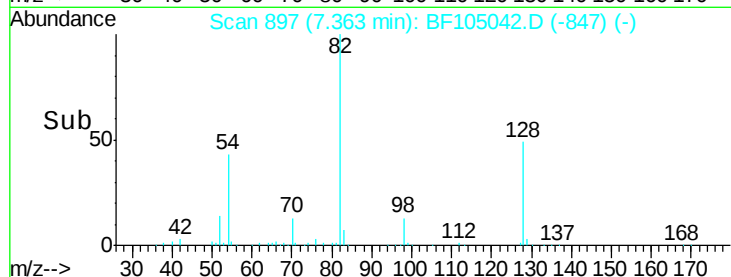
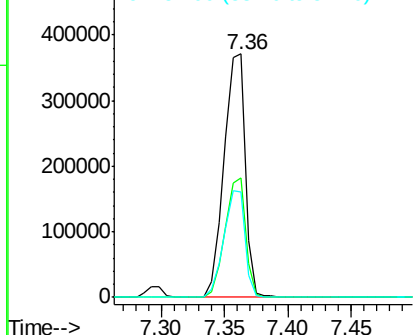
#23
 Nitrobenzene-d5
 Concen: 89.323 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleID :
 PB108660BS

Tot Ion: 82 Resp: 432078
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 43.2 41.4 62.2

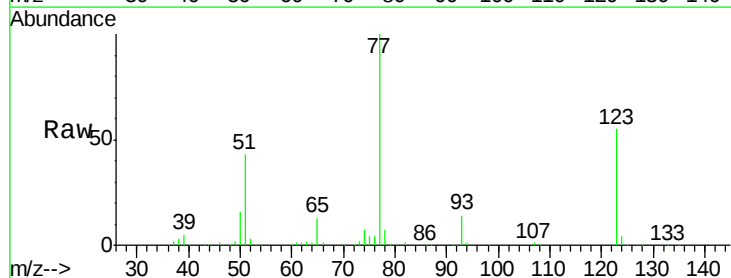


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

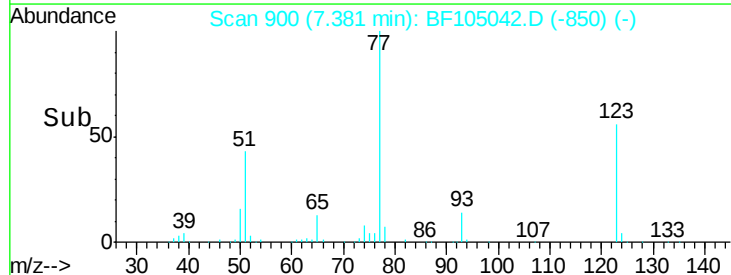
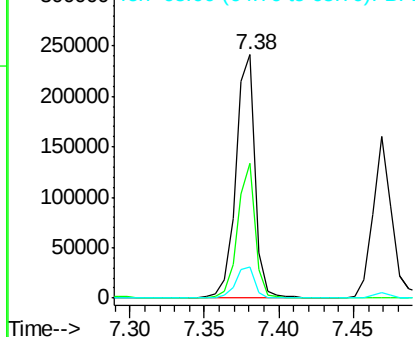


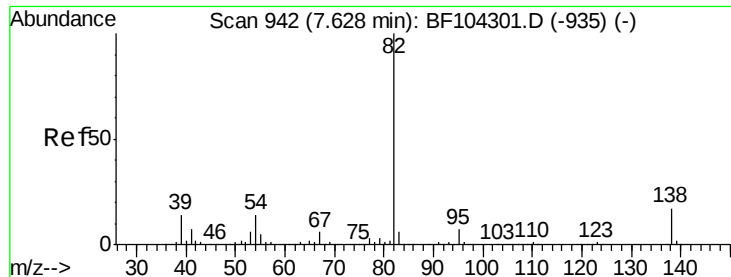
#24
 Nitrobenzene
 Concen: 40.580 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion: 77 Resp: 216725
 Ion Ratio Lower Upper
 77 100
 123 55.2 37.9 56.9
 65 12.8 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: 38.244 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

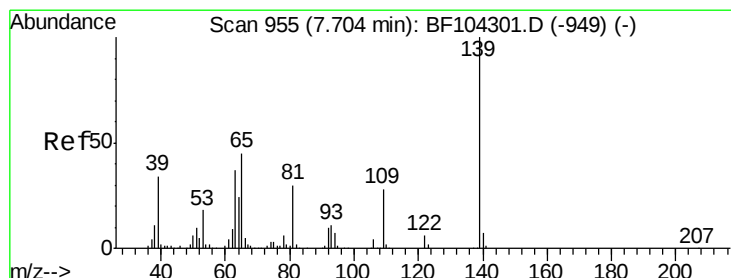
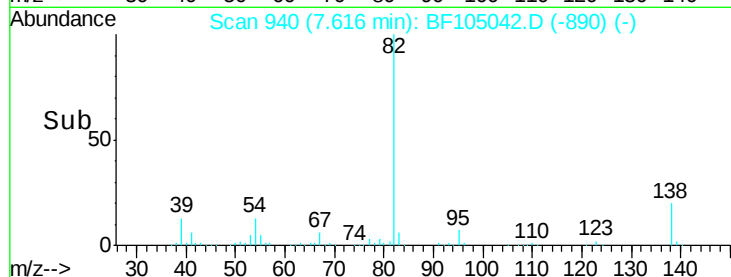
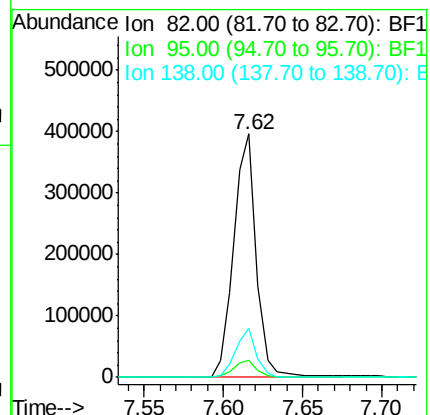
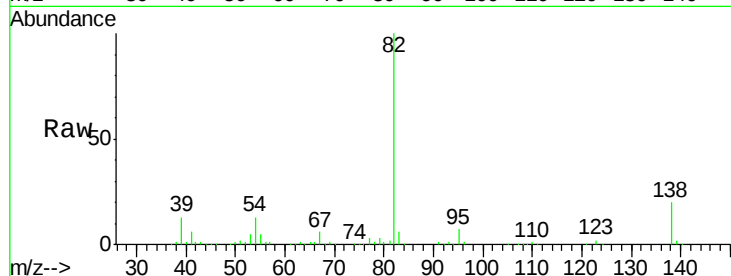
Tot Ion: 82 Resp: 391202

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 52.182 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

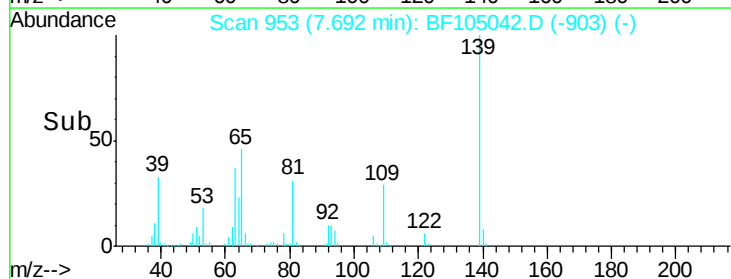
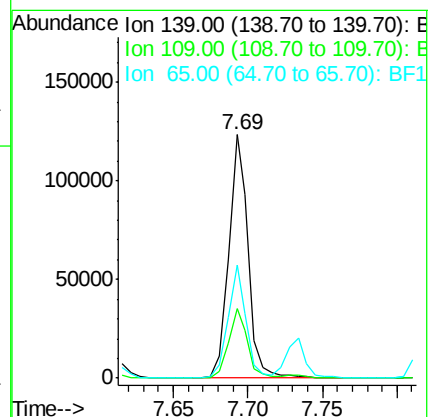
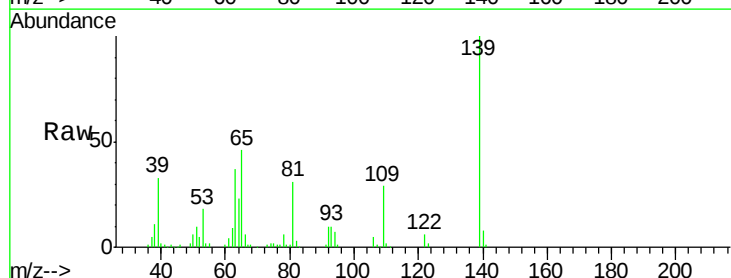
Tgt Ion: 139 Resp: 113454

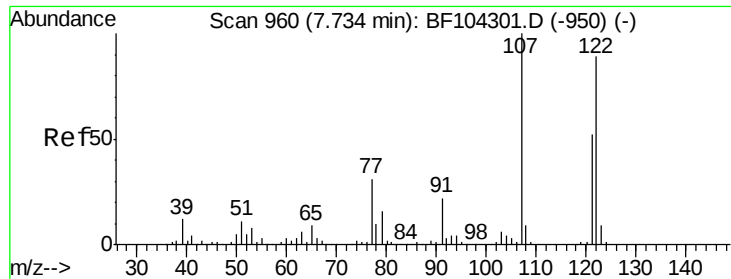
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 46.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.030 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

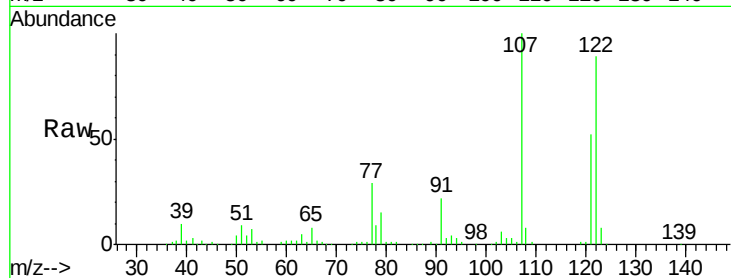
Tot Ion:122 Resp: 194256

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

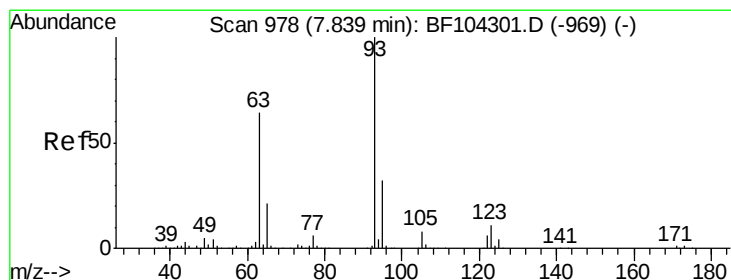
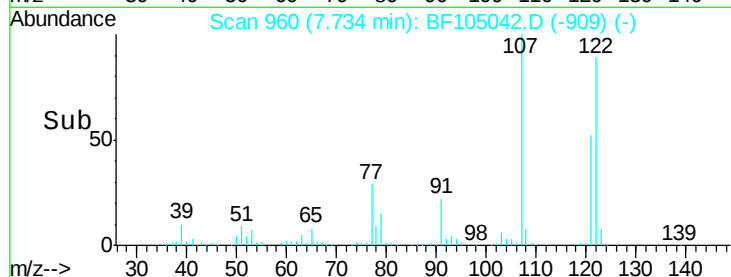
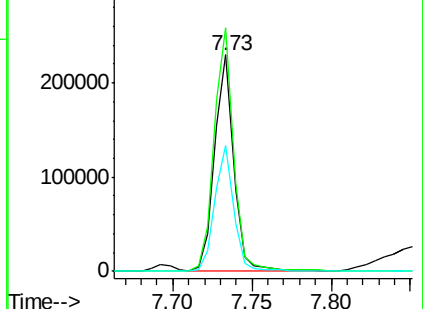
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.468 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

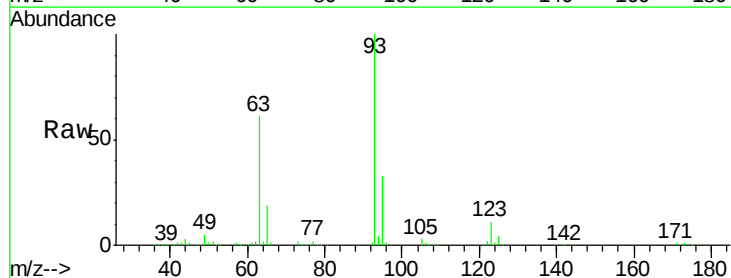
Tgt Ion: 93 Resp: 253092

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

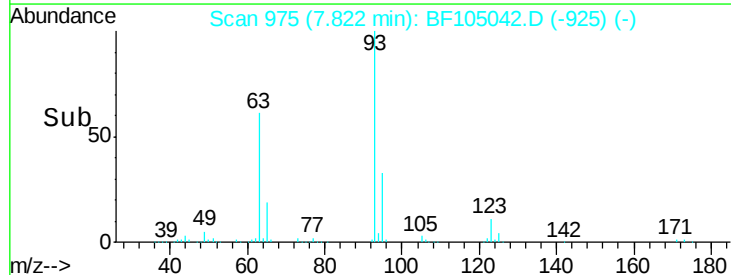
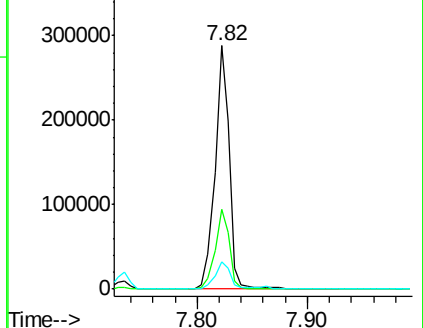
123 11.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

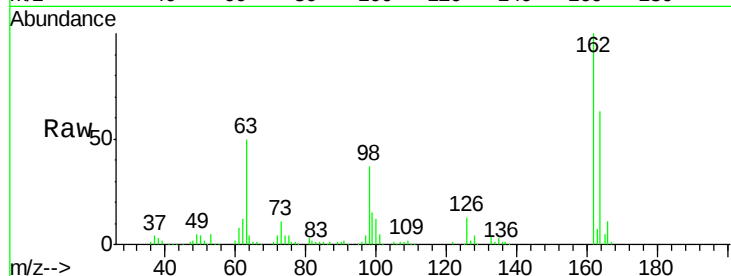




#29
 2,4-Dichlorophenol
 Concen: 42.884 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	36.8	18.1	58.1

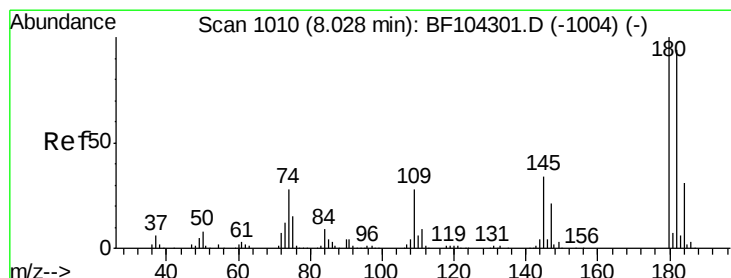
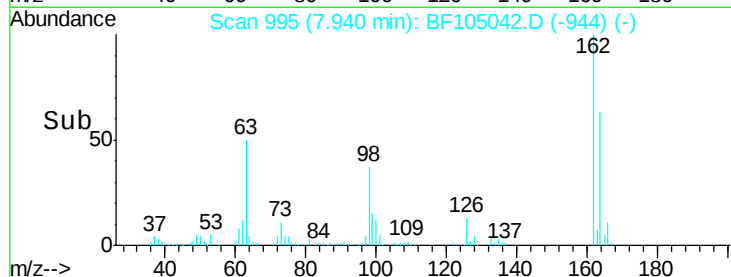
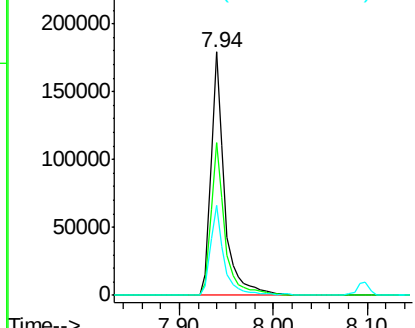


Abundance

Ion 162.00 (161.70 to 162.70): E

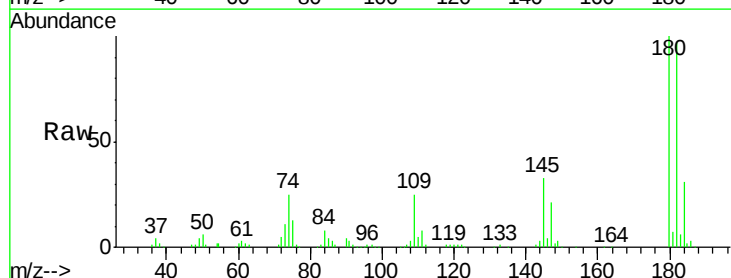
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.300 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.8	115.2
145	33.4	26.5	39.7

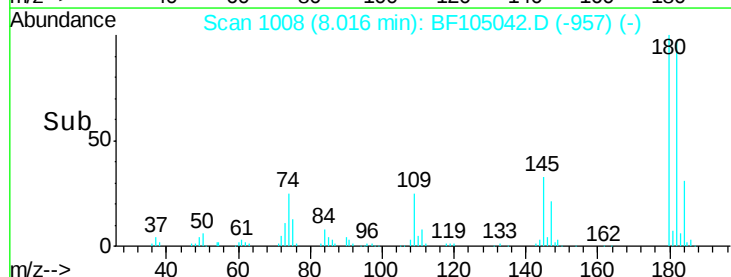
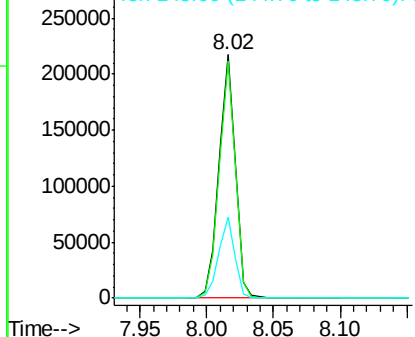


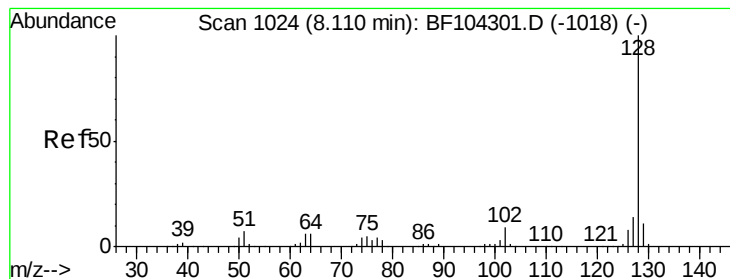
Abundance

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: 40.219 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

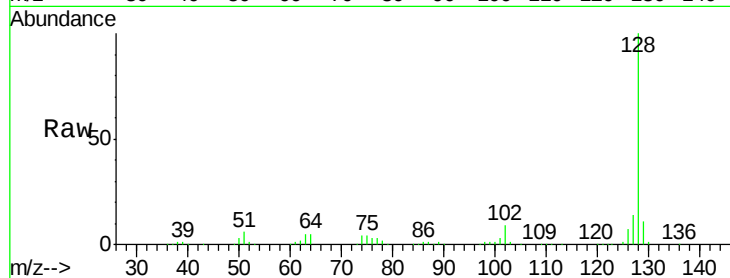
Tot Ion:128 Resp: 632581

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

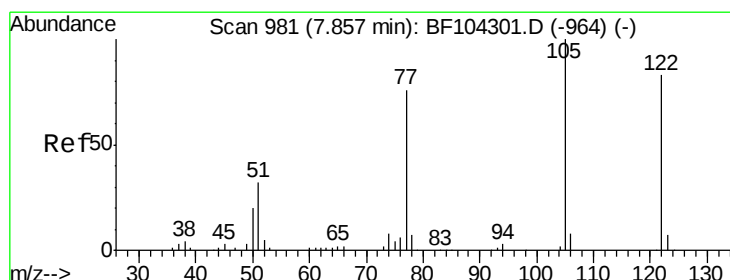
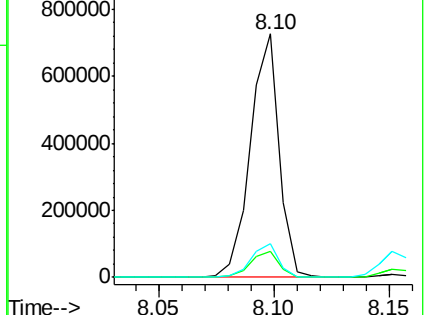
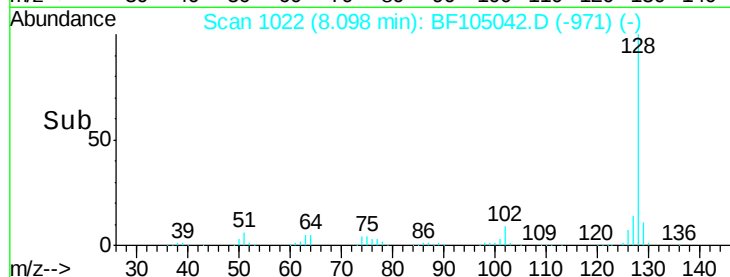
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.632 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

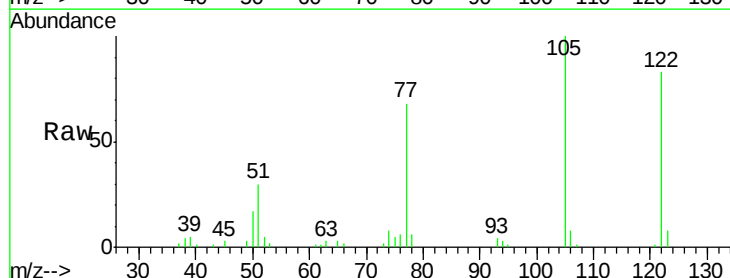
Tgt Ion:122 Resp: 81521

Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

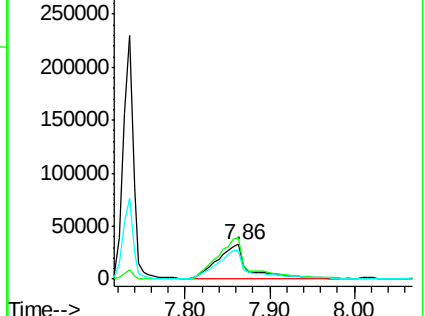
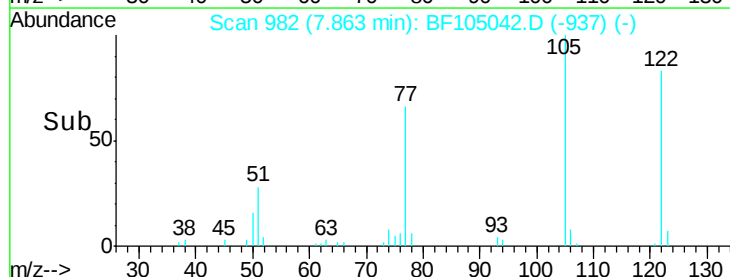
77 82.0 70.7 110.7

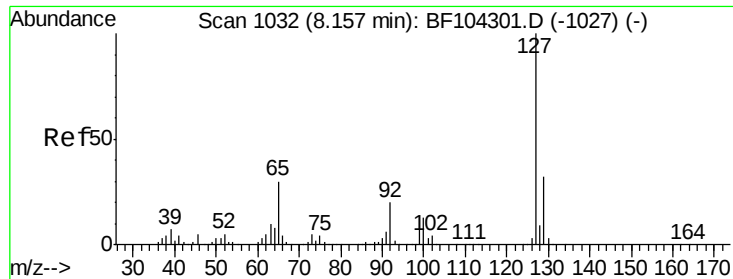


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

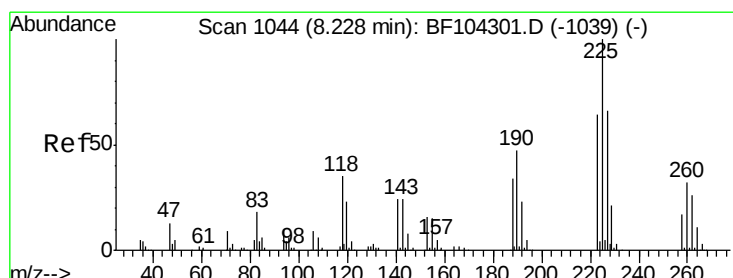
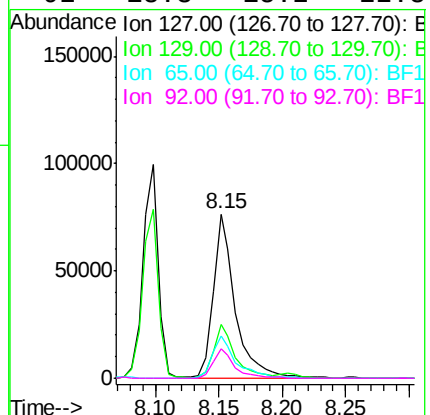
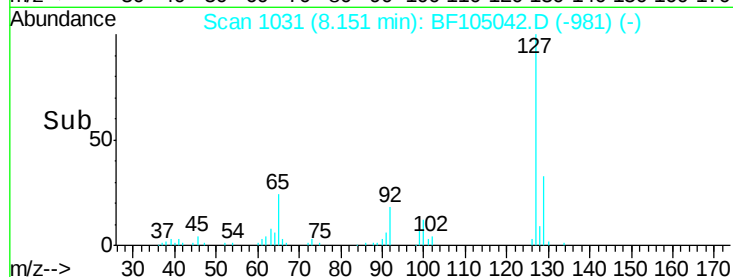
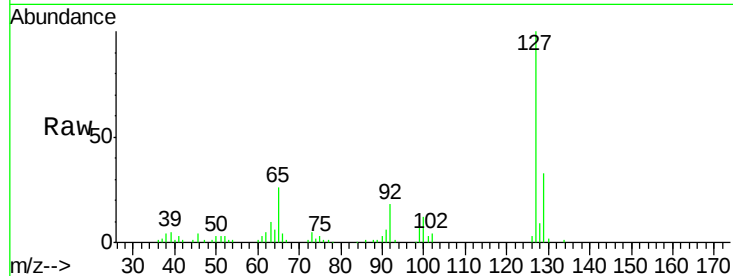




#33
4-Chloroaniline
Concen: 13.783 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

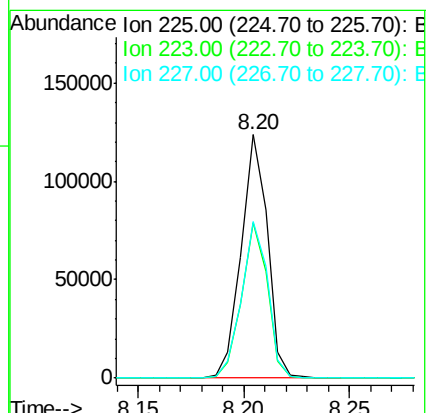
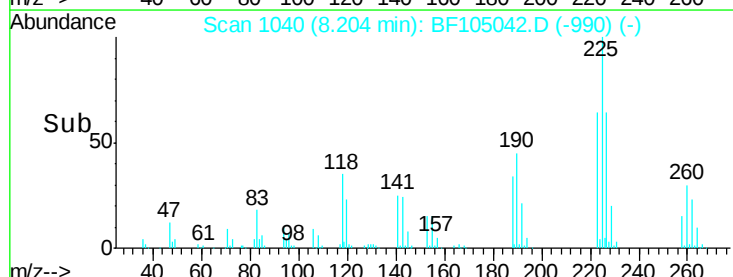
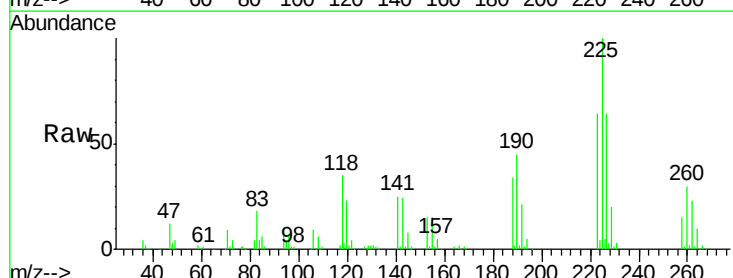
Instrument :
BNA_F
ClientSampleId :
PB108660BS

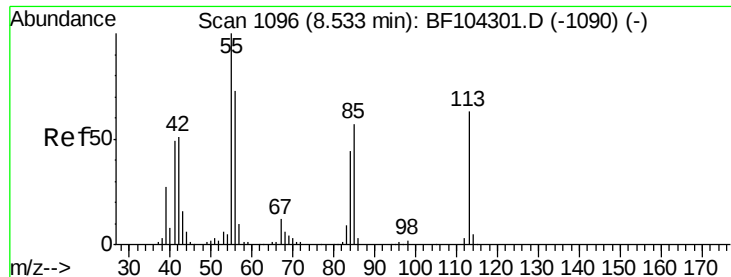
Tot Ion:	127	Resp:	92873
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	25.9	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.943 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:	225	Resp:	106014
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 38.559 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

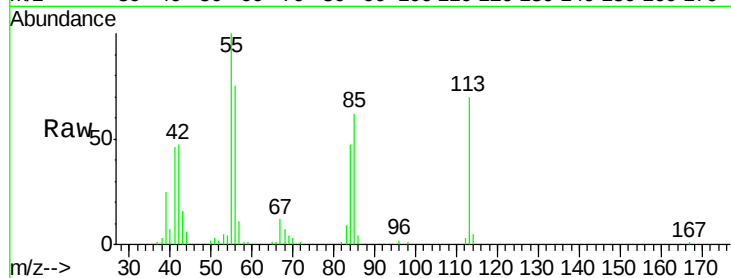
Tot Ion:113 Resp: 57941

Ion Ratio Lower Upper

113 100

55 143.3 163.3 203.3#

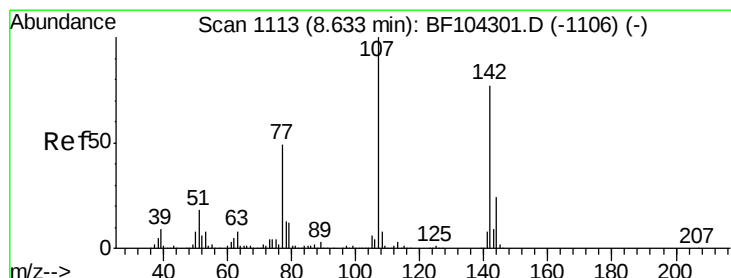
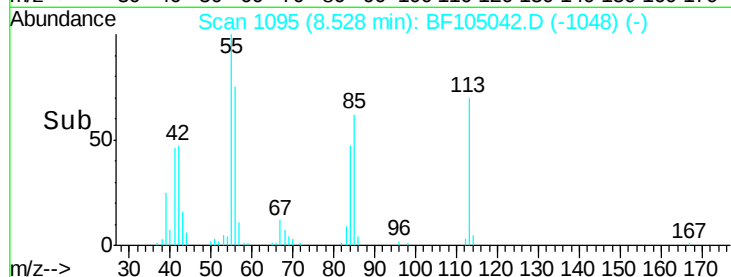
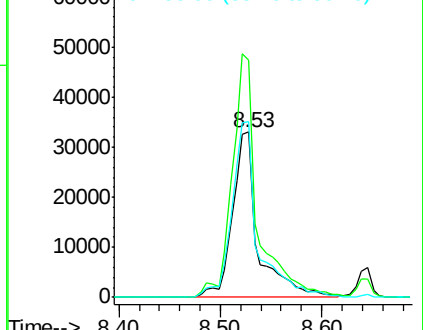
56 106.8 115.7 155.7#



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: 41.442 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

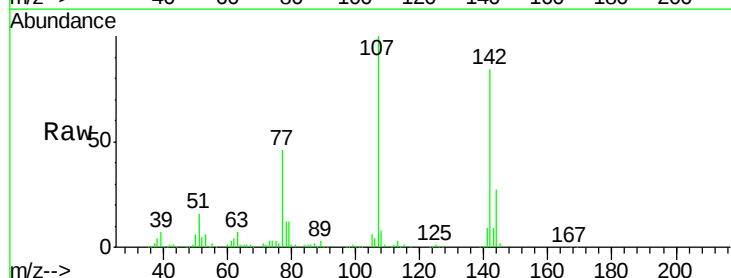
Tgt Ion:107 Resp: 191407

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

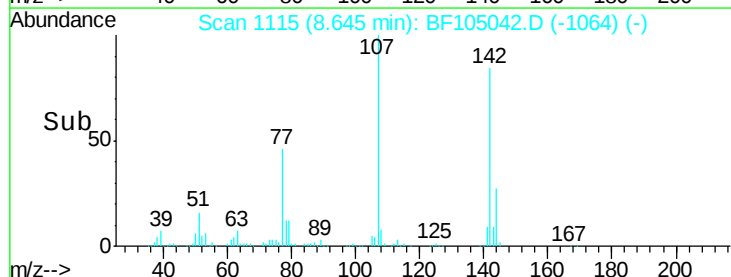
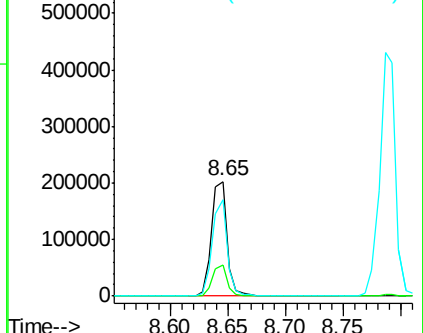
142 83.8 62.0 93.0

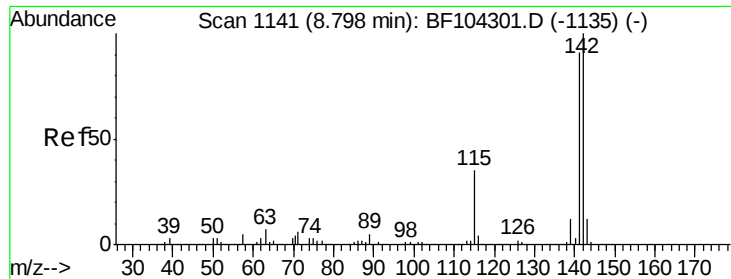


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

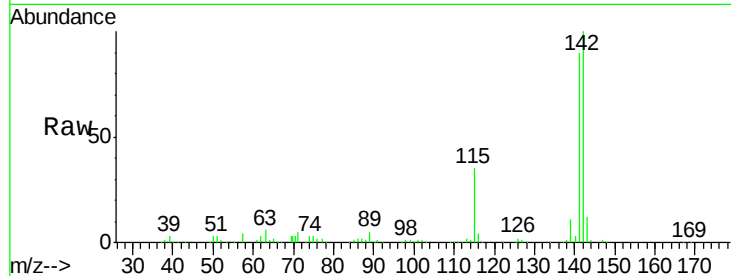




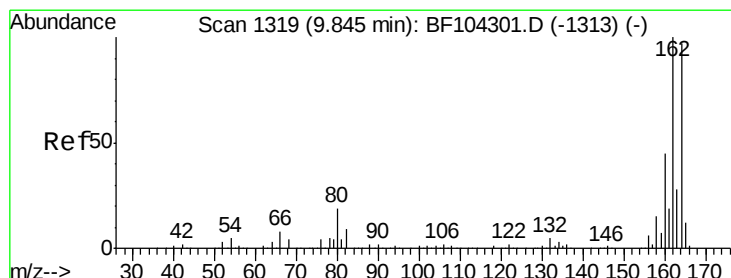
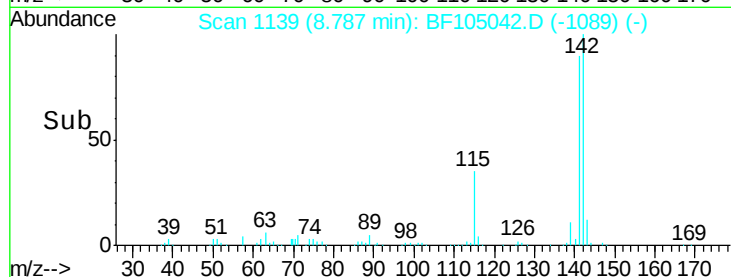
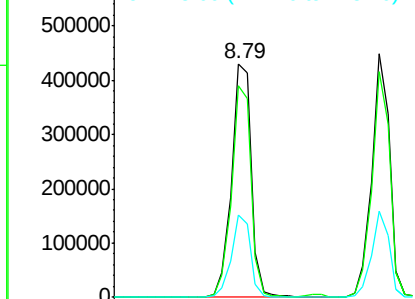
#37
2-Methylnaphthalene
Concen: 41.242 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:142 Resp: 419594
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2
115 35.1 26.1 39.1

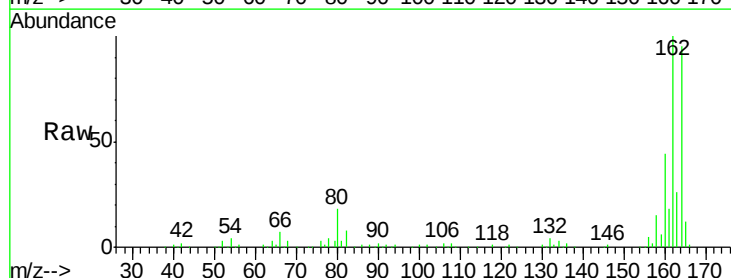


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

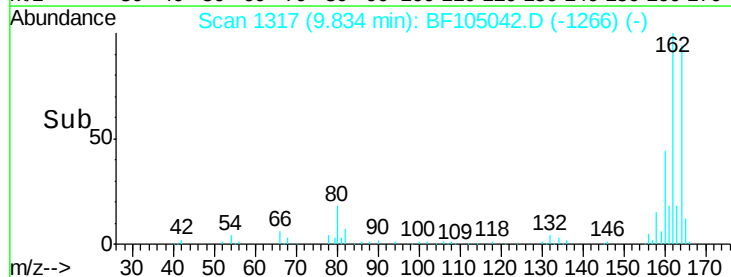
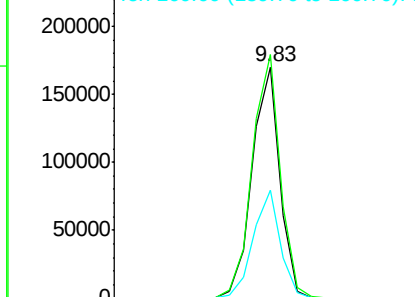


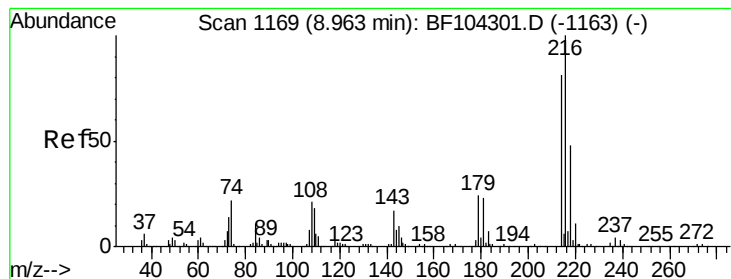
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:164 Resp: 142843
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 46.6 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.778 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

Tot Ion:216 Resp: 179007

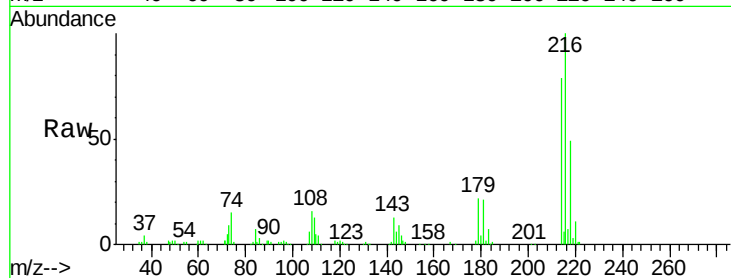
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.8 18.1 27.1

108 18.0 17.2 25.8

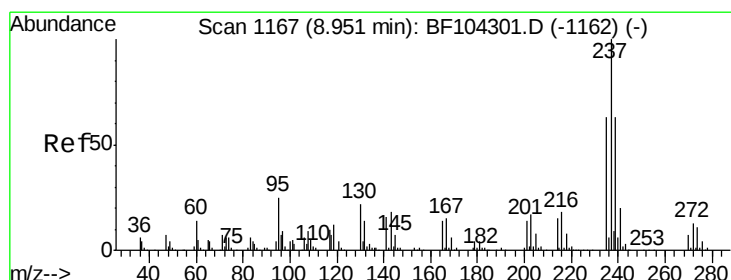
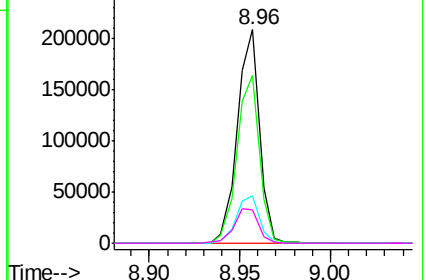
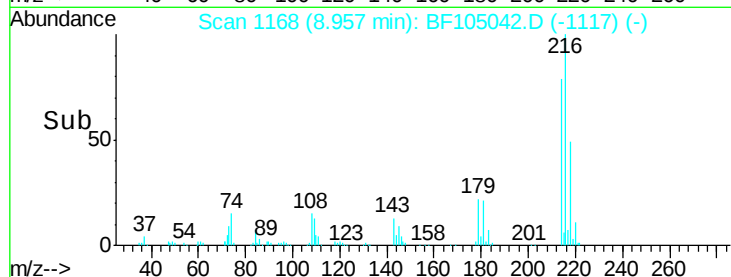


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.582 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

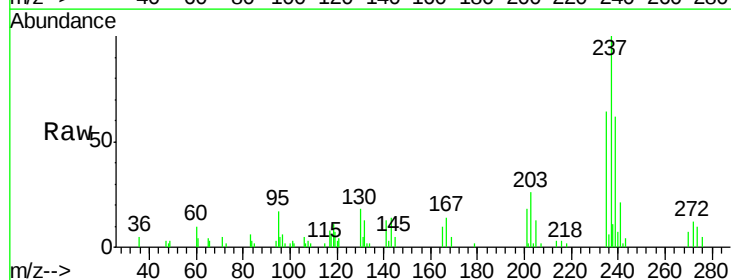
Tgt Ion:237 Resp: 15067

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

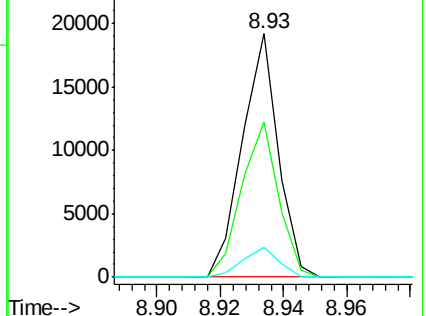
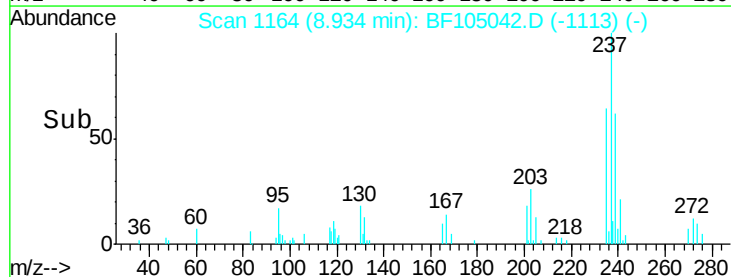
272 12.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 113.799 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

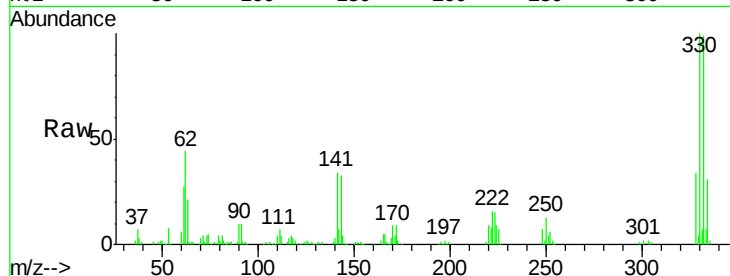
Tot Ion:330 Resp: 168621

Ion Ratio Lower Upper

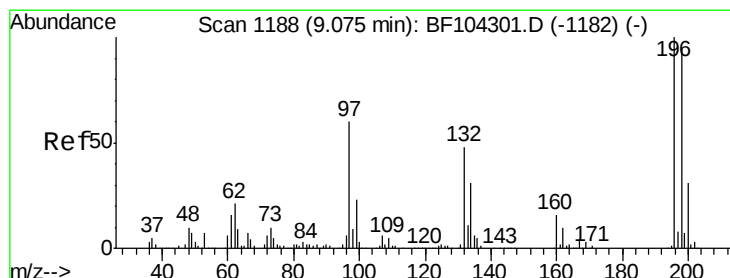
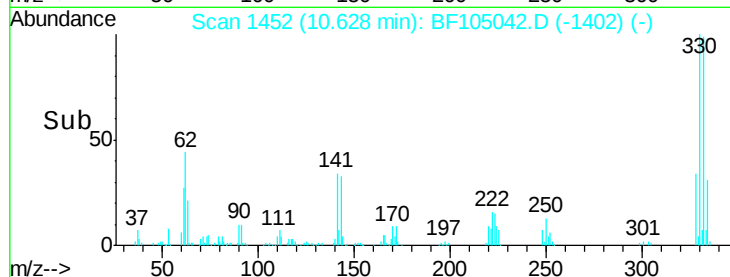
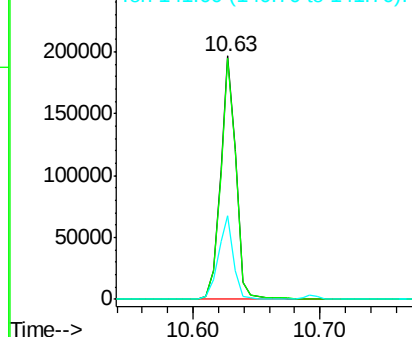
330 100

332 98.7 77.0 115.6

141 33.3 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 42.200 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

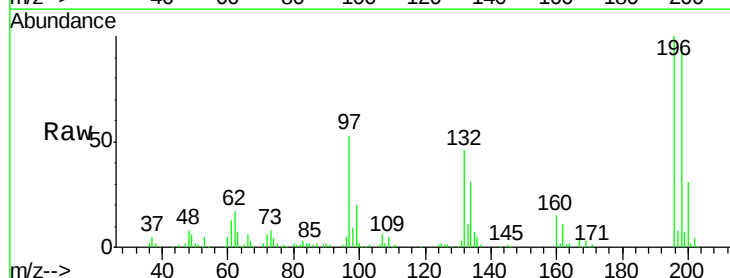
Tgt Ion:196 Resp: 119784

Ion Ratio Lower Upper

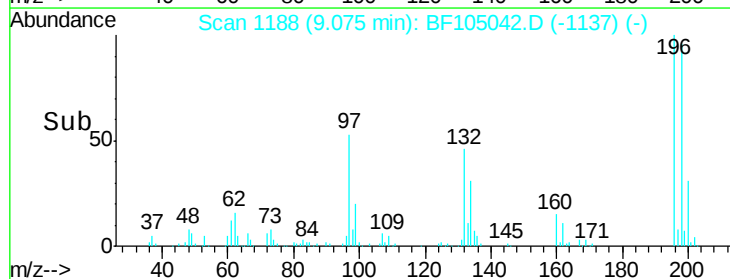
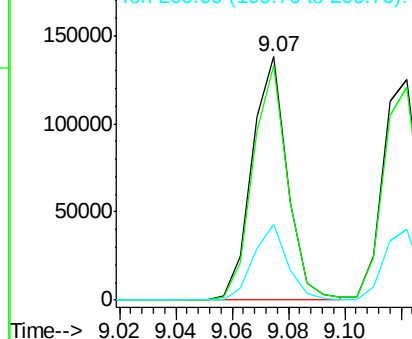
196 100

198 96.2 75.7 113.5

200 31.1 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

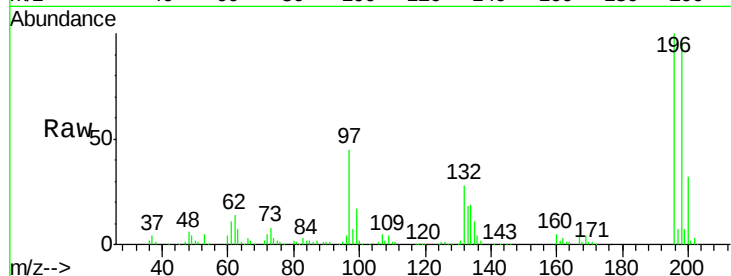




#43
 2,4,5-Trichlorophenol
 Concen: 39.949 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	45.1	42.9	64.3
132	27.8	26.3	39.5



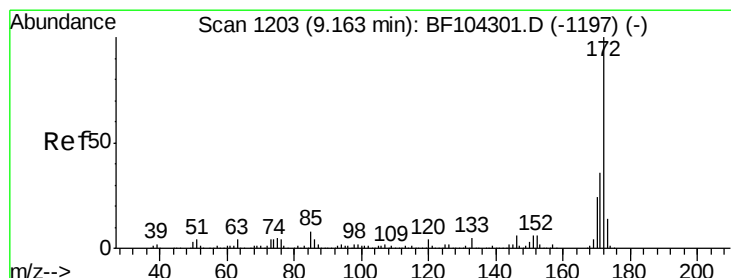
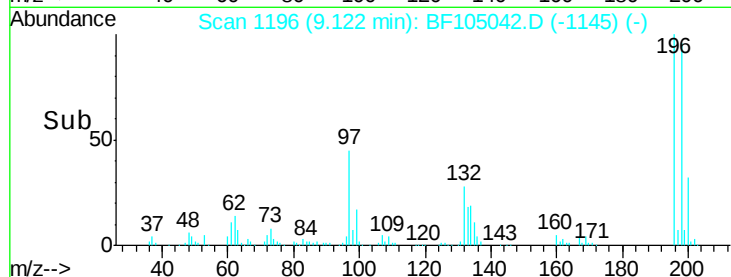
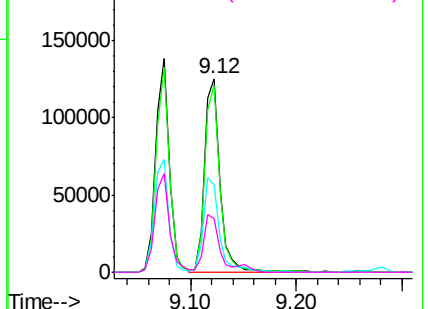
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

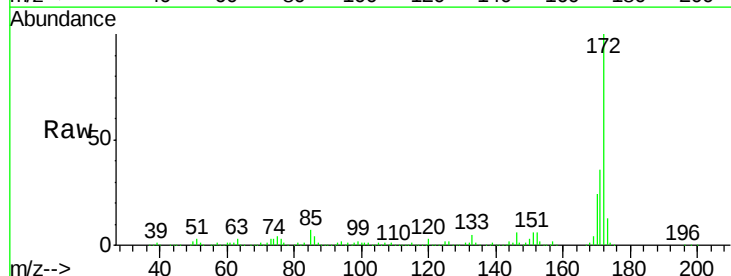
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.518 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

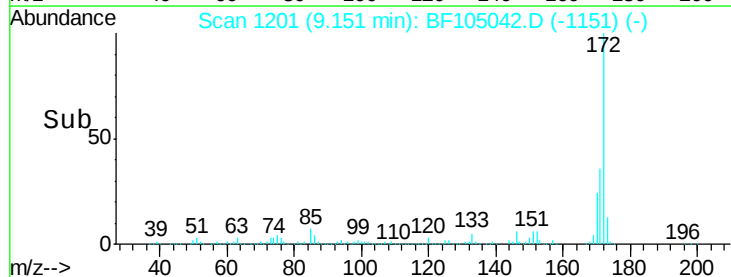
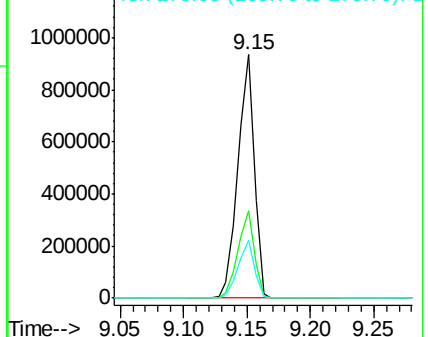


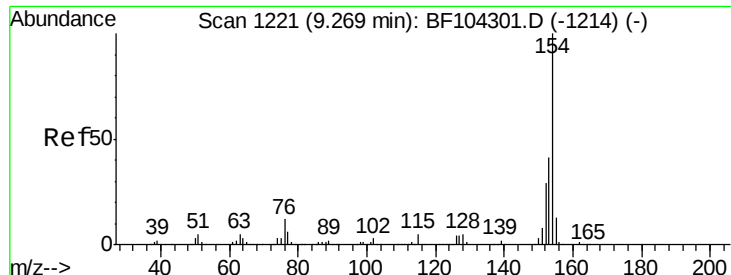
Abundance

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

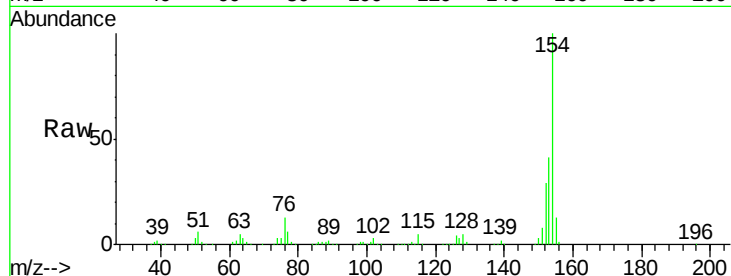




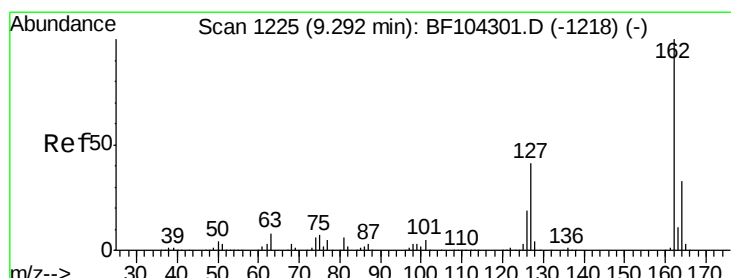
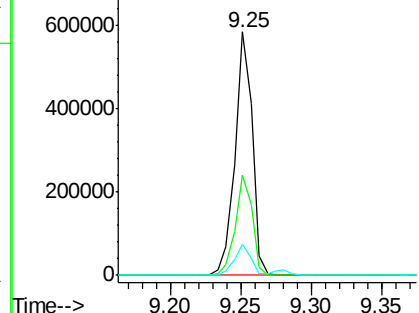
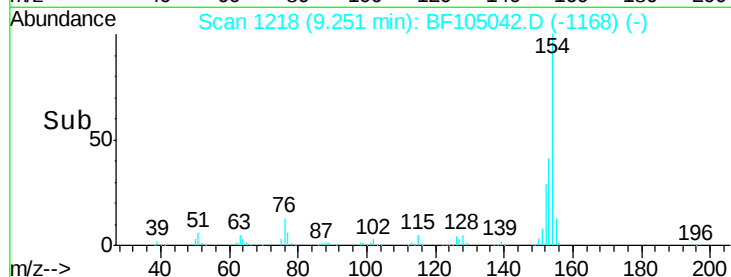
#45
 1,1'-Biphenyl
 Concen: 41.023 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.8	0.0	34.0

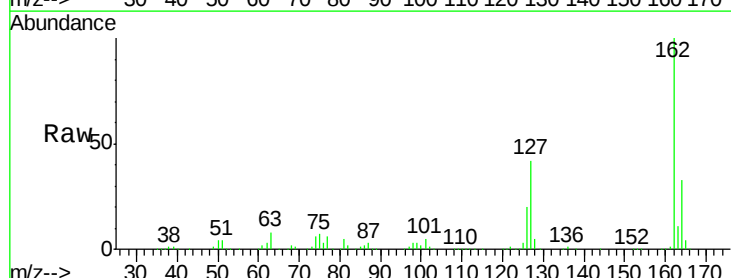


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

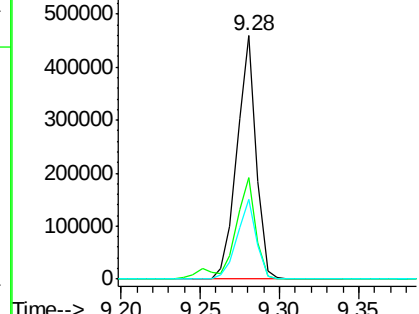
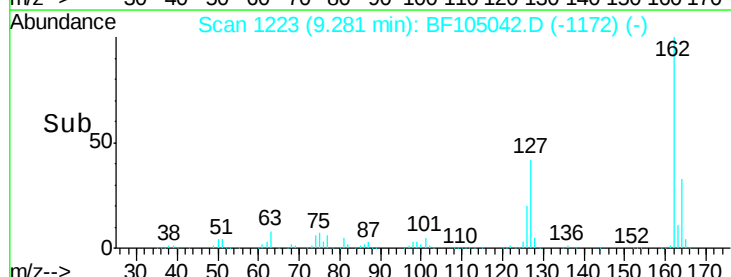


#46
 2-Chloronaphthalene
 Concen: 40.556 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.0	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

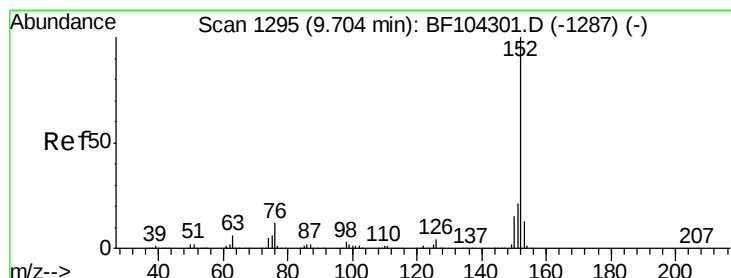
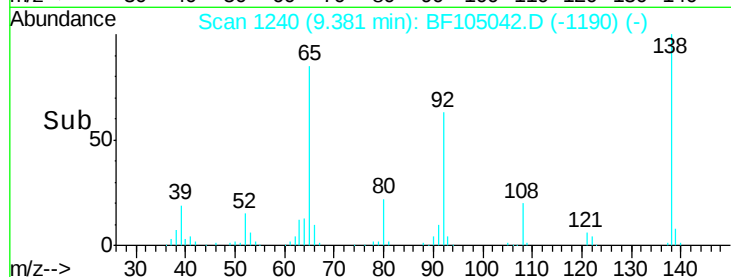
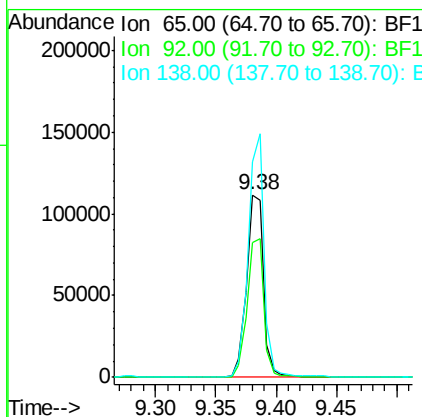
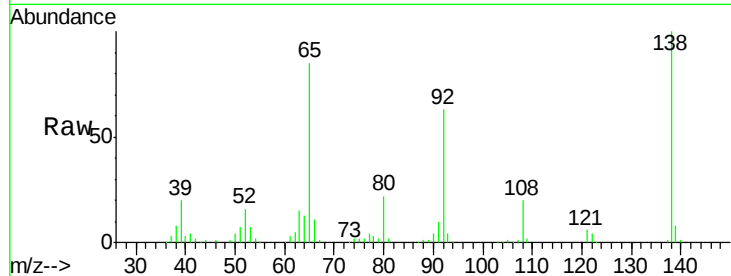




#47
2-Nitroaniline
Concen: 47.263 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

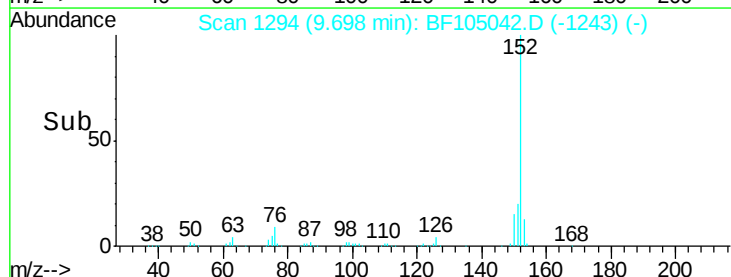
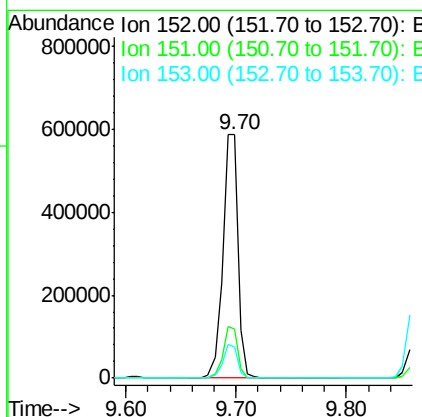
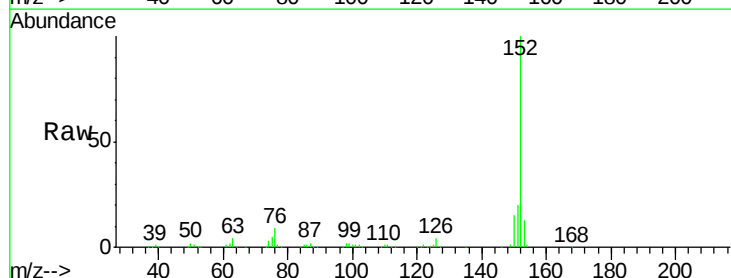
Instrument :
BNA_F
ClientSampleId :
PB108660BS

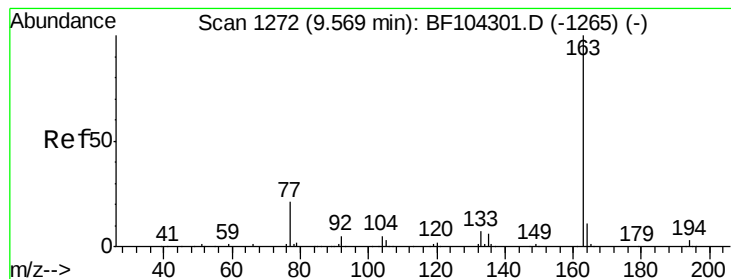
Tot Ion: 65 Resp: 110785
Ion Ratio Lower Upper
65 100
92 73.8 55.8 83.6
138 117.9 91.2 136.8



#48
Acenaphthylene
Concen: 37.854 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion: 152 Resp: 562934
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 40.909 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

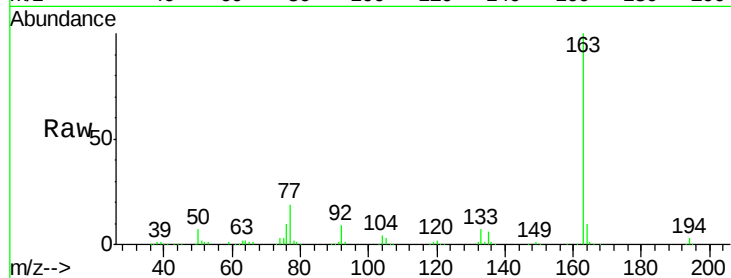
Tot Ion:163 Resp: 460807

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

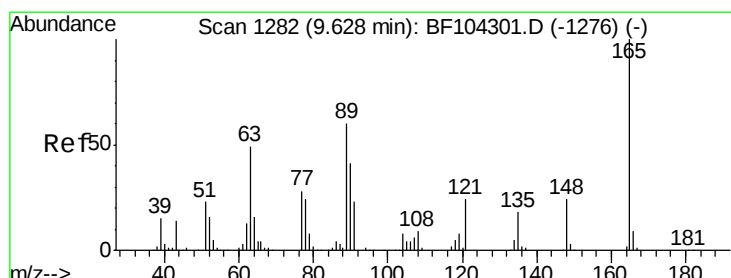
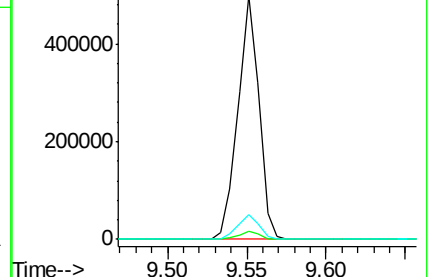
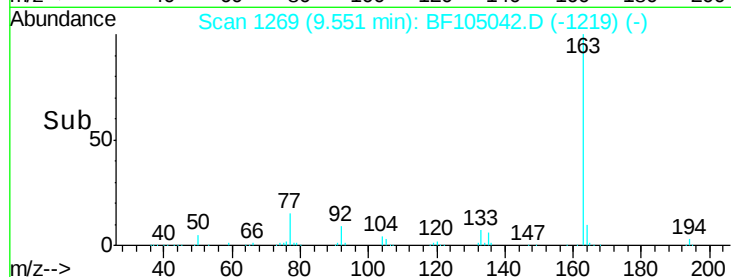
164 10.3 8.2 12.2



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: 46.951 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

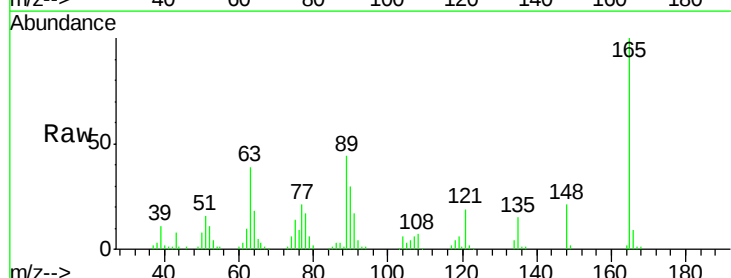
Tgt Ion:165 Resp: 97862

Ion Ratio Lower Upper

165 100

63 39.1 44.7 67.1#

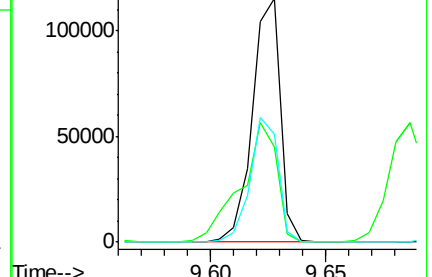
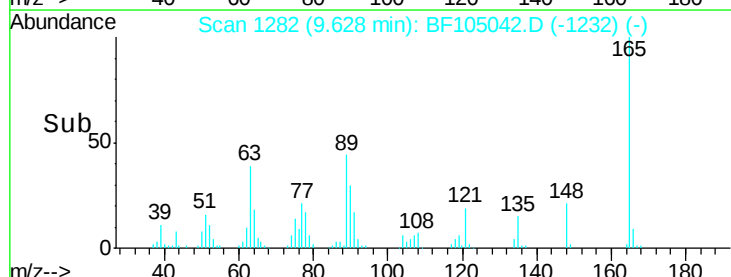
89 44.3 44.0 66.0

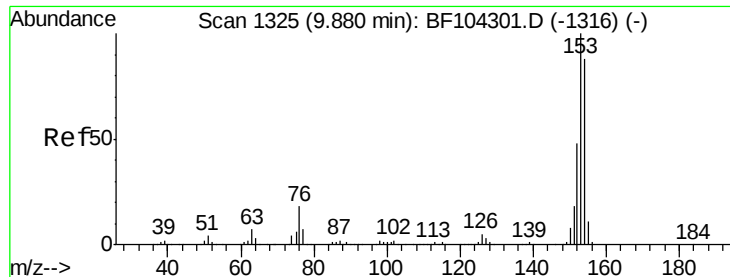


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.301 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

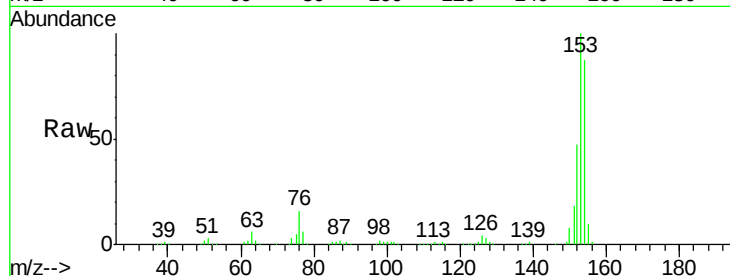
Tot Ion:154 Resp: 329371

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

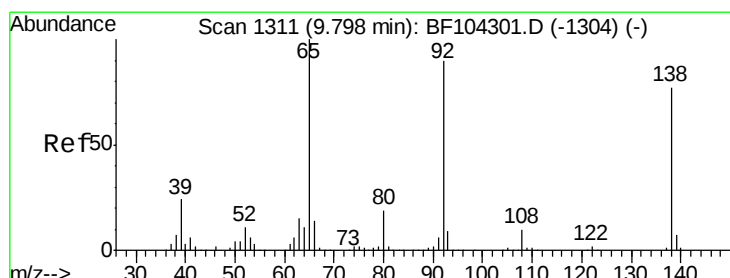
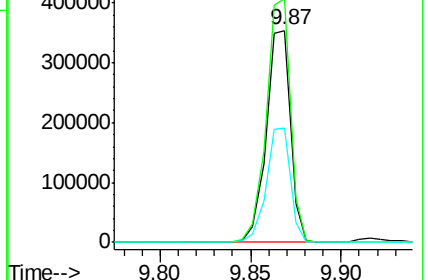
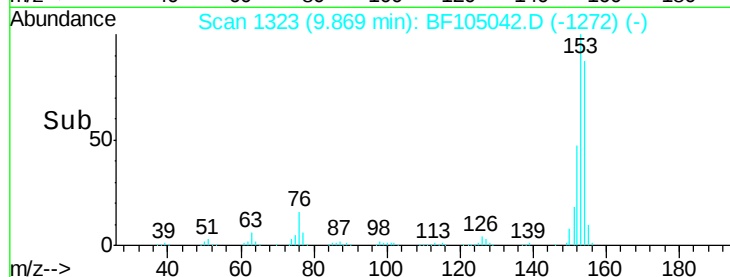
152 53.8 43.8 65.8



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: 25.517 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

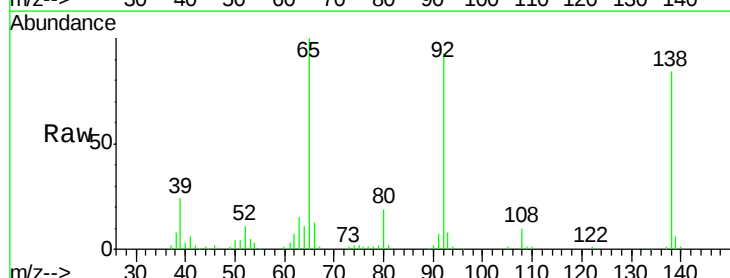
Tgt Ion:138 Resp: 62266

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.0

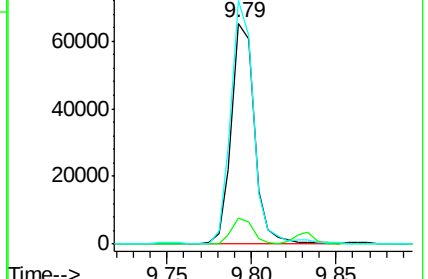
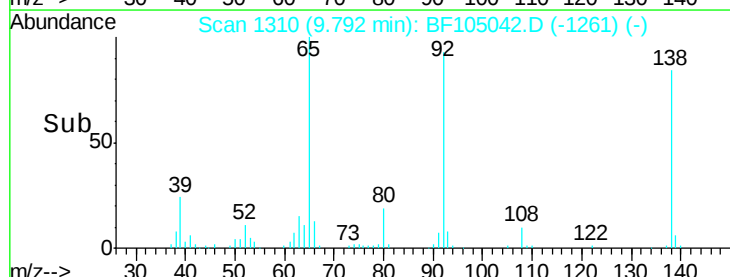
92 110.3 89.4 134.2

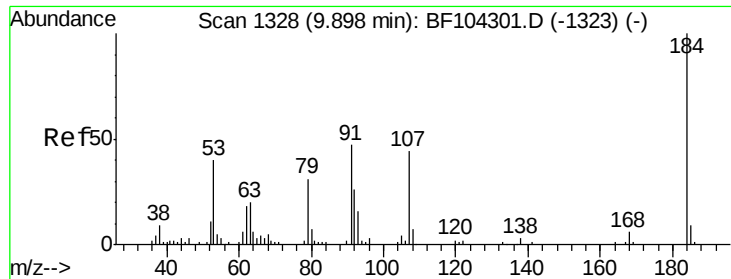


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

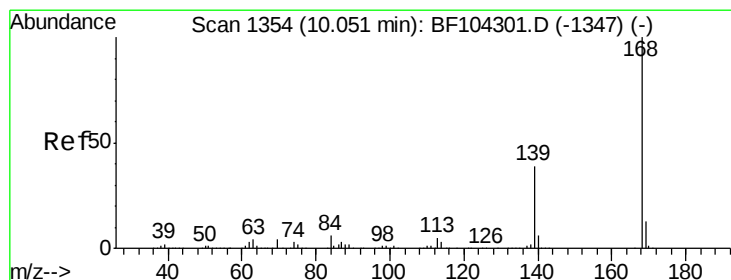
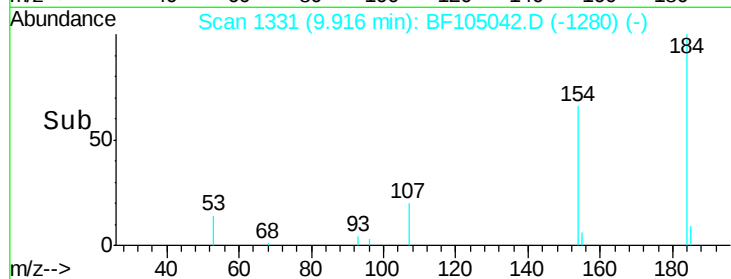
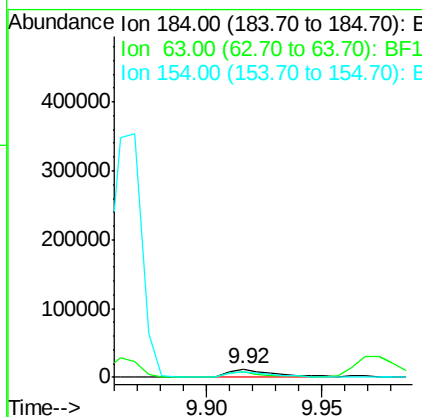
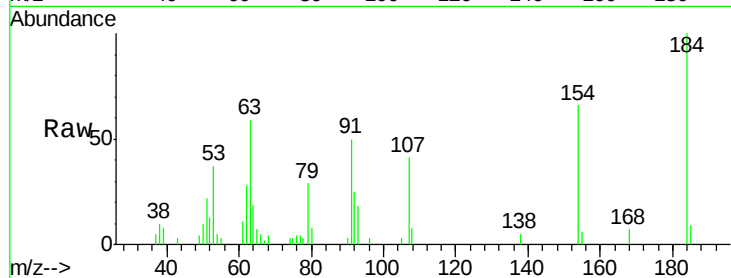




#53
 2,4-Dinitrophenol
 Concen: 29.232 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

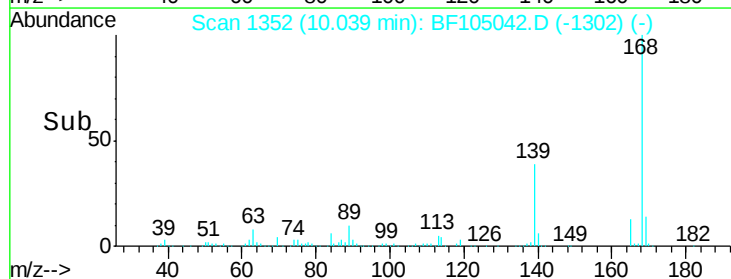
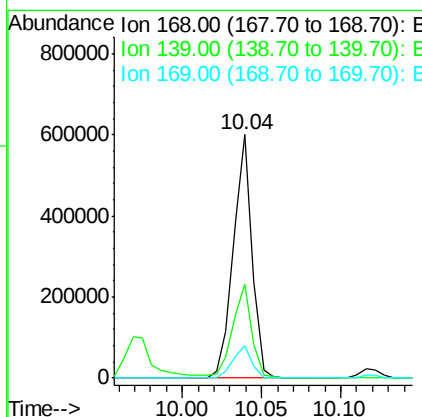
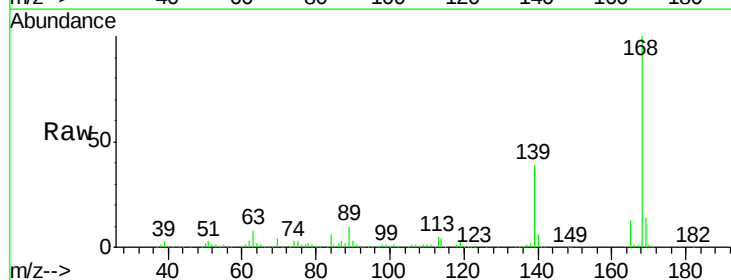
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

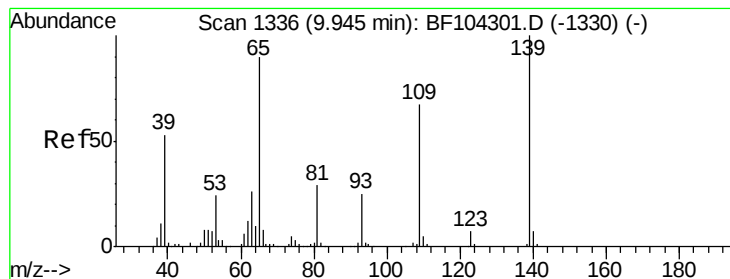
Tot Ion:184 Resp: 16370
 Ion Ratio Lower Upper
 184 100
 63 58.7 54.2 81.2
 154 65.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.873 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion:168 Resp: 491536
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 62.870 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

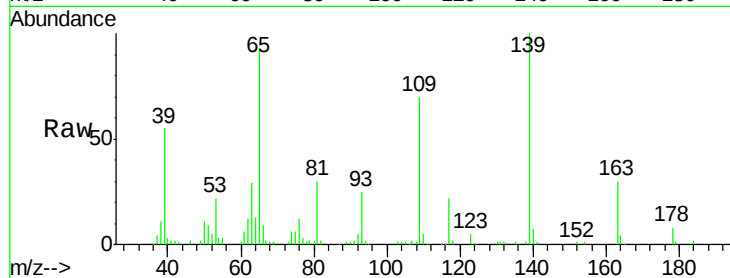
Tot Ion:139 Resp: 120510

Ion Ratio Lower Upper

139 100

109 70.3 48.4 88.4

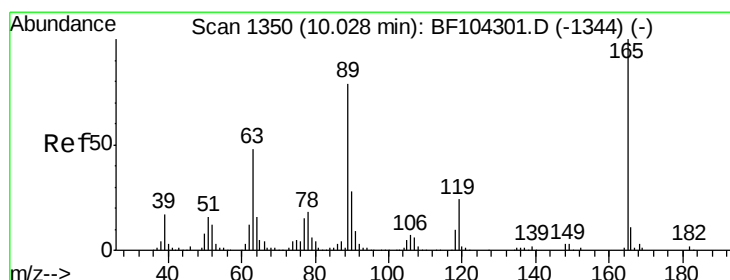
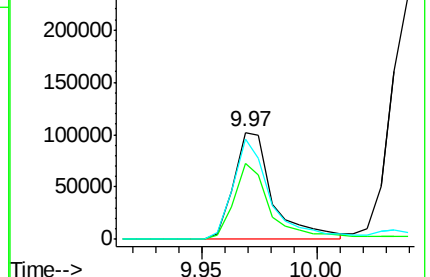
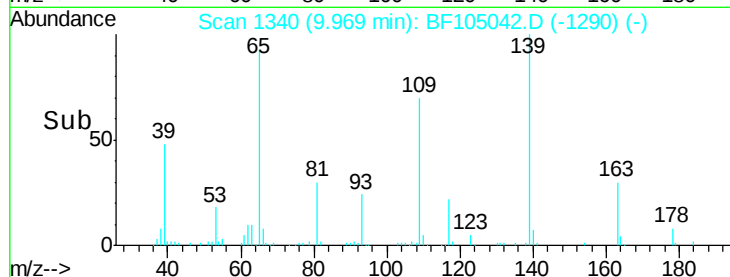
65 93.3 72.6 112.6



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: 42.821 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Tgt Ion:165 Resp: 117074

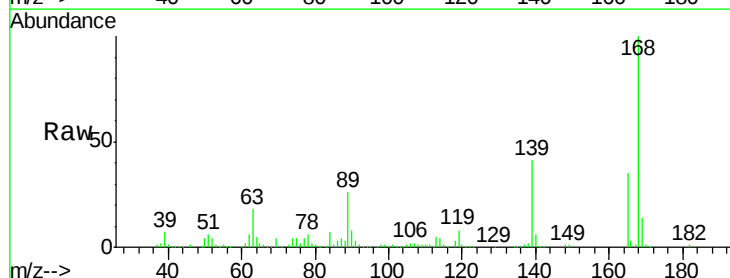
Ion Ratio Lower Upper

165 100

63 52.4 36.4 54.6

89 74.7 57.8 86.6

182 2.3 1.6 2.4

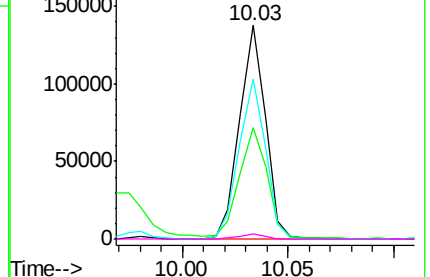
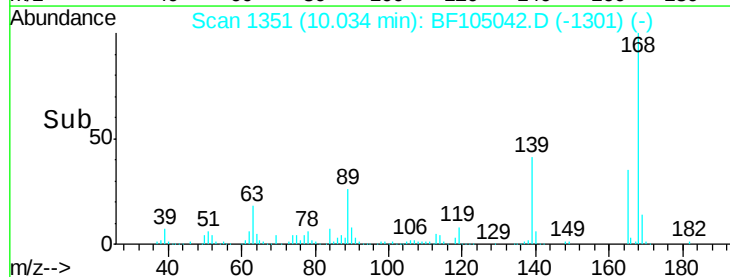


Abundance Ion 165.00 (164.70 to 165.70): E

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

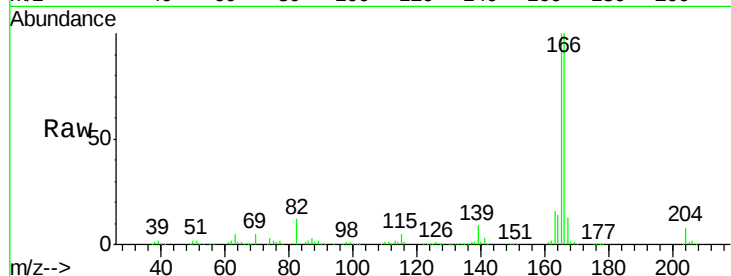




#57
 Fluorene
 Concen: 42.323 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.3	10.6	16.0

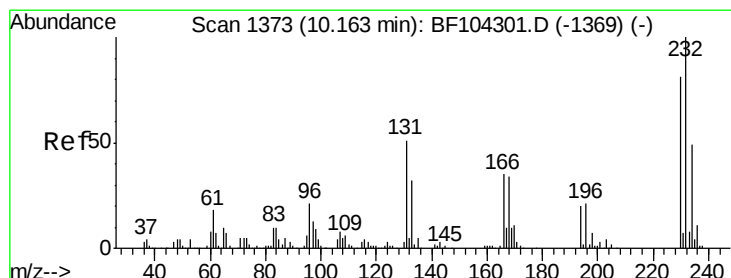
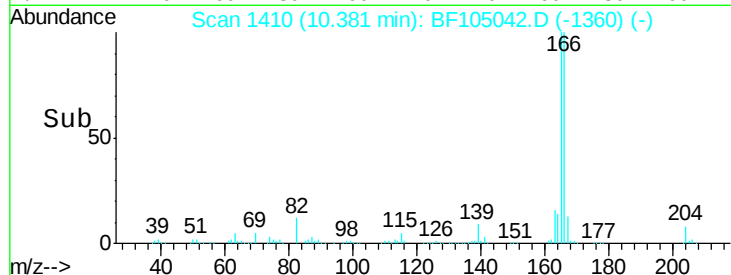
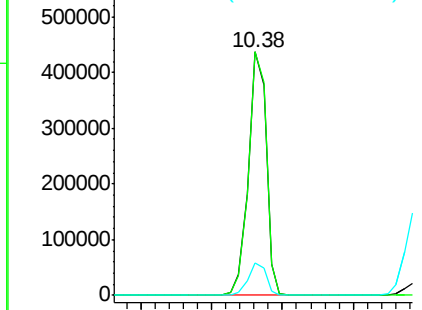


Abundance

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: 38.653 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	43.8	65.8
130	2.3	2.1	3.1
166	34.6	27.8	41.6

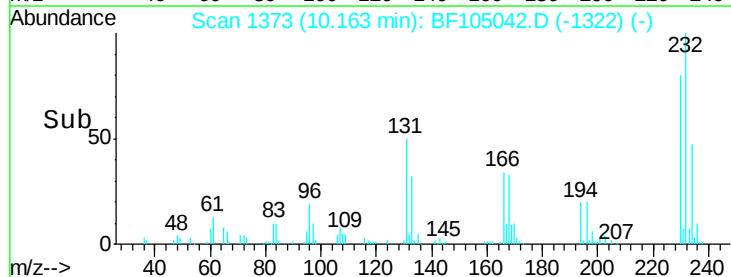
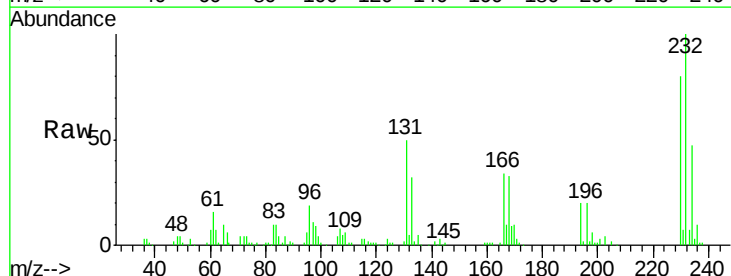
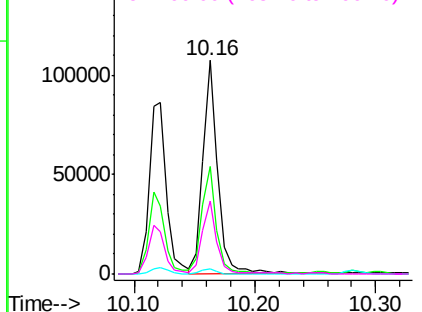
Abundance

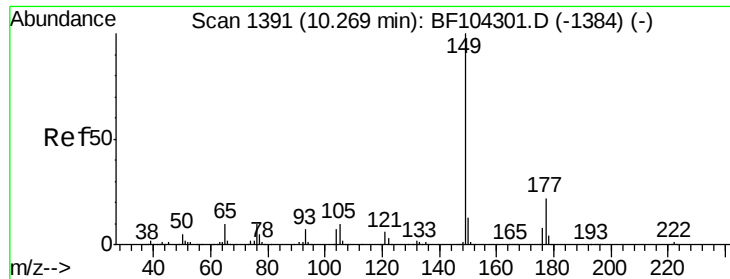
Ion 232.00 (231.70 to 232.70): E

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: 38.802 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

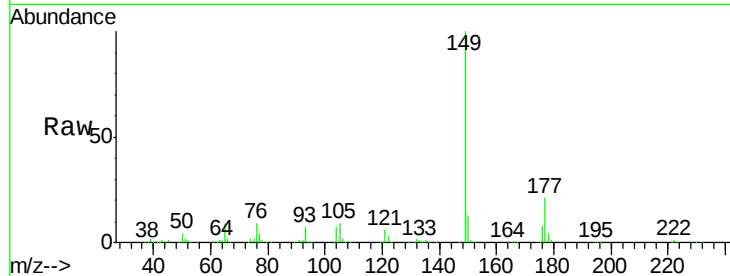
Tot Ion:149 Resp: 435300

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

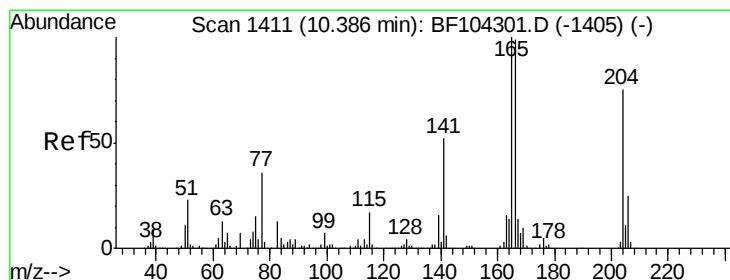
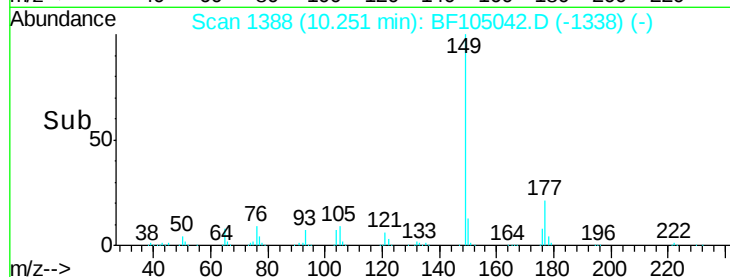
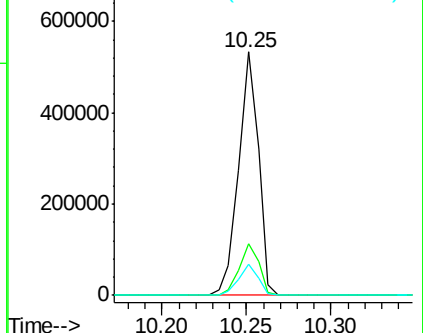
150 12.9 10.1 15.1



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: 45.913 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

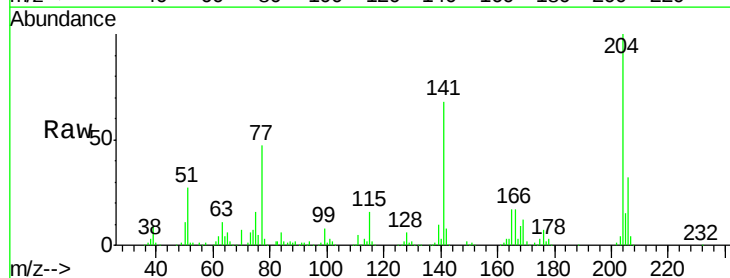
Tgt Ion:204 Resp: 188194

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

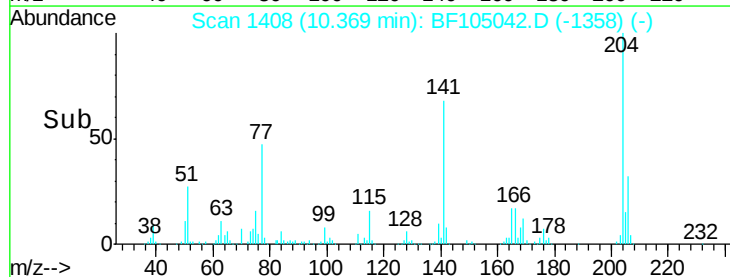
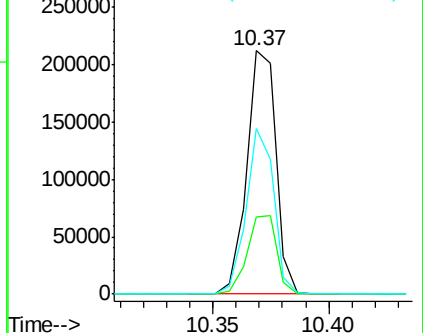
141 68.2 54.6 81.8



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

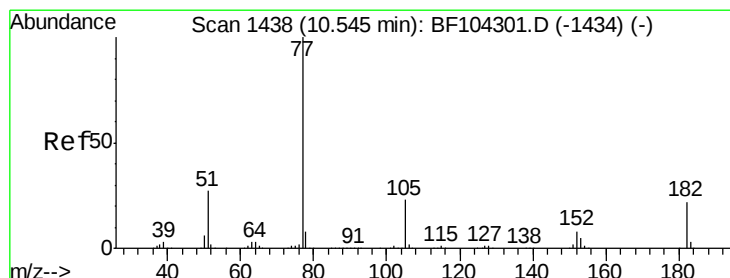
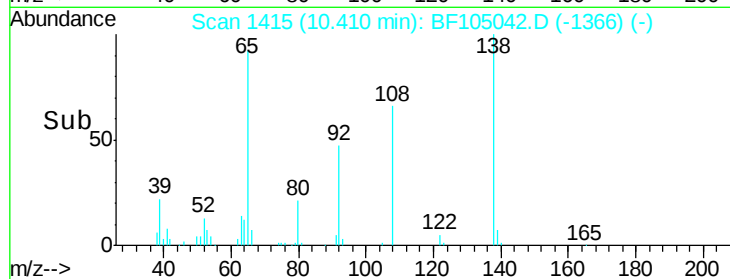
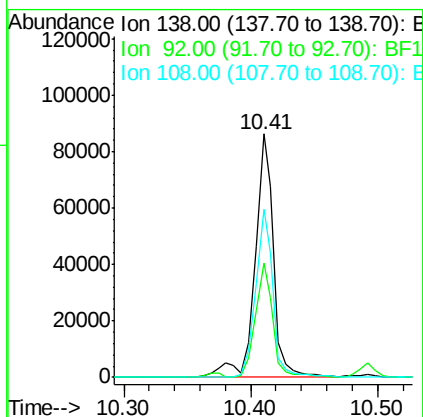
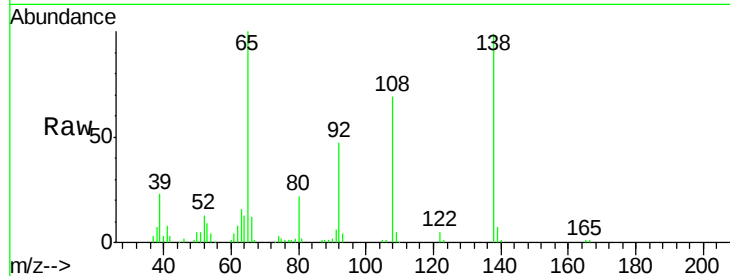




#61
4-Nitroaniline
Concen: 37.557 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

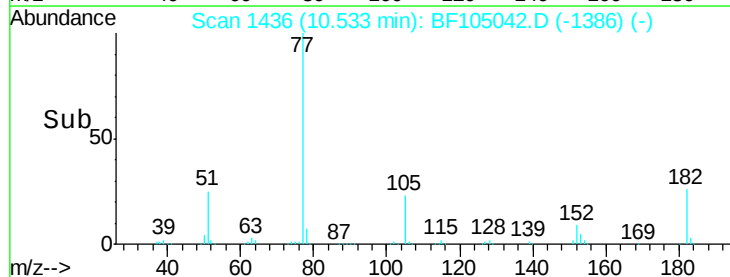
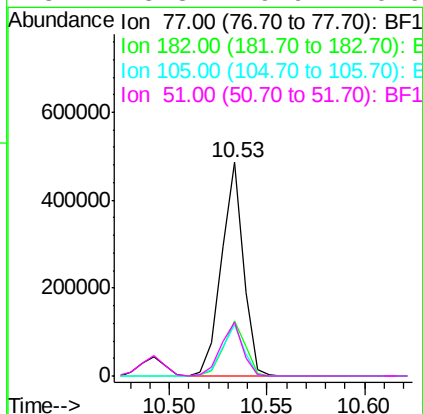
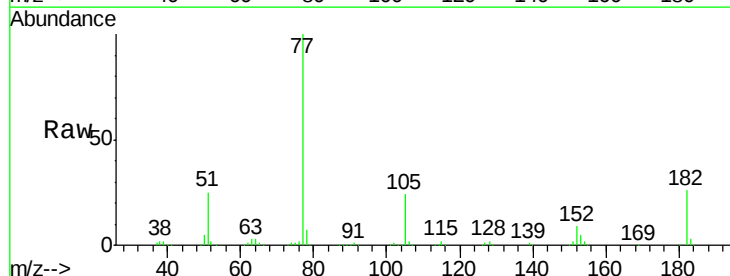
Instrument :
BNA_F
ClientSampleId :
PB108660BS

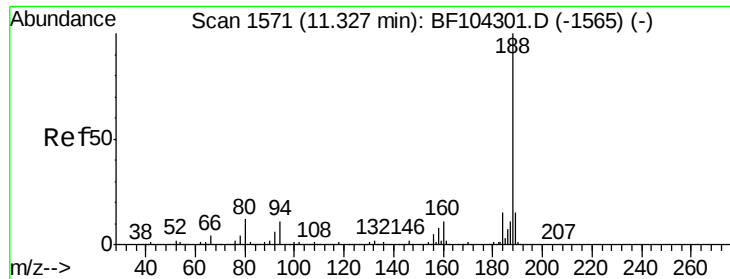
Tot Ion:138 Resp: 89607
Ion Ratio Lower Upper
138 100
92 47.1 30.2 70.2
108 69.2 52.5 92.5



#62
Azobenzene
Concen: 35.392 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion: 77 Resp: 379328
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 23.9 3.0 43.0
51 25.3 9.9 49.9

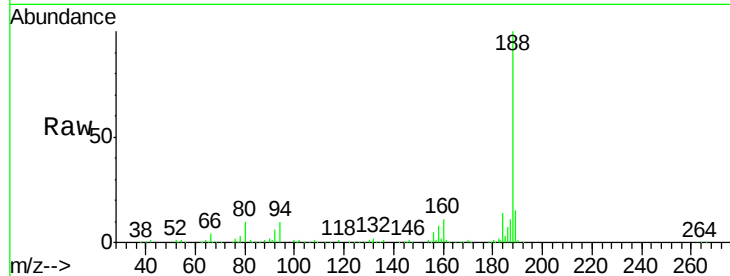




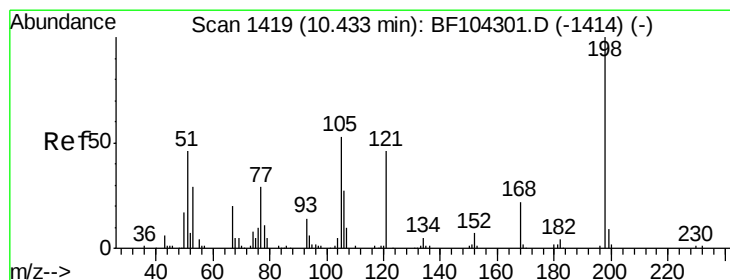
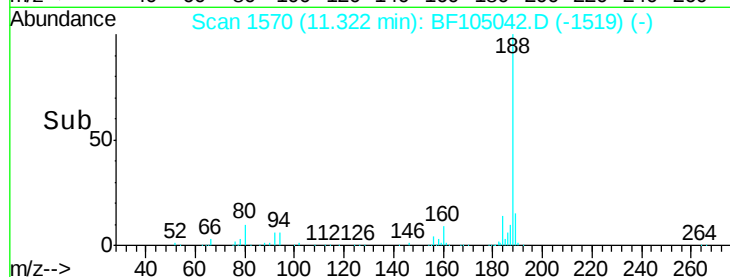
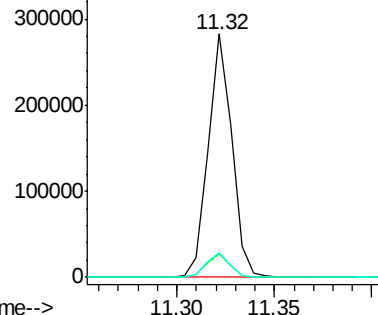
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:188 Resp: 237574
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8

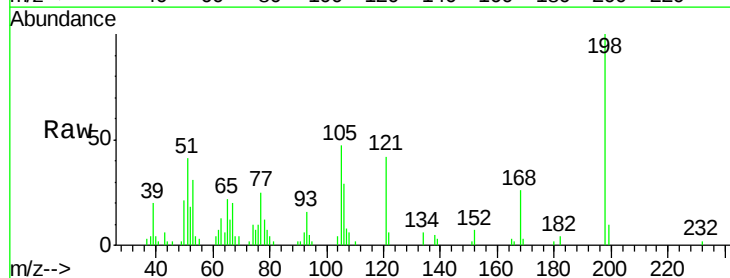


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

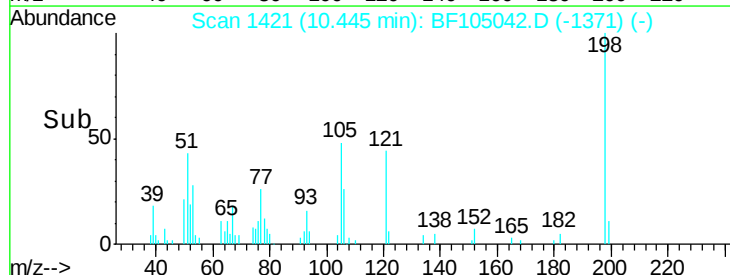
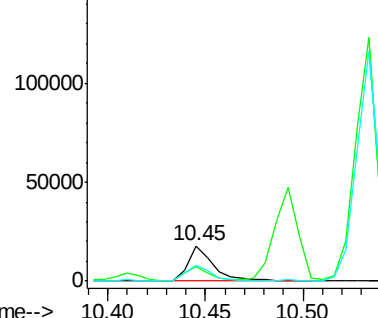


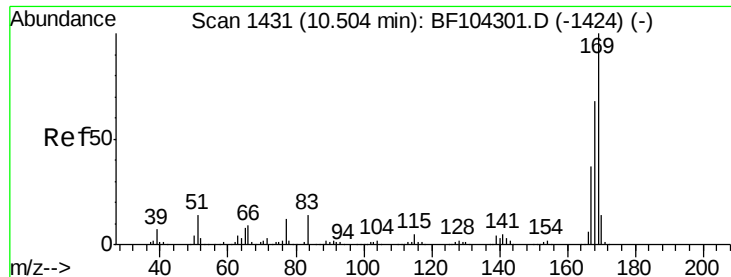
#64
4,6-Dinitro-2-methylphenol
Concen: 19.073 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:198 Resp: 16019
Ion Ratio Lower Upper
198 100
51 41.2 37.7 77.7
105 46.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

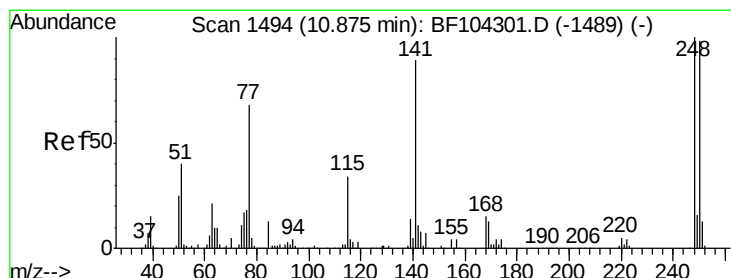
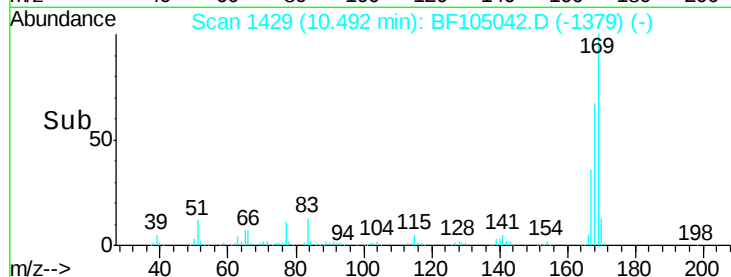
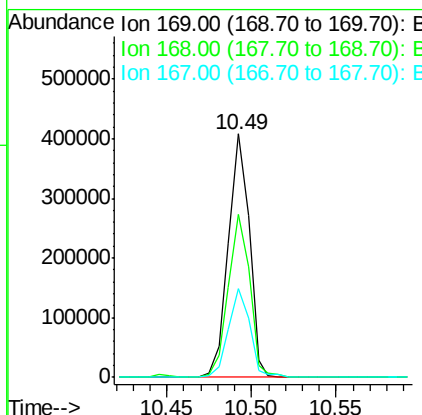
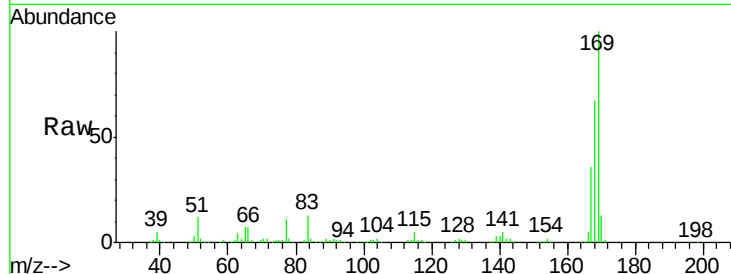




#65
n-Nitrosodiphenylamine
Concen: 42.693 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

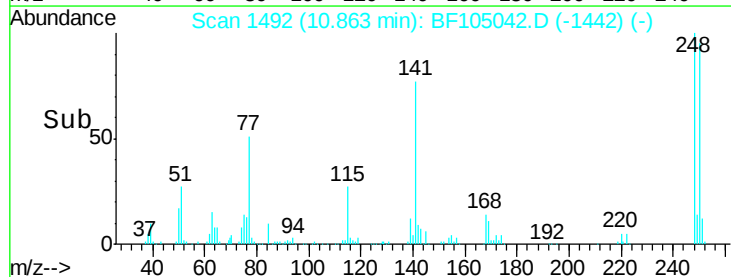
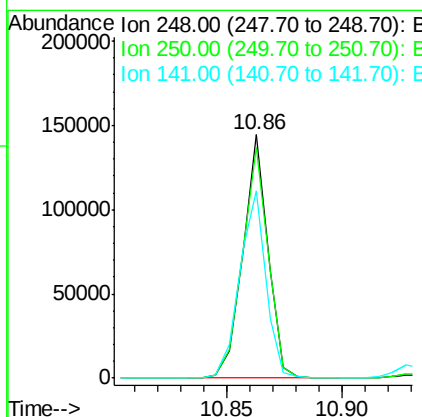
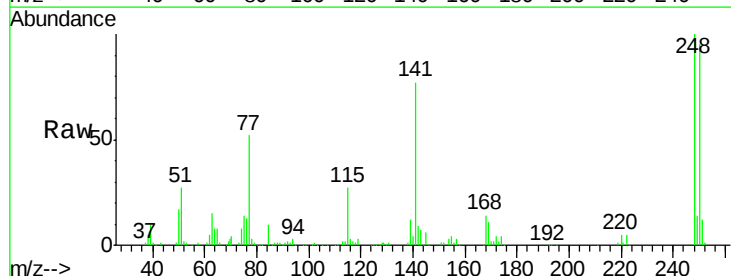
Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:169 Resp: 351678
Ion Ratio Lower Upper
169 100
168 67.1 54.4 81.6
167 36.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 43.362 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:248 Resp: 109577
Ion Ratio Lower Upper
248 100
250 94.8 76.9 115.3
141 77.0 74.4 111.6

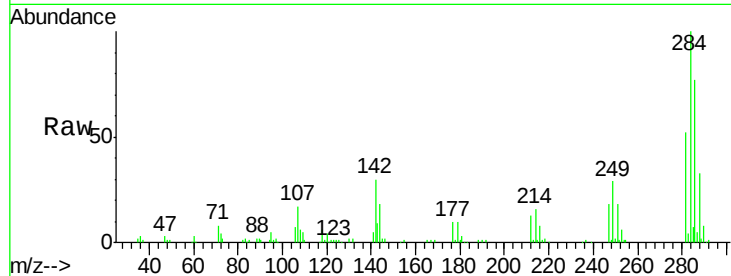




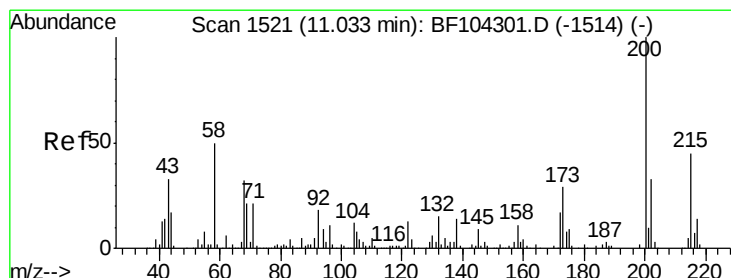
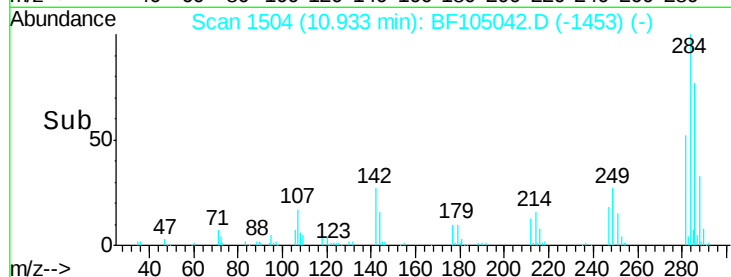
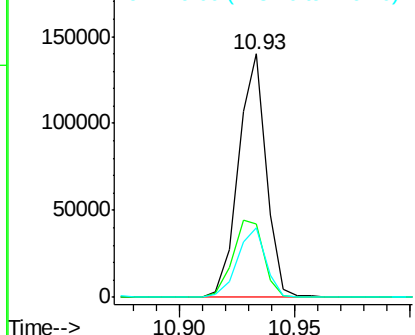
#67
Hexachlorobenzene
Concen: 41.079 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:284 Resp: 116805
Ion Ratio Lower Upper
284 100
142 30.3 34.6 52.0#
249 28.5 24.8 37.2

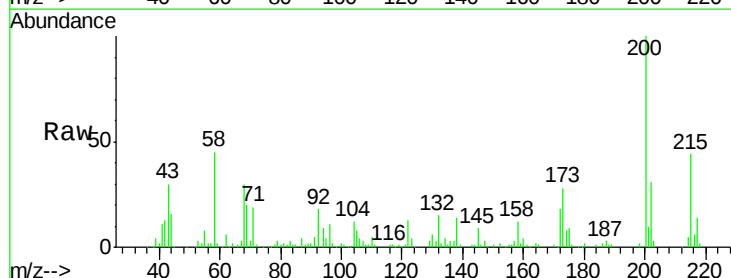


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

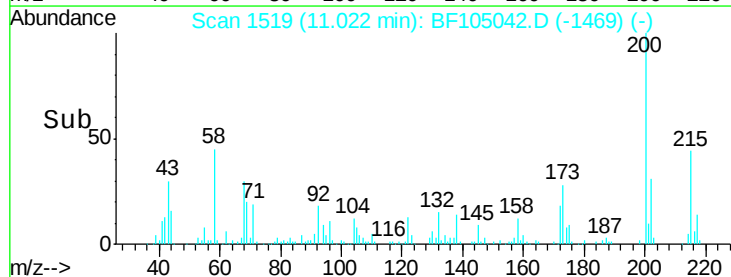
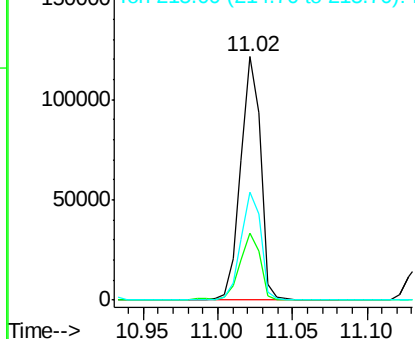


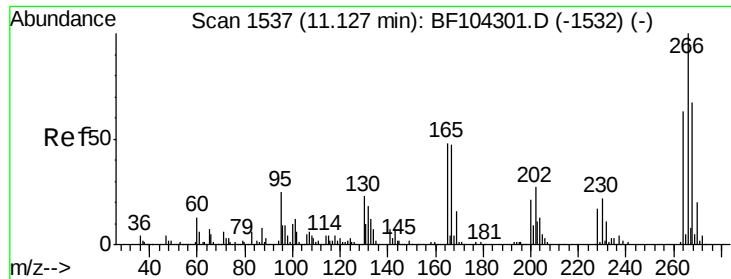
#68
Atrazine
Concen: 45.618 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:200 Resp: 113424
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 44.1 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

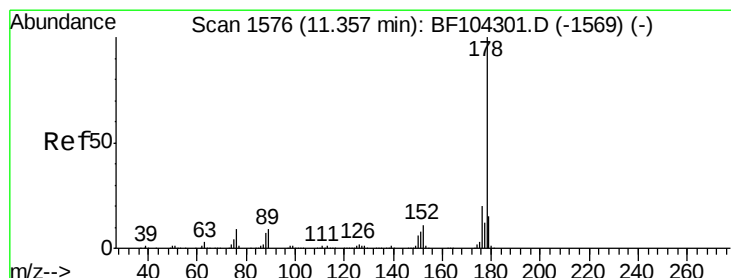
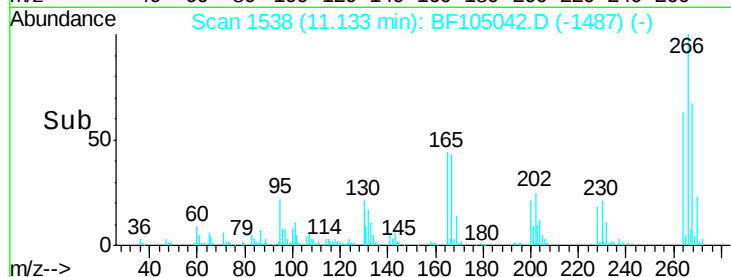
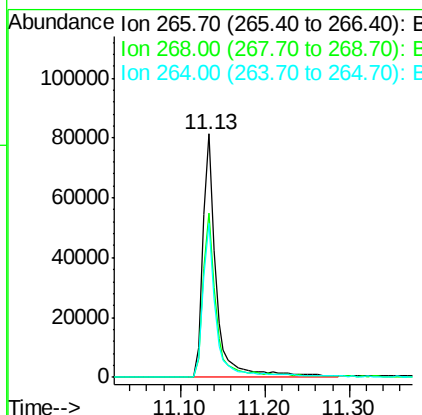
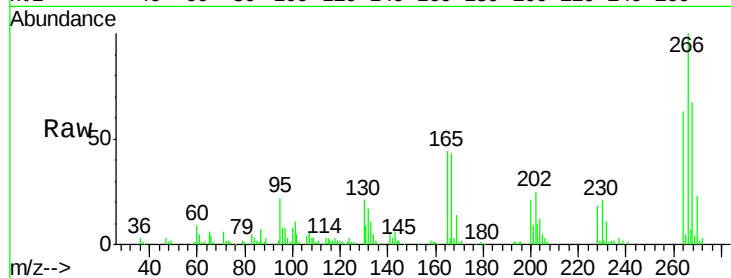




#69
 Pentachlorophenol
 Concen: 51.346 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

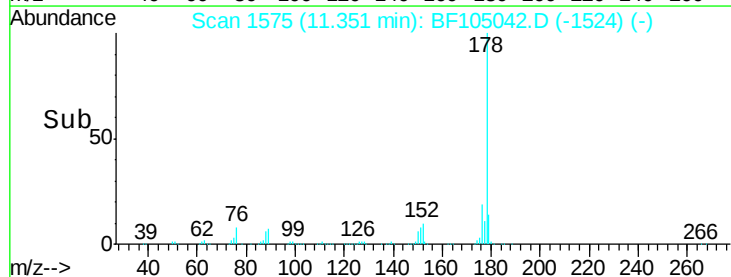
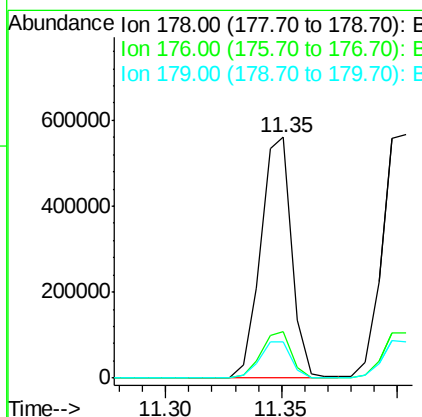
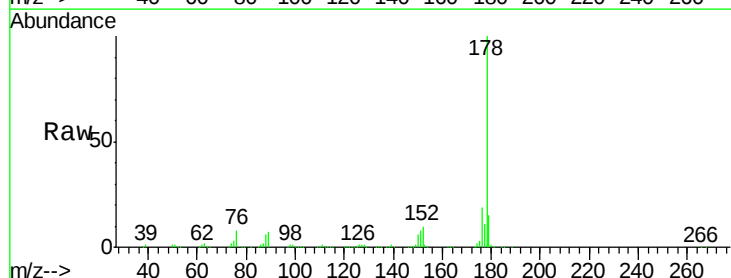
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

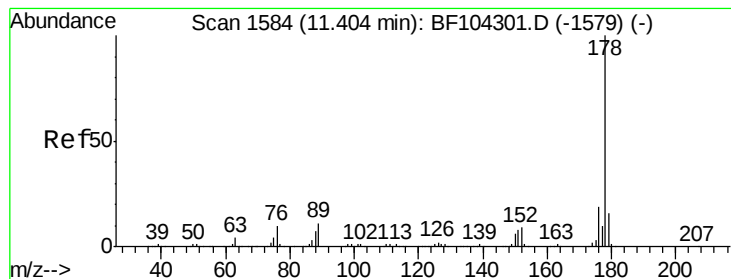
Tot Ion:266 Resp: 90322
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 39.605 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion:178 Resp: 523988
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.2 13.0 19.6





#71

Anthracene

Concen: 40.103 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

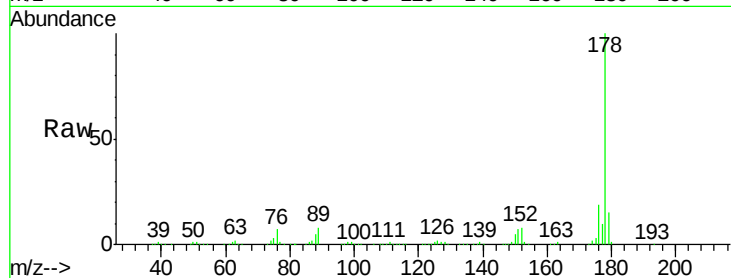
Tot Ion:178 Resp: 539341

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

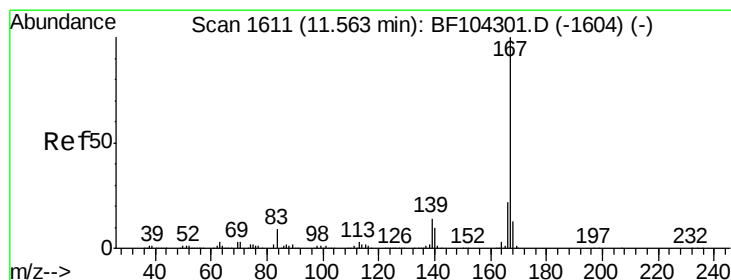
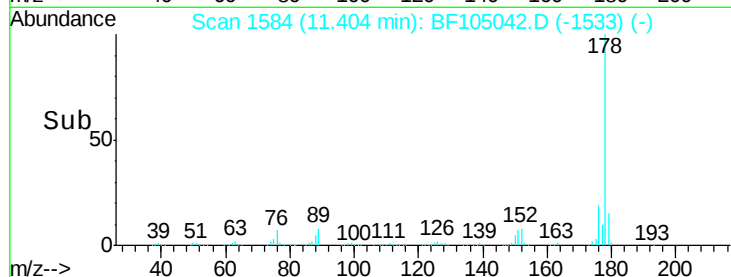
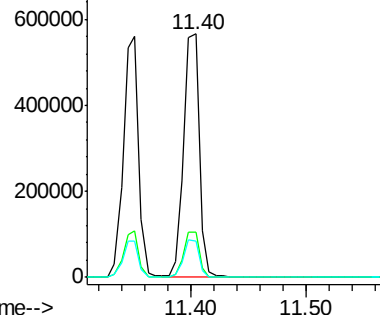
179 14.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.908 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

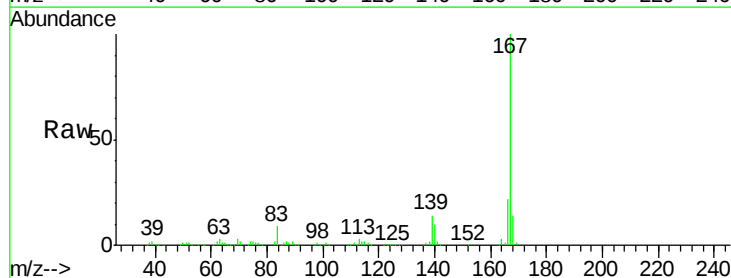
Tgt Ion:167 Resp: 485037

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

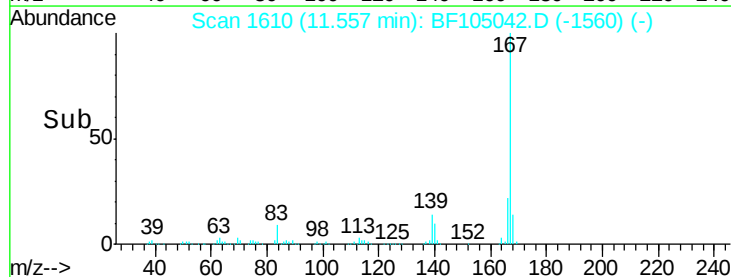
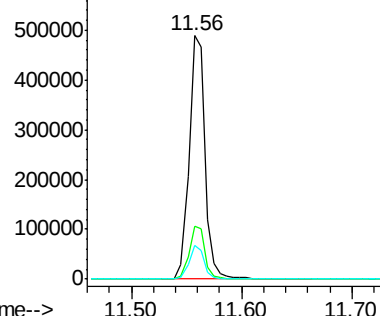
139 13.8 10.9 16.3

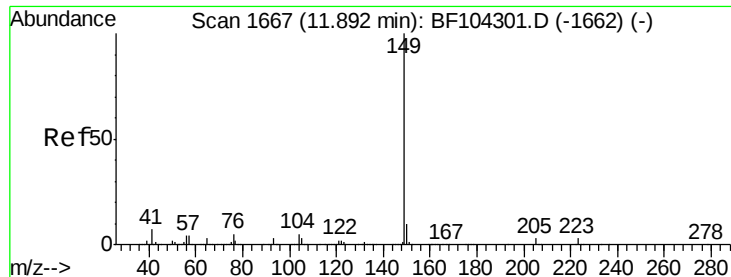


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.656 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

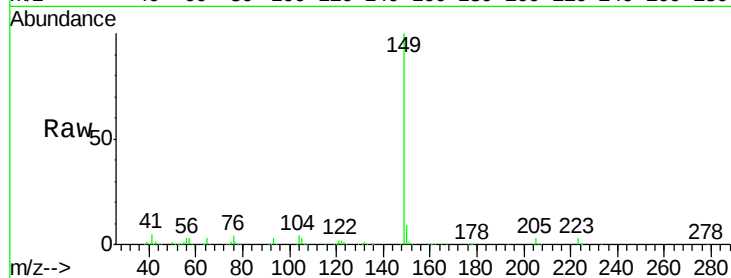
Tot Ion:149 Resp: 652663

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

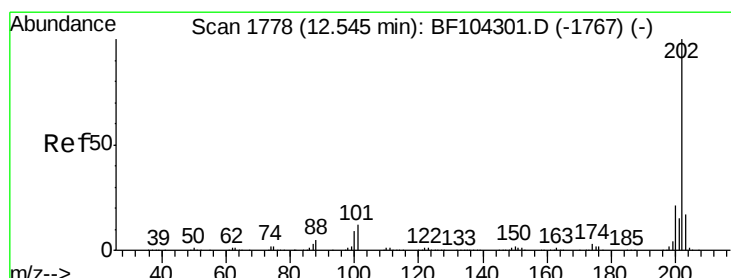
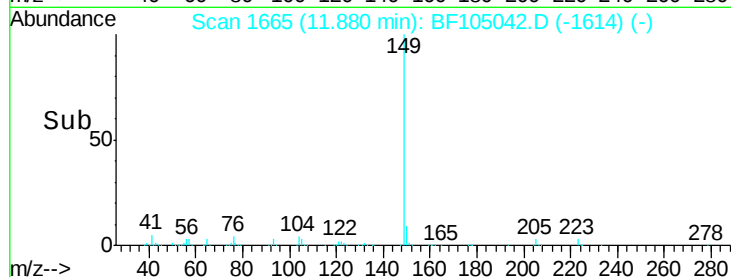
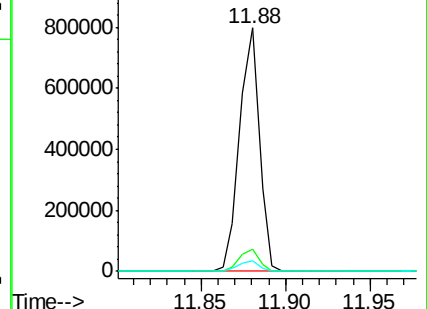
104 4.4 3.8 5.8



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: 36.404 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

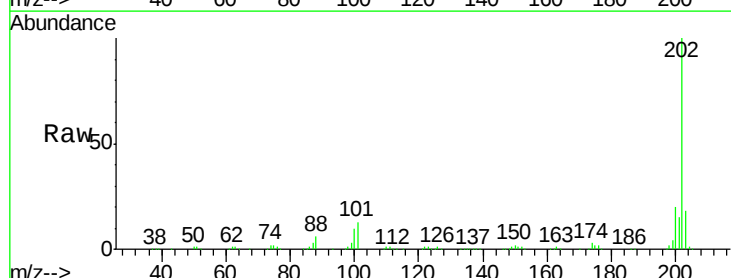
Tgt Ion:202 Resp: 503212

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

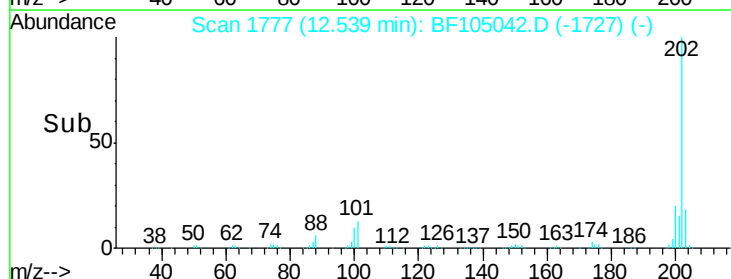
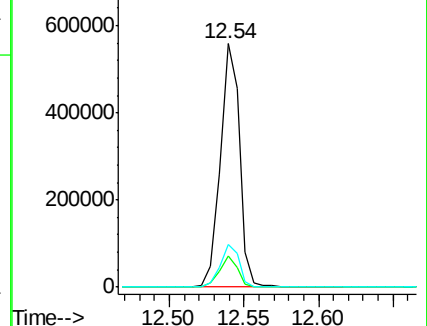
203 17.6 0.0 38.1

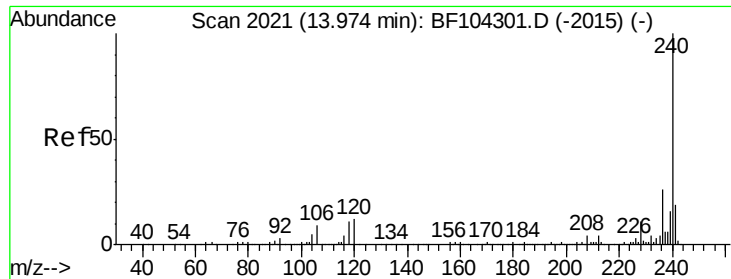


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

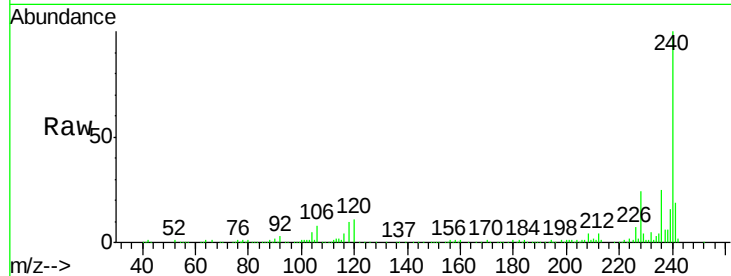
Tot Ion:240 Resp: 170880

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

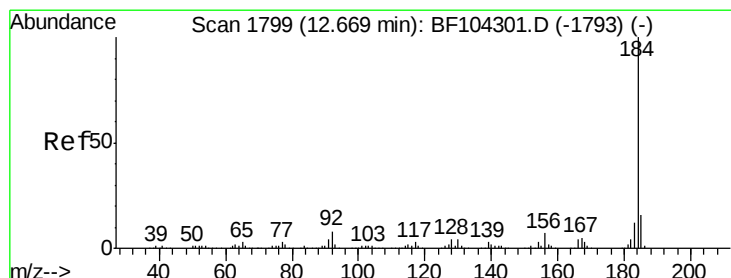
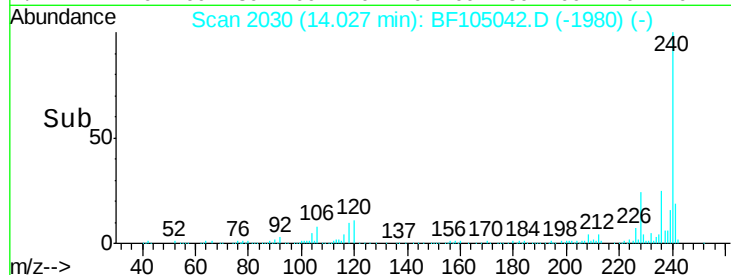
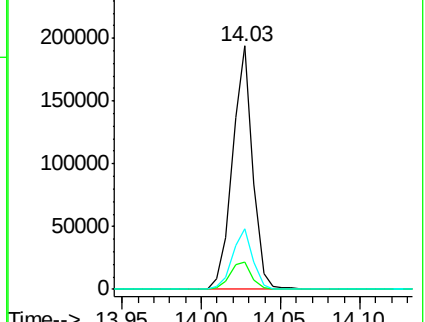
236 25.0 20.7 31.1



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: 65.476 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

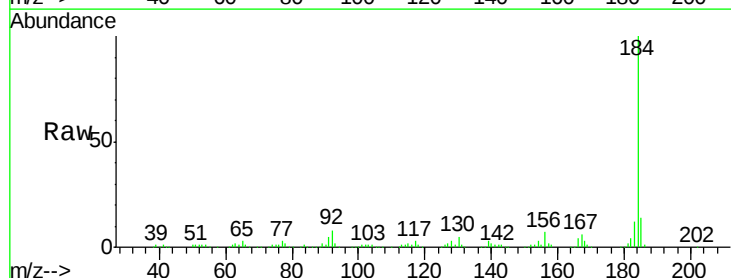
Tgt Ion:184 Resp: 320365

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

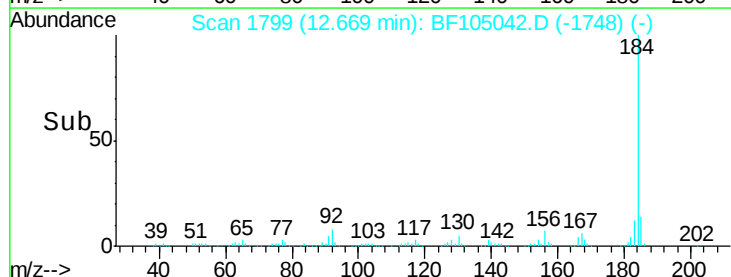
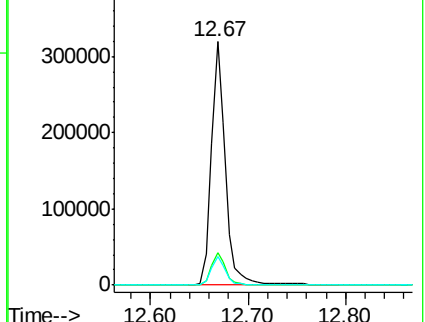
183 11.9 9.3 13.9

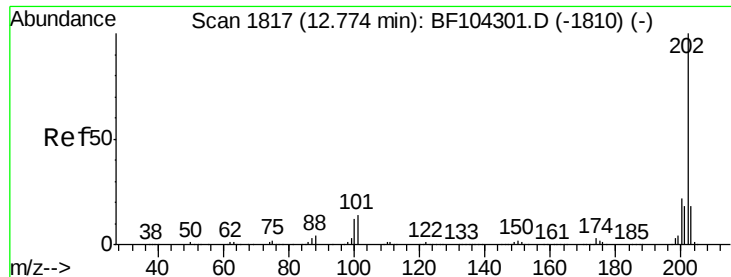


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

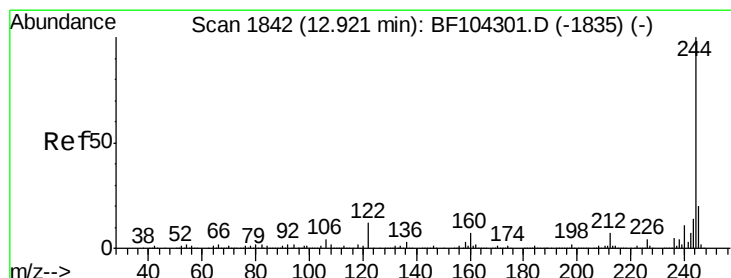
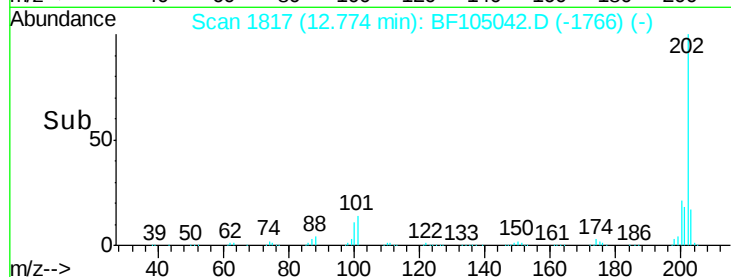
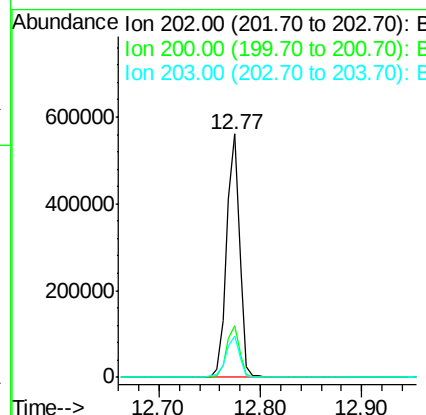
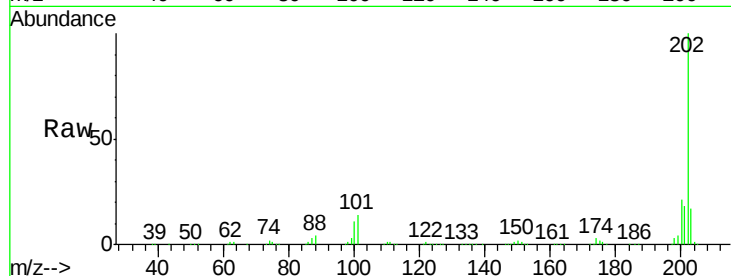




#77
 Pvrene
 Concen: 39.358 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

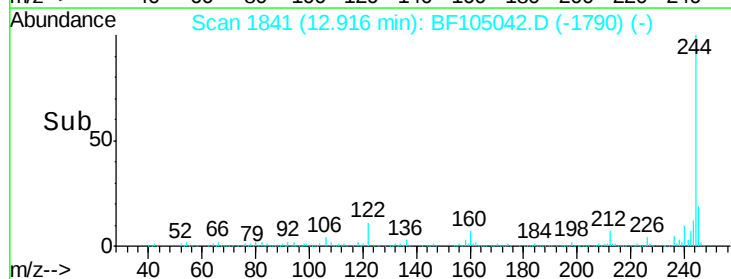
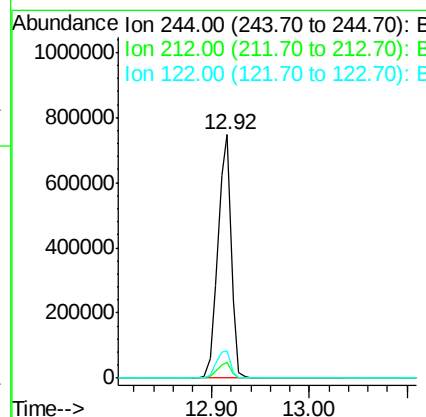
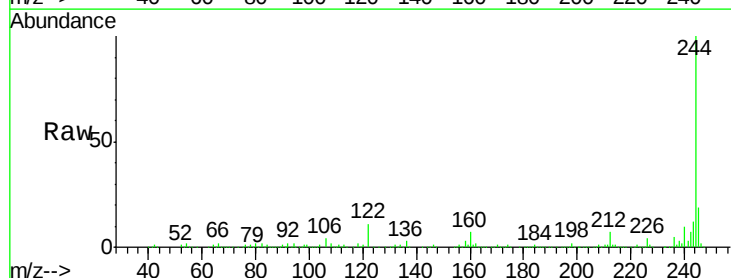
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5



#78
 Terphenyl-d14
 Concen: 93.806 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	11.0	16.4

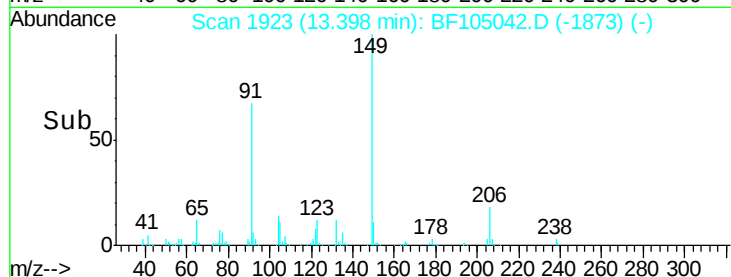
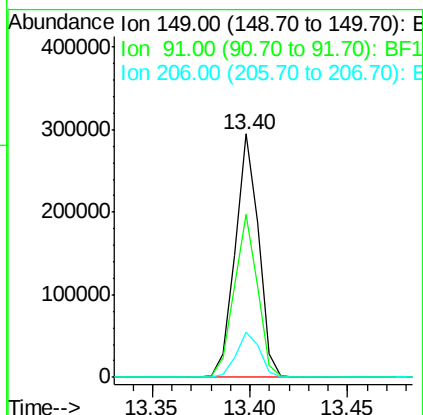
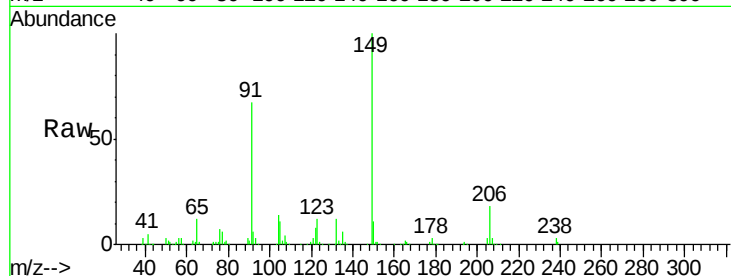




#79
Butylbenzylphthalate
Concen: 41.067 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

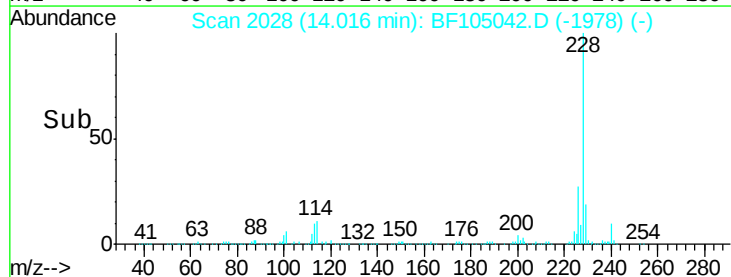
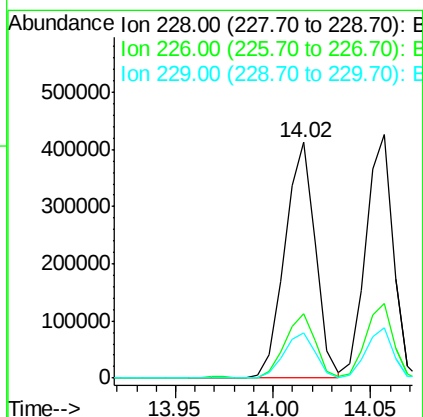
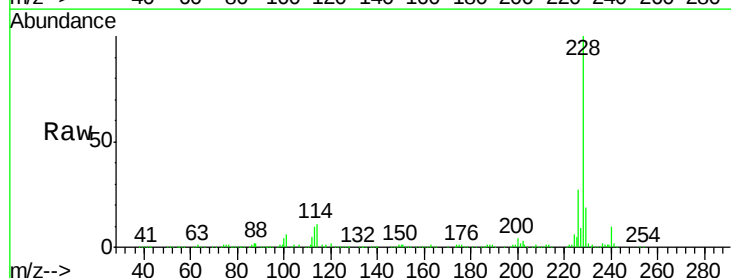
Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.492 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.300 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

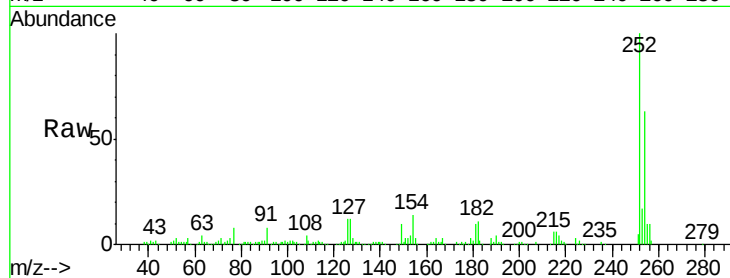
Tot Ion:252 Resp: 157200

Ion Ratio Lower Upper

252 100

254 63.0 50.4 75.6

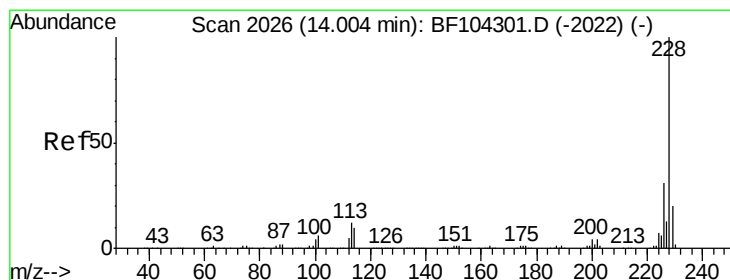
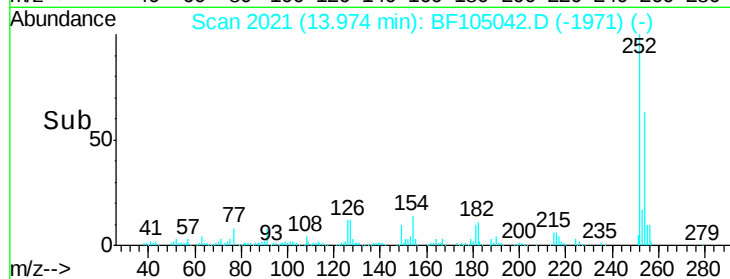
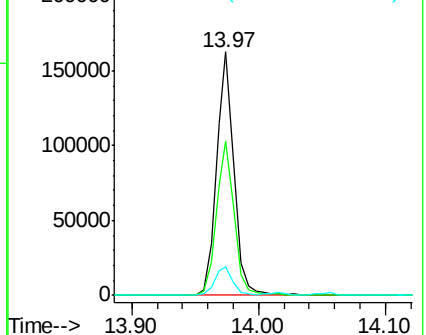
126 11.8 11.3 16.9



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: 39.681 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

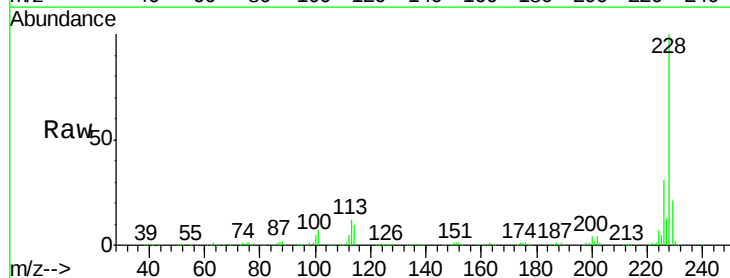
Tgt Ion:228 Resp: 416080

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

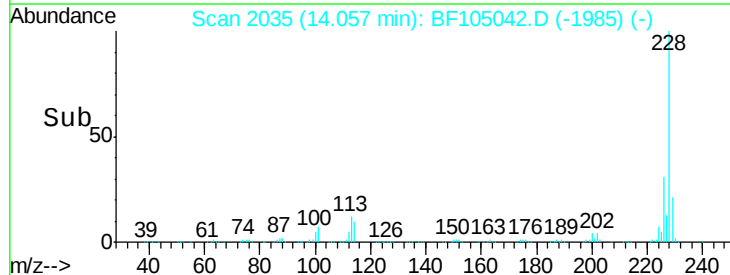
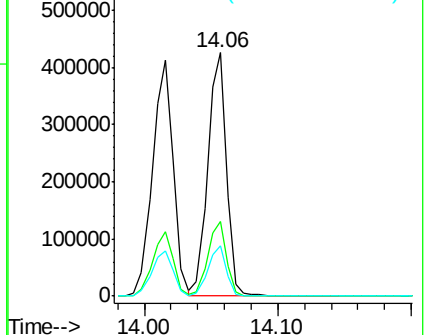
229 20.6 16.2 24.4



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

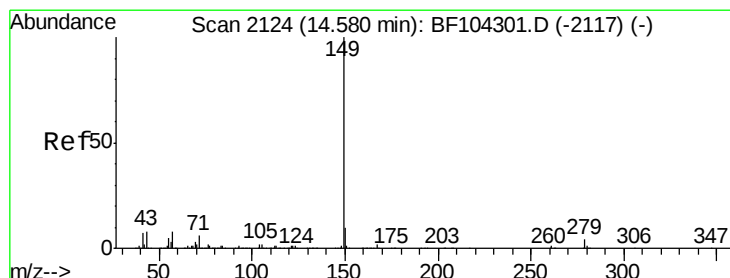
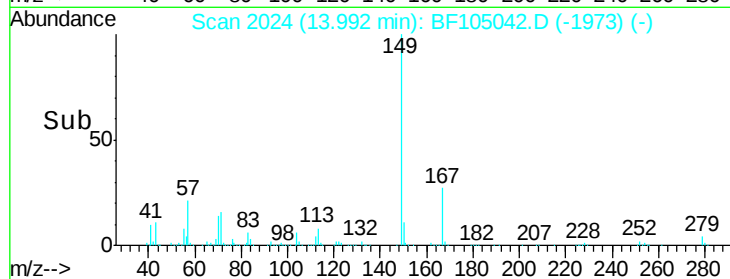
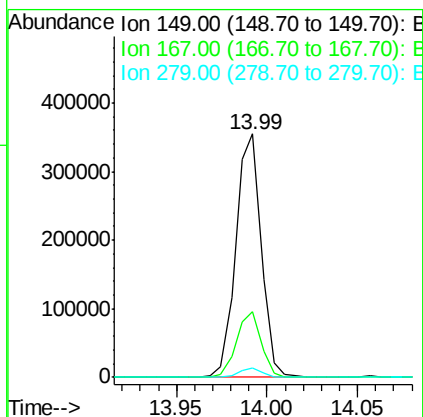
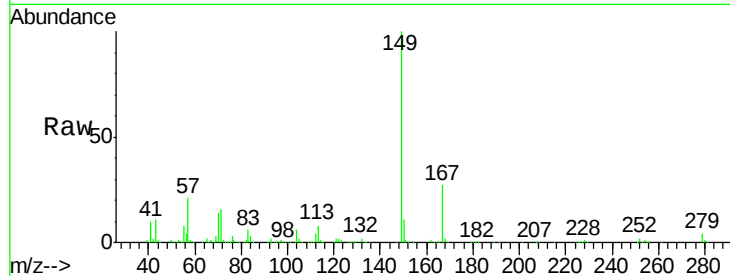




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.938 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

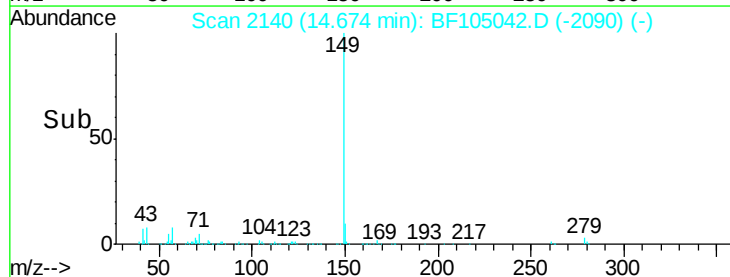
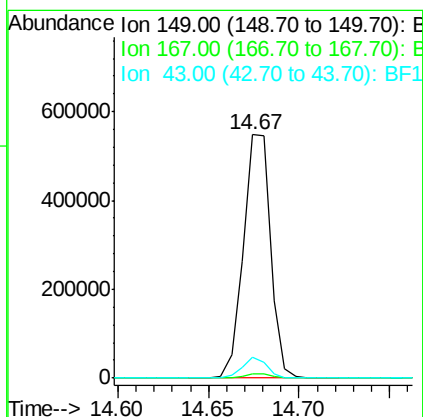
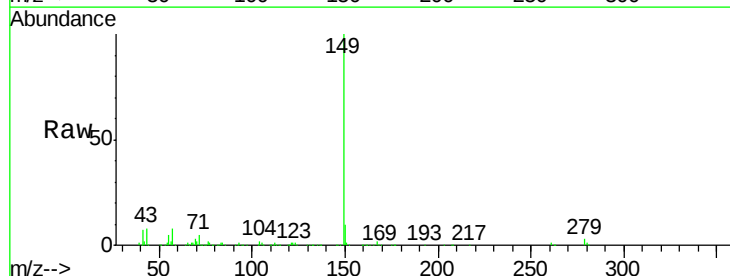
Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

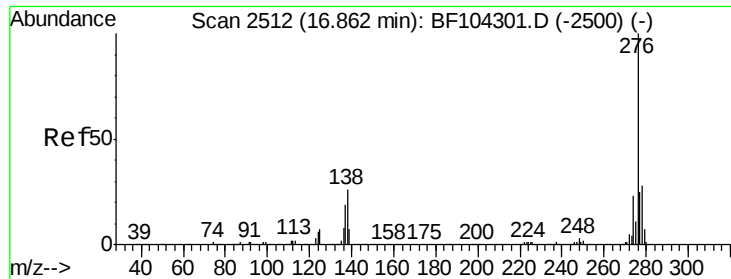
Tot Ion:149 Resp: 344918
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.508 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Tgt Ion:149 Resp: 570808
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.956 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

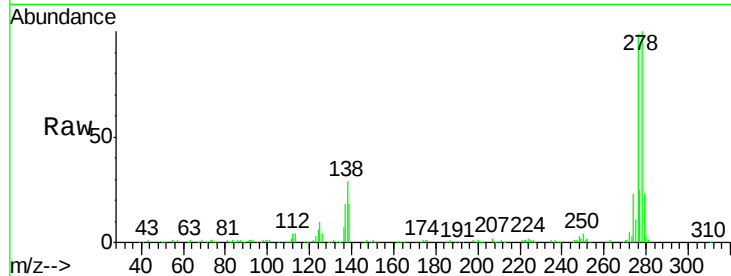
Tot Ion:276 Resp: 320275

Ion Ratio Lower Upper

276 100

138 27.2 25.0 37.6

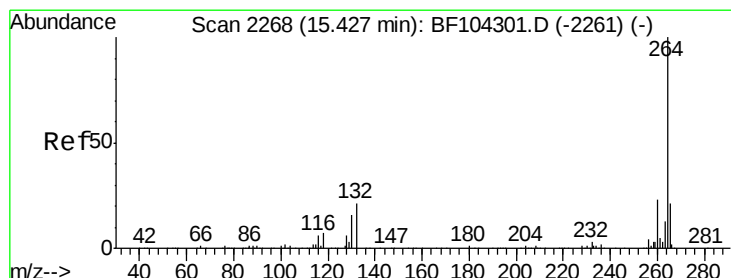
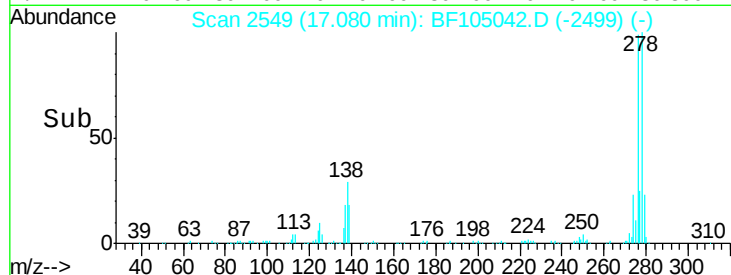
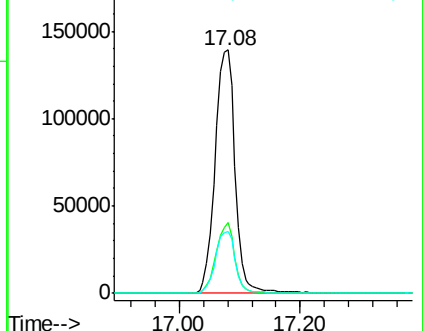
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

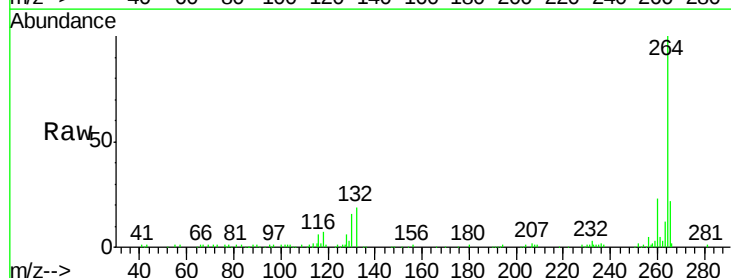
Tgt Ion:264 Resp: 141006

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

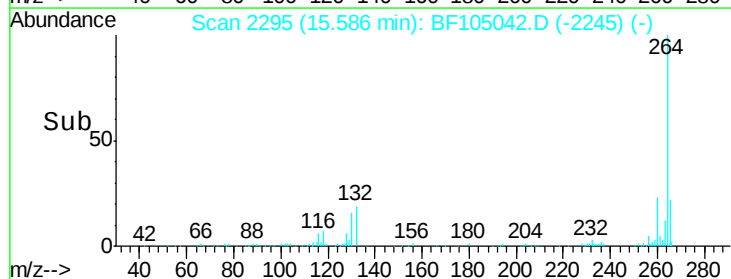
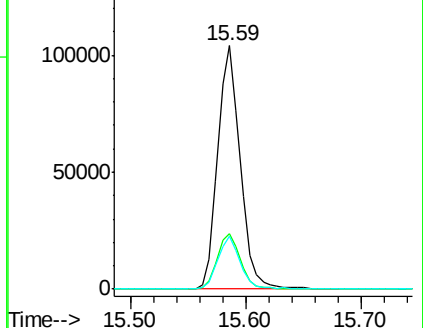
265 21.6 17.5 26.3

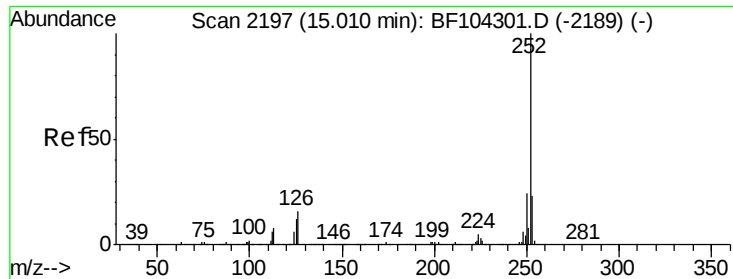


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

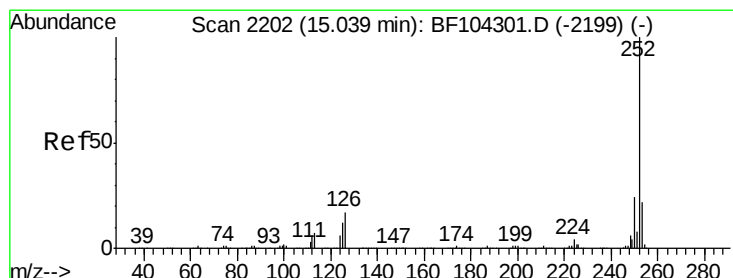
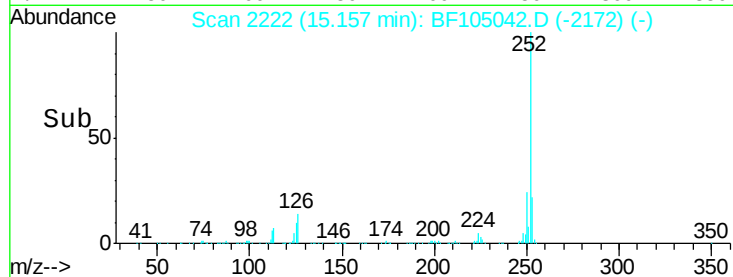
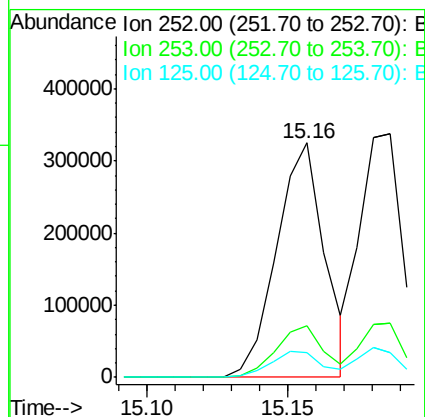
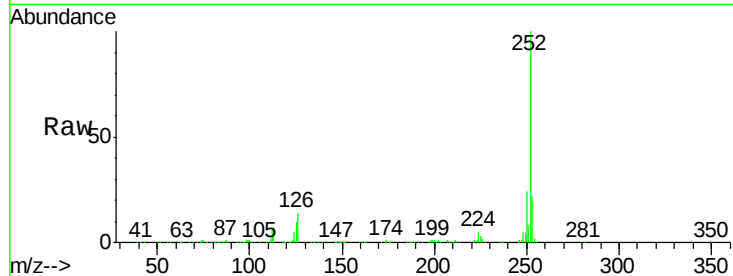




#87
Benzo(b)fluoranthene
Concen: 42.949 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

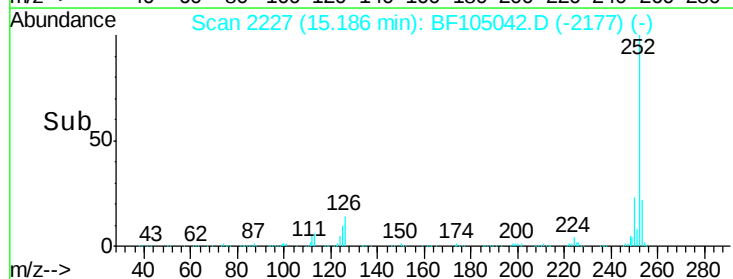
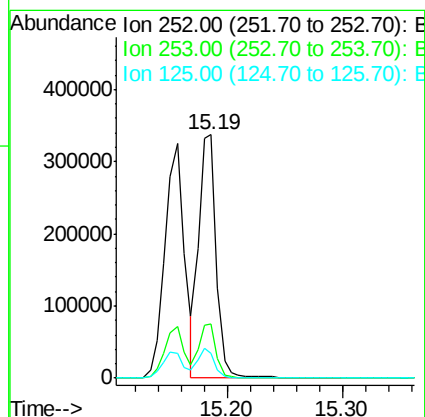
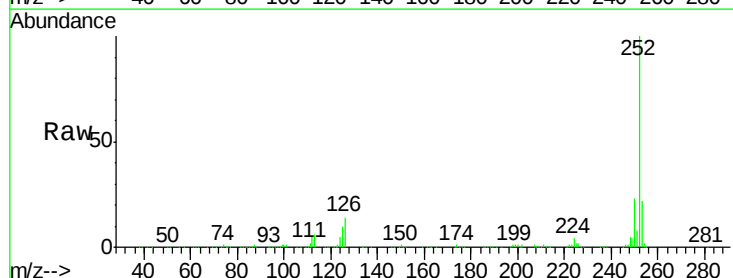
Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:252 Resp: 382494
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.949 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF105042.D
Acq: 2 May 2018 20:16

Tgt Ion:252 Resp: 361105
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.697 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

Instrument :

BNA_F

ClientSampleId :

PB108660BS

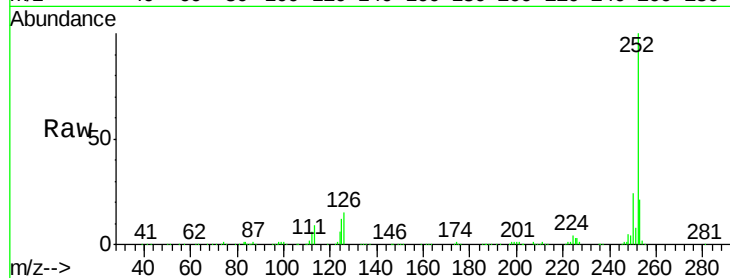
Tot Ion:252 Resp: 340222

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

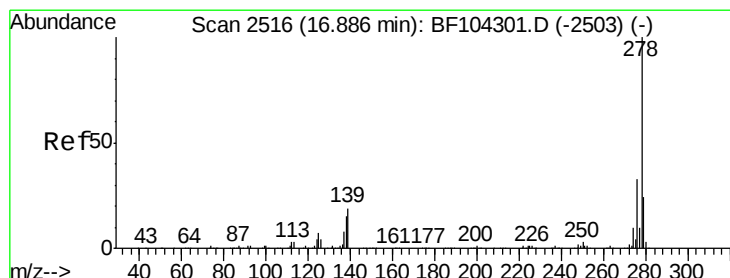
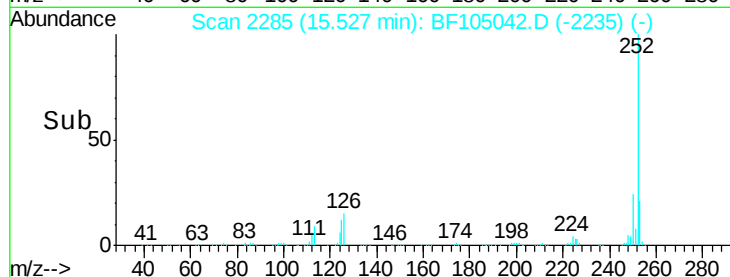
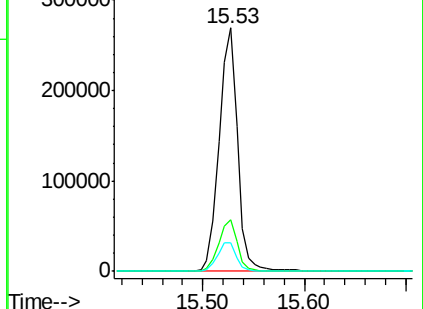
125 11.7 9.8 14.6



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: 41.170 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BF105042.D

Acq: 2 May 2018 20:16

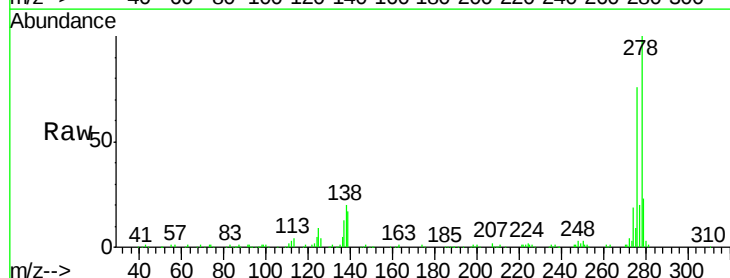
Tgt Ion:278 Resp: 269433

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

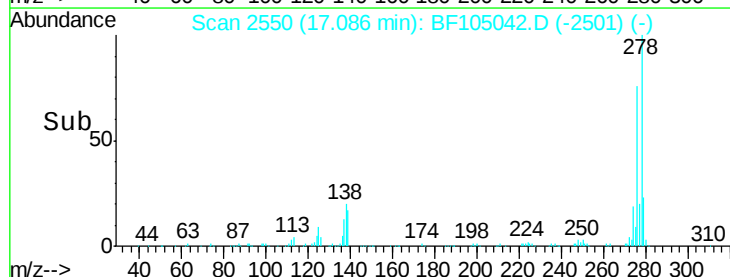
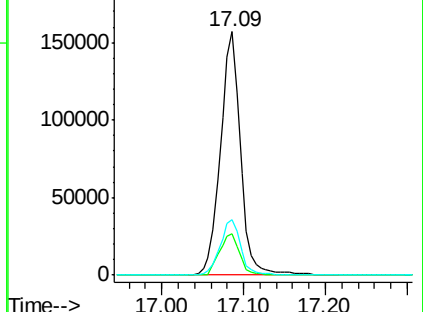
279 22.8 19.0 28.4

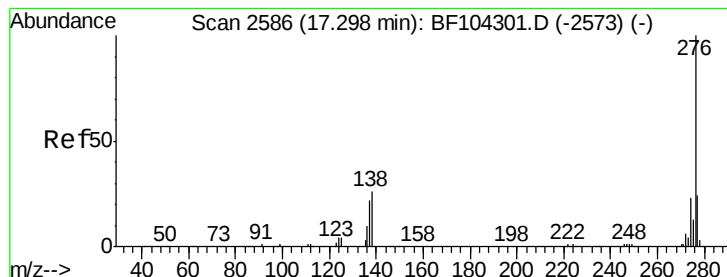


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.574 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF105042.D
 Acq: 2 May 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.1	21.8	32.8

