

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105016.D
 Acq On : 2 May 2018 7:20
 Operator : JU/SJ
 Sample : PB108770BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Quant Time: May 02 08:13:11 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126179	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	520448	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	235318	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388647	20.00	ng	0.00
75) Chrysene-d12	14.02	240	236852	20.00	ng	0.05
86) Perylene-d12	15.57	264	215967	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	576499	69.86	ng	0.00
7) Phenol-d6	6.43	99	696240	68.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	601159	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	163372	66.93	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1109053	74.45	ng	0.00
78) Terphenyl-d14	12.92	244	849176	81.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	101212	26.322	ng	# 87
3) Pyridine	3.31	79	289707	26.798	ng	86
4) n-Nitrosodimethylamine	3.29	42	112740	29.833	ng	# 73
6) Aniline	6.45	93	131173	9.312	ng	# 5
8) 2-Chlorophenol	6.57	128	305015	35.020	ng	95
9) Benzaldehyde	6.34	77	95220	14.765	ng	98
10) Phenol	6.45	94	355803	33.073	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	274555	31.981	ng	92
12) 1,3-Dichlorobenzene	6.73	146	314561	31.879	ng	99
13) 1,4-Dichlorobenzene	6.80	146	319449	32.478	ng	99
14) 1,2-Dichlorobenzene	6.96	146	298807	32.782	ng	99
15) Benzyl Alcohol	6.94	79	231421	30.051	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	305926	26.535	ng	57
17) 2-Methylphenol	7.05	107	246810	32.599	ng	93
18) Hexachloroethane	7.29	117	107916	30.772	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	190541	28.759	ng	90
20) 3+4-Methylphenols	7.21	107	310972	33.118	ng	# 84
22) Acetophenone	7.20	105	400511	31.258	ng	98
24) Nitrobenzene	7.38	77	295323	33.560	ng	94
25) Isophorone	7.62	82	540487	32.068	ng	98
26) 2-Nitrophenol	7.69	139	159125	44.418	ng	95
27) 2,4-Dimethylphenol	7.73	122	261003	35.089	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	351640	34.123	ng	99
29) 2,4-Dichlorophenol	7.94	162	251923	35.495	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	257846	33.104	ng	100
31) Naphthalene	8.10	128	846171	32.651	ng	100
32) Benzoic acid	7.87	122	101954	17.178	ng	94
33) 4-Chloroaniline	8.15	127	63862	5.752	ng	96
34) Hexachlorobutadiene	8.20	225	141115	33.076	ng	98
35) Caprolactam	8.53	113	78015	31.510	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	262935	34.550	ng	98
37) 2-Methylnaphthalene	8.79	142	560575	33.440	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	242222	35.959	ng	98
40) Hexachlorocyclopentadiene	8.93	237	48945	12.979	ng	95

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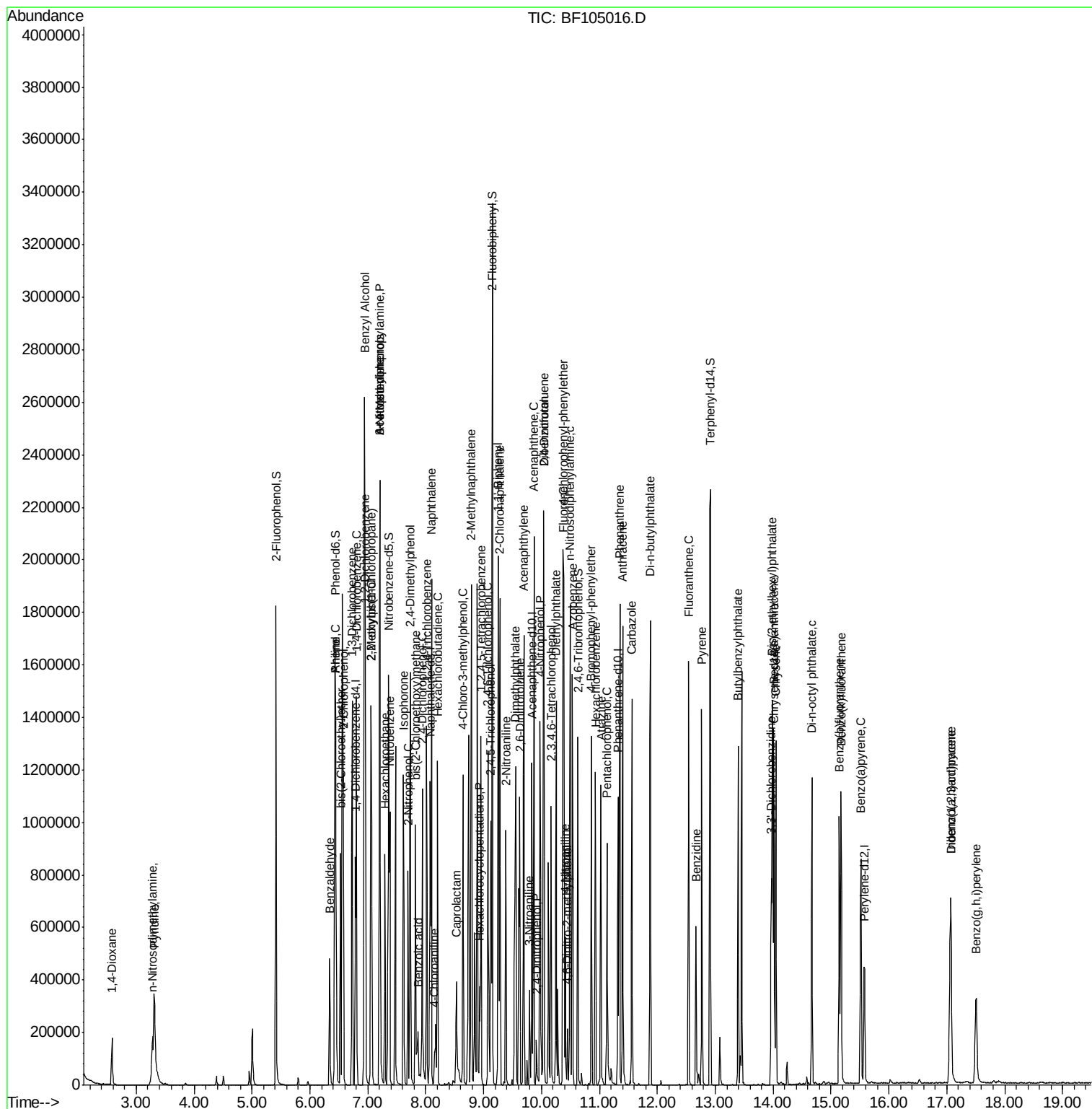
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42) 2,4,6-Trichlorophenol	9.07	196	162173	34.681	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	169334	32.360	ng	94
45) 1,1'-Biphenyl	9.25	154	667078	33.745	ng	99
46) 2-Chloronaphthalene	9.28	162	515732	33.029	ng	100
47) 2-Nitroaniline	9.39	65	149264	38.655	ng	87
48) Acenaphthylene	9.70	152	755516	30.839	ng	99
49) Dimethylphthalate	9.55	163	626198	33.745	ng	99
50) 2,6-Dinitrotoluene	9.63	165	135963	39.597	ng	# 87
51) Acenaphthene	9.87	154	448411	29.999	ng	99
52) 3-Nitroaniline	9.79	138	59605	14.828	ng	97
53) 2,4-Dinitrophenol	9.91	184	30180	31.652	ng	# 22
54) Dibenzofuran	10.04	168	659463	31.658	ng	96
55) 4-Nitrophenol	9.97	139	163934	51.915	ng	93
56) 2,4-Dinitrotoluene	10.03	165	160775	35.696	ng	95
57) Fluorene	10.39	166	529264	34.907	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	127335	32.618	ng	92
59) Diethylphthalate	10.25	149	599085	32.416	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	252702	37.424	ng	93
61) 4-Nitroaniline	10.42	138	116604	29.667	ng	94
62) Azobenzene	10.53	77	515869	29.217	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	28241	19.984	ng	80
65) n-Nitrosodiphenylamine	10.49	169	475433	35.282	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	150631	36.437	ng	94
67) Hexachlorobenzene	10.93	284	161040	34.621	ng	# 89
68) Atrazine	11.03	200	152118	37.398	ng	97
69) Pentachlorophenol	11.13	266	116472	40.474	ng	98
70) Phenanthrene	11.35	178	704819	32.565	ng	98
71) Anthracene	11.40	178	719805	32.717	ng	99
72) Carbazole	11.56	167	645330	30.017	ng	99
73) Di-n-butylphthalate	11.88	149	880771	33.538	ng	98
74) Fluoranthene	12.54	202	618571	27.354	ng	99
76) Benzidine	12.67	184	282769	33.598	ng	97
77) Pyrene	12.77	202	597752	34.048	ng	99
79) Butylbenzylphthalate	13.40	149	302607	36.586	ng	95
80) Benzo(a)anthracene	14.01	228	499439	35.297	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	162143	30.733	ng	98
82) Chrysene	14.05	228	478604	32.930	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	430544	40.470	ng	99
84) Di-n-octyl phthalate	14.67	149	664334	37.372	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.06	276	382088	30.947	ng	96
87) Benzo(b)fluoranthene	15.14	252	463462	33.978	ng	100
88) Benzo(k)fluoranthene	15.17	252	471866	36.643	ng	99
89) Benzo(a)pyrene	15.52	252	430969	35.312	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	330771	32.999	ng	97
91) Benzo(g,h,i)perylene	17.51	276	300835	30.978	ng	96

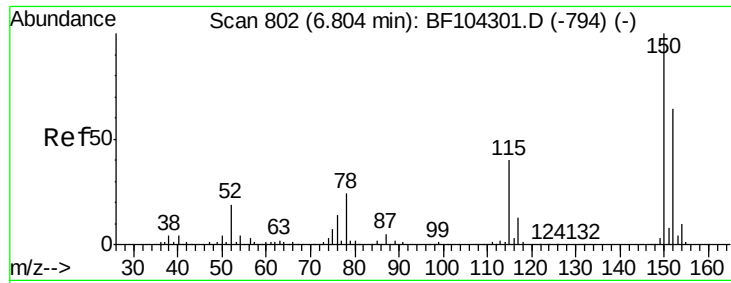
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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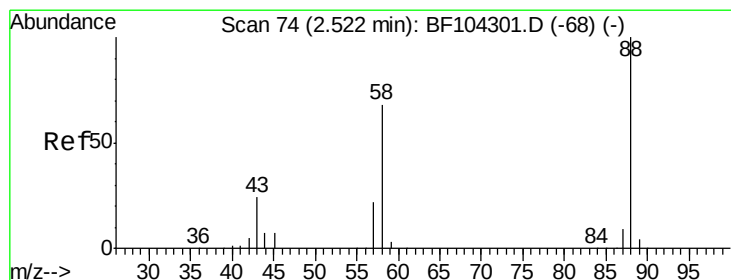
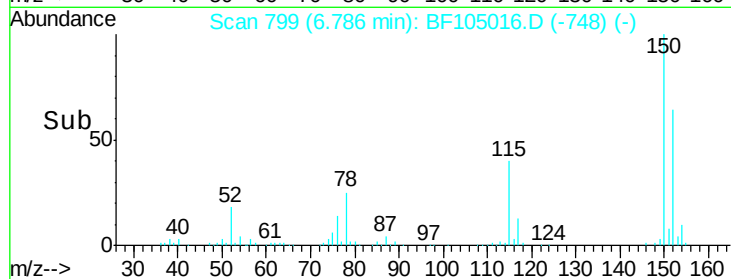
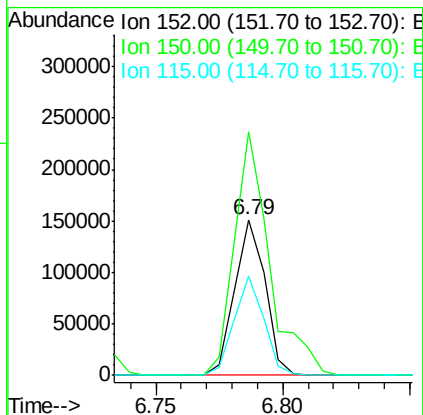
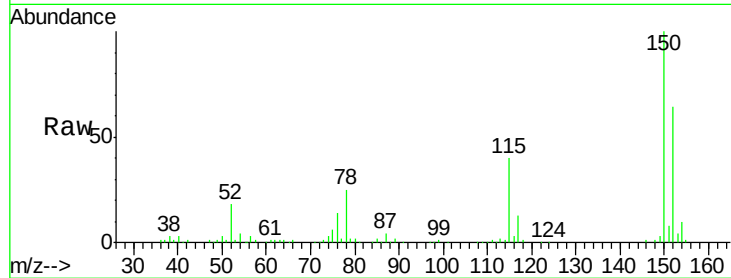


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

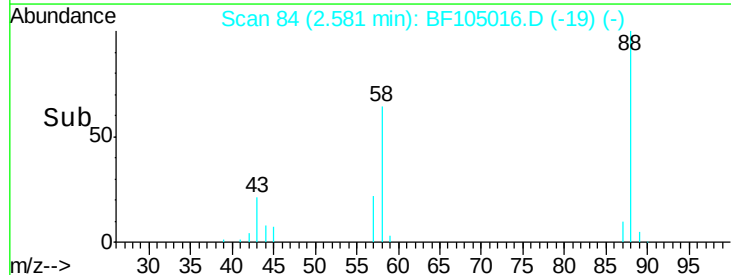
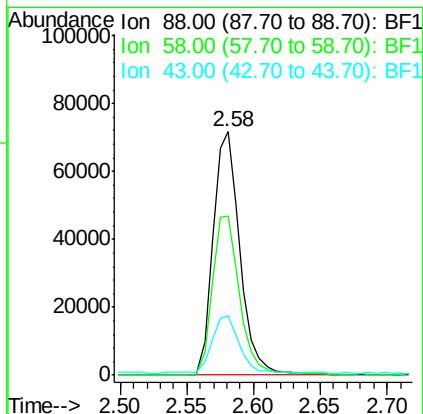
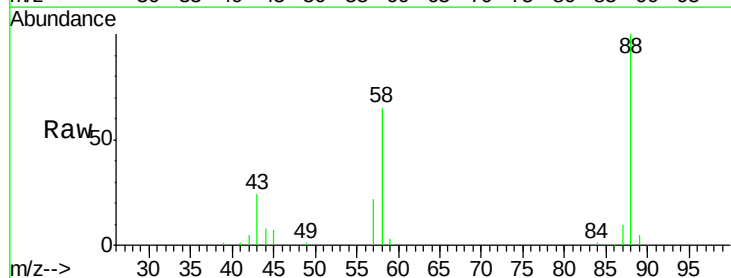
Tgt Ion: 152 Resp: 126179
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.3 50.1 75.1

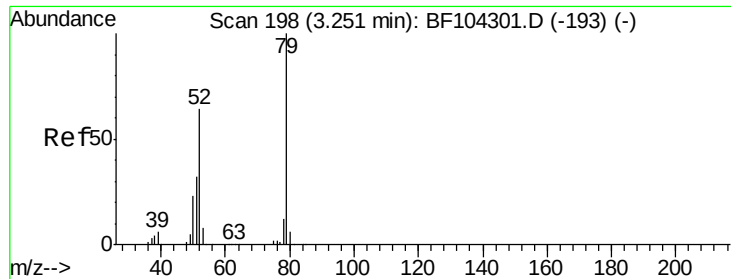


#2

1,4-Dioxane
Concen: 26.322 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion: 88 Resp: 101212
Ion Ratio Lower Upper
88 100
58 66.9 62.6 93.8
43 24.5 24.6 37.0#





#3

Pyridine

Concen: 26.798 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

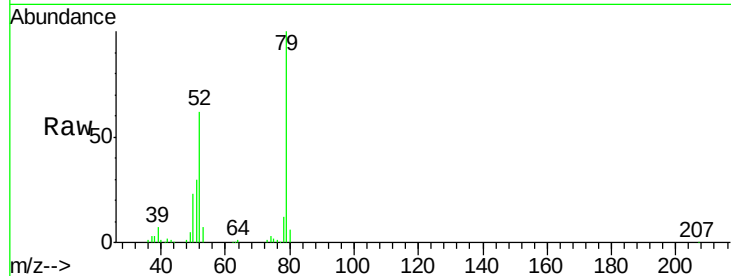
Tgt Ion: 79 Resp: 289707

Ion Ratio Lower Upper

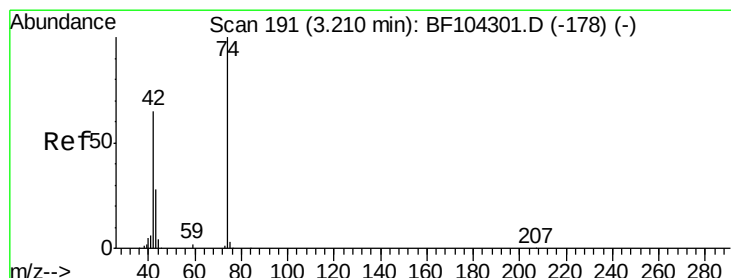
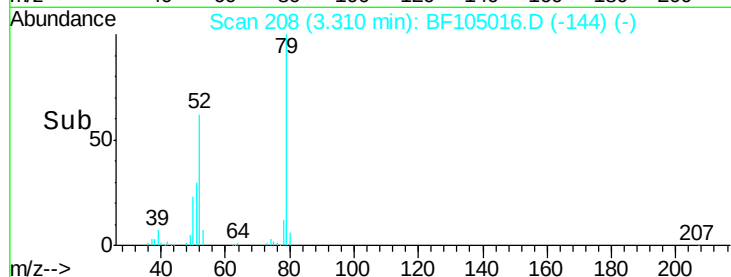
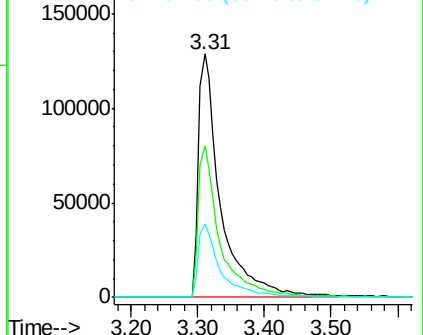
79 100

52 62.2 59.8 89.6

51 30.0 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: 29.833 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

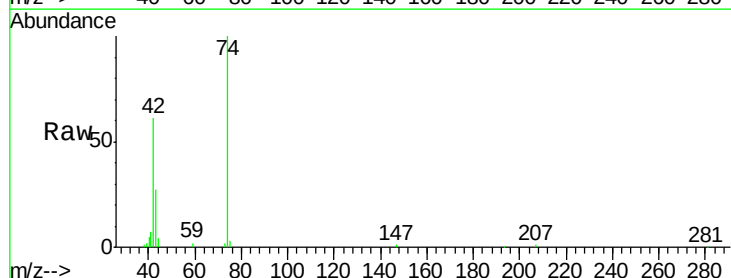
Tgt Ion: 42 Resp: 112740

Ion Ratio Lower Upper

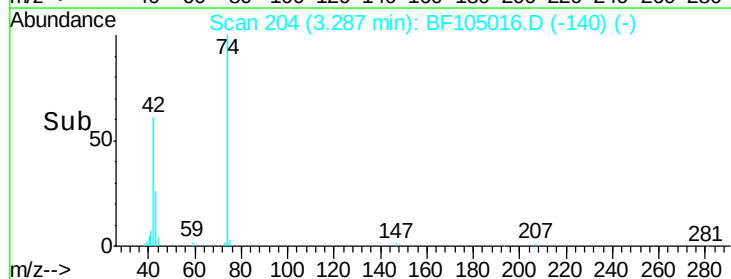
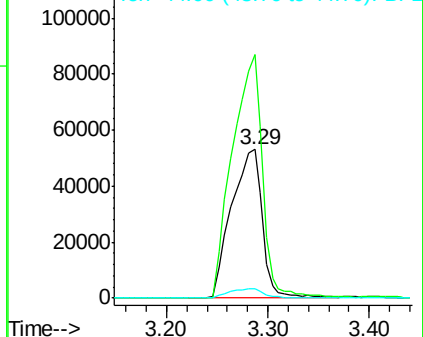
42 100

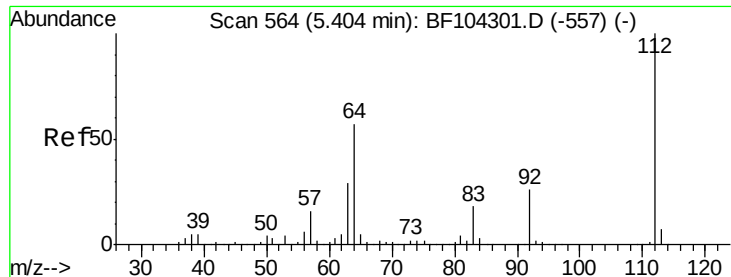
74 163.8 104.9 157.3#

44 6.5 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

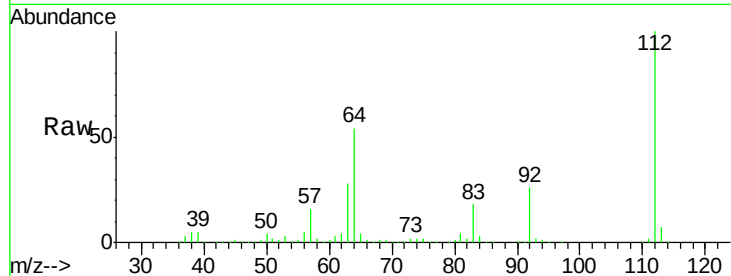




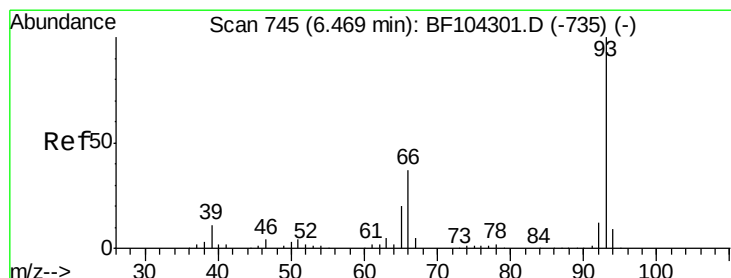
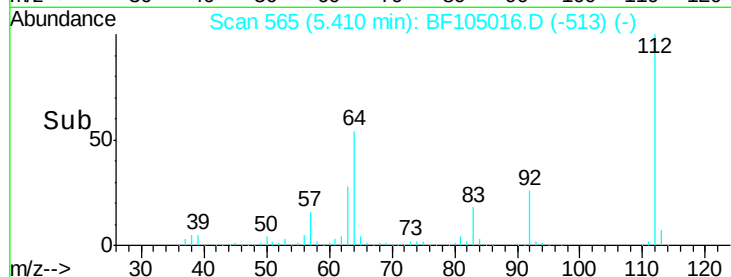
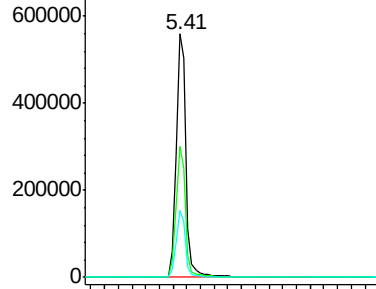
#5
 2-Fluorophenol
 Concen: 69.861 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
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 PB108770BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	27.7	23.7	35.5

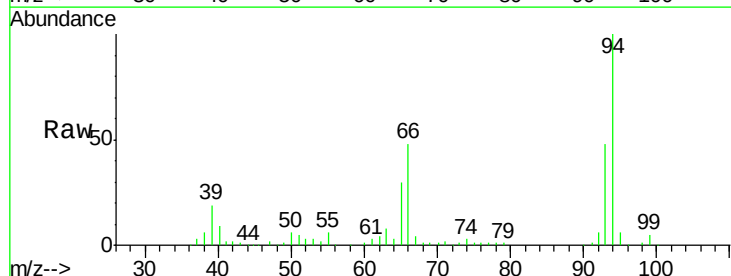


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

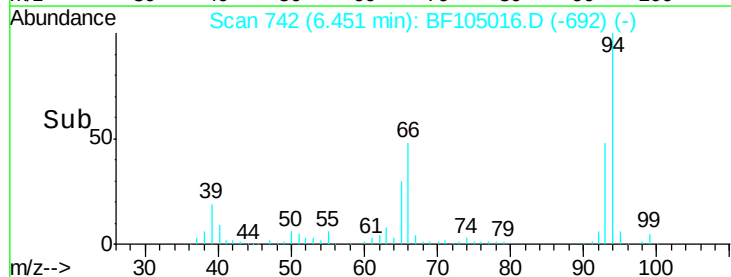
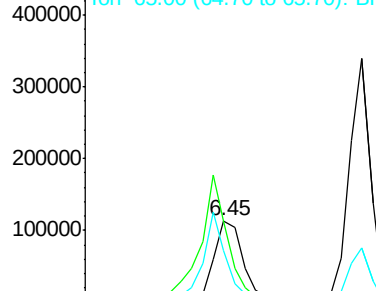


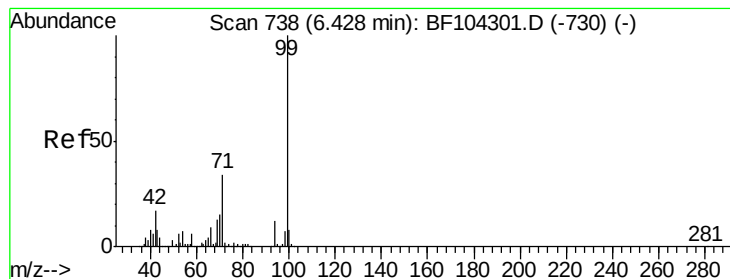
#6
 Aniline
 Concen: 9.312 ng
 RT: 6.45 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	99.7	32.2	48.2#
65	63.0	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.669 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

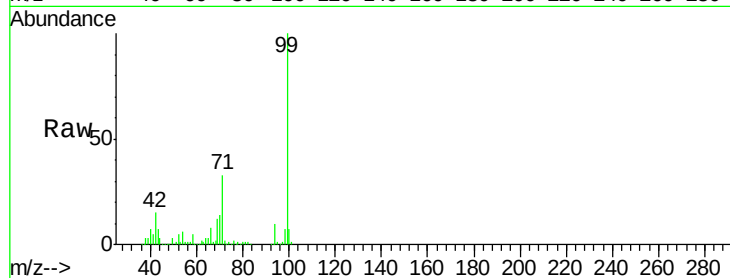
Tgt Ion: 99 Resp: 696240

Ion Ratio Lower Upper

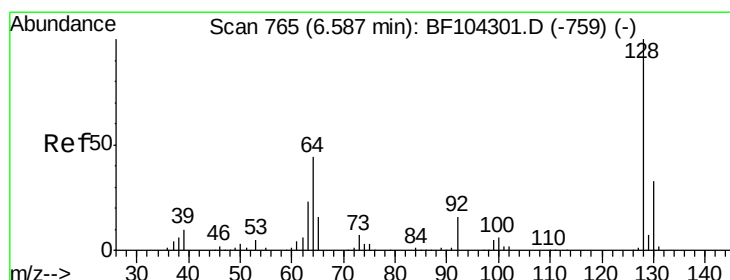
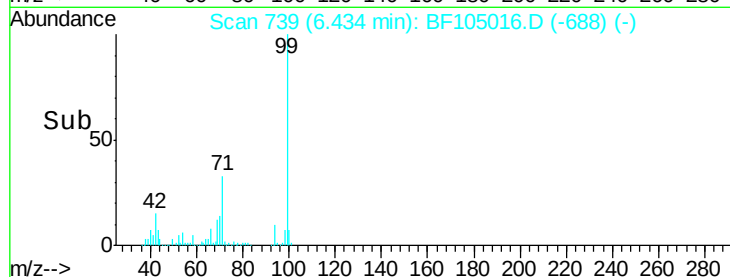
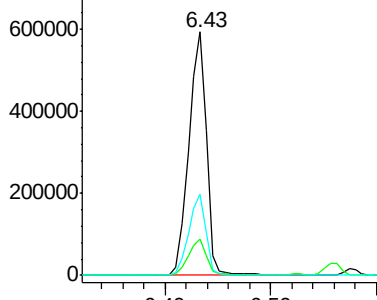
99 100

42 15.1 14.5 21.7

71 33.1 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: 35.020 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

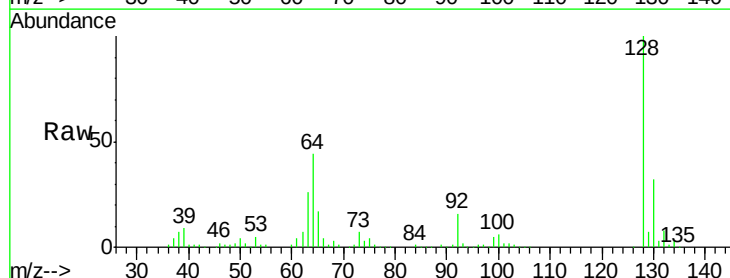
Tgt Ion: 128 Resp: 305015

Ion Ratio Lower Upper

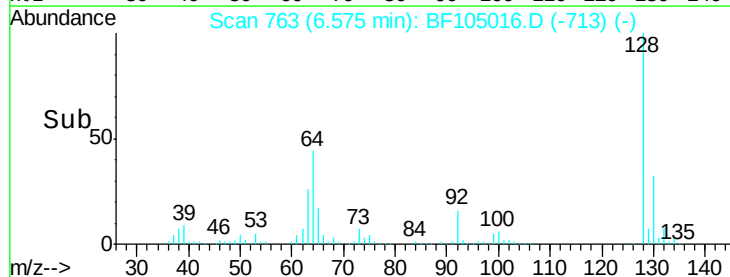
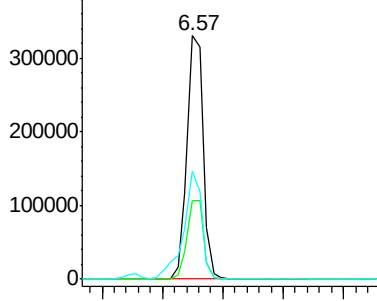
128 100

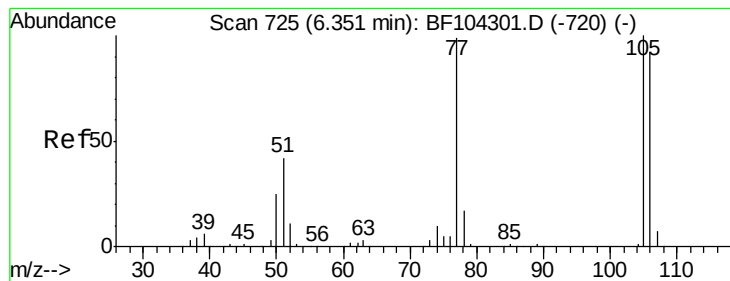
130 32.3 13.0 53.0

64 44.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 14.765 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

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ClientSampleId :

PB108770BS

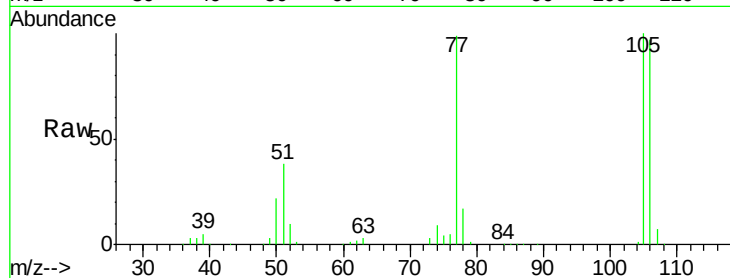
Tgt Ion: 77 Resp: 95220

Ion Ratio Lower Upper

77 100

105 101.2 81.1 121.1

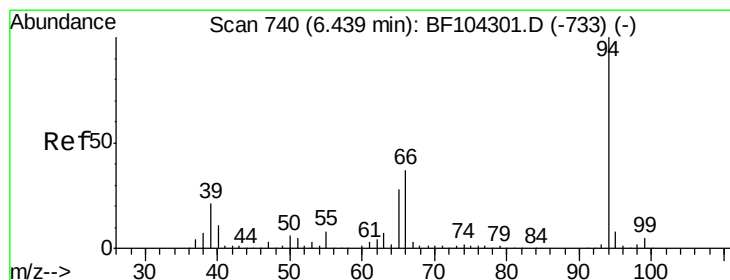
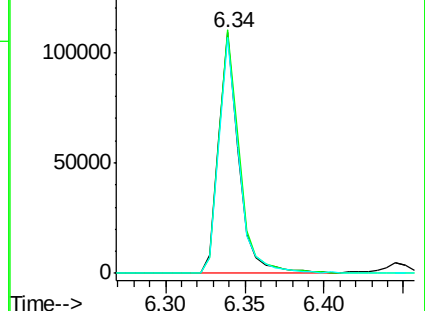
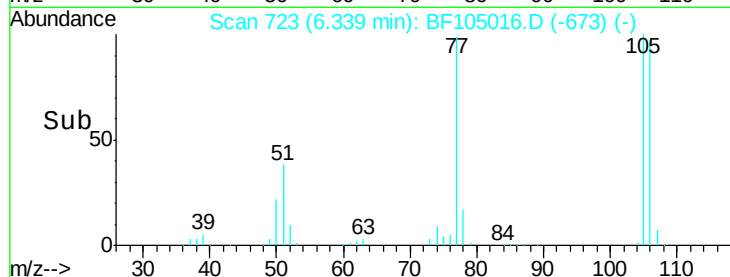
106 97.9 74.5 114.5



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: 33.073 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

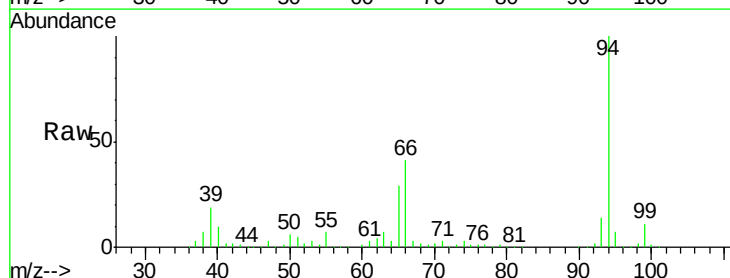
Tgt Ion: 94 Resp: 355803

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

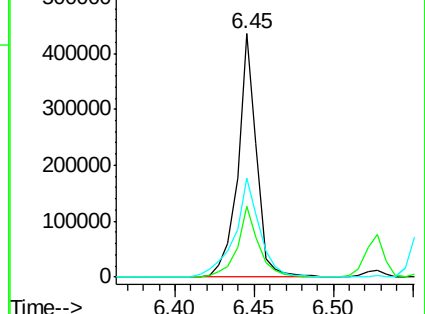
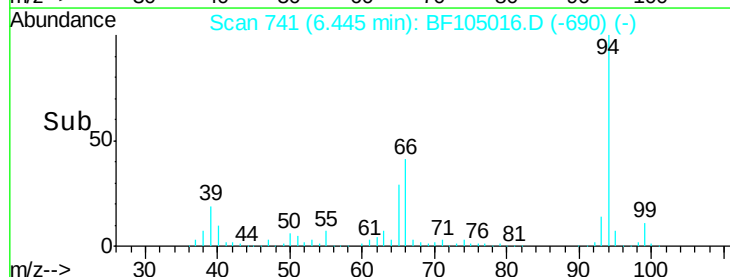
66 40.8 16.2 56.2

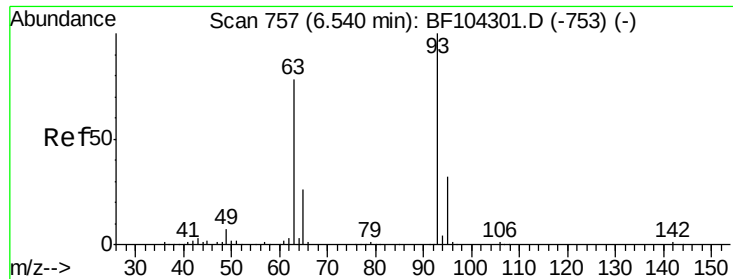


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

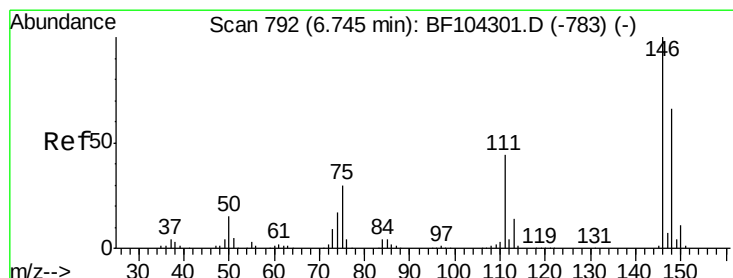
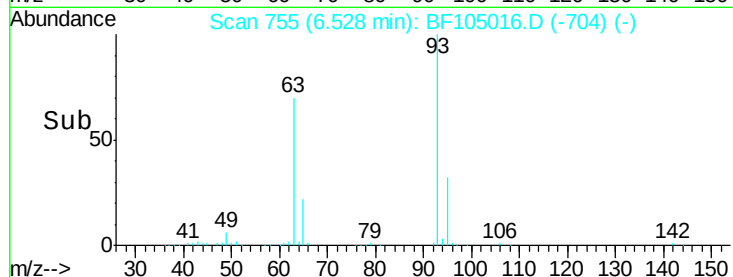
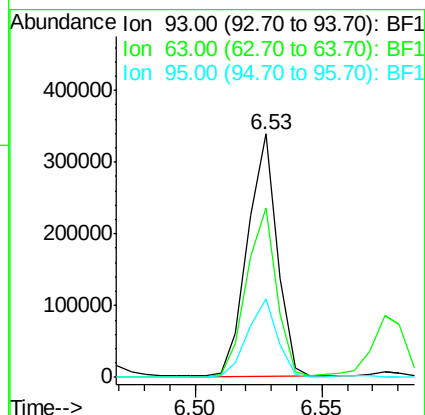
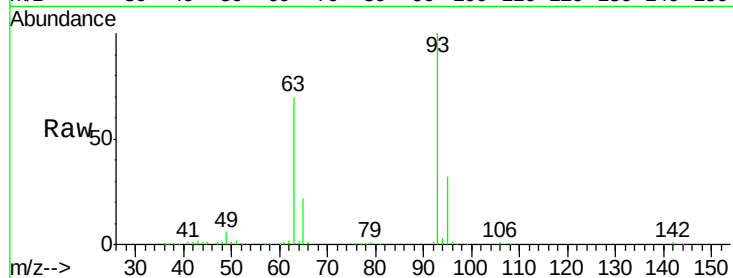




#11
 bis(2-Chloroethyl)ether
 Concen: 31.981 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

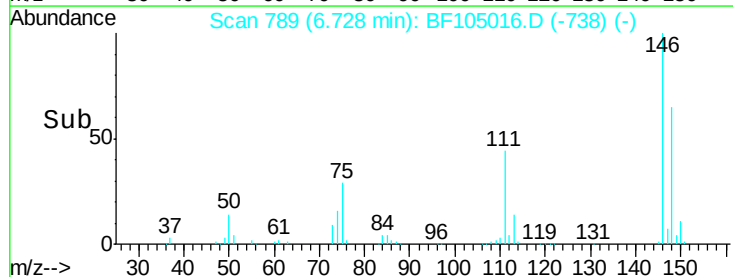
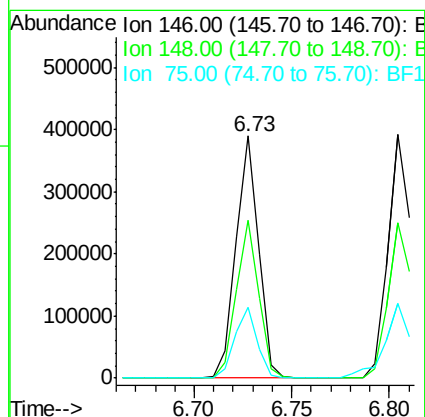
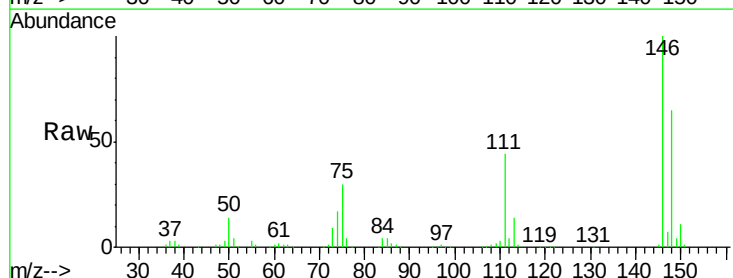
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

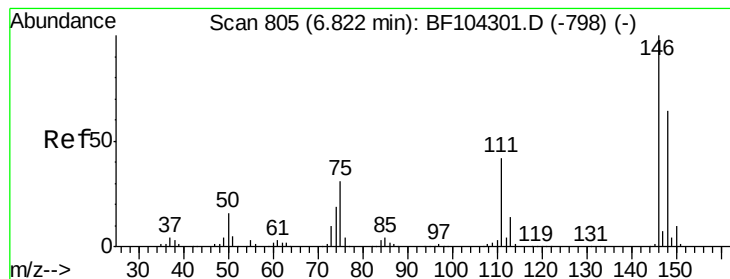
Tgt Ion: 93 Resp: 274555
 Ion Ratio Lower Upper
 93 100
 63 69.8 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.879 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion: 146 Resp: 314561
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.8
 75 29.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.478 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

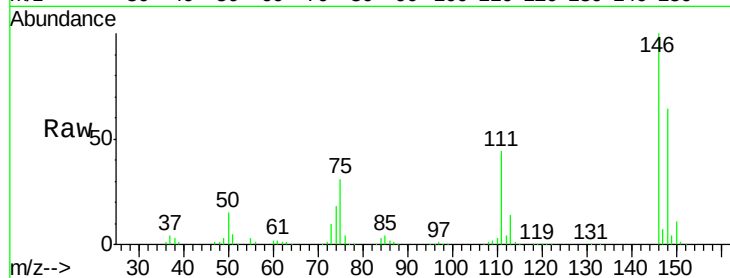
Tgt Ion:146 Resp: 319449

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

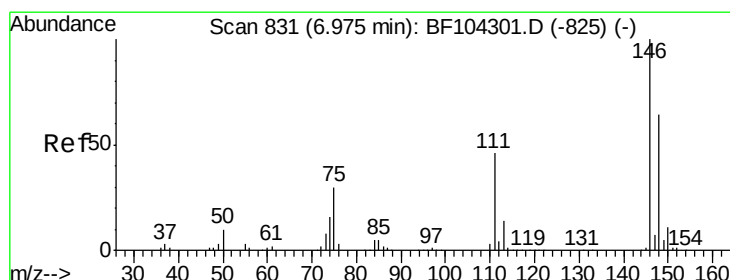
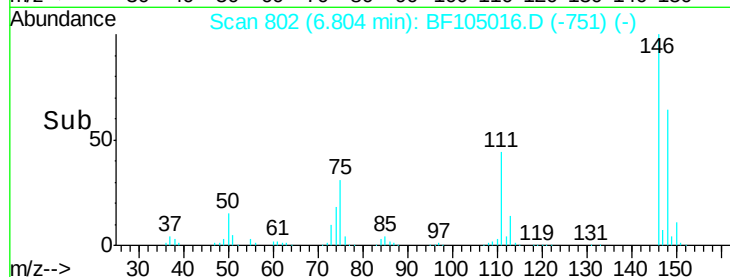
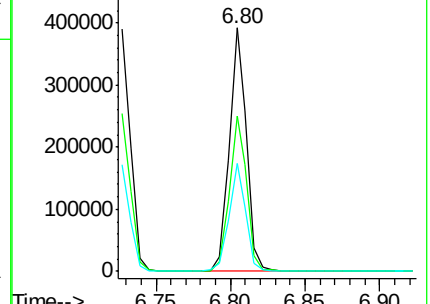
111 44.2 34.2 51.2



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: 32.782 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

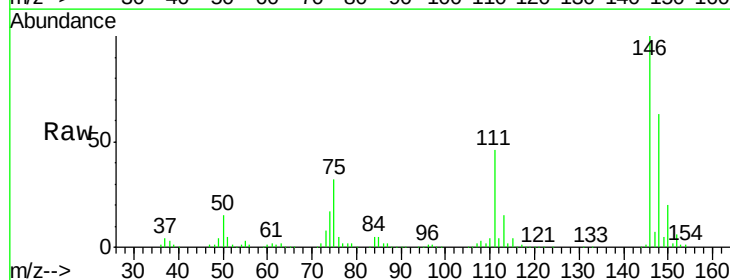
Tgt Ion:146 Resp: 298807

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

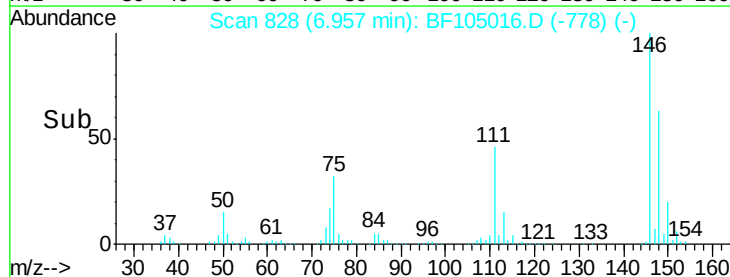
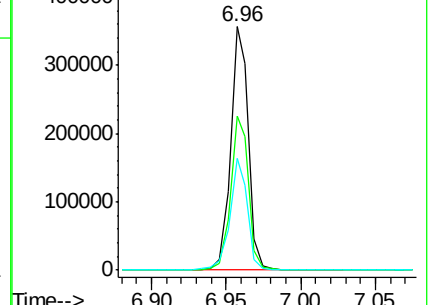
111 45.9 36.0 54.0

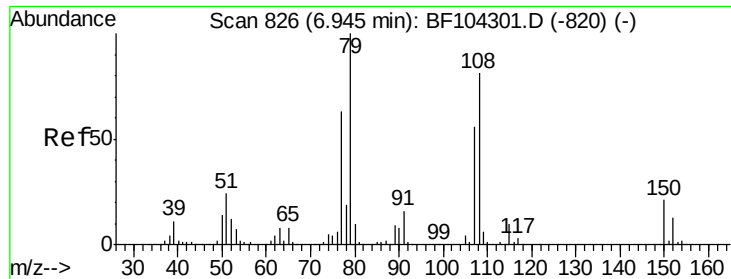


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.051 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

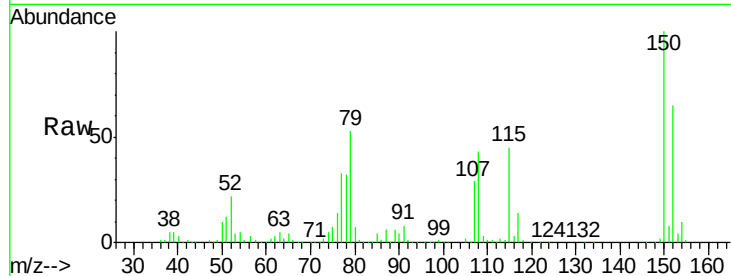
Tgt Ion: 79 Resp: 231421

Ion Ratio Lower Upper

79 100

108 81.0 65.1 97.7

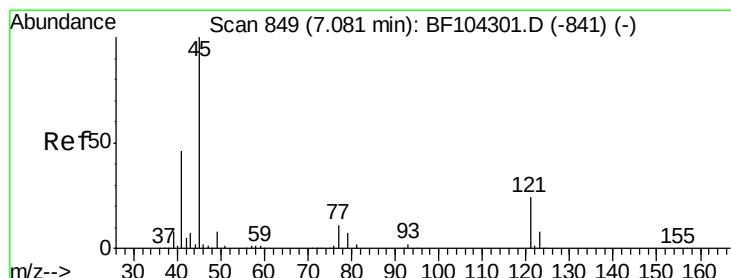
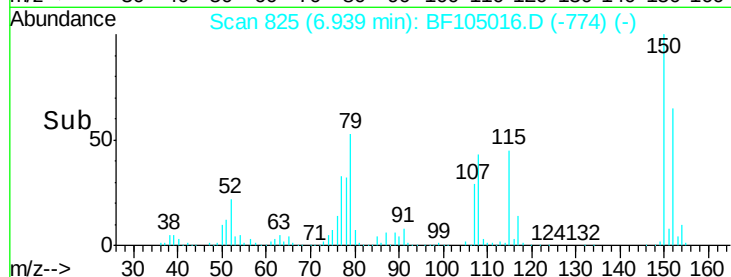
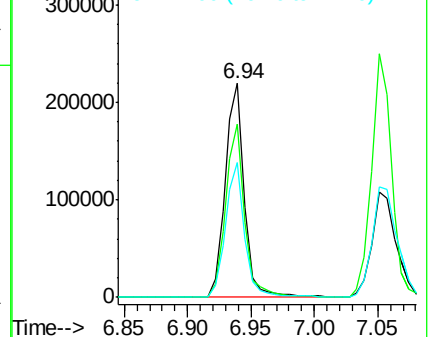
77 63.3 50.6 75.8



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: 26.535 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

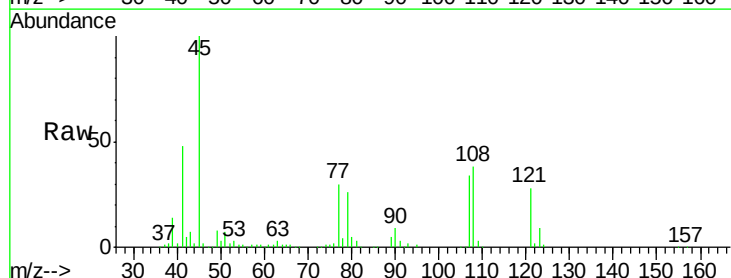
Tgt Ion: 45 Resp: 305926

Ion Ratio Lower Upper

45 100

77 29.9 0.0 32.9

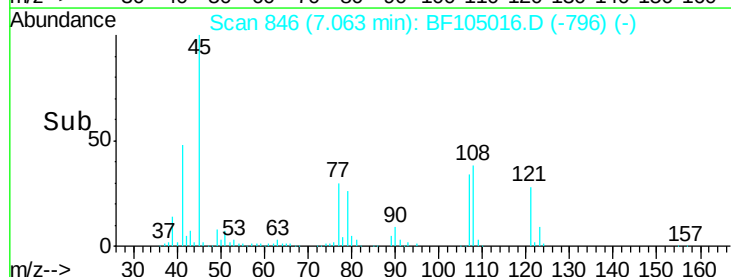
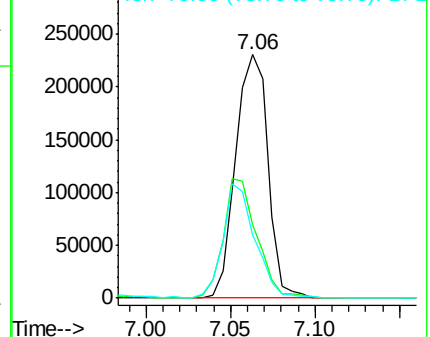
79 25.8 0.0 29.6

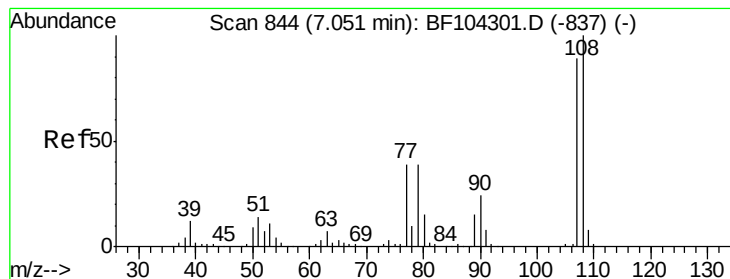


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 32.599 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleID :

PB108770BS

Tgt Ion:107 Resp: 246810

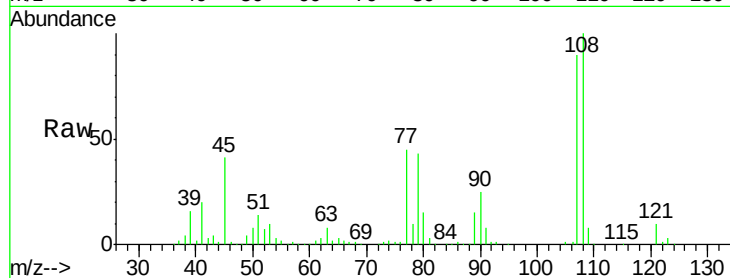
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 50.6 33.8 50.8

79 48.3 33.8 50.8

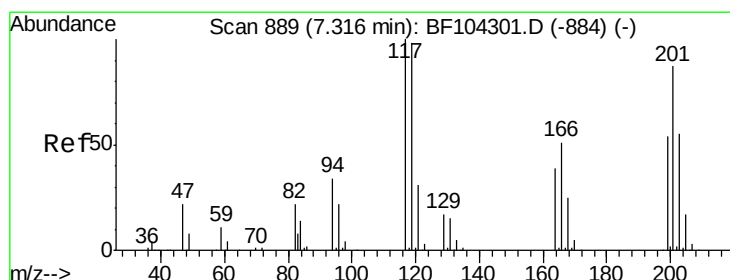
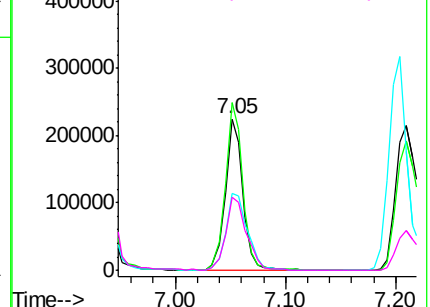
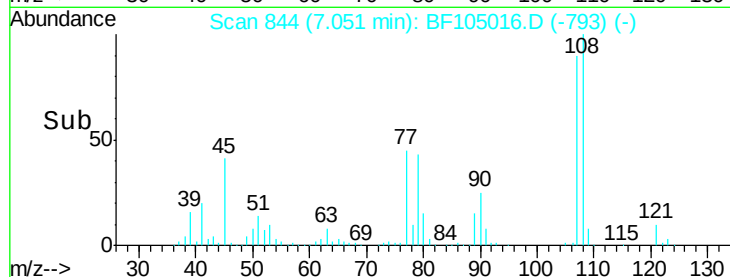


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.772 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

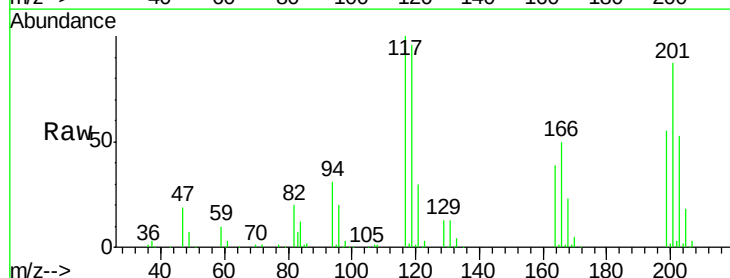
Tgt Ion:117 Resp: 107916

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

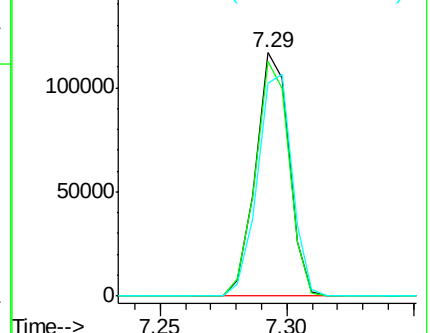
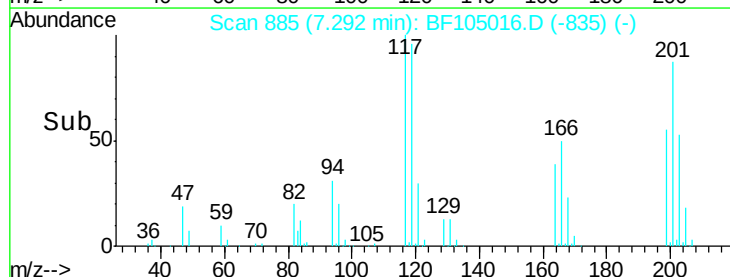
201 87.2 75.7 113.5

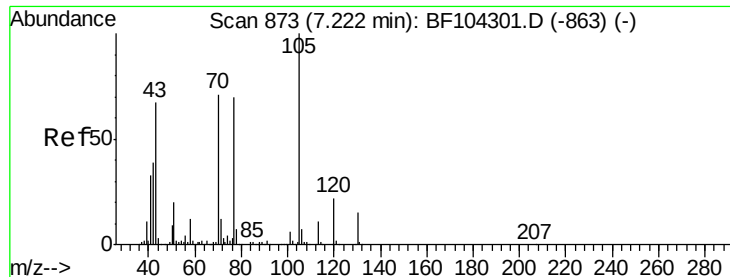


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

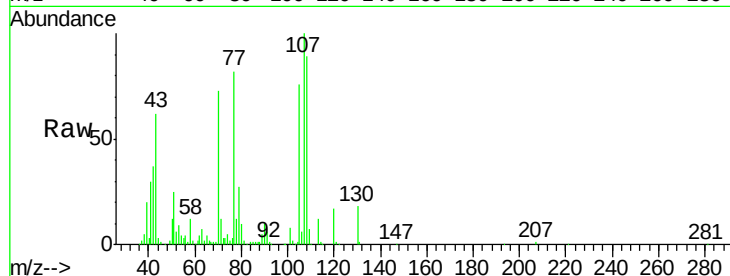




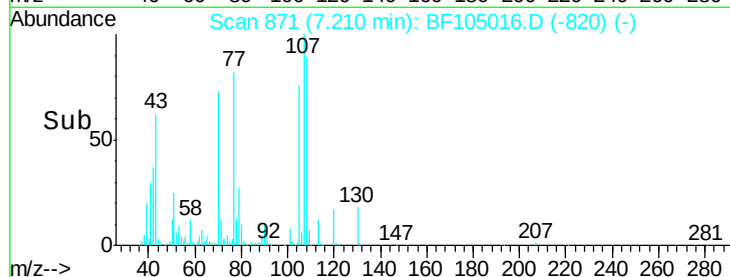
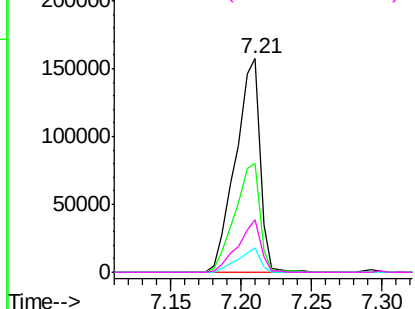
#19
n-Nitroso-di-n-propylamine
Concen: 28.759 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

Tgt Ion: 70 Resp: 190541
Ion Ratio Lower Upper
70 100
42 50.8 47.5 71.3
101 11.1 7.4 11.2
130 24.3 16.6 25.0



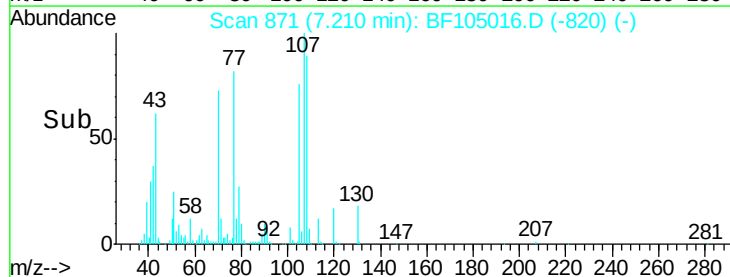
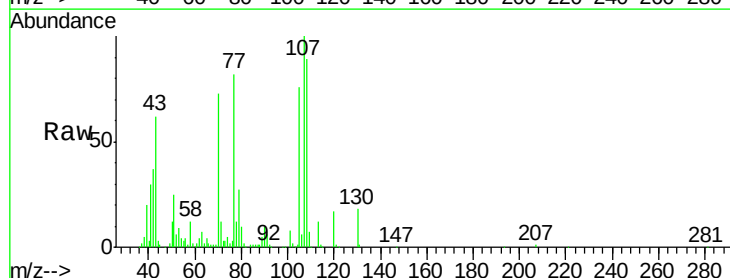
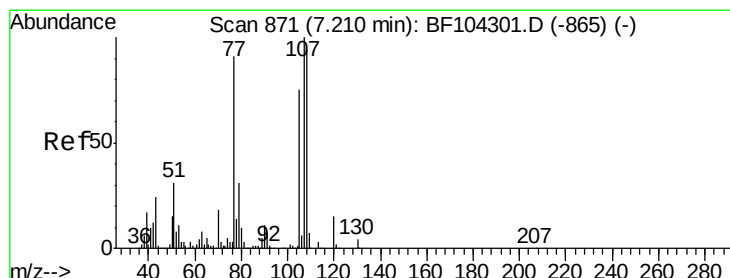
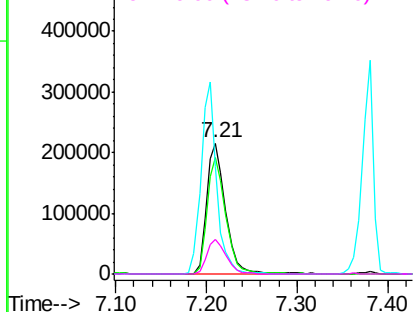
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

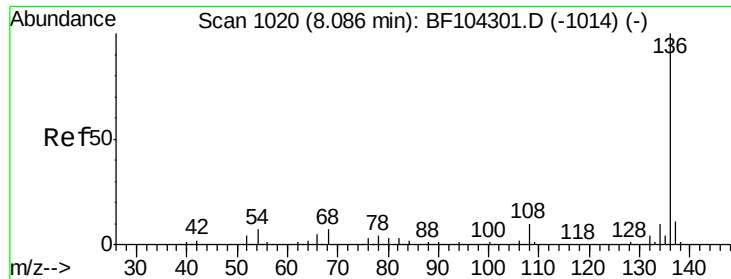


#20
3+4-Methylphenols
Concen: 33.118 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:107 Resp: 310972
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 81.9 26.7 66.7#
79 26.9 6.3 46.3

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

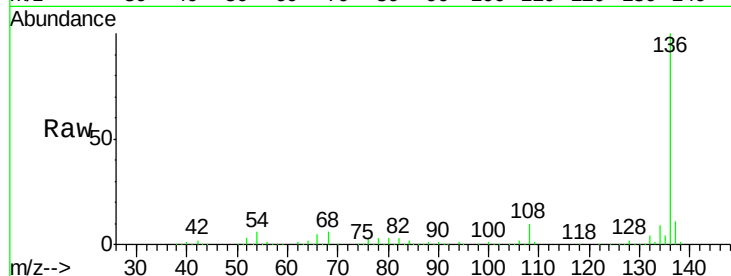




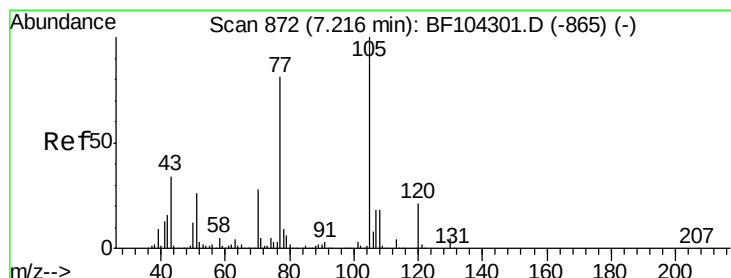
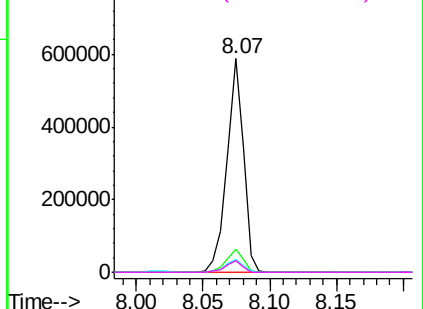
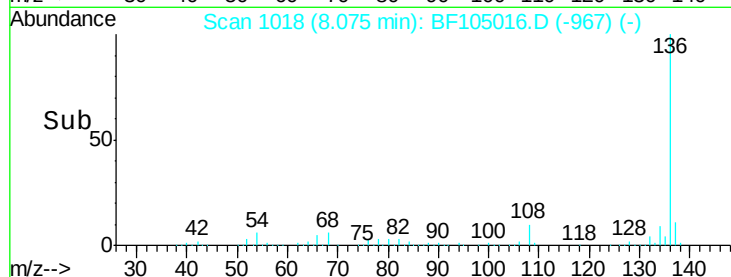
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

Tgt Ion:	136	Resp:	520448
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4

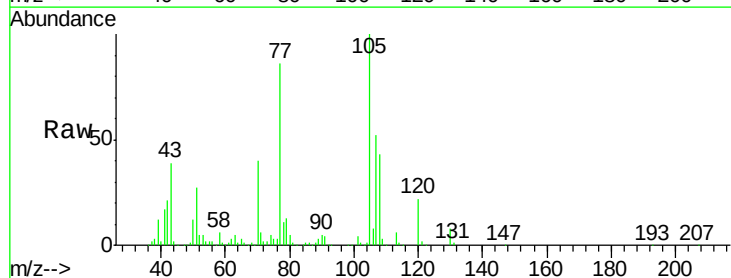


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

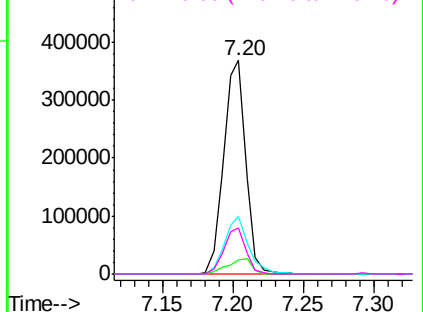
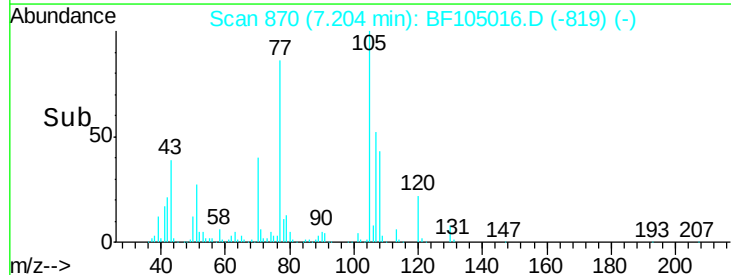


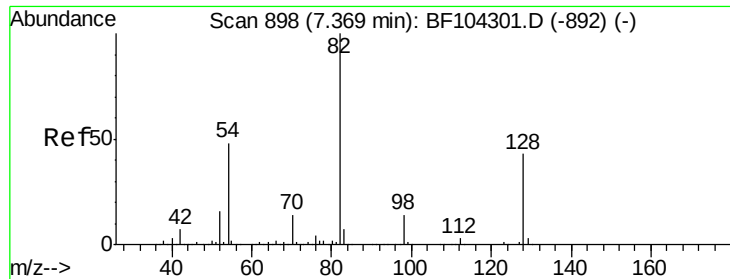
#22
Acetophenone
Concen: 31.258 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:	105	Resp:	400511
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.4	6.6
51	26.7	22.3	33.5
120	21.6	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

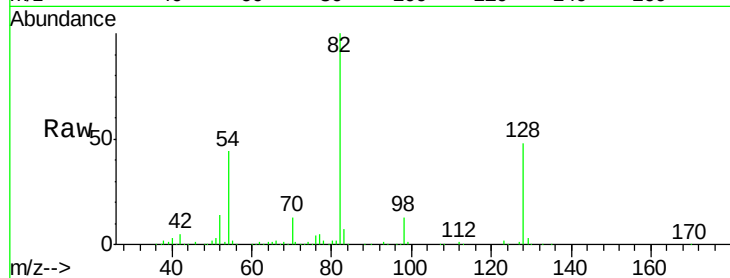




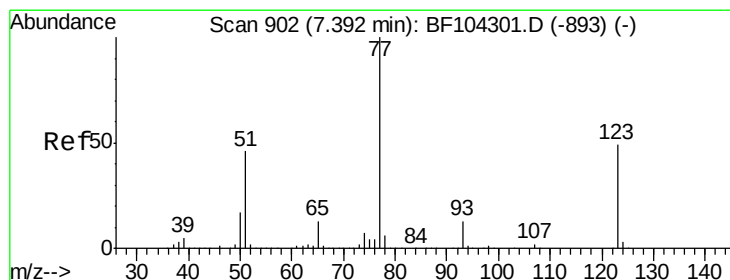
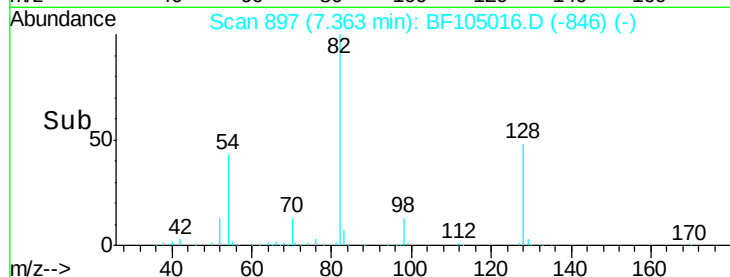
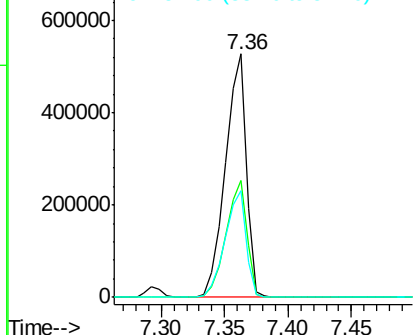
#23
 Nitrobenzene-d5
 Concen: 75.424 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	43.9	41.4	62.2

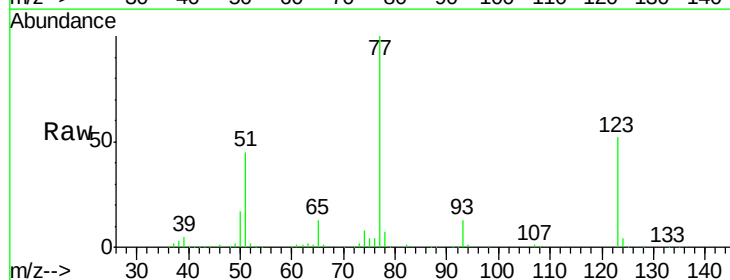


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

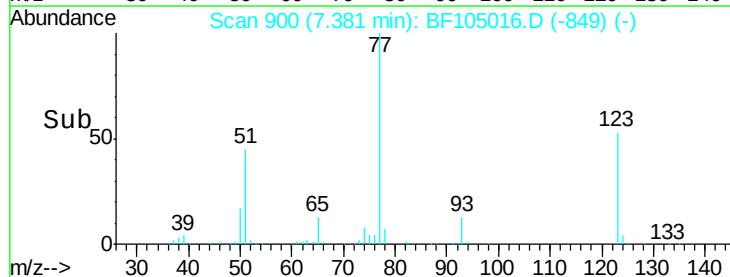
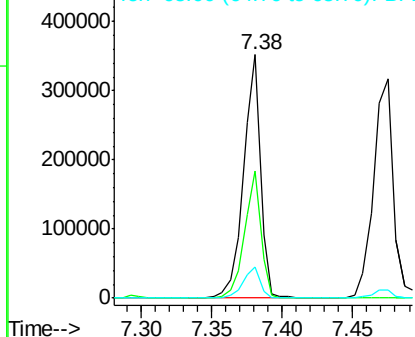


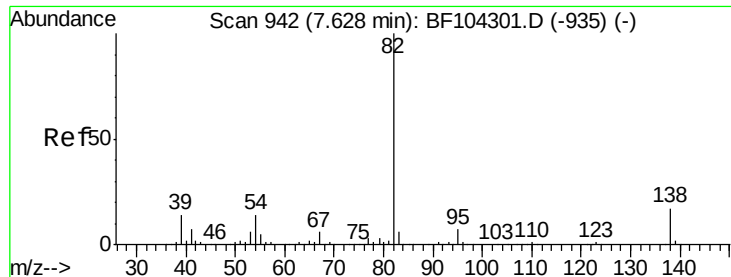
#24
 Nitrobenzene
 Concen: 33.560 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	37.9	56.9
65	13.0	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: 32.068 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

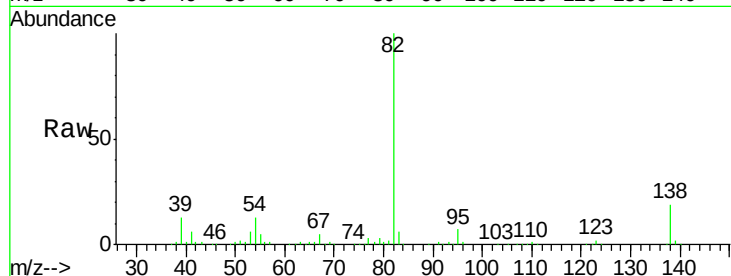
Tgt Ion: 82 Resp: 540487

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

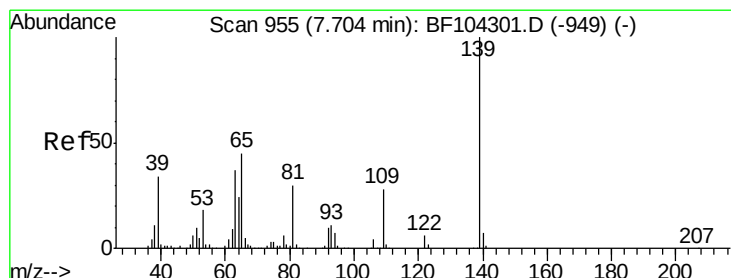
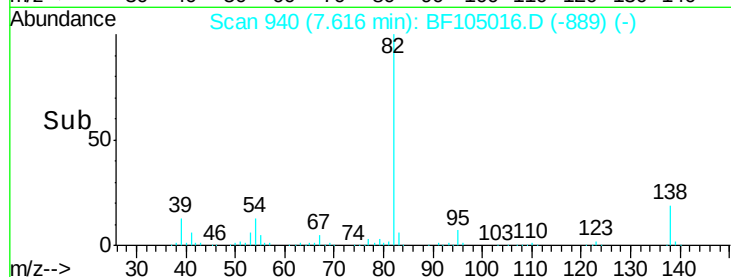
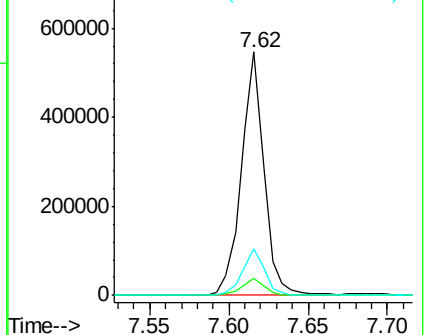
138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.418 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

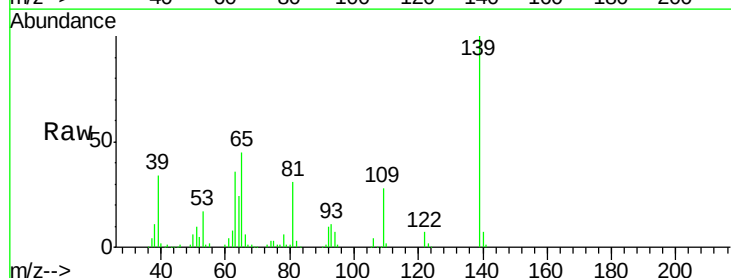
Tgt Ion: 139 Resp: 159125

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

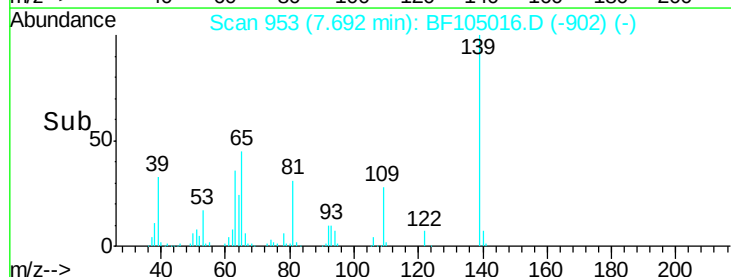
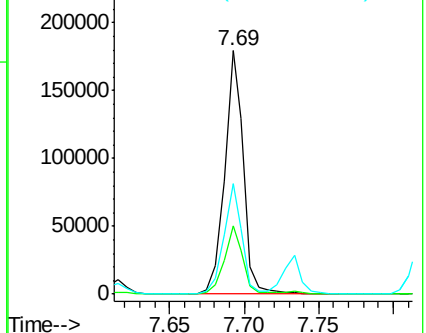
65 45.3 40.5 60.7

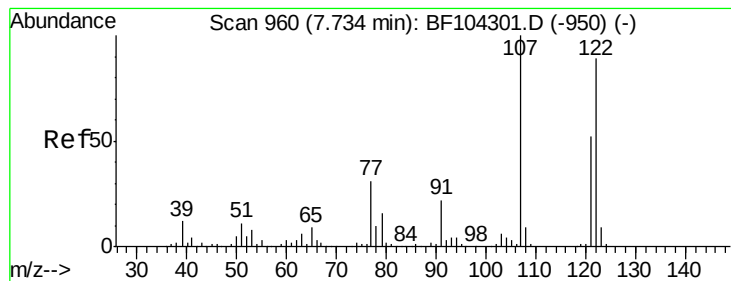


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.089 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

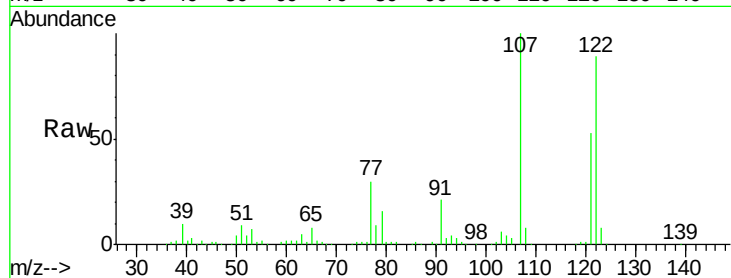
Tgt Ion:122 Resp: 261003

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

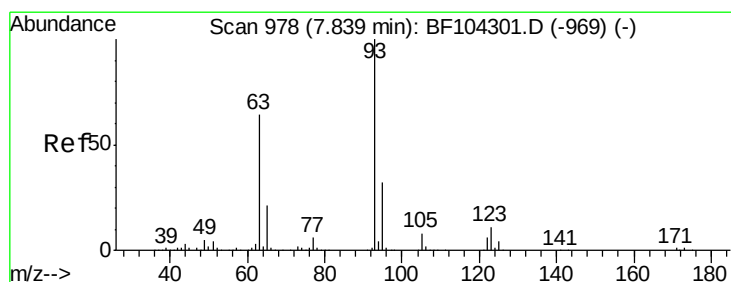
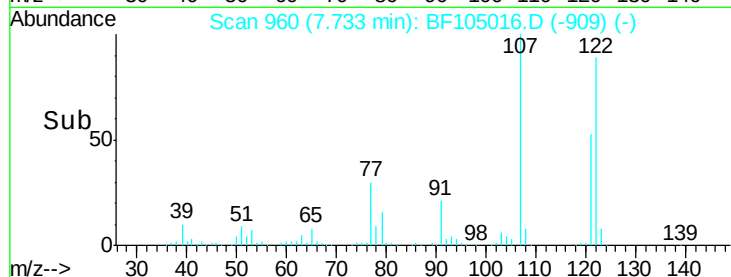
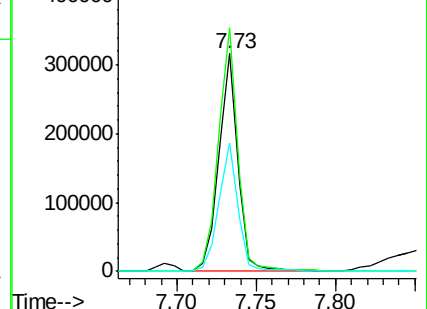
121 59.2 47.2 70.8



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: 34.123 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

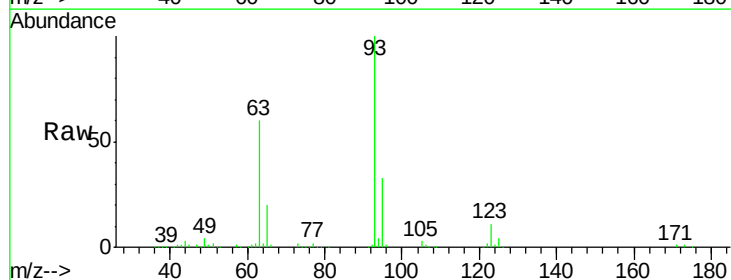
Tgt Ion: 93 Resp: 351640

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

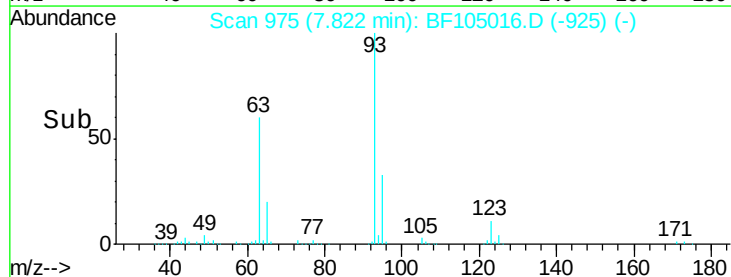
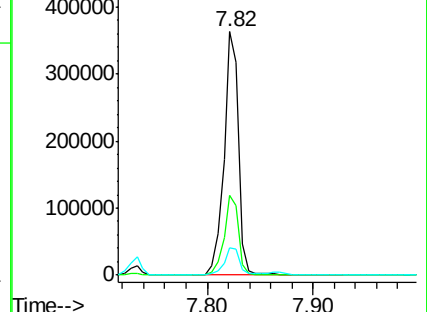
123 11.2 9.8 14.6

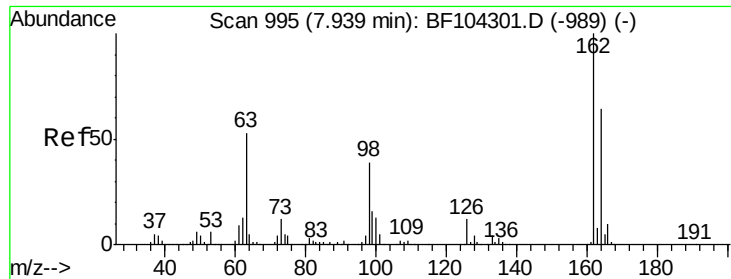


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

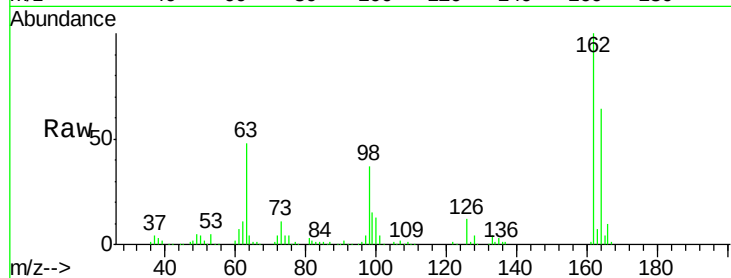




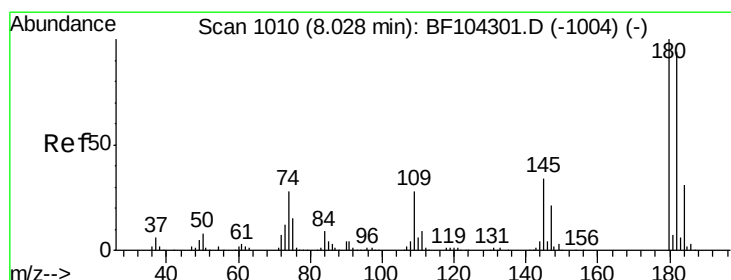
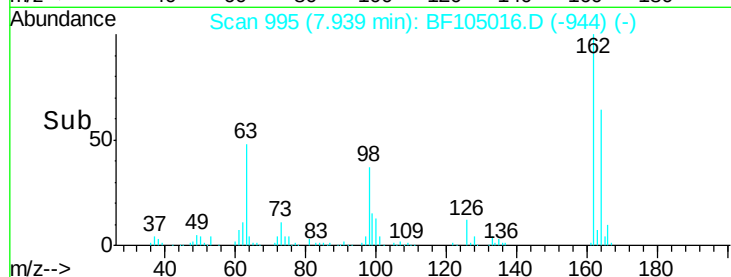
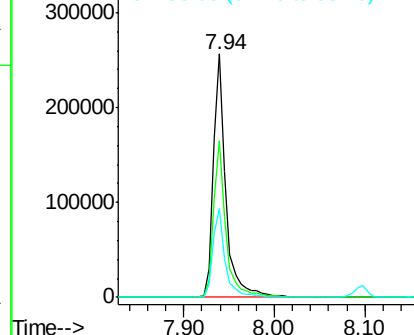
#29
 2,4-Dichlorophenol
 Concen: 35.495 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	36.6	18.1	58.1

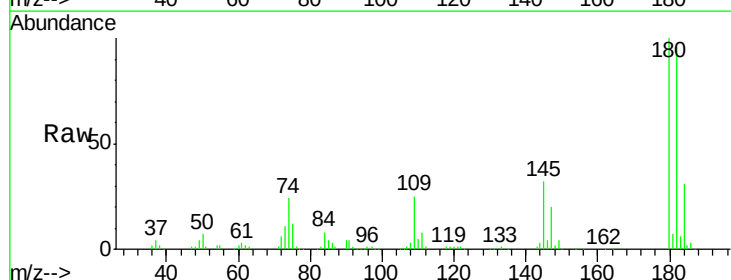


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

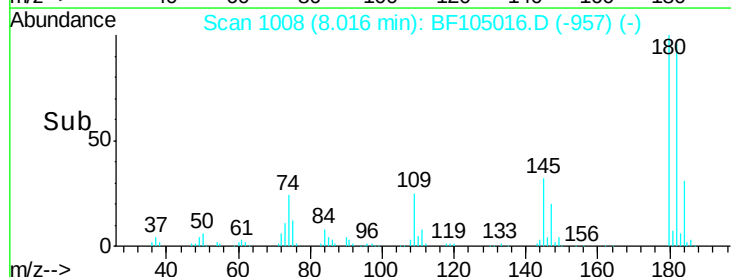
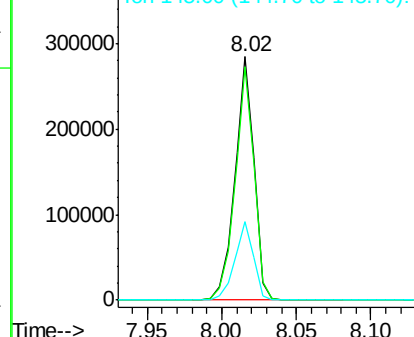


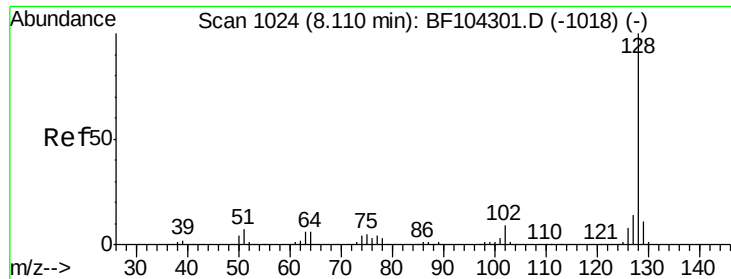
#30
 1,2,4-Trichlorobenzene
 Concen: 33.104 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	32.3	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

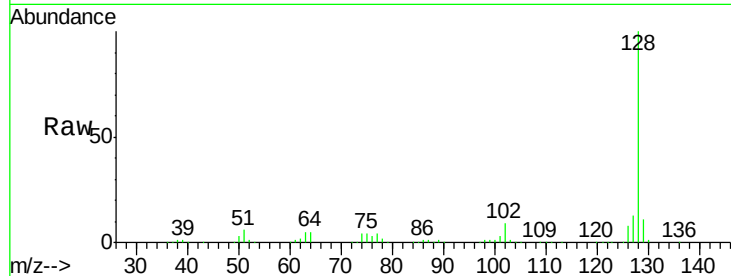




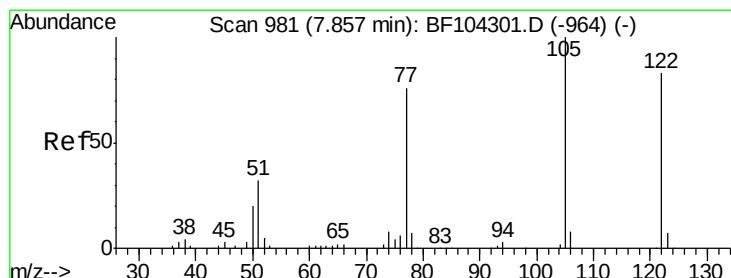
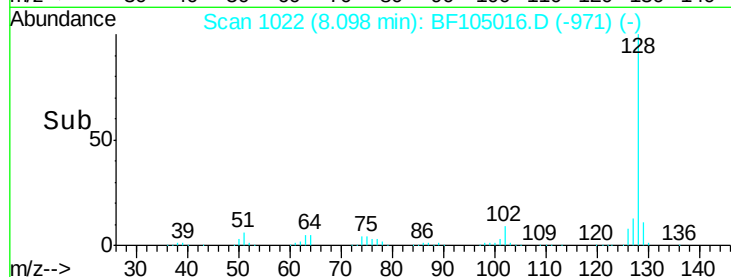
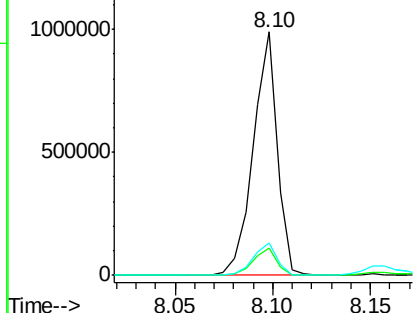
#31
Naphthalene
Concen: 32.651 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

Tgt Ion:128 Resp: 846171
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

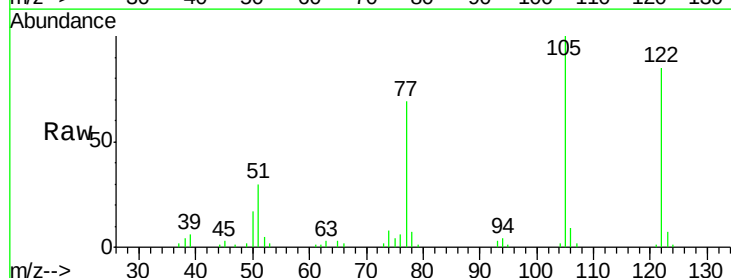


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

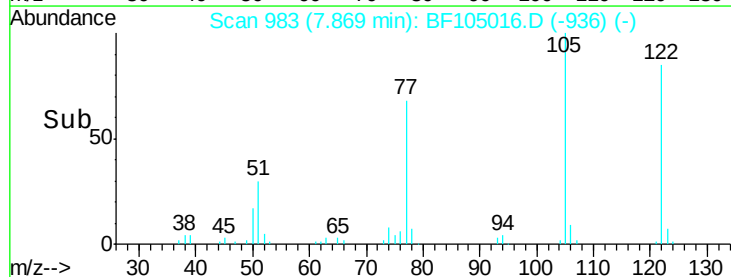
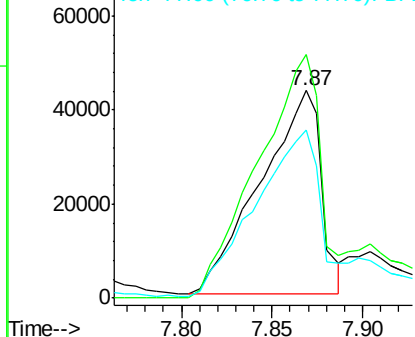


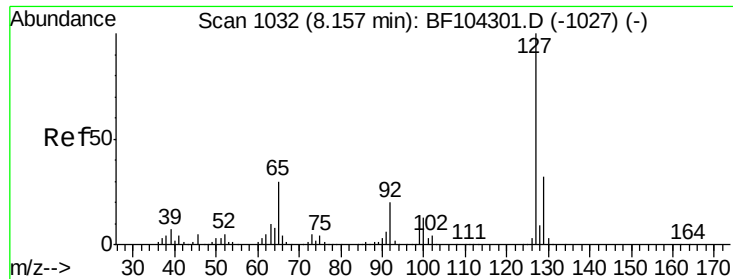
#32
Benzoic acid
Concen: 17.178 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:122 Resp: 101954
Ion Ratio Lower Upper
122 100
105 117.3 101.1 141.1
77 81.3 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

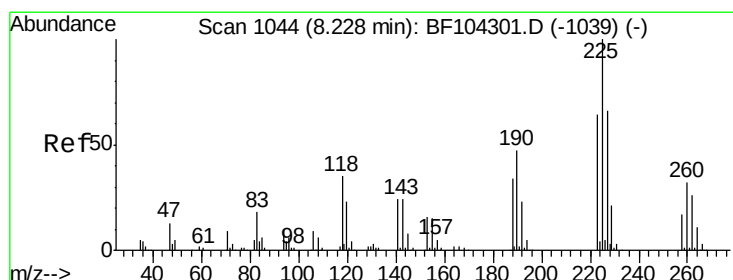
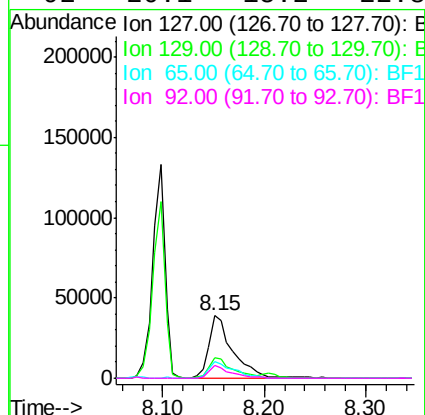
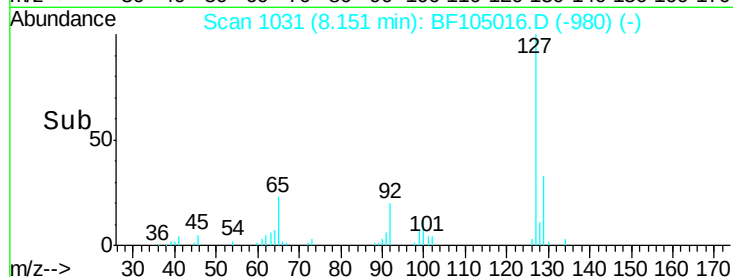
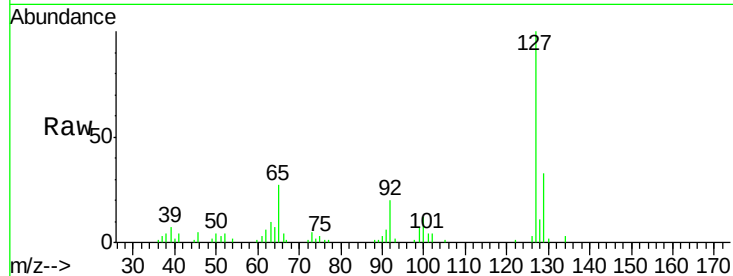




#33
4-Chloroaniline
Concen: 5.752 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

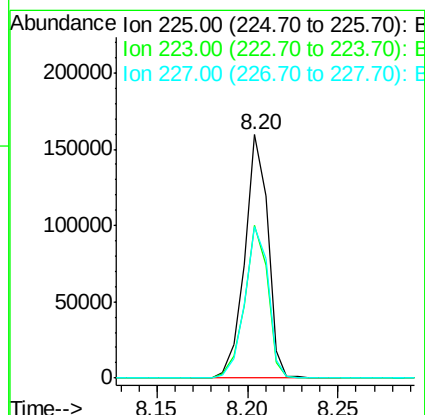
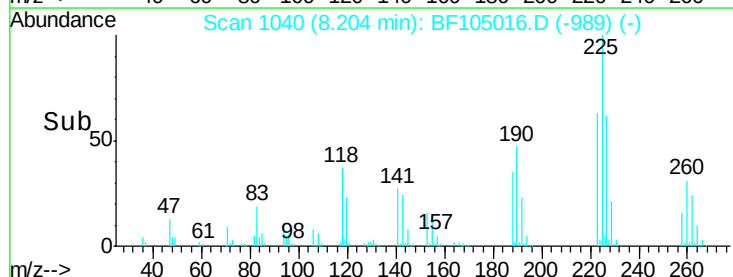
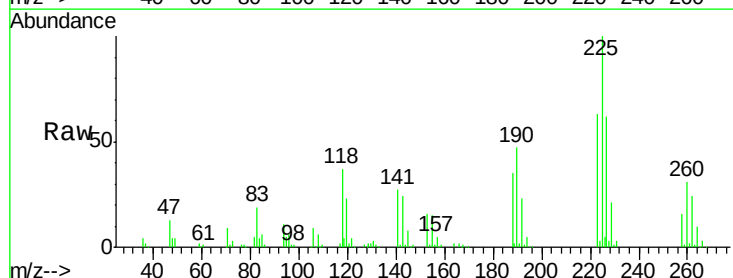
Instrument :
BNA_F
ClientSampleId :
PB108770BS

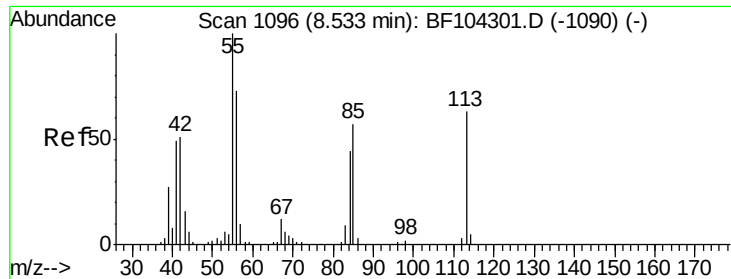
Tgt Ion:	127	Resp:	63862
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	26.8	25.0	37.4
92	20.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.076 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:	225	Resp:	141115
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.3	51.9	77.9

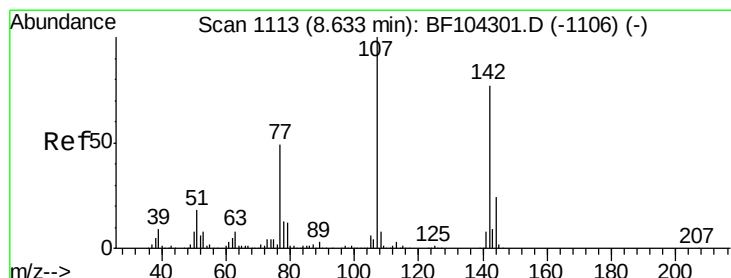
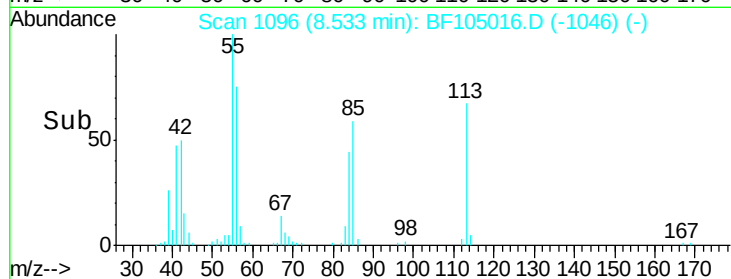
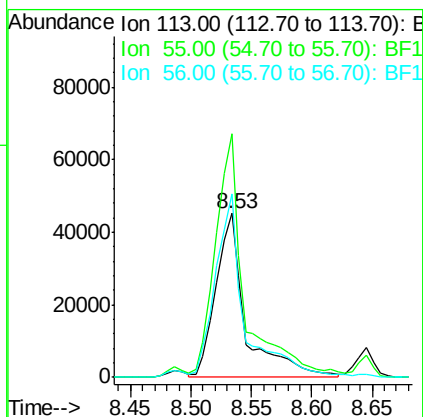
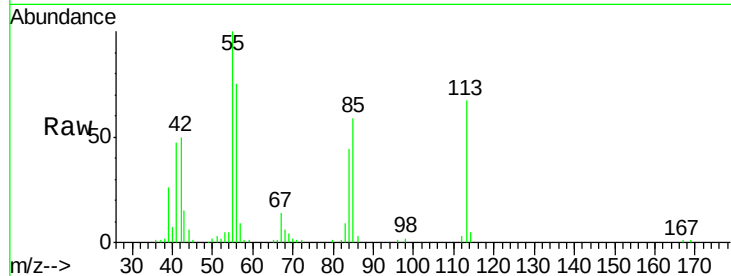




#35
 Caprolactam
 Concen: 31.510 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

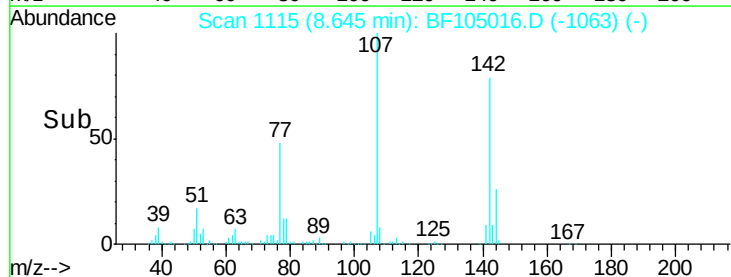
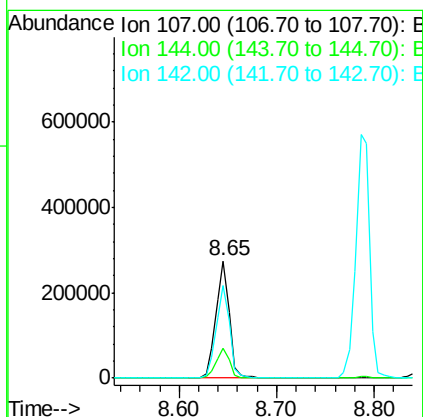
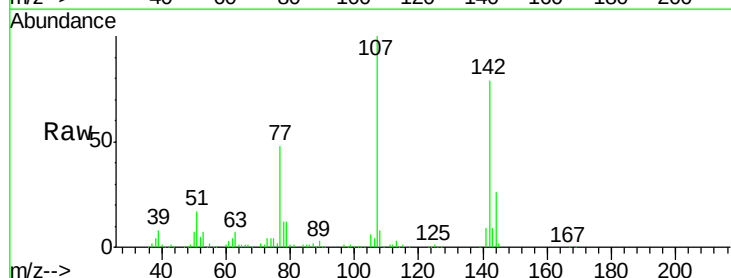
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

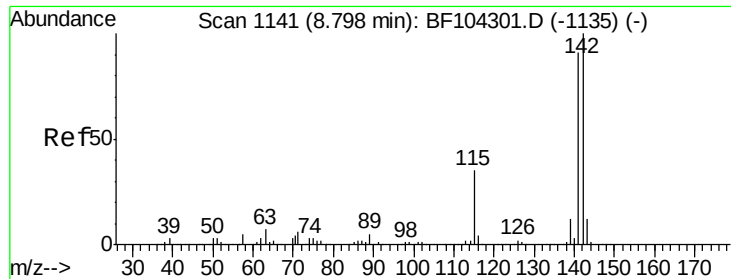
Tgt Ion:113 Resp: 78015
 Ion Ratio Lower Upper
 113 100
 55 148.5 163.3 203.3#
 56 111.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.550 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:107 Resp: 262935
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 79.2 62.0 93.0

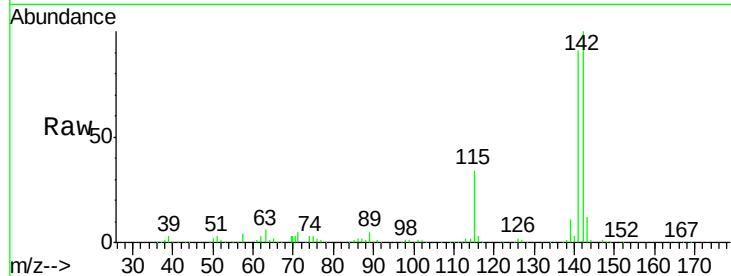




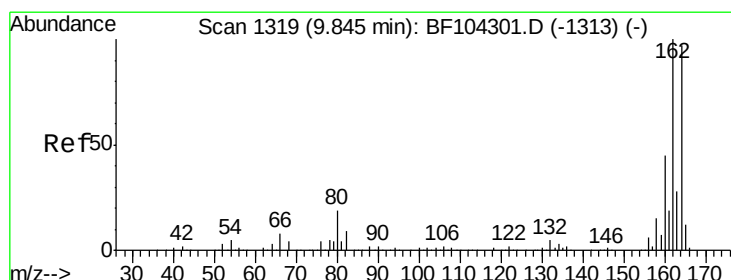
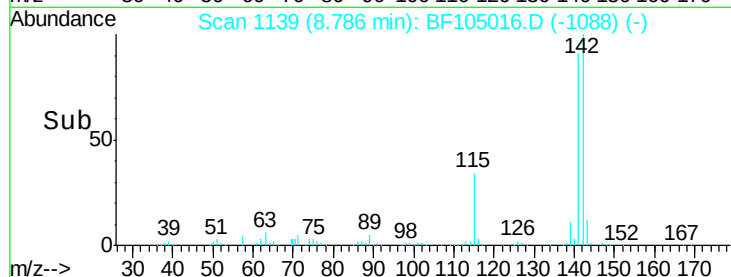
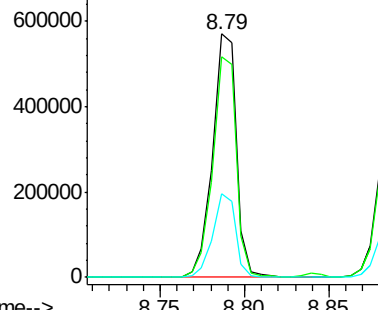
#37
2-Methylnaphthalene
Concen: 33.440 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	34.5	26.1	39.1

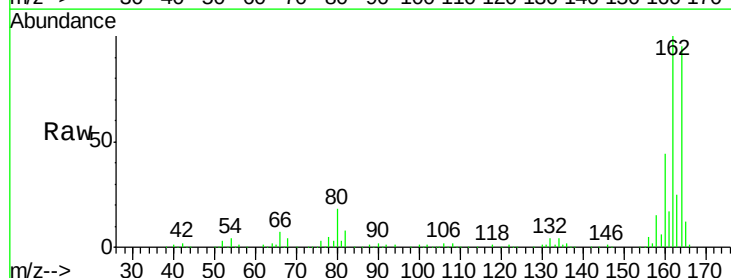


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

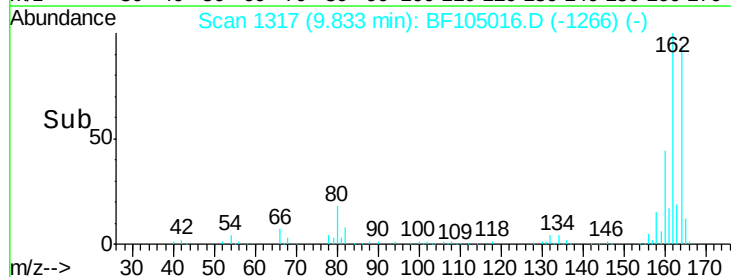
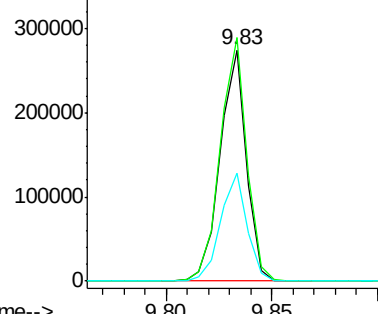


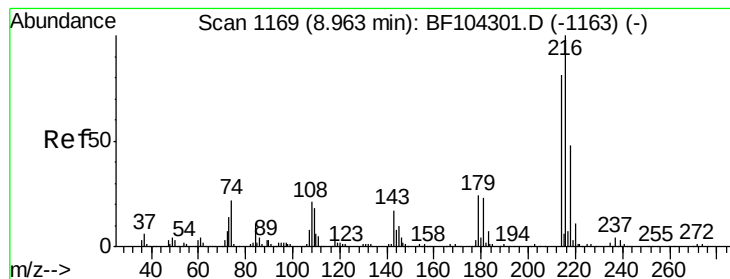
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt 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: 35.959 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

Tgt Ion:216 Resp: 242222

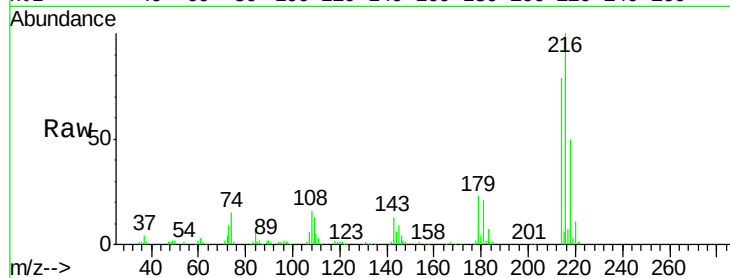
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.0 18.1 27.1

108 18.5 17.2 25.8

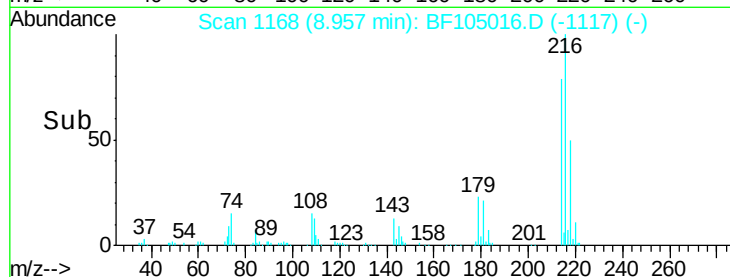


Abundance Ion 216.00 (215.70 to 216.70): E

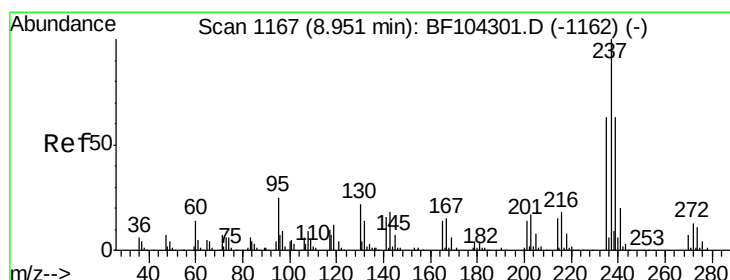
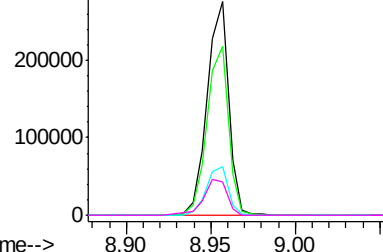
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 12.979 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

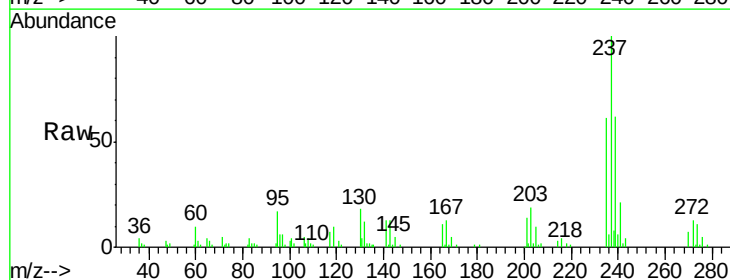
Tgt Ion:237 Resp: 48945

Ion Ratio Lower Upper

237 100

235 60.7 44.8 84.8

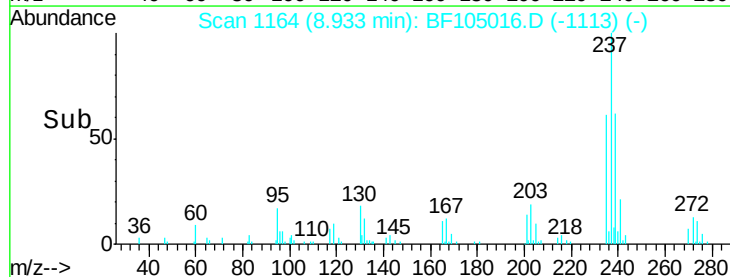
272 12.6 0.0 33.3



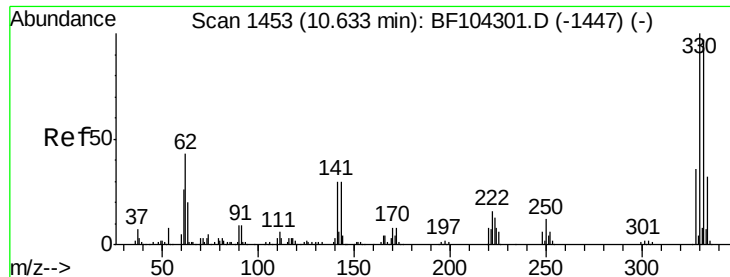
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



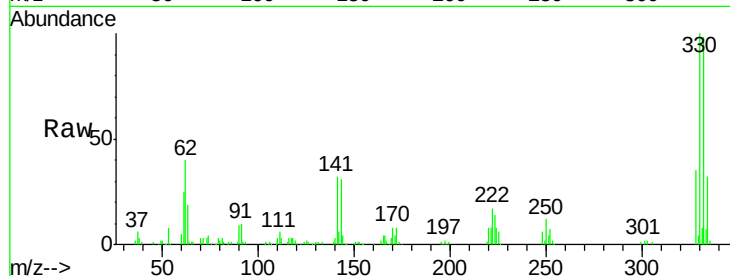
Time-->



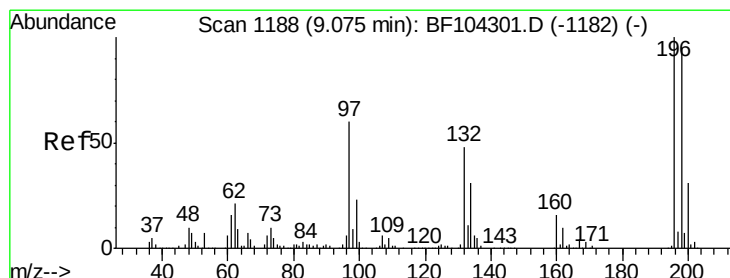
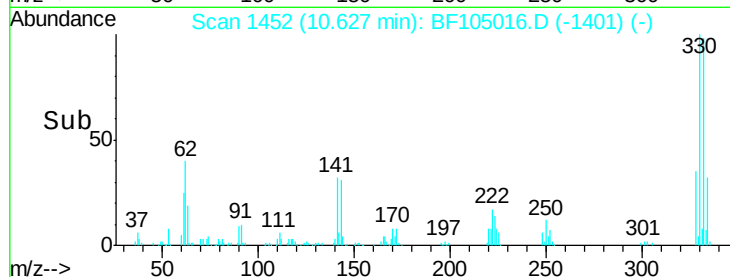
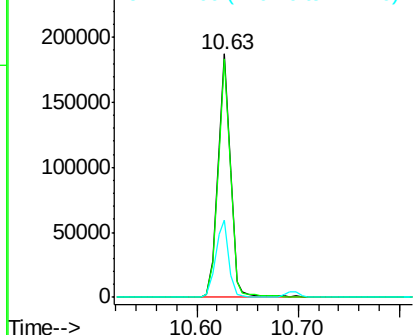
#41
 2,4,6-Tribromophenol
 Concen: 66.928 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Tgt Ion:330 Resp: 163372
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.6 29.9 44.9

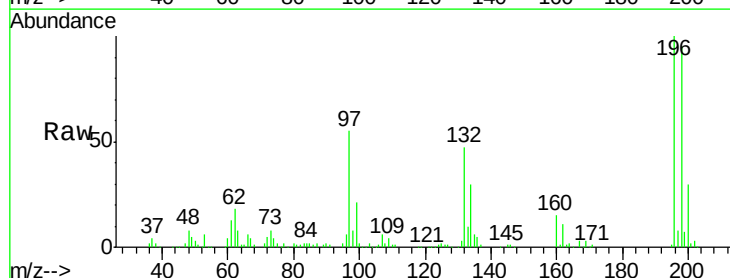


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

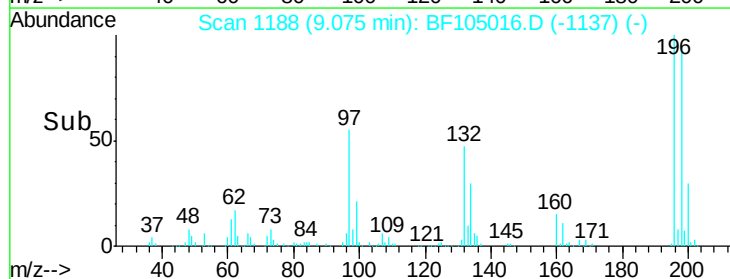
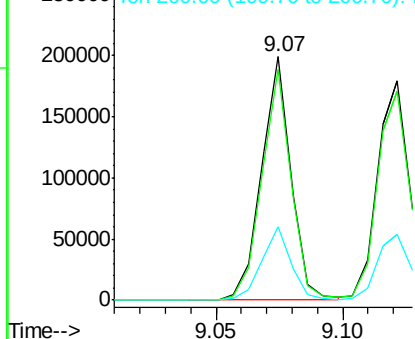


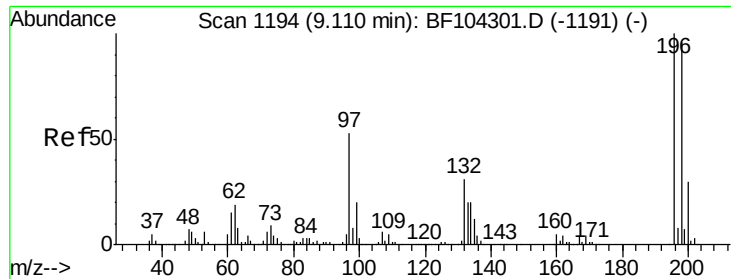
#42
 2,4,6-Trichlorophenol
 Concen: 34.681 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:196 Resp: 162173
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.3 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

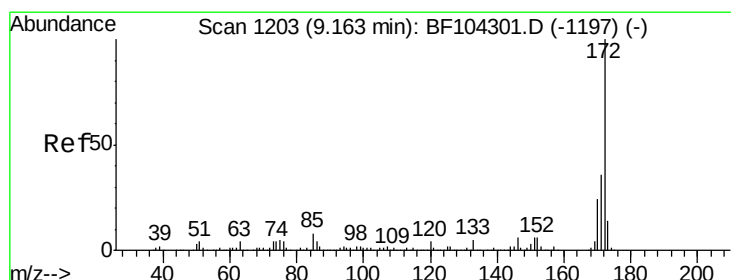
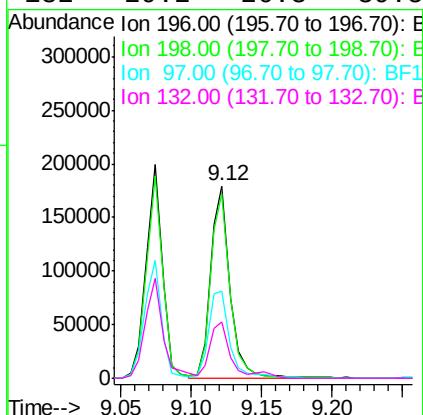
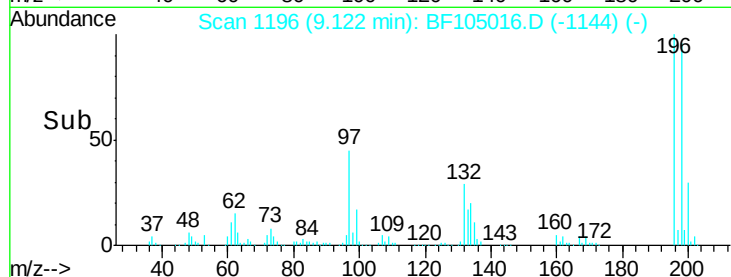
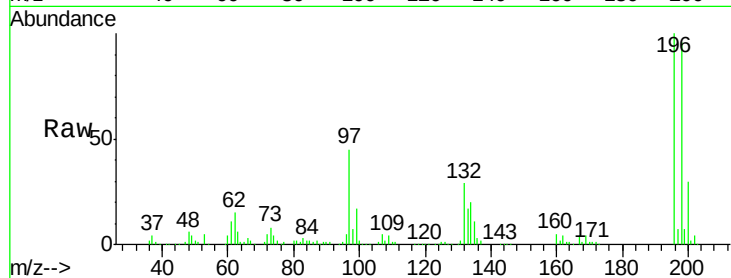




#43
 2,4,5-Trichlorophenol
 Concen: 32.360 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

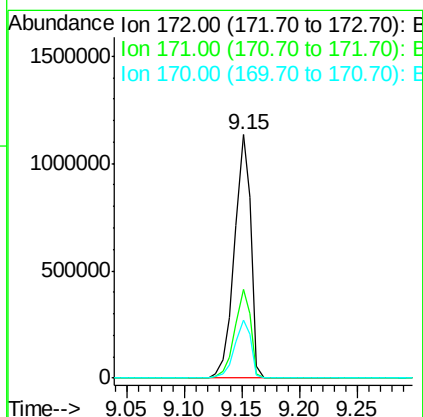
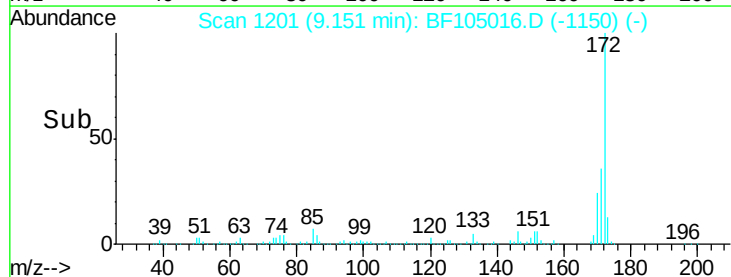
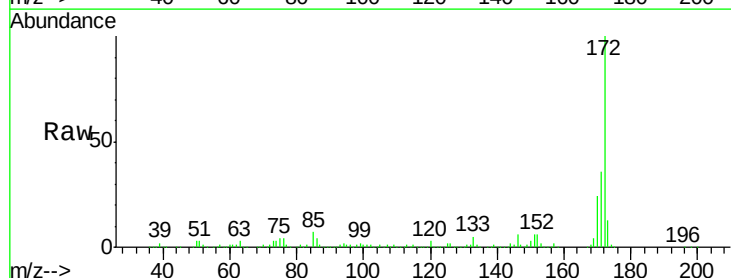
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

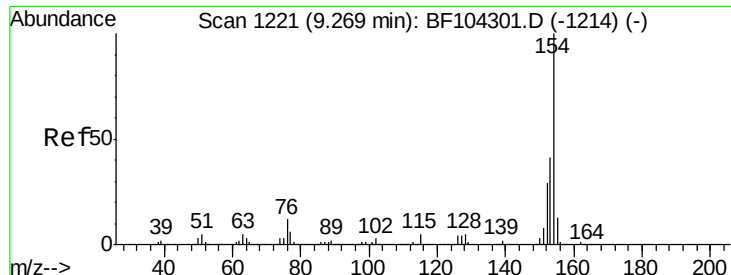
Tgt Ion:	196	Resp:	169334
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	45.3	42.9	64.3
132	29.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 74.454 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:	172	Resp:	1109053
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

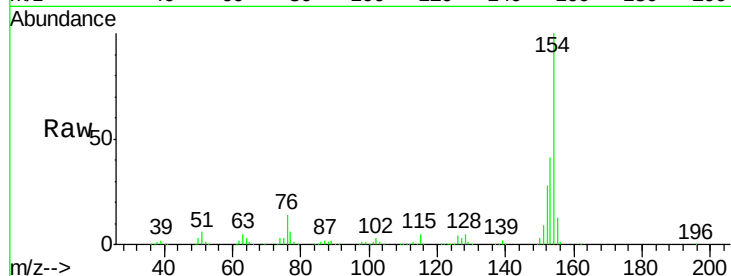




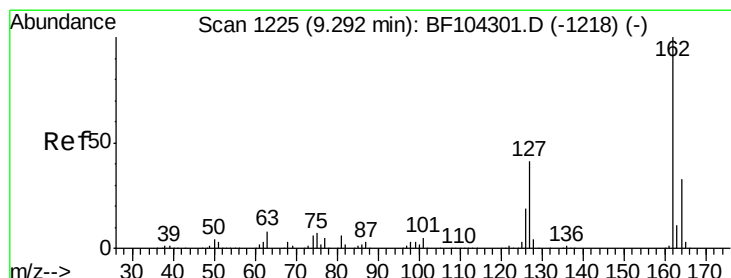
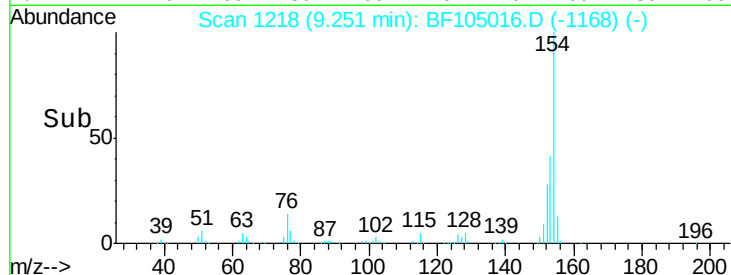
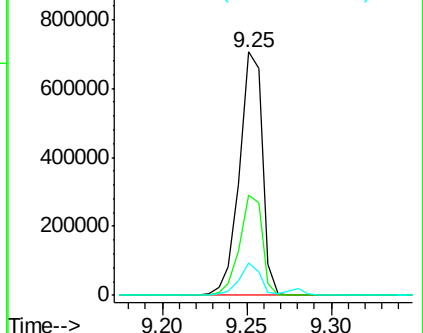
#45
 1,1'-Biphenyl
 Concen: 33.745 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Tgt Ion:154 Resp: 667078
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.6 0.0 34.0

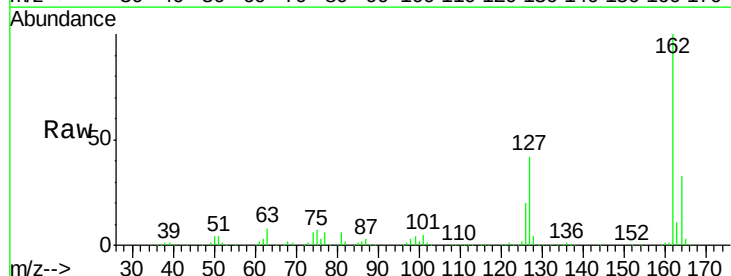


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

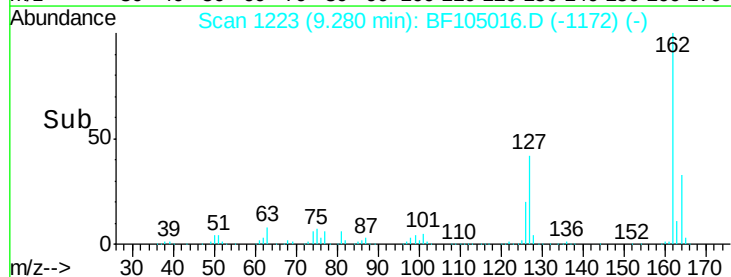
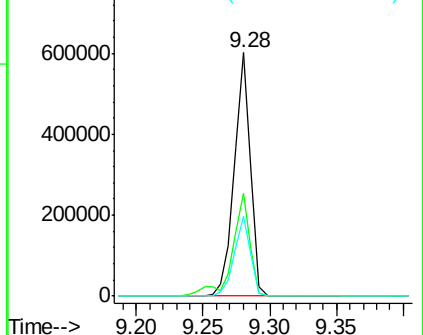


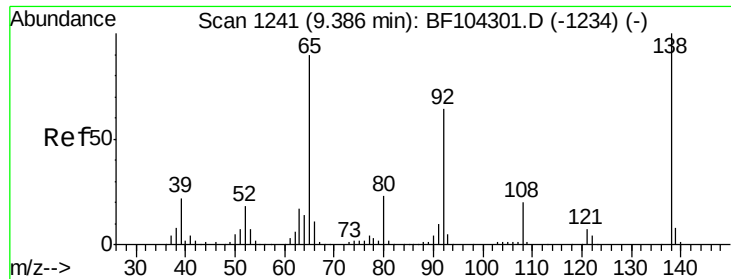
#46
 2-Chloronaphthalene
 Concen: 33.029 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:162 Resp: 515732
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.9 50.9
 164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

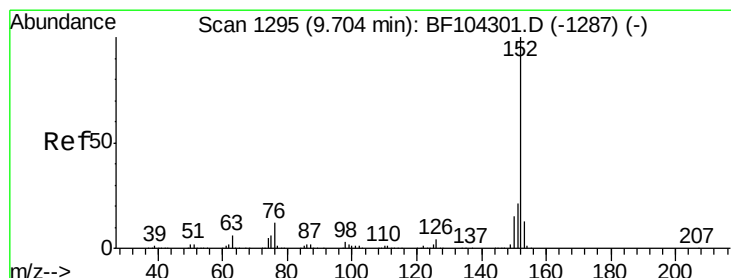
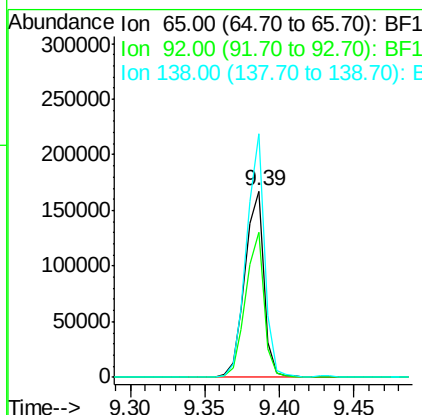
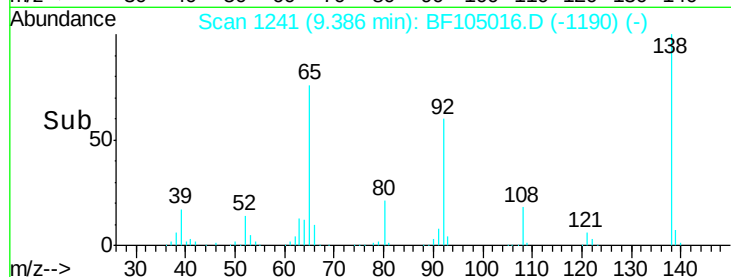
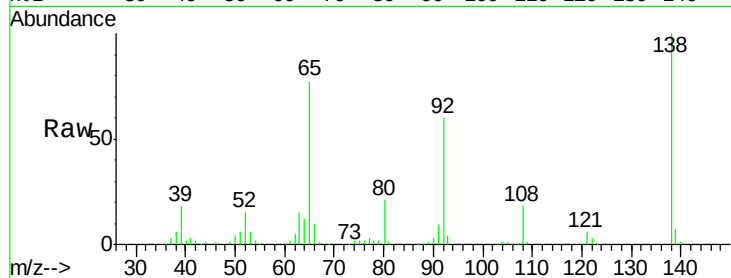




#47
 2-Nitroaniline
 Concen: 38.655 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

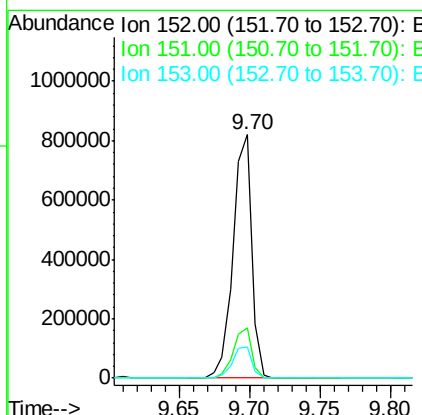
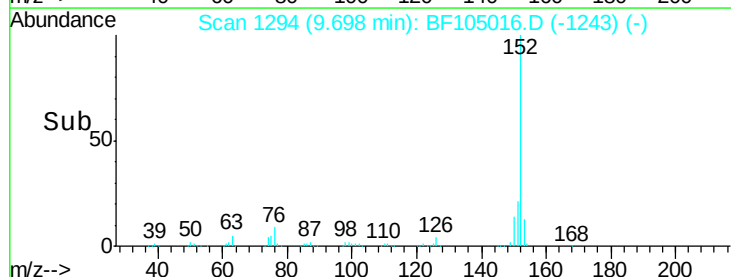
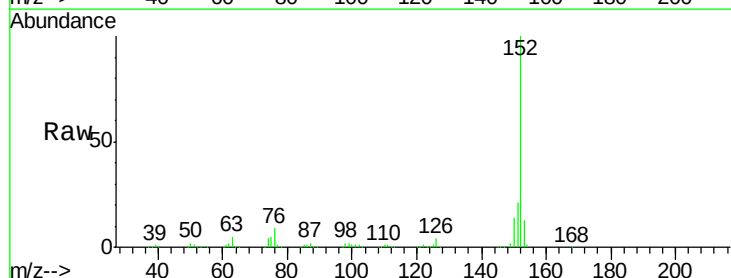
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

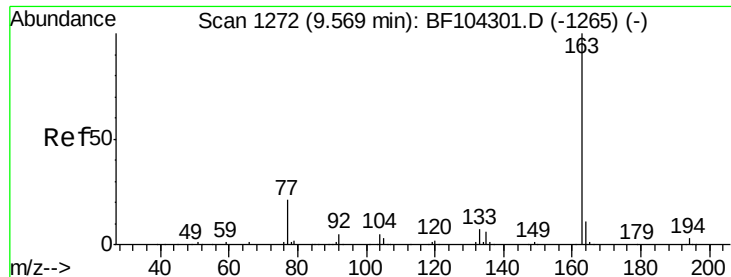
Tgt Ion: 65 Resp: 149264
 Ion Ratio Lower Upper
 65 100
 92 78.0 55.8 83.6
 138 130.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.839 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion: 152 Resp: 755516
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 12.8 10.7 16.1

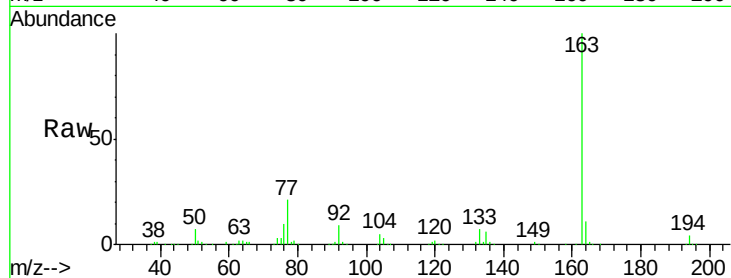




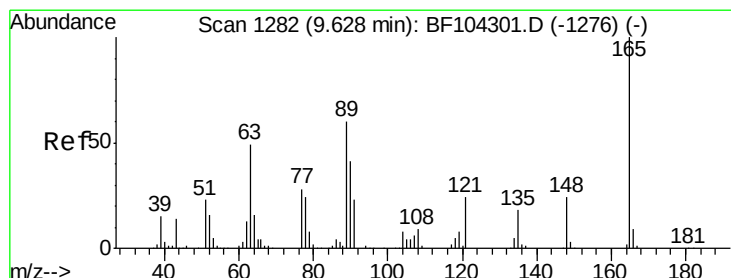
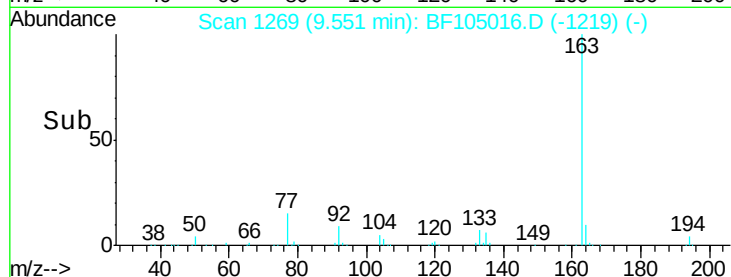
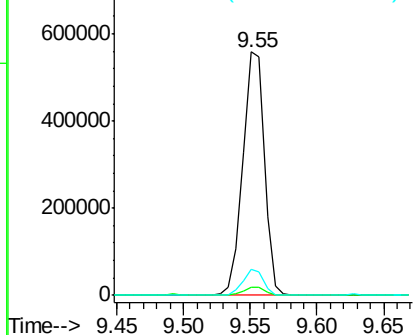
#49
Dimethylphthalate
Concen: 33.745 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Instrument :
BNA_F
ClientSampleId :
PB108770BS

Tgt Ion:163 Resp: 626198
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

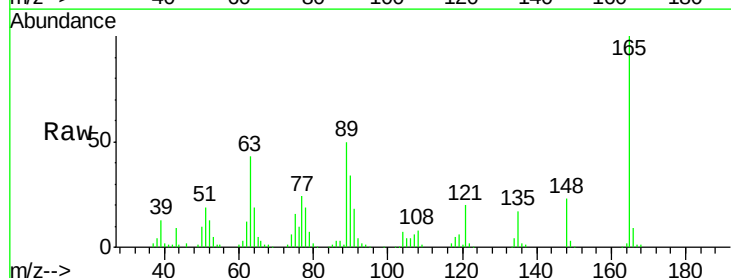


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

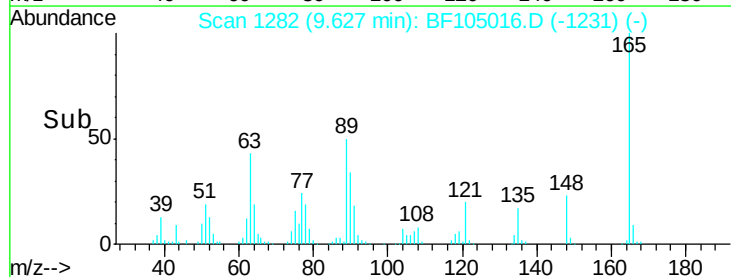
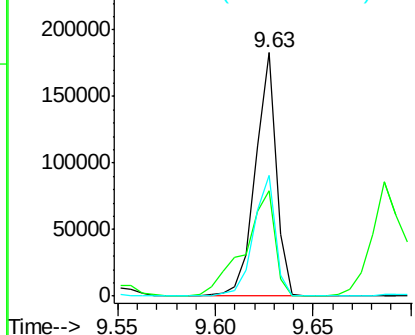


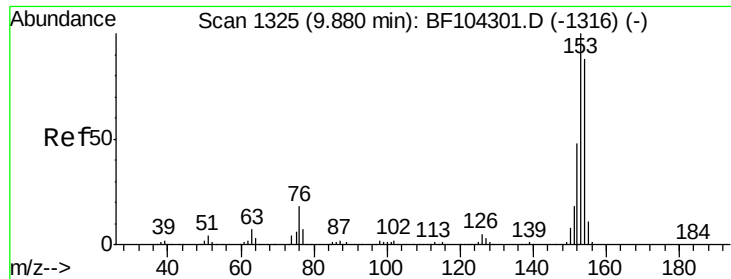
#50
2,6-Dinitrotoluene
Concen: 39.597 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:165 Resp: 135963
Ion Ratio Lower Upper
165 100
63 43.0 44.7 67.1#
89 49.7 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: 29.999 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

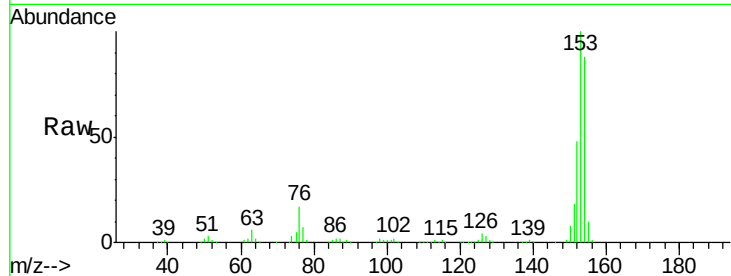
Tgt Ion:154 Resp: 448411

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

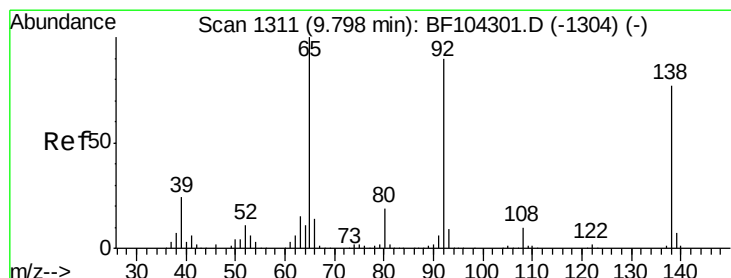
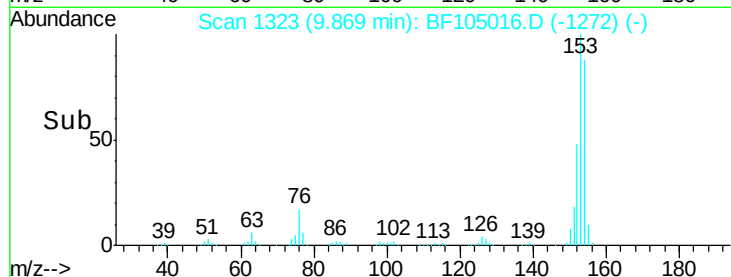
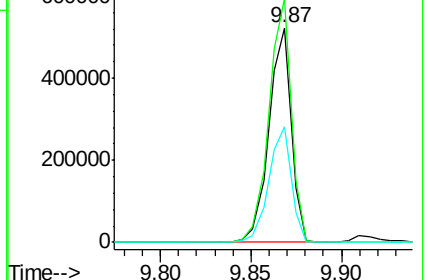
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.828 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

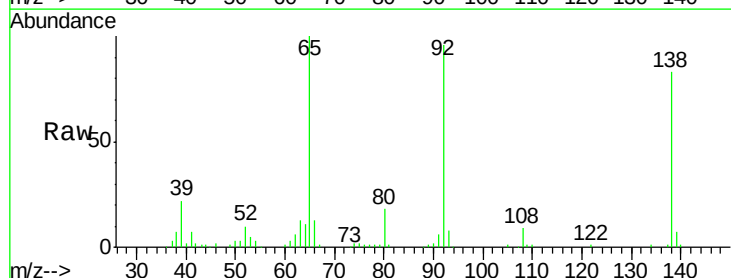
Tgt Ion:138 Resp: 59605

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

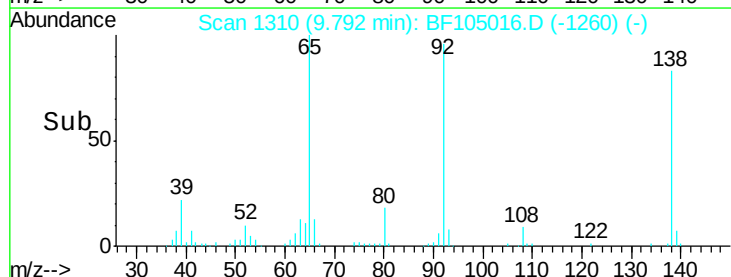
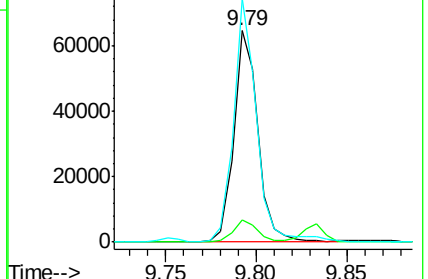
92 115.4 89.4 134.2

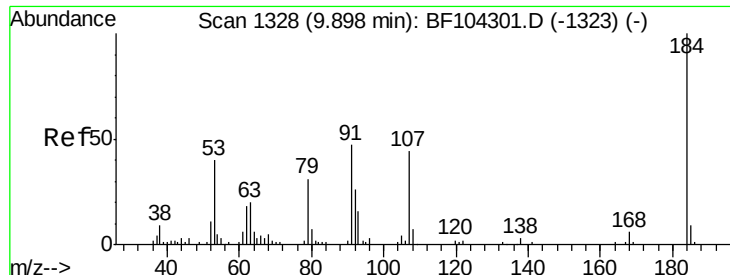


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

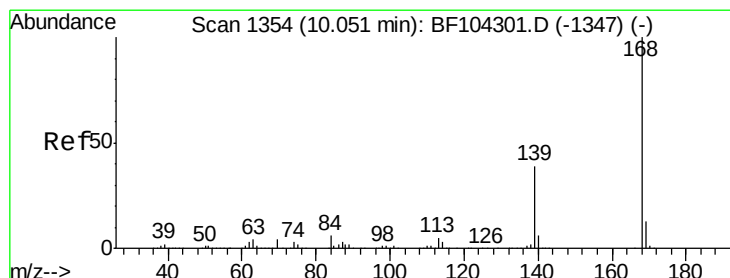
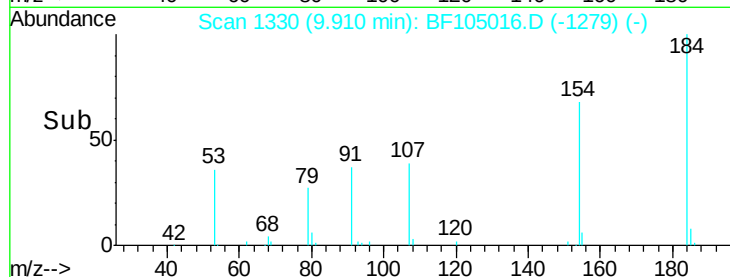
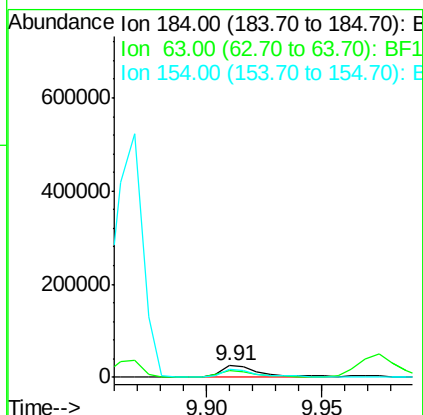
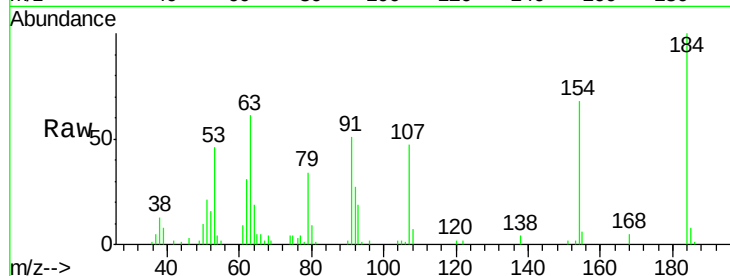




#53
 2,4-Dinitrophenol
 Concen: 31.652 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

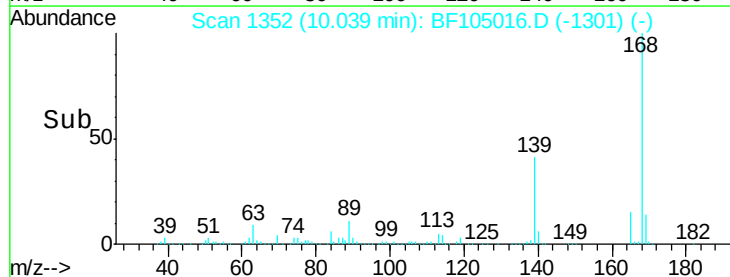
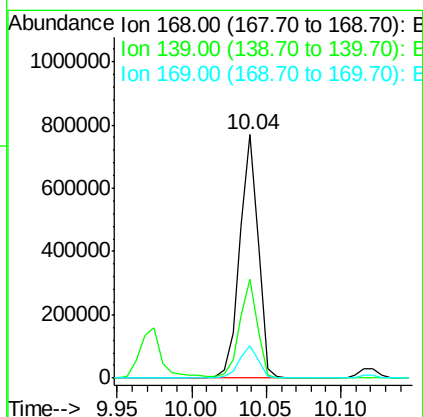
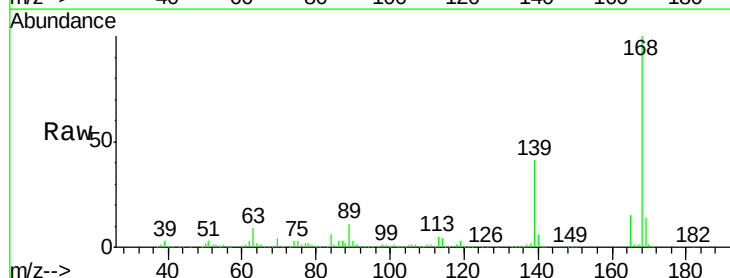
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

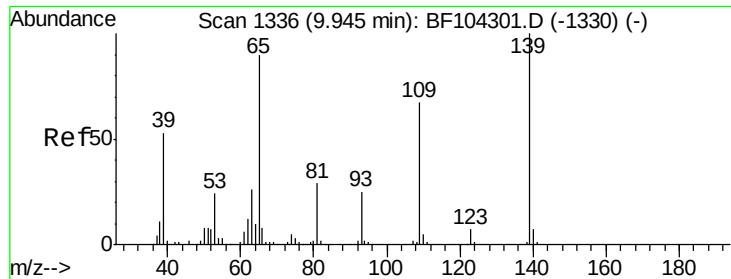
Tgt Ion:184 Resp: 30180
 Ion Ratio Lower Upper
 184 100
 63 60.7 54.2 81.2
 154 67.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 31.658 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:168 Resp: 659463
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.1 45.1
 169 13.5 10.9 16.3

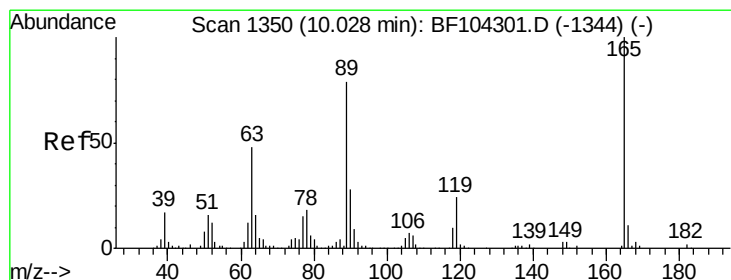
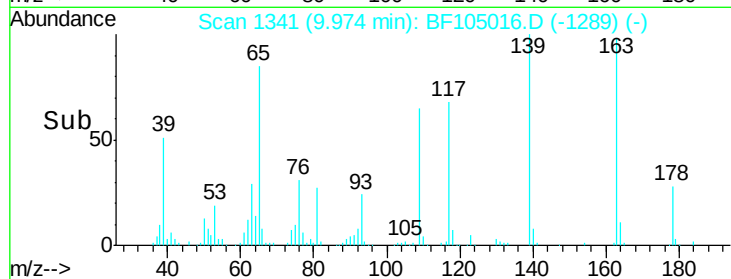
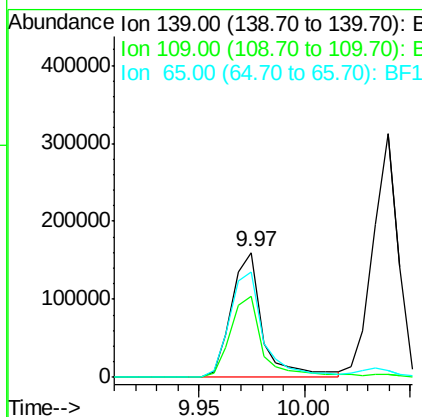
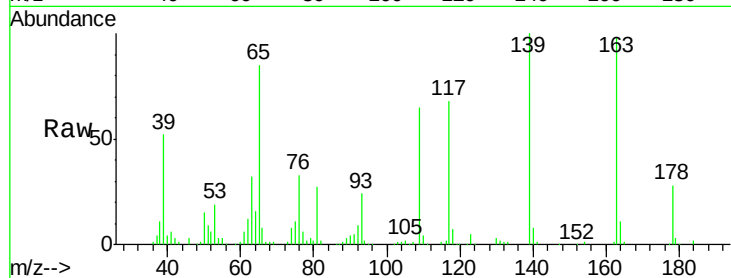




#55
4-Nitrophenol
Concen: 51.915 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

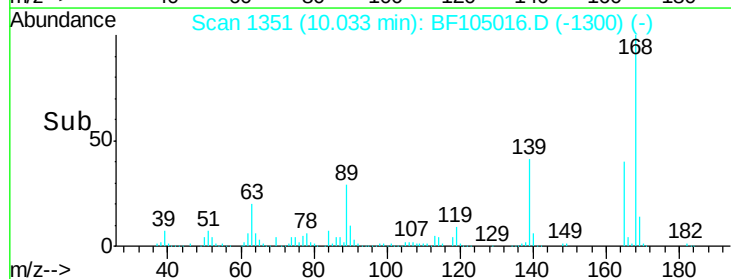
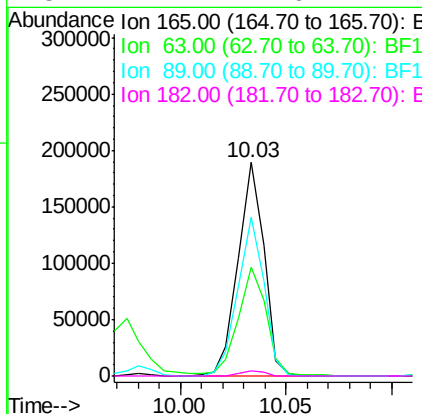
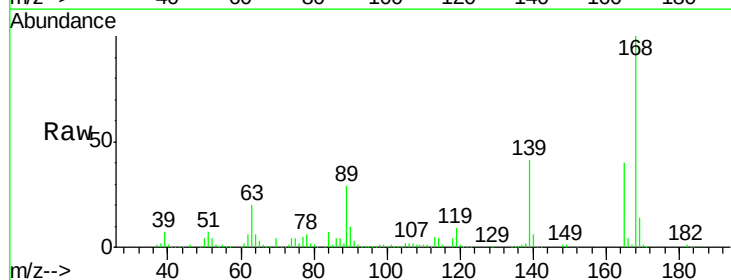
Instrument :
BNA_F
ClientSampleId :
PB108770BS

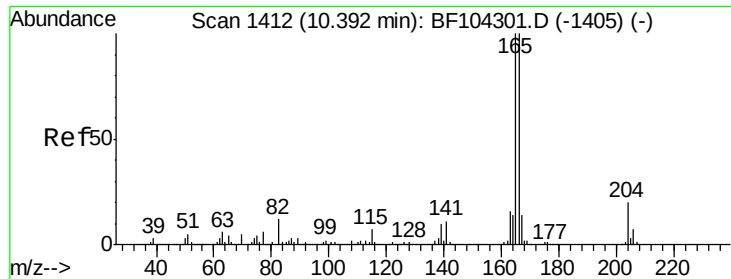
Tgt Ion:139 Resp: 163934
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 84.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.696 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:165 Resp: 160775
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 74.4 57.8 86.6
182 2.2 1.6 2.4

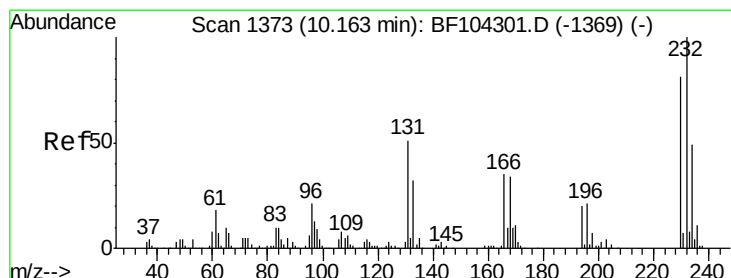
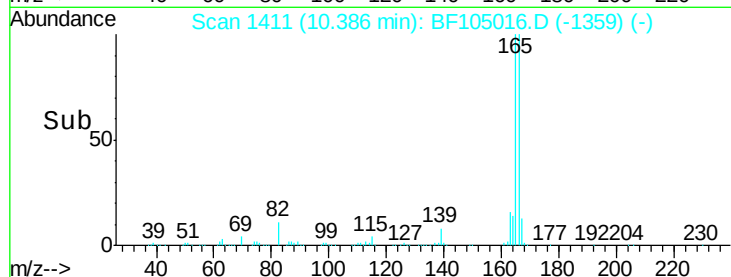
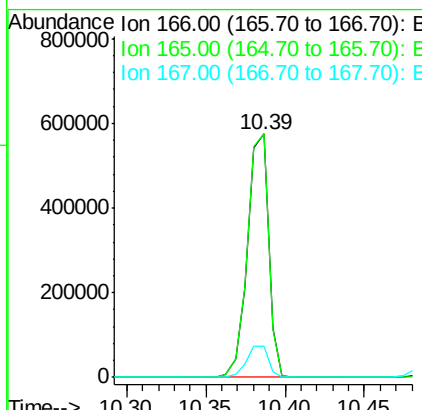
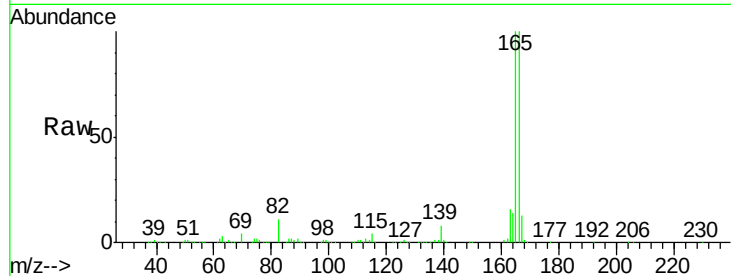




#57
 Fluorene
 Concen: 34.907 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

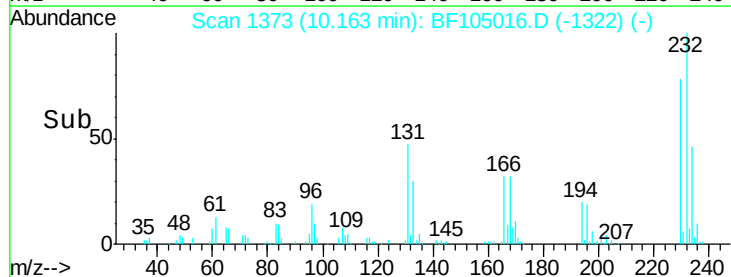
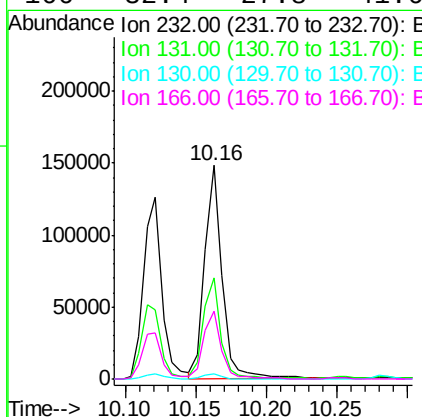
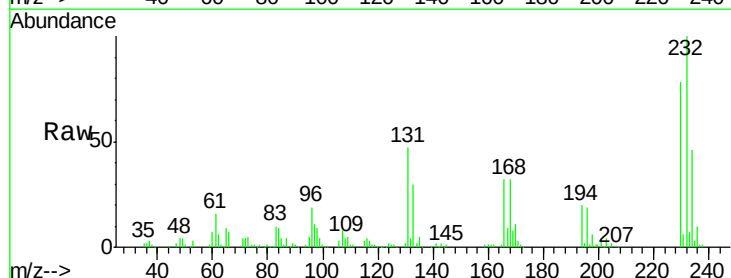
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

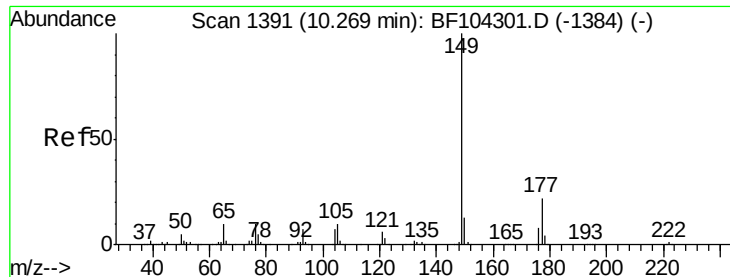
Tgt Ion:166 Resp: 529264
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.618 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:232 Resp: 127335
 Ion Ratio Lower Upper
 232 100
 131 47.3 43.8 65.8
 130 2.4 2.1 3.1
 166 32.4 27.8 41.6





#59

Diethylphthalate

Concen: 32.416 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

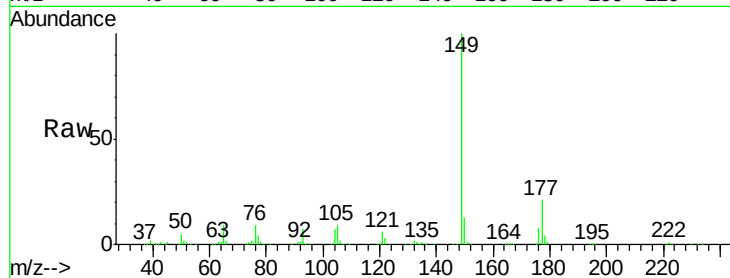
Tgt Ion:149 Resp: 599085

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

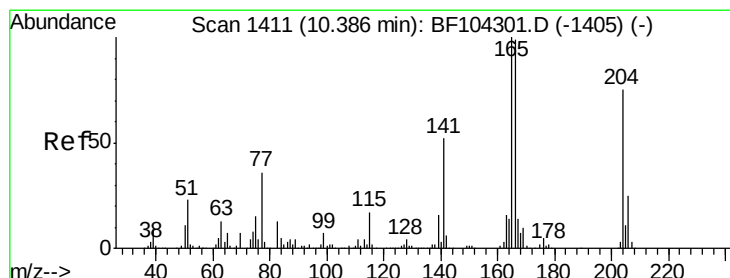
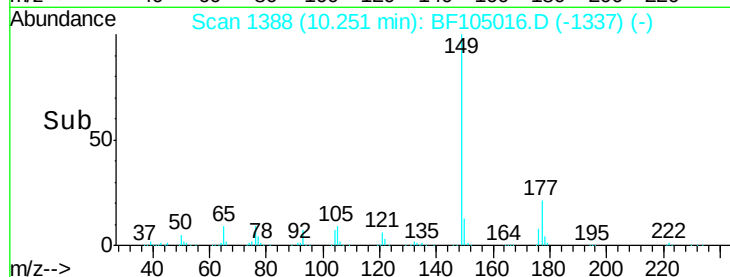
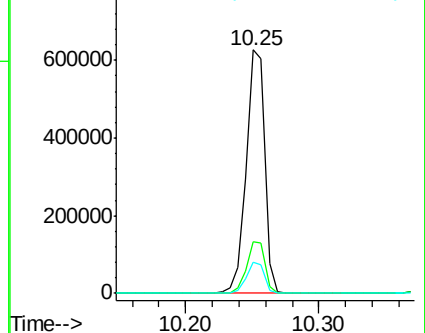
150 12.9 10.1 15.1



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: 37.424 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

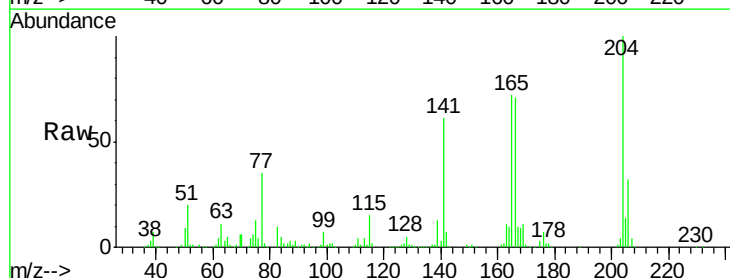
Tgt Ion:204 Resp: 252702

Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

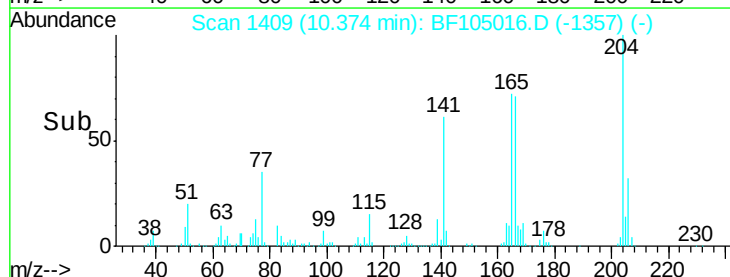
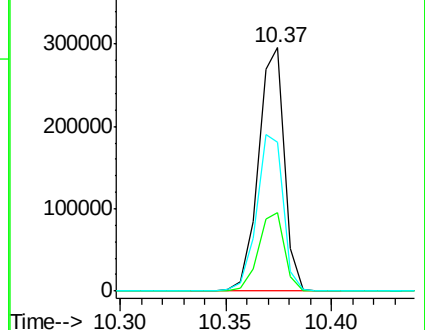
141 60.9 54.6 81.8

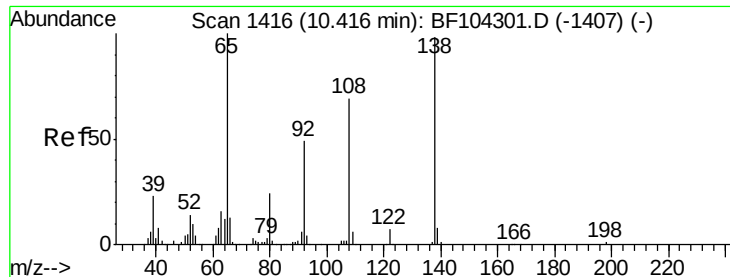


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

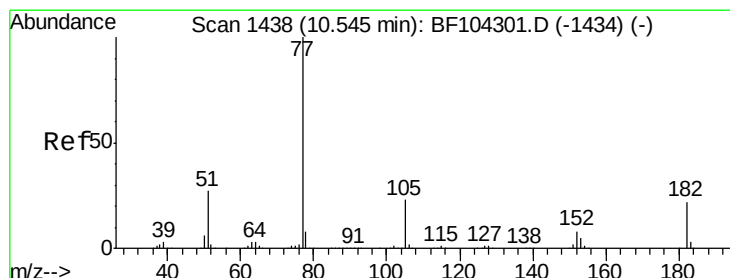
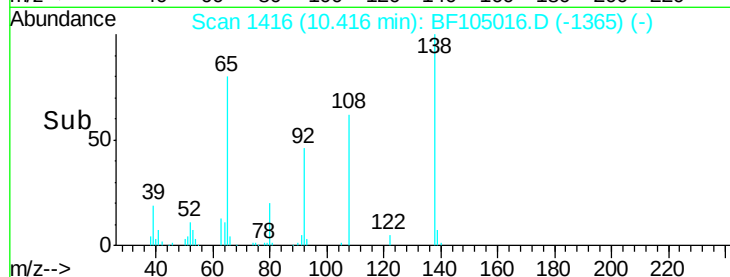
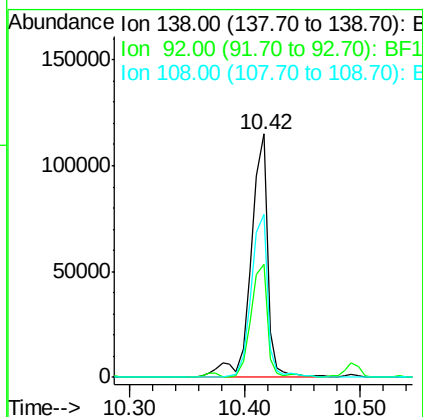
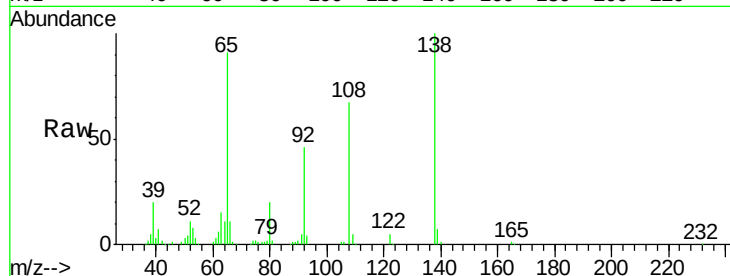




#61
4-Nitroaniline
Concen: 29.667 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

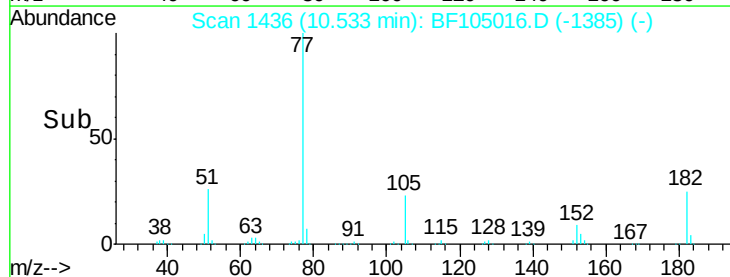
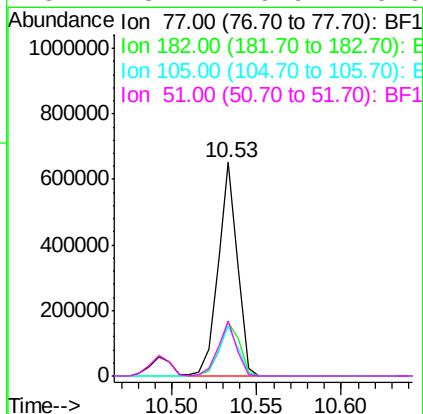
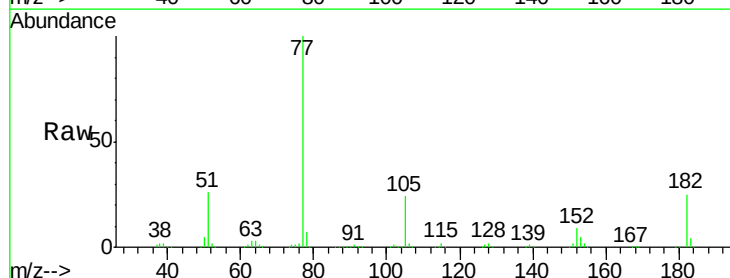
Instrument :
BNA_F
ClientSampleId :
PB108770BS

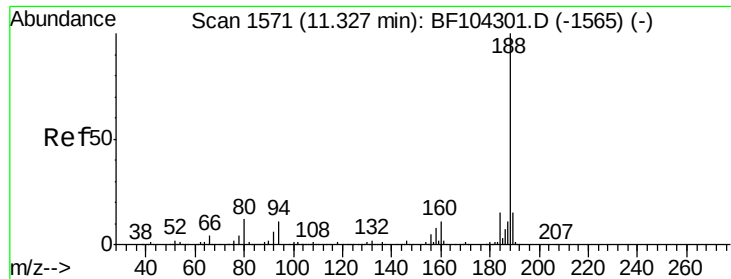
Tgt Ion: 138 Resp: 116604
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 29.217 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion: 77 Resp: 515869
Ion Ratio Lower Upper
77 100
182 25.1 1.7 41.7
105 23.6 3.0 43.0
51 25.7 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: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

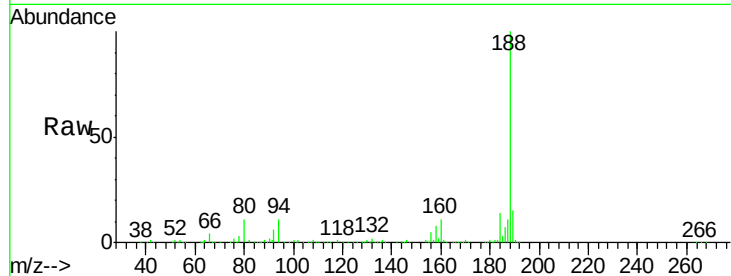
Tgt Ion:188 Resp: 388647

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

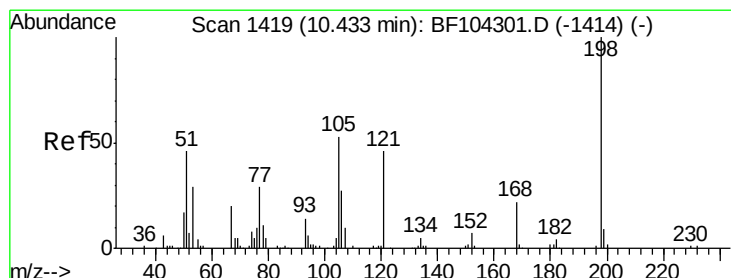
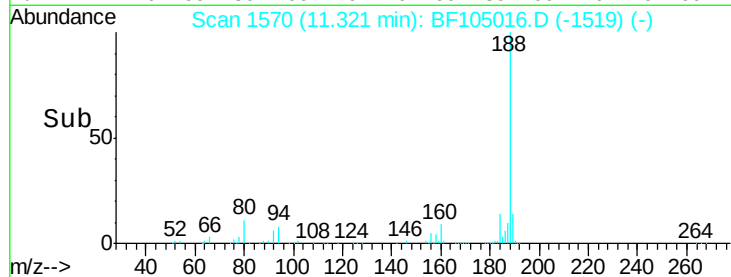
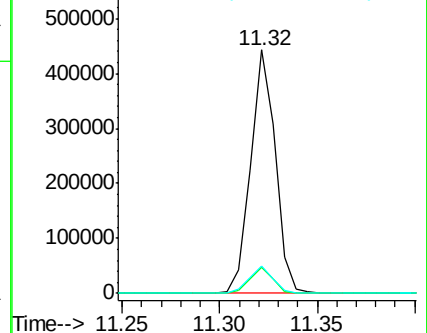
80 11.3 9.2 13.8



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: 19.984 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

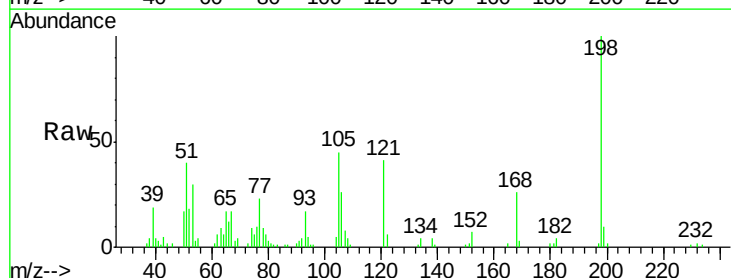
Tgt Ion:198 Resp: 28241

Ion Ratio Lower Upper

198 100

51 39.6 37.7 77.7

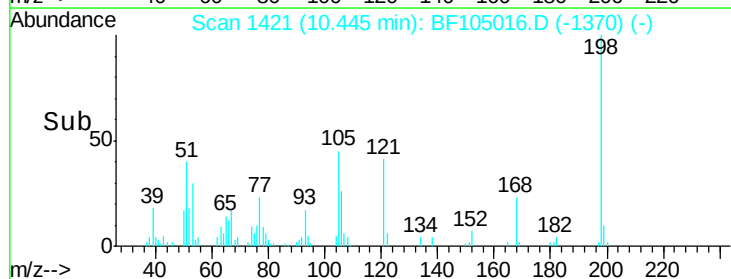
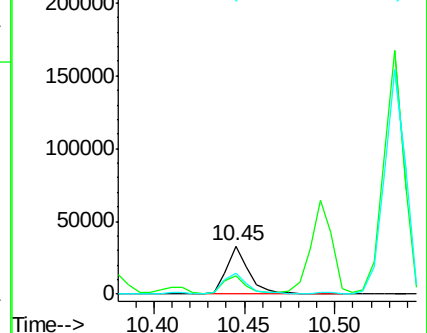
105 44.8 36.3 76.3

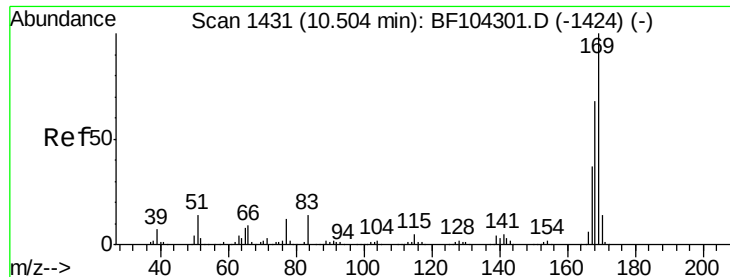


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

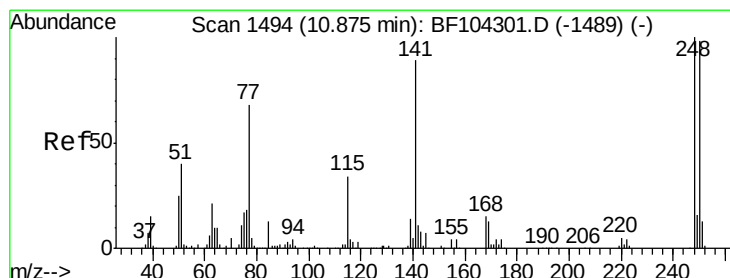
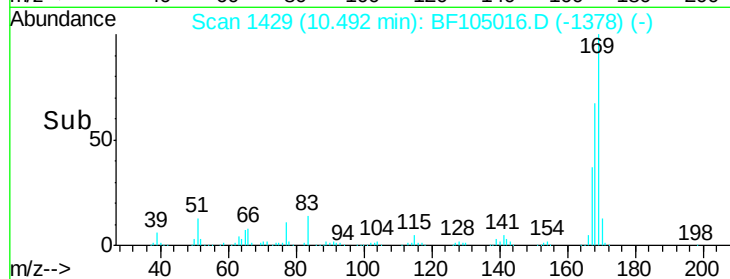
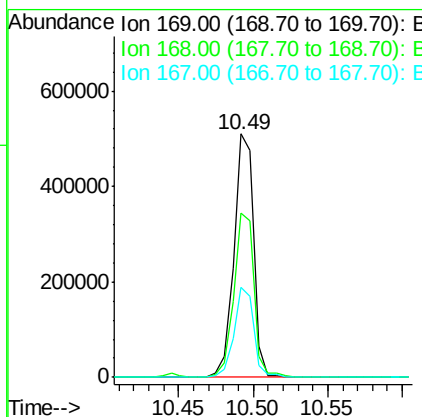
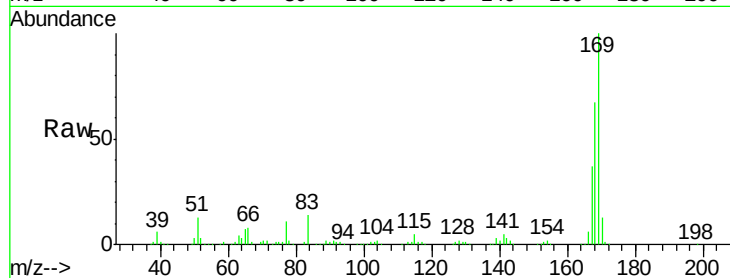




#65
 n-Nitrosodiphenylamine
 Concen: 35.282 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

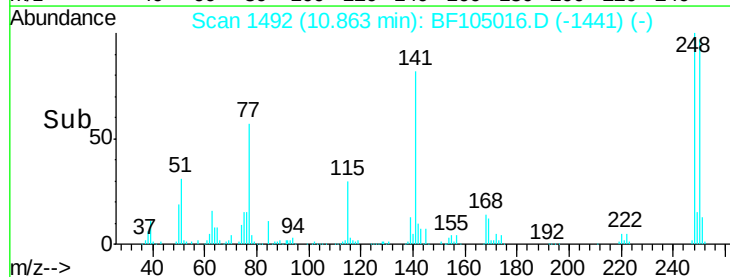
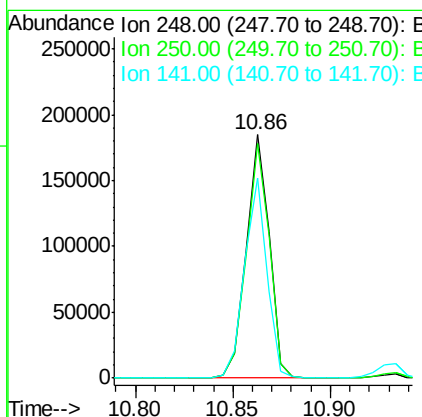
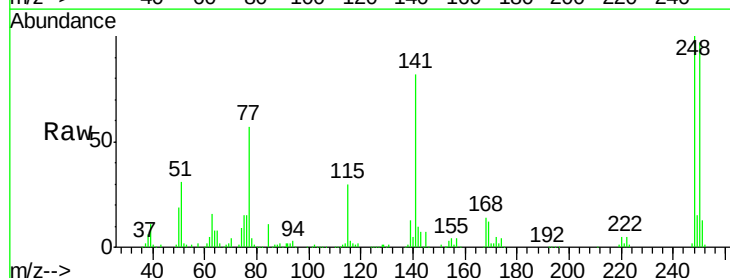
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

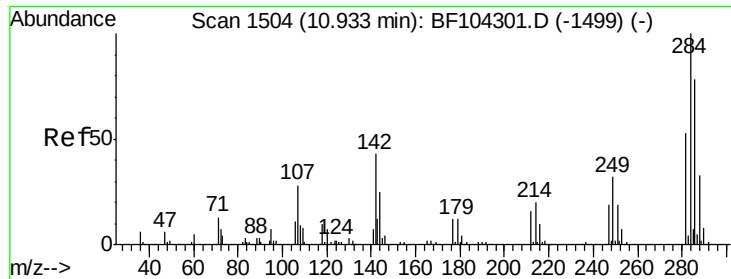
Tgt Ion:169 Resp: 475433
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.437 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion:248 Resp: 150631
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 82.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 34.621 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

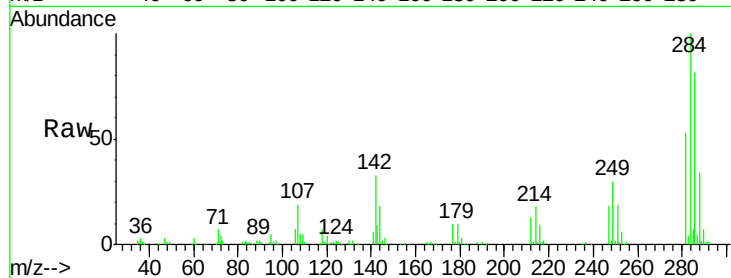
Tgt Ion:284 Resp: 161040

Ion Ratio Lower Upper

284 100

142 32.5 34.6 52.0#

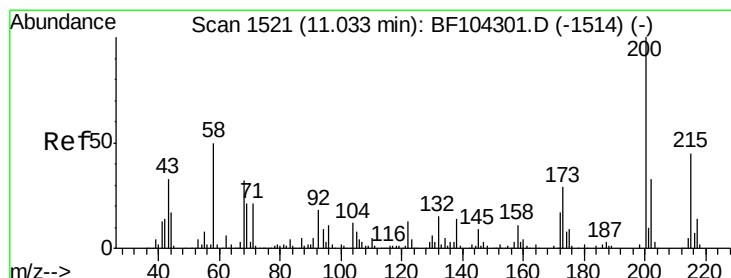
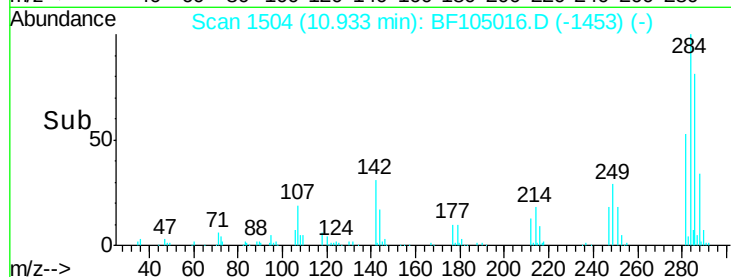
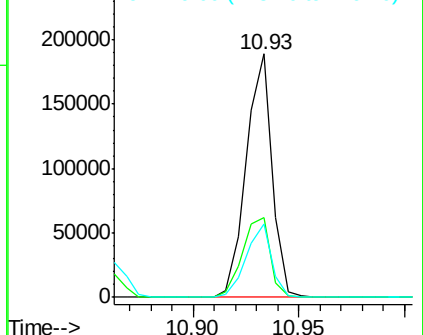
249 29.9 24.8 37.2



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: 37.398 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

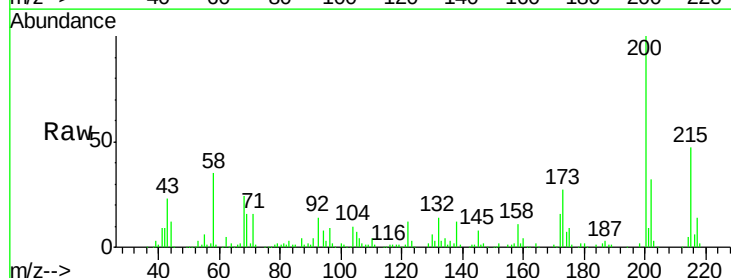
Tgt Ion:200 Resp: 152118

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

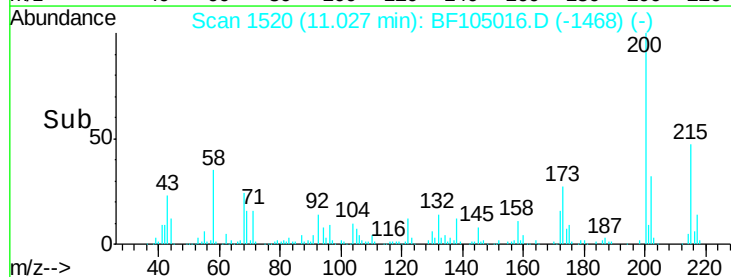
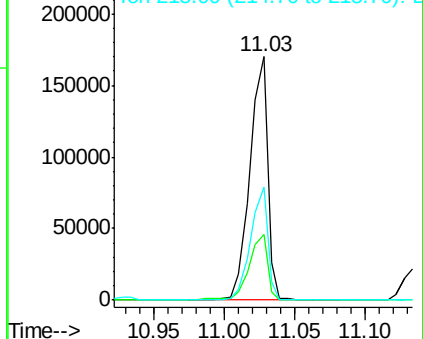
215 46.6 25.1 65.1

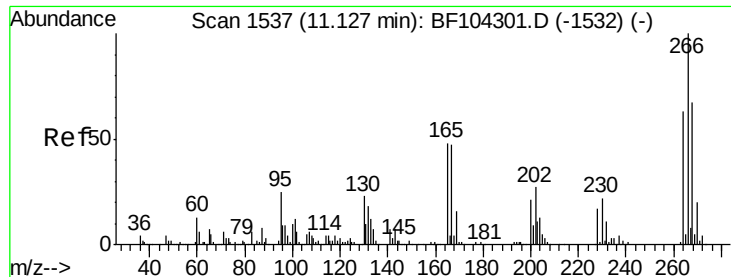


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.474 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

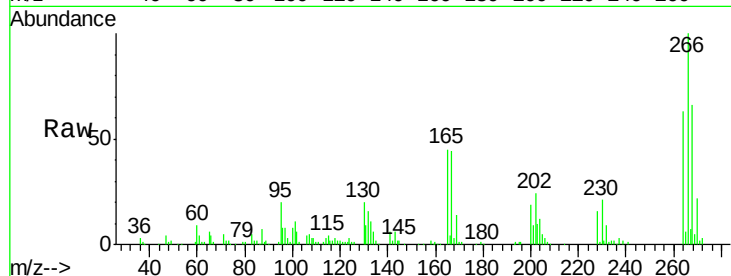
Tgt Ion:266 Resp: 116472

Ion Ratio Lower Upper

266 100

268 66.1 51.1 76.7

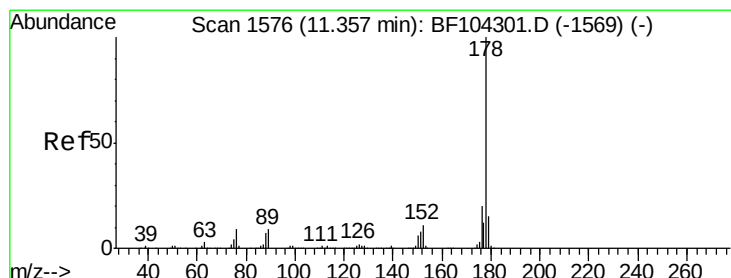
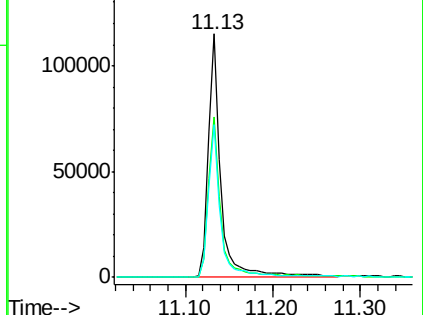
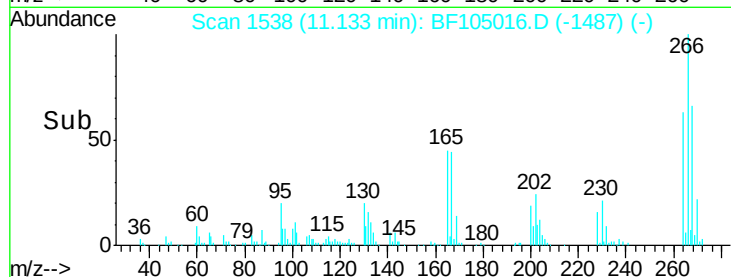
264 62.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 32.565 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

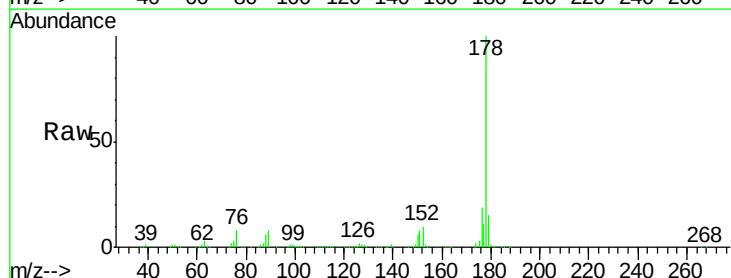
Tgt Ion:178 Resp: 704819

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

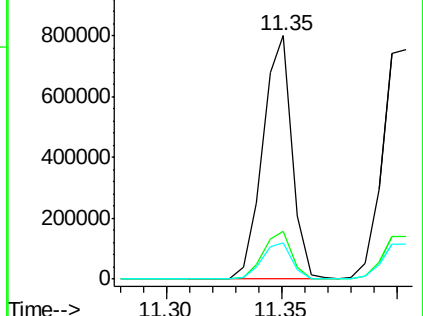
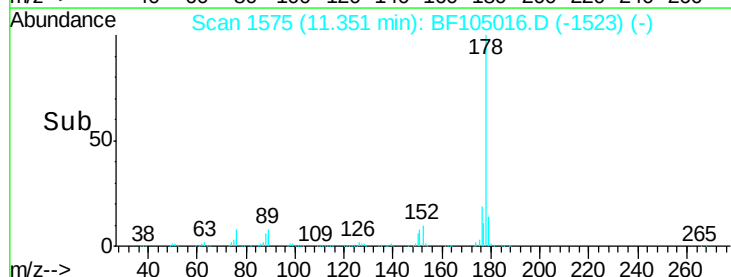
179 15.0 13.0 19.6

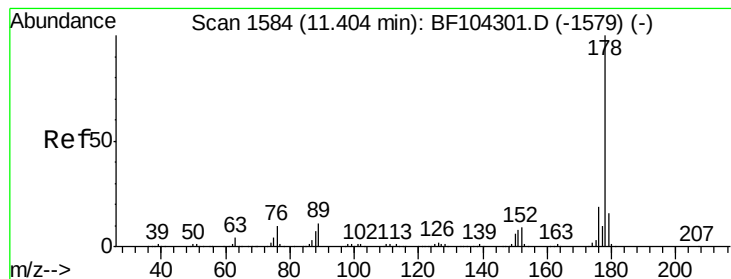


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.717 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

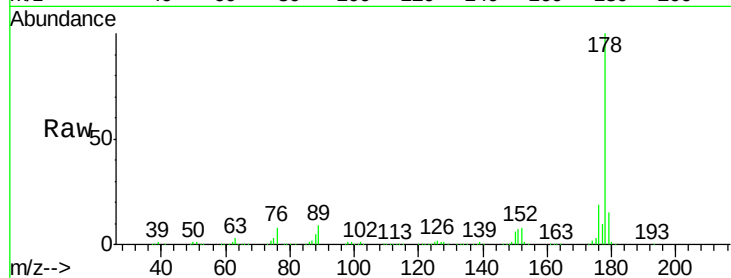
Tgt Ion:178 Resp: 719805

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

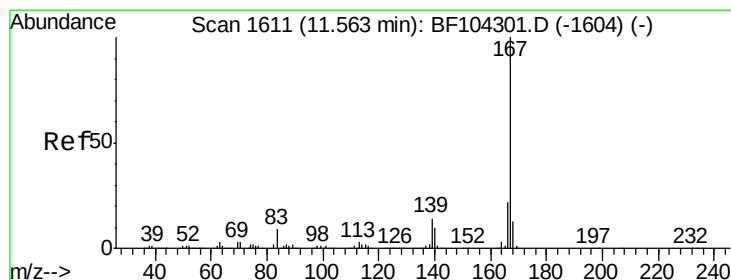
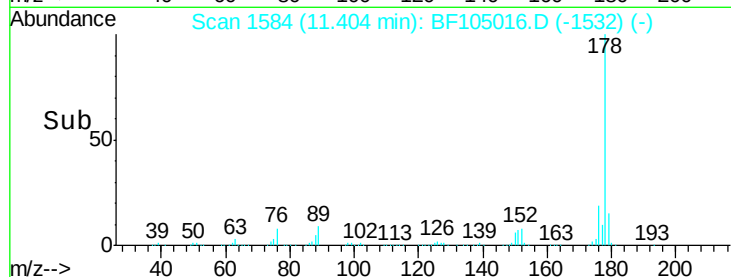
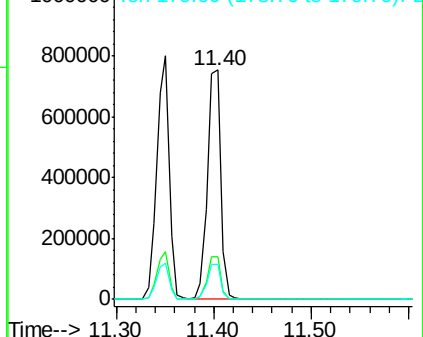
179 15.2 12.6 19.0



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: 30.017 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

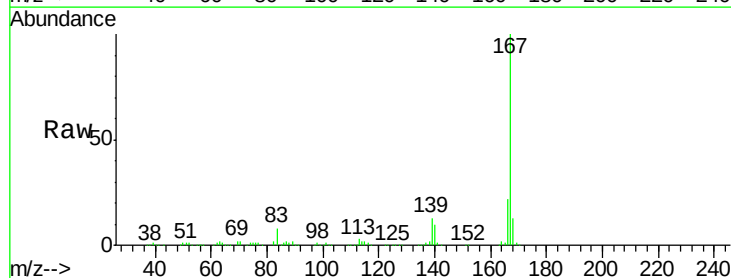
Tgt Ion:167 Resp: 645330

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

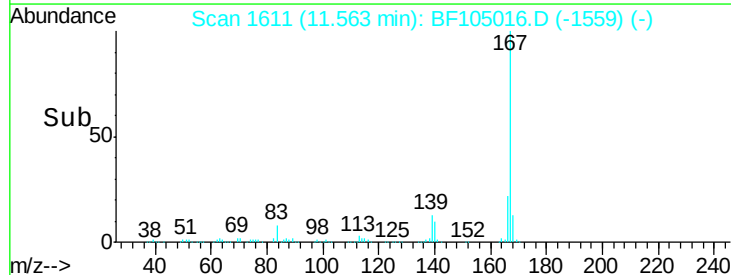
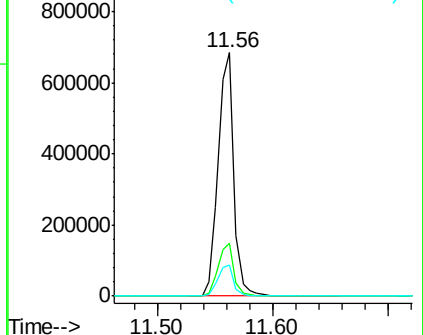
139 12.7 10.9 16.3

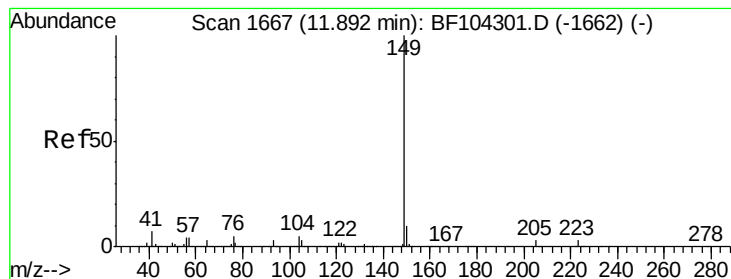


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.538 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

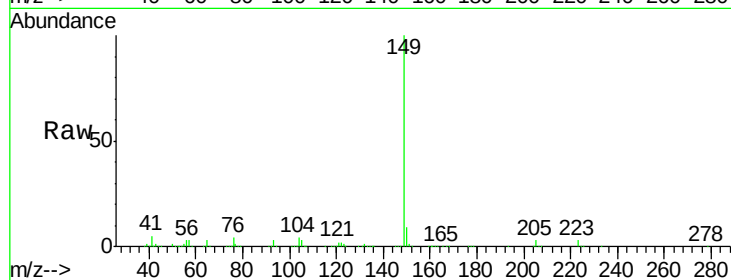
Tgt Ion:149 Resp: 880771

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

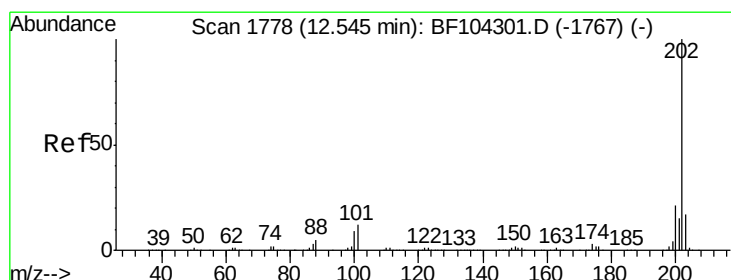
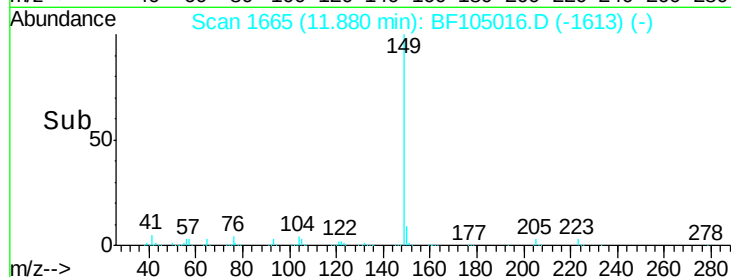
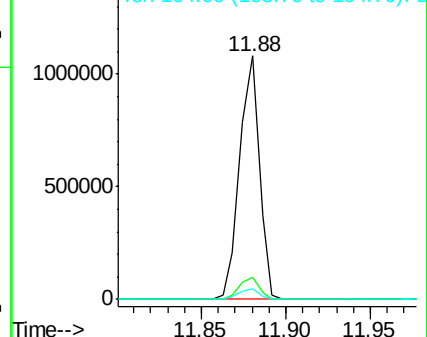
104 4.5 3.8 5.8



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: 27.354 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

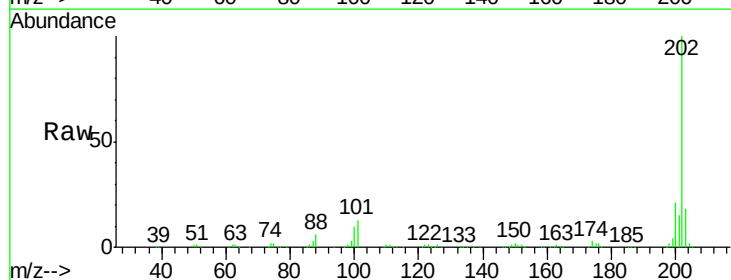
Tgt Ion:202 Resp: 618571

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

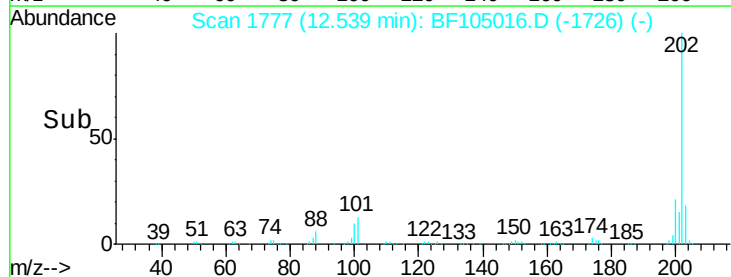
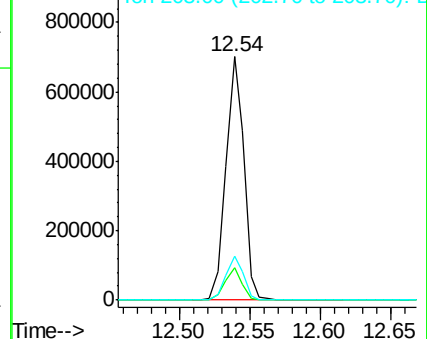
203 18.0 0.0 38.1

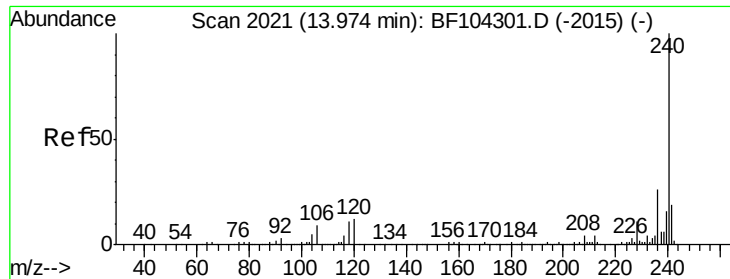


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2029

Delta R.T. 0.05 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

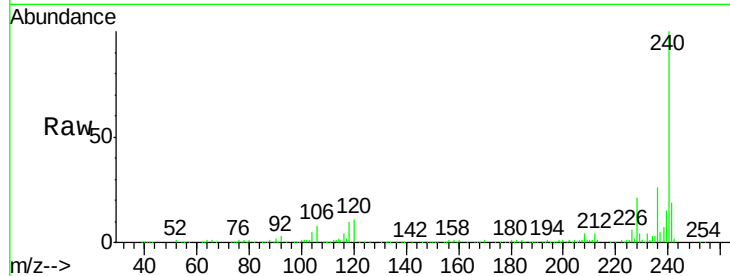
Tgt Ion:240 Resp: 236852

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

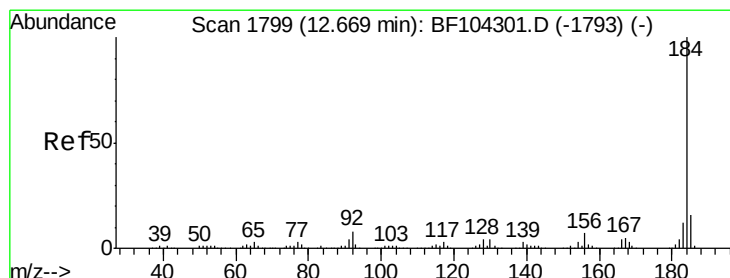
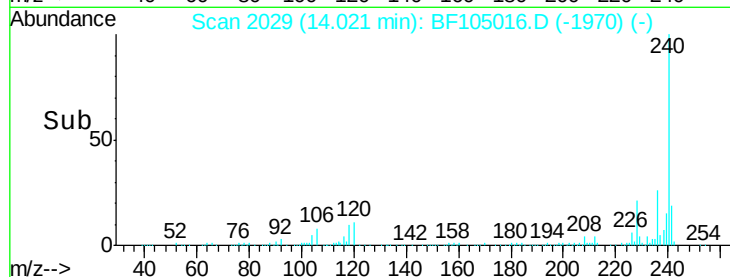
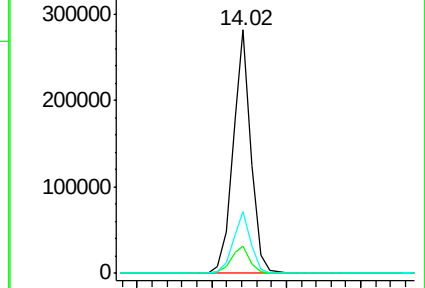
236 25.5 20.7 31.1



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: 33.598 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

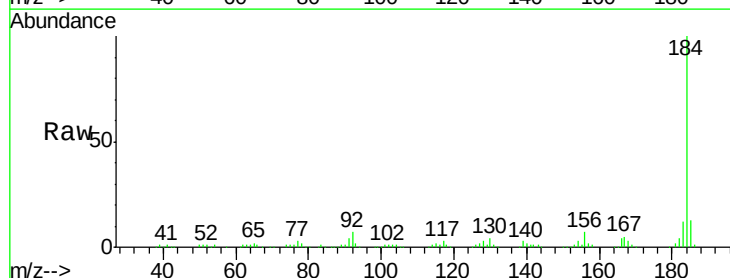
Tgt Ion:184 Resp: 282769

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

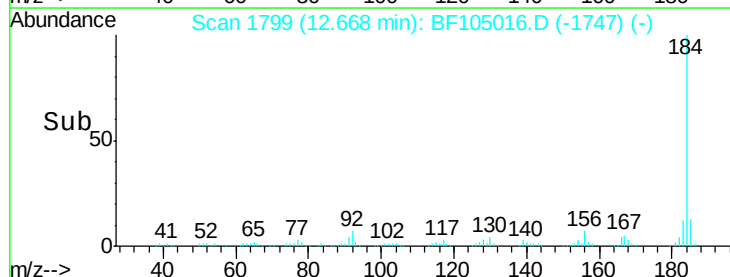
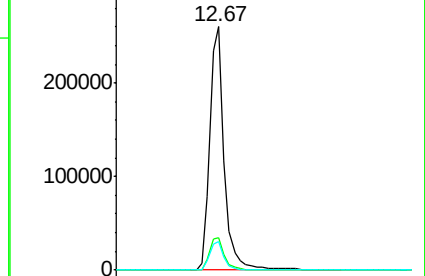
183 11.7 9.3 13.9

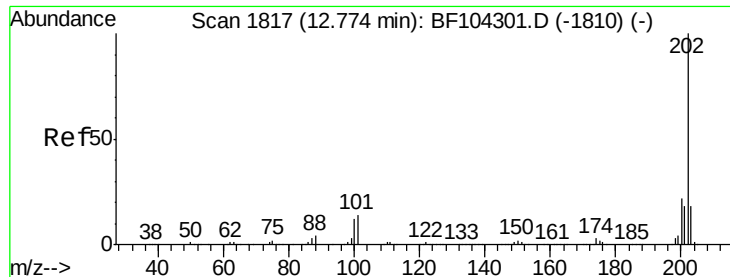


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

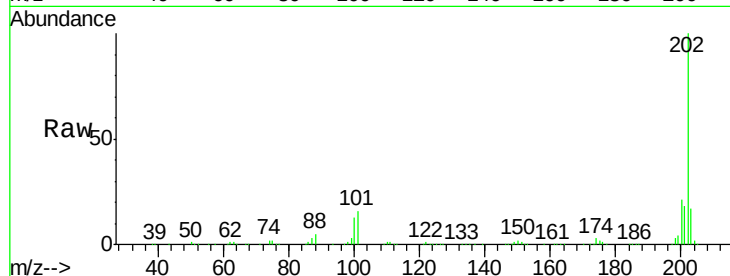




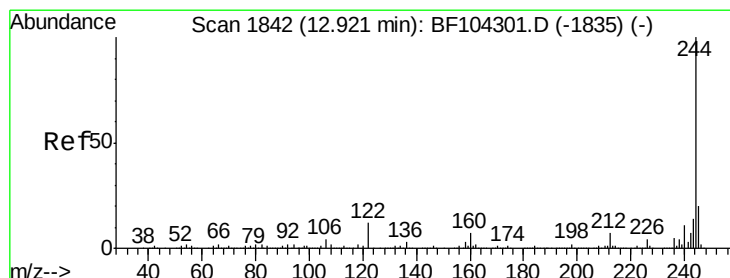
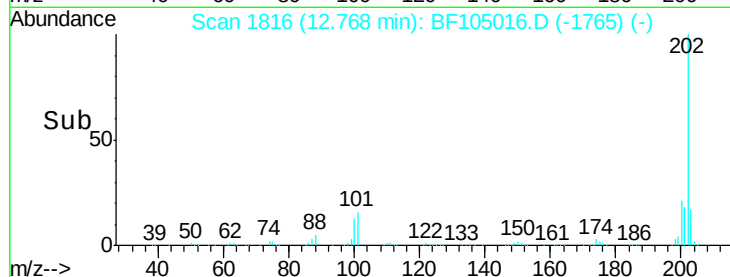
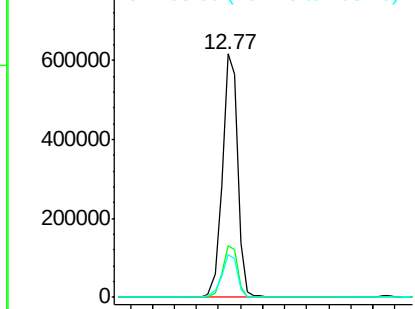
#77
 Pyrene
 Concen: 34.048 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

Tgt Ion: 202 Resp: 597752
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.5 14.3 21.5

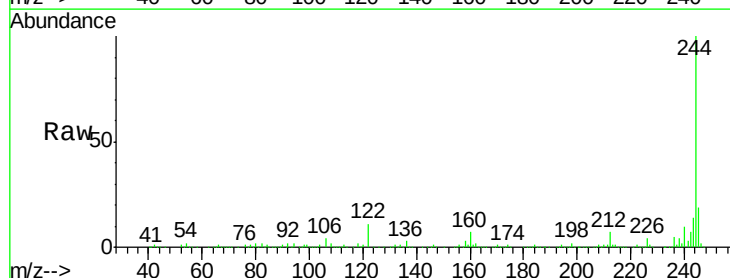


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

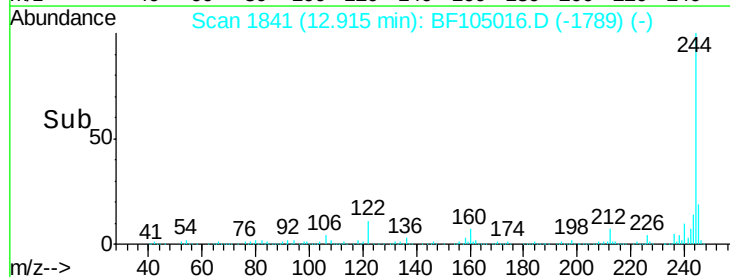
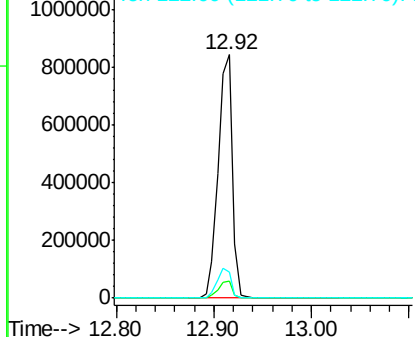


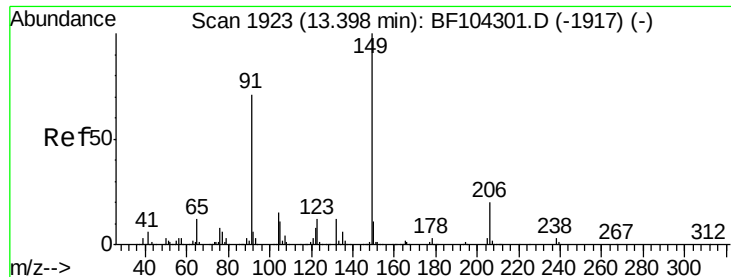
#78
 Terphenyl-d14
 Concen: 81.738 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion: 244 Resp: 849176
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.9 11.0 16.4#



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

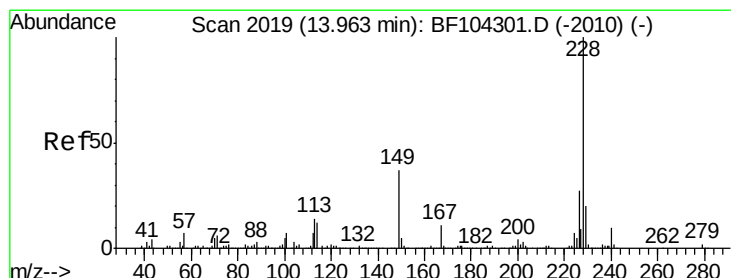
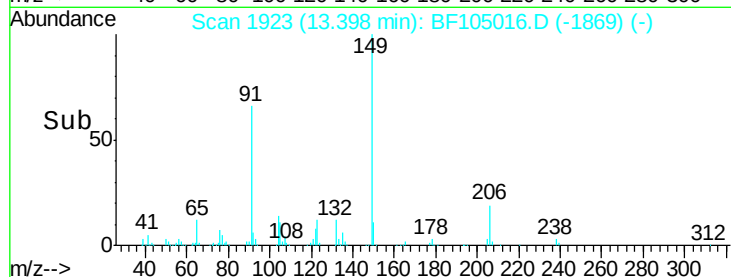
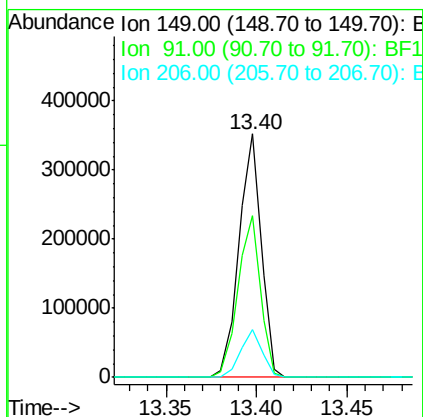
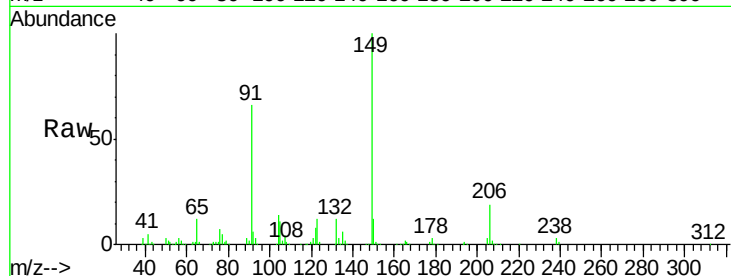




#79
Butylbenzylphthalate
Concen: 36.586 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.02 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

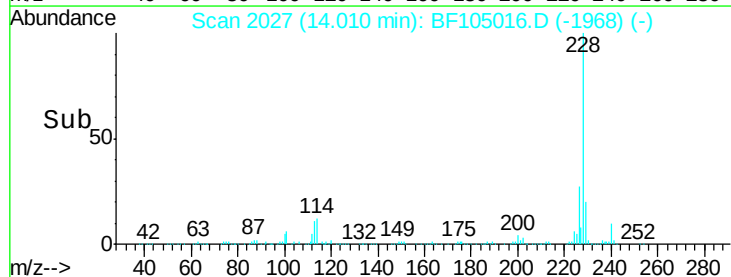
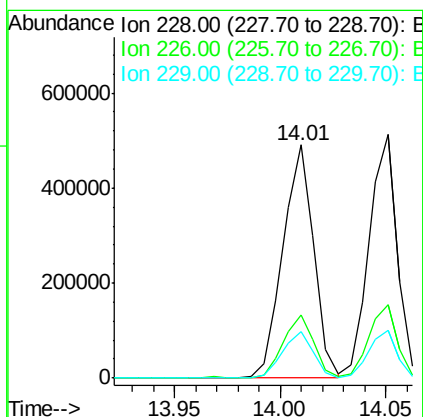
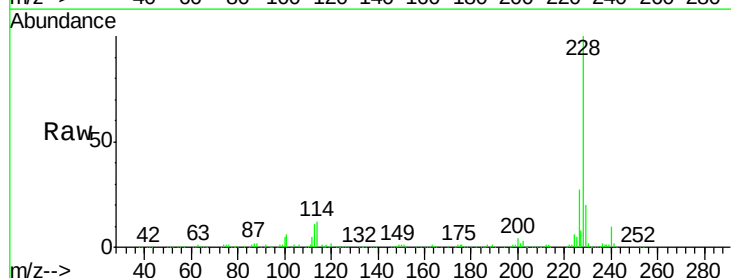
Instrument :
BNA_F
ClientSampleId :
PB108770BS

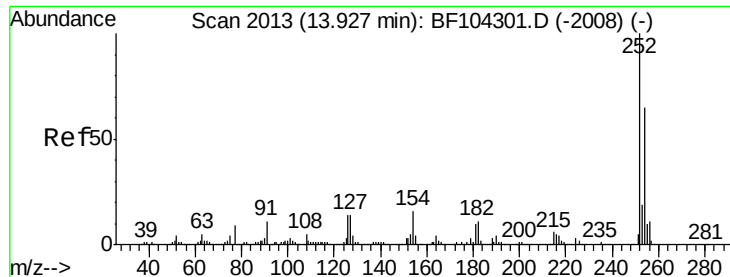
Tgt Ion:149 Resp: 302607
Ion Ratio Lower Upper
149 100
91 66.3 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.297 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.05 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:228 Resp: 499439
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.1 15.8 23.6

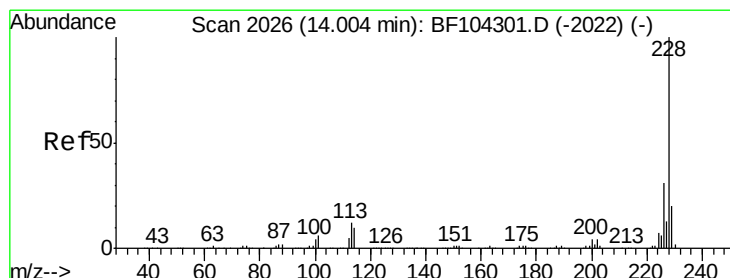
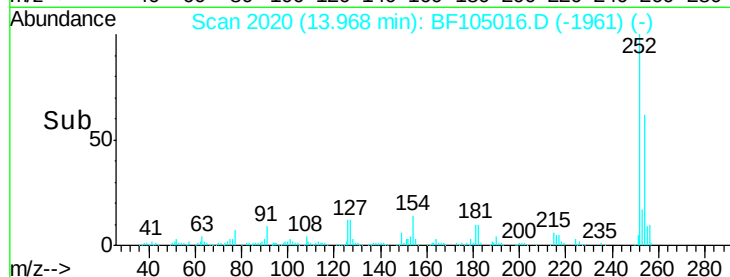
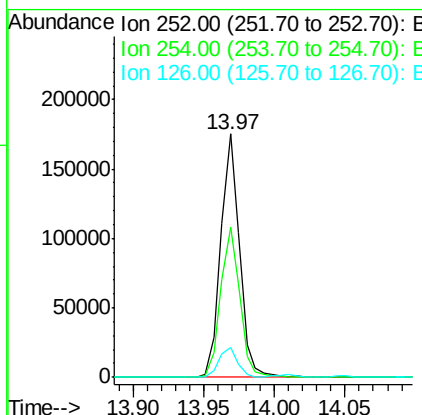
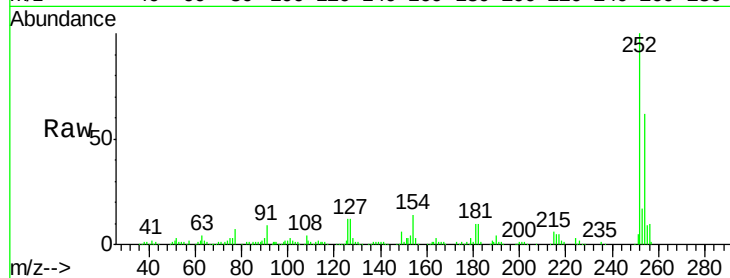




#81
 3,3'-Dichlorobenzidine
 Concen: 30.733 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.05 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

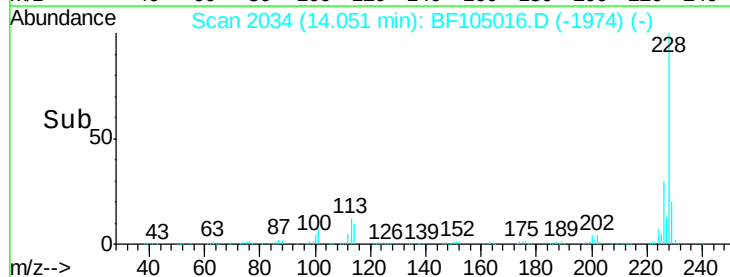
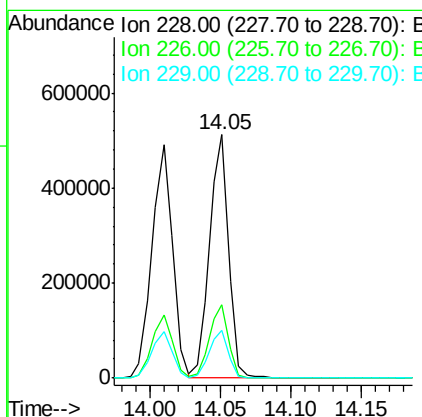
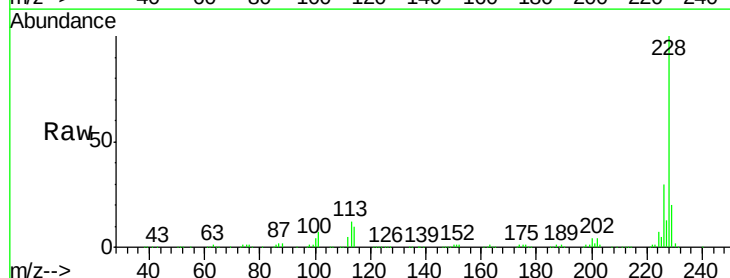
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BS

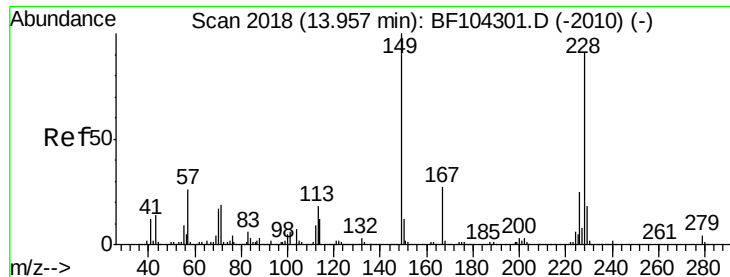
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 32.930 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.05 min
 Lab File: BF105016.D
 Acq: 2 May 2018 7:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.470 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.05 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

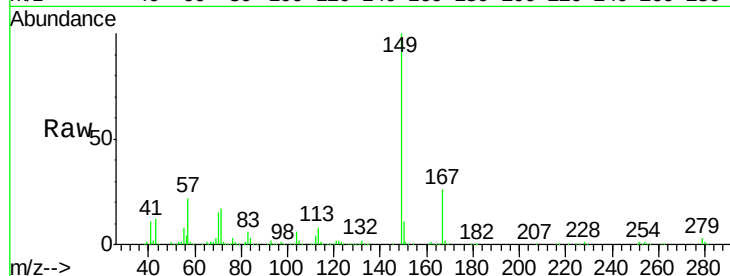
Tgt Ion:149 Resp: 430544

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

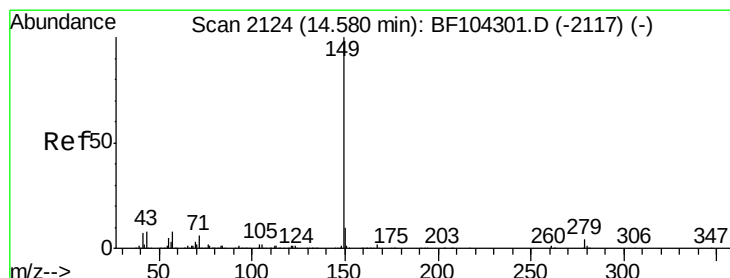
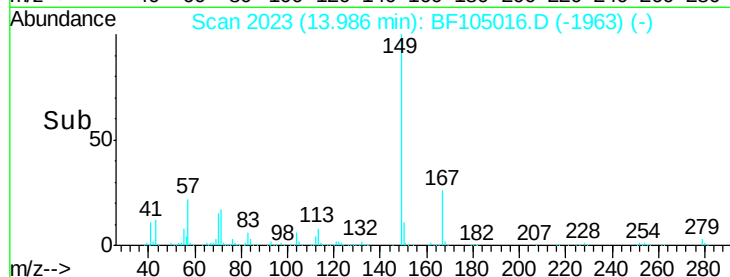
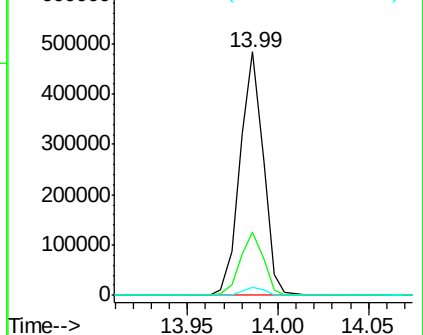
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.372 ng

RT: 14.67 min Scan# 2139

Delta R.T. 0.12 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

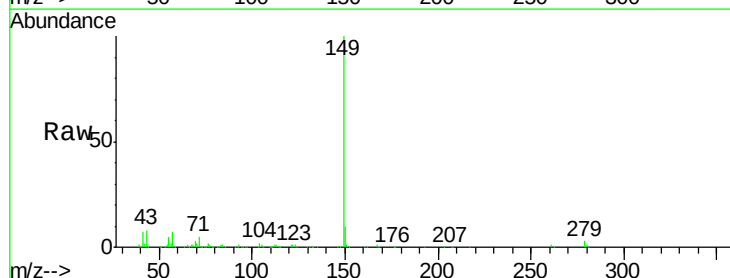
Tgt Ion:149 Resp: 664334

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

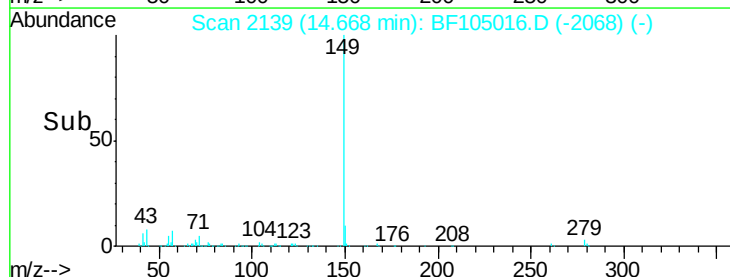
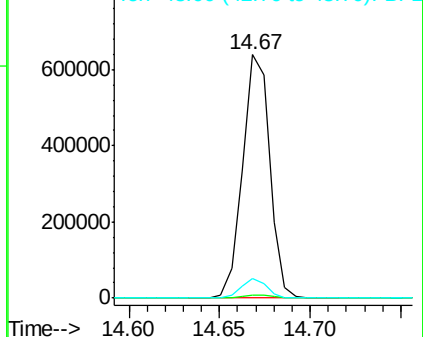
43 7.5 8.4 12.6#

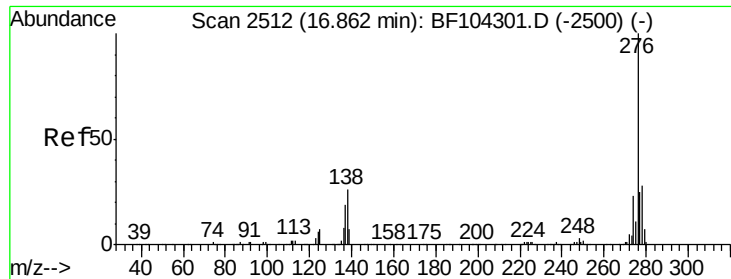


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.947 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.17 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

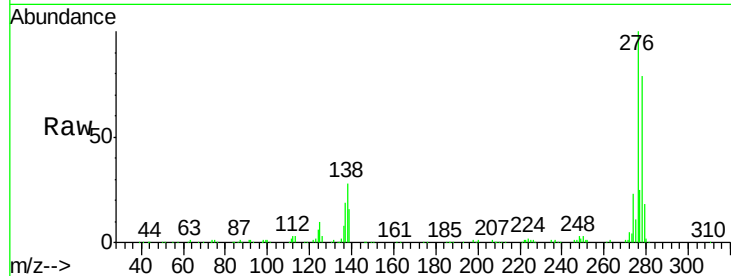
Tgt Ion:276 Resp: 382088

Ion Ratio Lower Upper

276 100

138 27.8 25.0 37.6

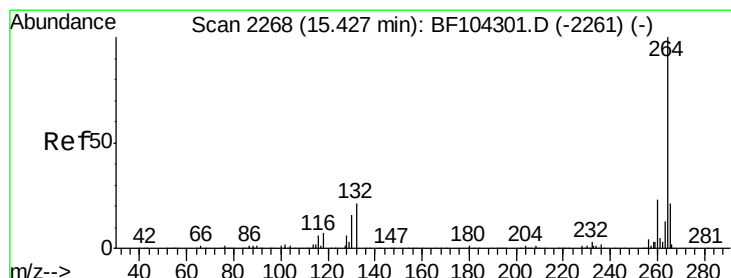
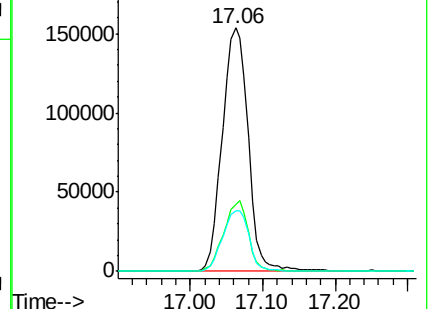
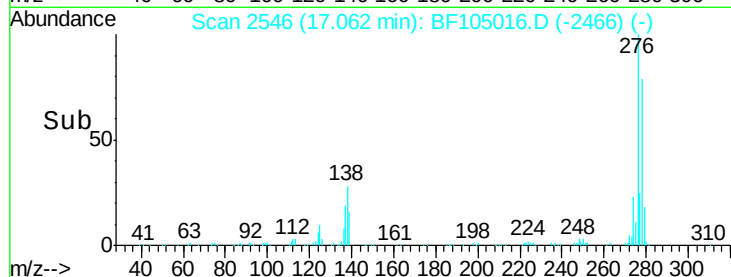
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.14 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

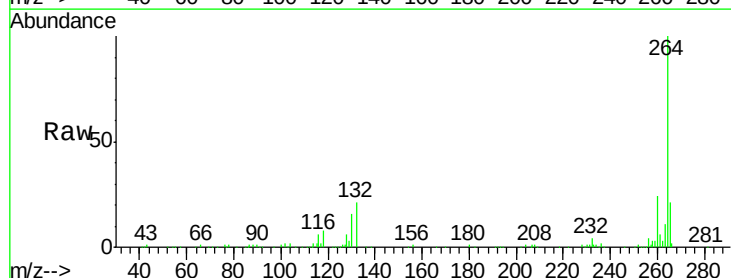
Tgt Ion:264 Resp: 215967

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

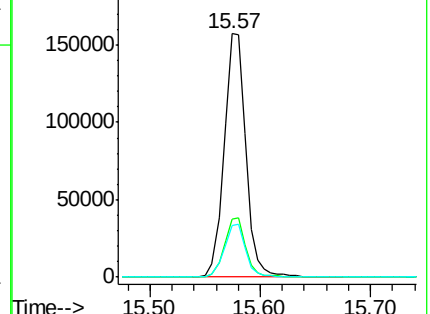
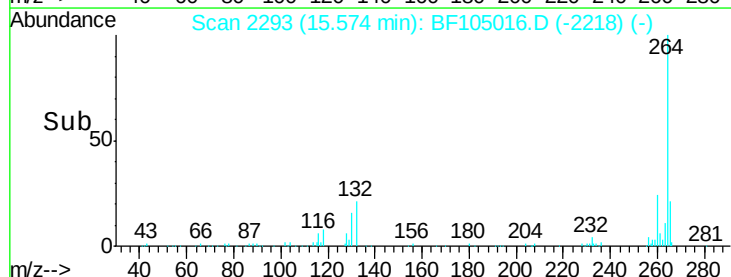
265 21.2 17.5 26.3

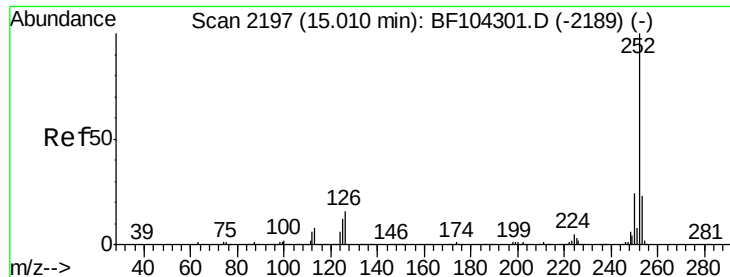


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

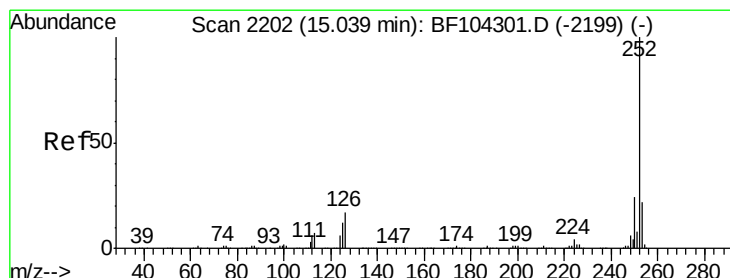
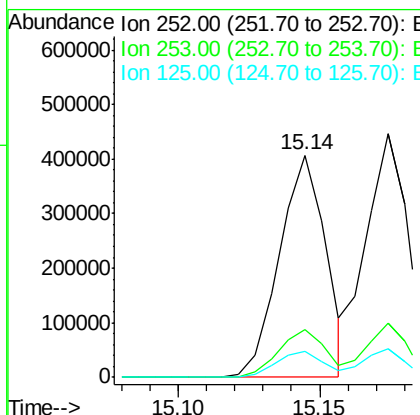
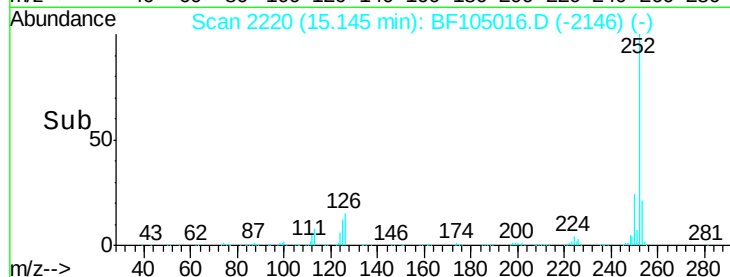
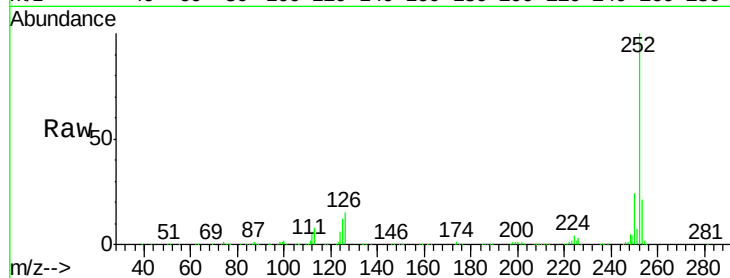




#87
Benzo(b)fluoranthene
Concen: 33.978 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.14 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

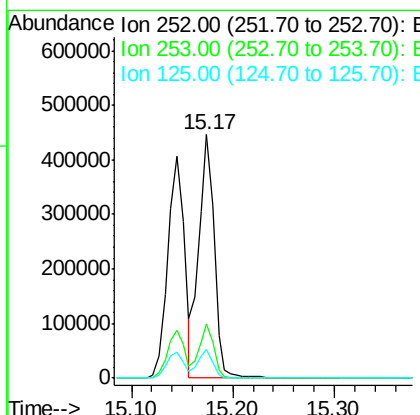
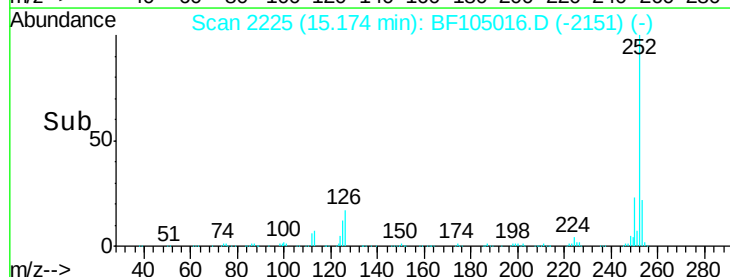
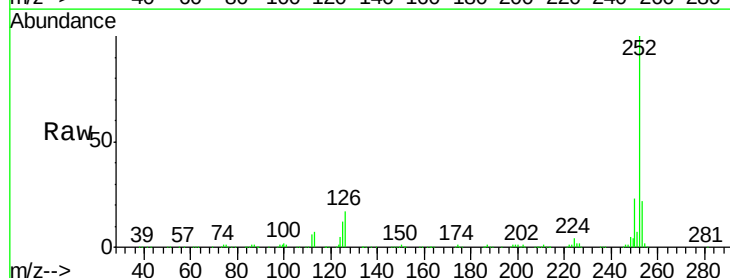
Instrument :
BNA_F
ClientSampleId :
PB108770BS

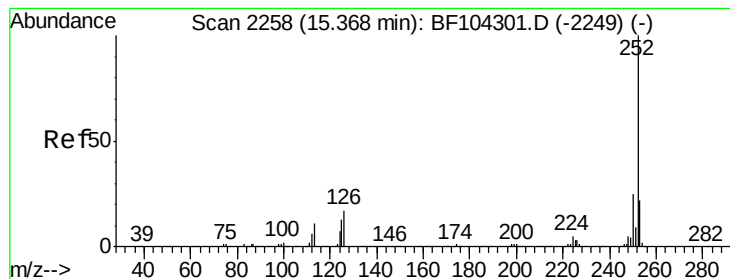
Tgt Ion:252 Resp: 463462
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.643 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.14 min
Lab File: BF105016.D
Acq: 2 May 2018 7:20

Tgt Ion:252 Resp: 471866
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.312 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.14 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS

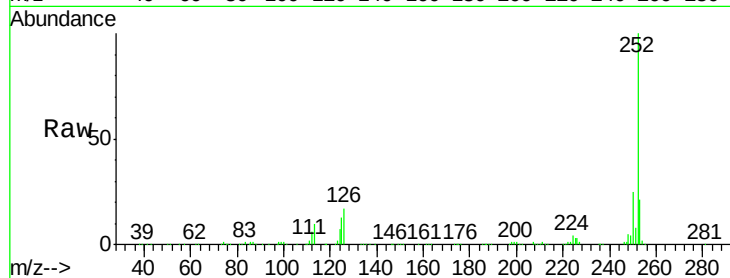
Tgt Ion:252 Resp: 430969

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

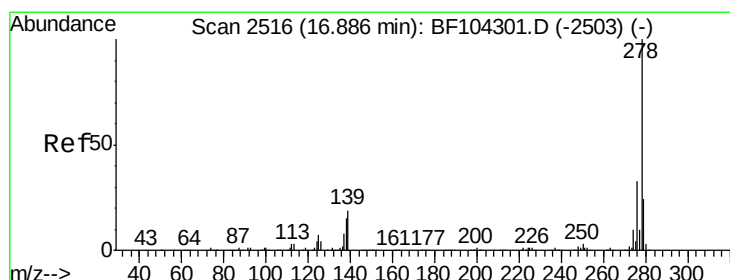
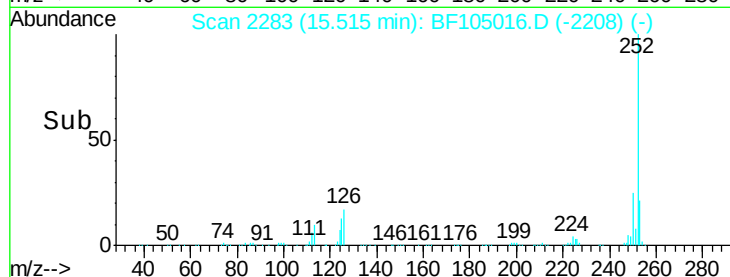
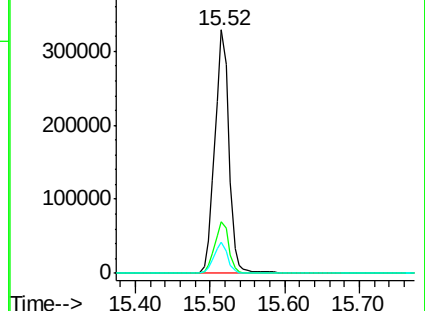
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.999 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.16 min

Lab File: BF105016.D

Acq: 2 May 2018 7:20

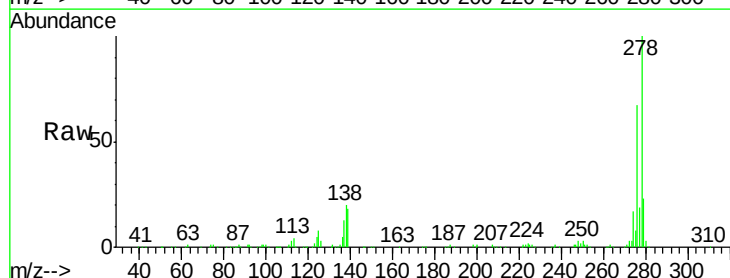
Tgt Ion:278 Resp: 330771

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

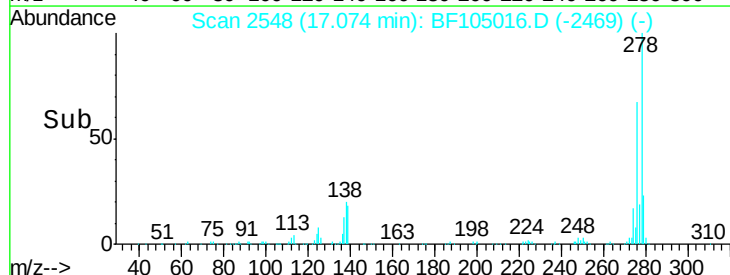
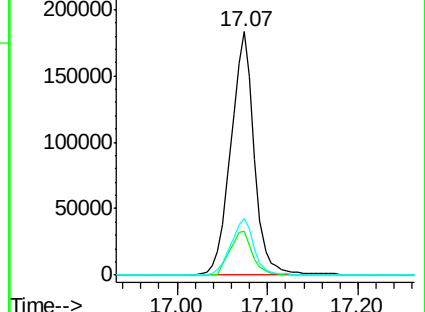
279 23.1 19.0 28.4

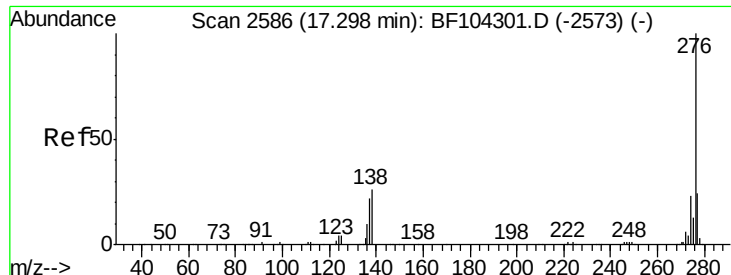


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.978 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.17 min

Lab File: BF105016.D

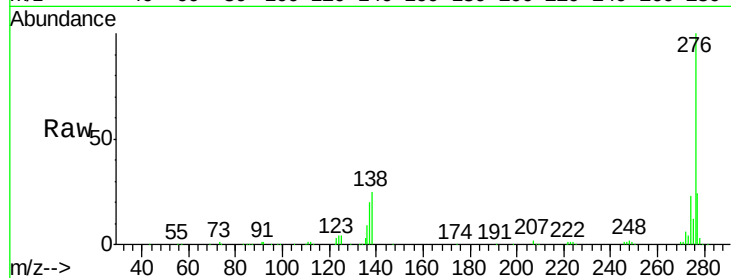
Acq: 2 May 2018 7:20

Instrument :

BNA_F

ClientSampleId :

PB108770BS



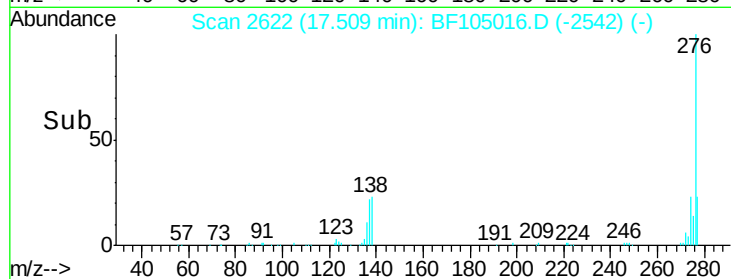
Tgt Ion:276 Resp: 300835

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

