

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041316\
 Data File : BG021630.D
 Acq On : 13 Apr 2016 20:52
 Operator : UM/SJ
 Sample : PB89725BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Quant Time: Apr 14 02:01:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28179	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	131709	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88964	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	215252	20.00	ng	0.00
75) Chrysene-d12	21.83	240	247406	20.00	ng	0.00
86) Perylene-d12	25.16	264	239451	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	240784	142.29	ng	0.00
7) Phenol-d6	7.36	99	353059	139.68	ng	0.00
23) Nitrobenzene-d5	9.39	82	209788	81.87	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	135526	141.35	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	494101	81.37	ng	0.00
78) Terphenyl-d14	20.15	244	803619	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	24003	31.87	ng	85
3) Pyridine	4.04	79	76590	33.88	ng	93
4) n-Nitrosodimethylamine	3.95	42	42304	37.76	ng	# 78
6) Aniline	7.54	93	71007	21.24	ng	91
8) 2-Chlorophenol	7.78	128	89843	44.29	ng	99
9) Benzaldehyde	7.35	77	26982	18.46	ng	95
10) Phenol	7.39	94	125433	46.14	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	84757	38.95	ng	94
12) 1,3-Dichlorobenzene	8.11	146	86283	38.09	ng	98
13) 1,4-Dichlorobenzene	8.26	146	89842	38.95	ng	95
14) 1,2-Dichlorobenzene	8.58	146	86122	38.92	ng	98
15) Benzyl Alcohol	8.45	79	87425	45.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	171058	36.70	ng	95
17) 2-Methylphenol	8.65	107	83764	44.56	ng	94
18) Hexachloroethane	9.31	117	32685	38.94	ng	# 76
19) n-Nitroso-di-n-propylamine	9.02	70	78358	39.90	ng	95
20) 3+4-Methylphenols	8.97	107	117009	45.49	ng	99
22) Acetophenone	9.04	105	137797	37.56	ng	# 97
24) Nitrobenzene	9.43	77	108339	39.49	ng	97
25) Isophorone	9.95	82	212736	37.93	ng	98
26) 2-Nitrophenol	10.14	139	41847	39.95	ng	94
27) 2,4-Dimethylphenol	10.19	122	100431	42.21	ng	99
28) bis(2-Chloroethoxy)methane	10.43	93	124554	41.80	ng	90
29) 2,4-Dichlorophenol	10.67	162	93282	45.98	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	86237	39.53	ng	91
31) Naphthalene	11.09	128	280751	39.83	ng	# 96
32) Benzoic acid	10.29	122	55258	42.32	ng	96
33) 4-Chloroaniline	11.18	127	34732	11.38	ng	# 94
34) Hexachlorobutadiene	11.37	225	54332	38.62	ng	98
35) Caprolactam	11.95	113	20408	21.98	ng	95
36) 4-Chloro-3-methylphenol	12.28	107	114777	44.99	ng	98
37) 2-Methylnaphthalene	12.67	142	209633	43.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	101355	36.45	ng	# 96
40) Hexachlorocyclopentadiene	13.01	237	136471	88.36	ng	99

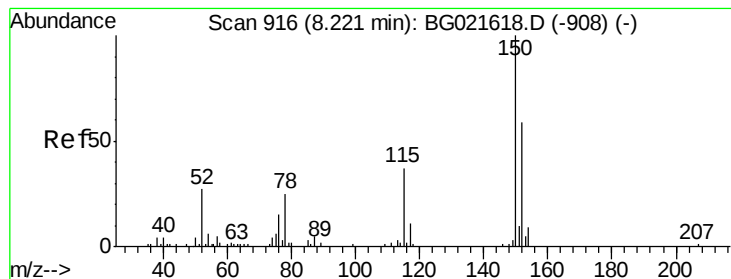
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041316\
 Data File : BG021630.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	73704	41.57	ng	100
43) 2,4,5-Trichlorophenol	13.33	196	82632	43.19	ng	99
45) 1,1'-Biphenyl	13.67	154	280307	37.40	ng	96
46) 2-Chloronaphthalene	13.71	162	214708	38.74	ng	98
47) 2-Nitroaniline	13.90	65	80439	42.33	ng	96
48) Acenaphthylene	14.55	152	362439	39.56	ng	98
49) Dimethylphthalate	14.28	163	305150	39.67	ng	99
50) 2,6-Dinitrotoluene	14.39	165	64683	44.10	ng	99
51) Acenaphthene	14.89	154	251899	43.01	ng	98
52) 3-Nitroaniline	14.72	138	27204	16.72	ng	96
53) 2,4-Dinitrophenol	14.92	184	51223	89.78	ng	95
54) Dibenzofuran	15.22	168	353588	44.21	ng	99
55) 4-Nitrophenol	15.01	139	127218	91.34	ng	94
56) 2,4-Dinitrotoluene	15.17	165	91338	46.08	ng	96
57) Fluorene	15.87	166	296917	41.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	77775	49.00	ng	99
59) Diethylphthalate	15.63	149	321482	40.04	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	139554	39.67	ng	98
61) 4-Nitroaniline	15.88	138	75020	41.91	ng	95
62) Azobenzene	16.15	77	307160	44.64	ng	98
64) 4,6-Dinitro-2-methylphenol	15.93	198	35610	40.65	ng	93
65) n-Nitrosodiphenylamine	16.06	169	268577	41.60	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	93550	40.57	ng	100
67) Hexachlorobenzene	16.86	284	97930	40.22	ng	95
68) Atrazine	17.00	200	105103	41.23	ng	96
69) Pentachlorophenol	17.20	266	127805	91.95	ng	96
70) Phenanthrene	17.60	178	491267	41.41	ng	99
71) Anthracene	17.70	178	496402	41.22	ng	98
72) Carbazole	17.96	167	464659	41.34	ng	98
73) Di-n-butylphthalate	18.51	149	570003	39.87	ng	99
74) Fluoranthene	19.59	202	575290	40.61	ng	98
76) Benzidine	19.77	184	166015	21.55	ng	99
77) Pyrene	19.95	202	591748	41.48	ng	100
79) Butylbenzylphthalate	20.83	149	271342	40.97	ng	99
80) Benzo(a)anthracene	21.81	228	586546	41.20	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	89871	7.97	ng	96
82) Chrysene	21.88	228	547274	40.01	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	391113	40.38	ng	99
84) Di-n-octyl phthalate	22.96	149	684581	42.19	ng	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	670164	41.21	ng	# 93
87) Benzo(b)fluoranthene	24.10	252	590801	42.52	ng	99
88) Benzo(k)fluoranthene	24.17	252	572092	42.11	ng	98
89) Benzo(a)pyrene	25.01	252	573060	42.57	ng	98
90) Dibenzo(a,h)anthracene	29.06	278	567478	42.04	ng	99
91) Benzo(g,h,i)perylene	30.18	276	555233	41.92	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

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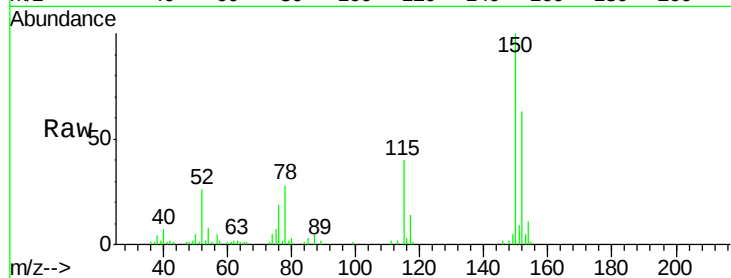
Tgt Ion:152 Resp: 28179

Ion Ratio Lower Upper

152 100

150 159.9 130.1 195.1

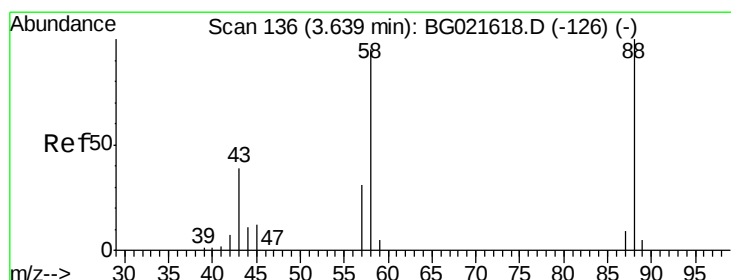
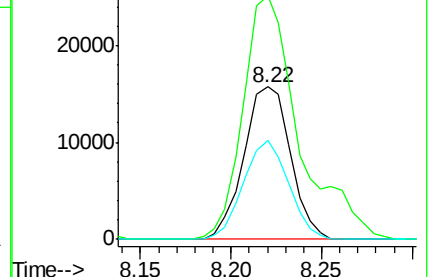
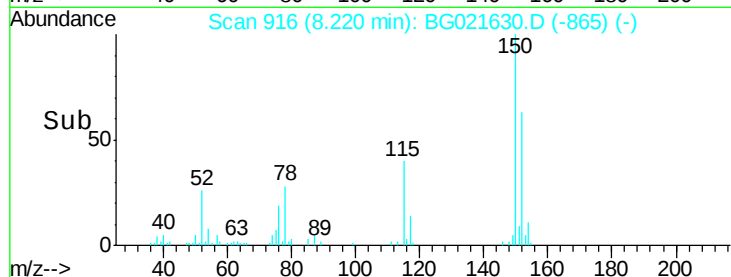
115 64.8 62.2 93.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.87 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

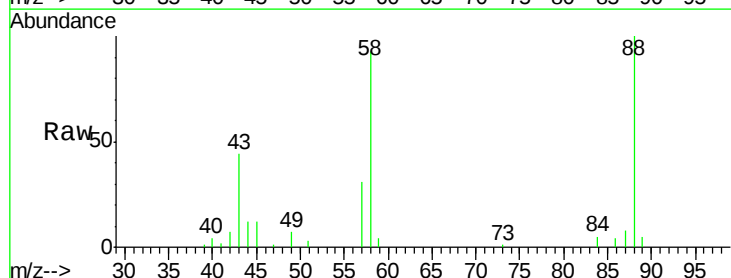
Tgt Ion: 88 Resp: 24003

Ion Ratio Lower Upper

88 100

58 92.0 61.8 92.8

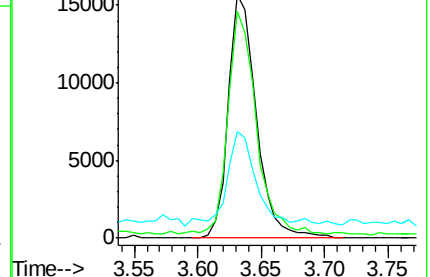
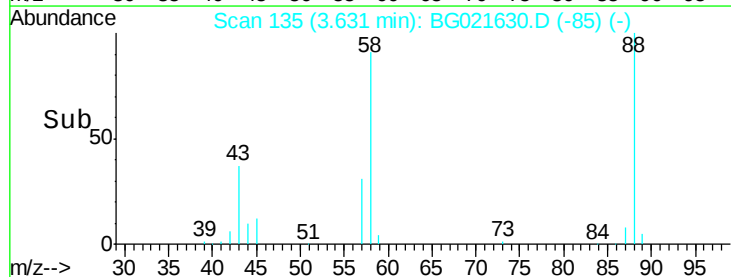
43 40.1 27.3 40.9

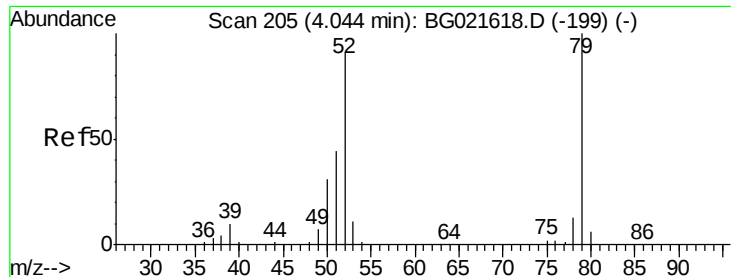


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.88 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

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ClientSampleId :

PB89725BS

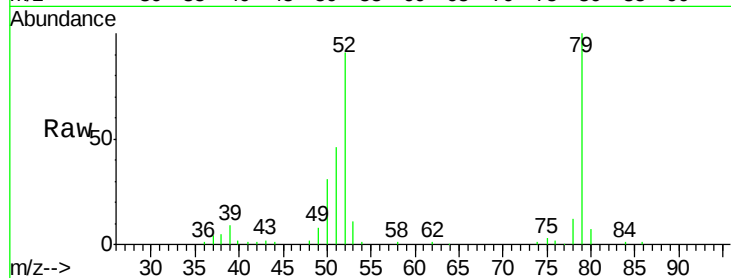
Tgt Ion: 79 Resp: 76590

Ion Ratio Lower Upper

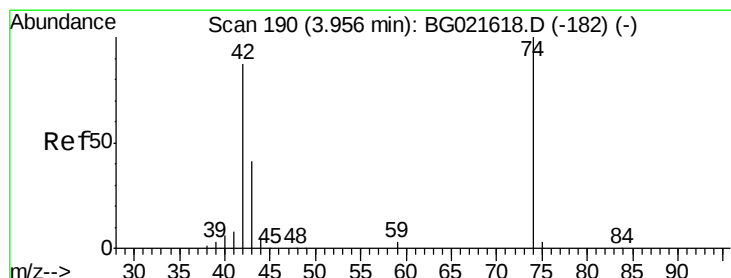
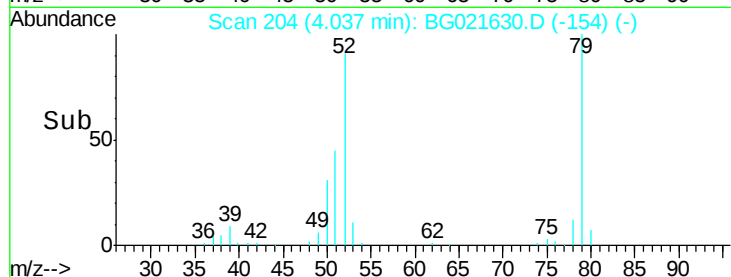
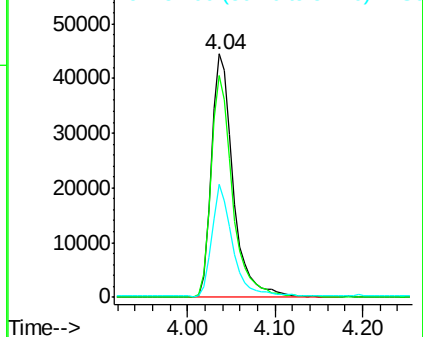
79 100

52 91.2 77.2 115.8

51 46.3 42.5 63.7



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



#4

n-Nitrosodimethylamine

Concen: 37.76 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

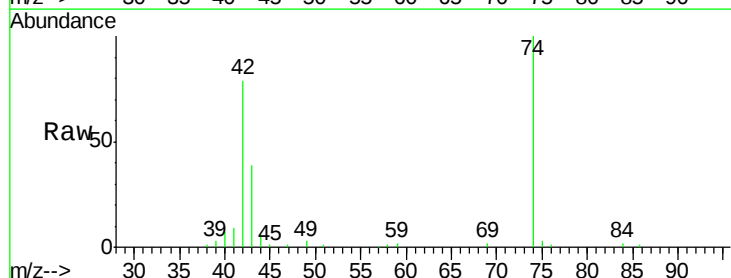
Tgt Ion: 42 Resp: 42304

Ion Ratio Lower Upper

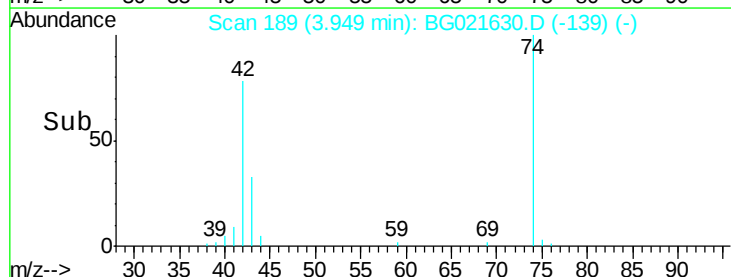
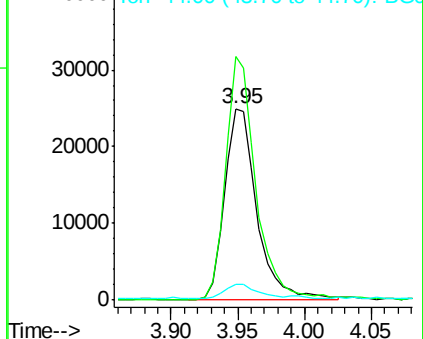
42 100

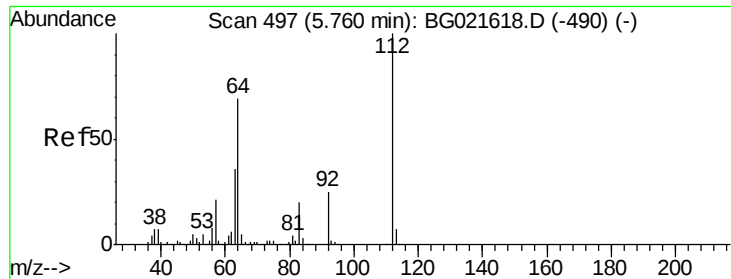
74 127.2 83.0 124.4#

44 8.2 11.0 16.6#



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





#5

2-Fluorophenol

Concen: 142.29 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

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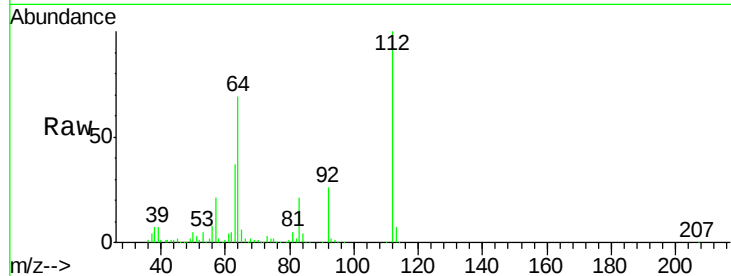
Tgt Ion: 112 Resp: 240784

Ion Ratio Lower Upper

112 100

64 69.1 51.1 76.7

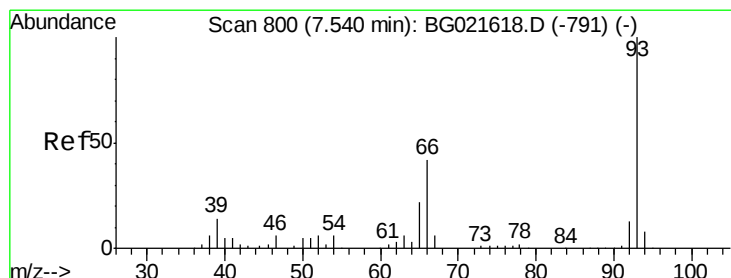
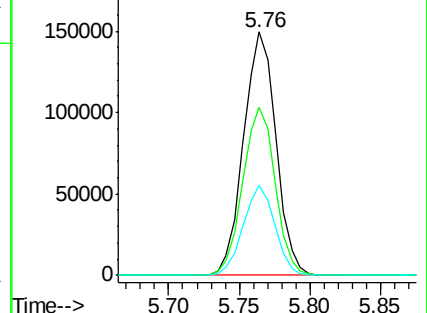
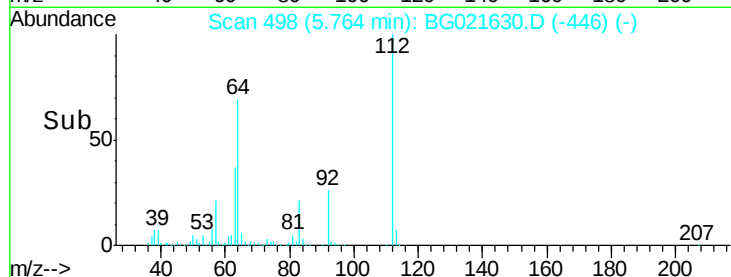
63 37.1 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.24 ng

RT: 7.54 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

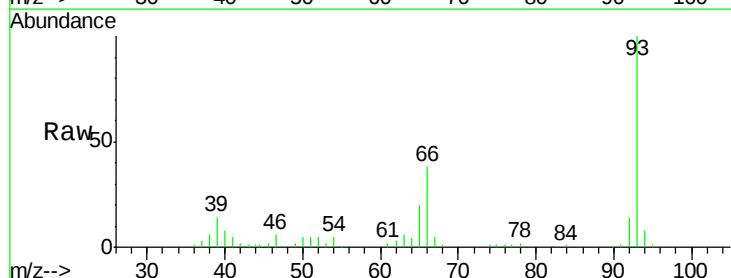
Tgt Ion: 93 Resp: 71007

Ion Ratio Lower Upper

93 100

66 38.1 36.3 54.5

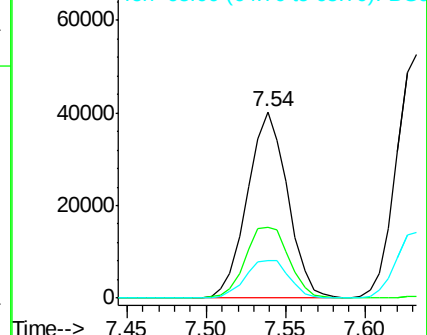
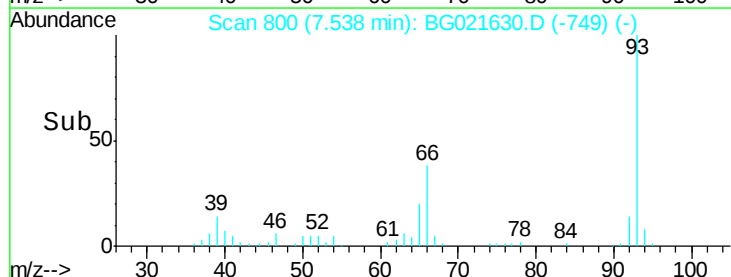
65 20.5 18.4 27.6

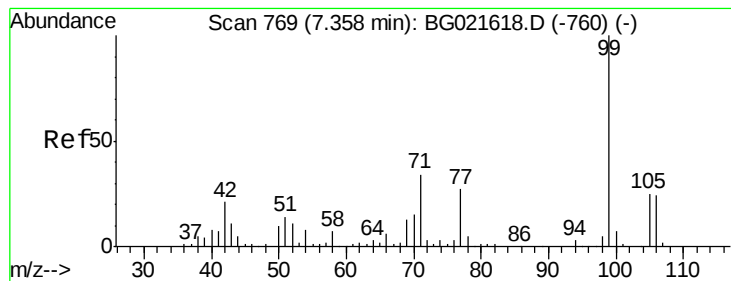


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.68 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

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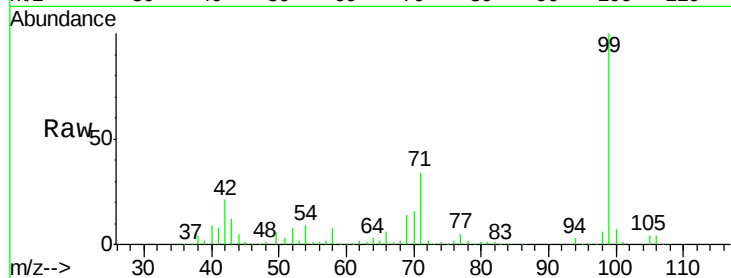
Tgt Ion: 99 Resp: 353059

Ion Ratio Lower Upper

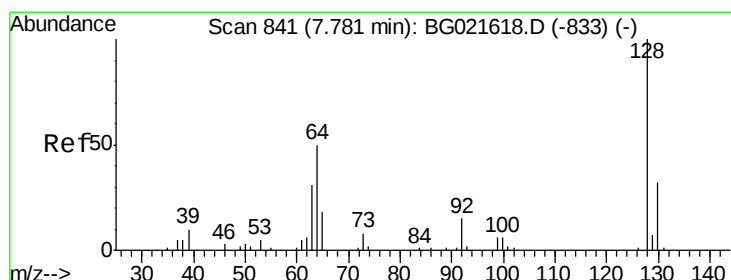
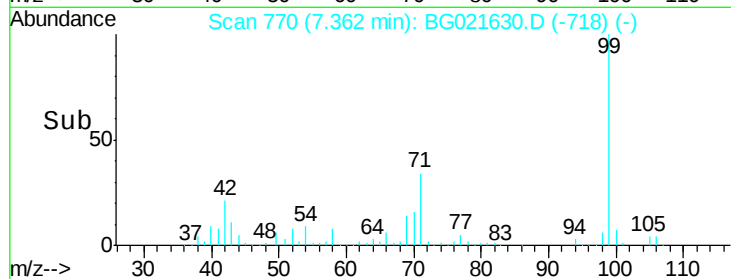
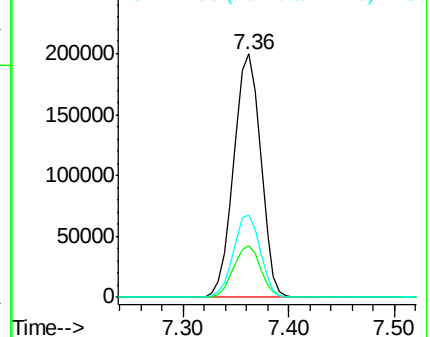
99 100

42 21.4 16.4 24.6

71 33.6 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.29 ng

RT: 7.78 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

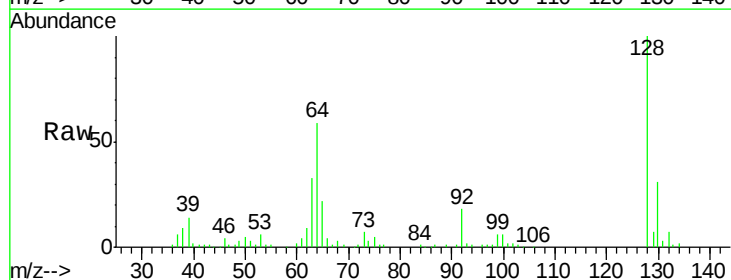
Tgt Ion: 128 Resp: 89843

Ion Ratio Lower Upper

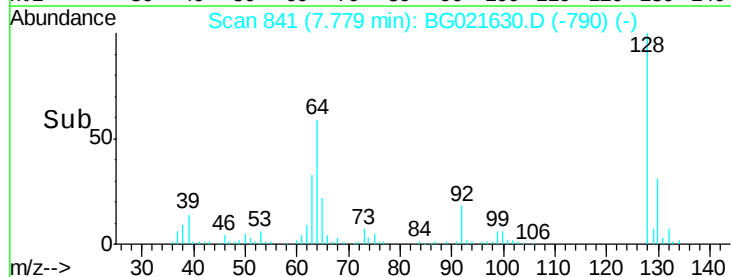
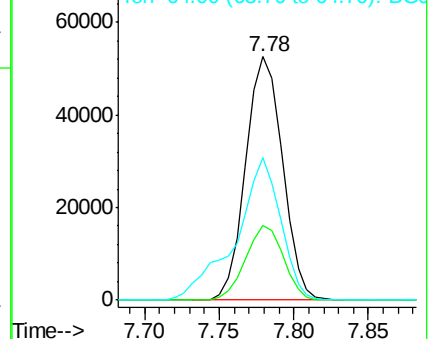
128 100

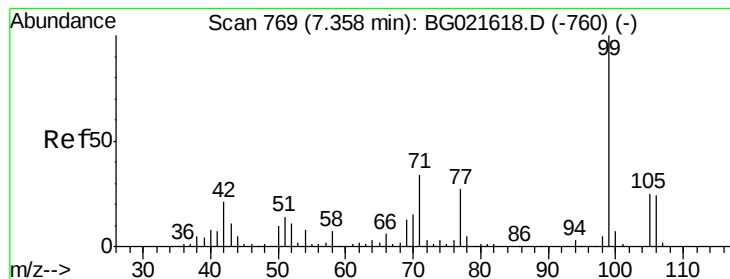
130 30.7 11.2 51.2

64 58.7 39.8 79.8



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





#9

Benzaldehyde

Concen: 18.46 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

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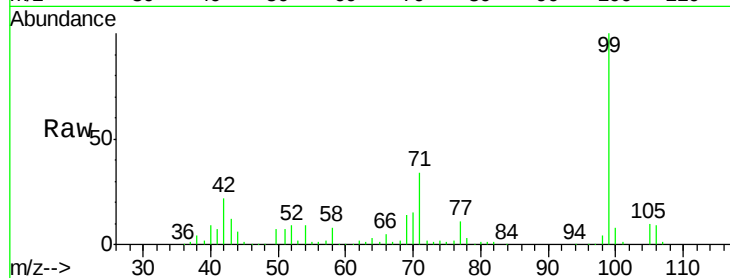
Tgt Ion: 77 Resp: 26982

Ion Ratio Lower Upper

77 100

105 85.7 62.1 102.1

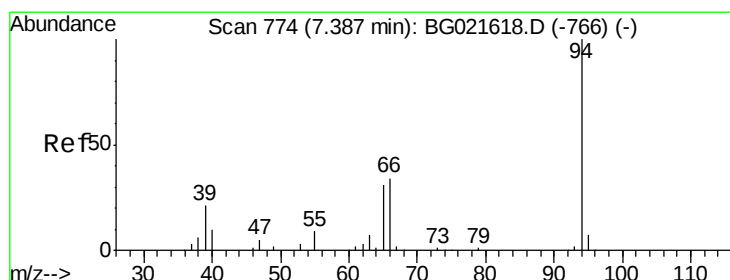
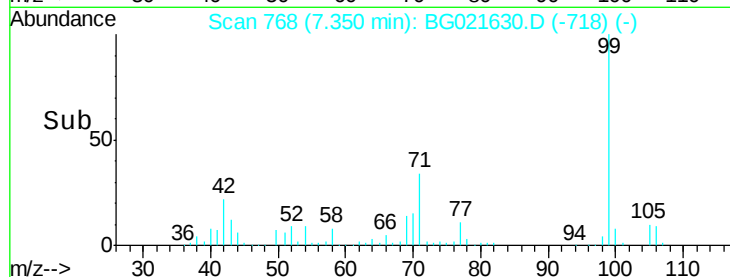
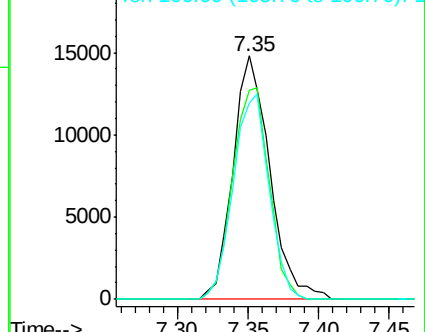
106 80.5 65.6 105.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.14 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

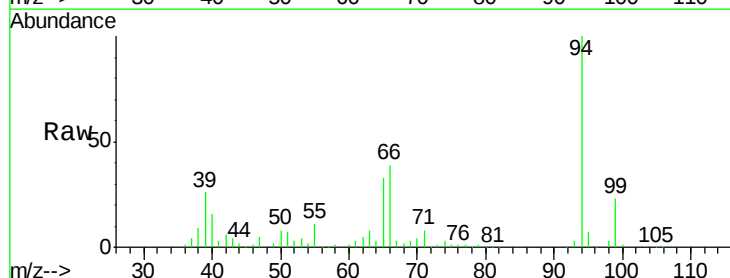
Tgt Ion: 94 Resp: 125433

Ion Ratio Lower Upper

94 100

65 32.9 9.8 49.8

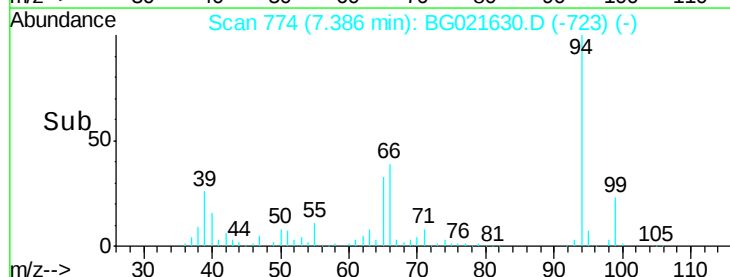
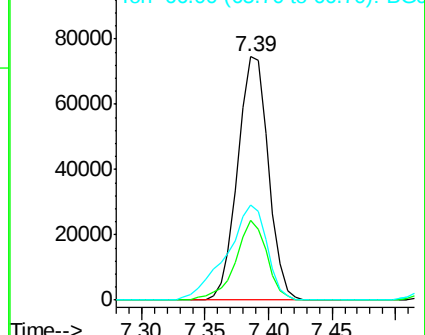
66 39.1 20.8 60.8

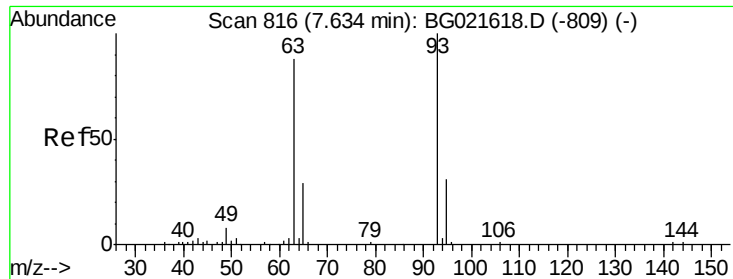


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

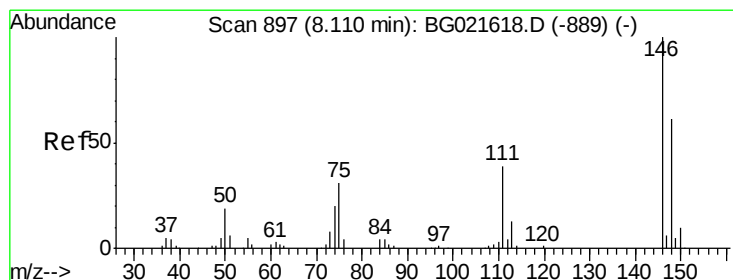
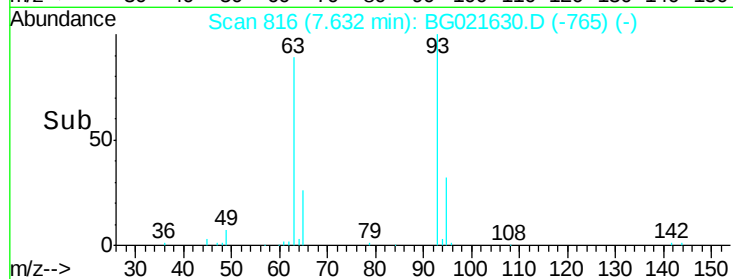
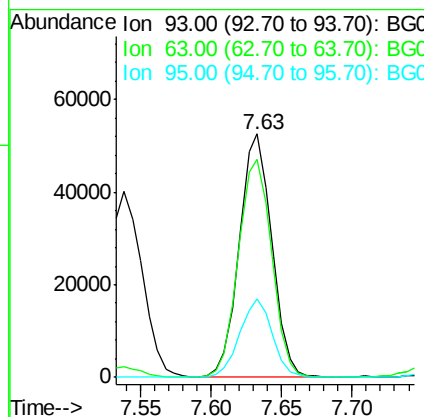
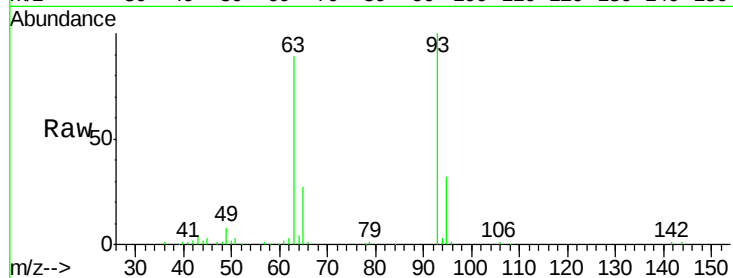




#11
 bis(2-Chloroethyl)ether
 Concen: 38.95 ng
 RT: 7.63 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

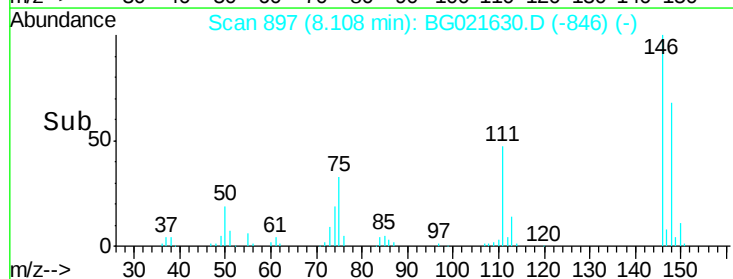
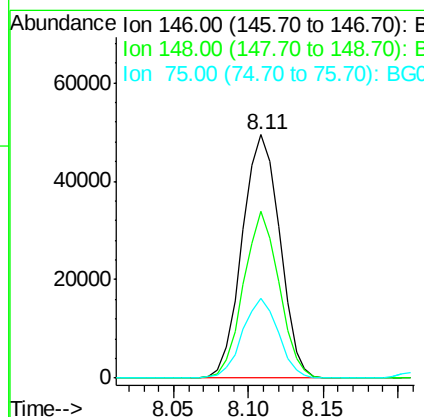
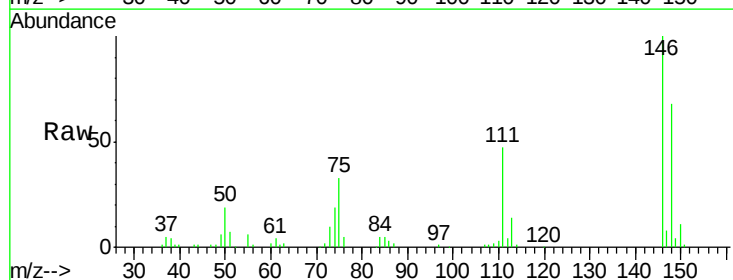
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

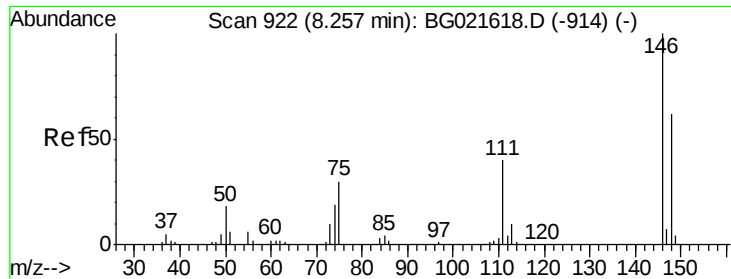
Tgt Ion: 93 Resp: 84757
 Ion Ratio Lower Upper
 93 100
 63 89.3 74.9 114.9
 95 32.3 8.3 48.3



#12
 1,3-Dichlorobenzene
 Concen: 38.09 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion: 146 Resp: 86283
 Ion Ratio Lower Upper
 146 100
 148 68.5 53.7 80.5
 75 32.7 27.4 41.0

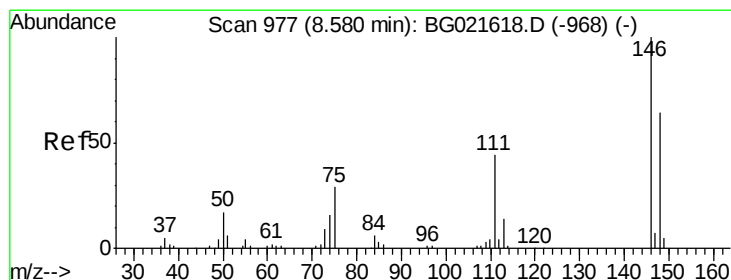
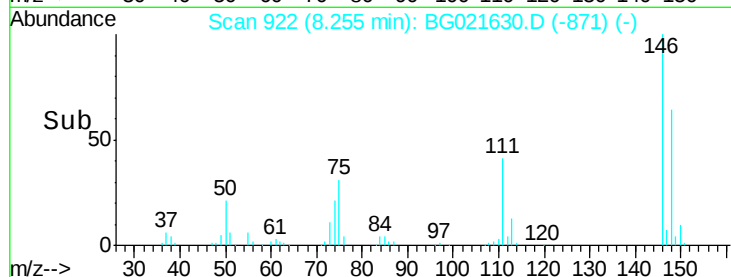
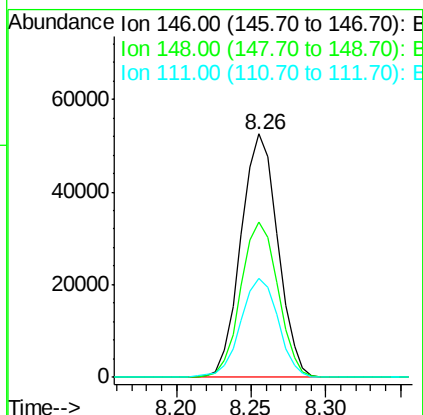
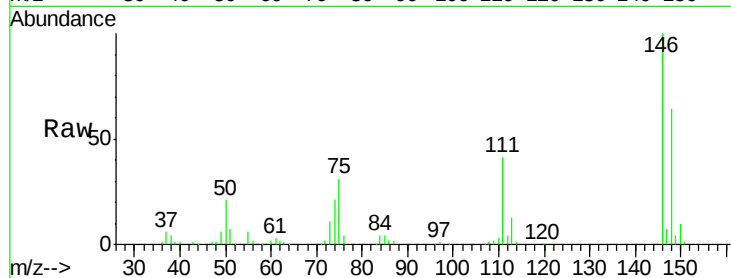




#13
 1,4-Dichlorobenzene
 Concen: 38.95 ng
 RT: 8.26 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

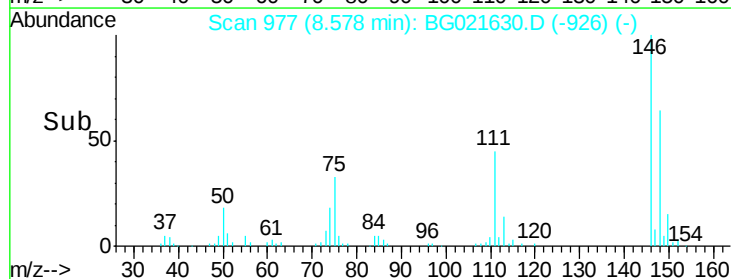
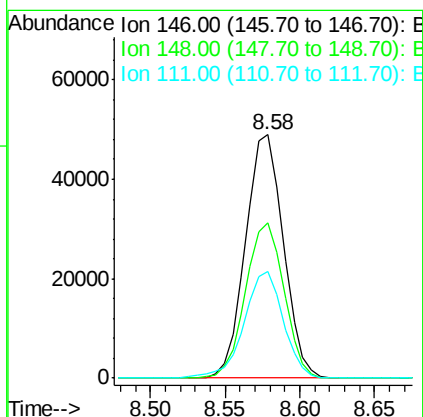
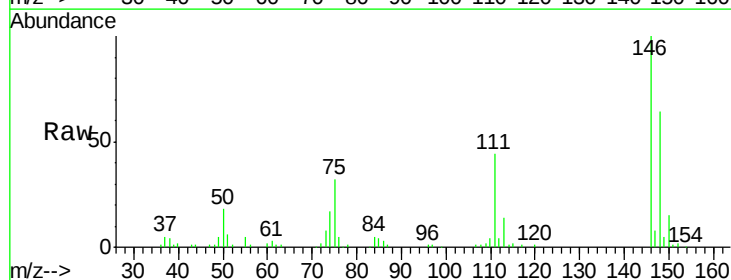
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

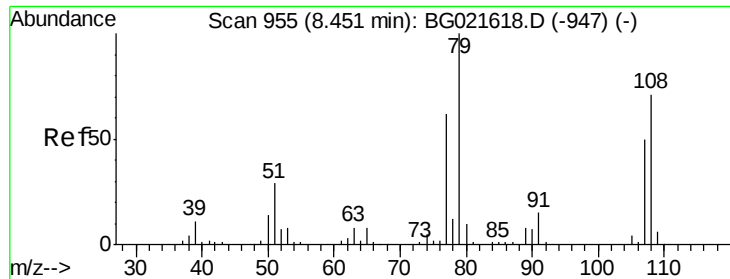
Tgt Ion:146 Resp: 89842
 Ion Ratio Lower Upper
 146 100
 148 63.8 46.7 70.1
 111 40.7 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 38.92 ng
 RT: 8.58 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:146 Resp: 86122
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 79.0
 111 43.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 45.26 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

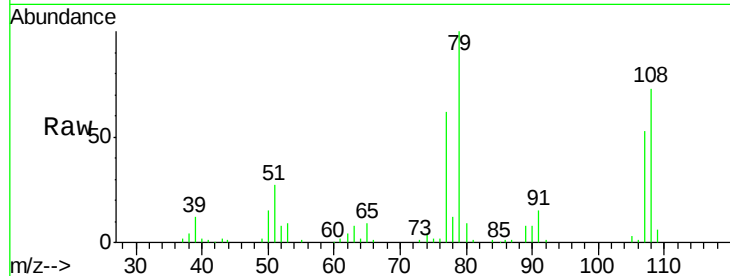
Tgt Ion: 79 Resp: 87425

Ion Ratio Lower Upper

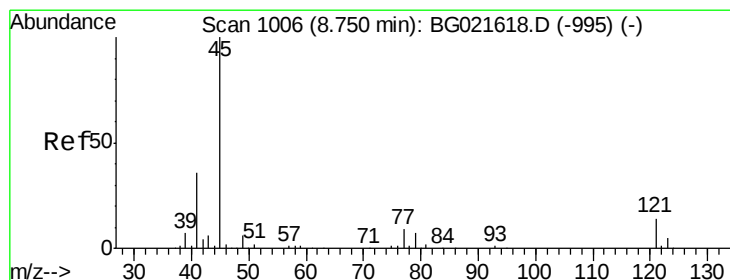
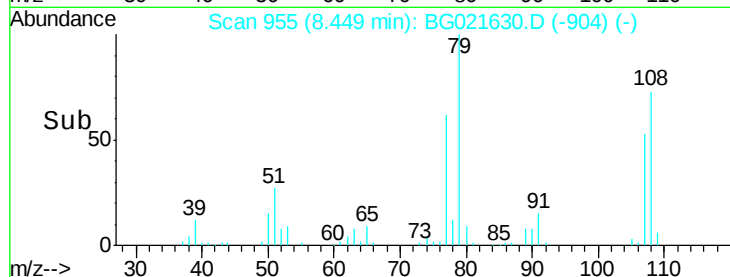
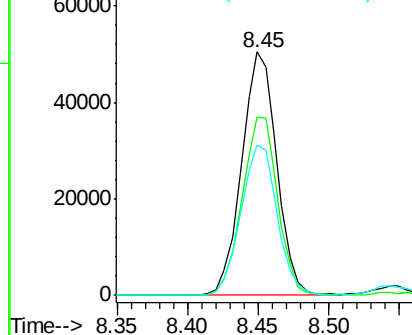
79 100

108 73.2 59.4 89.0

77 61.9 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.70 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

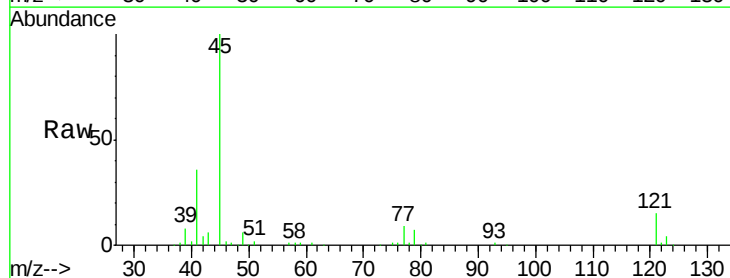
Tgt Ion: 45 Resp: 171058

Ion Ratio Lower Upper

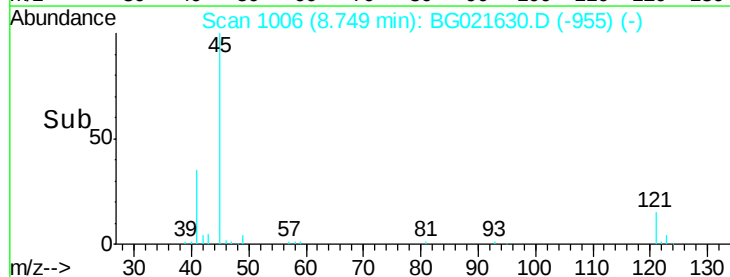
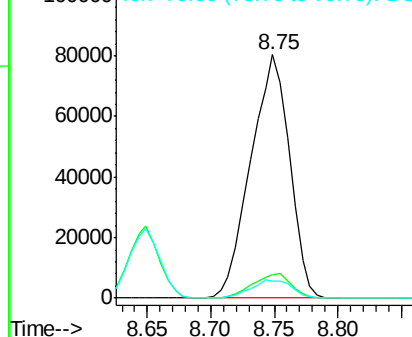
45 100

77 9.4 0.0 31.2

79 7.2 0.0 29.0



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

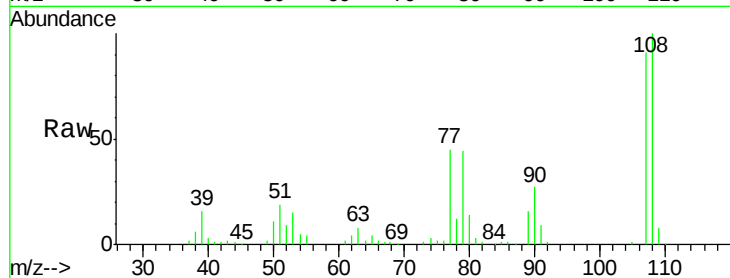




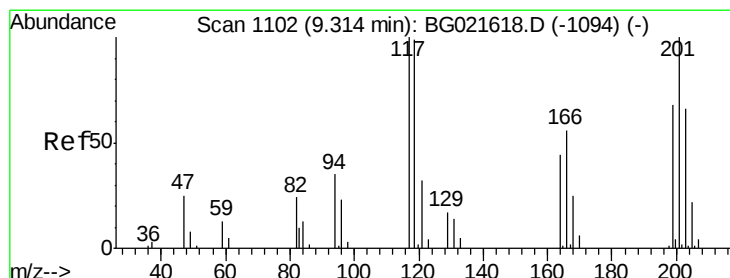
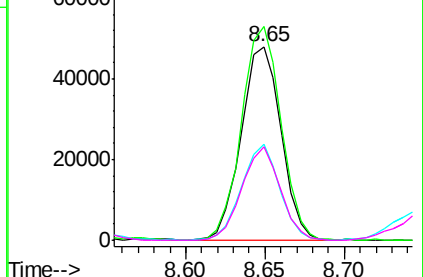
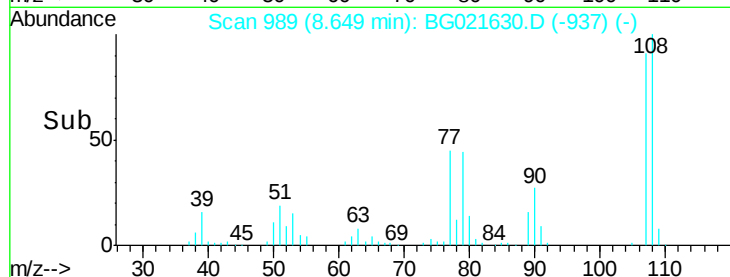
#17
2-Methylphenol
Concen: 44.56 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:107 Resp: 83764
Ion Ratio Lower Upper
107 100
108 110.3 80.2 120.4
77 49.6 40.7 61.1
79 48.2 39.8 59.8

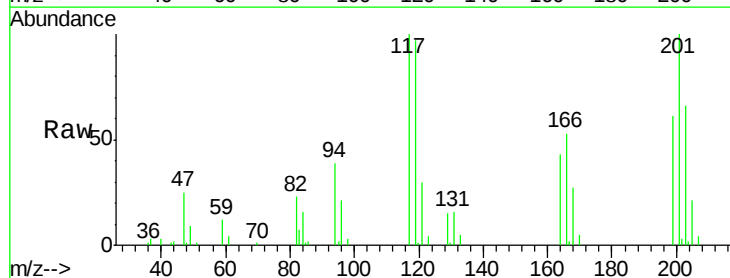


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

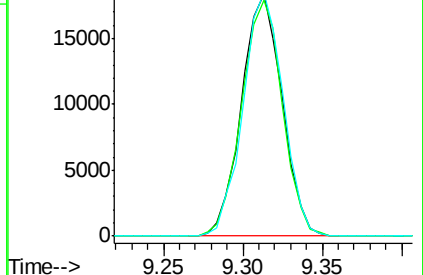
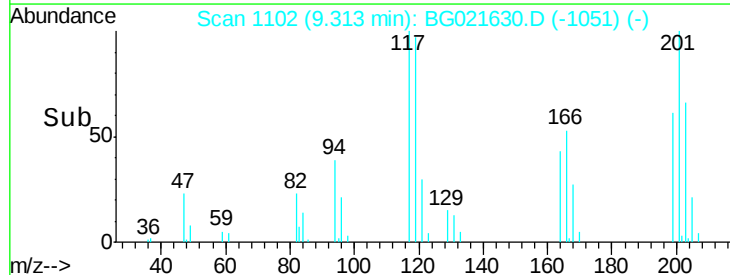


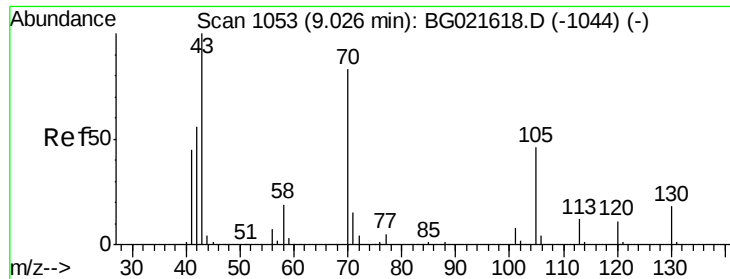
#18
Hexachloroethane
Concen: 38.94 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:117 Resp: 32685
Ion Ratio Lower Upper
117 100
119 97.3 63.9 95.9#
201 100.5 61.2 91.8#



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

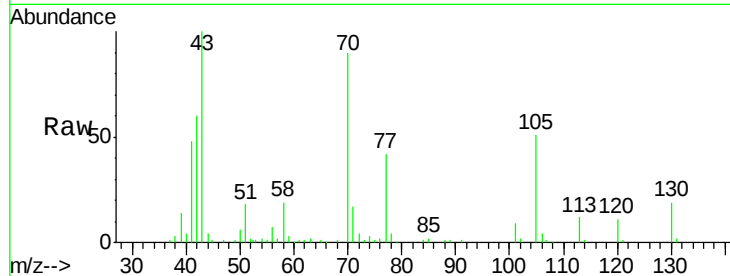




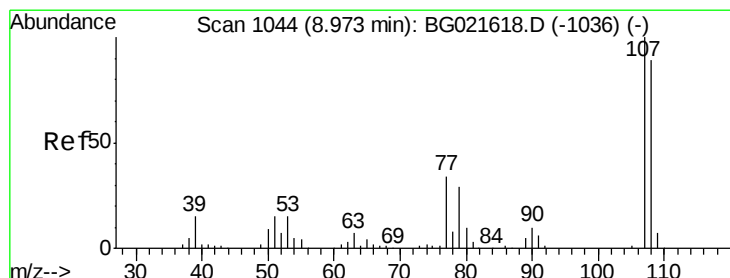
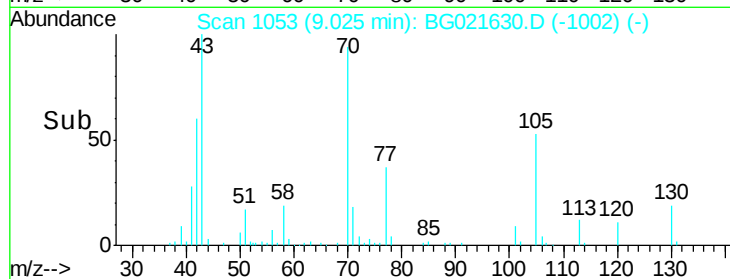
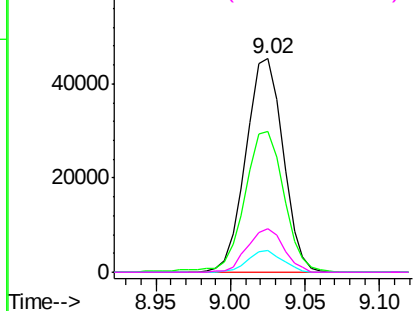
#19
n-Nitroso-di-n-propylamine
Concen: 39.90 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion: 70 Resp: 78358
Ion Ratio Lower Upper
70 100
42 66.2 56.7 85.1
101 10.0 8.2 12.4
130 20.6 14.0 21.0

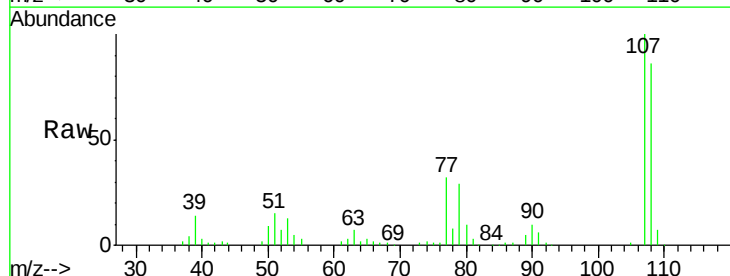


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

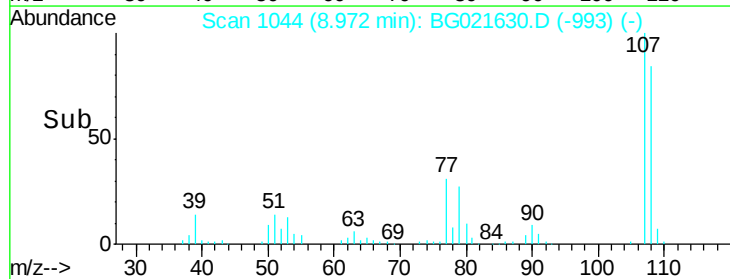
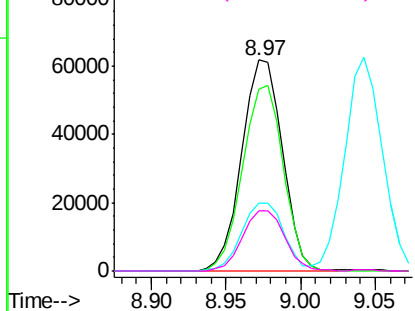


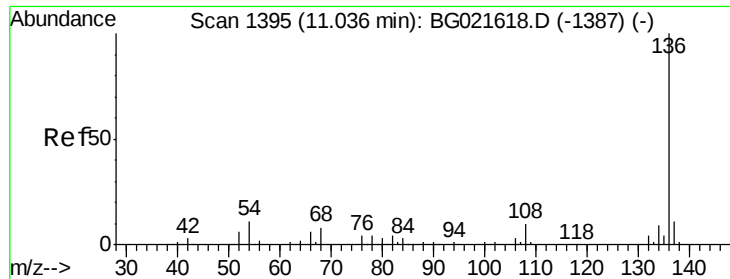
#20
3+4-Methylphenols
Concen: 45.49 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion: 107 Resp: 117009
Ion Ratio Lower Upper
107 100
108 86.2 66.2 106.2
77 32.2 11.5 51.5
79 28.8 5.6 45.6



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

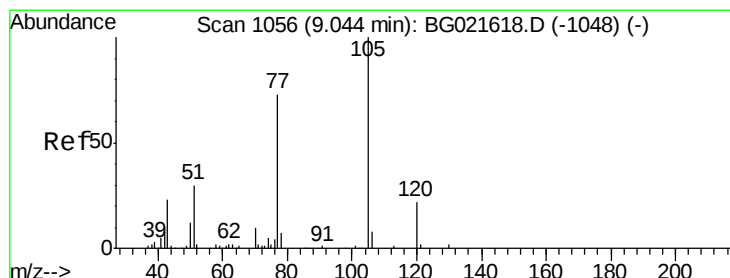
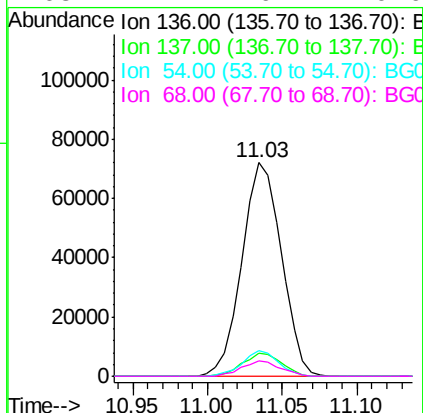
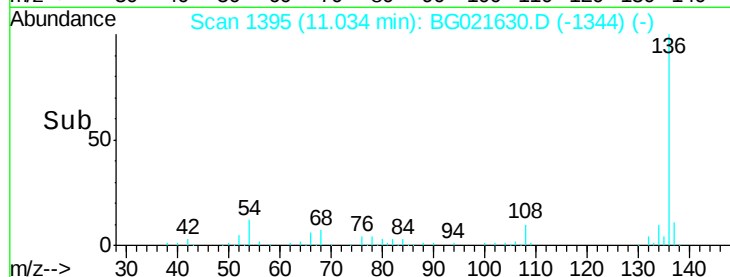
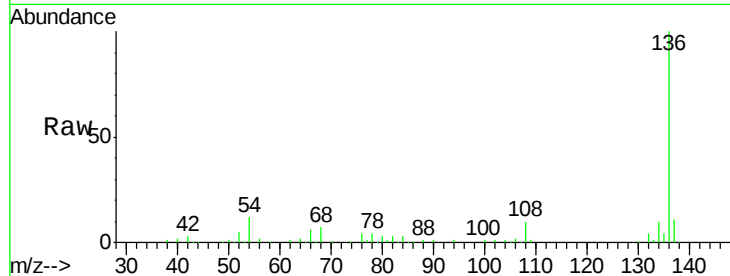




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

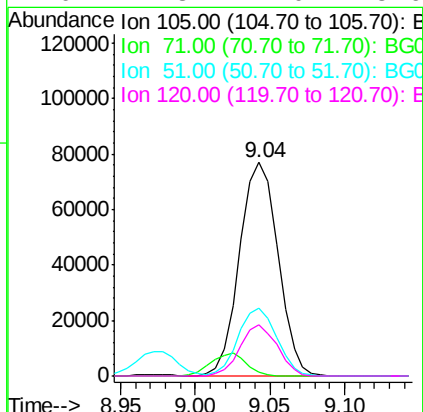
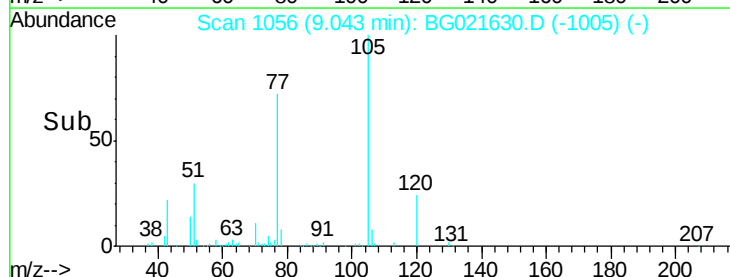
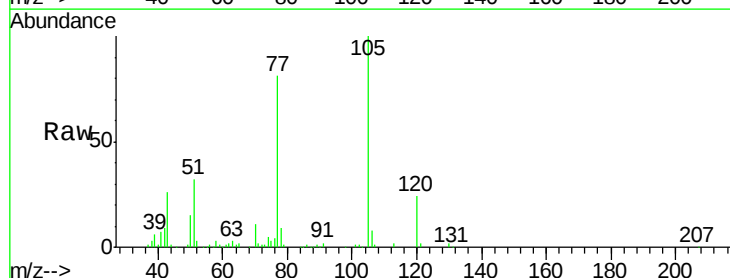
Instrument :
BNA_G
ClientSampleId :
PB89725BS

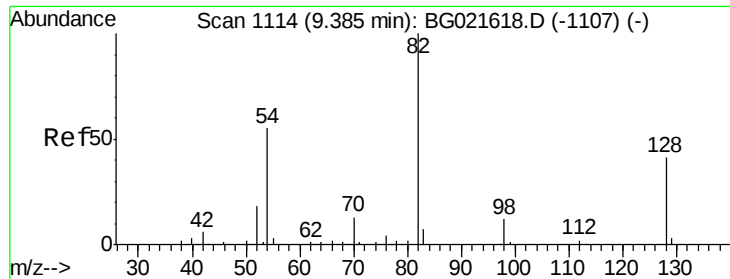
Tgt Ion:	136	Resp:	131709
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	12.1	9.6	14.4
68	7.4	6.4	9.6



#22
Acetophenone
Concen: 37.56 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:	105	Resp:	137797
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.0	0.0#
51	32.0	25.7	38.5
120	24.3	17.0	25.6

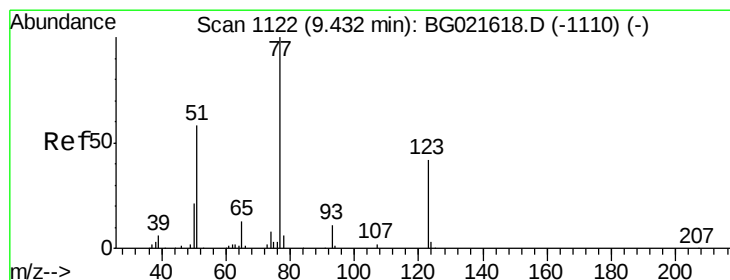
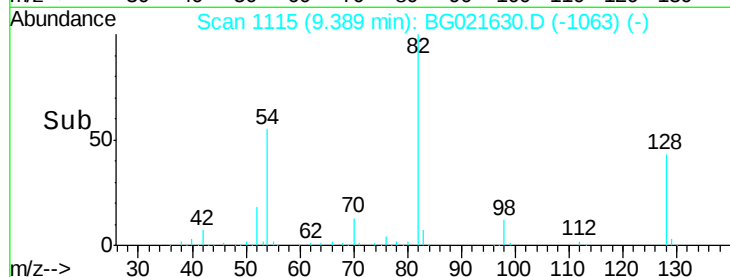
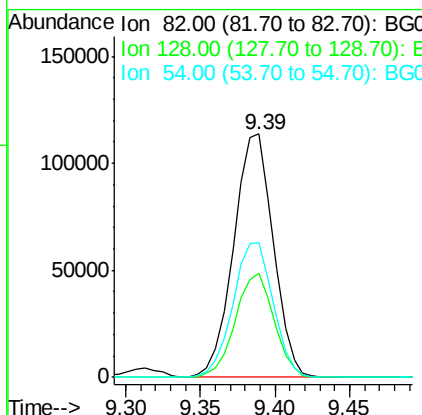
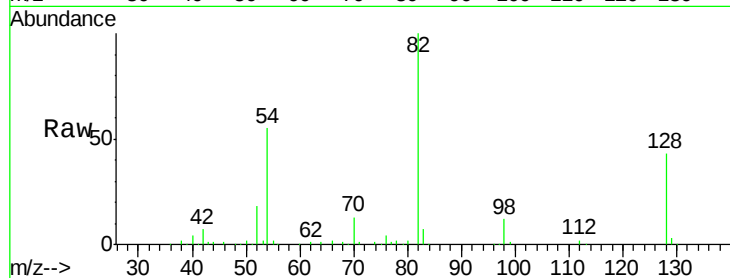




#23
 Nitrobenzene-d5
 Concen: 81.87 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

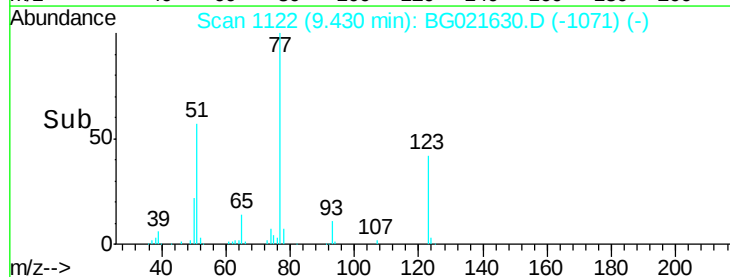
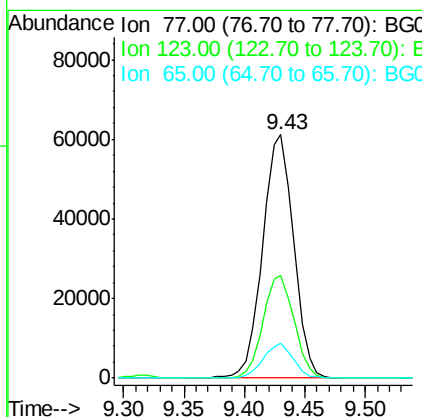
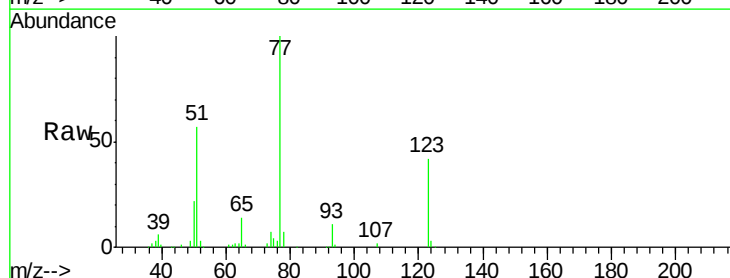
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

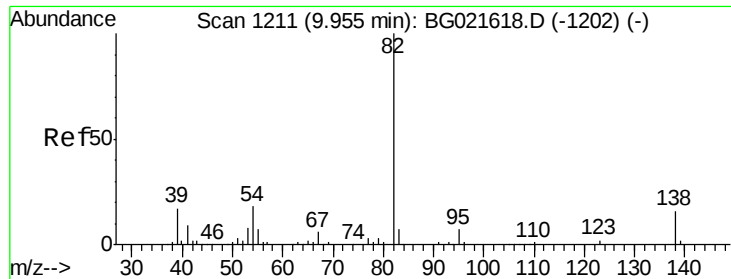
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	55.2	46.1	69.1



#24
 Nitrobenzene
 Concen: 39.49 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	32.2	48.4
65	14.5	10.3	15.5





#25

Isophorone

Concen: 37.93 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

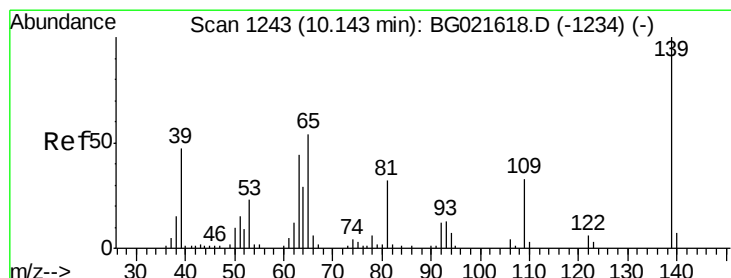
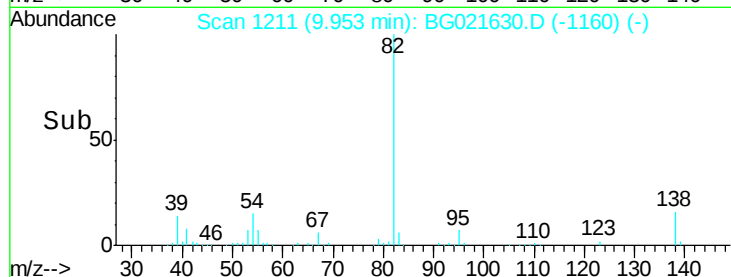
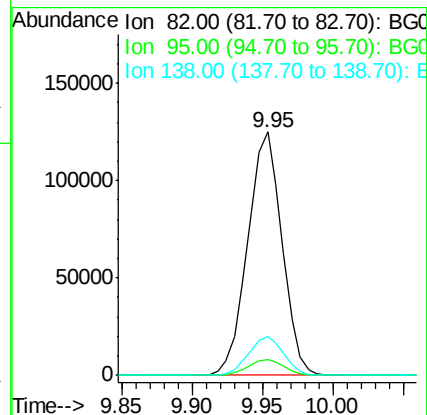
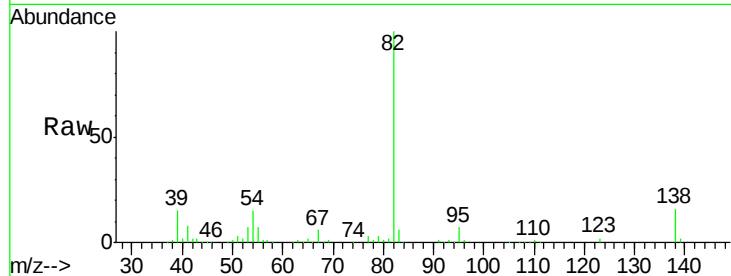
Tgt Ion: 82 Resp: 212736

Ion Ratio Lower Upper

82 100

95 6.5 6.0 9.0

138 16.1 13.4 20.0



#26

2-Nitrophenol

Concen: 39.95 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

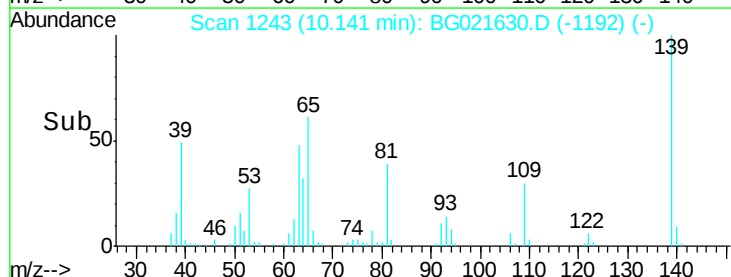
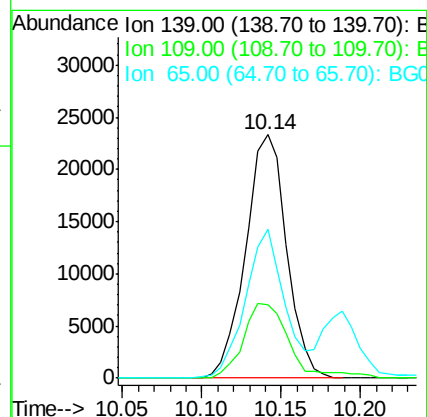
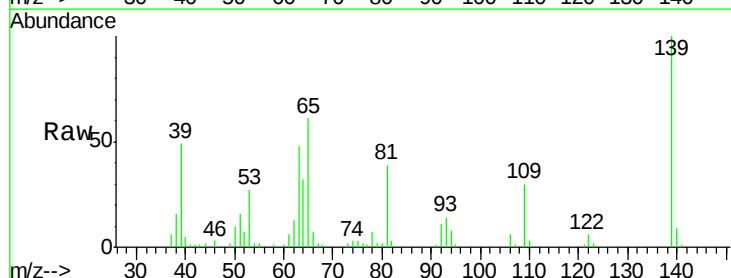
Tgt Ion: 139 Resp: 41847

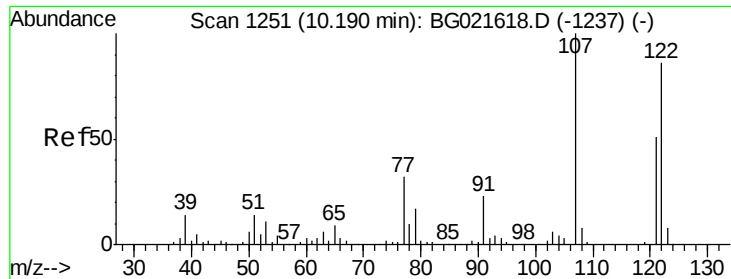
Ion Ratio Lower Upper

139 100

109 30.1 26.6 40.0

65 61.3 45.3 67.9

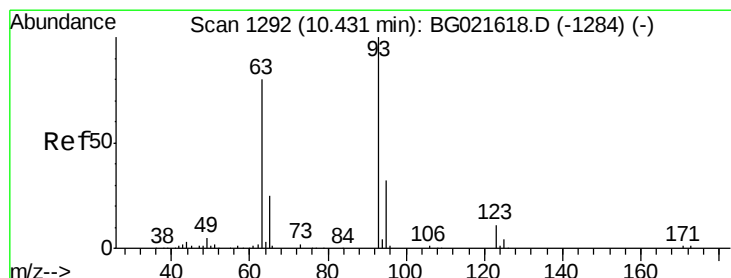
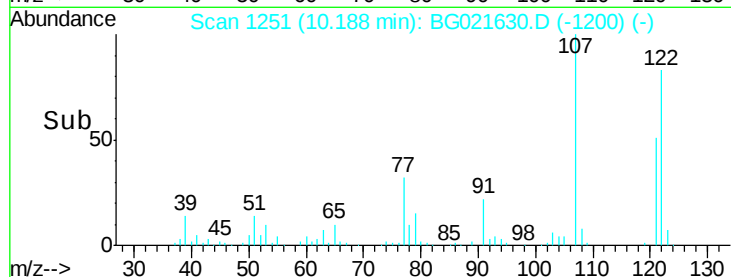
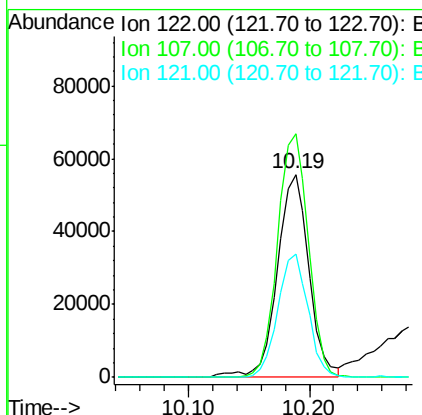
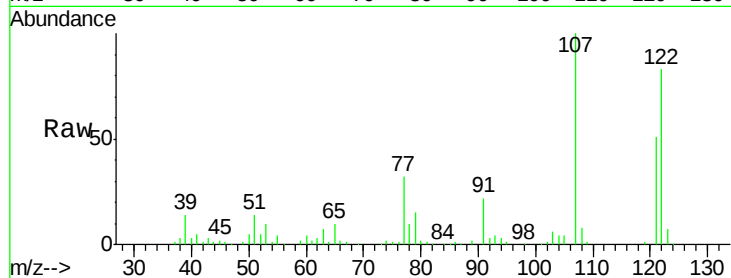




#27
 2,4-Dimethylphenol
 Concen: 42.21 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

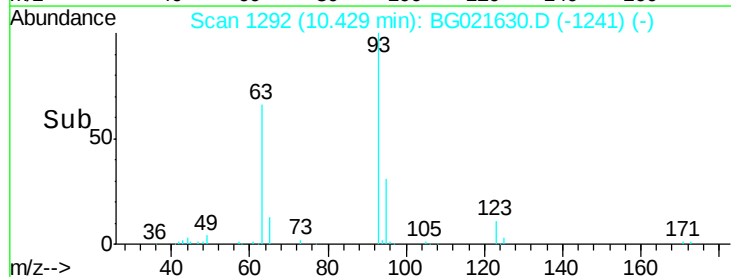
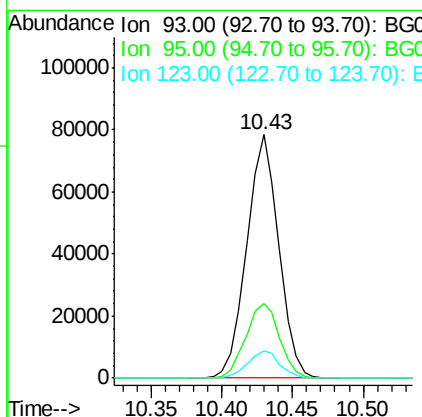
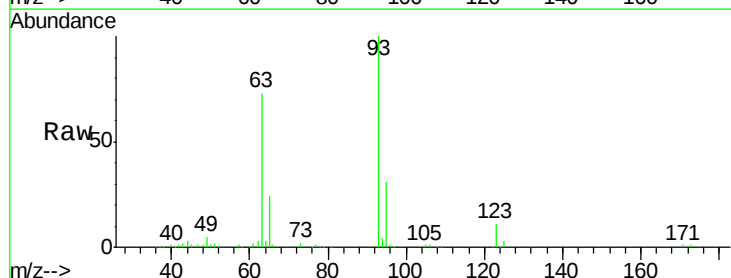
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

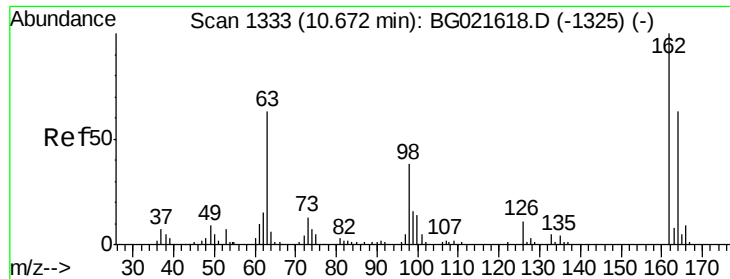
Tgt Ion:122 Resp: 100431
 Ion Ratio Lower Upper
 122 100
 107 120.0 97.2 145.8
 121 61.0 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.80 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion: 93 Resp: 124554
 Ion Ratio Lower Upper
 93 100
 95 30.8 30.1 45.1
 123 11.0 10.2 15.4

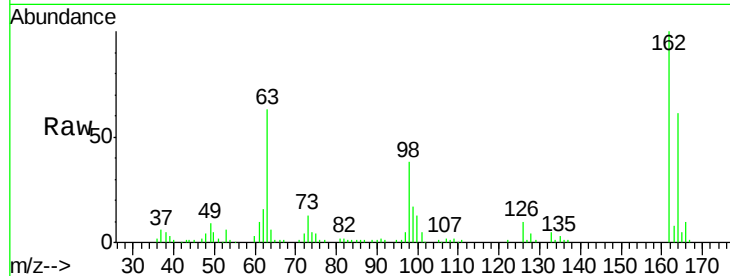




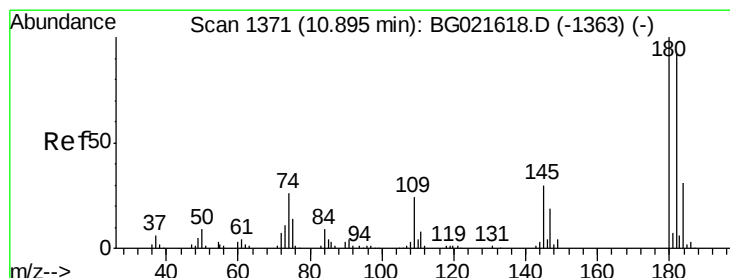
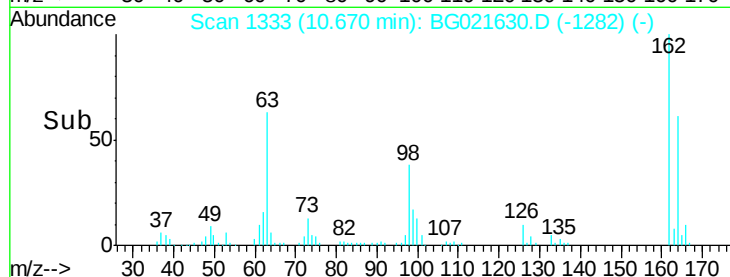
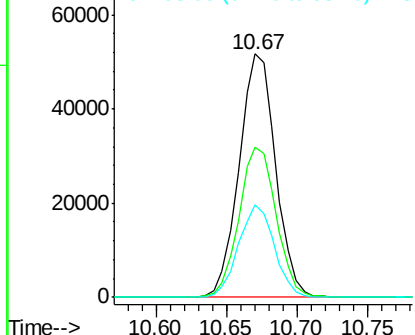
#29
 2,4-Dichlorophenol
 Concen: 45.98 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.9	84.9
98	38.2	19.2	59.2

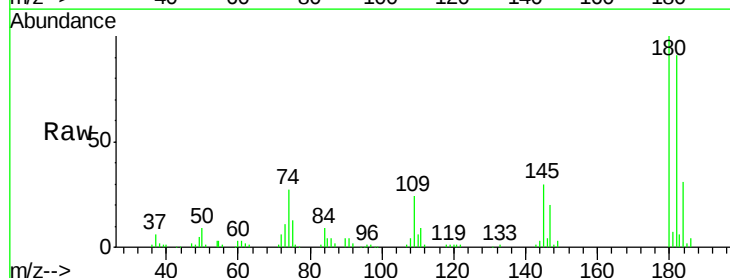


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

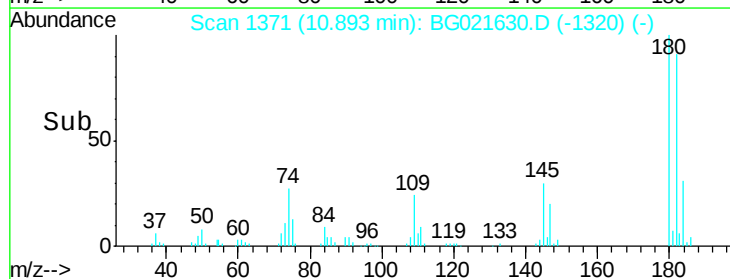
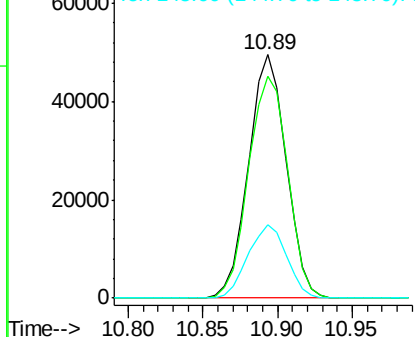


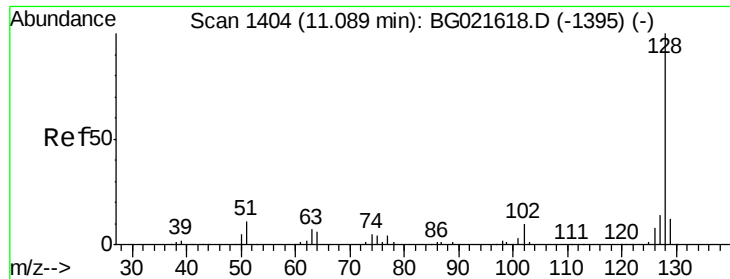
#30
 1,2,4-Trichlorobenzene
 Concen: 39.53 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	82.3	123.5
145	30.2	24.4	36.6



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

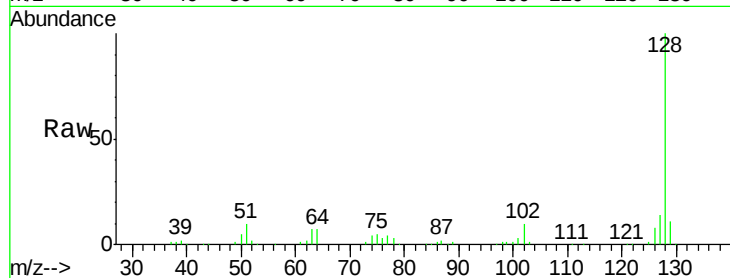




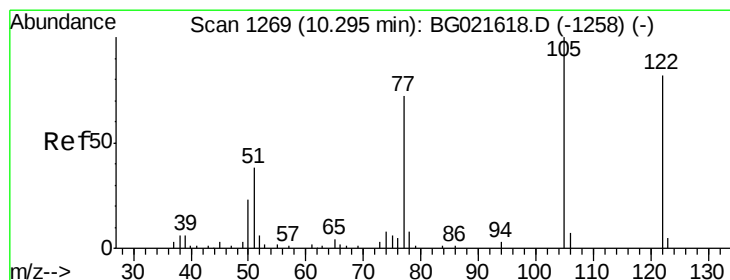
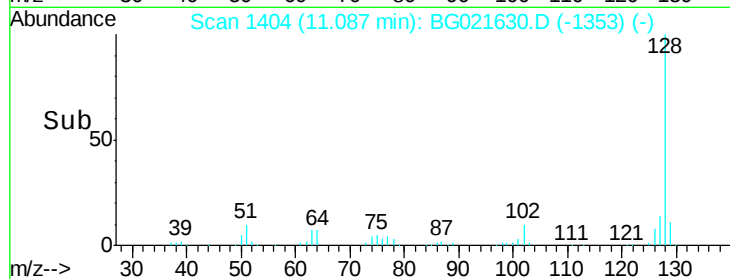
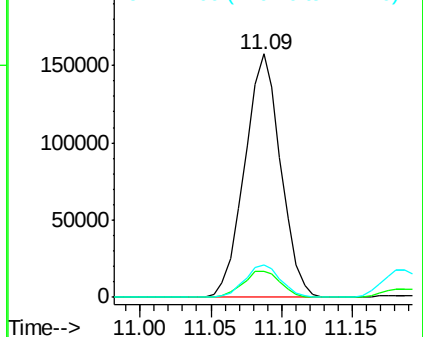
#31
Naphthalene
Concen: 39.83 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:128 Resp: 280751
Ion Ratio Lower Upper
128 100
129 10.9 7.0 10.6#
127 13.5 10.1 15.1

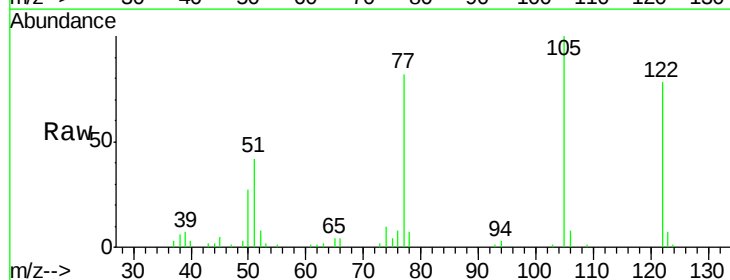


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

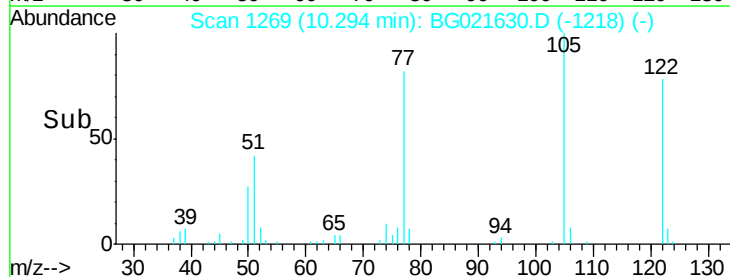
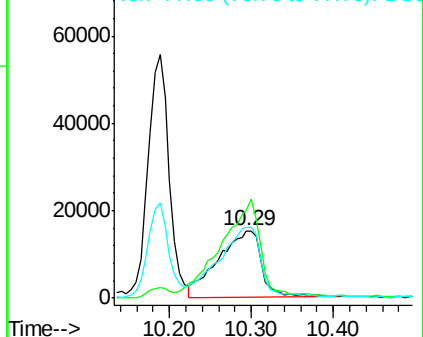


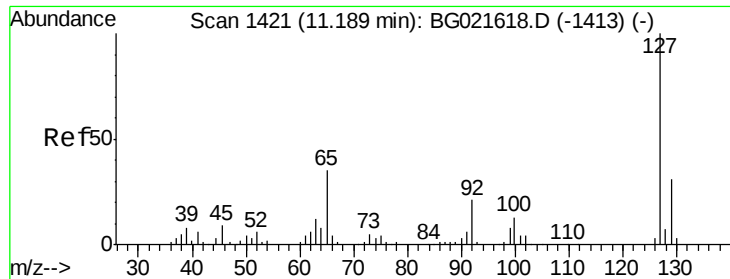
#32
Benzoic acid
Concen: 42.32 ng
RT: 10.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:122 Resp: 55258
Ion Ratio Lower Upper
122 100
105 128.7 104.5 144.5
77 105.1 79.9 119.9



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): BG

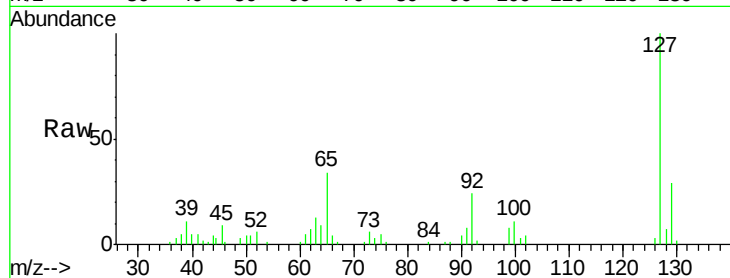




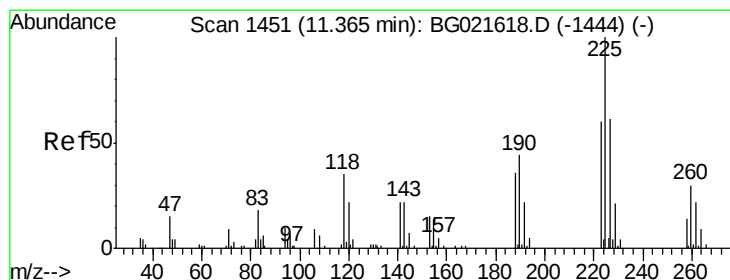
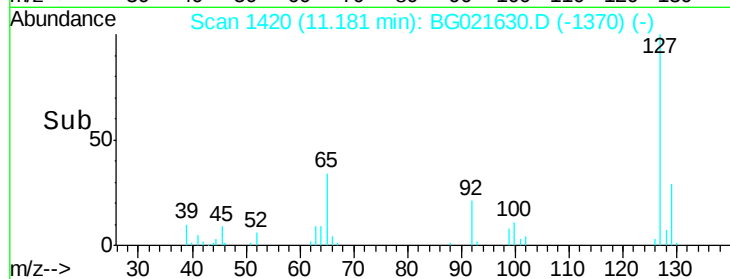
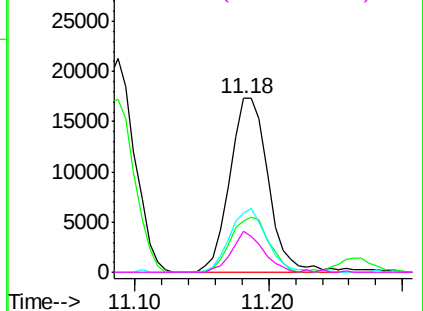
#33
4-Chloroaniline
Concen: 11.38 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:127 Resp: 34732
Ion Ratio Lower Upper
127 100
129 29.2 26.6 39.8
65 33.7 27.5 41.3
92 23.9 14.7 22.1#

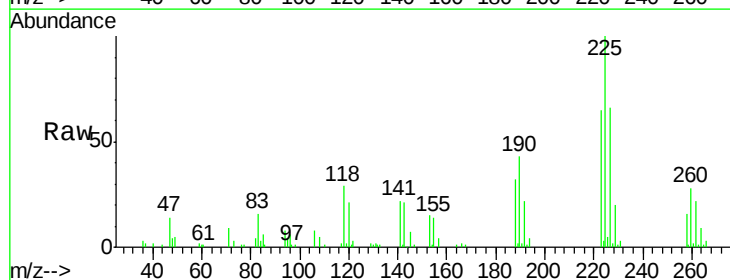


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

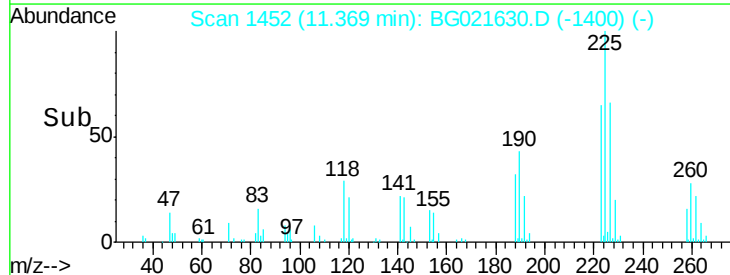
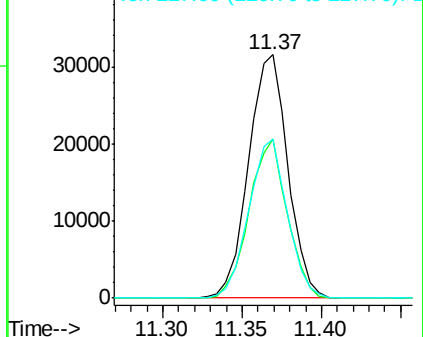


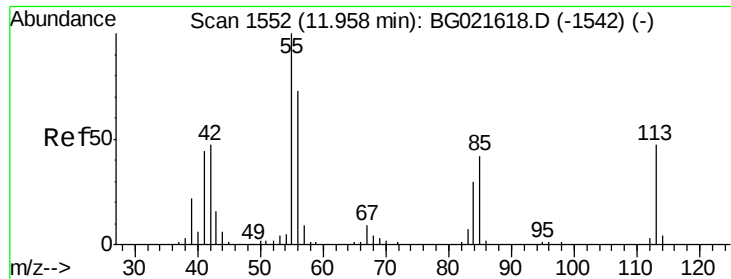
#34
Hexachlorobutadiene
Concen: 38.62 ng
RT: 11.37 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:225 Resp: 54332
Ion Ratio Lower Upper
225 100
223 65.4 52.7 79.1
227 65.6 49.7 74.5



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





#35

Caprolactam

Concen: 21.98 ng

RT: 11.95 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

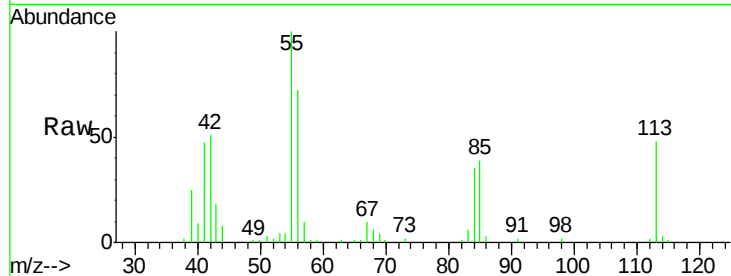
Tgt Ion:113 Resp: 20408

Ion Ratio Lower Upper

113 100

55 206.9 194.2 234.2

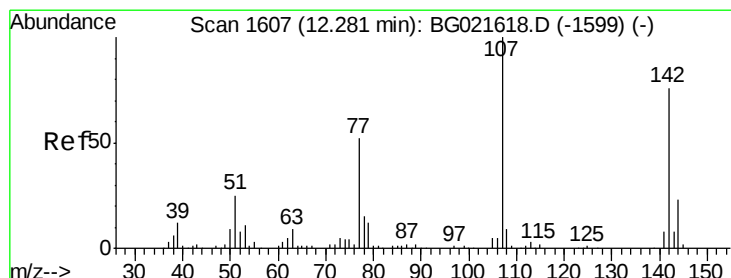
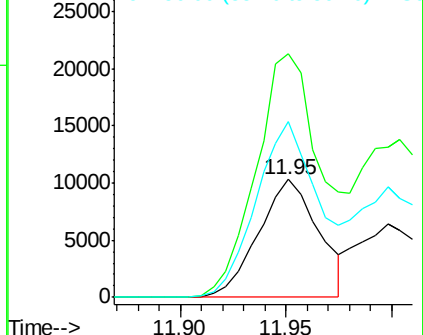
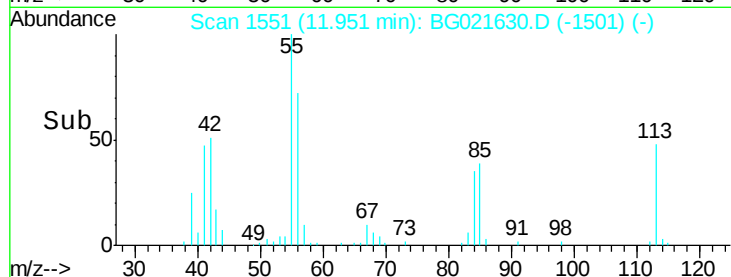
56 149.7 122.6 162.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021630.D (-1501) (-)

Ion 56.00 (55.70 to 56.70): BG021630.D (-1501) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.99 ng

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

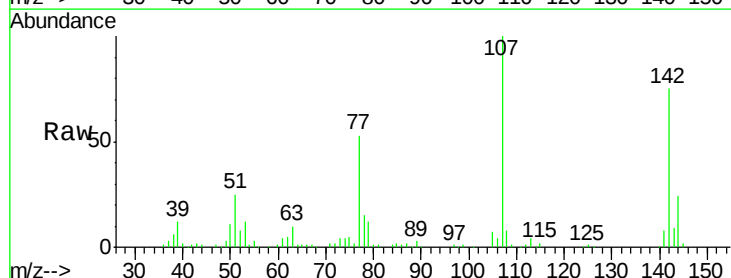
Tgt Ion:107 Resp: 114777

Ion Ratio Lower Upper

107 100

144 23.7 19.2 28.8

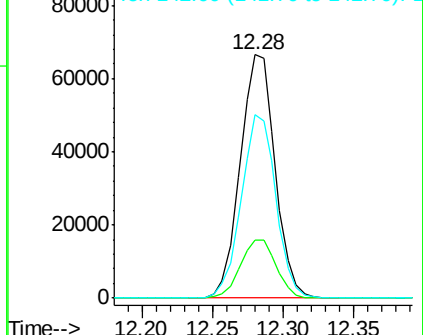
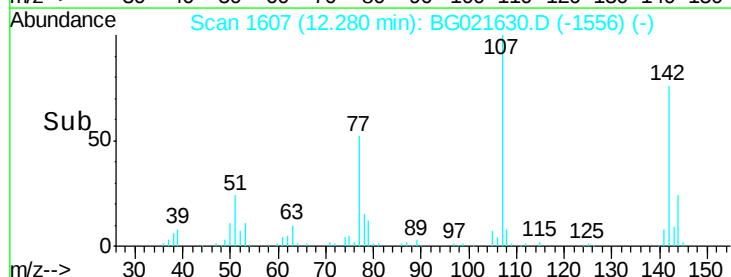
142 75.4 59.1 88.7

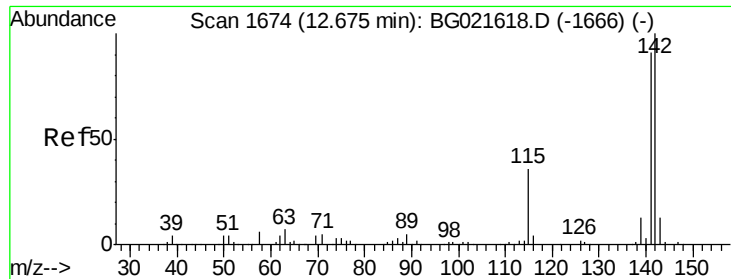


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

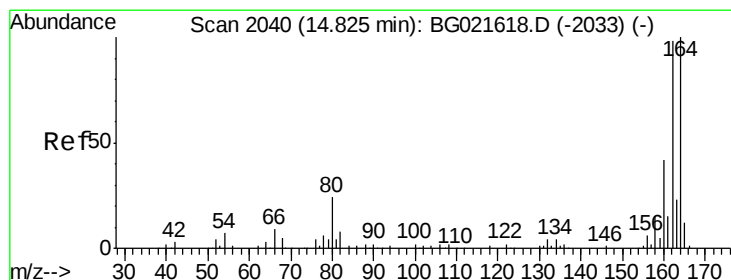
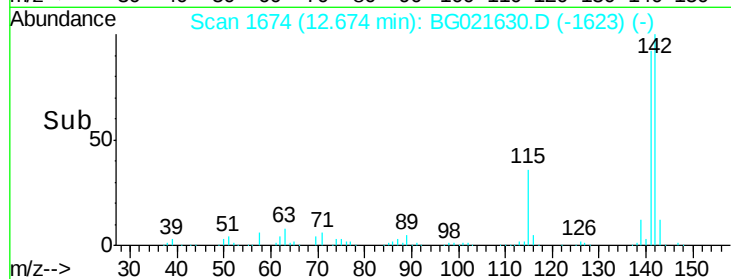
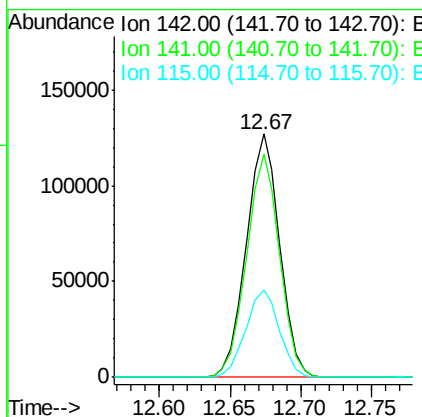
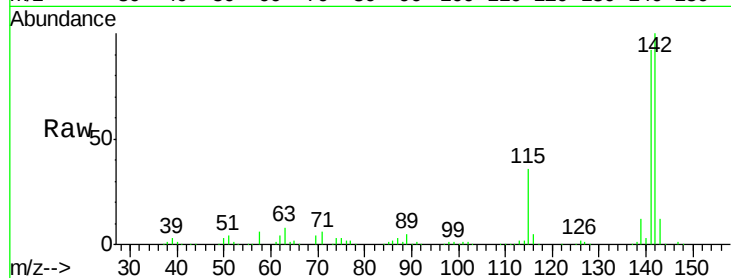




#37
 2-Methylnaphthalene
 Concen: 43.32 ng
 RT: 12.67 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

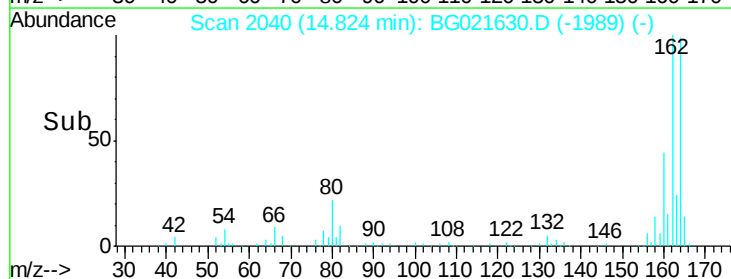
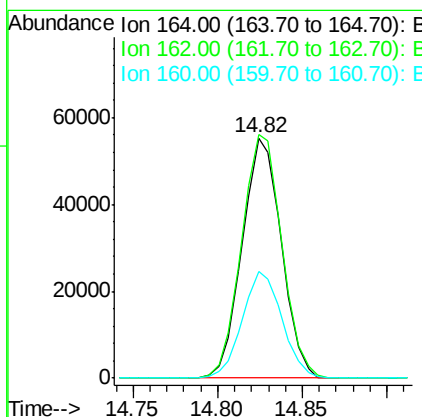
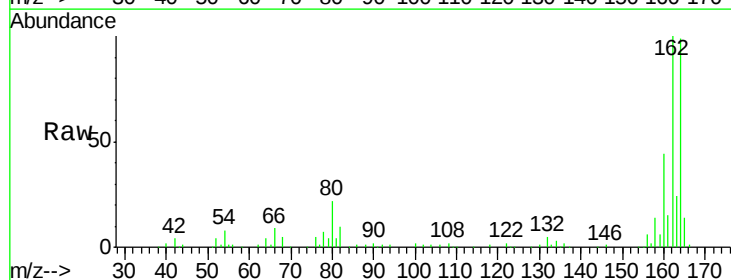
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

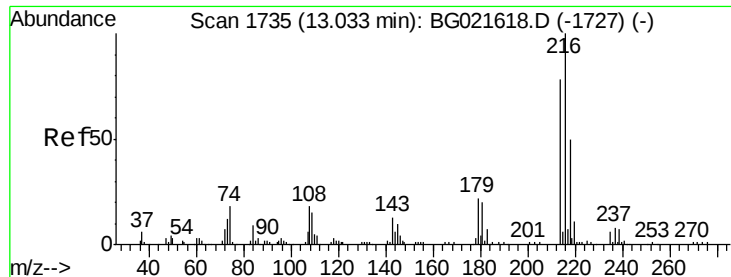
Tgt Ion:142 Resp: 209633
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.4 107.0
 115 36.0 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:164 Resp: 88964
 Ion Ratio Lower Upper
 164 100
 162 101.3 78.0 117.0
 160 44.2 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.45 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

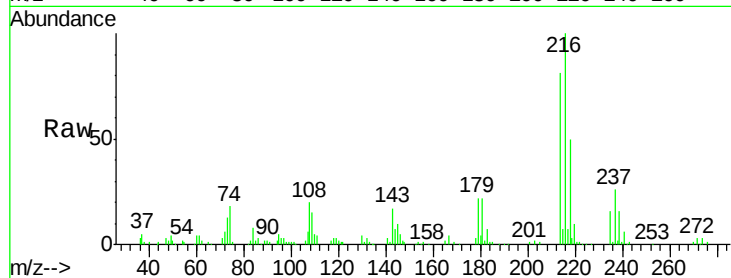
Instrument :

BNA_G

ClientSampleId :

PB89725BS

Tgt Ion:	216	Resp:	101355
Ion Ratio		Lower	Upper
216	100		
214	80.6	62.2	93.2
179	21.4	16.7	25.1
108	22.1	14.0	21.0#

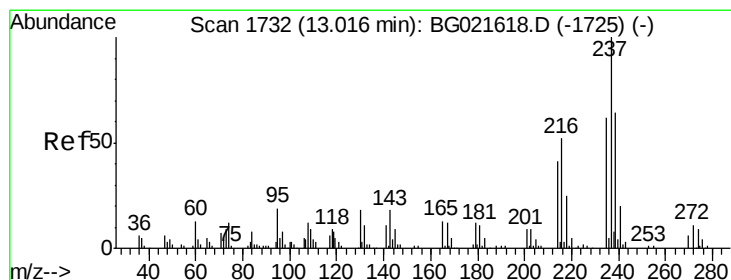
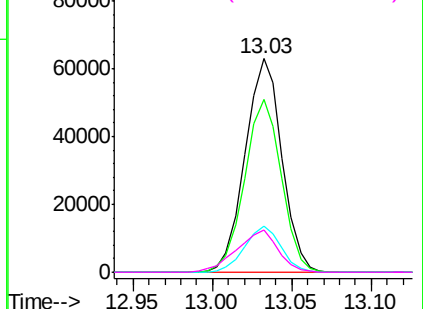
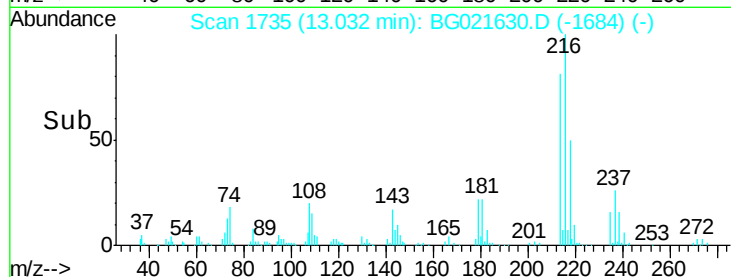


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.36 ng

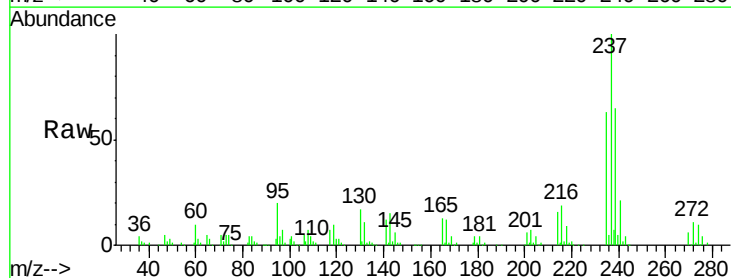
RT: 13.01 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

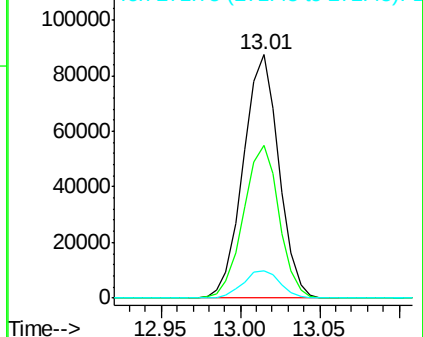
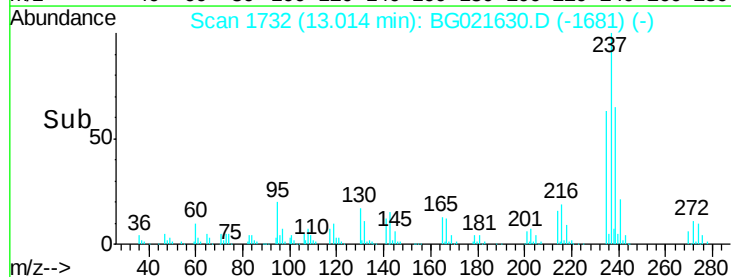
Tgt Ion:	237	Resp:	136471
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.2	83.2
272	11.3	0.0	33.4

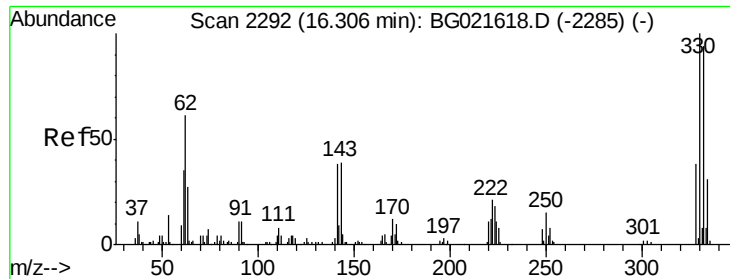


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

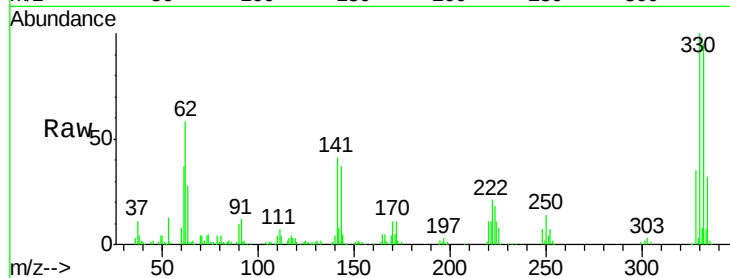




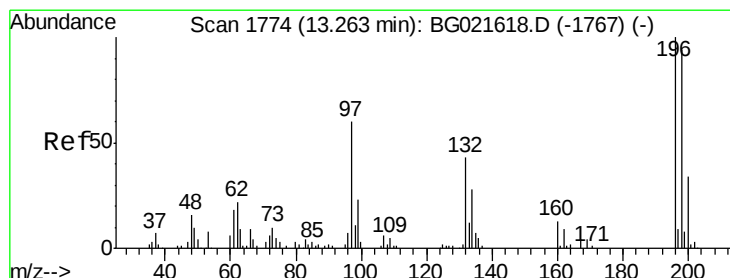
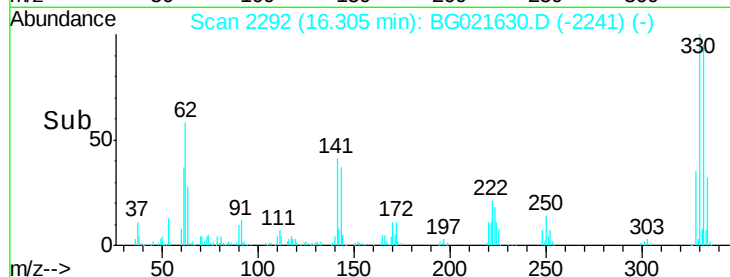
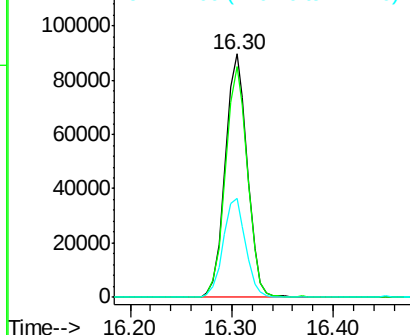
#41
 2,4,6-Tribromophenol
 Concen: 141.35 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion:330 Resp: 135526
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.0 117.0
 141 41.2 33.8 50.8

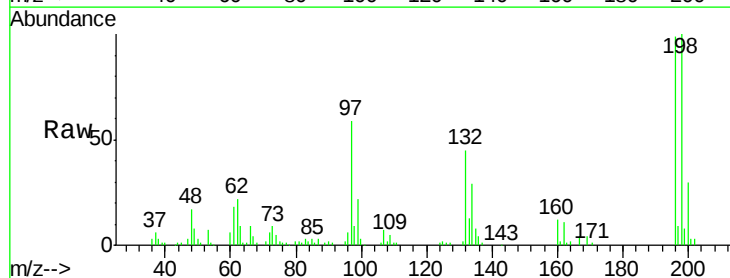


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

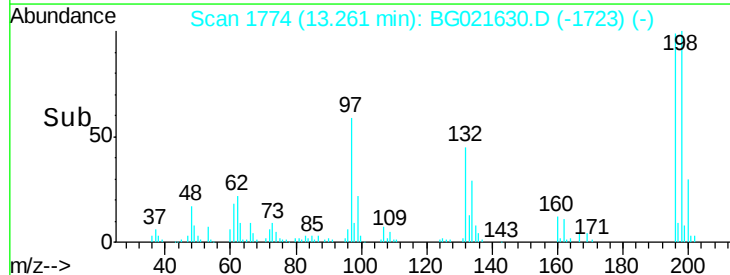
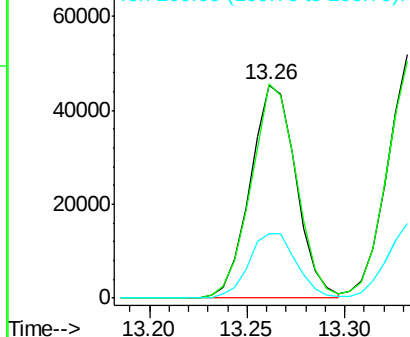


#42
 2,4,6-Trichlorophenol
 Concen: 41.57 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:196 Resp: 73704
 Ion Ratio Lower Upper
 196 100
 198 100.6 80.1 120.1
 200 30.2 24.1 36.1



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

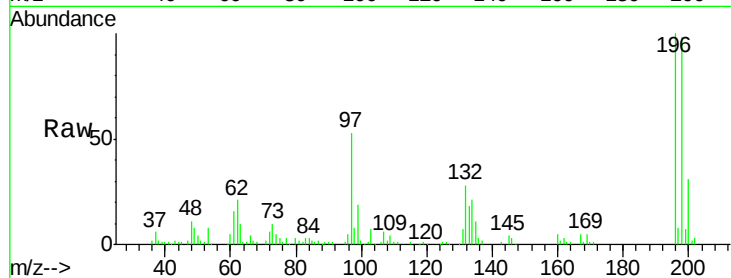




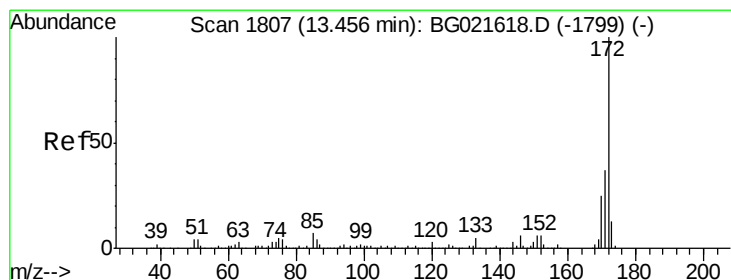
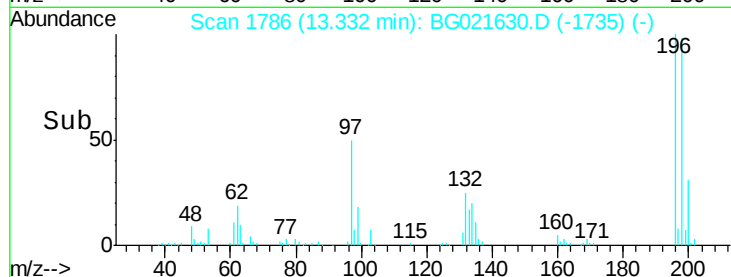
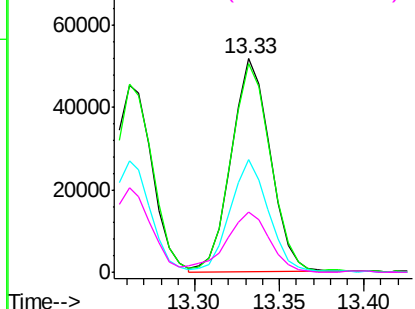
#43
 2,4,5-Trichlorophenol
 Concen: 43.19 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampled :
 PB89725BS

Tgt Ion:196 Resp: 82632
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.0 117.0
 97 52.9 43.0 64.6
 132 28.3 23.0 34.4

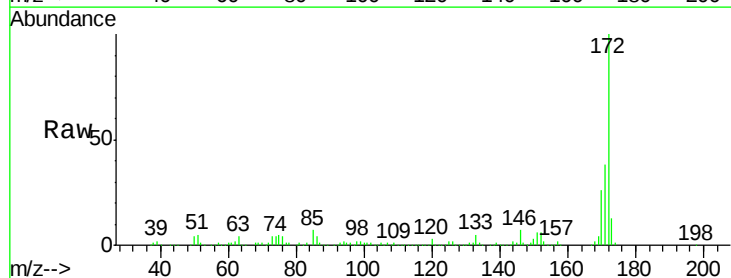


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

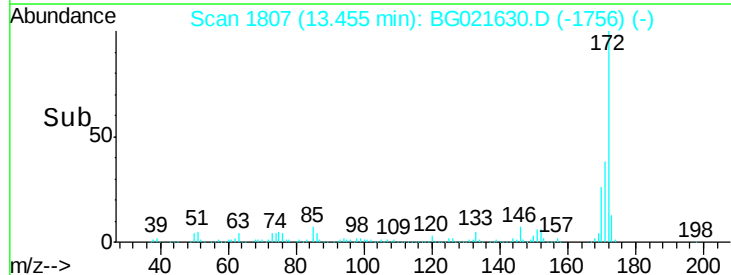
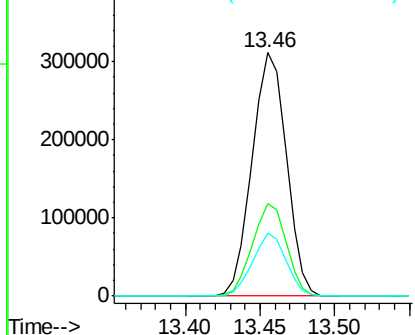


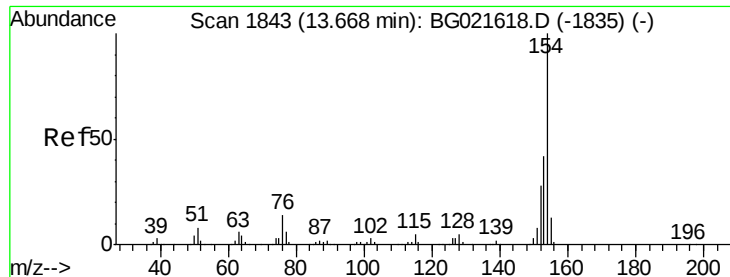
#44
 2-Fluorobiphenyl
 Concen: 81.37 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:172 Resp: 494101
 Ion Ratio Lower Upper
 172 100
 171 38.2 27.8 41.6
 170 25.9 19.6 29.4



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

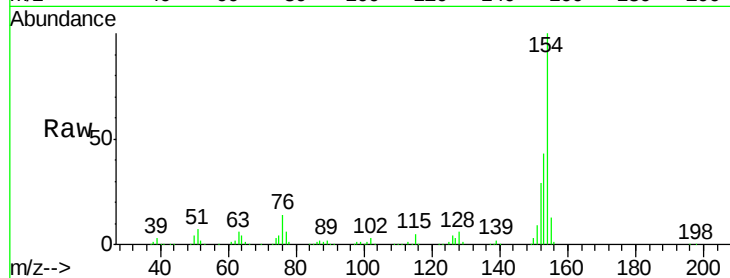




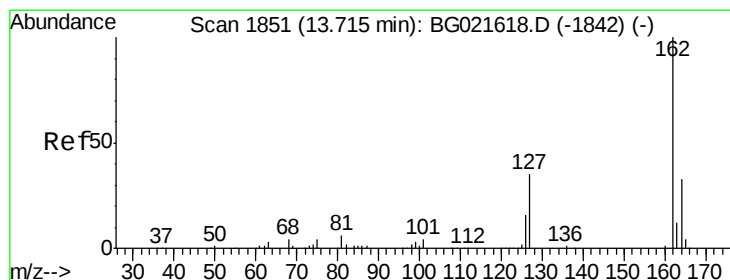
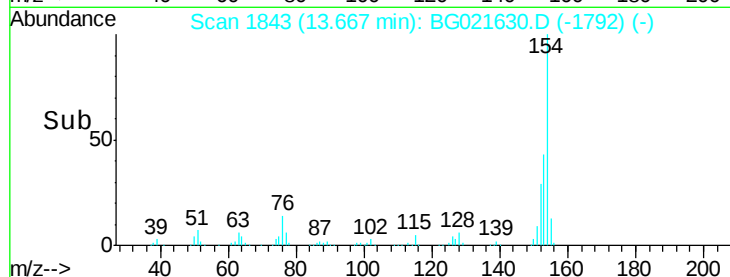
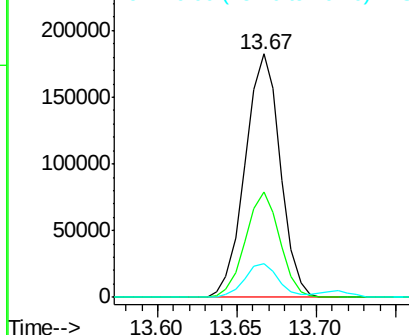
#45
 1,1'-Biphenyl
 Concen: 37.40 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.7	59.7
76	13.7	0.0	33.0

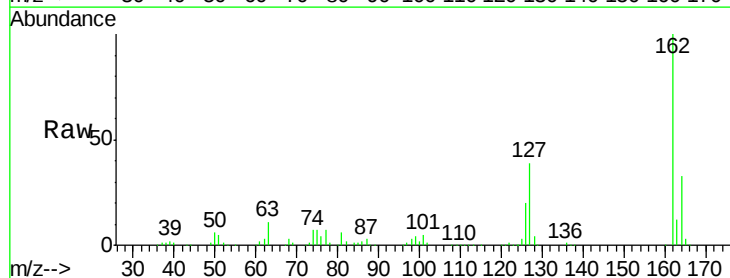


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

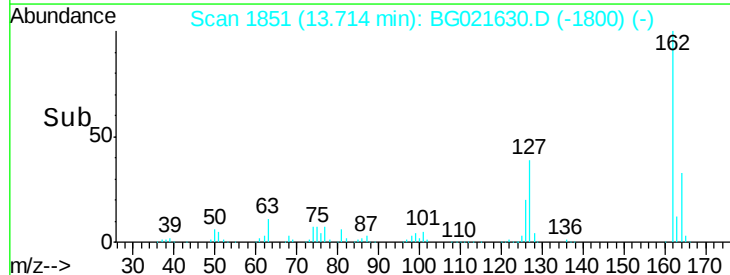
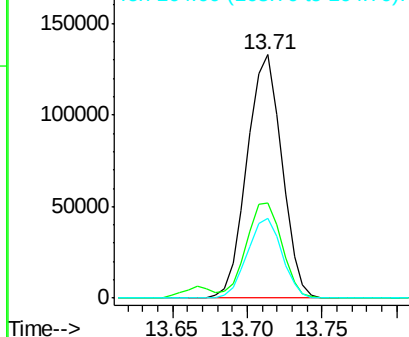


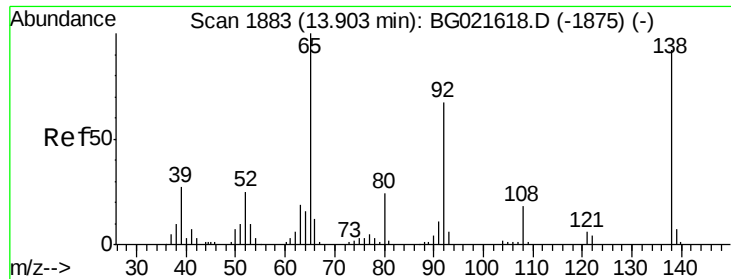
#46
 2-Chloronaphthalene
 Concen: 38.74 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.0	48.0
164	32.6	27.0	40.4



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

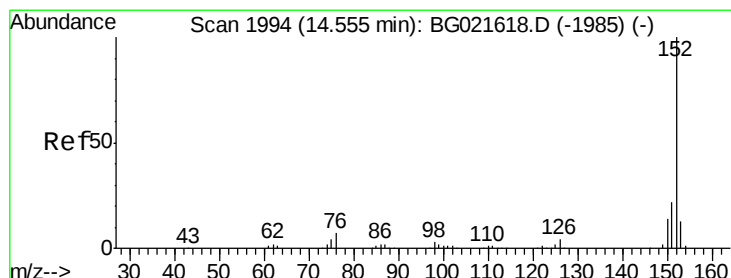
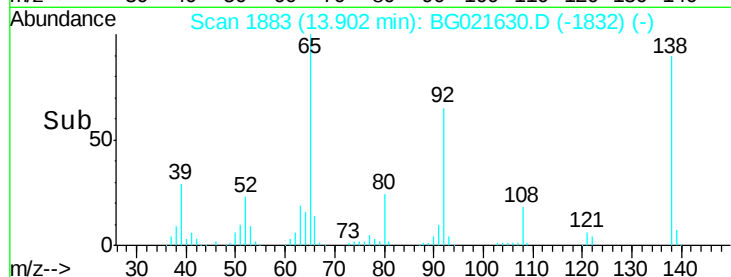
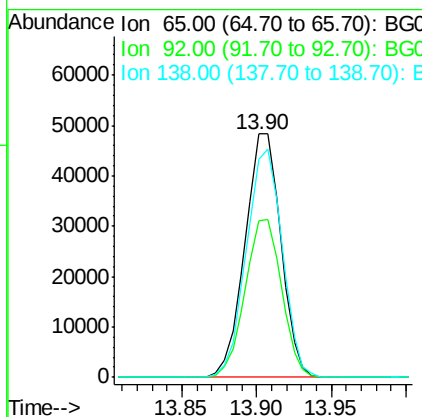
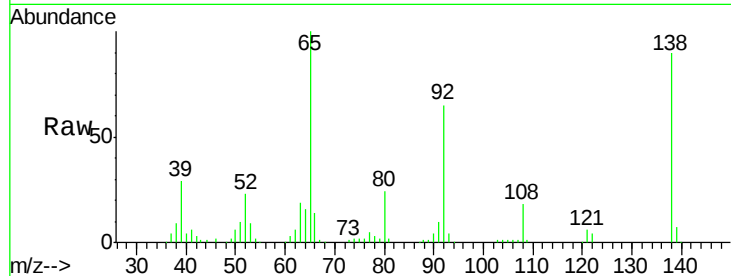




#47
2-Nitroaniline
Concen: 42.33 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

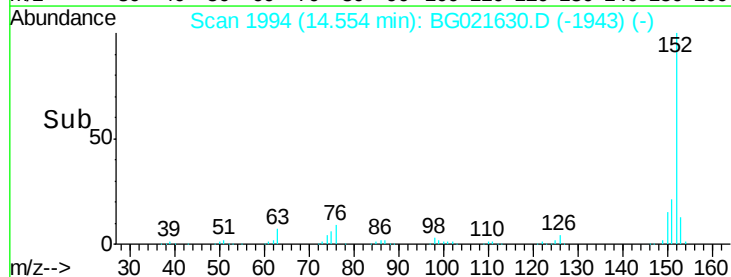
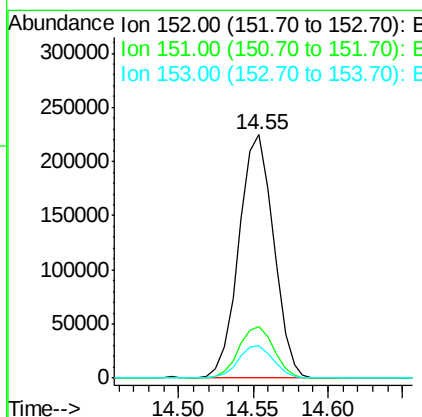
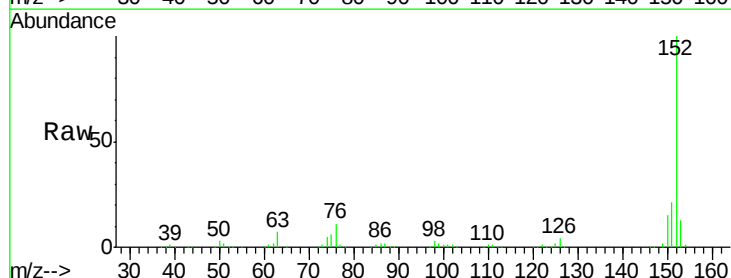
Instrument :
BNA_G
ClientSampleId :
PB89725BS

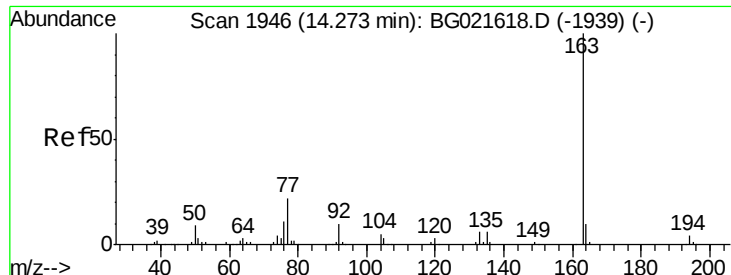
Tgt Ion: 65 Resp: 80439
Ion Ratio Lower Upper
65 100
92 64.5 49.2 73.8
138 89.6 75.0 112.6



#48
Acenaphthylene
Concen: 39.56 ng
RT: 14.55 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion: 152 Resp: 362439
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 13.5 10.2 15.2





#49

Dimethylphthalate

Concen: 39.67 ng

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

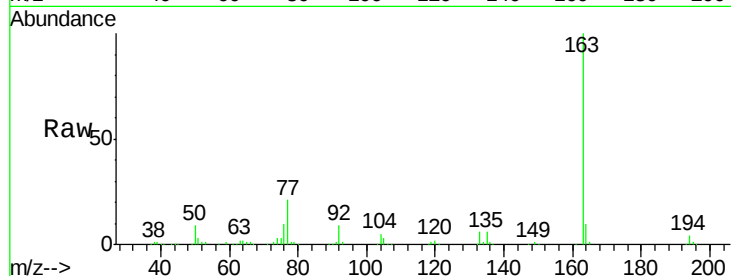
Tgt Ion:163 Resp: 305150

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

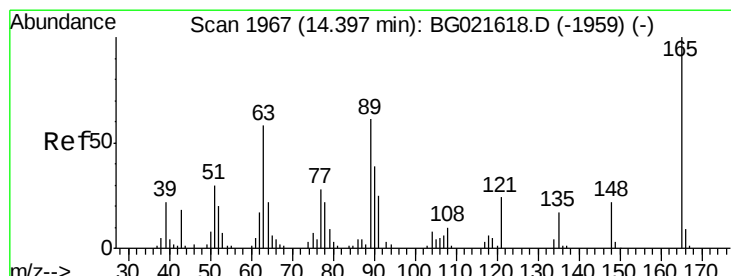
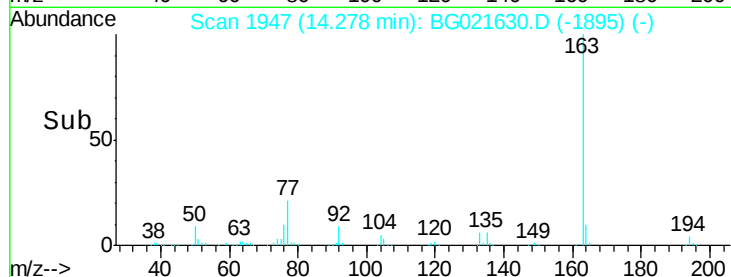
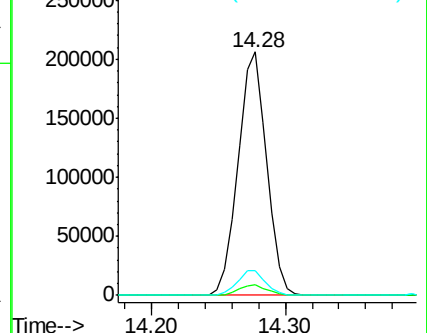
164 10.2 8.1 12.1



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: 44.10 ng

RT: 14.39 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

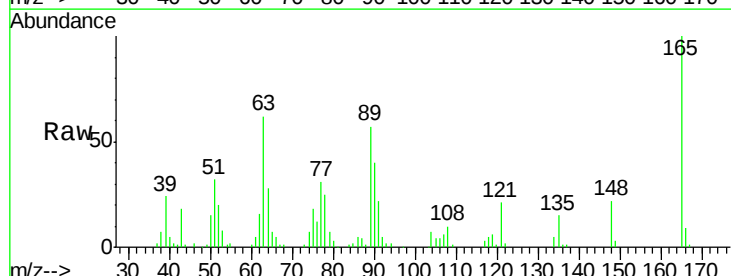
Tgt Ion:165 Resp: 64683

Ion Ratio Lower Upper

165 100

63 61.6 48.2 72.4

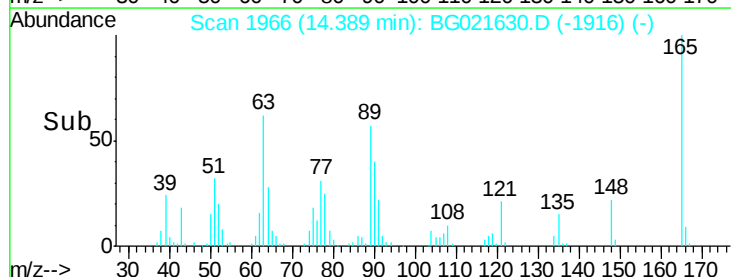
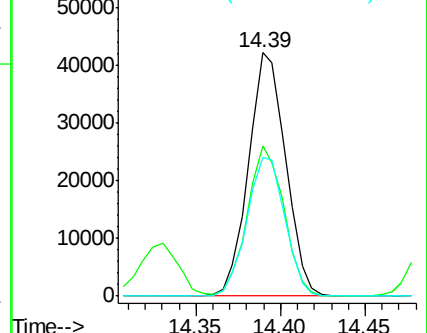
89 56.9 45.3 67.9

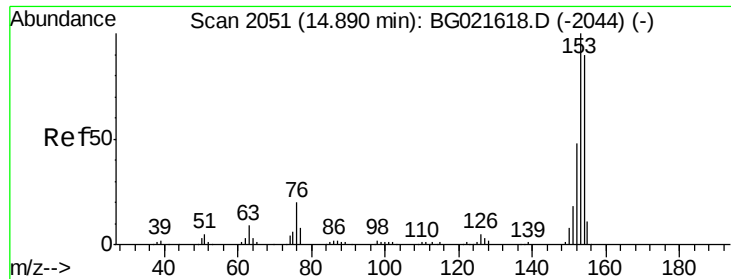


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.01 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

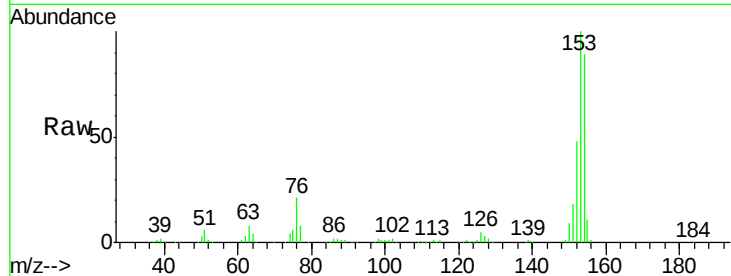
Tgt Ion:154 Resp: 251899

Ion Ratio Lower Upper

154 100

153 112.4 91.9 137.9

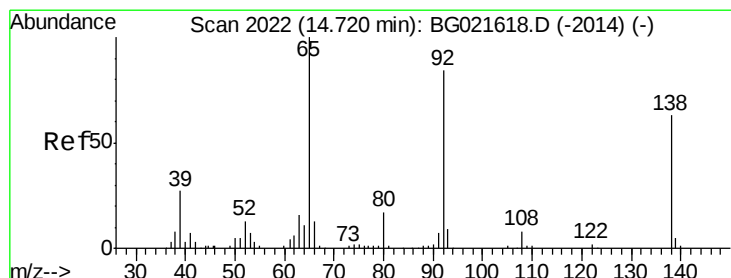
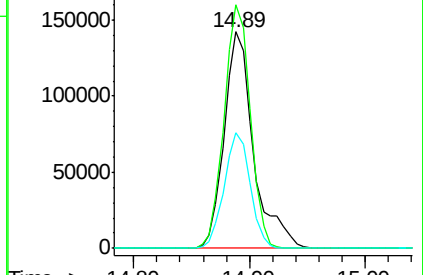
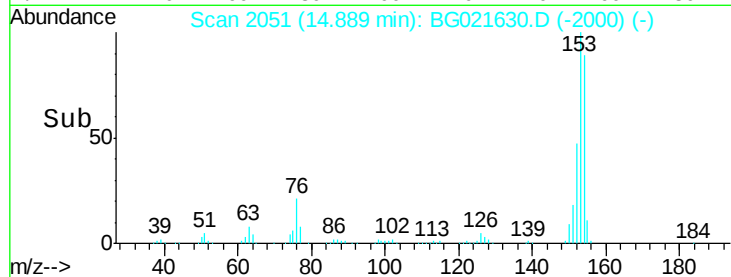
152 53.6 42.0 63.0



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: 16.72 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

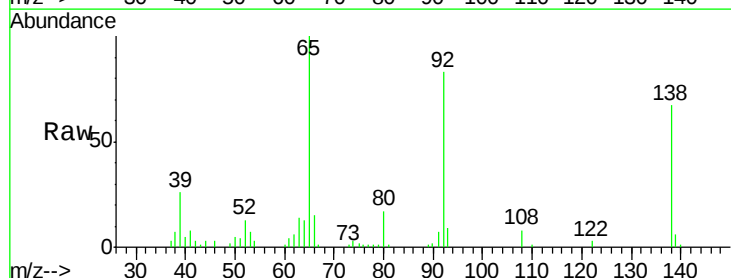
Tgt Ion:138 Resp: 27204

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

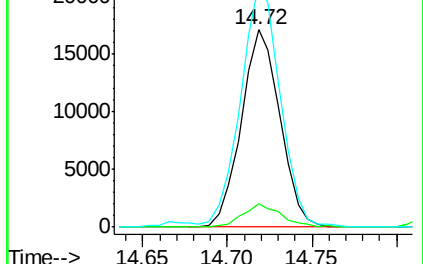
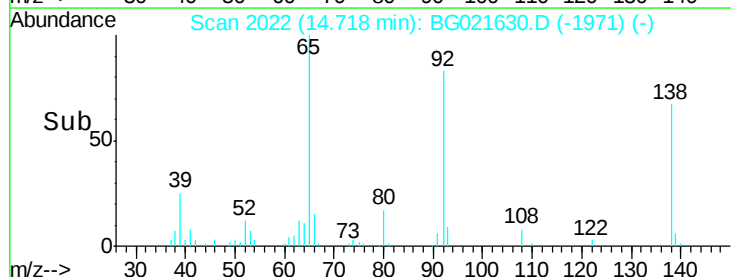
92 123.6 102.6 154.0

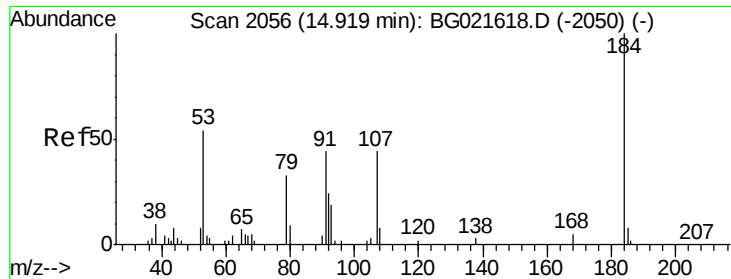


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

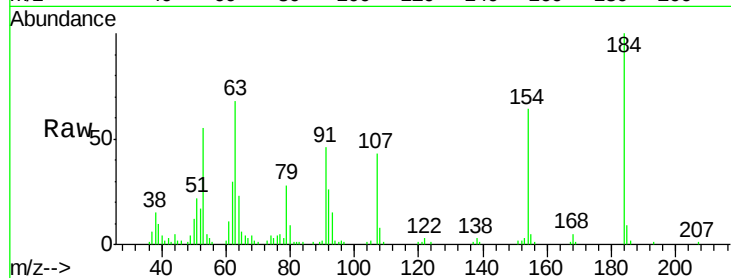




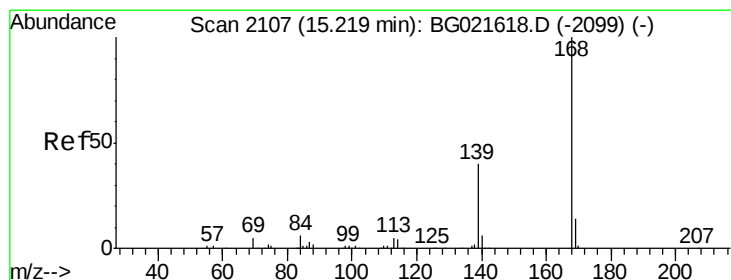
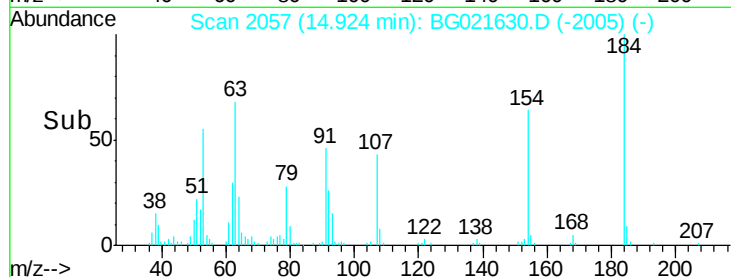
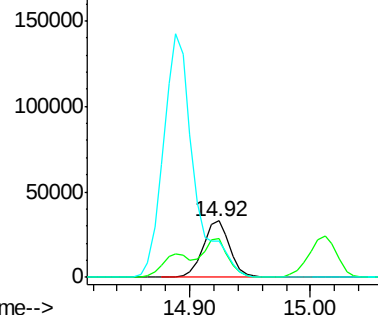
#53
2,4-Dinitrophenol
Concen: 89.78 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:184 Resp: 51223
Ion Ratio Lower Upper
184 100
63 67.8 57.3 85.9
154 64.3 55.2 82.8

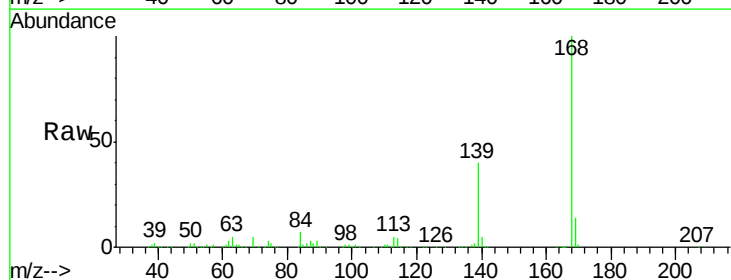


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

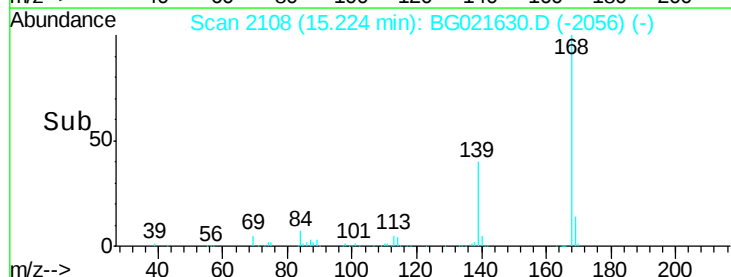
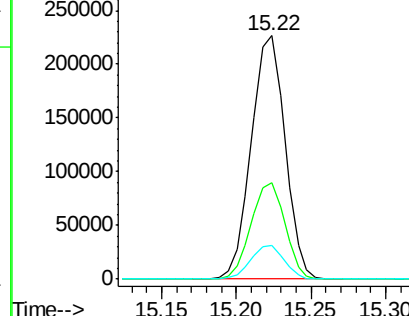


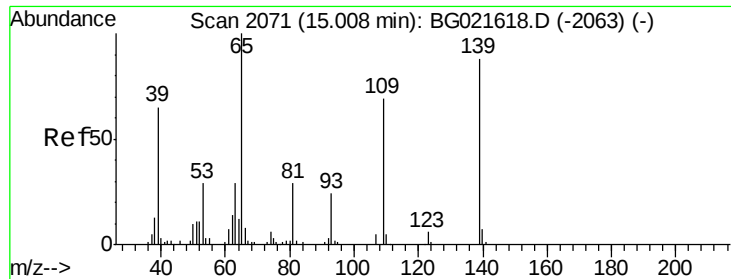
#54
Dibenzofuran
Concen: 44.21 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:168 Resp: 353588
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

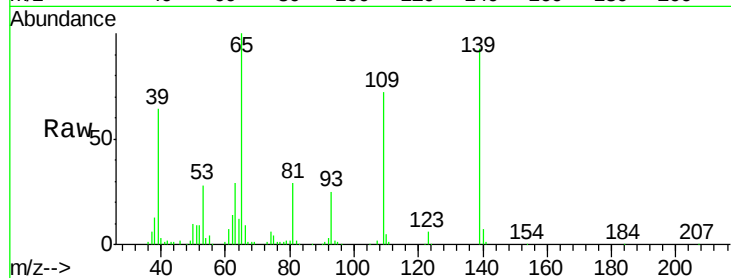




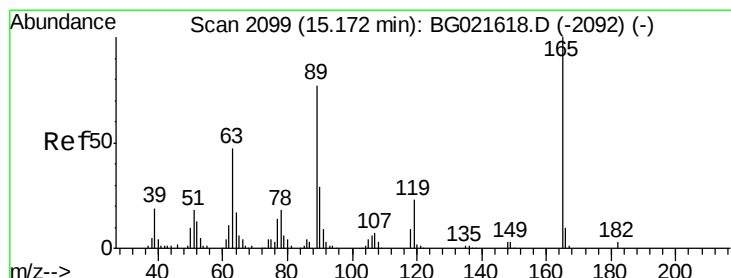
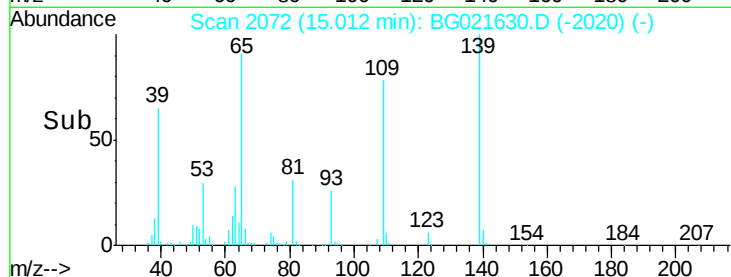
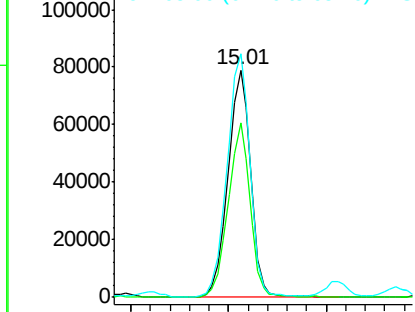
#55
4-Nitrophenol
Concen: 91.34 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampled :
PB89725BS

Tgt Ion:139 Resp: 127218
Ion Ratio Lower Upper
139 100
109 77.1 49.2 89.2
65 107.2 83.2 123.2

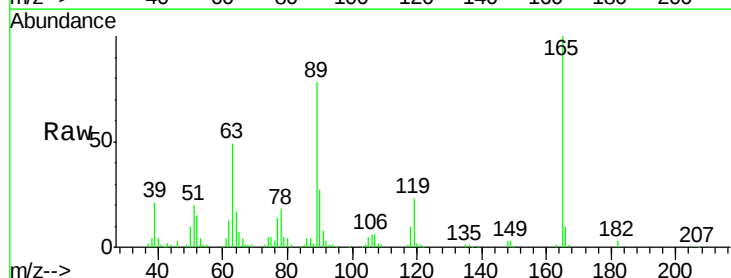


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

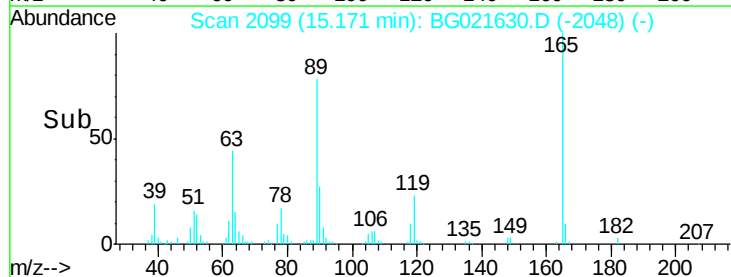
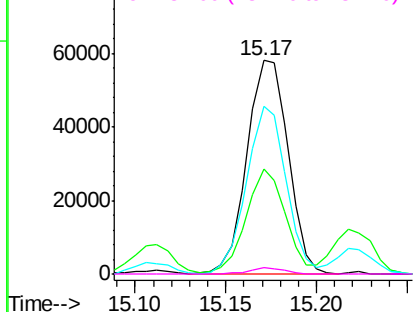


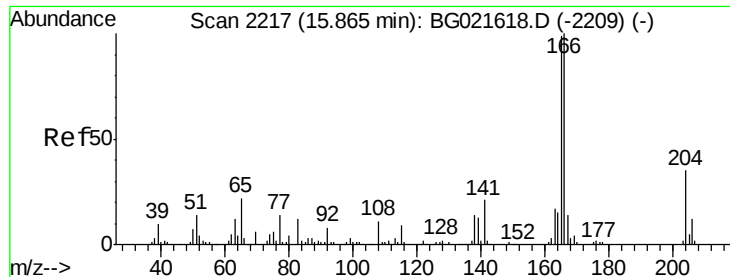
#56
2,4-Dinitrotoluene
Concen: 46.08 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:165 Resp: 91338
Ion Ratio Lower Upper
165 100
63 49.0 37.4 56.0
89 78.5 59.4 89.0
182 3.1 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.57 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

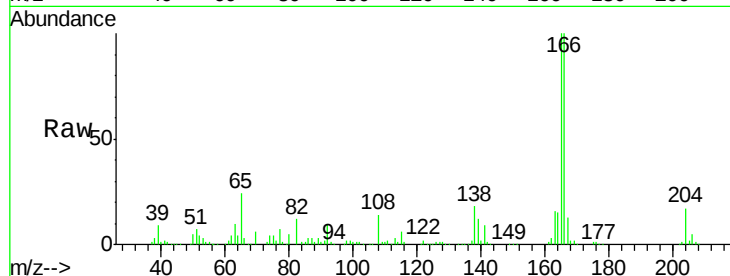
Tgt Ion:166 Resp: 296917

Ion Ratio Lower Upper

166 100

165 100.5 79.0 118.4

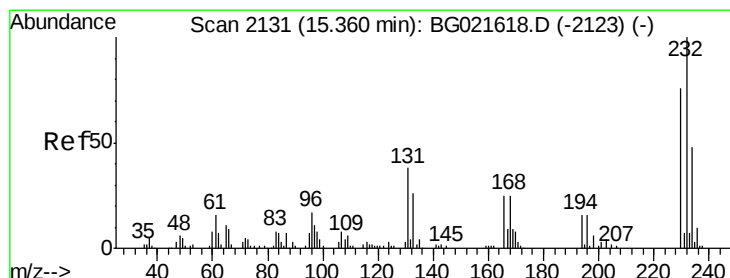
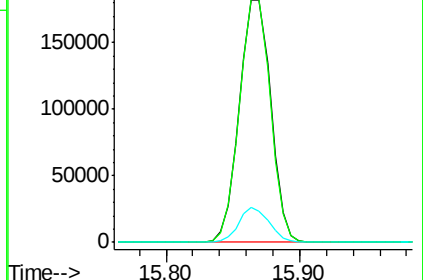
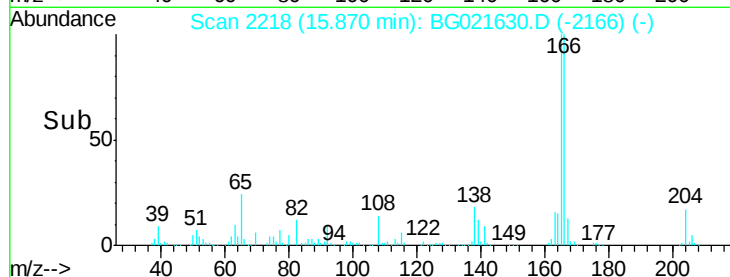
167 13.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.00 ng

RT: 15.44 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Tgt Ion:232 Resp: 77775

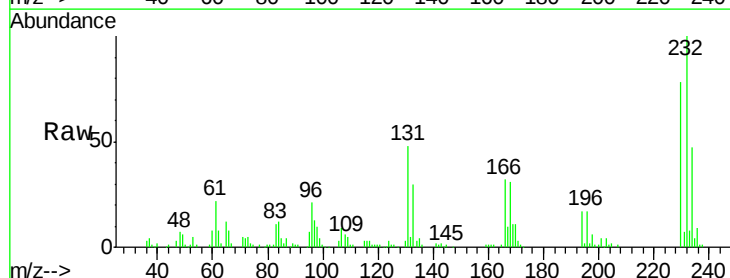
Ion Ratio Lower Upper

232 100

131 46.1 36.3 54.5

130 2.6 1.9 2.9

166 32.1 25.0 37.4

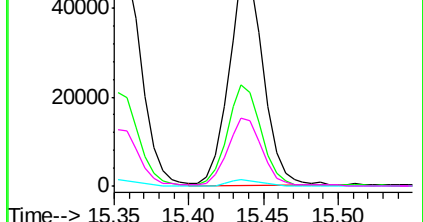
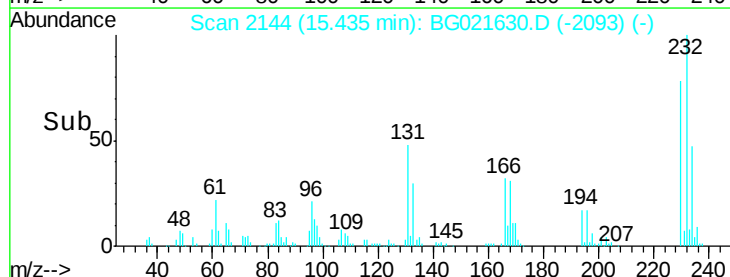


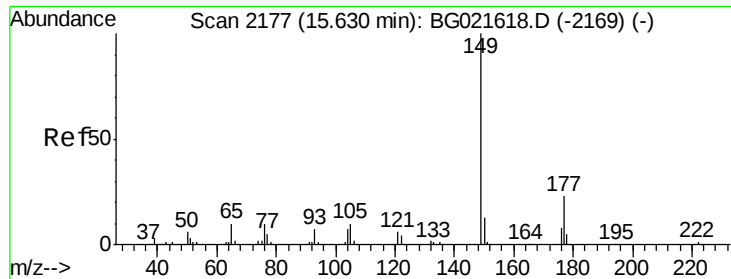
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

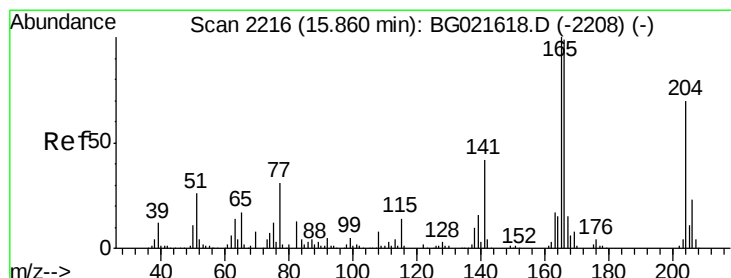
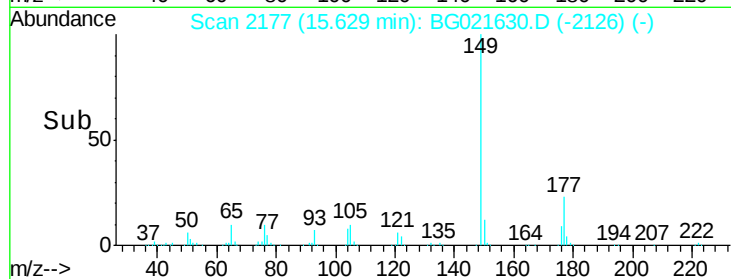
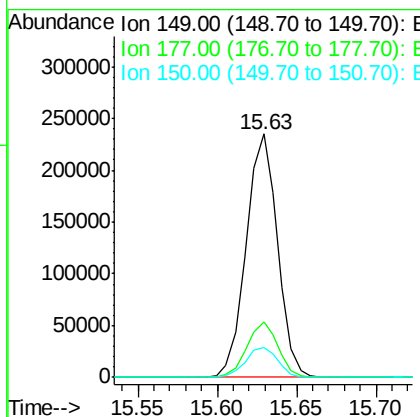
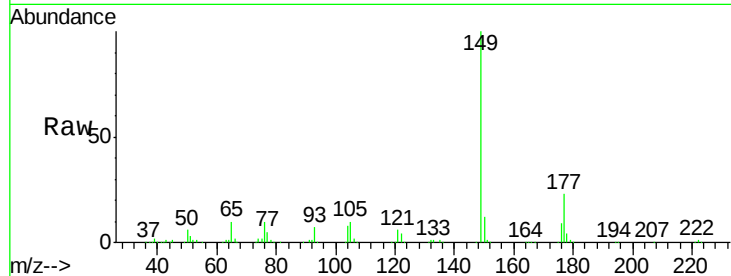




#59
Diethylphthalate
Concen: 40.04 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

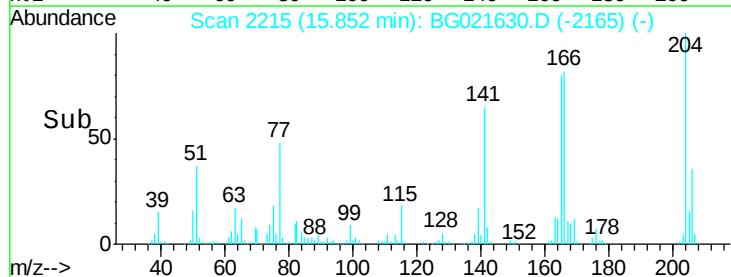
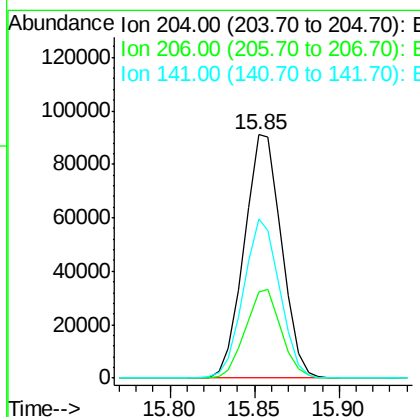
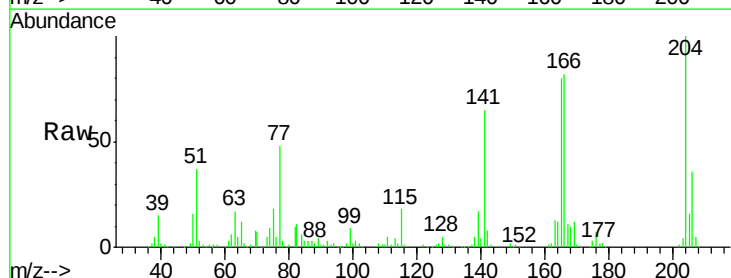
Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:149 Resp: 321482
Ion Ratio Lower Upper
149 100
177 23.0 17.3 25.9
150 12.3 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 39.67 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:204 Resp: 139554
Ion Ratio Lower Upper
204 100
206 35.6 27.8 41.8
141 65.2 51.0 76.4

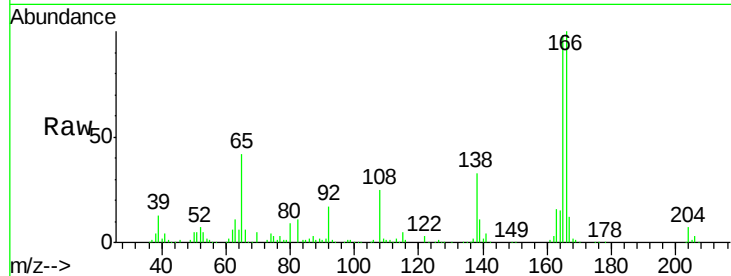




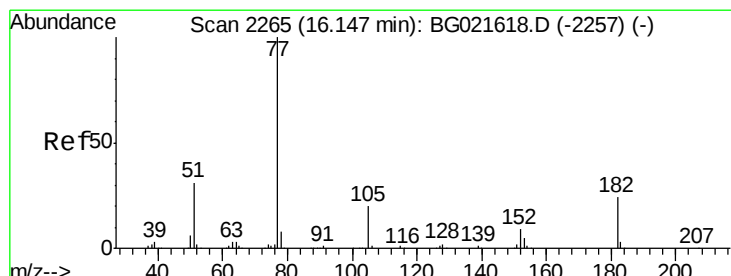
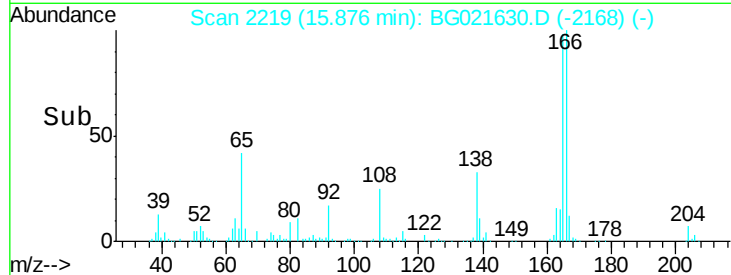
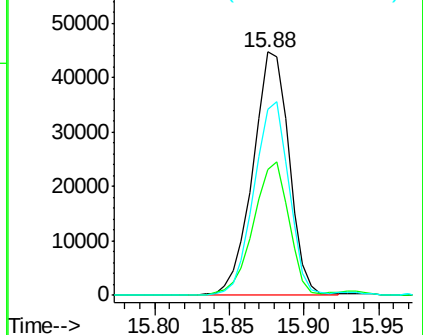
#61
 4-Nitroaniline
 Concen: 41.91 ng
 RT: 15.88 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion: 138 Resp: 75020
 Ion Ratio Lower Upper
 138 100
 92 51.5 37.7 77.7
 108 76.5 59.4 99.4

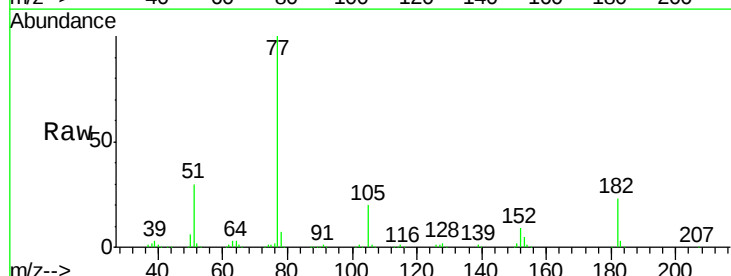


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 108.00 (107.70 to 108.70): E

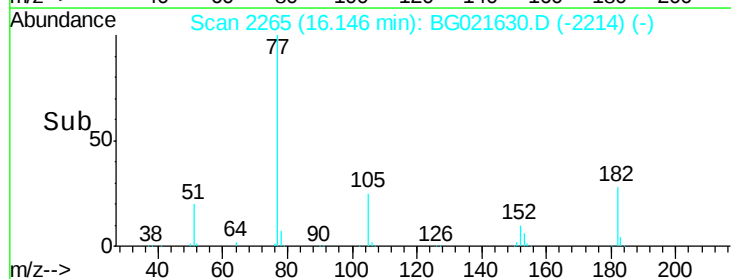
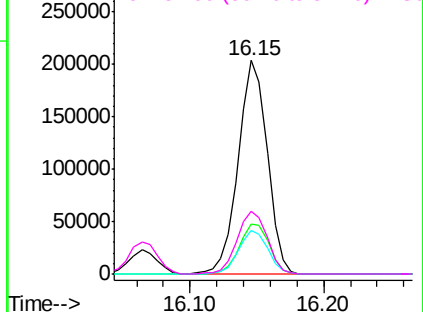


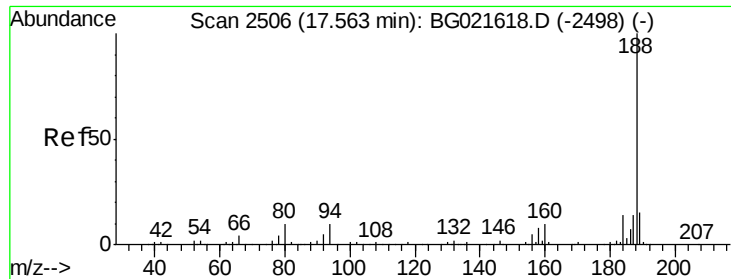
#62
 Azobenzene
 Concen: 44.64 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion: 77 Resp: 307160
 Ion Ratio Lower Upper
 77 100
 182 23.5 4.1 44.1
 105 20.5 0.0 39.8
 51 29.6 11.1 51.1



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

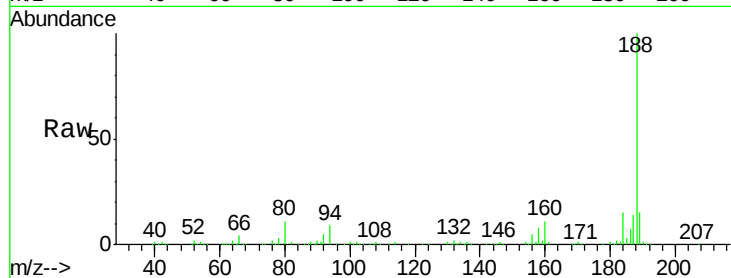




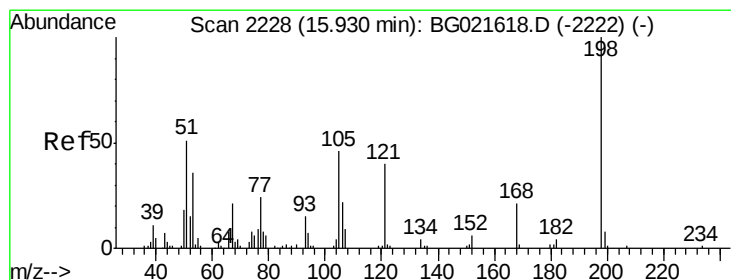
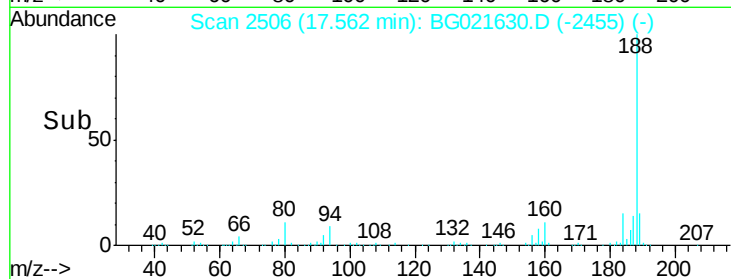
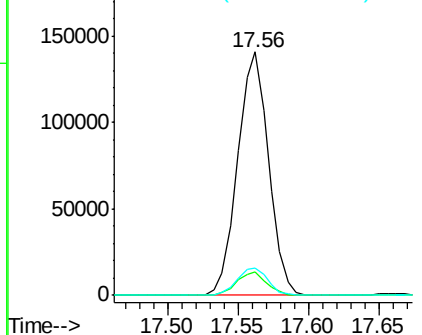
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Tgt Ion:188 Resp: 215252
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 11.1 8.6 13.0

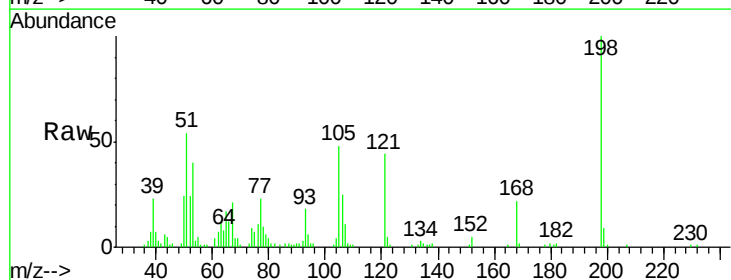


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

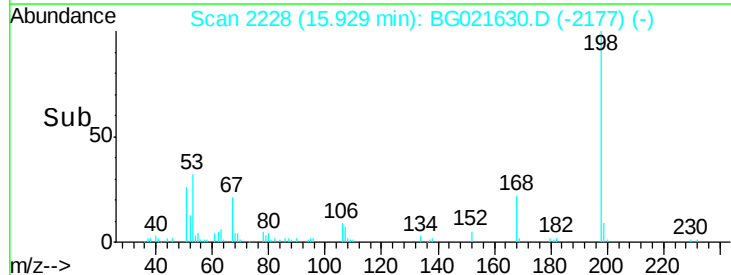
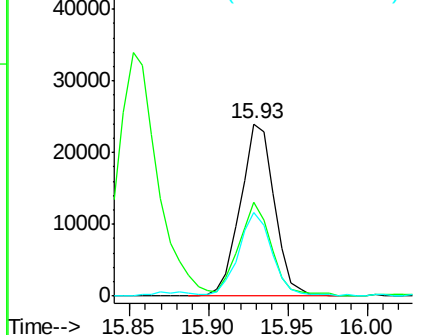


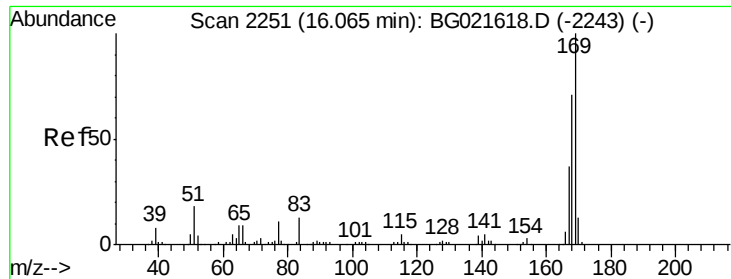
#64
4,6-Dinitro-2-methylphenol
Concen: 40.65 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:198 Resp: 35610
Ion Ratio Lower Upper
198 100
51 54.4 29.2 69.2
105 48.2 24.0 64.0



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





#65

n-Nitrosodiphenylamine

Concen: 41.60 ng

RT: 16.06 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

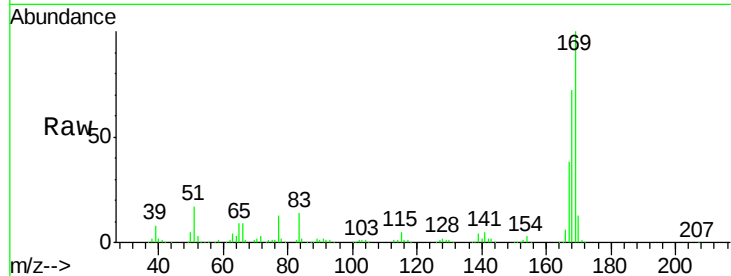
Tgt Ion:169 Resp: 268577

Ion Ratio Lower Upper

169 100

168 71.5 59.6 89.4

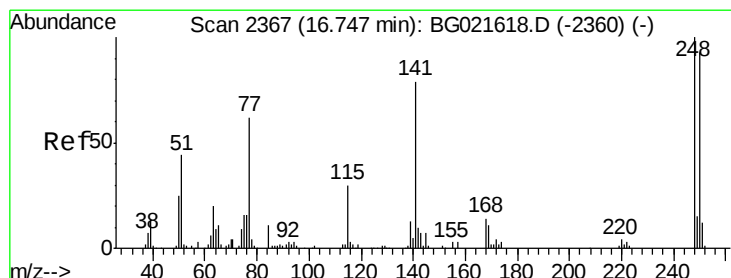
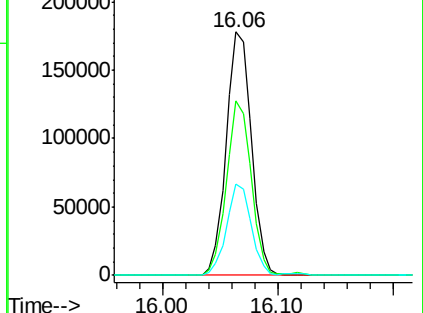
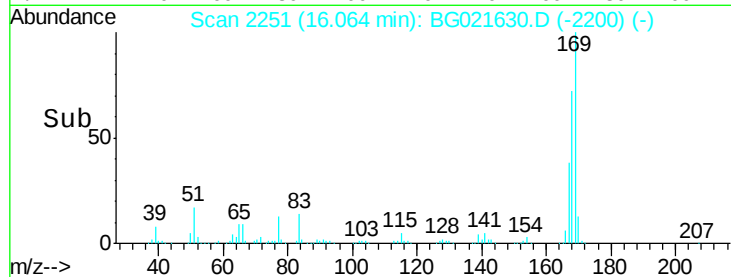
167 37.5 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.57 ng

RT: 16.75 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

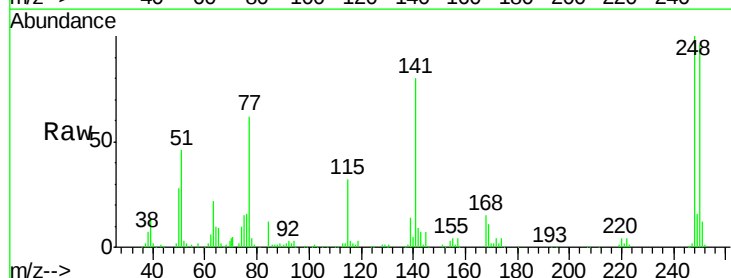
Tgt Ion:248 Resp: 93550

Ion Ratio Lower Upper

248 100

250 96.3 76.6 114.8

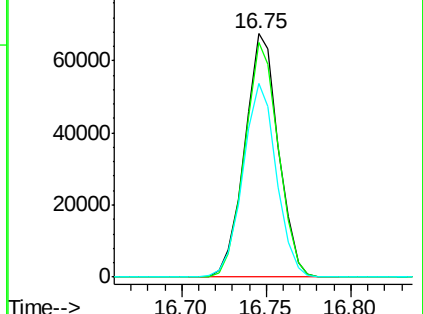
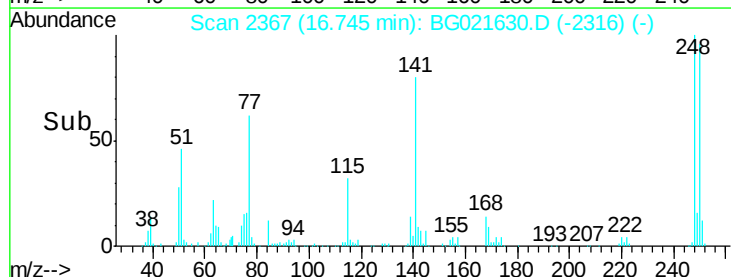
141 79.8 63.8 95.6

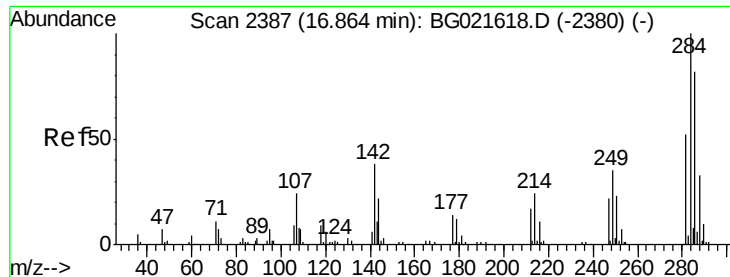


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.22 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

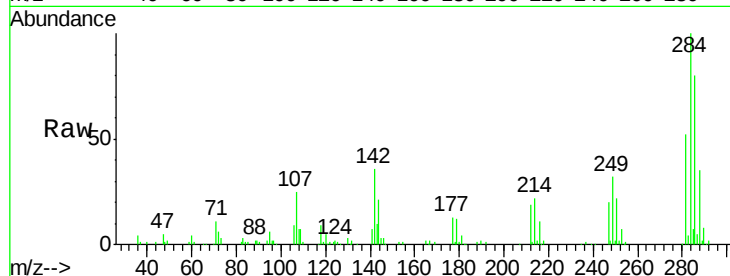
Tgt Ion:284 Resp: 97930

Ion Ratio Lower Upper

284 100

142 36.0 31.8 47.6

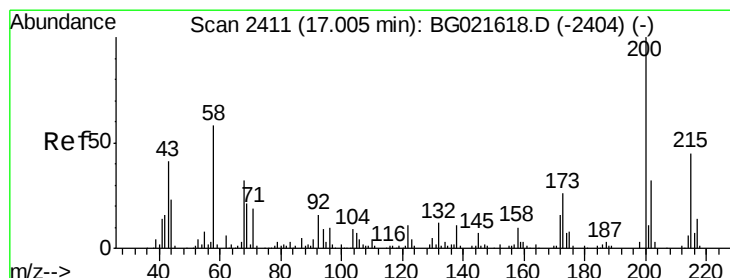
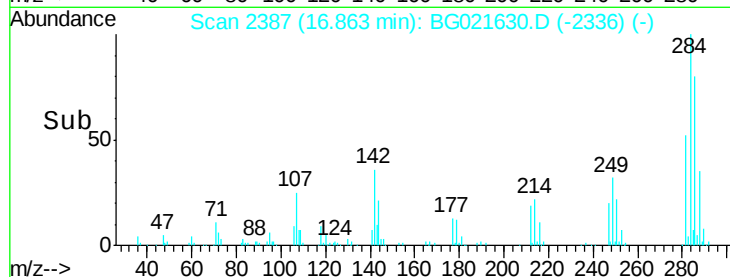
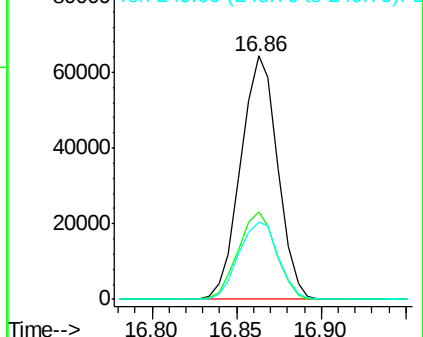
249 31.8 27.3 40.9



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: 41.23 ng

RT: 17.00 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

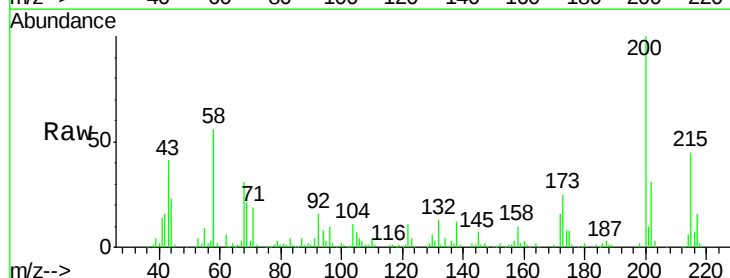
Tgt Ion:200 Resp: 105103

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

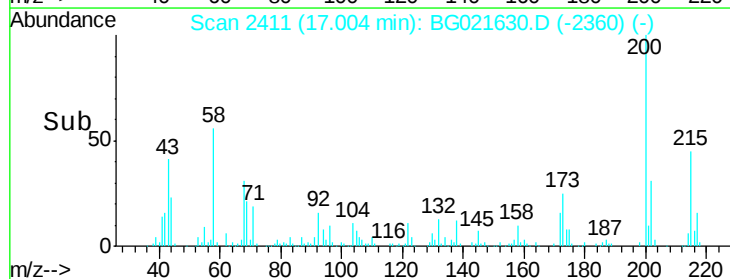
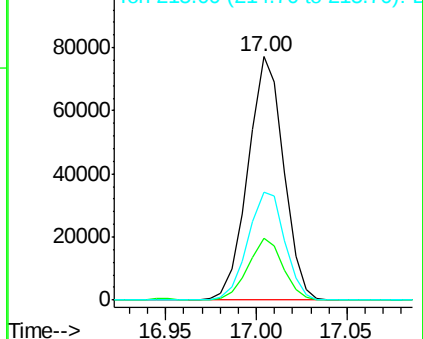
215 44.5 28.0 68.0

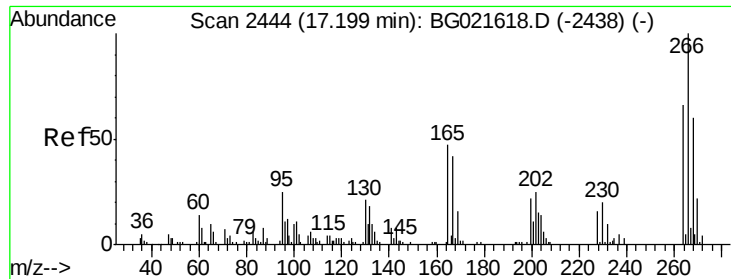


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

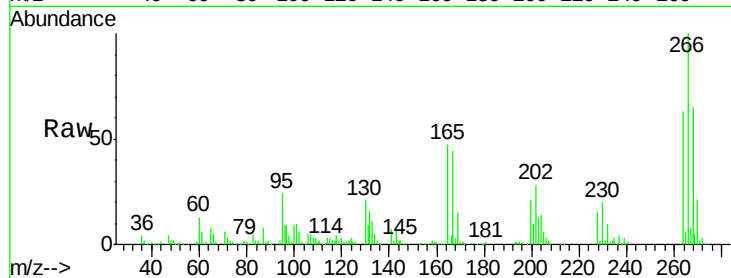




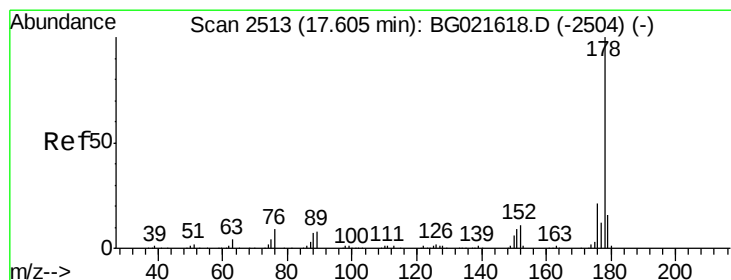
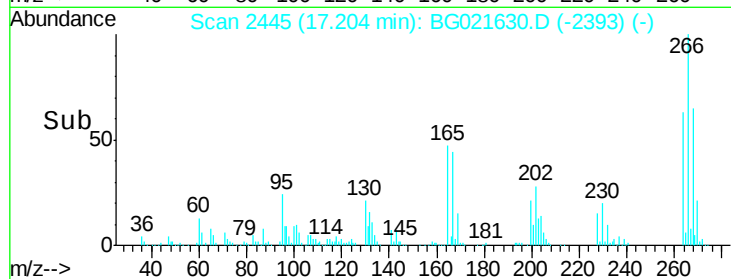
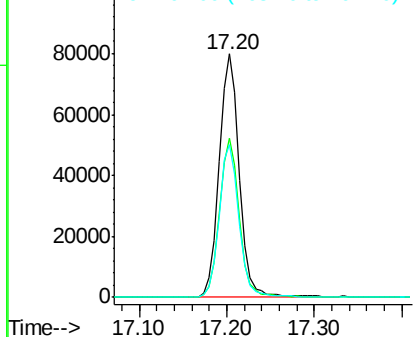
#69
 Pentachlorophenol
 Concen: 91.95 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion:266 Resp: 127805
 Ion Ratio Lower Upper
 266 100
 268 65.2 54.5 81.7
 264 63.0 53.8 80.6

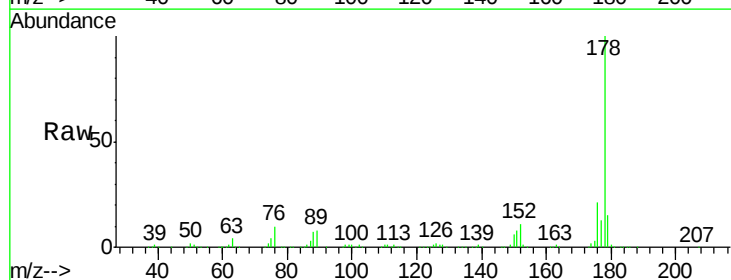


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

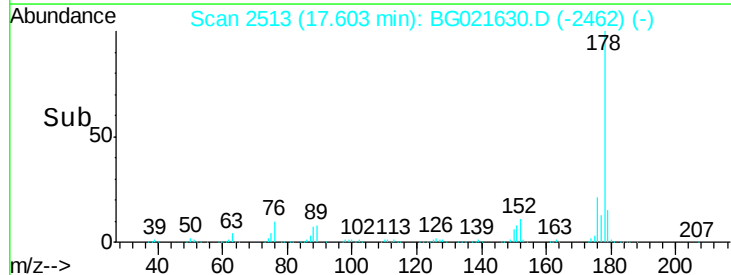
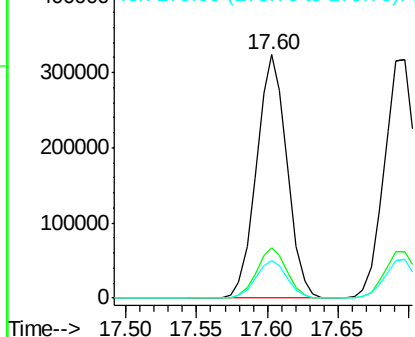


#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:178 Resp: 491267
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.2 24.4
 179 15.5 12.0 18.0



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

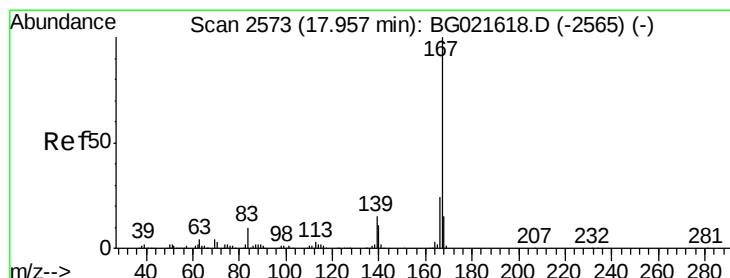
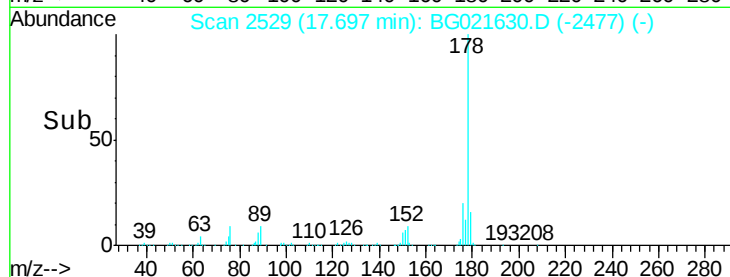
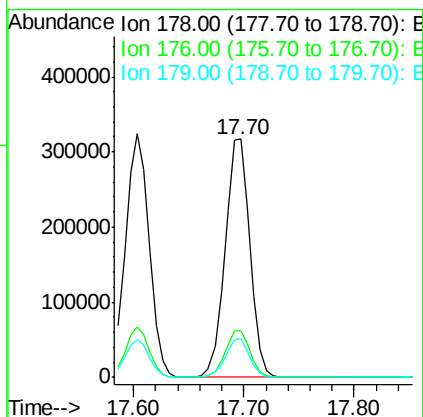
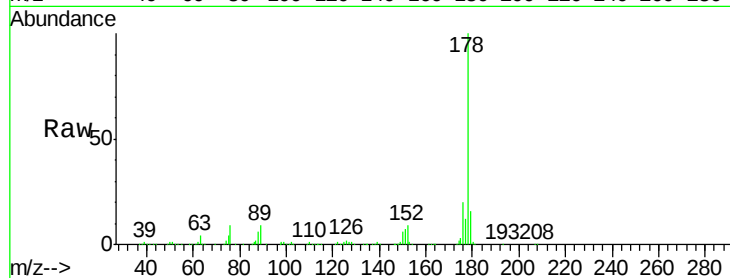




#71
 Anthracene
 Concen: 41.22 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

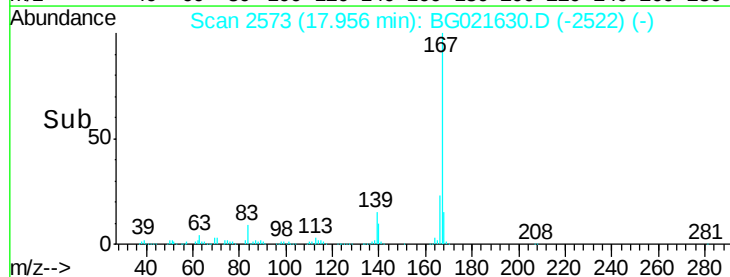
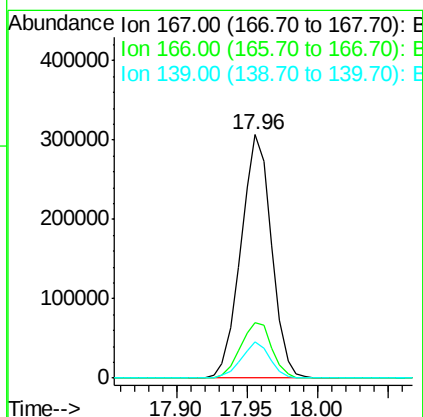
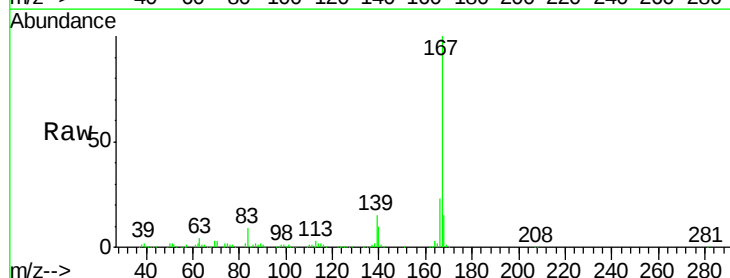
Instrument :
 BNA_G
 ClientSampled :
 PB89725BS

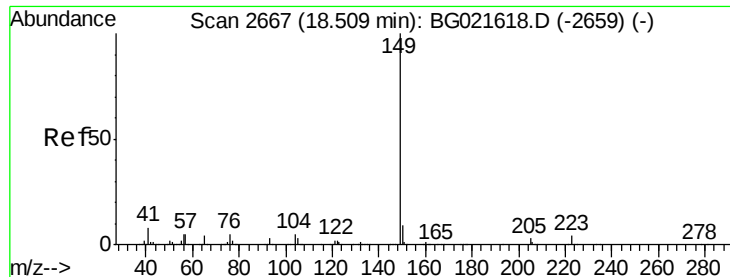
Tgt Ion:178 Resp: 496402
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.0 22.4
 179 16.1 12.2 18.4



#72
 Carbazole
 Concen: 41.34 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion:167 Resp: 464659
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.6 27.8
 139 14.7 10.6 15.8





#73

Di-n-butylphthalate

Concen: 39.87 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

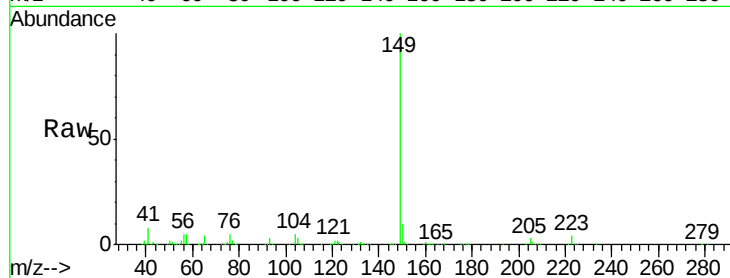
Tgt Ion:149 Resp: 570003

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.0

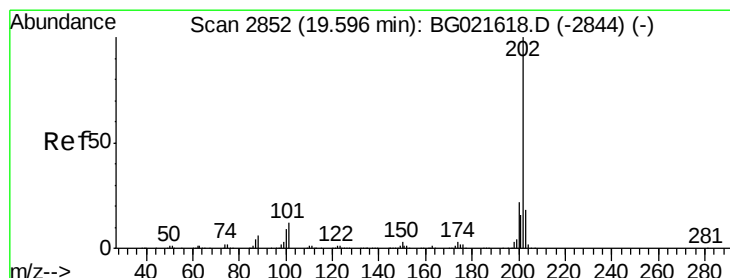
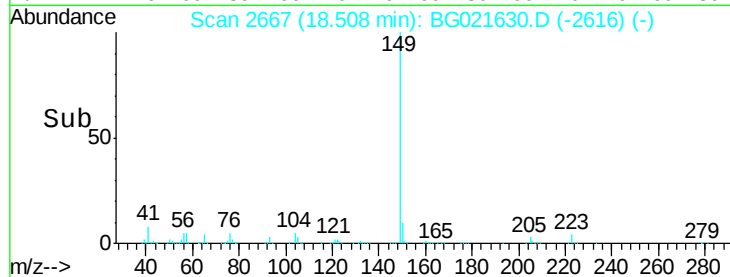
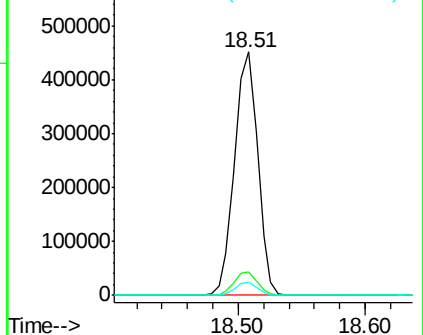
104 5.3 4.0 6.0



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: 40.61 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

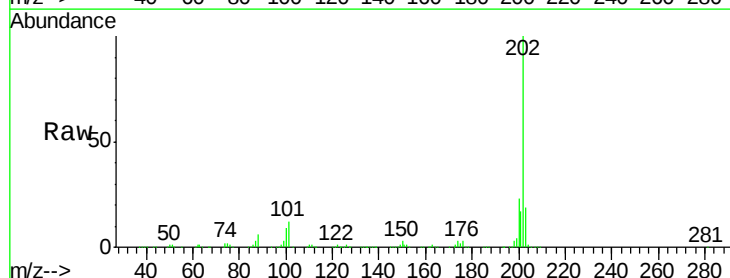
Tgt Ion:202 Resp: 575290

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.0

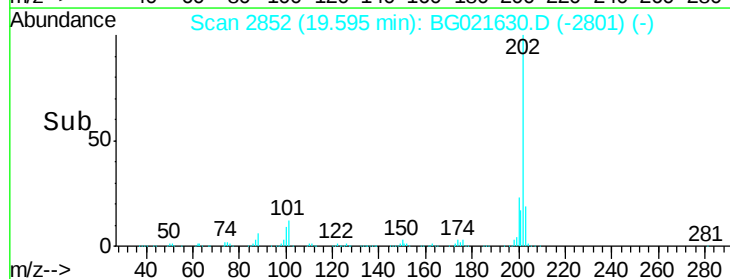
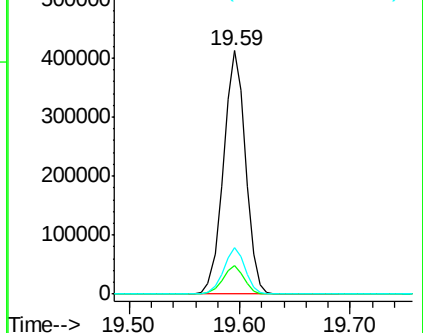
203 18.9 0.0 37.9

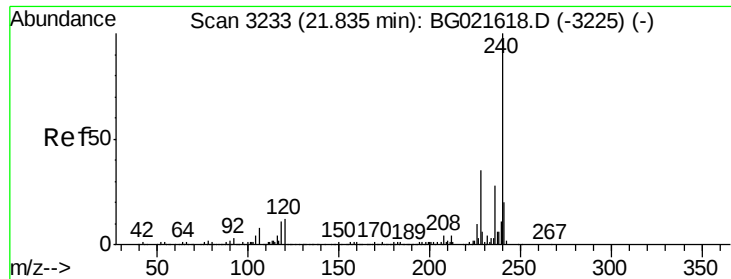


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

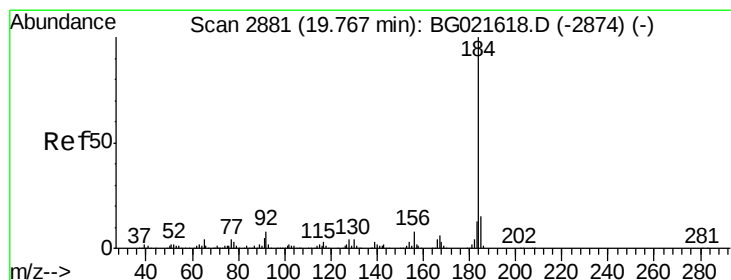
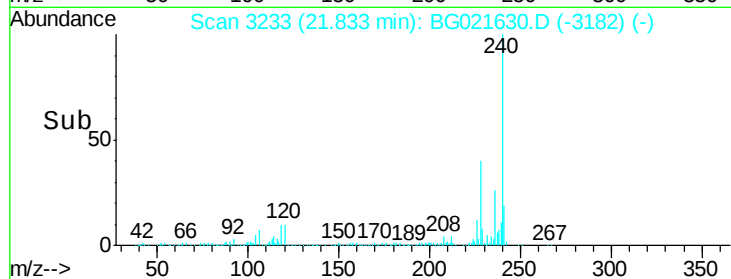
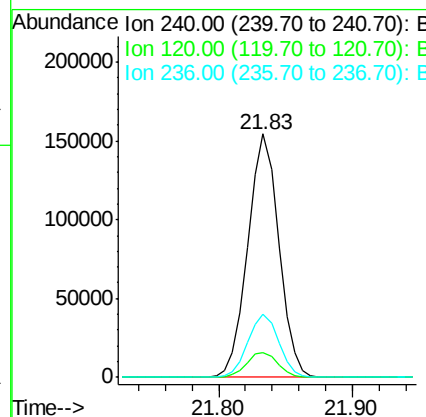
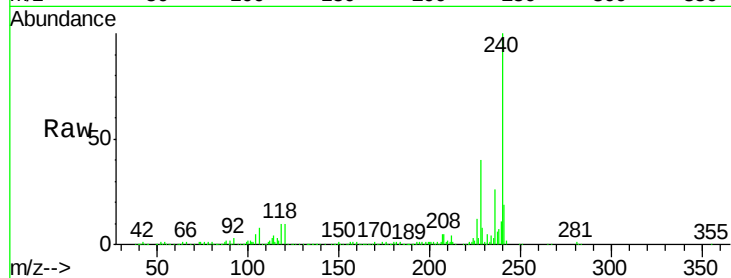




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

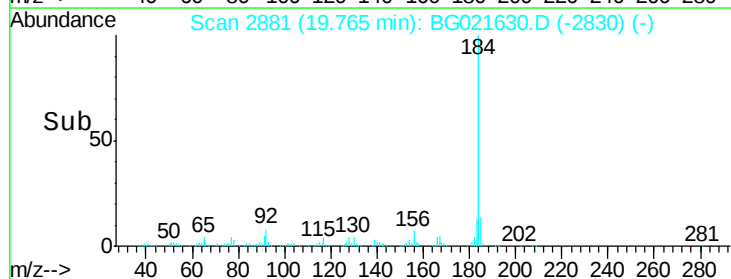
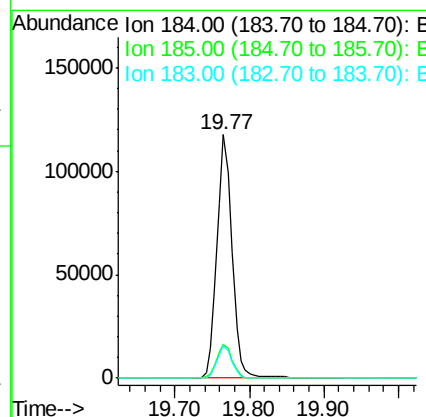
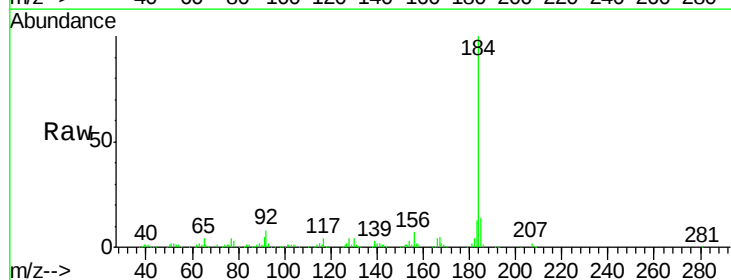
Instrument :
BNA_G
ClientSampleId :
PB89725BS

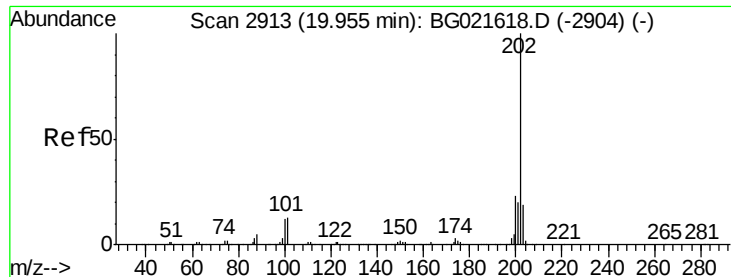
Tgt Ion:240 Resp: 247406
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.7 19.6 29.4



#76
Benzidine
Concen: 21.55 ng
RT: 19.77 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021630.D
Acq: 13 Apr 2016 20:52

Tgt Ion:184 Resp: 166015
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 13.2 10.2 15.4





#77

Pyrene

Concen: 41.48 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

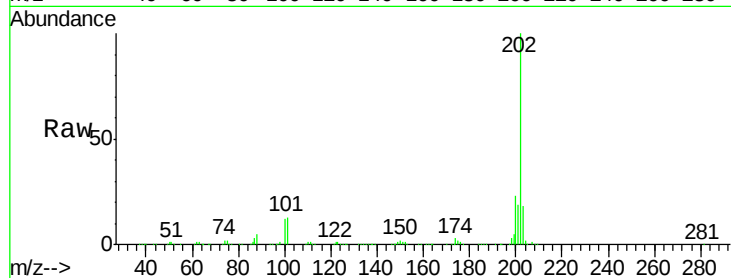
Tgt Ion:202 Resp: 591748

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

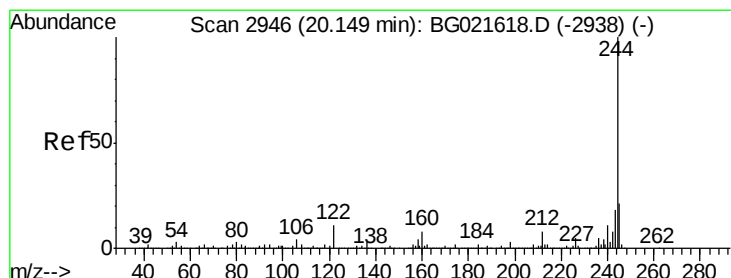
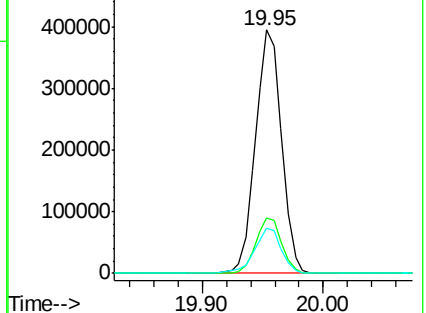
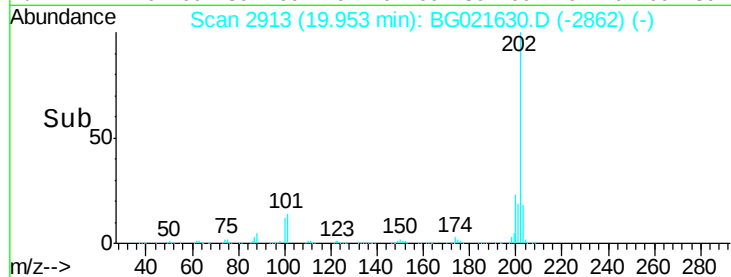
203 18.4 15.0 22.4



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: 81.05 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

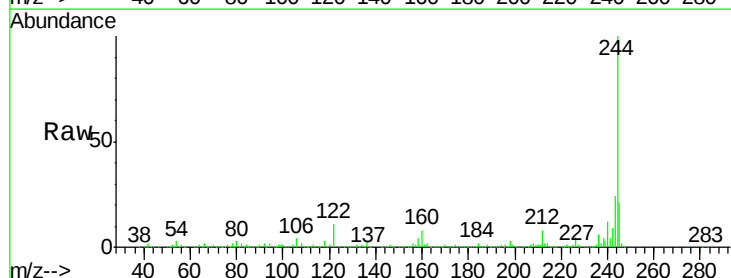
Tgt Ion:244 Resp: 803619

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

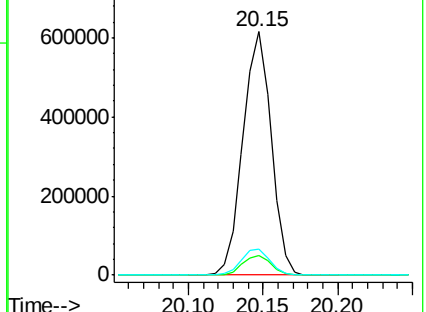
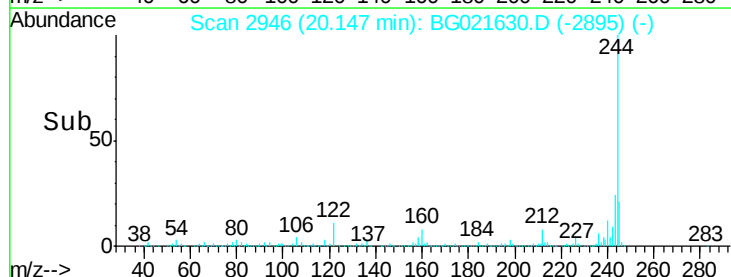
122 10.7 8.6 12.8

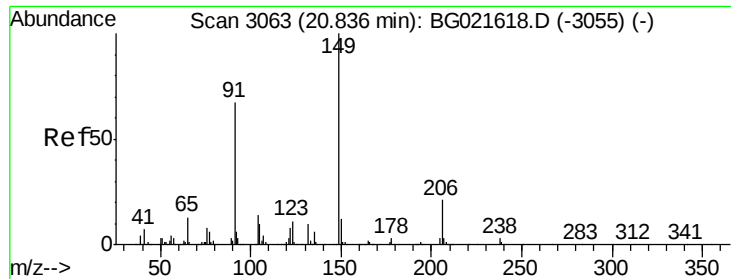


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.97 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

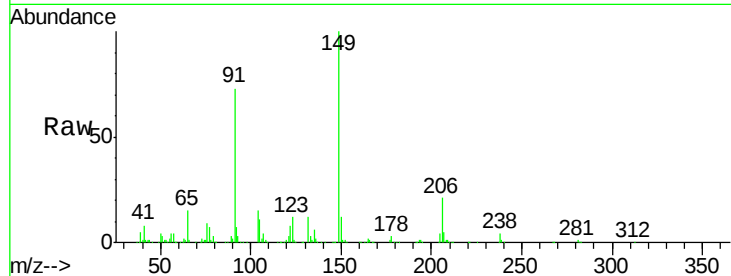
Tgt Ion:149 Resp: 271342

Ion Ratio Lower Upper

149 100

91 73.4 57.8 86.8

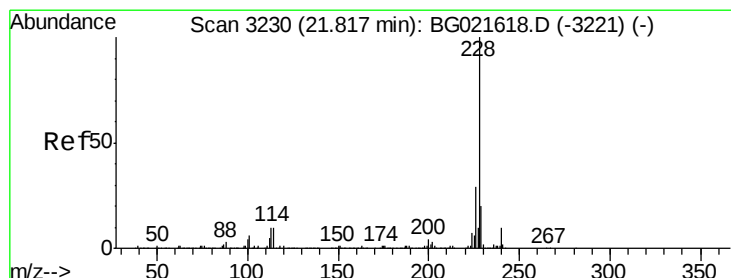
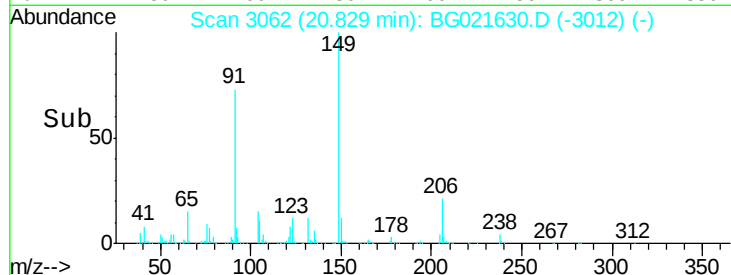
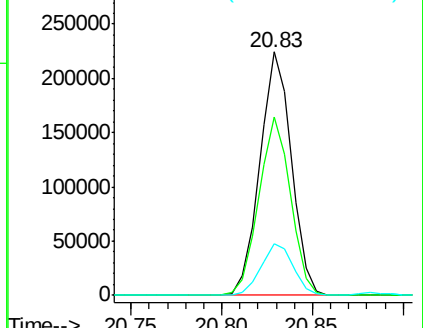
206 21.1 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.20 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

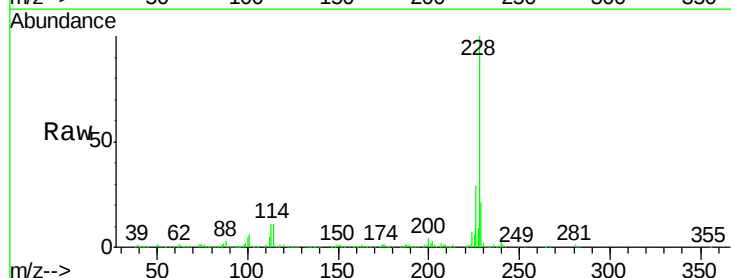
Tgt Ion:228 Resp: 586546

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

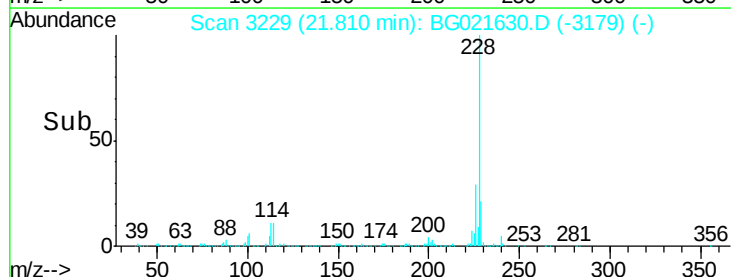
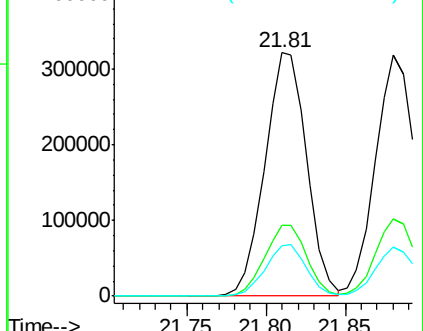
229 20.6 16.1 24.1

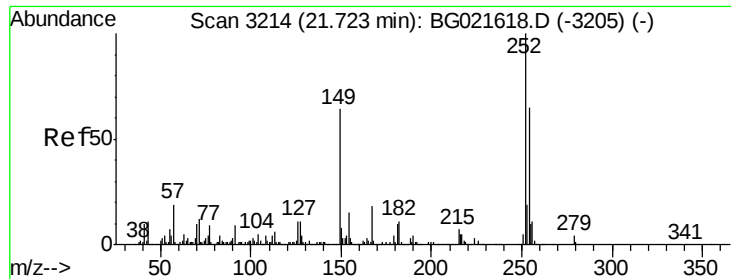


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

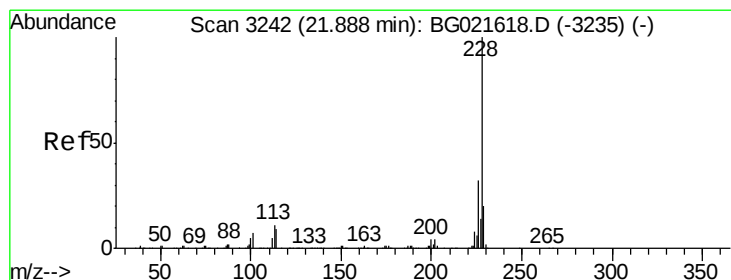
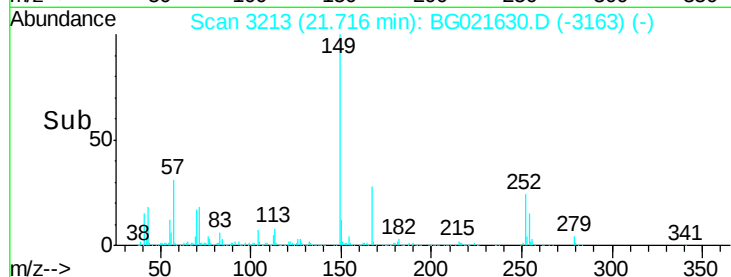
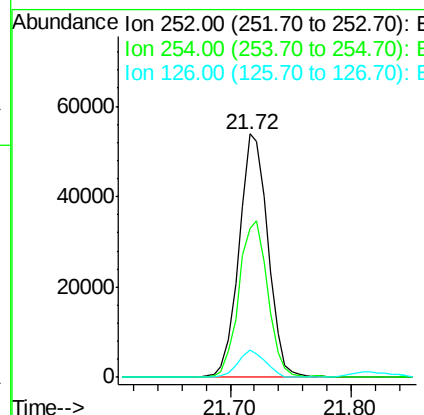
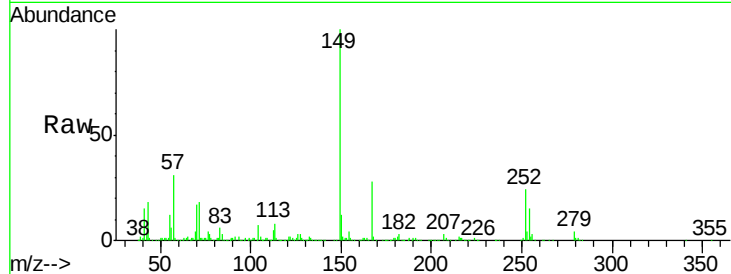




#81
 3,3'-Dichlorobenzidine
 Concen: 7.97 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

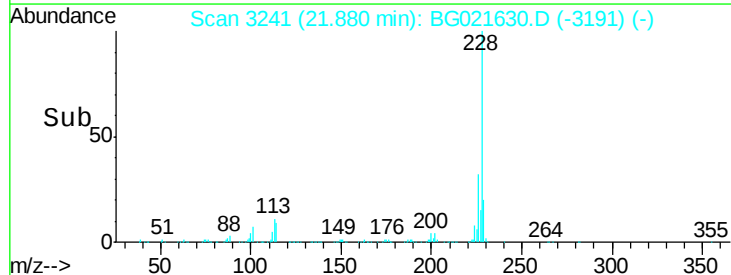
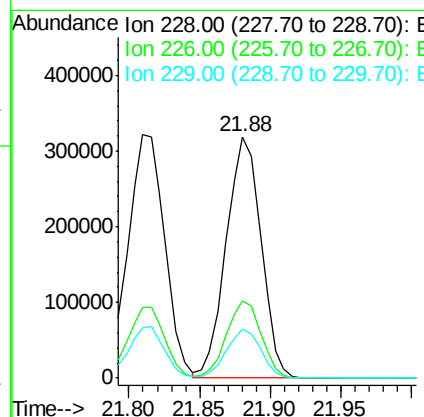
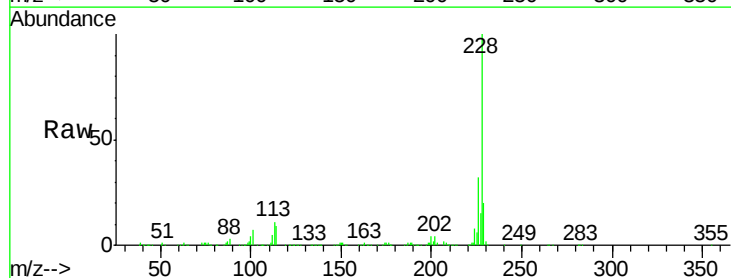
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

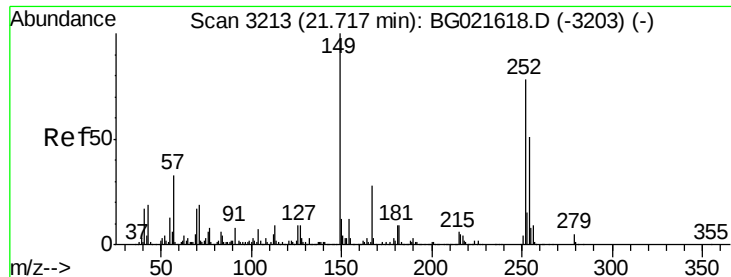
Tgt Ion: 252 Resp: 89871
 Ion Ratio Lower Upper
 252 100
 254 61.1 51.8 77.6
 126 11.4 8.8 13.2



#82
 Chrysene
 Concen: 40.01 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion: 228 Resp: 547274
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.4 38.0
 229 20.2 15.9 23.9

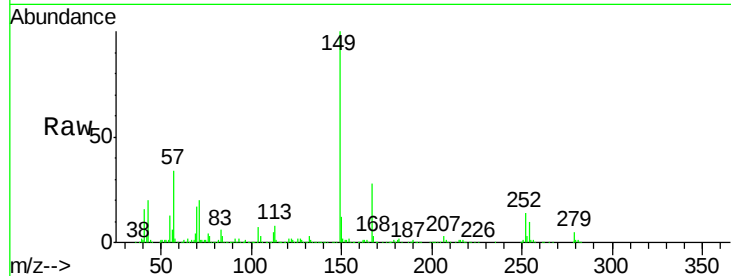




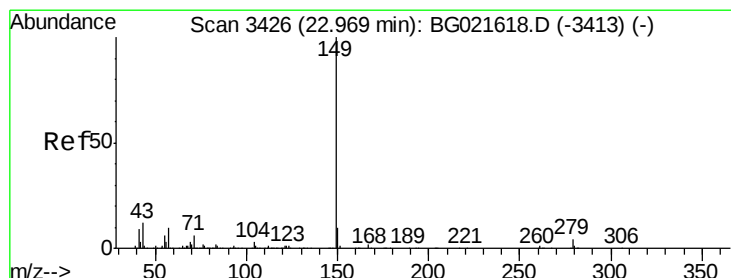
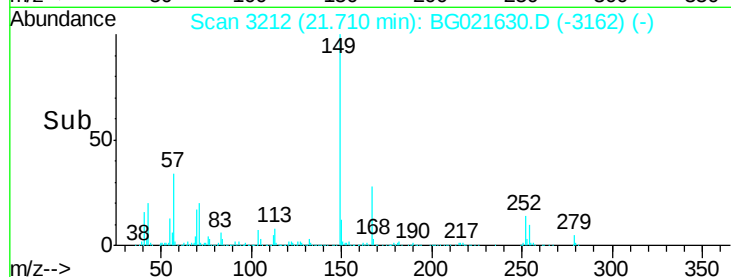
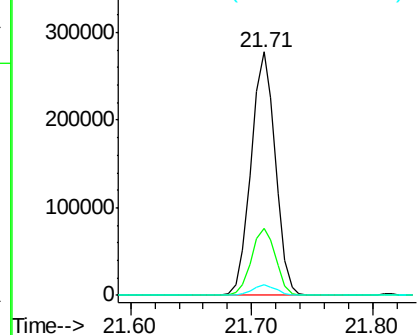
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.38 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	4.6	3.2	4.8

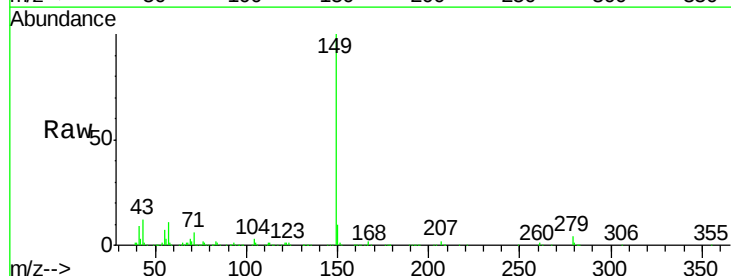


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

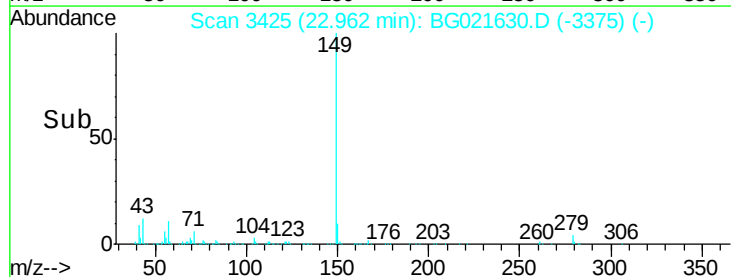
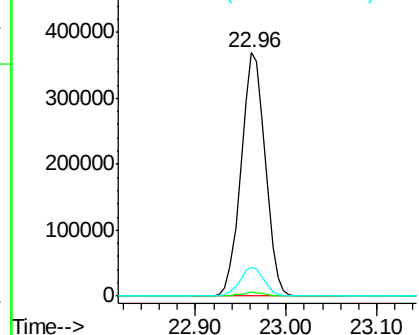


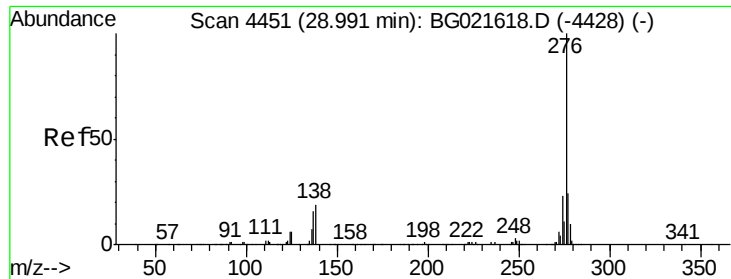
#84
 Di-n-octyl phthalate
 Concen: 42.19 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG021630.D
 Acq: 13 Apr 2016 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	9.8	14.6



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): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.21 ng

RT: 28.97 min Scan# 4448

Delta R.T. -0.02 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

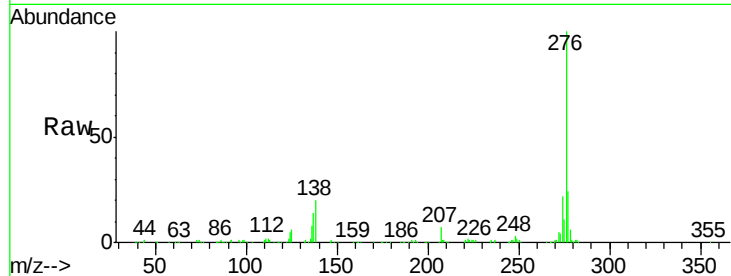
Tgt Ion:276 Resp: 670164

Ion Ratio Lower Upper

276 100

138 24.8 14.0 21.0#

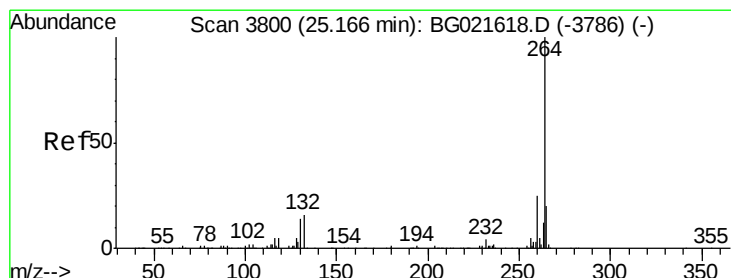
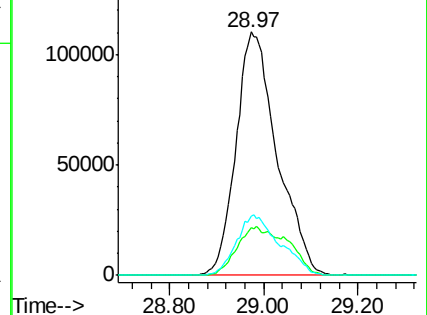
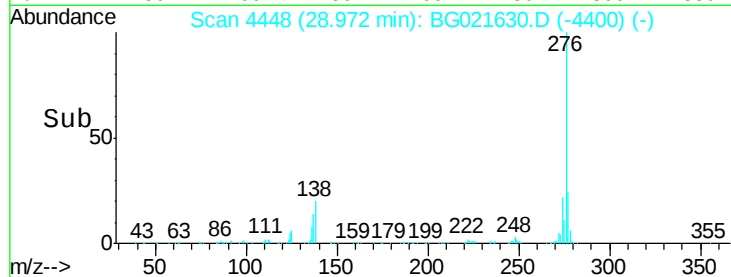
277 26.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3800

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

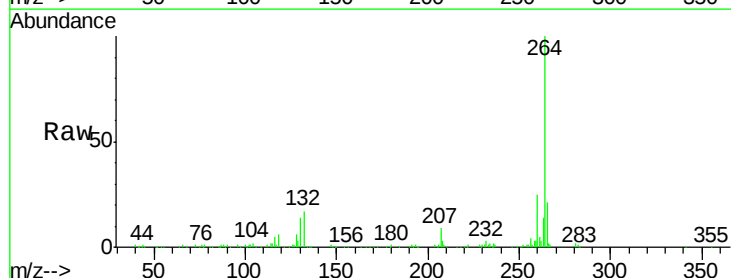
Tgt Ion:264 Resp: 239451

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

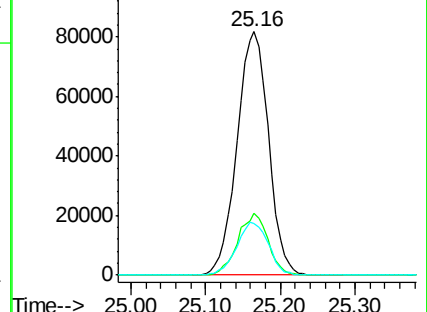
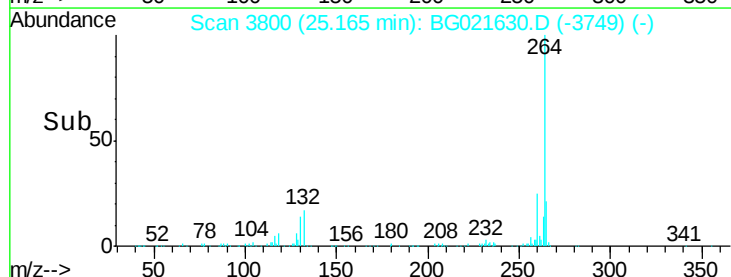
265 21.4 17.8 26.8

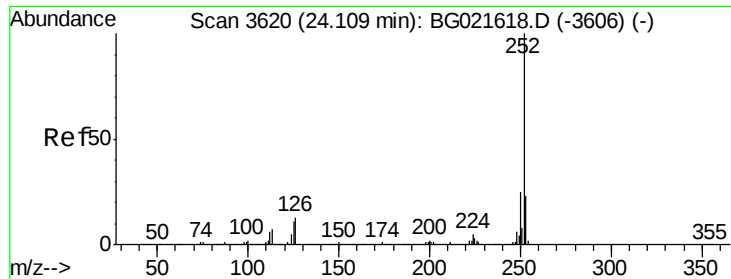


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.52 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

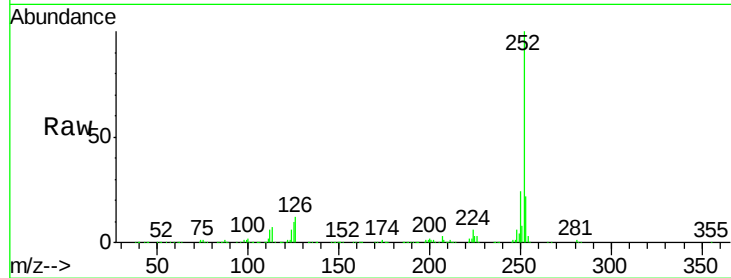
Tgt Ion:252 Resp: 590801

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

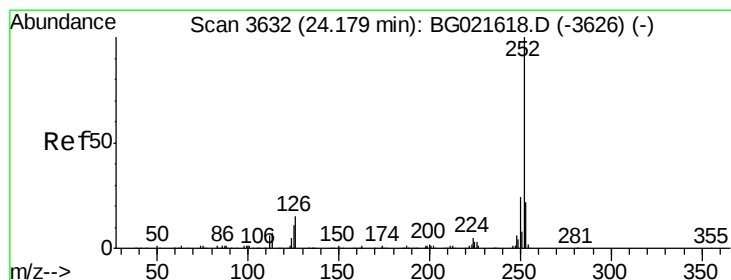
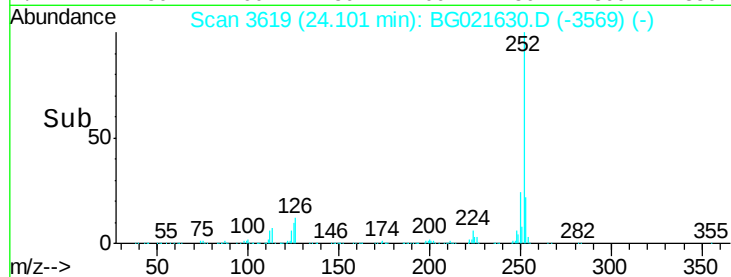
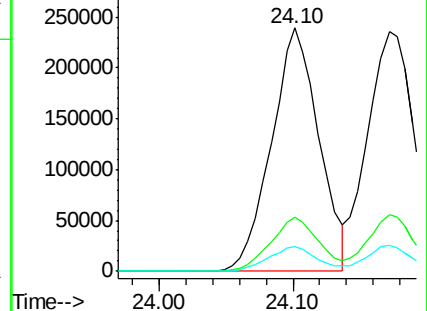
125 10.1 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 42.11 ng

RT: 24.17 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

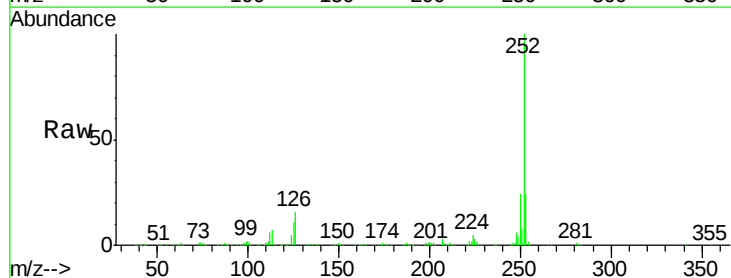
Tgt Ion:252 Resp: 572092

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

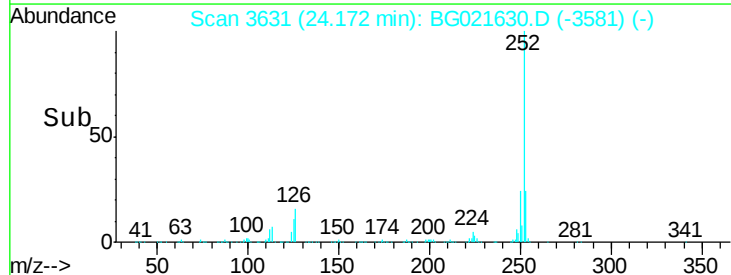
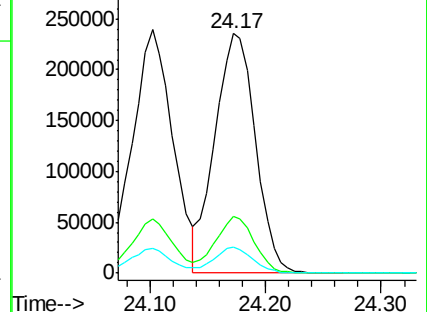
125 11.1 8.3 12.5

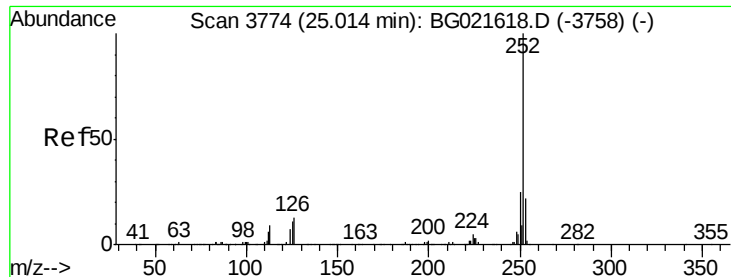


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.57 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

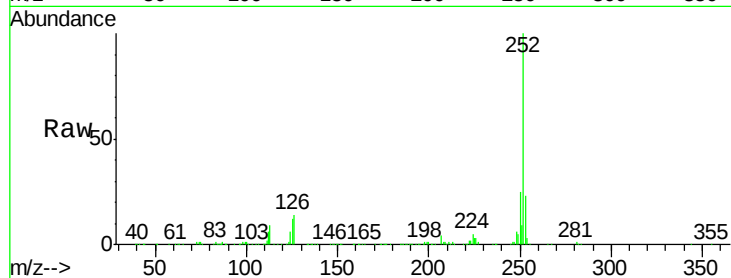
Tgt Ion:252 Resp: 573060

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

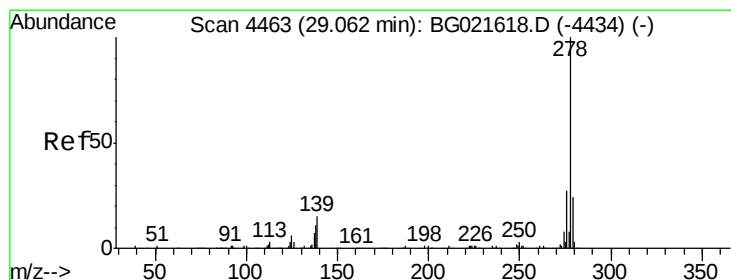
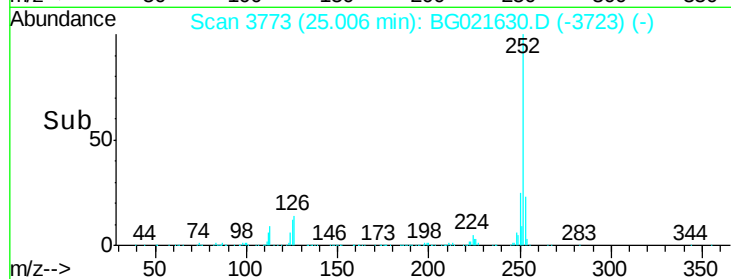
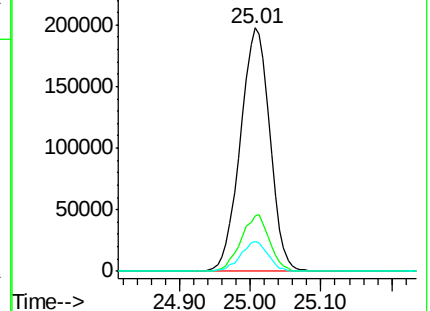
125 12.1 9.6 14.4



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: 42.04 ng

RT: 29.06 min Scan# 4463

Delta R.T. -0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

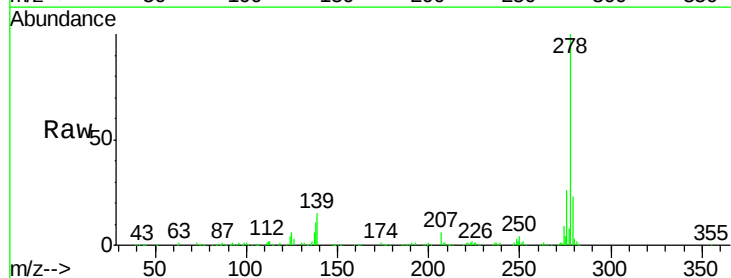
Tgt Ion:278 Resp: 567478

Ion Ratio Lower Upper

278 100

139 15.1 11.9 17.9

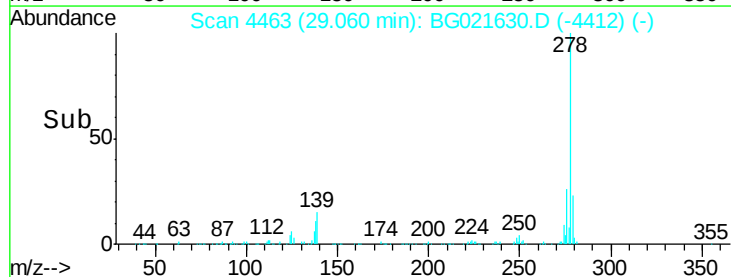
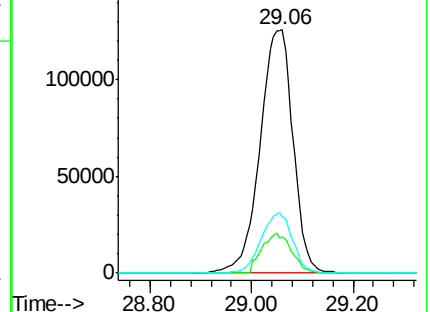
279 23.2 18.2 27.2

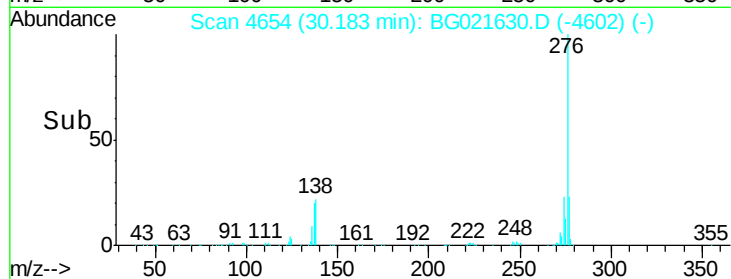
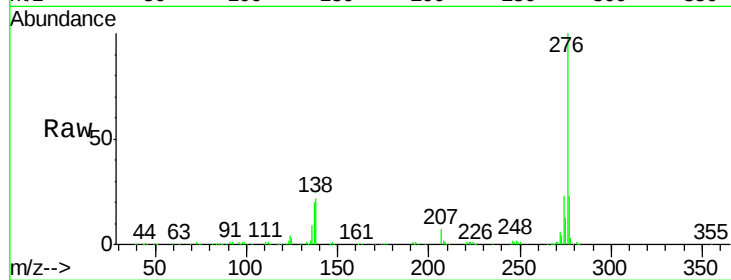
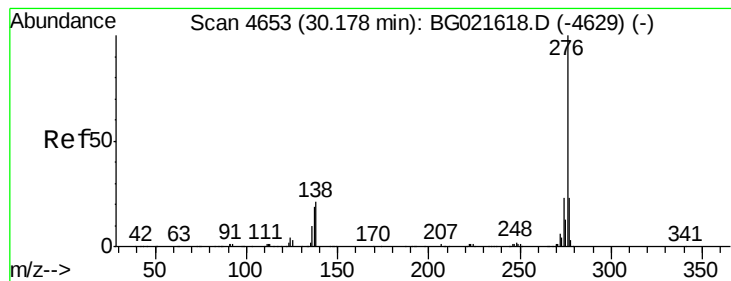


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.92 ng

RT: 30.18 min Scan# 4654

Delta R.T. 0.00 min

Lab File: BG021630.D

Acq: 13 Apr 2016 20:52

Instrument :

BNA_G

ClientSampleId :

PB89725BS

Tgt Ion: 276 Resp: 555233

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.2

138 21.8 17.4 26.0

