

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026037.D
 Acq On : 2 Mar 2017 19:57
 Operator : SJ/MA
 Sample : I2056-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Quant Time: Mar 03 00:40:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117138	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	505302	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	297468	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	681165	20.00	ng	0.00
75) Chrysene-d12	21.66	240	652619	20.00	ng	-0.02
86) Perylene-d12	24.85	264	629100	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	929394	138.13	ng	-0.01
7) Phenol-d6	7.23	99	1261794	126.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	703123	87.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	441271	160.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1576765	92.62	ng	-0.02
78) Terphenyl-d14	20.00	244	2051030	76.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	107201	34.86	ng	# 77
3) Pyridine	3.93	79	300834	32.83	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	114378	34.71	ng	# 18
6) Aniline	7.39	93	392324	28.34	ng	# 92
8) 2-Chlorophenol	7.64	128	364100	45.53	ng	# 85
9) Benzaldehyde	7.20	77	91173	15.45	ng	# 79
10) Phenol	7.26	94	481015	44.46	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	344852	38.78	ng	# 85
12) 1,3-Dichlorobenzene	7.96	146	373708	40.43	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	382441	40.84	ng	# 95
14) 1,2-Dichlorobenzene	8.43	146	369676	40.21	ng	# 91
15) Benzyl Alcohol	8.30	79	316238	43.37	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	398074	30.85	ng	# 83
17) 2-Methylphenol	8.51	107	320922	41.17	ng	# 84
18) Hexachloroethane	9.16	117	131210	42.28	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	278170	38.25	ng	# 76
20) 3+4-Methylphenols	8.83	107	447805	40.33	ng	# 86
22) Acetophenone	8.89	105	533848	44.03	ng	# 77
24) Nitrobenzene	9.27	77	375960	43.42	ng	# 78
25) Isophorone	9.79	82	767755	43.57	ng	# 92
26) 2-Nitrophenol	9.98	139	201984	49.89	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	350770	46.42	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	477170	42.73	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	355465	49.28	ng	# 96
30) 1,2,4-Trichlorobenzene	10.73	180	349947	44.61	ng	# 98
31) Naphthalene	10.92	128	1097070	41.99	ng	# 99
32) Benzoic acid	10.11	122	64466	11.17	ng	# 72
33) 4-Chloroaniline	11.02	127	241166	21.25	ng	# 85
34) Hexachlorobutadiene	11.21	225	198000	44.36	ng	# 96
35) Caprolactam	11.78	113	82902	28.46	ng	# 63
36) 4-Chloro-3-methylphenol	12.13	107	389280	45.11	ng	# 85
37) 2-Methylnaphthalene	12.52	142	837286	42.08	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	372214	49.92	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	424758	104.11	ng	# 94

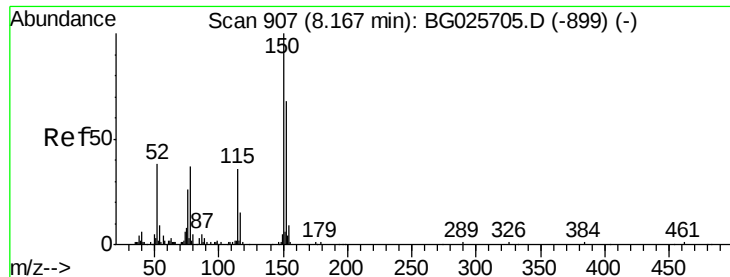
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	278376	57.81	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	288481	52.77	ng	94
45) 1,1'-Biphenyl	13.51	154	1056667	49.02	ng	99
46) 2-Chloronaphthalene	13.56	162	775126	49.74	ng	98
47) 2-Nitroaniline	13.75	65	250210	50.62	ng	# 72
48) Acenaphthylene	14.40	152	1322698	47.67	ng	99
49) Dimethylphthalate	14.13	163	1410420	69.11	ng	100
50) 2,6-Dinitrotoluene	14.24	165	236685	51.63	ng	# 69
51) Acenaphthene	14.74	154	923283	50.38	ng	98
52) 3-Nitroaniline	14.57	138	180581	35.22	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	166127	69.25	ng	# 81
54) Dibenzofuran	15.07	168	1250044	51.17	ng	92
55) 4-Nitrophenol	14.87	139	400729	96.03	ng	# 48
56) 2,4-Dinitrotoluene	15.02	165	329014	53.35	ng	# 78
57) Fluorene	15.72	166	1032594	47.30	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	273623	56.74	ng	96
59) Diethylphthalate	15.48	149	1081388	51.23	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	480588	47.51	ng	93
61) 4-Nitroaniline	15.73	138	255719	48.11	ng	# 56
62) Azobenzene	16.00	77	964246	53.14	ng	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	180718	45.34	ng	90
65) n-Nitrosodiphenylamine	15.92	169	928305	44.94	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	320249	44.86	ng	96
67) Hexachlorobenzene	16.72	284	330821	44.96	ng	95
68) Atrazine	16.86	200	355187	48.58	ng	97
69) Pentachlorophenol	17.06	266	431993	95.18	ng	98
70) Phenanthrene	17.45	178	1602369	43.33	ng	97
71) Anthracene	17.54	178	1652674	43.84	ng	99
72) Carbazole	17.80	167	1534139	40.51	ng	97
73) Di-n-butylphthalate	18.36	149	1855214	49.90	ng	# 94
74) Fluoranthene	19.45	202	1787255	43.90	ng	95
76) Benzidine	19.62	184	766376	37.20	ng	97
77) Pyrene	19.81	202	1806438	43.77	ng	98
79) Butylbenzylphthalate	20.68	149	847884	54.13	ng	90
80) Benzo(a)anthracene	21.63	228	1632046	42.83	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	347180	25.56	ng	# 97
82) Chrysene	21.70	228	1534715	41.89	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1260034	55.71	ng	# 98
84) Di-n-octyl phthalate	22.74	149	2169562	58.09	ng	# 84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1673776	38.78	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	1621976	43.05	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	1575066	42.85	ng	# 92
89) Benzo(a)pyrene	24.70	252	1520418	42.62	ng	# 93
90) Dibenzo(a,h)anthracene	28.56	278	1338341	37.34	ng	# 93
91) Benzo(g,h,i)perylene	29.64	276	1441168	40.10	ng	# 89

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

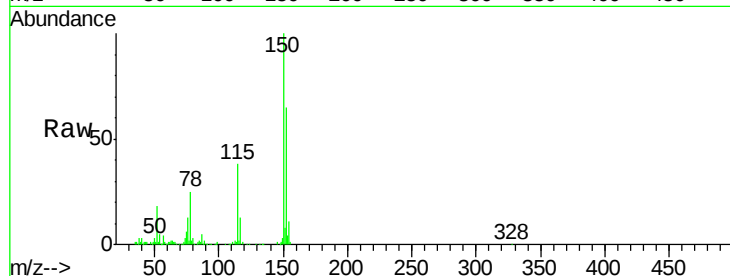


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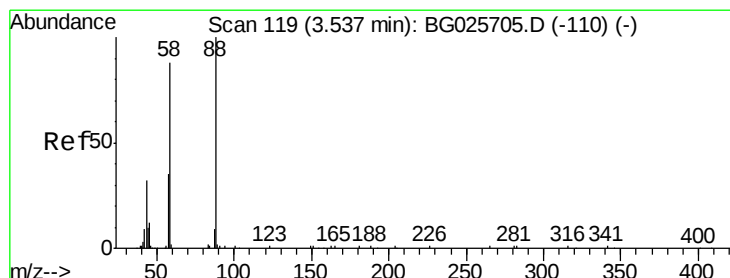
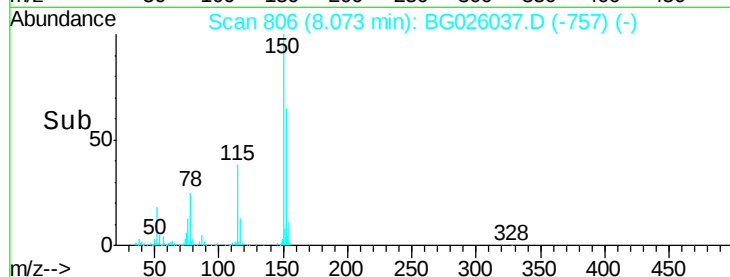
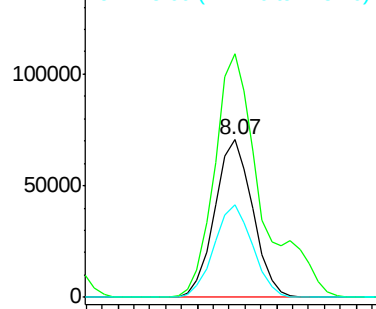
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:152 Resp: 117138
Ion Ratio Lower Upper
152 100
150 154.4 114.0 171.0
115 58.3 48.1 72.1



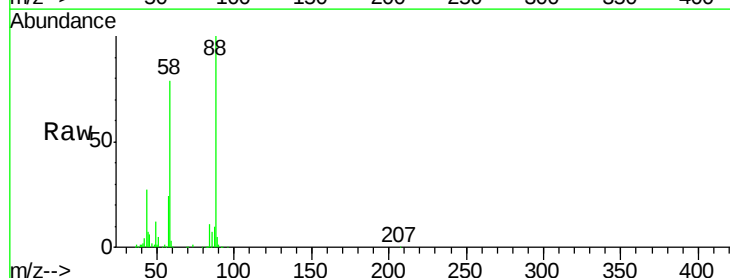
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



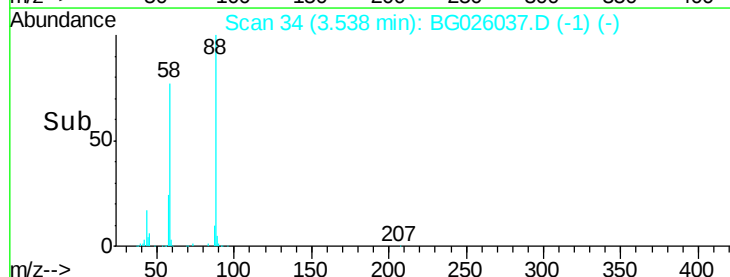
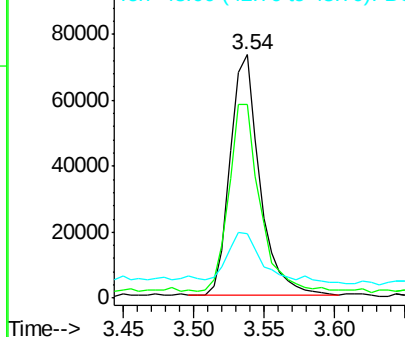
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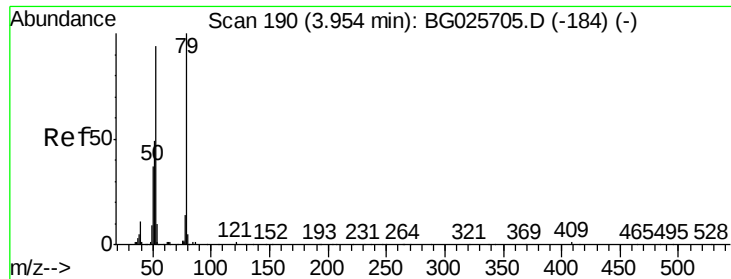
1,4-Dioxane
Concen: 34.86 ng
RT: 3.54 min Scan# 34
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion: 88 Resp: 107201
Ion Ratio Lower Upper
88 100
58 80.3 79.4 119.2
43 20.7 33.8 50.6#



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: 32.83 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

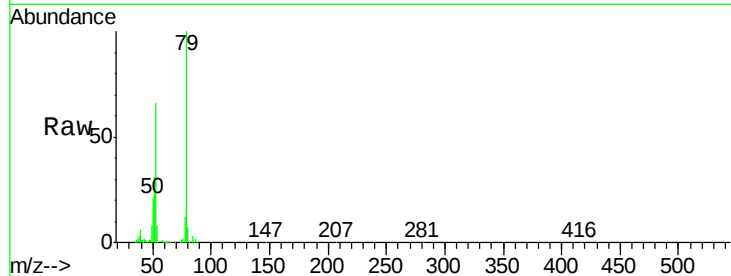
Tgt Ion: 79 Resp: 300834

Ion Ratio Lower Upper

79 100

52 65.7 77.8 116.6#

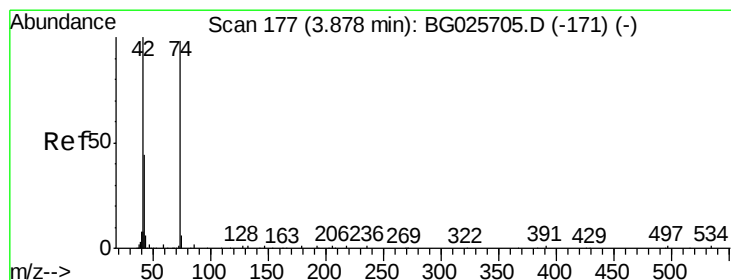
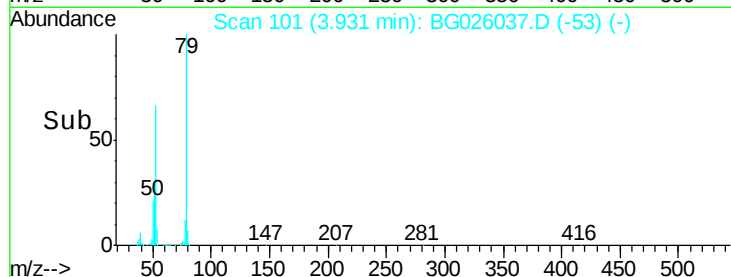
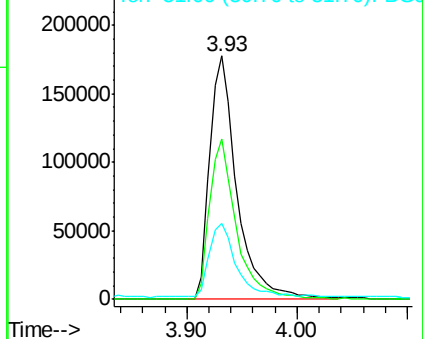
51 31.1 43.2 64.8#



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: 34.71 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

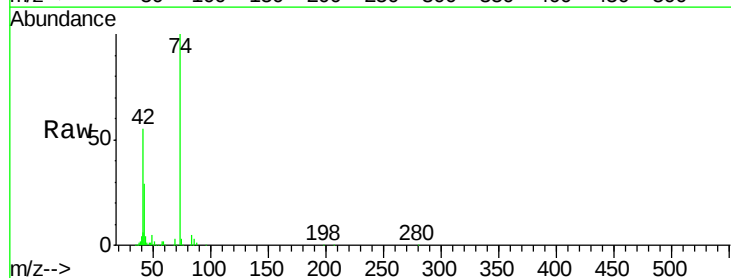
Tgt Ion: 42 Resp: 114378

Ion Ratio Lower Upper

42 100

74 181.8 76.7 115.1#

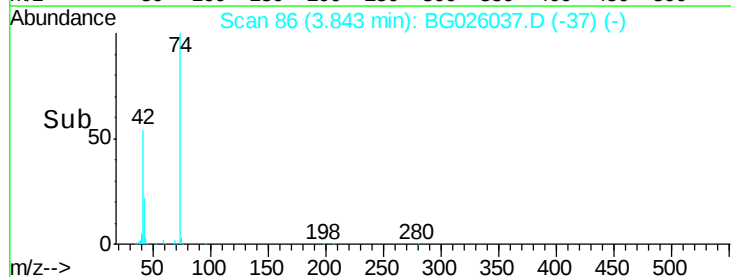
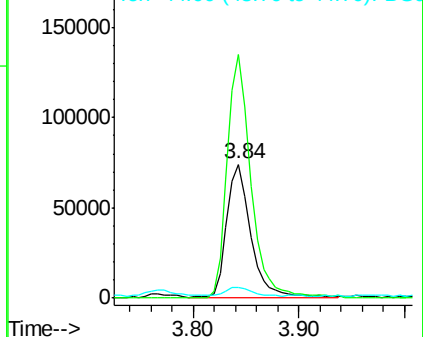
44 7.7 6.1 9.1

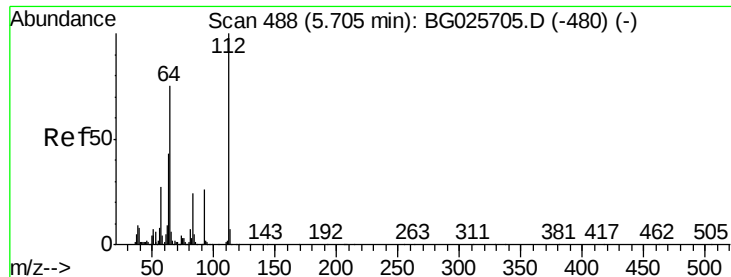


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.13 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

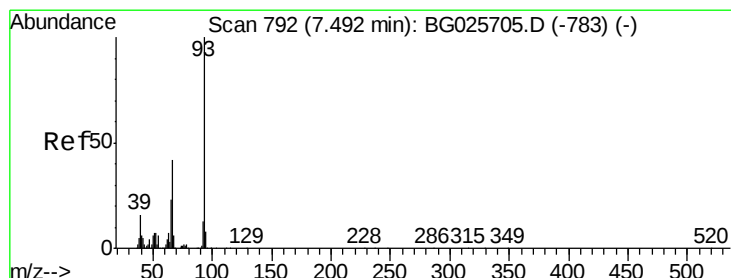
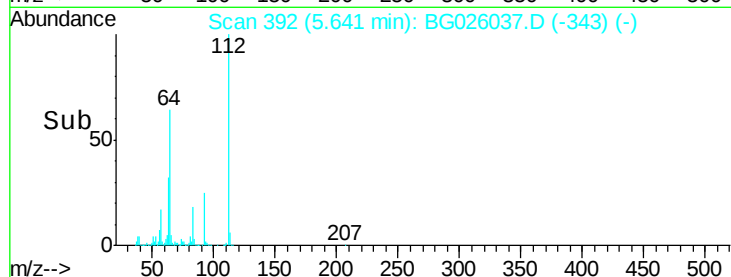
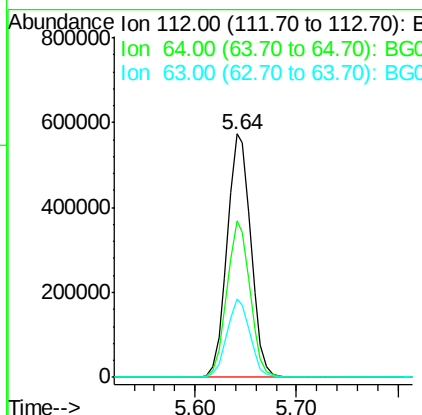
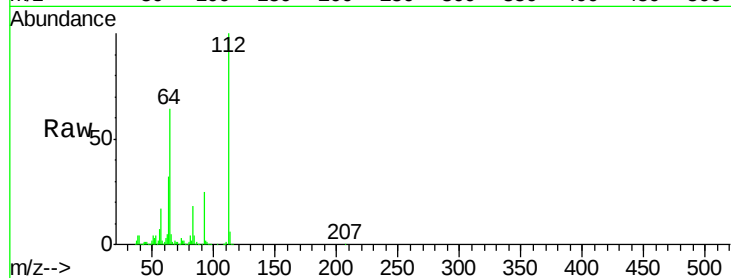
Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion:	112	Resp:	929394
Ion Ratio	Lower	Upper	
112	100		
64	64.3	61.8	92.6
63	32.2	37.2	55.8#



#6

Aniline

Concen: 28.34 ng

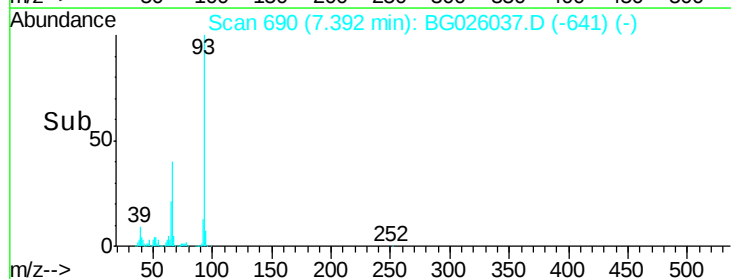
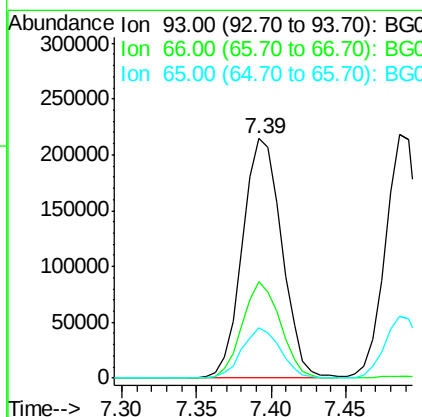
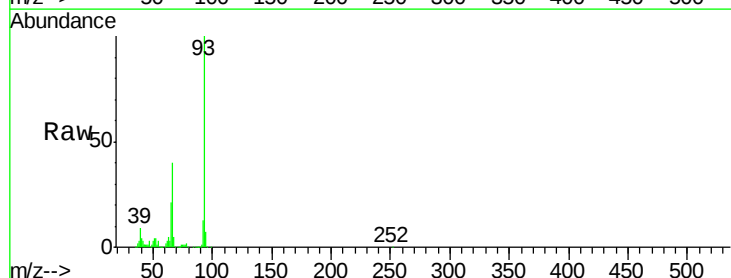
RT: 7.39 min Scan# 690

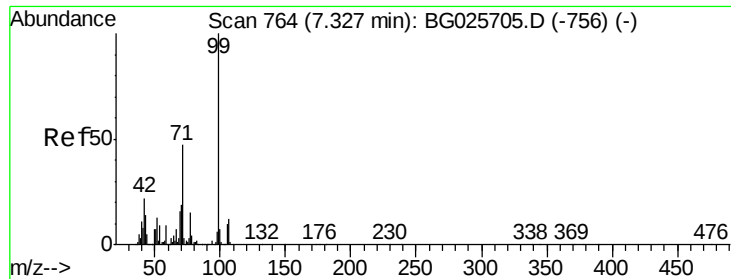
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	93	Resp:	392324
Ion Ratio	Lower	Upper	
93	100		
66	40.2	35.4	53.2
65	20.9	21.2	31.8#





#7

Phenol-d6

Concen: 126.73 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

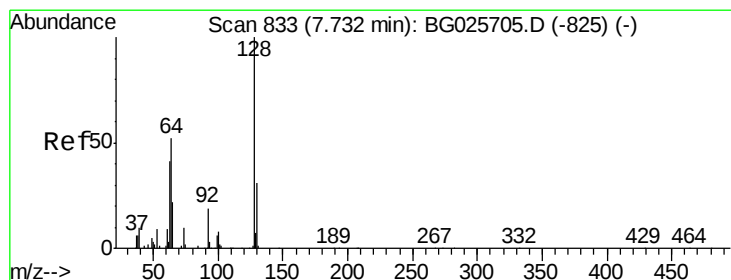
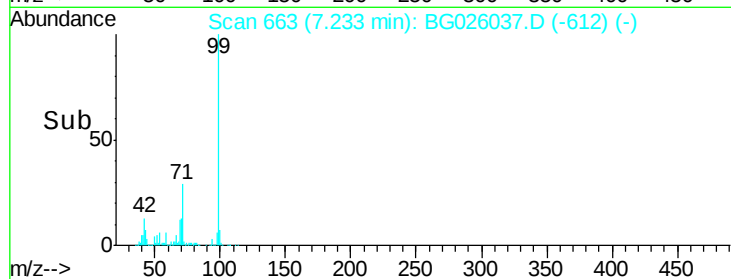
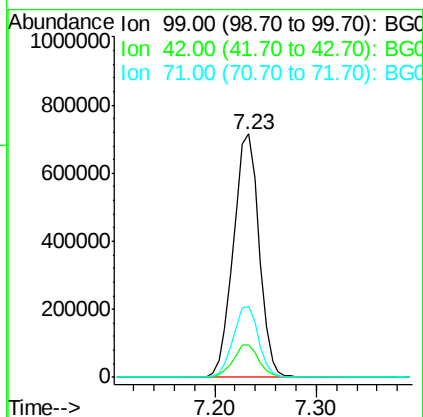
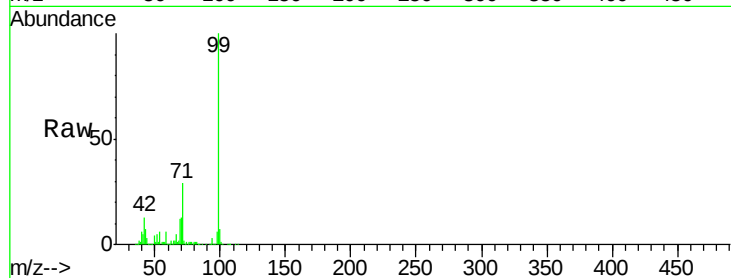
BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion: 99 Resp: 1261794

Ion	Ratio	Lower	Upper
99	100		
42	13.2	20.5	30.7#
71	29.3	37.6	56.4#



#8

2-Chlorophenol

Concen: 45.53 ng

RT: 7.64 min Scan# 732

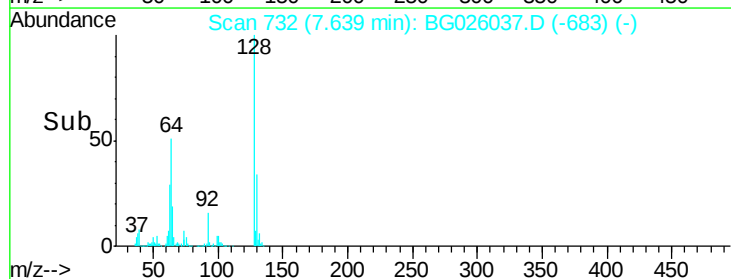
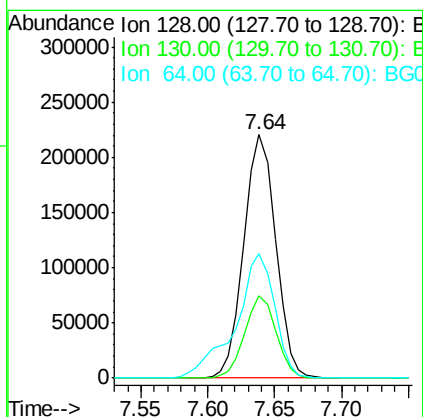
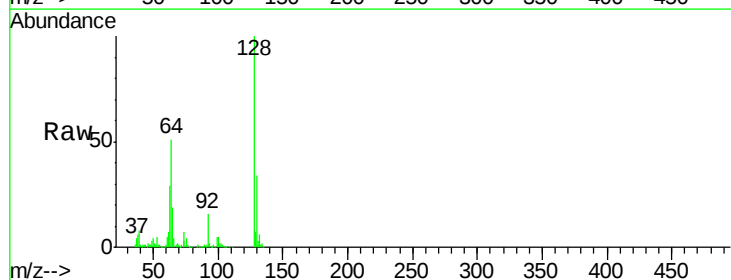
Delta R.T. -0.01 min

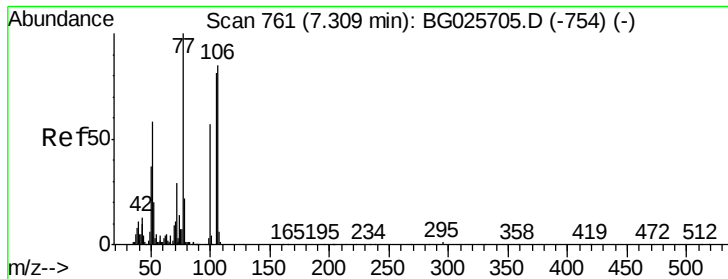
Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion: 128 Resp: 364100

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.4	51.4
64	51.1	46.6	86.6





#9

Benzaldehyde

Concen: 15.45 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

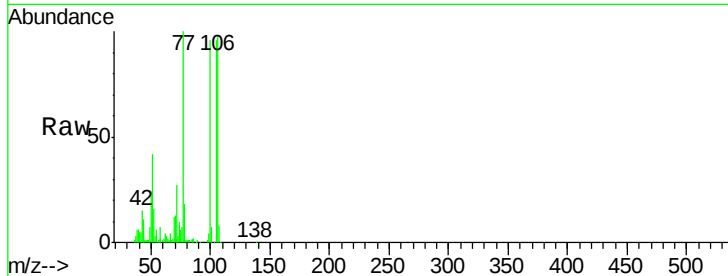
Tgt Ion: 77 Resp: 91173

Ion Ratio Lower Upper

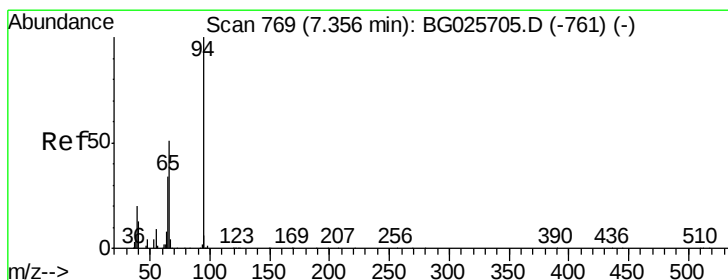
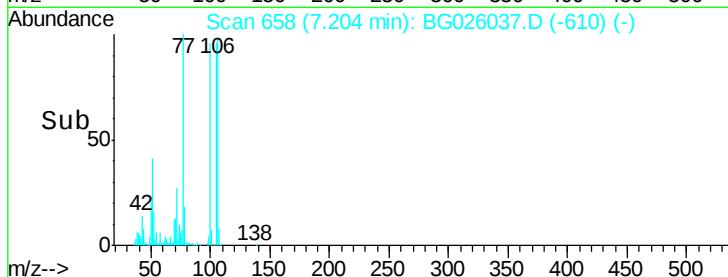
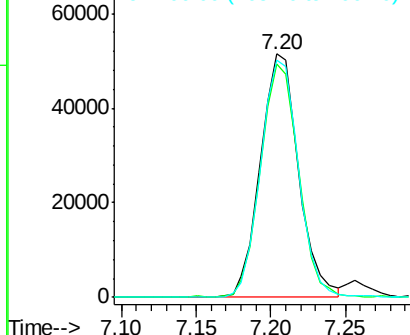
77 100

105 95.9 60.9 100.9

106 97.6 55.1 95.1#



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: 44.46 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

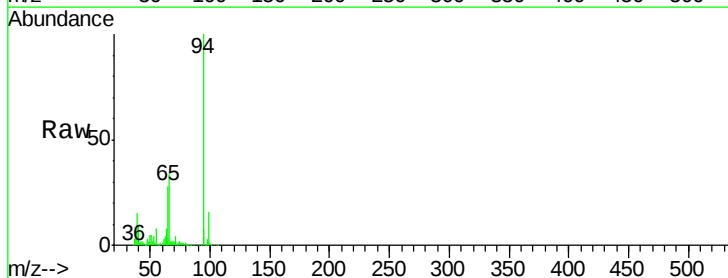
Tgt Ion: 94 Resp: 481015

Ion Ratio Lower Upper

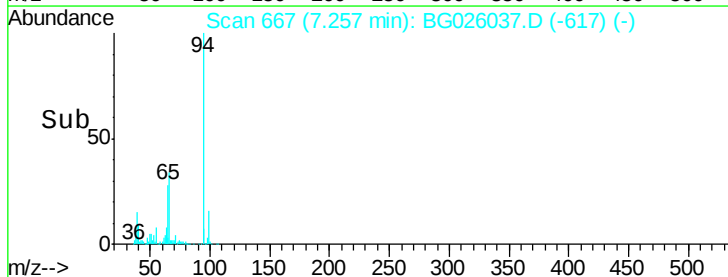
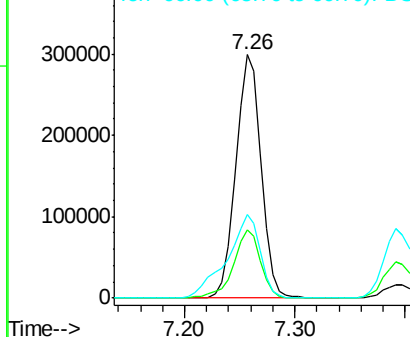
94 100

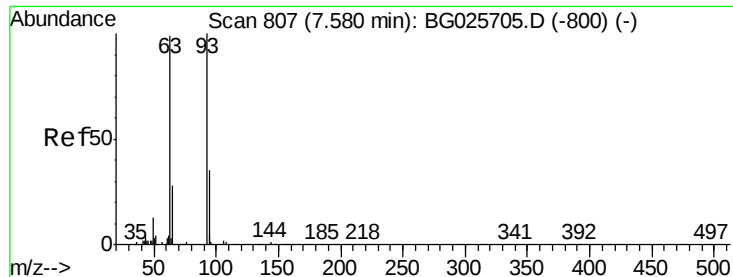
65 28.1 20.6 60.6

66 34.4 35.5 75.5#



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

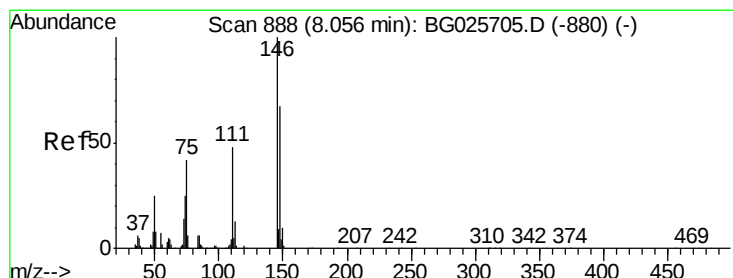
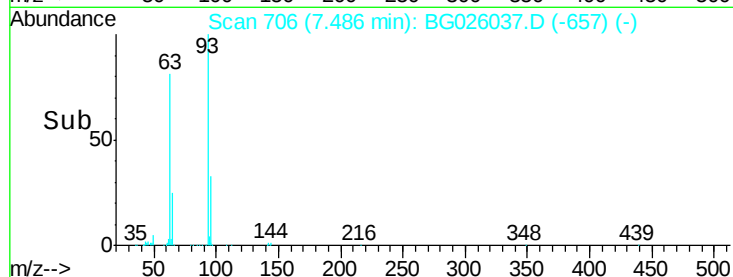
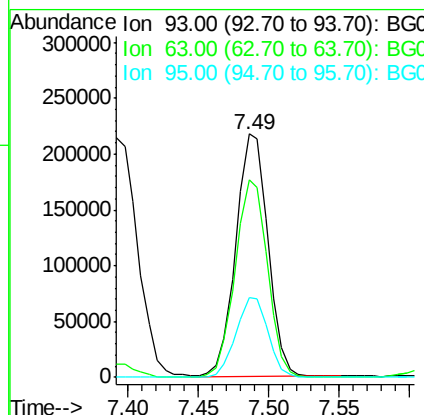
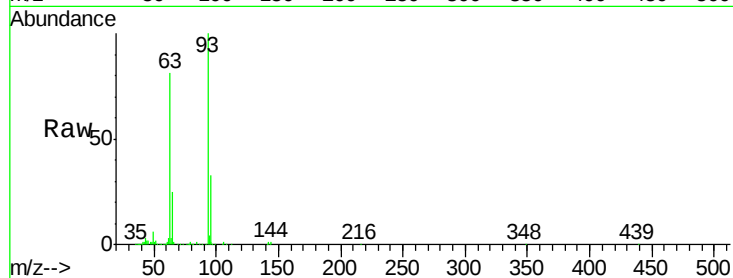




#11
bis(2-Chloroethyl)ether
Concen: 38.78 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

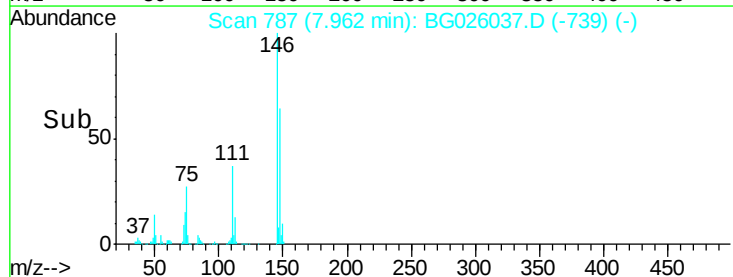
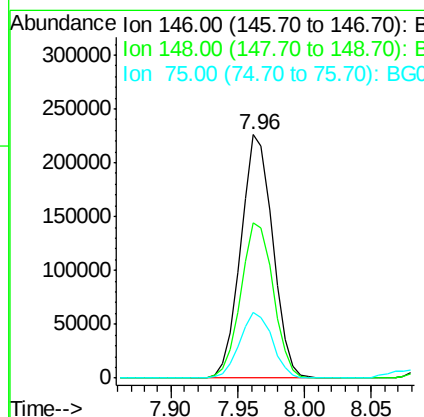
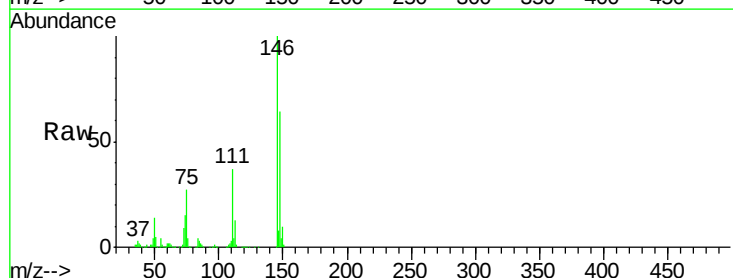
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

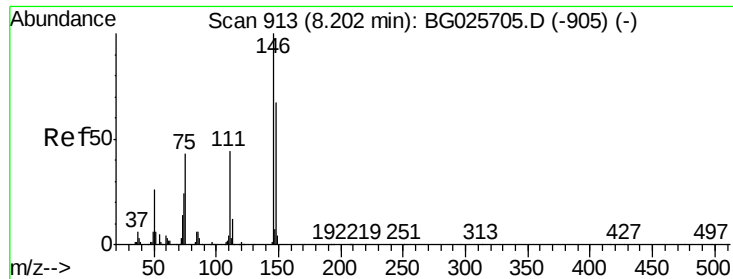
Tgt Ion: 93 Resp: 344852
Ion Ratio Lower Upper
93 100
63 81.0 78.5 118.5
95 32.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.43 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion: 146 Resp: 373708
Ion Ratio Lower Upper
146 100
148 63.6 49.2 73.8
75 27.2 33.4 50.2#

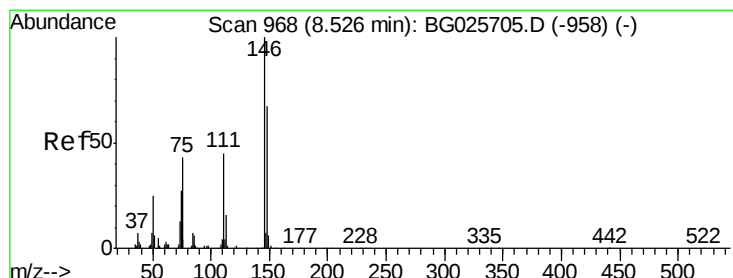
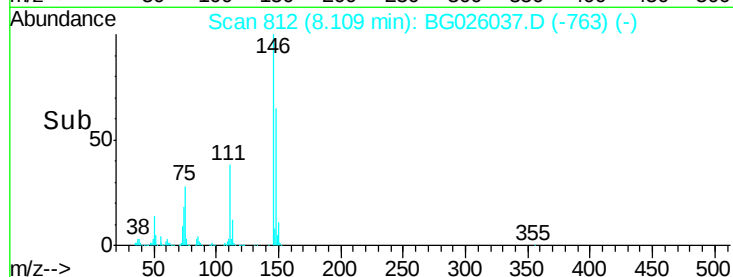
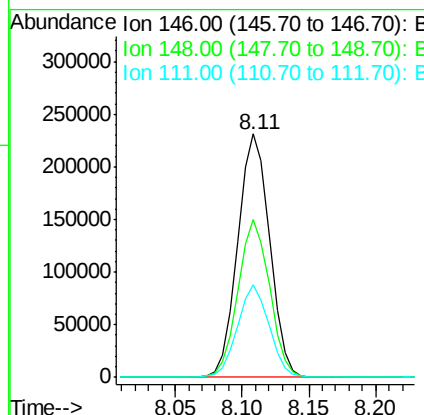
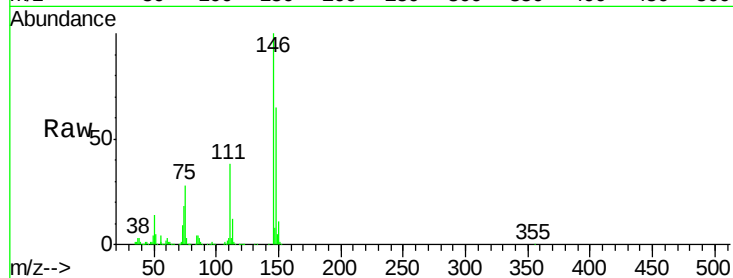




#13
 1,4-Dichlorobenzene
 Concen: 40.84 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

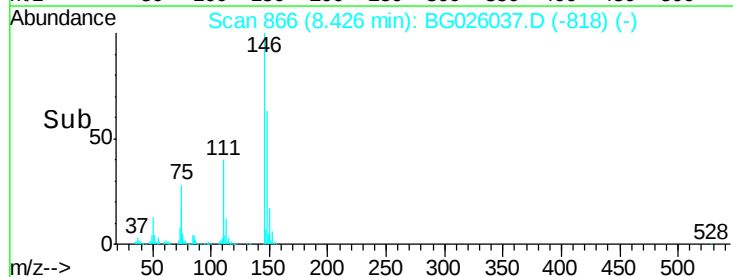
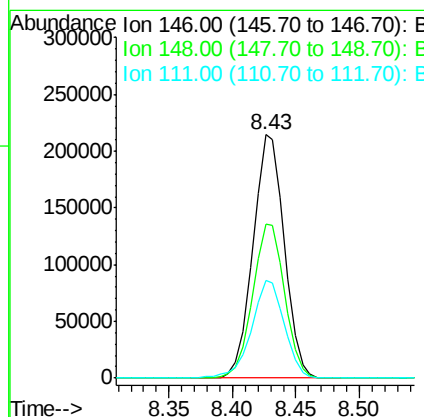
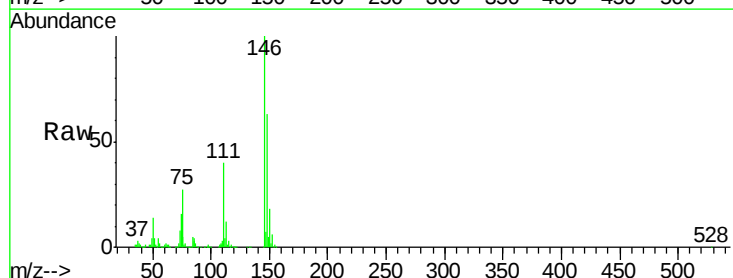
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

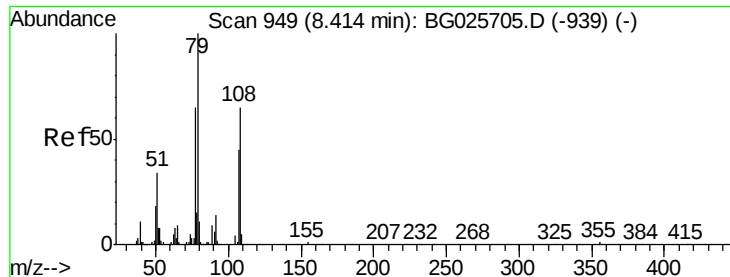
Tgt Ion:146 Resp: 382441
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 38.1 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 40.21 ng
 RT: 8.43 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:146 Resp: 369676
 Ion Ratio Lower Upper
 146 100
 148 63.4 54.6 81.8
 111 40.0 39.7 59.5





#15

Benzyl Alcohol

Concen: 43.37 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

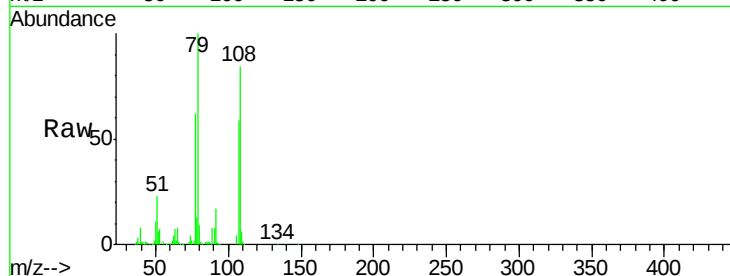
Tgt Ion: 79 Resp: 316238

Ion Ratio Lower Upper

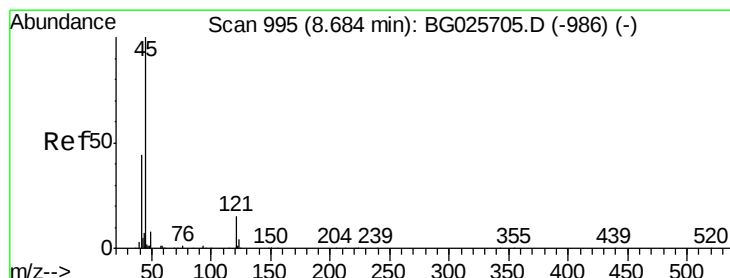
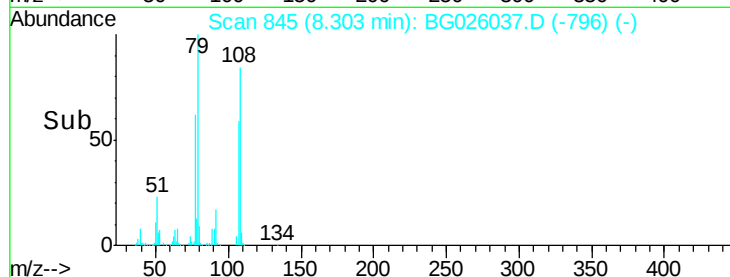
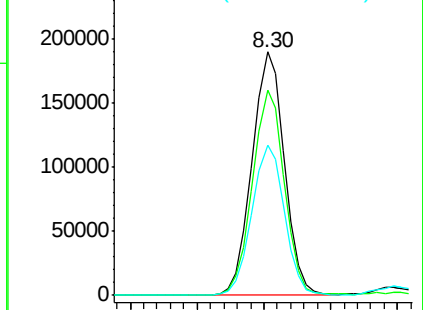
79 100

108 84.4 45.5 68.3#

77 61.6 54.3 81.5



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: 30.85 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

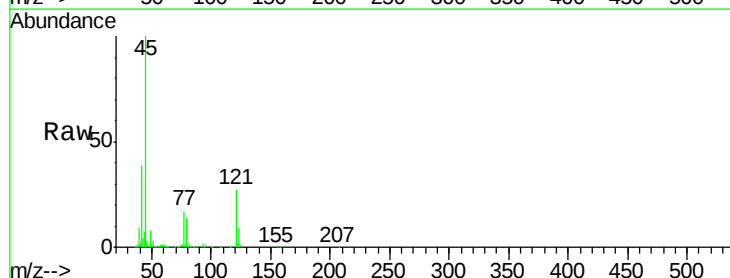
Tgt Ion: 45 Resp: 398074

Ion Ratio Lower Upper

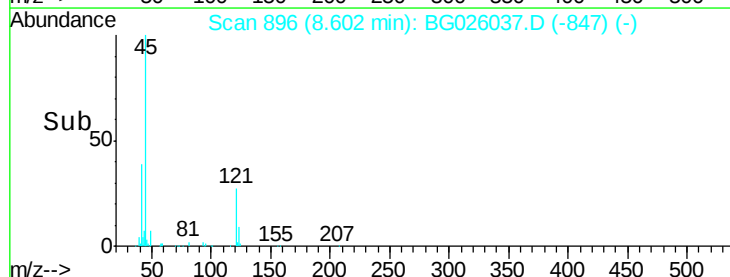
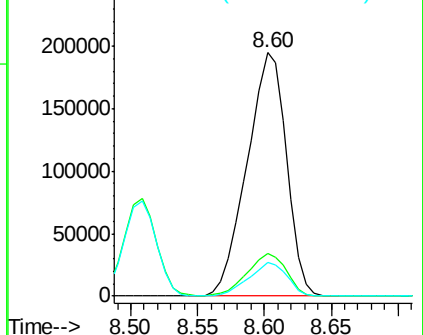
45 100

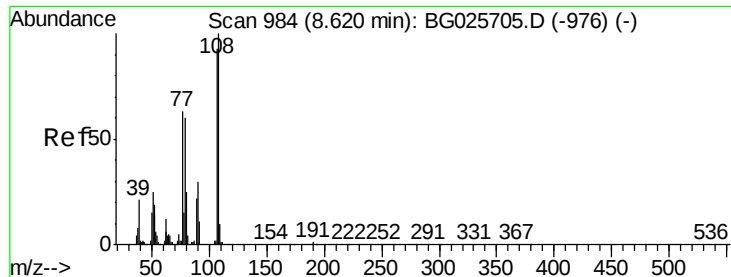
77 17.3 0.0 30.6

79 14.0 0.0 28.5



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

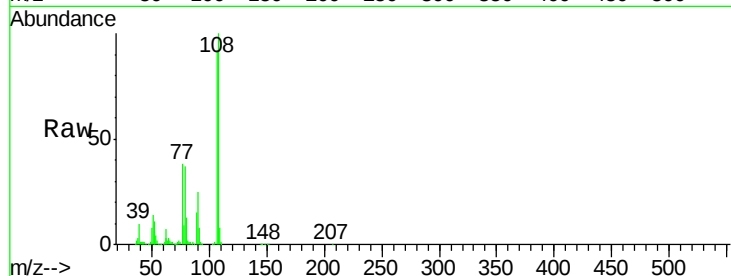




#17
2-Methylphenol
Concen: 41.17 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.6	85.6	128.4
77	41.2	51.4	77.2#
79	39.7	49.2	73.8#



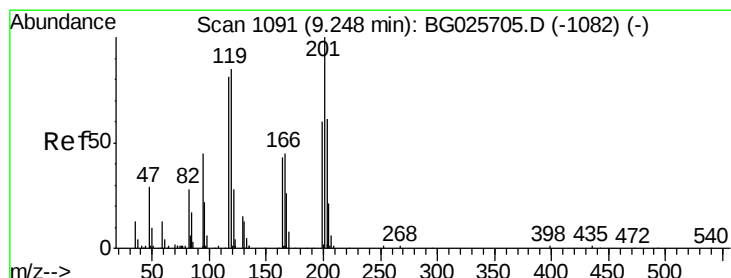
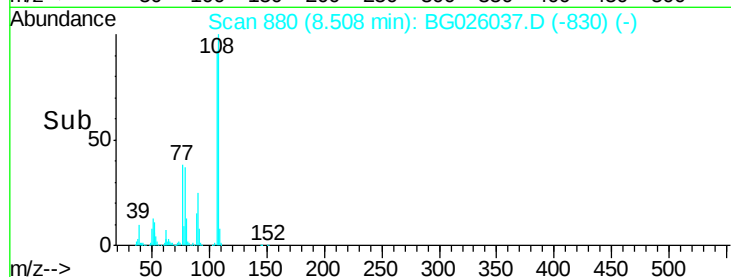
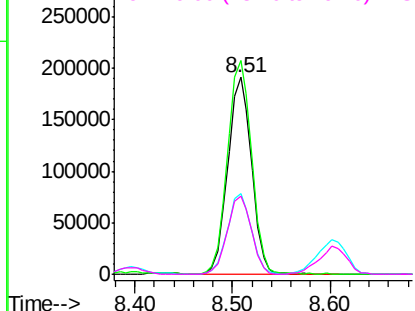
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

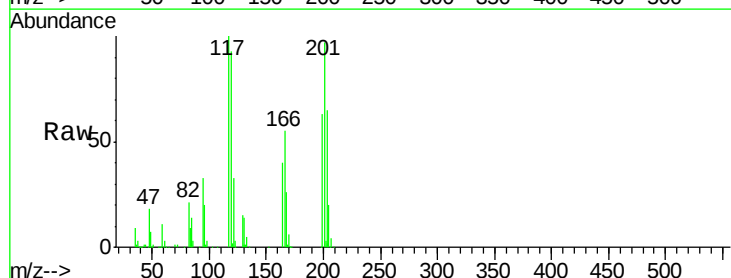
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.28 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	69.8	104.6
201	97.4	95.4	143.0

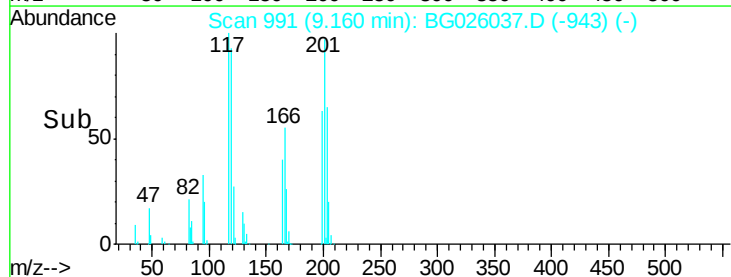
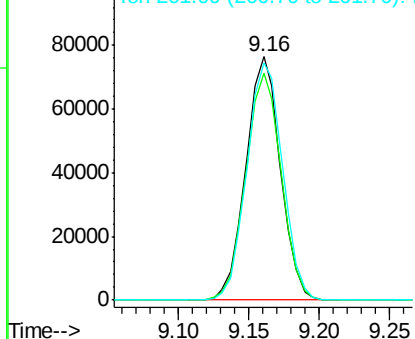


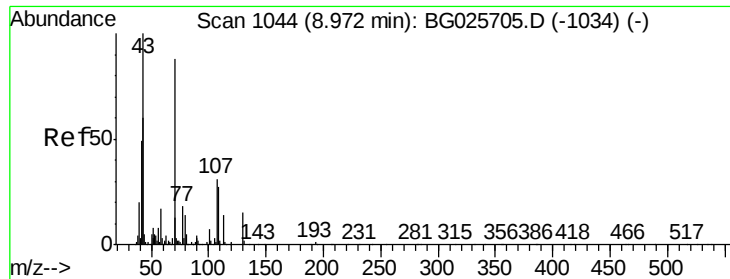
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

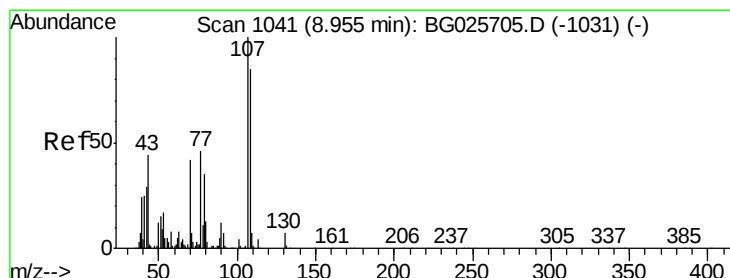
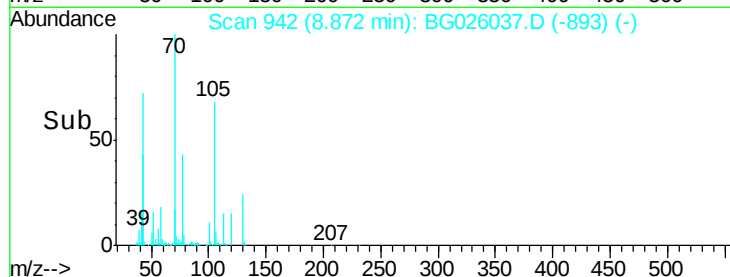
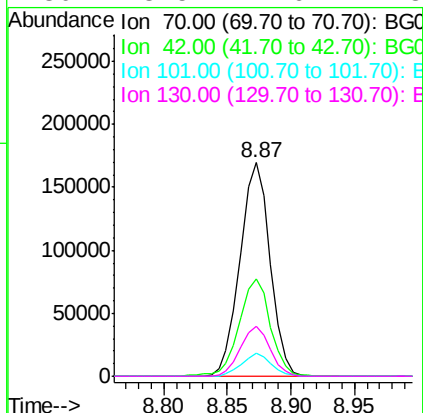
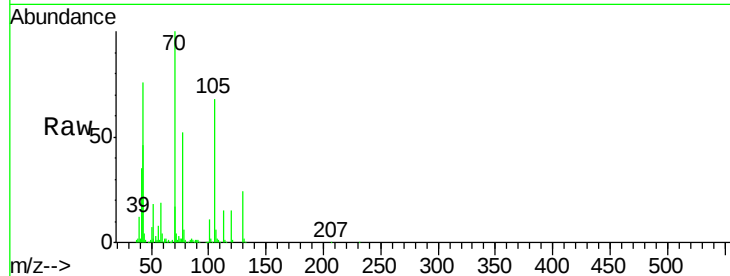




#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

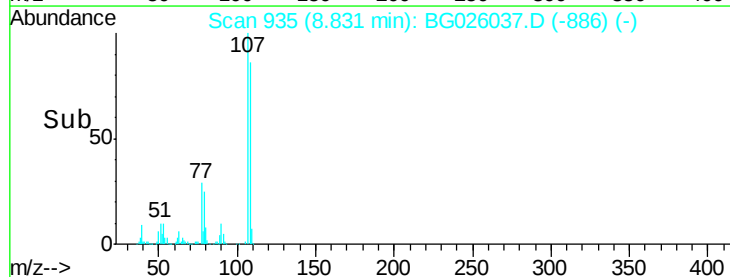
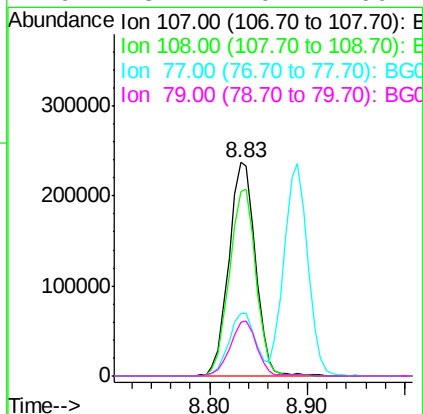
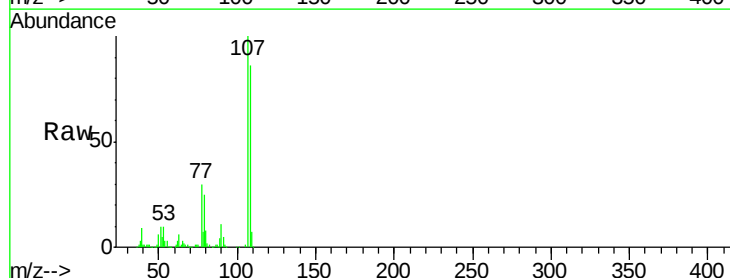
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

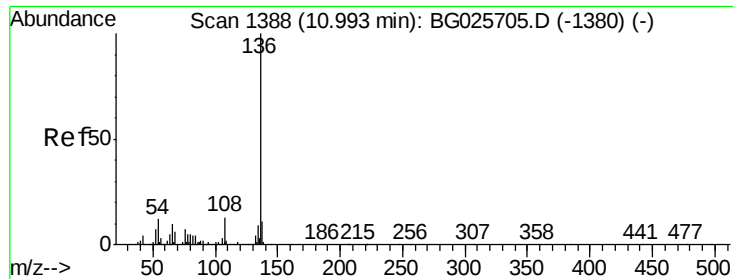
Tgt Ion:	70	Resp:	278170
Ion	Ratio	Lower	Upper
70	100		
42	45.7	56.1	84.1#
101	11.0	7.5	11.3
130	23.5	14.6	21.8#



#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:	107	Resp:	447805
Ion	Ratio	Lower	Upper
107	100		
108	86.1	70.8	110.8
77	29.6	25.8	65.8
79	25.1	20.1	60.1

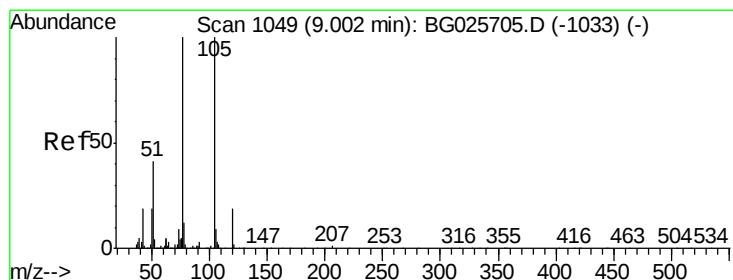
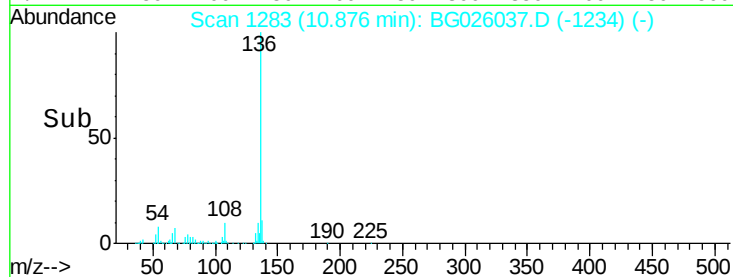
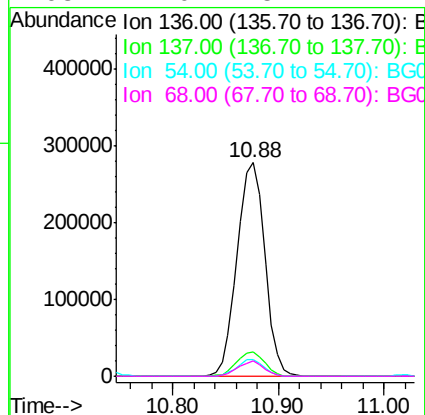
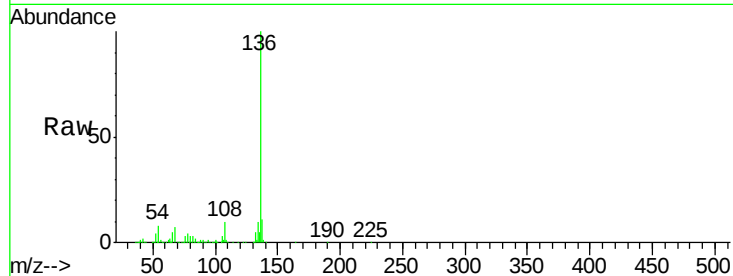




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

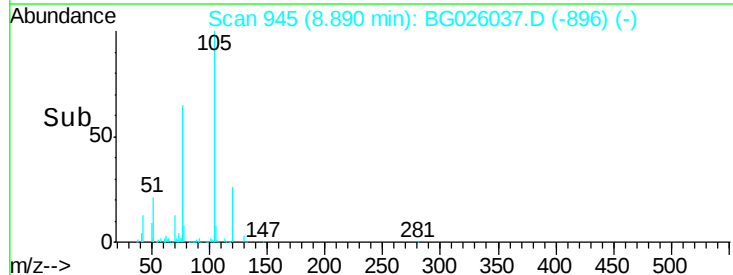
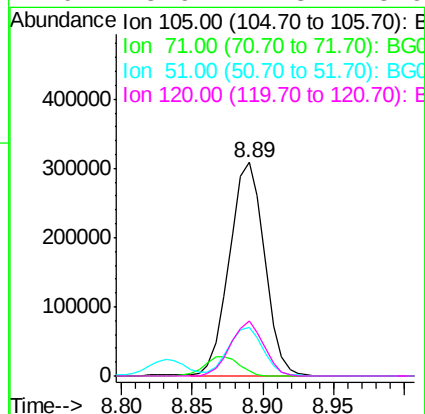
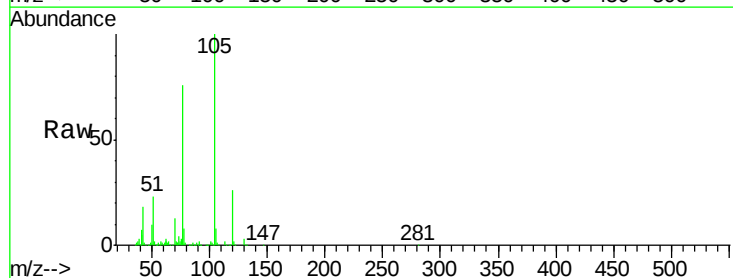
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

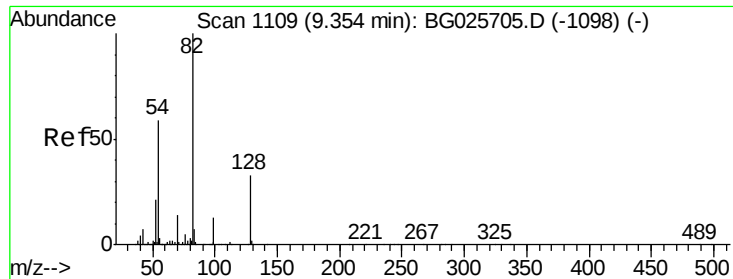
Tgt Ion:	136	Resp:	505302
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	9.3	13.9#
68	7.0	5.1	7.7



#22
Acetophenone
Concen: 44.03 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:	105	Resp:	533848
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.9	1.3#
51	22.7	34.0	51.0#
120	25.6	17.3	25.9

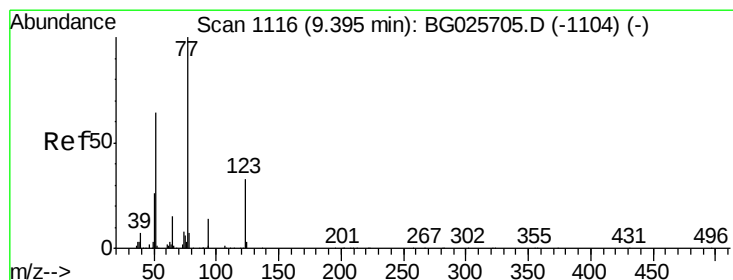
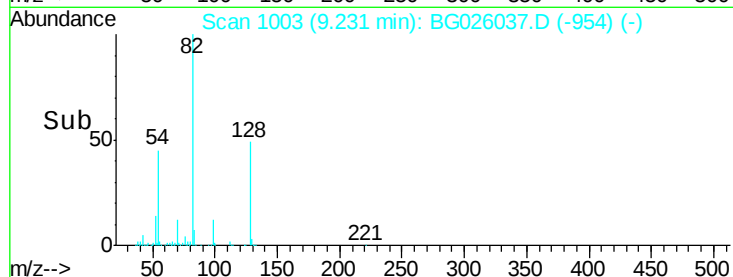
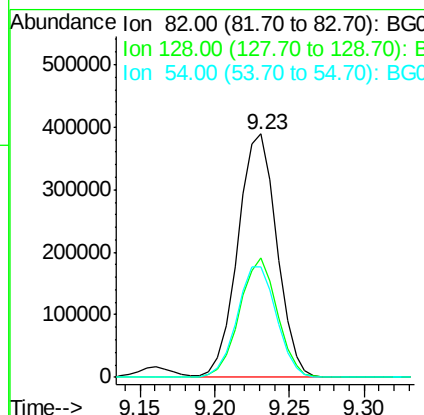
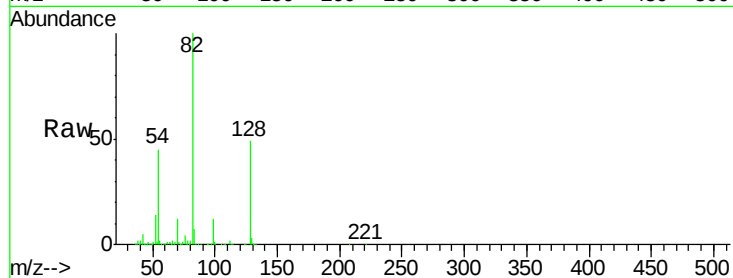




#23
 Nitrobenzene-d5
 Concen: 87.81 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

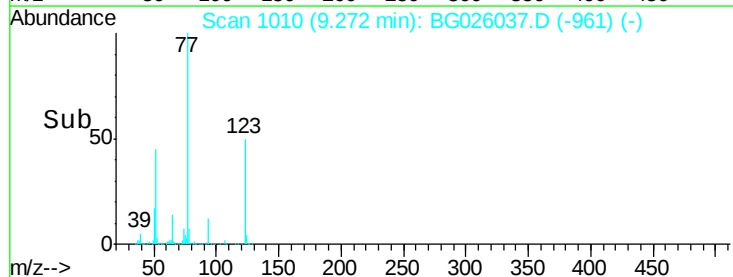
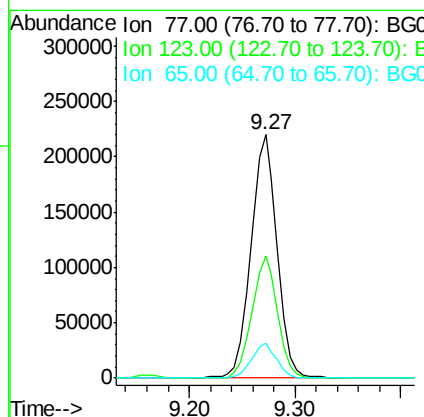
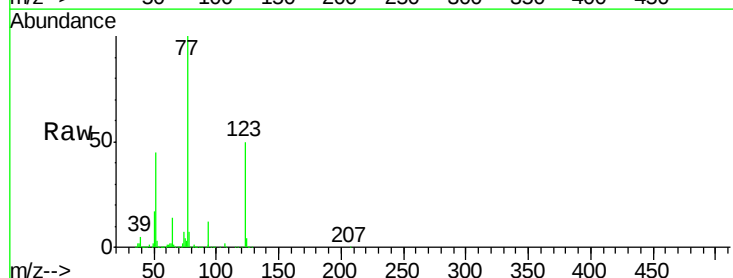
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

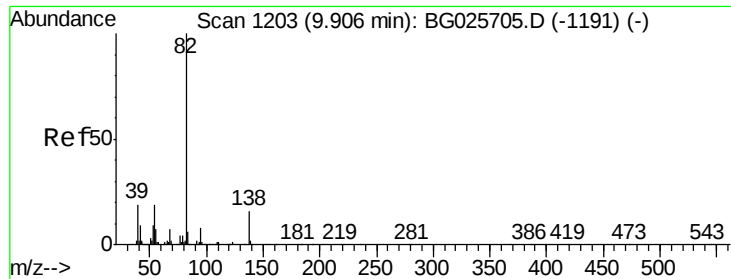
Tgt Ion: 82 Resp: 703123
 Ion Ratio Lower Upper
 82 100
 128 49.1 26.4 39.6#
 54 45.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 43.42 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion: 77 Resp: 375960
 Ion Ratio Lower Upper
 77 100
 123 50.4 26.1 39.1#
 65 14.4 12.4 18.6





#25

Isophorone

Concen: 43.57 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

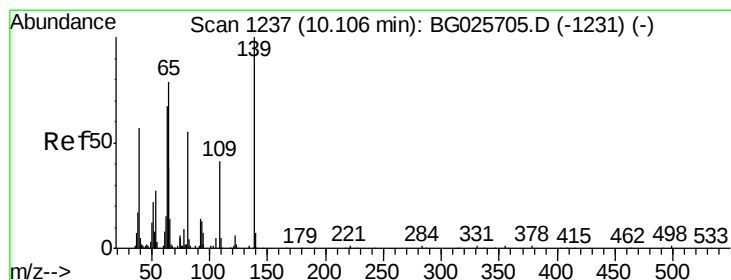
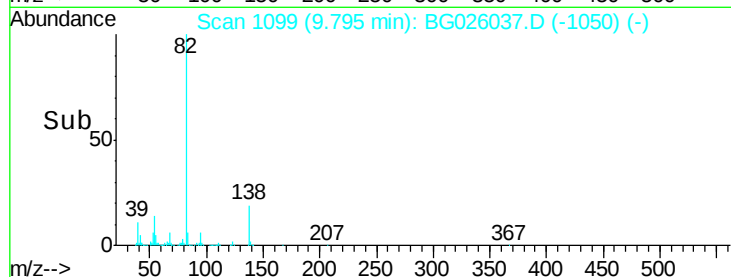
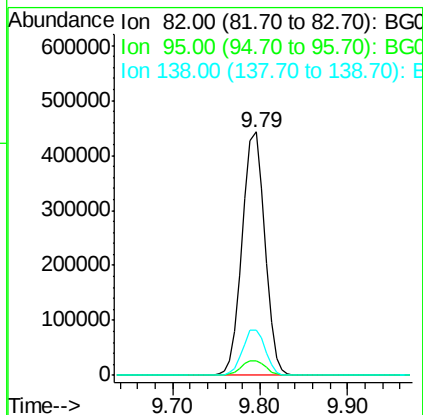
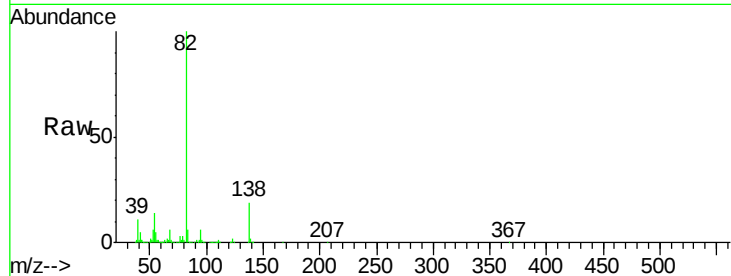
Tgt Ion: 82 Resp: 767755

Ion Ratio Lower Upper

82 100

95 6.1 7.5 11.3#

138 18.5 12.3 18.5#



#26

2-Nitrophenol

Concen: 49.89 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

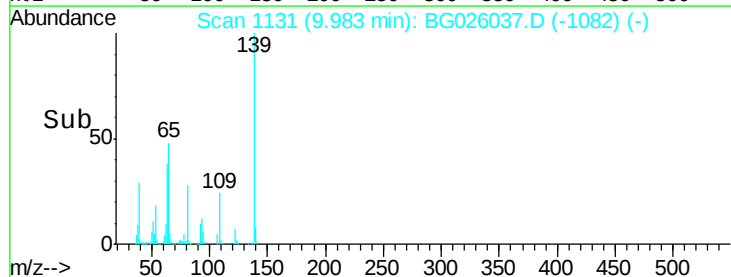
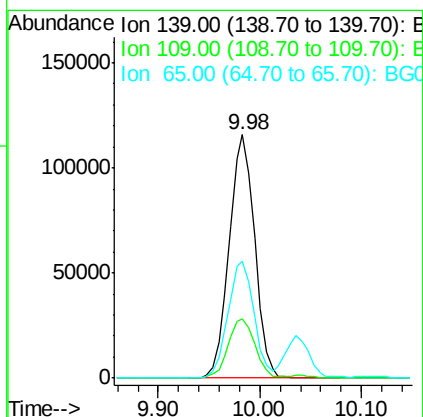
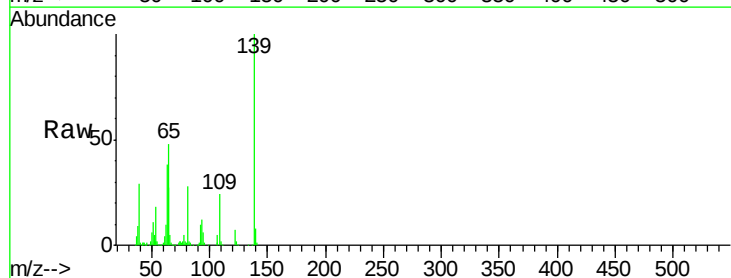
Tgt Ion: 139 Resp: 201984

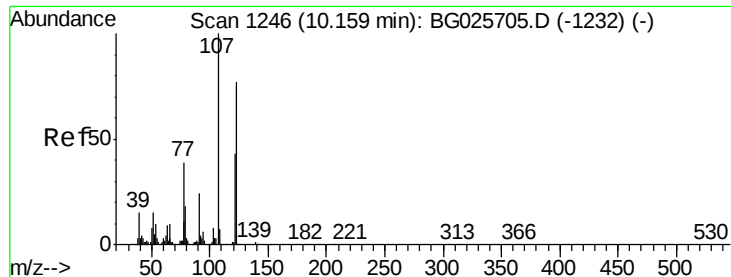
Ion Ratio Lower Upper

139 100

109 24.4 38.6 58.0#

65 47.8 57.1 85.7#

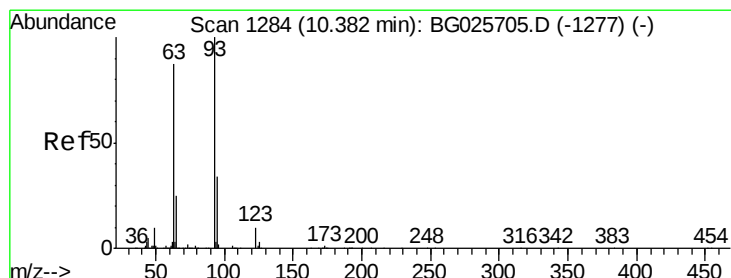
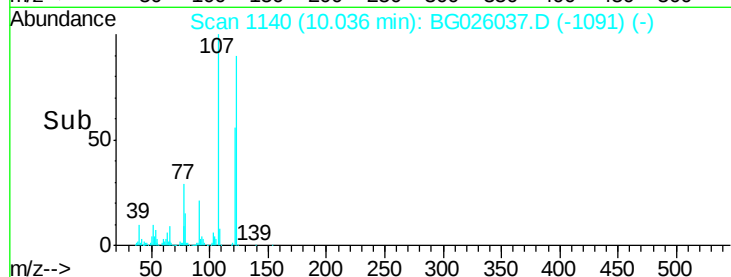
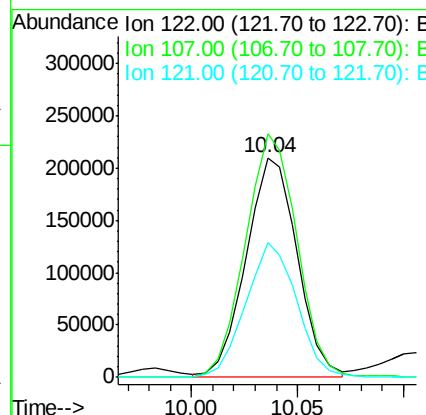
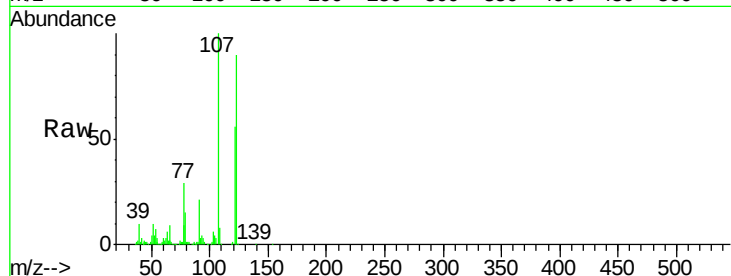




#27
 2,4-Dimethylphenol
 Concen: 46.42 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

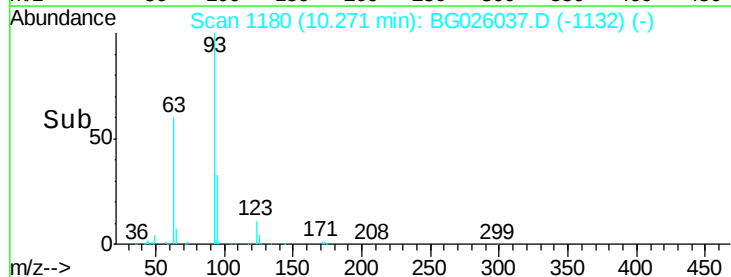
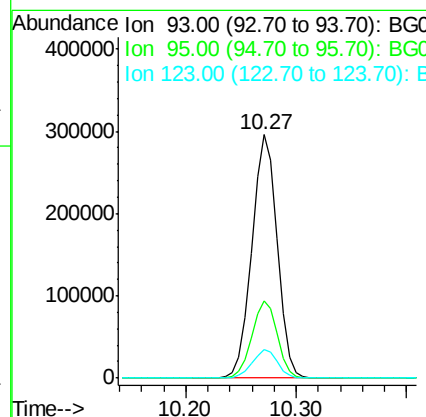
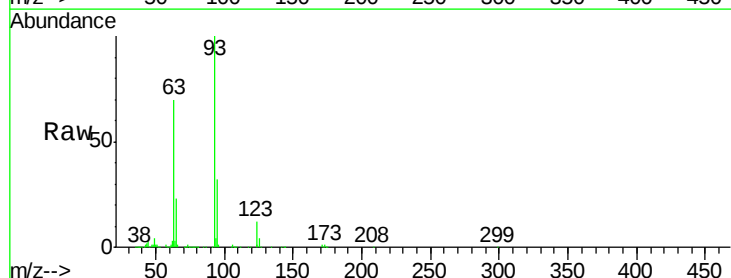
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

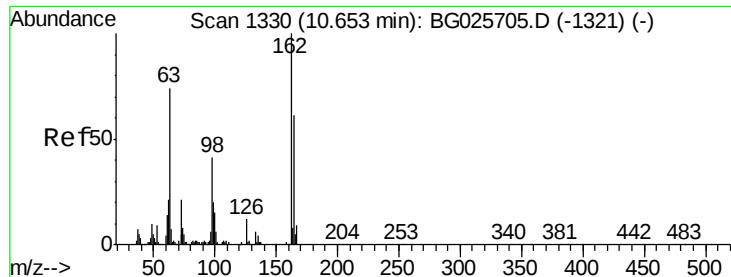
Tgt Ion: 122 Resp: 350770
 Ion Ratio Lower Upper
 122 100
 107 110.9 104.2 156.4
 121 61.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.73 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion: 93 Resp: 477170
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 11.7 8.3 12.5

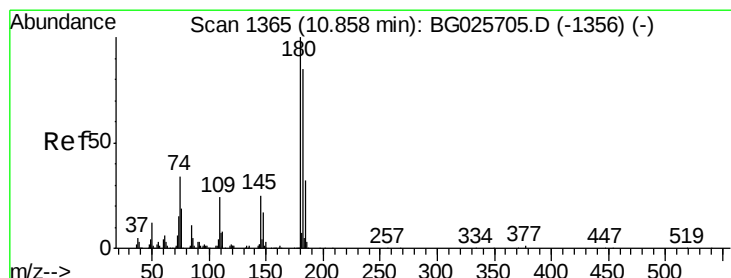
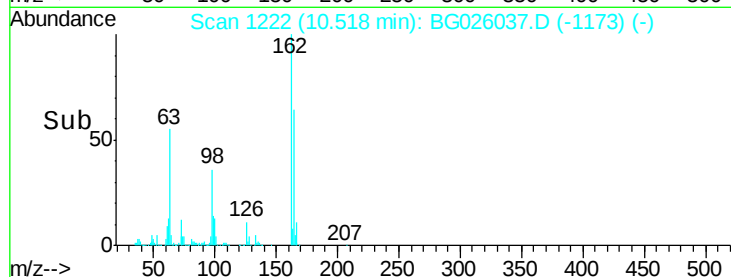
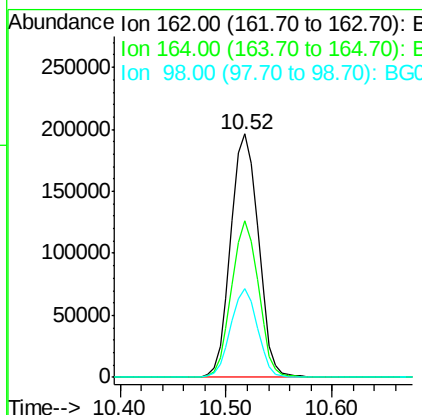
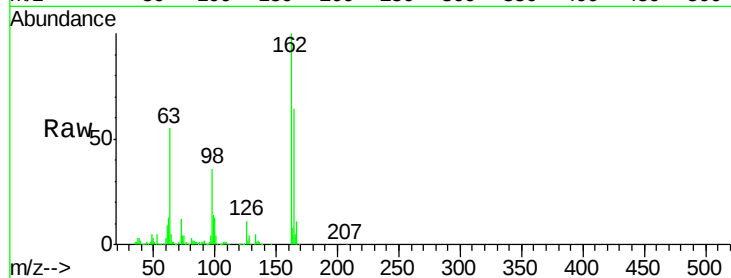




#29
 2,4-Dichlorophenol
 Concen: 49.28 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

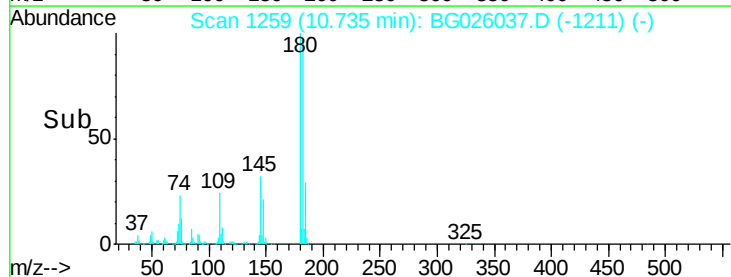
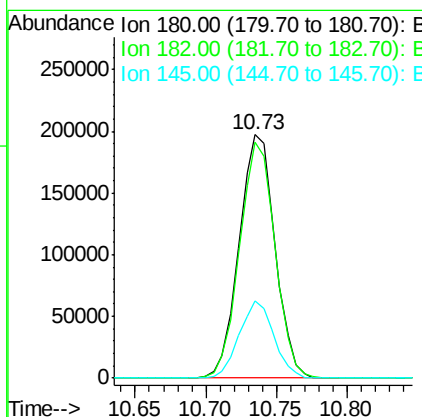
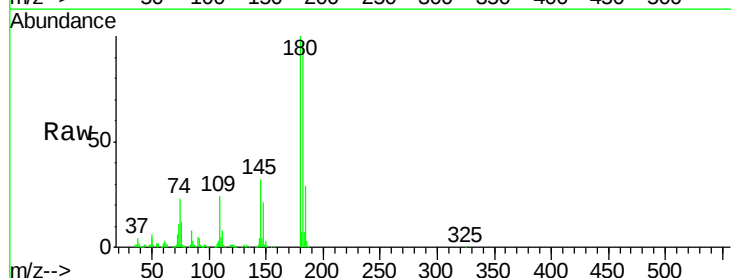
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

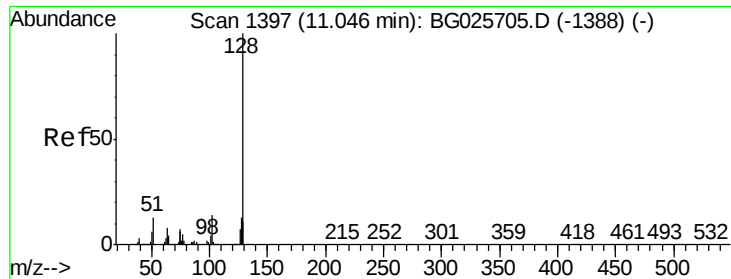
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.4	82.4
98	36.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.61 ng
 RT: 10.73 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.4
145	31.8	23.4	35.0

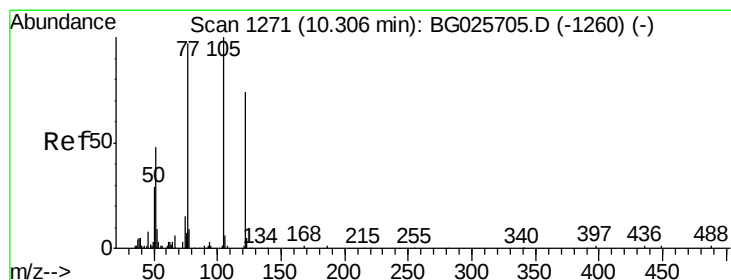
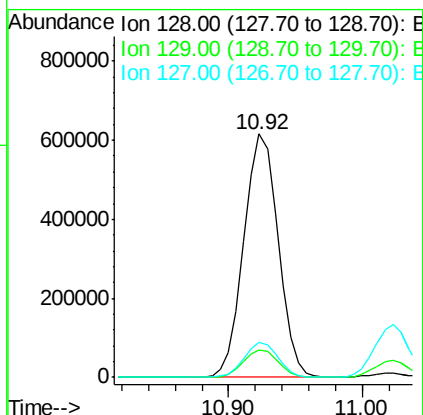
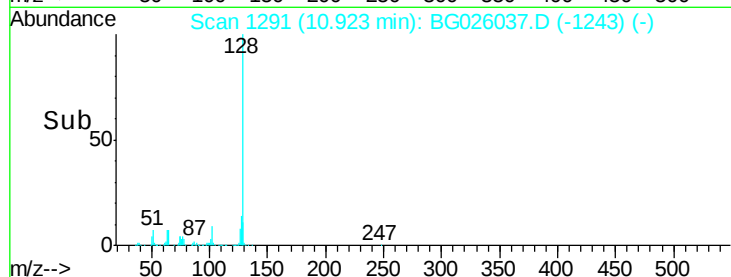
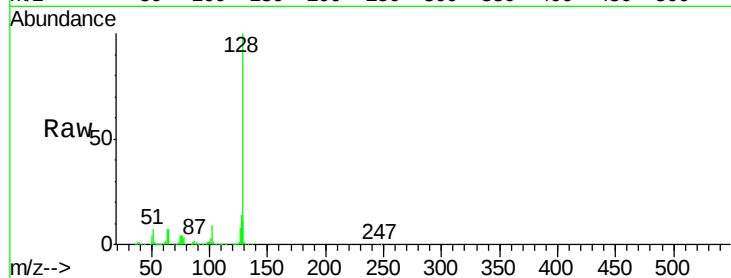




#31
Naphthalene
Concen: 41.99 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

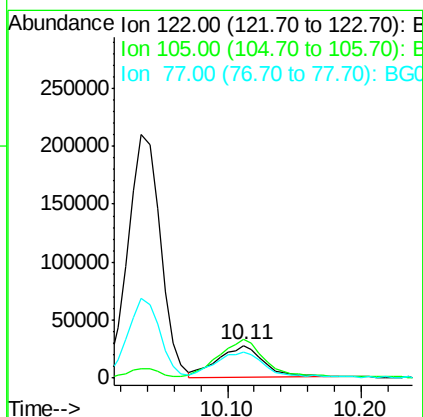
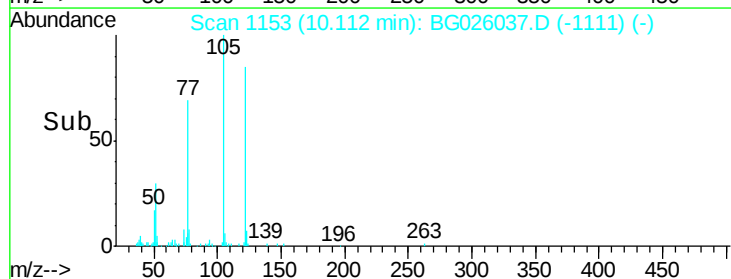
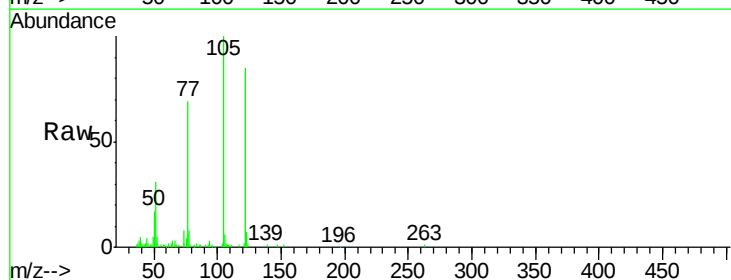
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

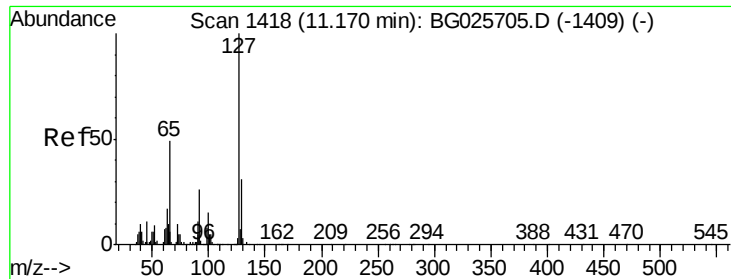
Tgt Ion:128 Resp: 1097070
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 11.17 ng
RT: 10.11 min Scan# 1153
Delta R.T. -0.06 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:122 Resp: 64466
Ion Ratio Lower Upper
122 100
105 117.8 120.1 160.1#
77 81.6 104.6 144.6#

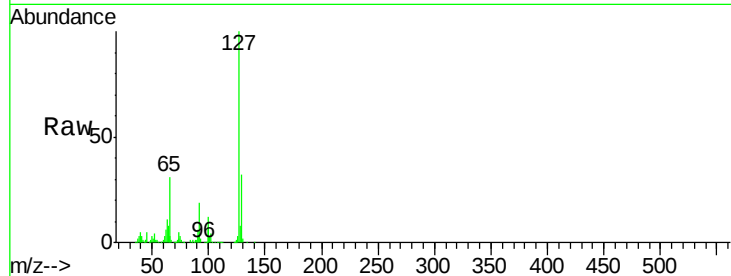




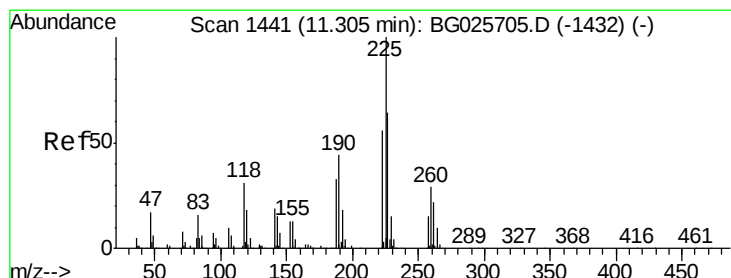
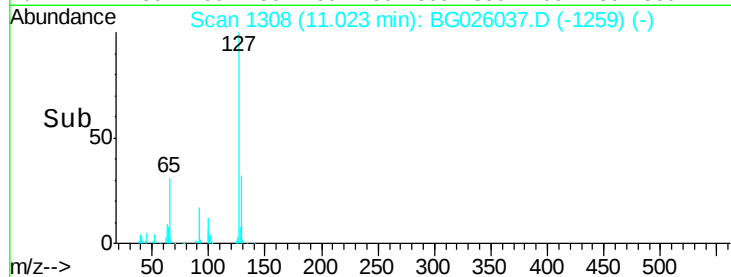
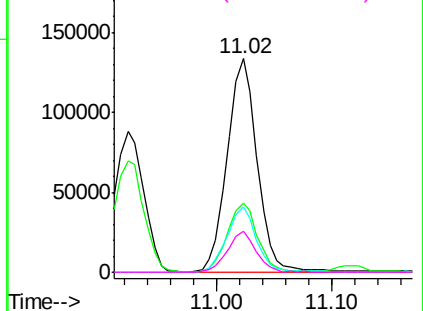
#33
4-Chloroaniline
Concen: 21.25 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:	127	Resp:	241166
Ion	Ratio	Lower	Upper
127	100		
129	32.3	23.6	35.4
65	30.8	37.7	56.5#
92	19.0	17.6	26.4

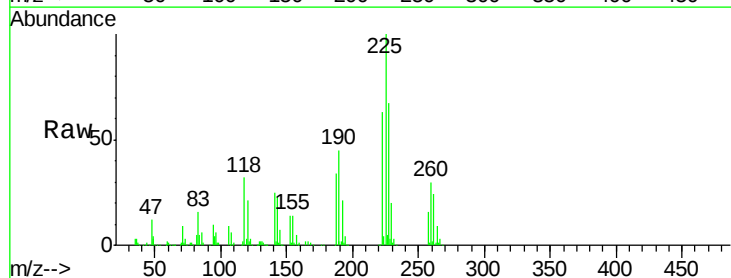


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

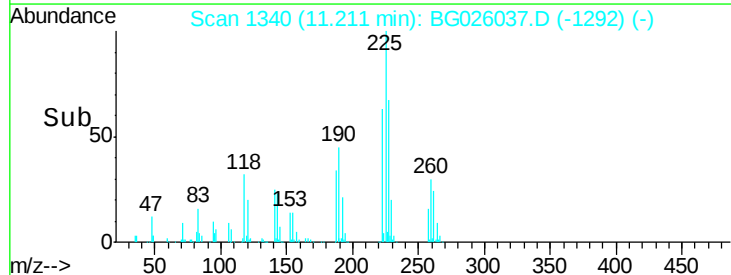
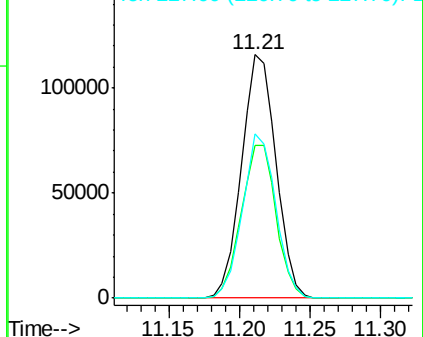


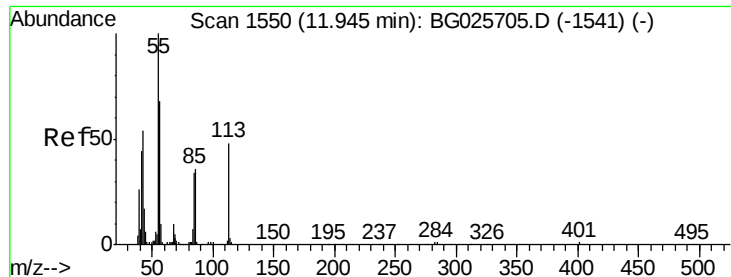
#34
Hexachlorobutadiene
Concen: 44.36 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:	225	Resp:	198000
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	67.3	49.0	73.6



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: 28.46 ng

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

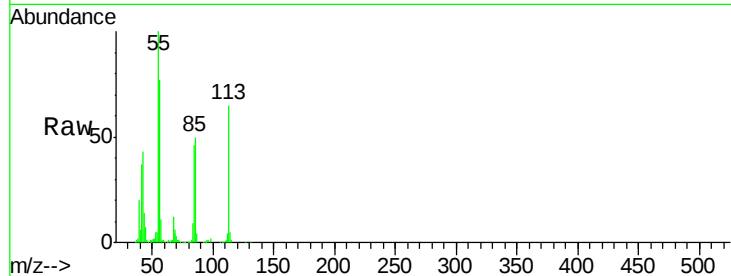
Tgt Ion:113 Resp: 82902

Ion Ratio Lower Upper

113 100

55 153.4 198.6 238.6#

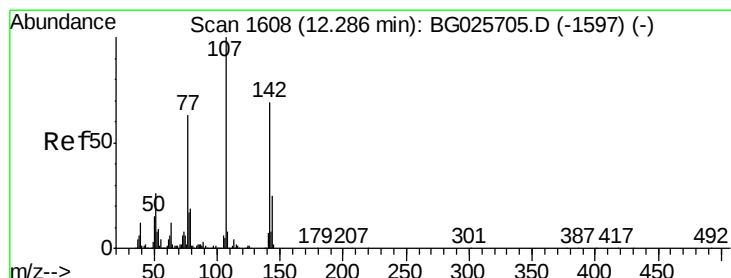
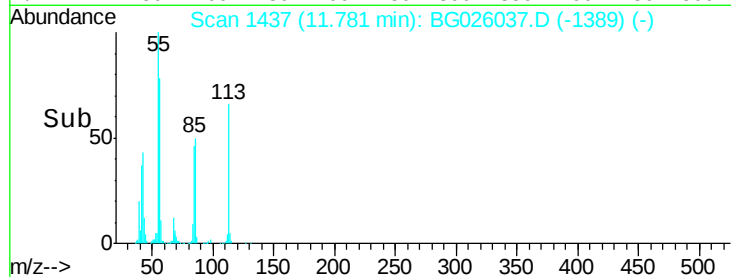
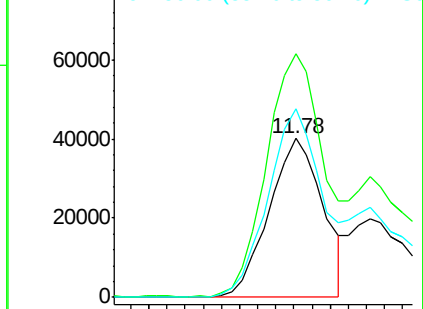
56 118.4 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.11 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

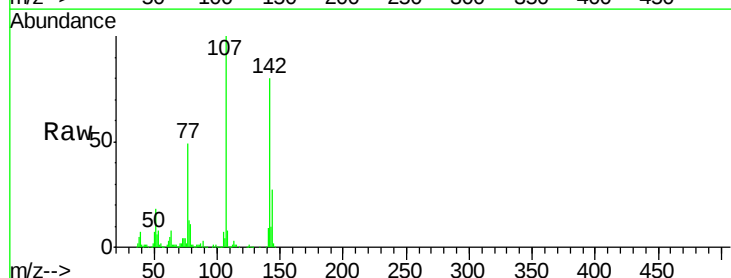
Tgt Ion:107 Resp: 389280

Ion Ratio Lower Upper

107 100

144 27.3 17.4 26.0#

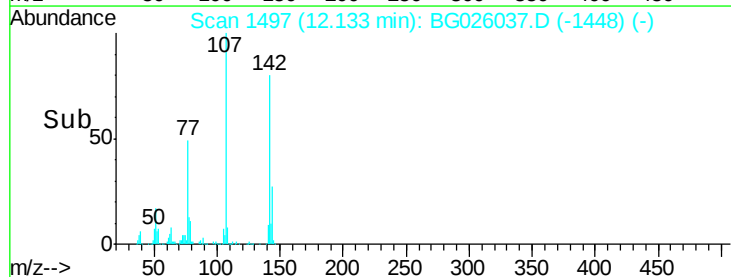
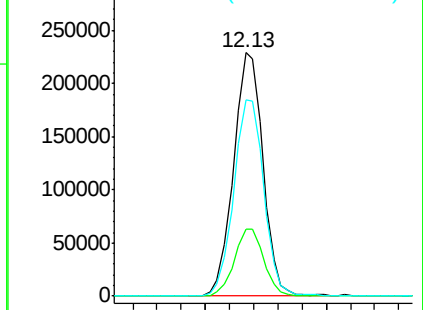
142 80.4 54.1 81.1

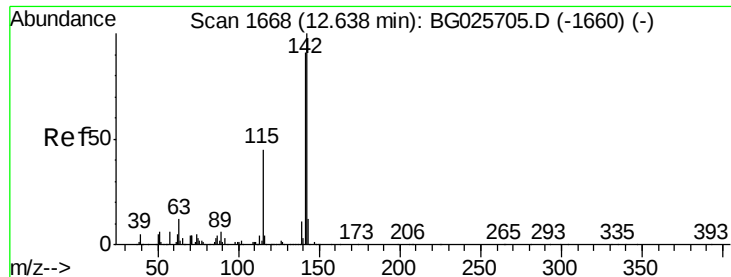


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

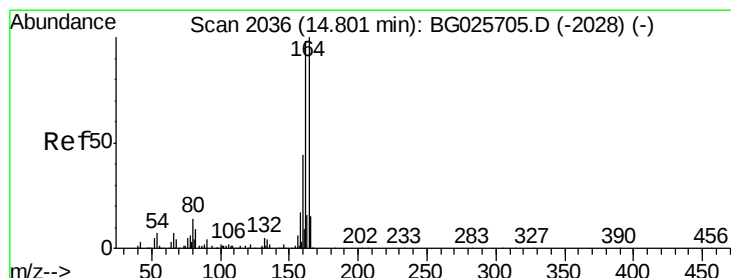
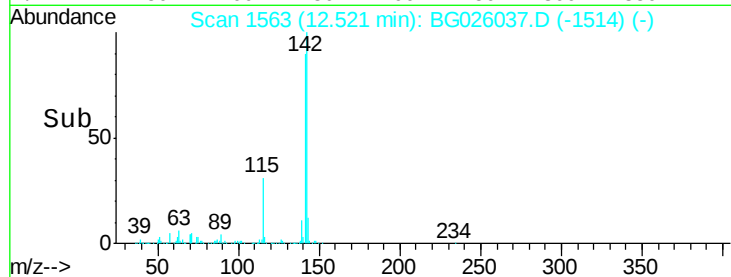
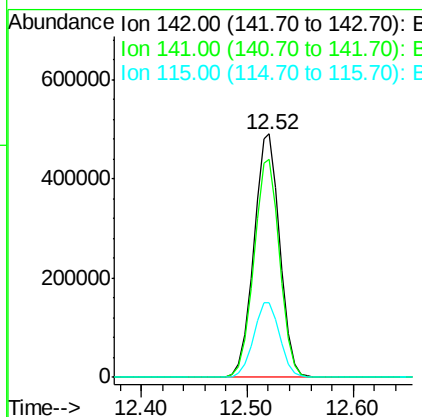
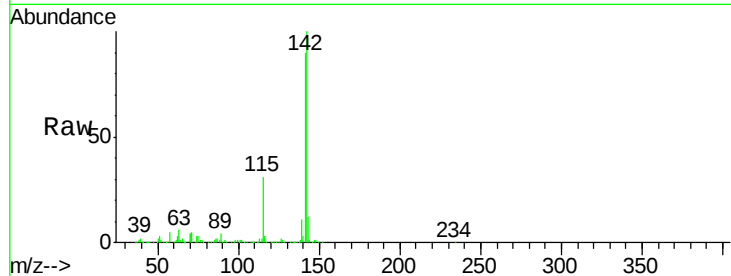




#37
2-Methylnaphthalene
Concen: 42.08 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

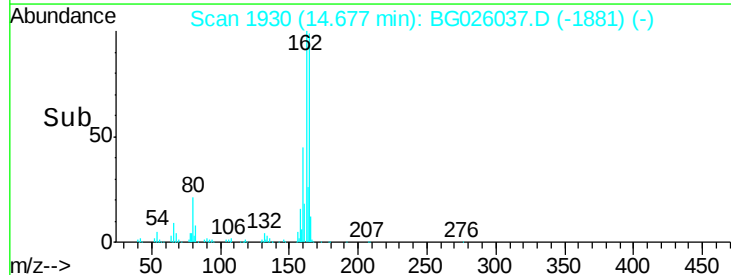
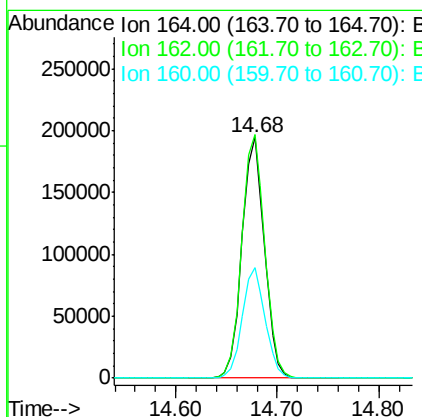
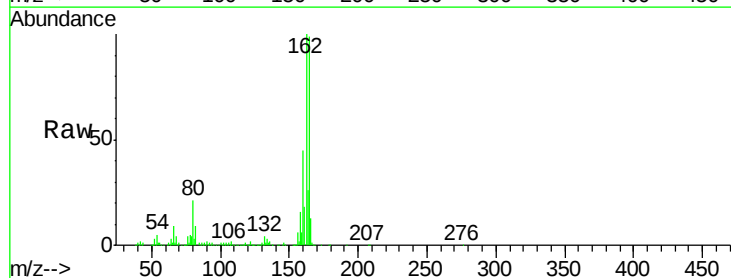
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

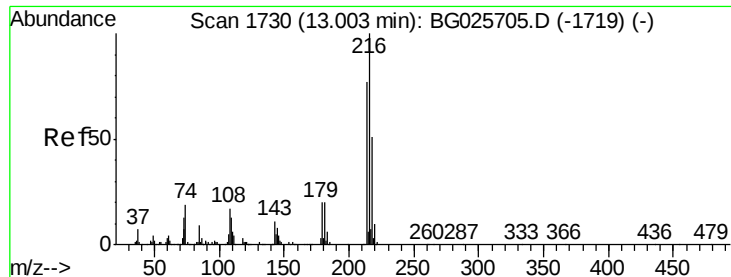
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	30.8	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	45.7	34.7	52.1

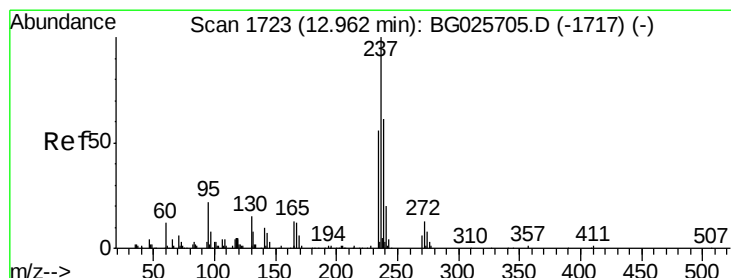
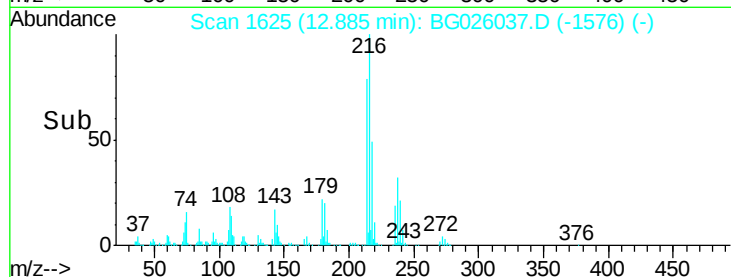
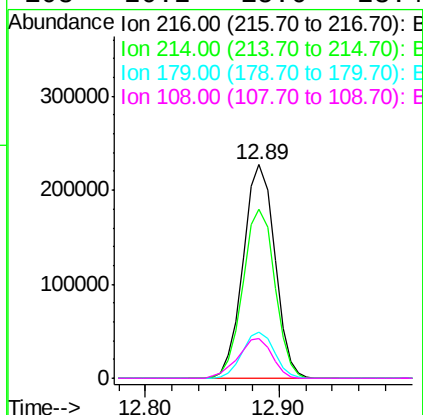
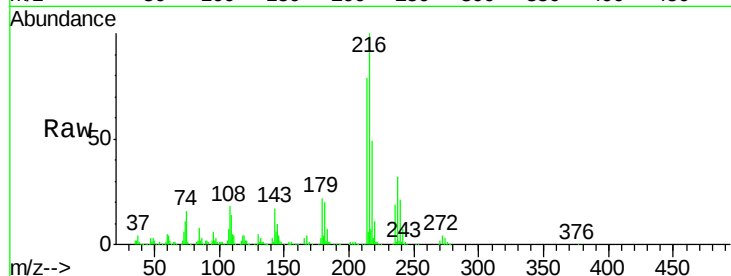




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.92 ng
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

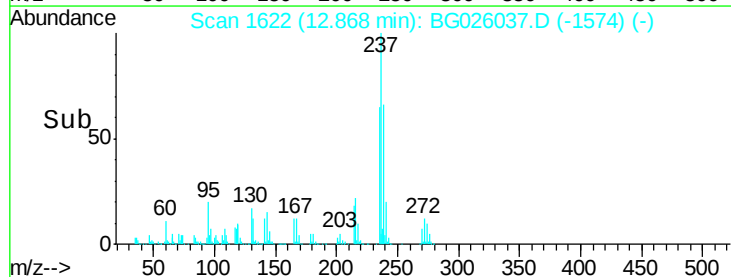
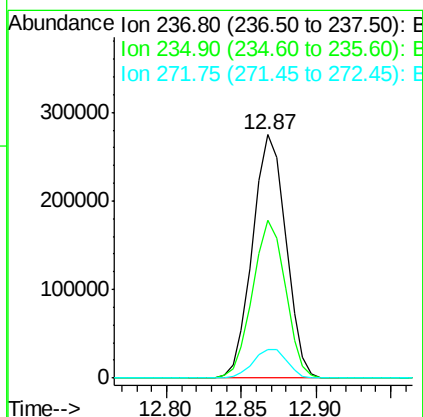
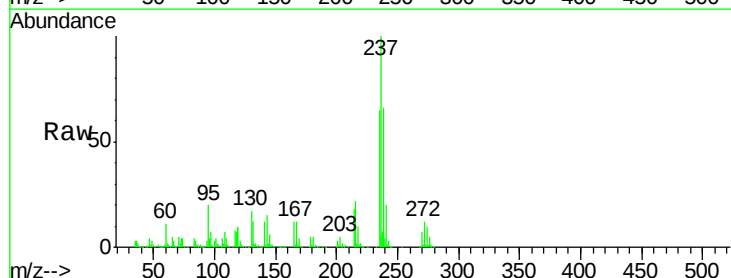
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

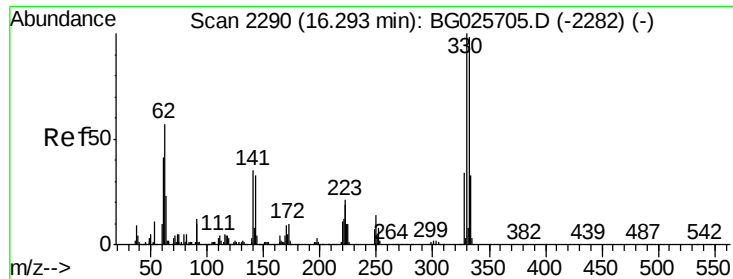
Tgt Ion:	216	Resp:	372214
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	21.6	17.4	26.0
108	20.2	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 104.11 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:	237	Resp:	424758
Ion	Ratio	Lower	Upper
237	100		
235	64.6	39.4	79.4
272	11.8	0.0	32.0

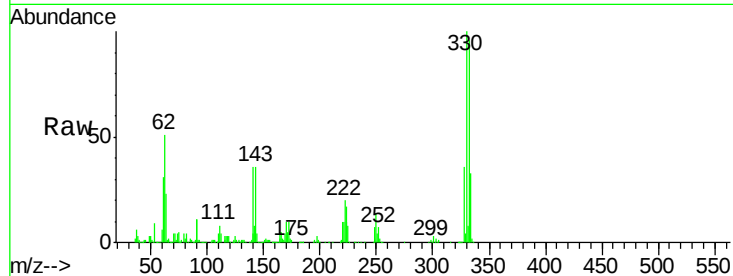




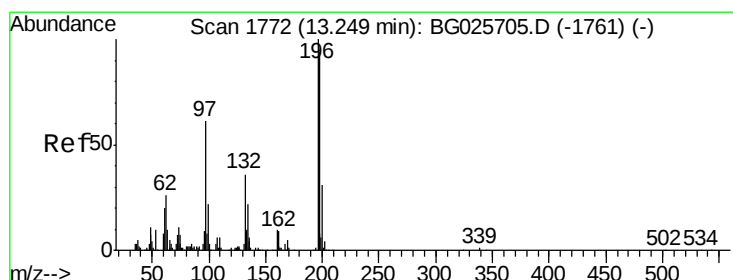
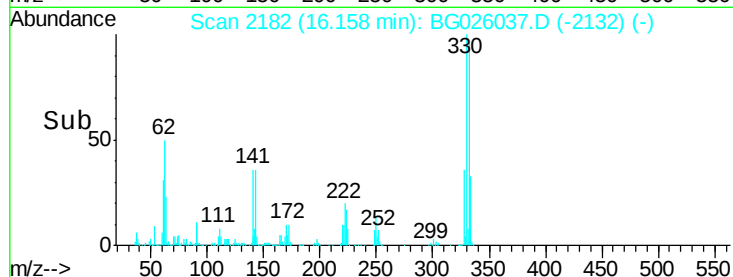
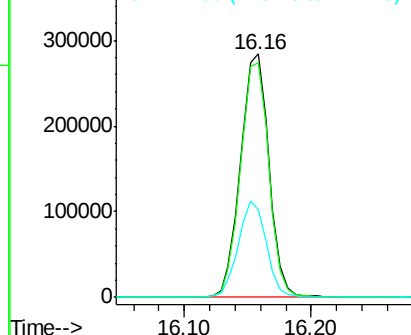
#41
 2,4,6-Tribromophenol
 Concen: 160.56 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion:330 Resp: 441271
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 38.9 32.1 48.1

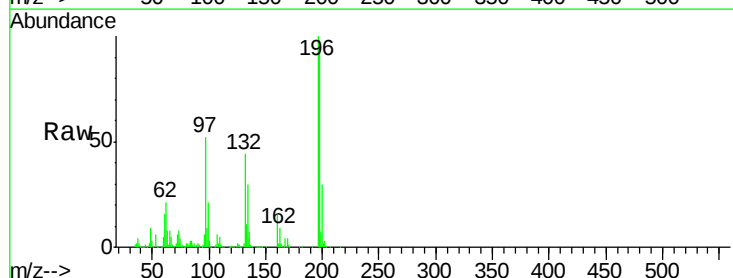


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

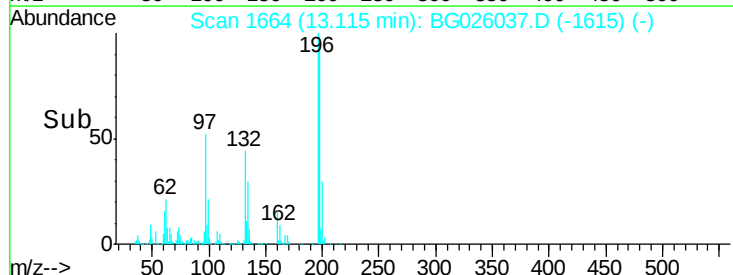
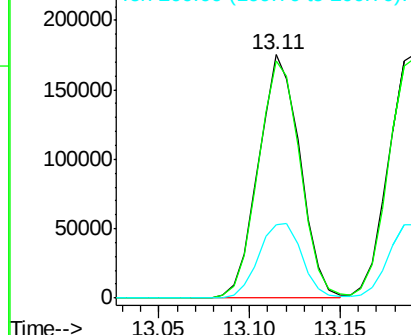


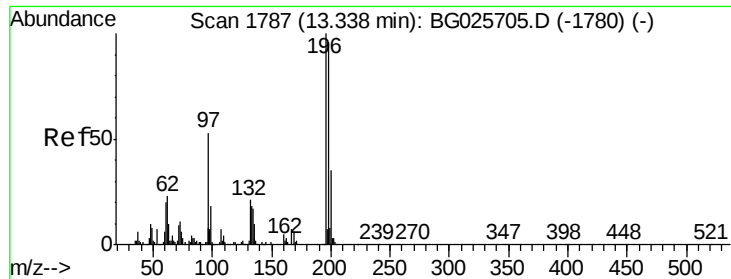
#42
 2,4,6-Trichlorophenol
 Concen: 57.81 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:196 Resp: 278376
 Ion Ratio Lower Upper
 196 100
 198 97.7 81.4 122.2
 200 30.3 27.0 40.6



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

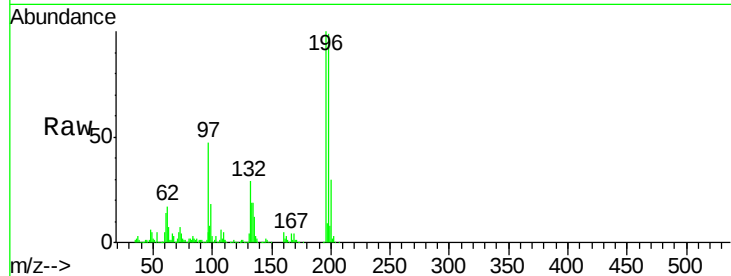




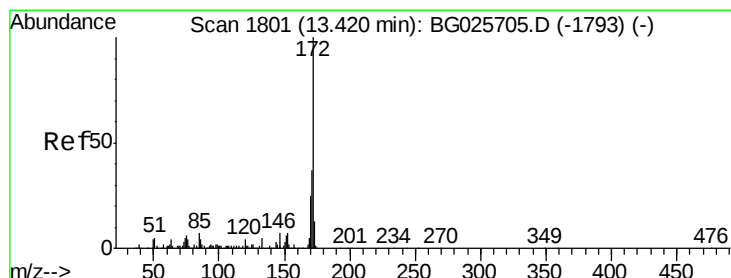
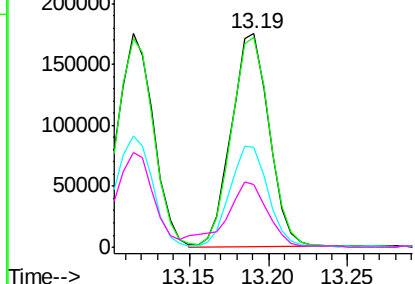
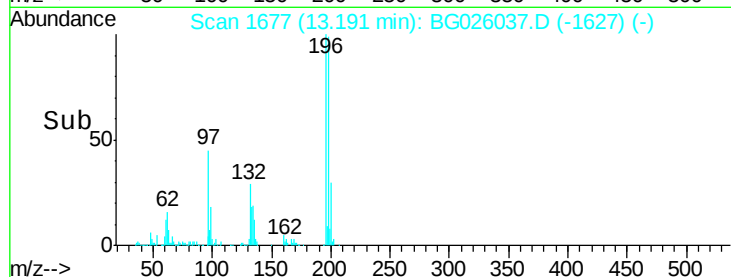
#43
 2,4,5-Trichlorophenol
 Concen: 52.77 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion:	196	Resp:	288481
Ion	Ratio	Lower	Upper
196	100		
198	98.5	79.9	119.9
97	46.6	45.4	68.0
132	29.4	20.7	31.1

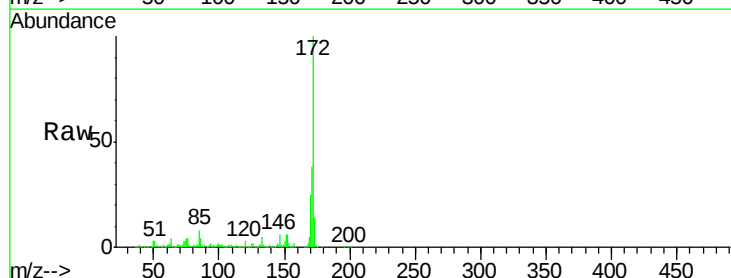


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

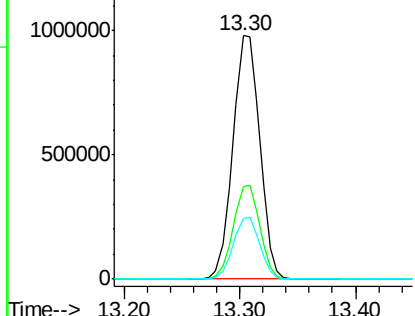
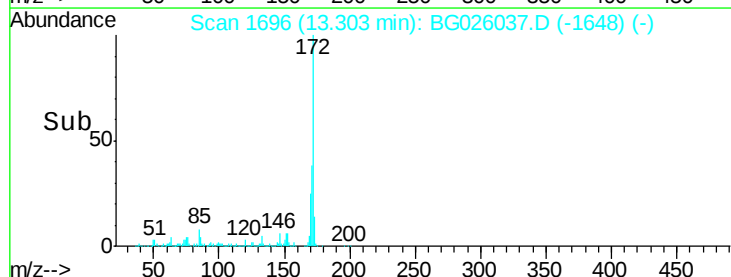


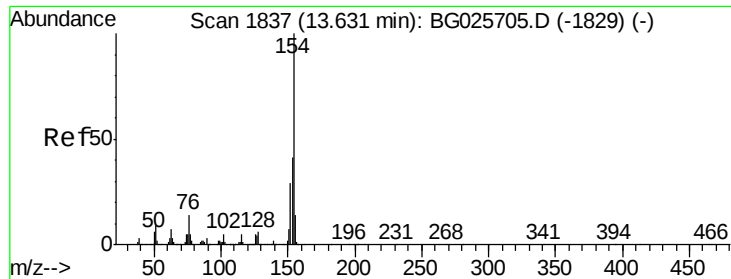
#44
 2-Fluorobiphenyl
 Concen: 92.62 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:	172	Resp:	1576765
Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.8	21.8	32.6



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

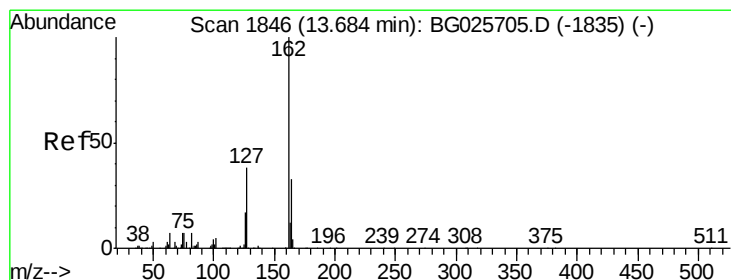
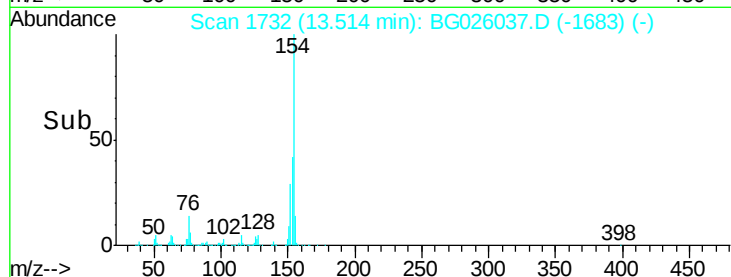
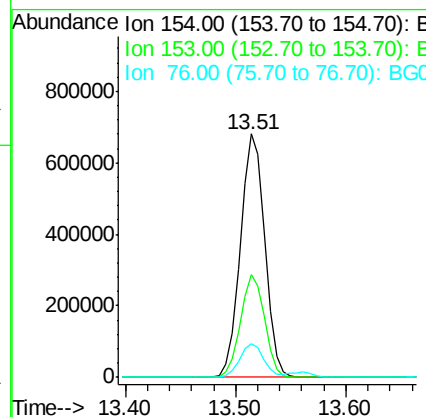
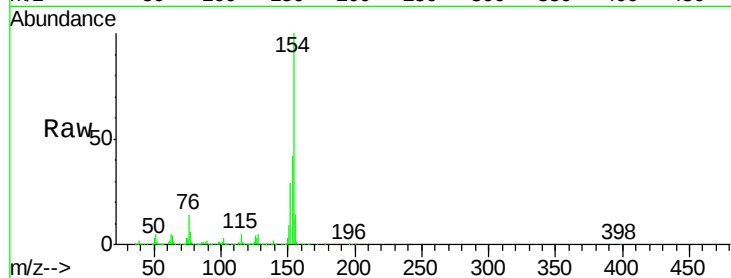




#45
 1,1'-Biphenyl
 Concen: 49.02 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

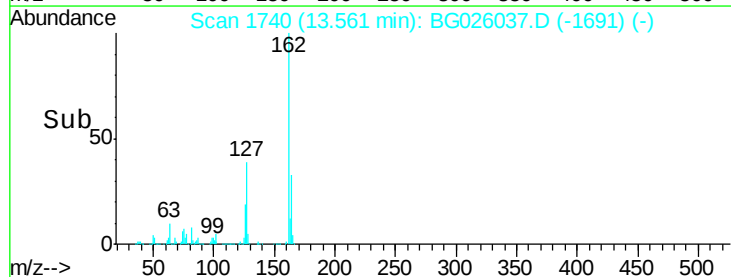
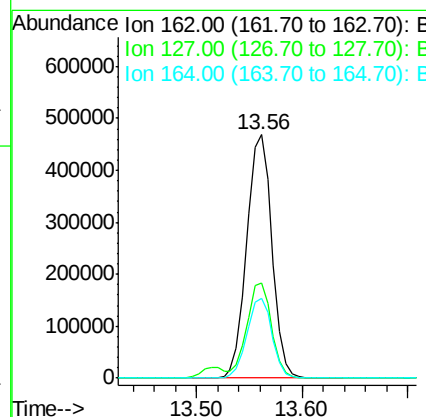
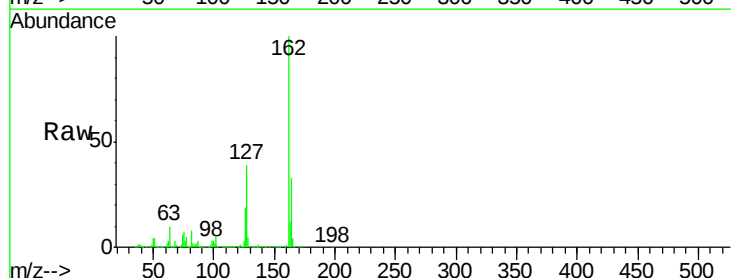
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

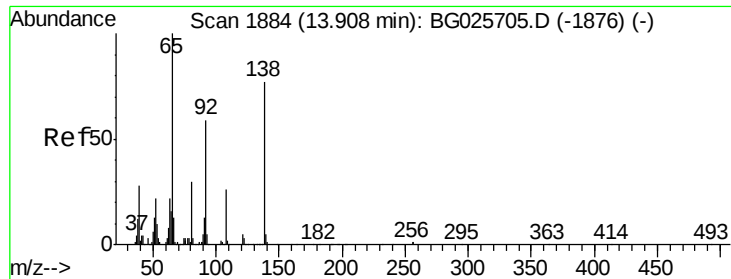
Tgt Ion:154 Resp: 1056667
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.0 63.0
 76 13.6 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 49.74 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:162 Resp: 775126
 Ion Ratio Lower Upper
 162 100
 127 39.2 32.2 48.4
 164 32.7 27.3 40.9

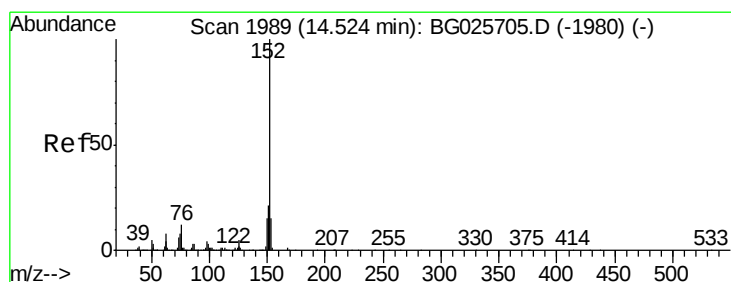
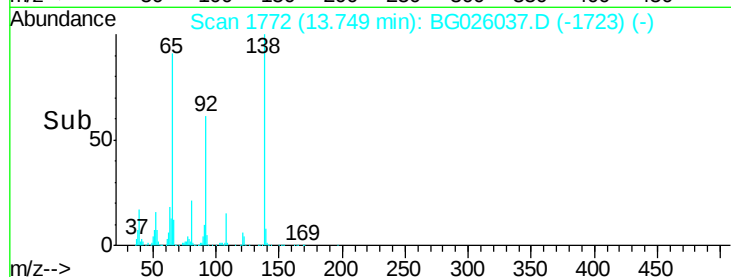
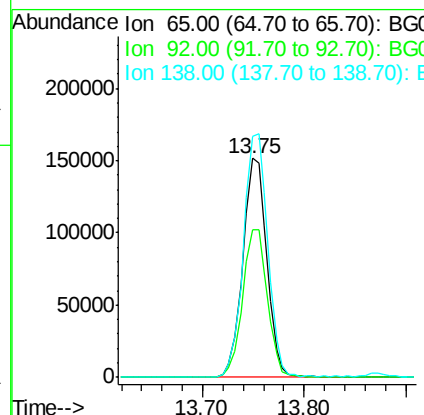
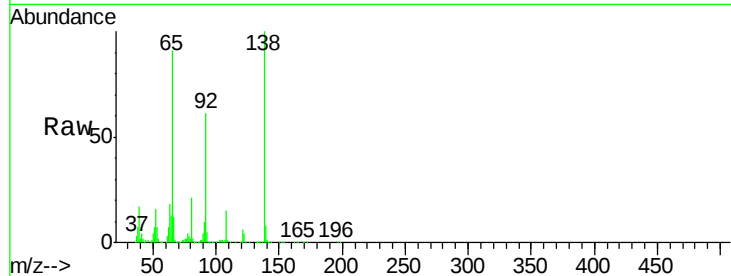




#47
2-Nitroaniline
Concen: 50.62 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

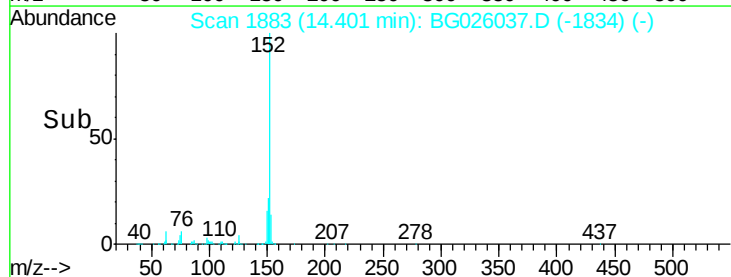
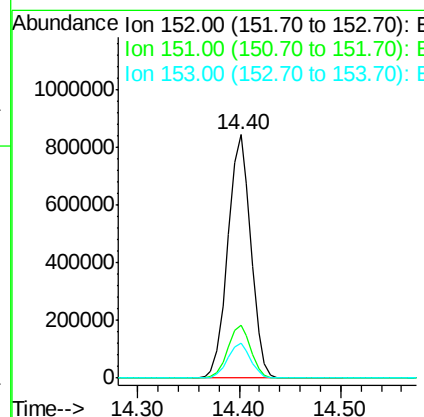
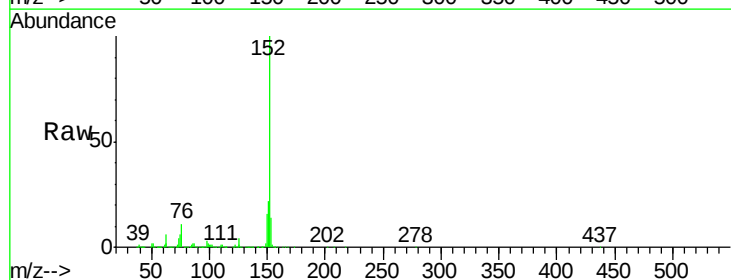
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

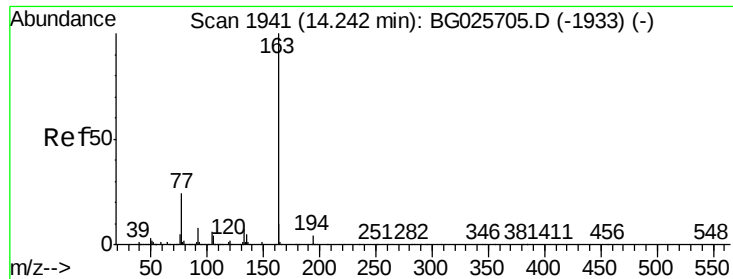
Tgt Ion: 65 Resp: 250210
Ion Ratio Lower Upper
65 100
92 67.7 49.0 73.4
138 110.2 58.6 87.8#



#48
Acenaphthylene
Concen: 47.67 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion: 152 Resp: 1322698
Ion Ratio Lower Upper
152 100
151 21.8 18.2 27.2
153 14.1 11.3 16.9





#49

Dimethylphthalate

Concen: 69.11 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

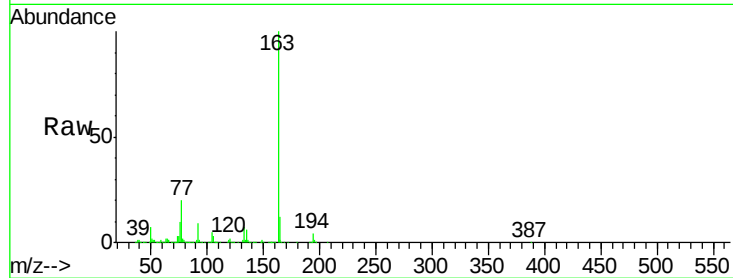
Tgt Ion:163 Resp: 1410420

Ion Ratio Lower Upper

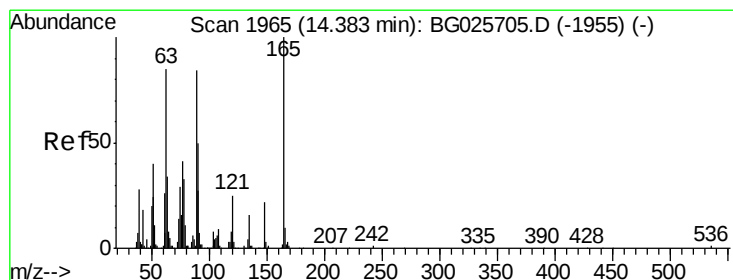
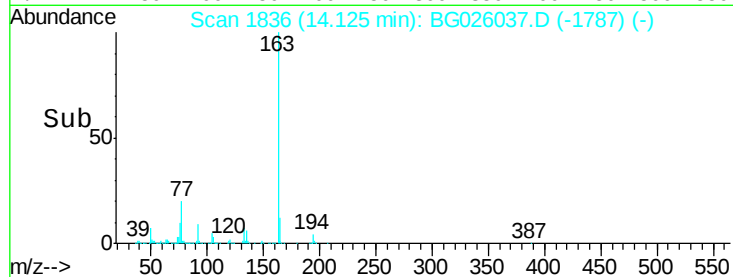
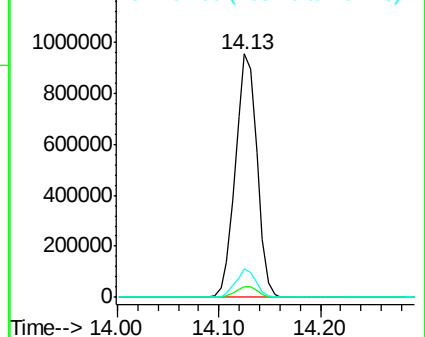
163 100

194 4.4 3.8 5.6

164 11.5 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 51.63 ng

RT: 14.24 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

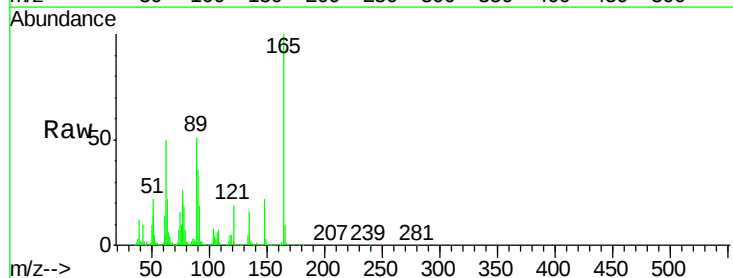
Tgt Ion:165 Resp: 236685

Ion Ratio Lower Upper

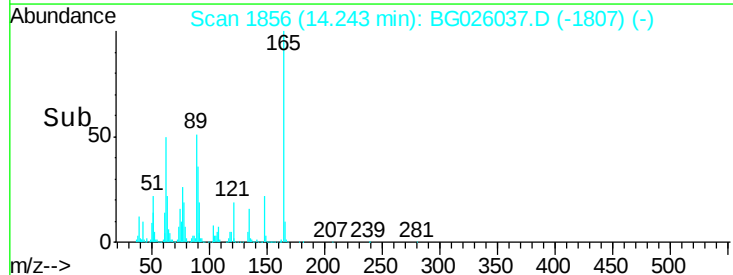
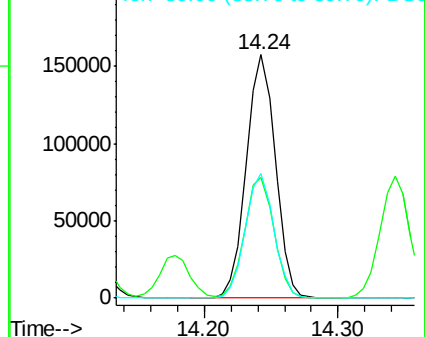
165 100

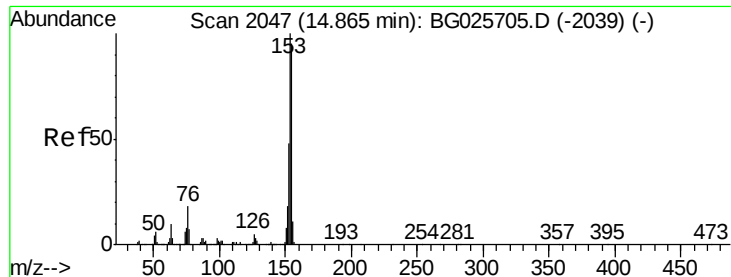
63 49.6 63.9 95.9#

89 51.0 58.6 88.0#



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: 50.38 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

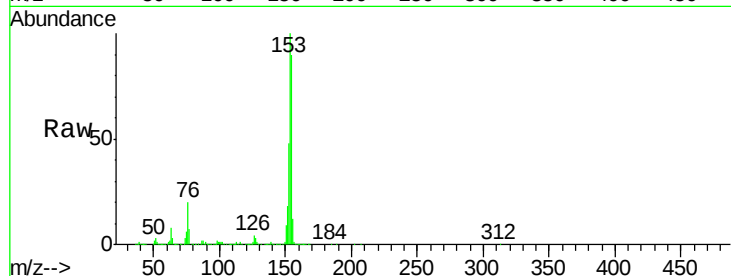
Tgt Ion:154 Resp: 923283

Ion Ratio Lower Upper

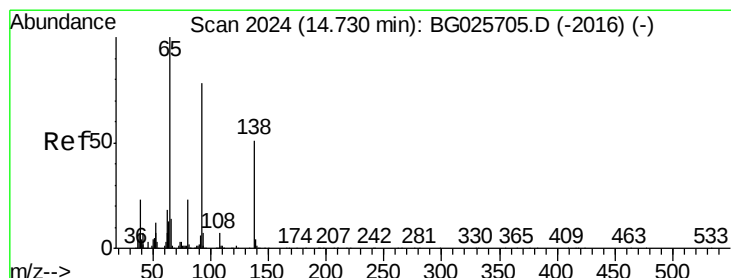
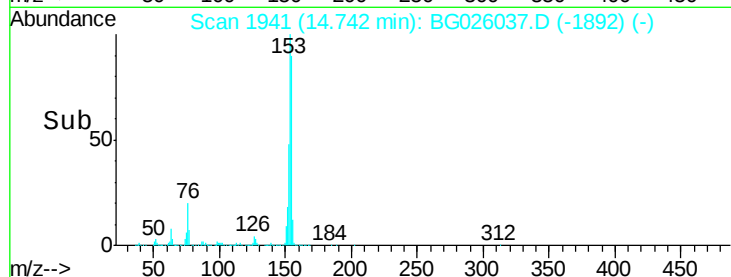
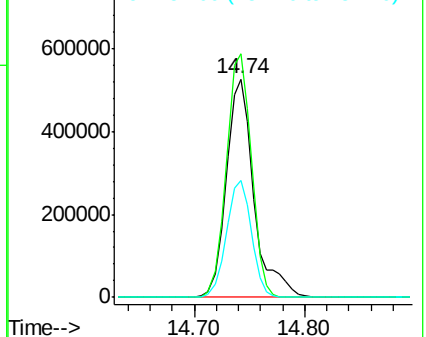
154 100

153 111.6 87.8 131.6

152 53.9 42.2 63.4



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: 35.22 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

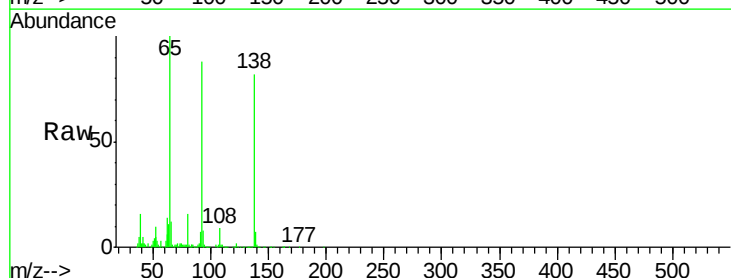
Tgt Ion:138 Resp: 180581

Ion Ratio Lower Upper

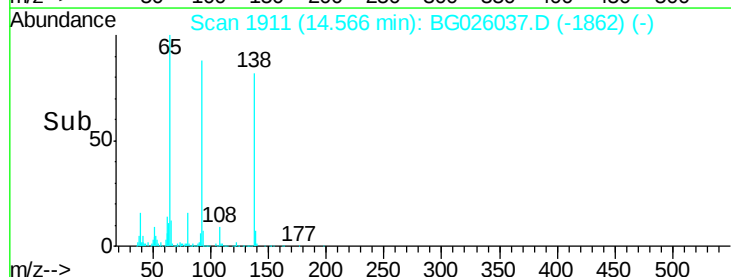
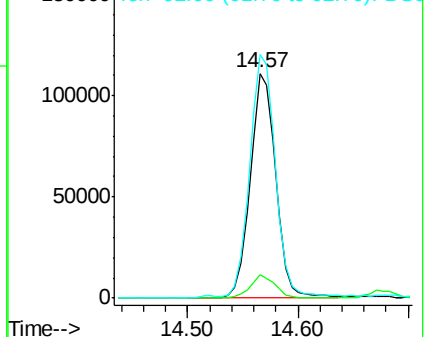
138 100

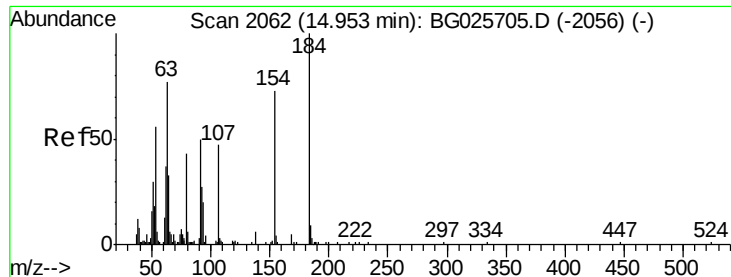
108 10.6 10.9 16.3#

92 108.2 115.3 172.9#



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): BG

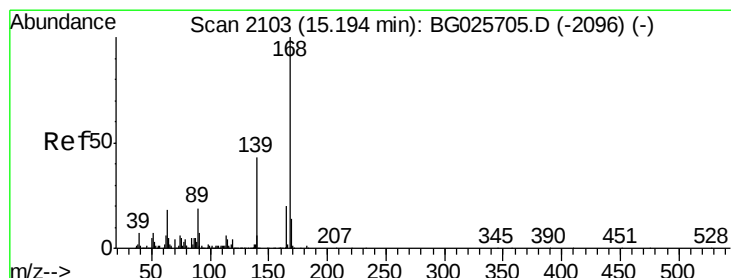
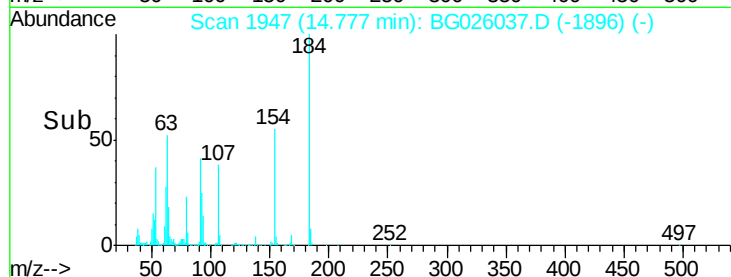
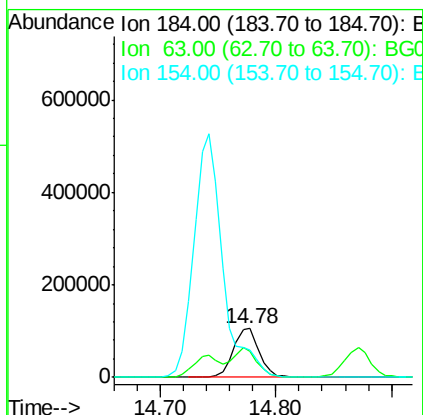
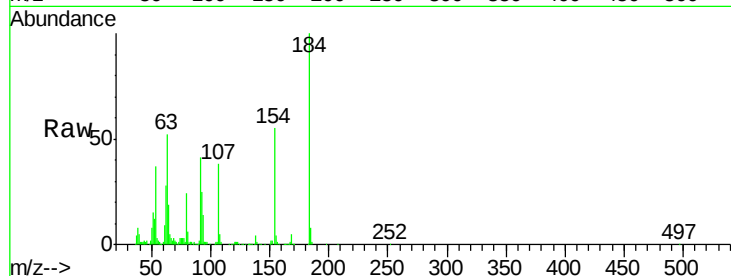




#53
2,4-Dinitrophenol
Concen: 69.25 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

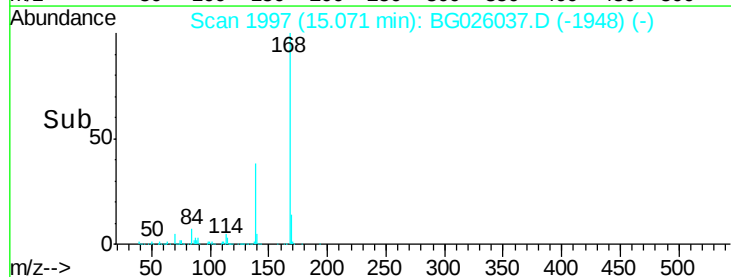
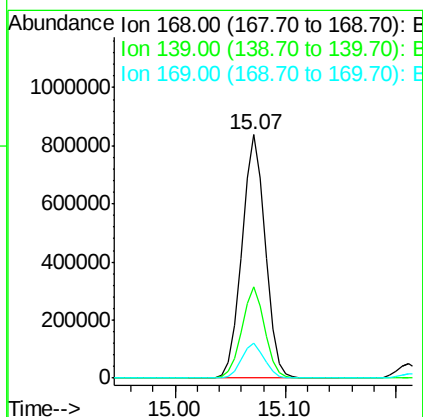
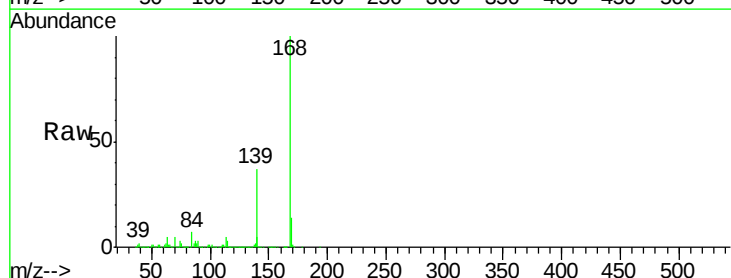
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

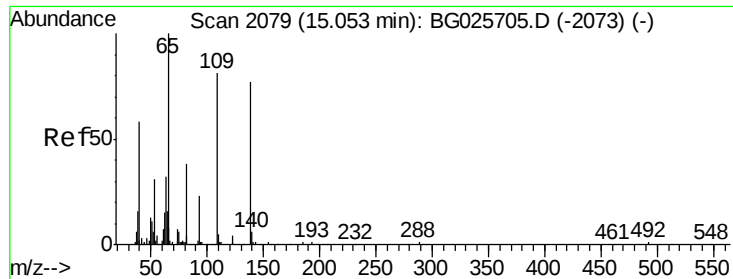
Tgt Ion:184 Resp: 166127
Ion Ratio Lower Upper
184 100
63 52.5 52.7 79.1#
154 55.0 57.3 85.9#



#54
Dibenzofuran
Concen: 51.17 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:168 Resp: 1250044
Ion Ratio Lower Upper
168 100
139 37.4 35.3 52.9
169 14.2 11.5 17.3





#55

4-Nitrophenol

Concen: 96.03 ng

RT: 14.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

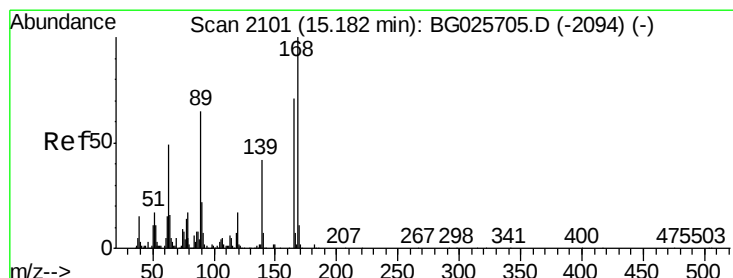
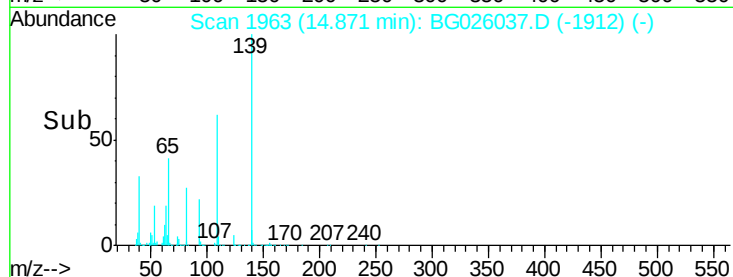
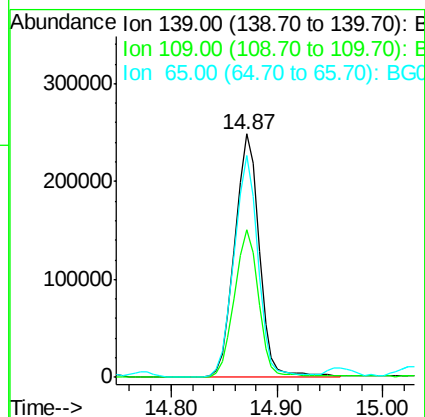
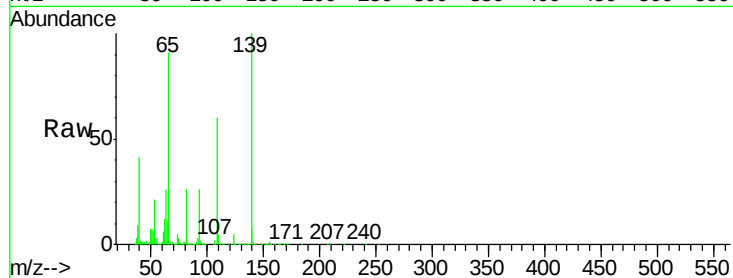
Tgt Ion:139 Resp: 400729

Ion Ratio Lower Upper

139 100

109 60.4 101.2 141.2#

65 91.3 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 53.35 ng

RT: 15.02 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:165 Resp: 329014

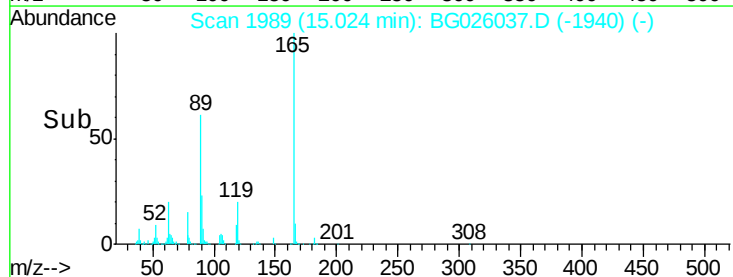
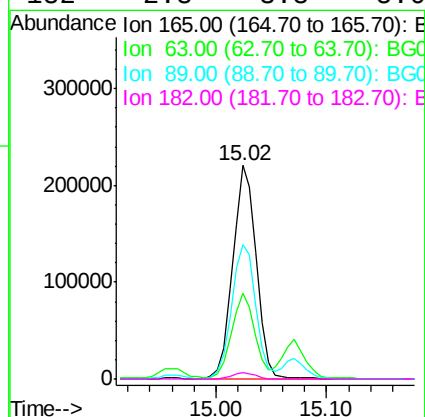
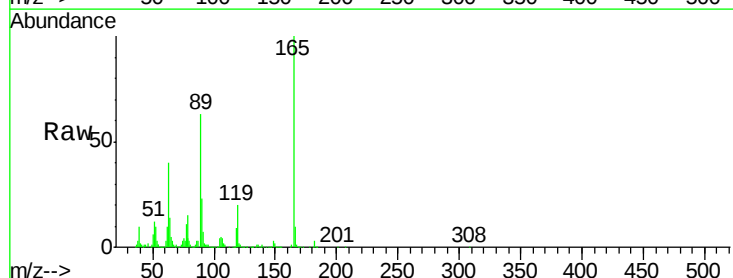
Ion Ratio Lower Upper

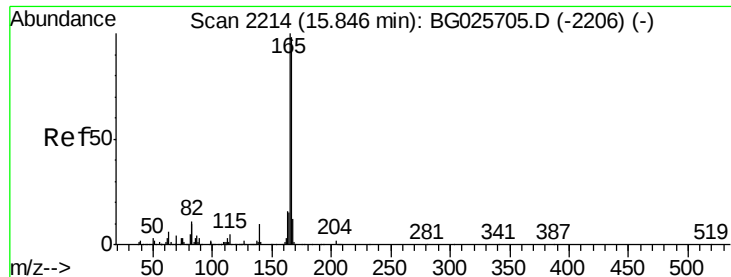
165 100

63 40.3 44.0 66.0#

89 63.0 67.3 100.9#

182 2.8 3.8 5.6#





#57

Fluorene

Concen: 47.30 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

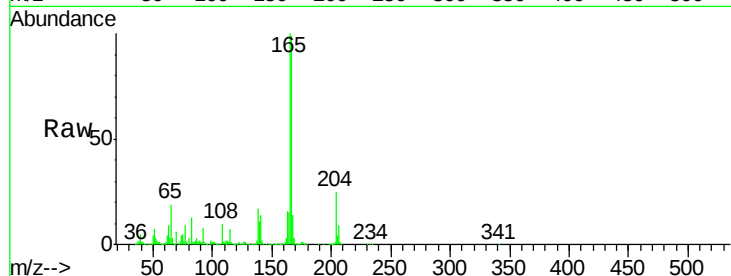
Tgt Ion:166 Resp: 1032594

Ion Ratio Lower Upper

166 100

165 100.8 78.6 117.8

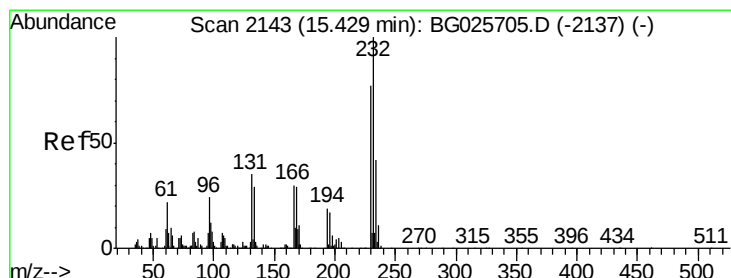
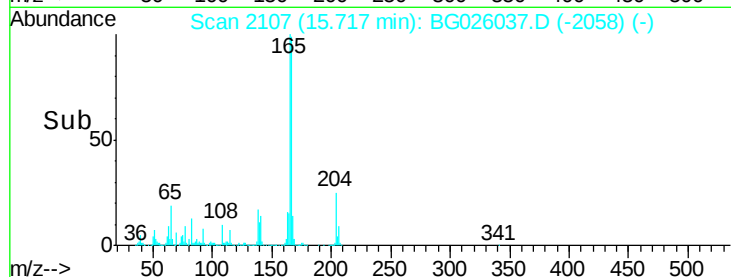
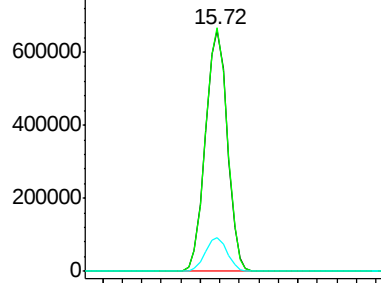
167 14.1 11.6 17.4



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: 56.74 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:232 Resp: 273623

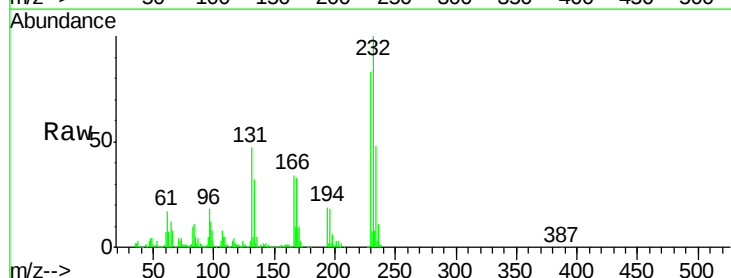
Ion Ratio Lower Upper

232 100

131 45.7 34.9 52.3

130 2.8 2.3 3.5

166 33.1 24.2 36.4

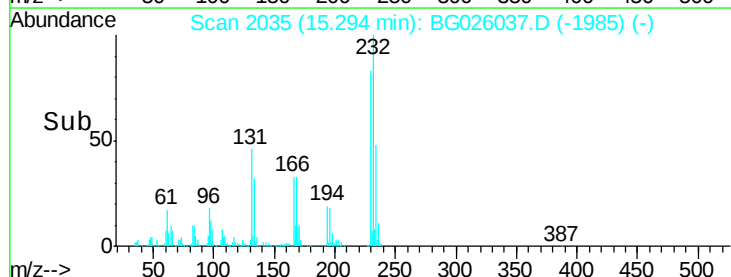
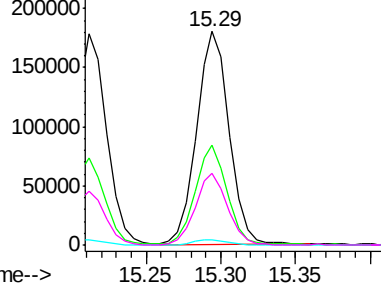


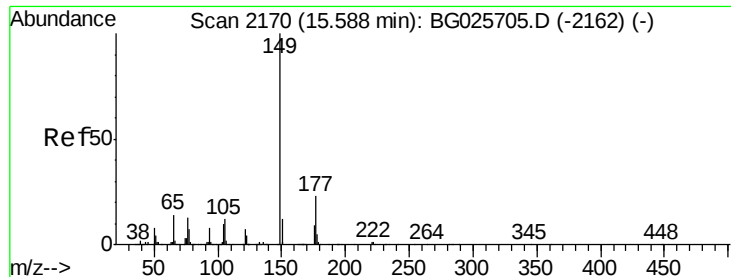
Abundance Ion 232.00 (231.70 to 232.70): E

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

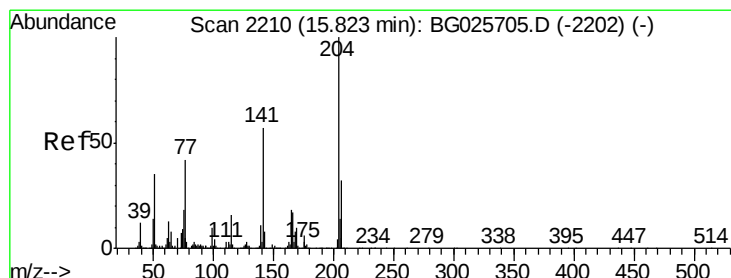
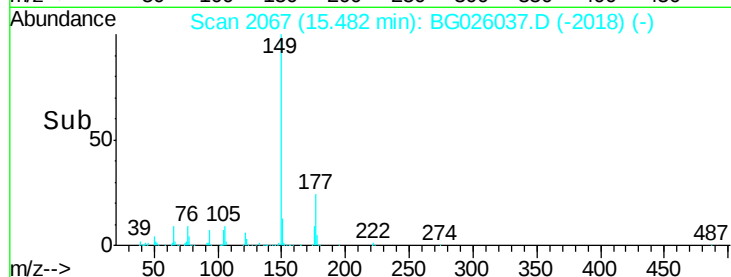
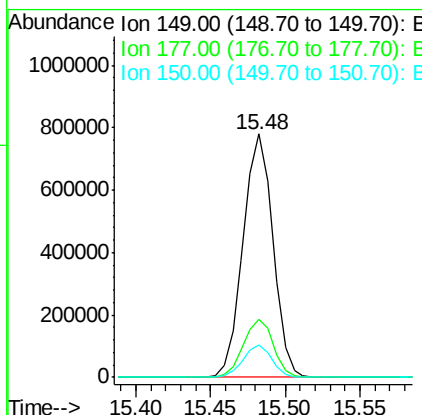
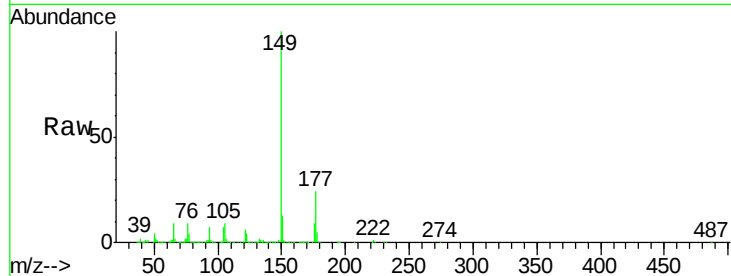




#59
Diethylphthalate
Concen: 51.23 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

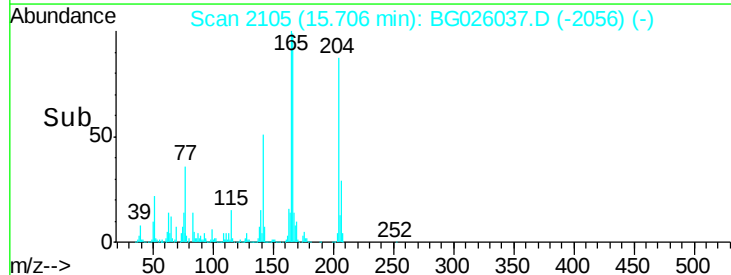
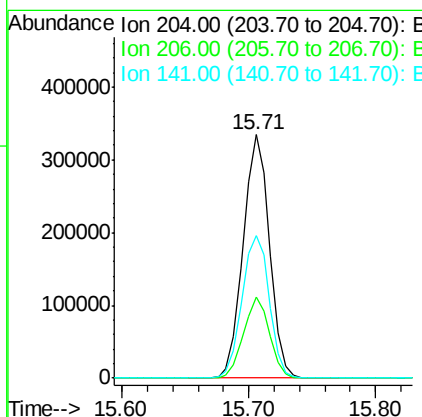
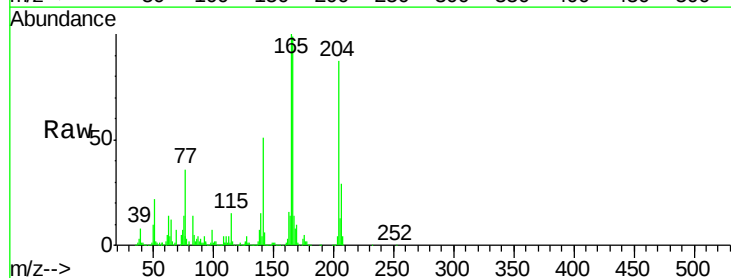
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

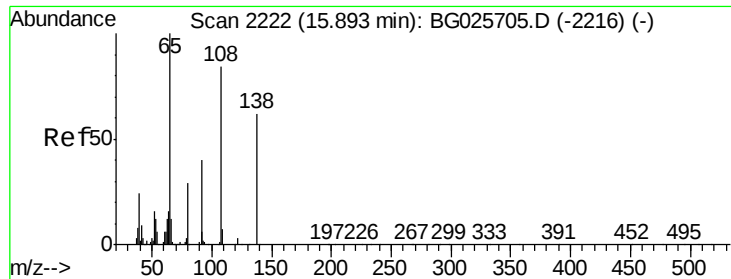
Tgt Ion:149 Resp: 1081388
Ion Ratio Lower Upper
149 100
177 24.0 20.1 30.1
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.51 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:204 Resp: 480588
Ion Ratio Lower Upper
204 100
206 33.2 30.1 45.1
141 58.3 50.6 76.0

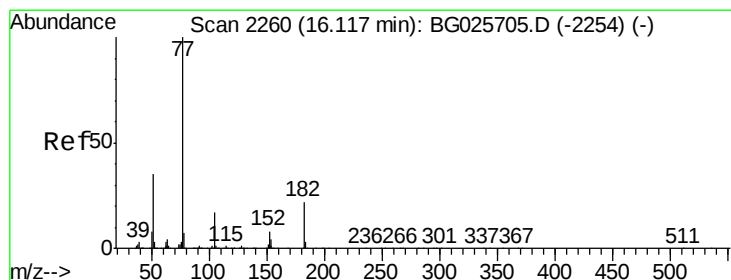
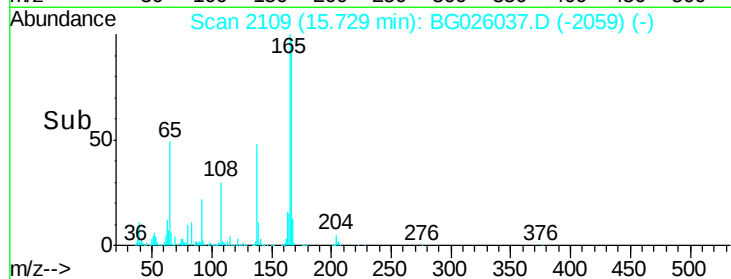
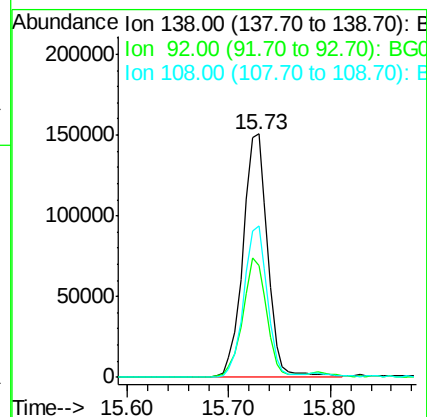
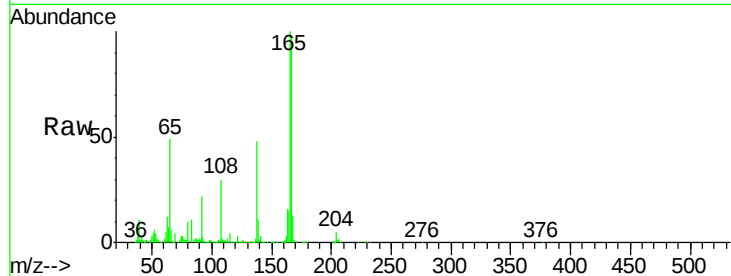




#61
4-Nitroaniline
Concen: 48.11 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

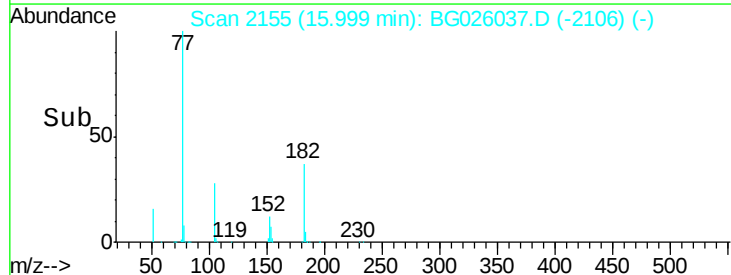
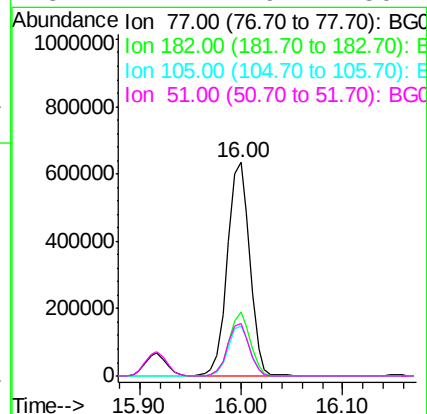
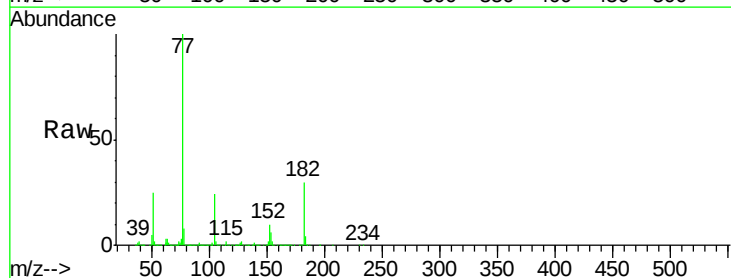
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

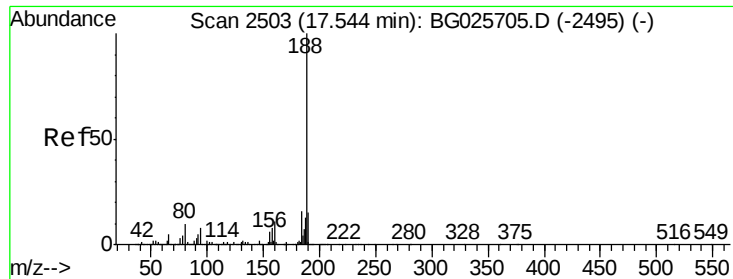
Tgt Ion: 138 Resp: 255719
Ion Ratio Lower Upper
138 100
92 45.9 44.2 84.2
108 62.1 104.8 144.8#



#62
Azobenzene
Concen: 53.14 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion: 77 Resp: 964246
Ion Ratio Lower Upper
77 100
182 30.1 4.7 44.7
105 23.5 0.0 36.3
51 24.7 16.4 56.4

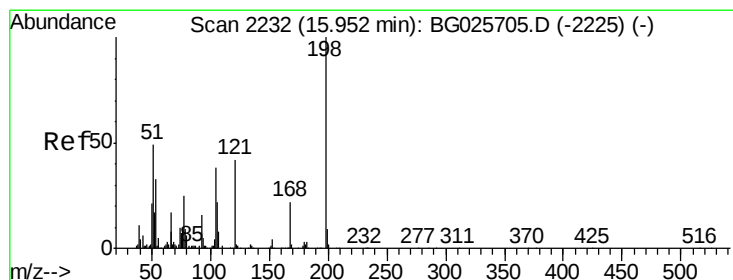
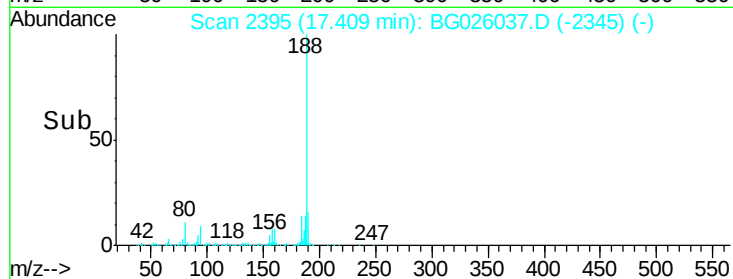
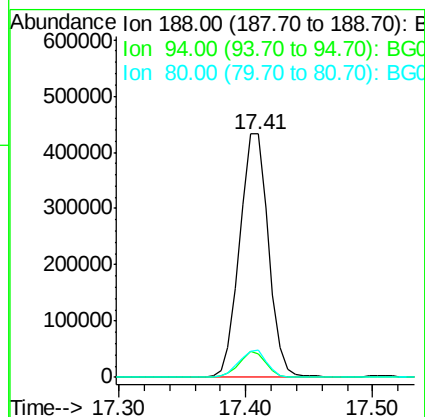
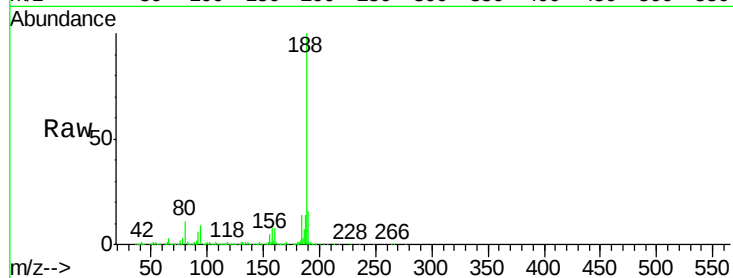




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

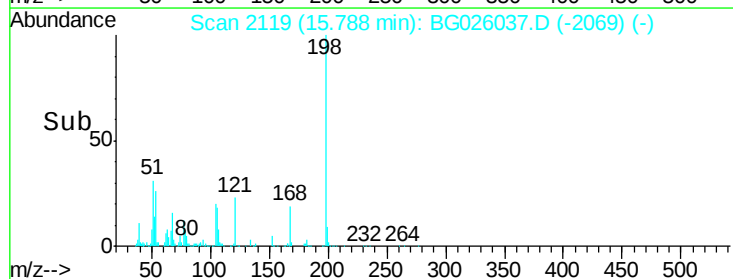
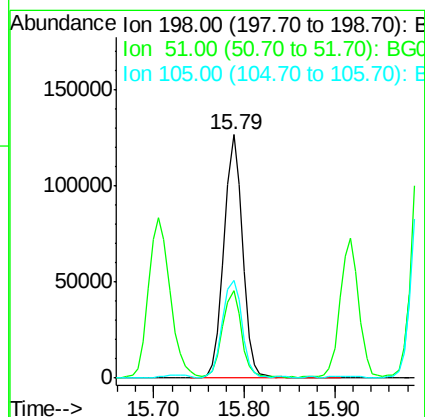
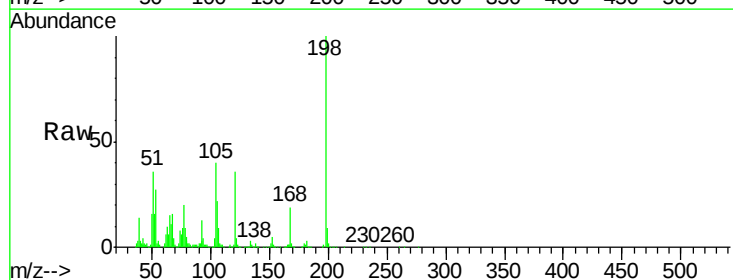
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

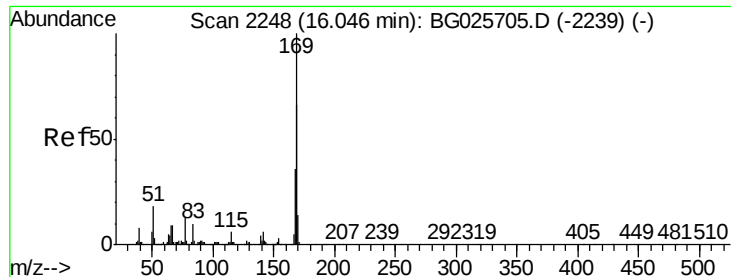
Tgt Ion:188 Resp: 681165
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 11.3 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 45.34 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:198 Resp: 180718
Ion Ratio Lower Upper
198 100
51 35.9 22.6 62.6
105 40.1 14.4 54.4

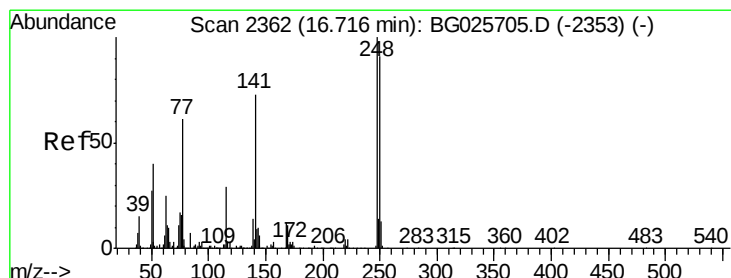
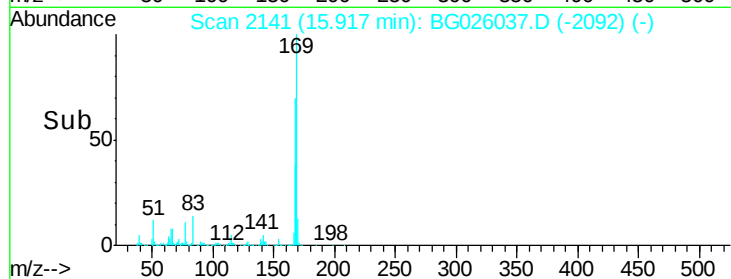
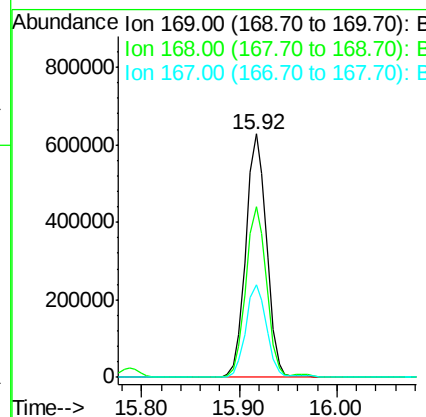
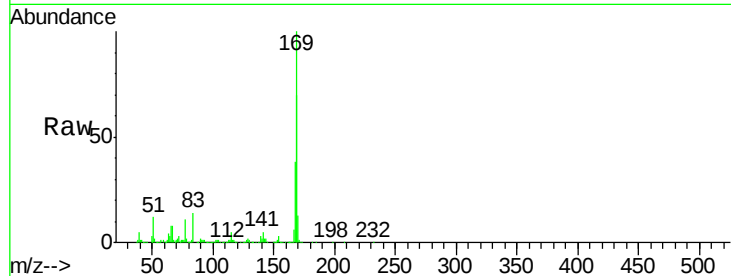




#65
n-Nitrosodiphenylamine
Concen: 44.94 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

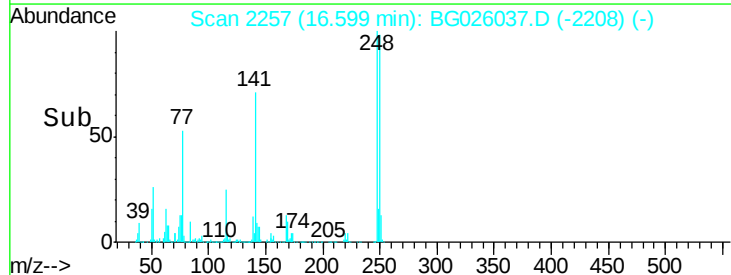
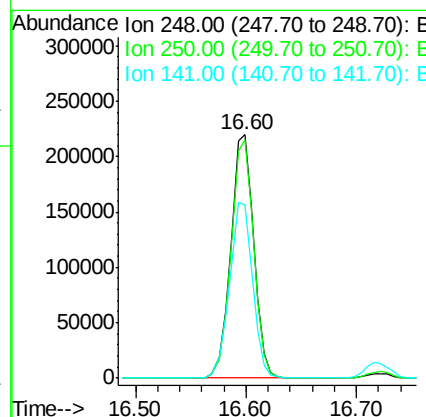
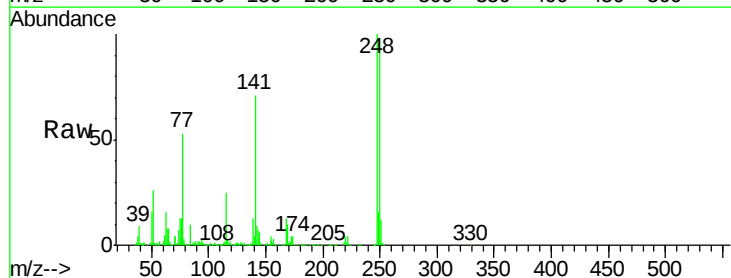
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

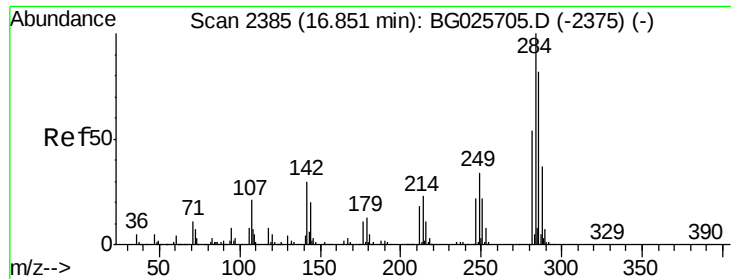
Tgt Ion	Resp	Lower	Upper
169	100		
168	69.9	55.7	83.5
167	38.2	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 44.86 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Resp	Lower	Upper
248	100		
250	97.9	75.0	112.6
141	71.2	55.2	82.8

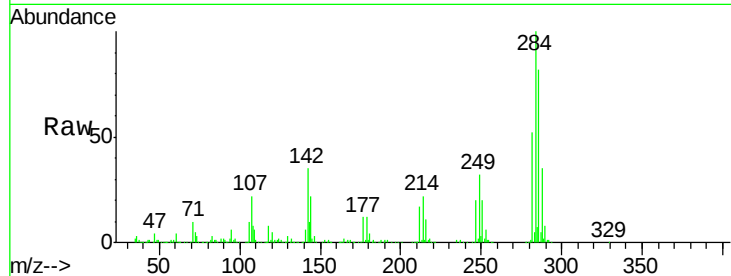




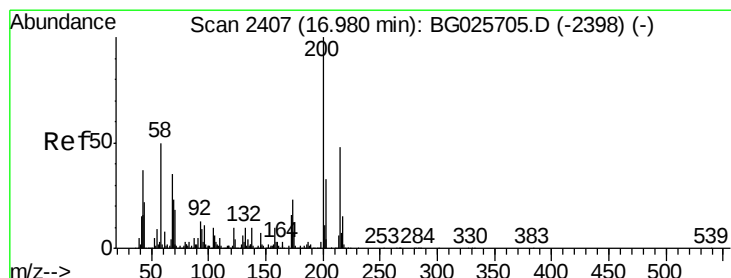
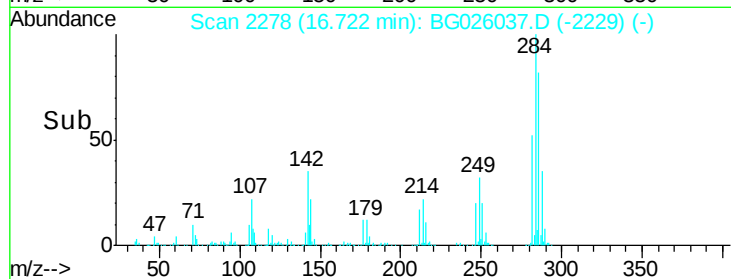
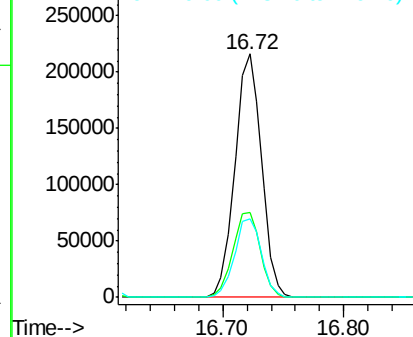
#67
Hexachlorobenzene
Concen: 44.96 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.9	44.9
249	32.3	29.2	43.8

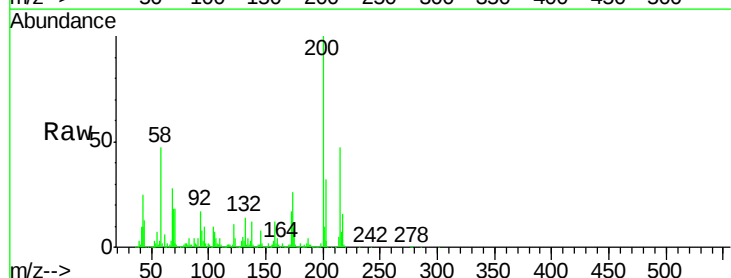


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

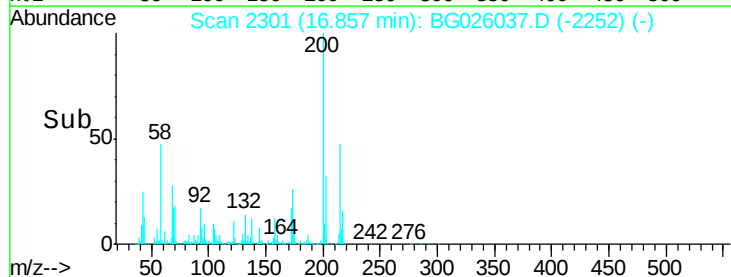
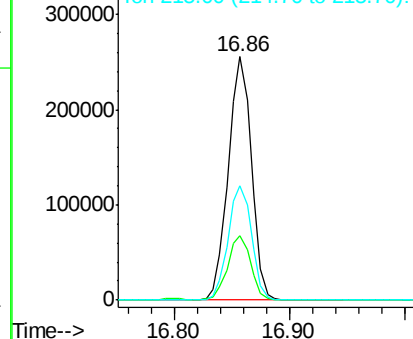


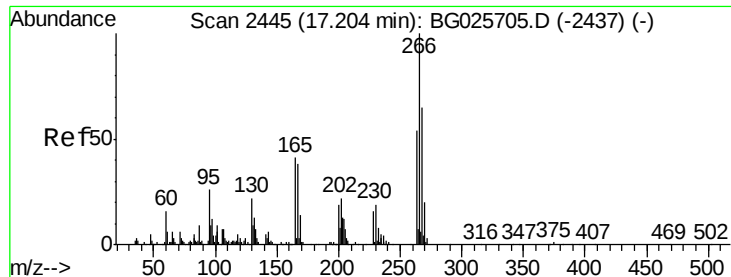
#68
Atrazine
Concen: 48.58 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	3.0	43.0
215	47.2	28.4	68.4



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

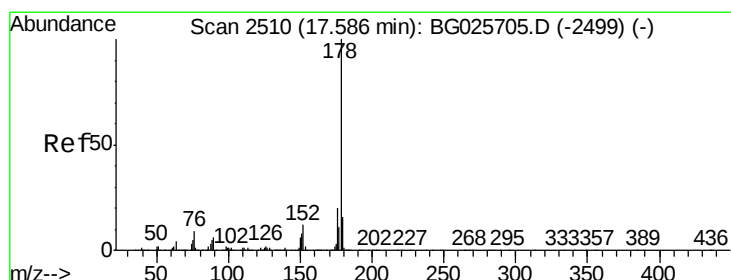
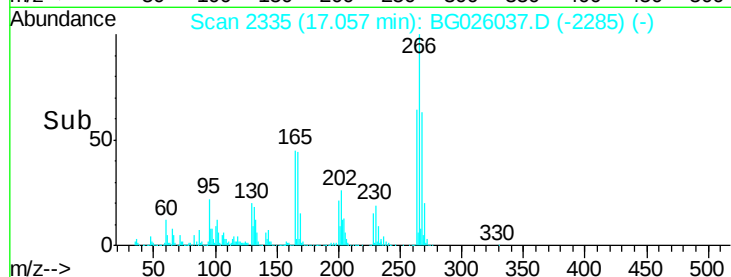
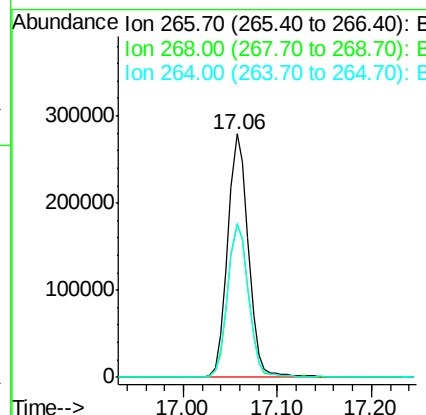
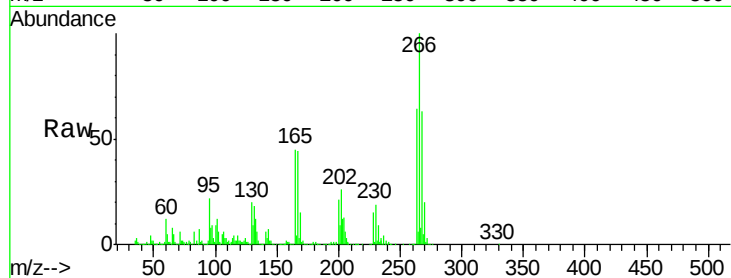




#69
 Pentachlorophenol
 Concen: 95.18 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

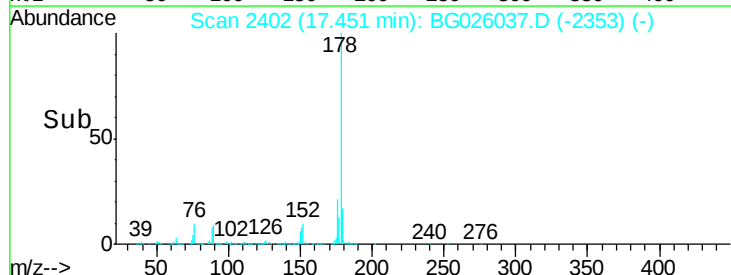
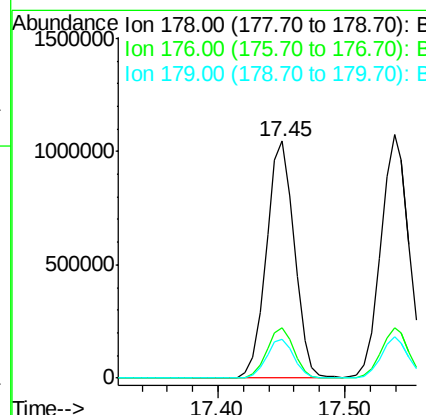
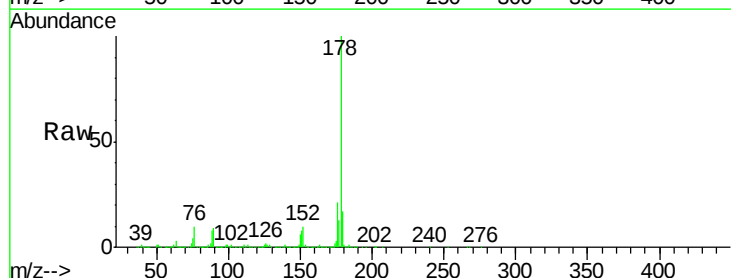
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

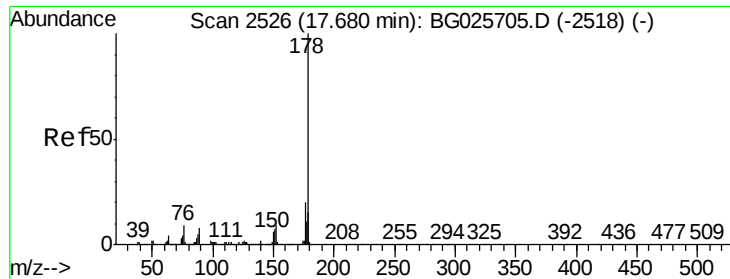
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	48.6	72.8
264	63.5	50.1	75.1



#70
 Phenanthrene
 Concen: 43.33 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	16.6	15.0	22.6

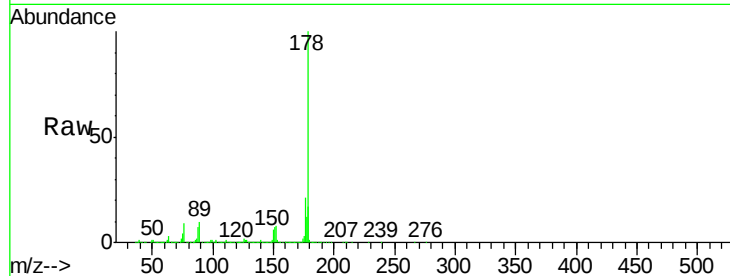




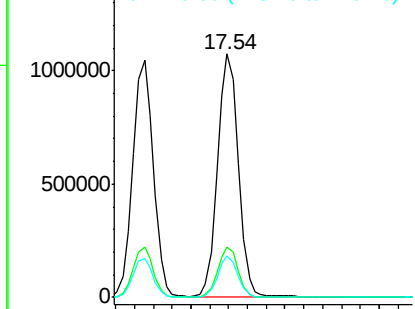
#71
 Anthracene
 Concen: 43.84 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

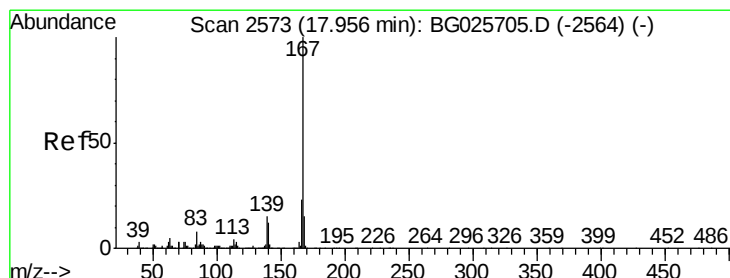
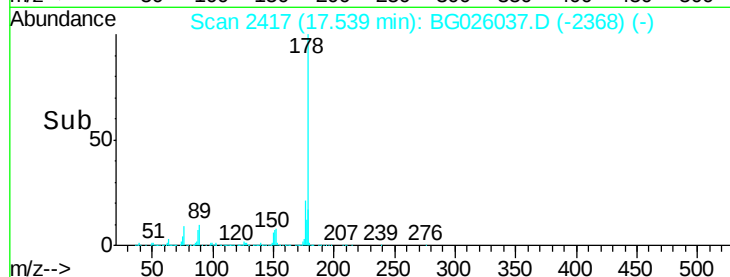
Tgt Ion:178 Resp: 1652674
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 16.9 13.8 20.8



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

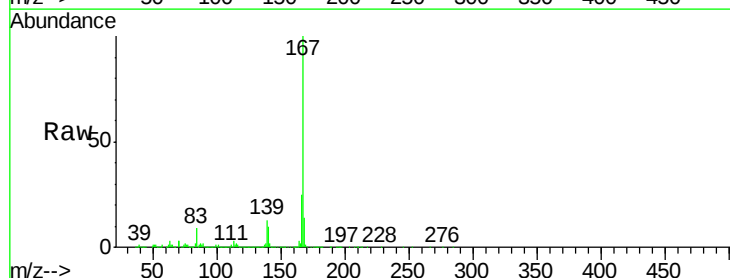


Time-->

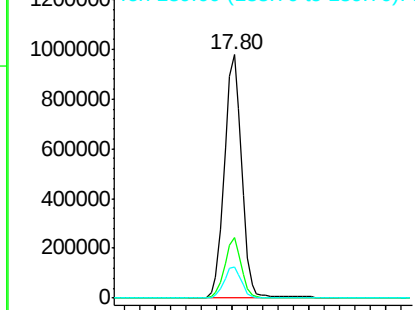


#72
 Carbazole
 Concen: 40.51 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

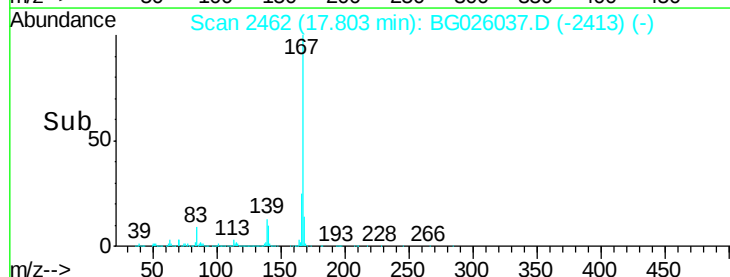
Tgt Ion:167 Resp: 1534139
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.2 30.2
 139 12.9 12.8 19.2

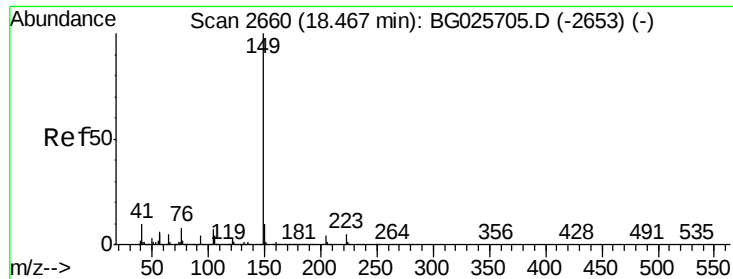


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 49.90 ng

RT: 18.36 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

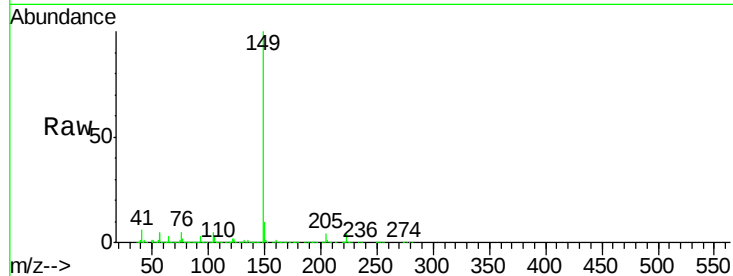
Tgt Ion:149 Resp: 1855214

Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

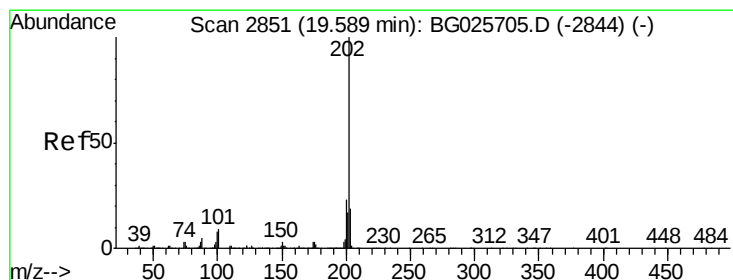
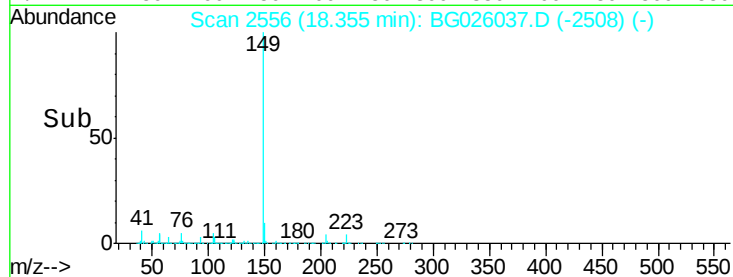
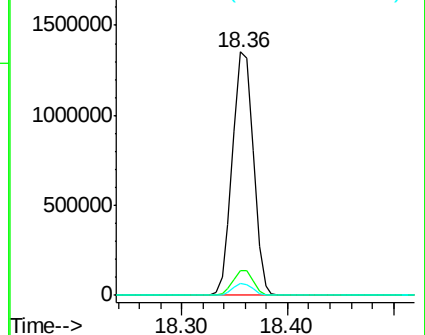
104 4.9 6.7 10.1#



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: 43.90 ng

RT: 19.45 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

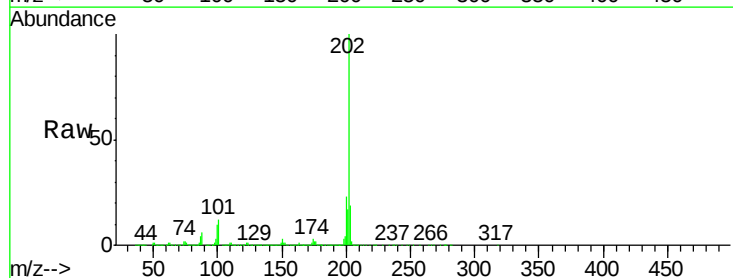
Tgt Ion:202 Resp: 1787255

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.1

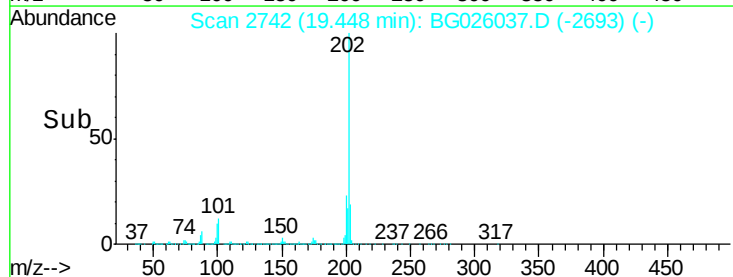
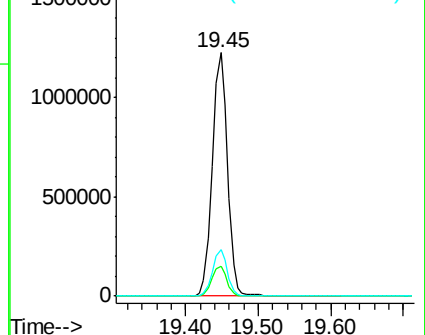
203 19.0 1.3 41.3

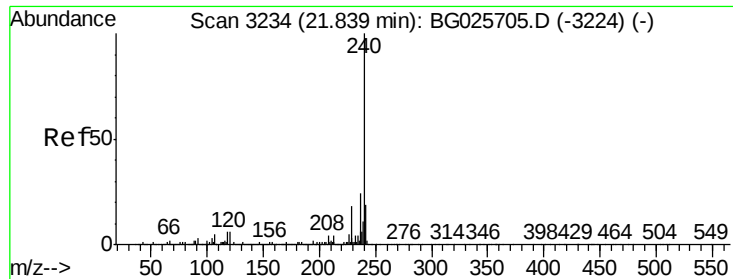


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

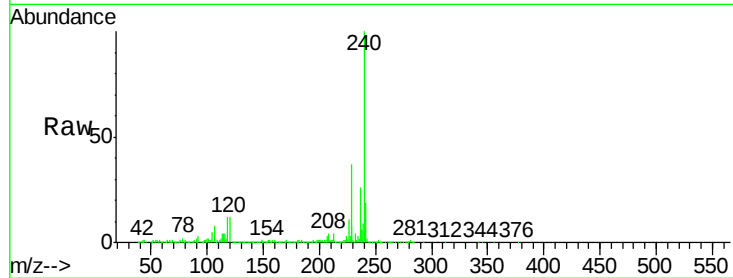
Tgt Ion:240 Resp: 652619

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

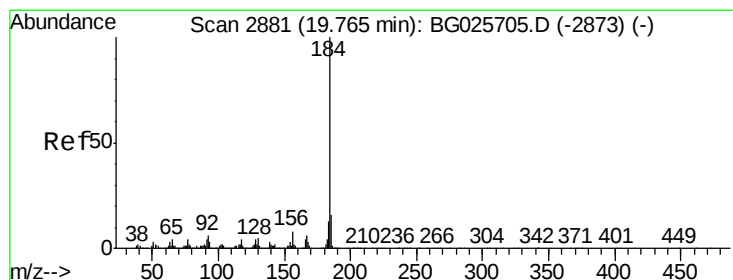
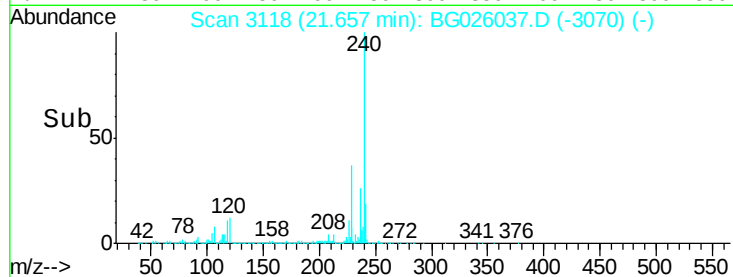
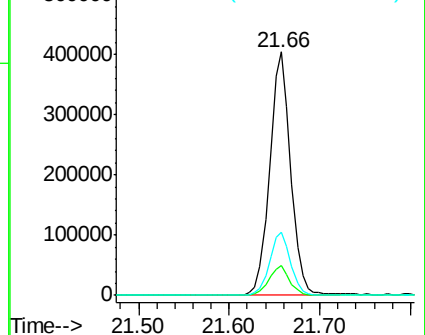
236 25.9 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.20 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

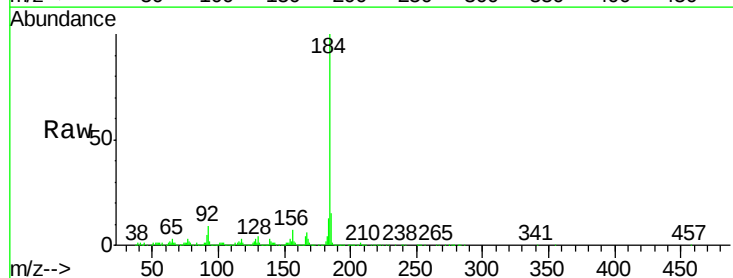
Tgt Ion:184 Resp: 766376

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

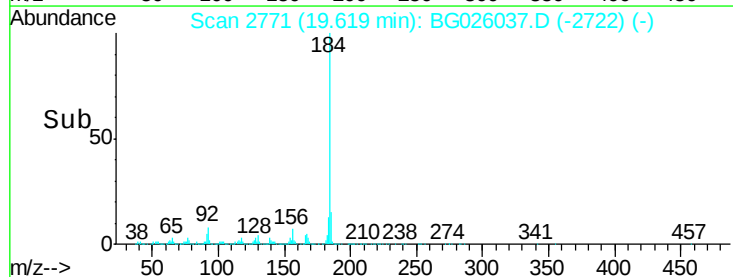
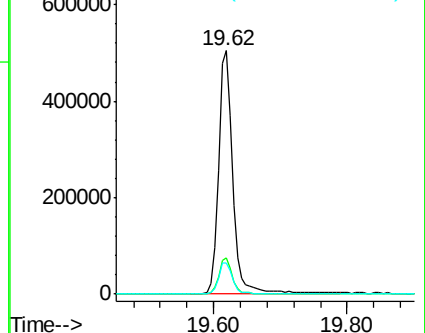
183 12.8 11.0 16.6

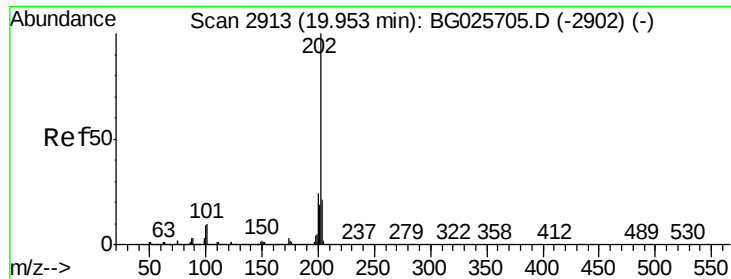


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

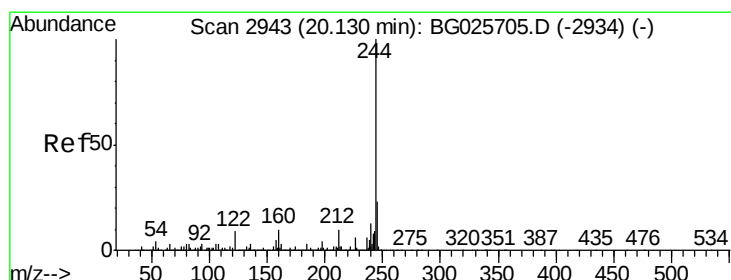
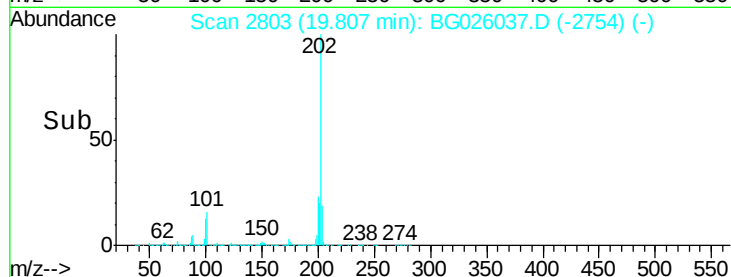
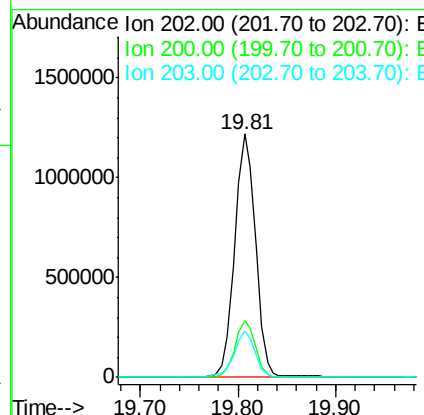
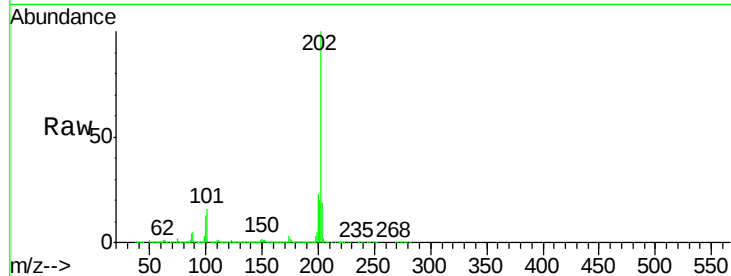




#77
 Pyrene
 Concen: 43.77 ng
 RT: 19.81 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

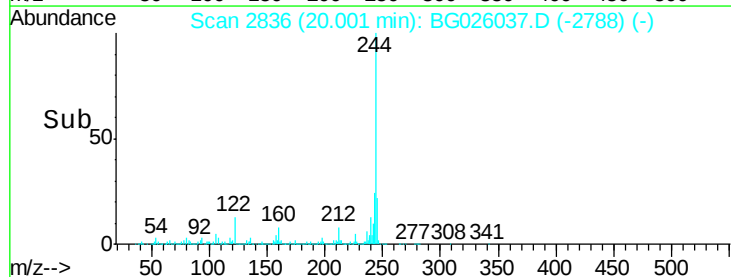
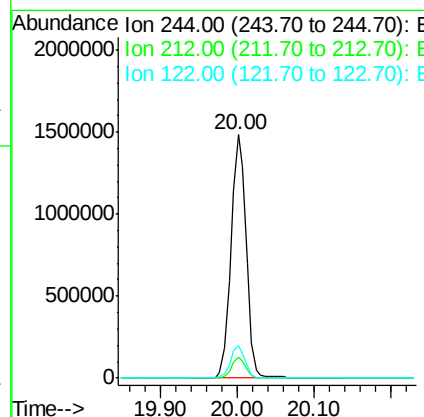
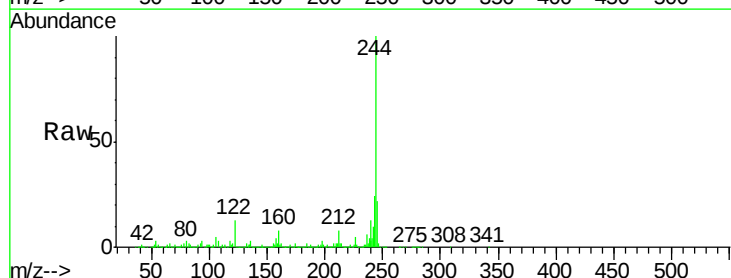
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

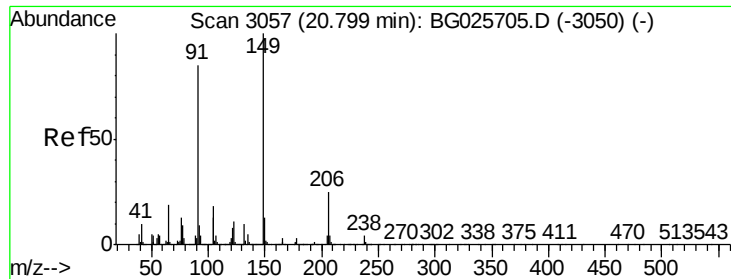
Tgt Ion:202 Resp: 1806438
 Ion Ratio Lower Upper
 202 100
 200 23.1 19.6 29.4
 203 19.1 15.8 23.8



#78
 Terphenyl-d14
 Concen: 76.44 ng
 RT: 20.00 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:244 Resp: 2051030
 Ion Ratio Lower Upper
 244 100
 212 8.4 10.0 15.0#
 122 13.5 8.6 12.8#

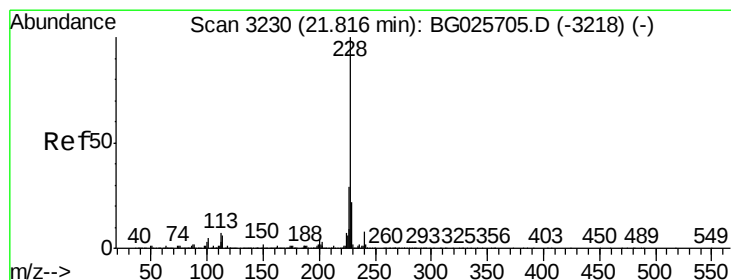
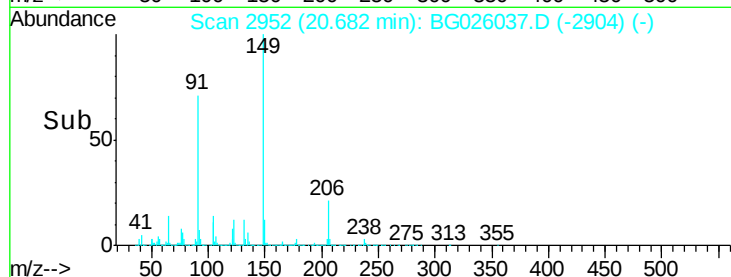
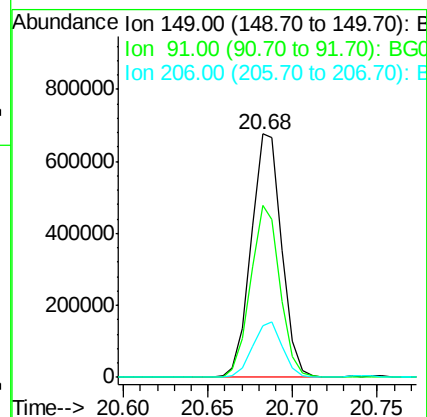
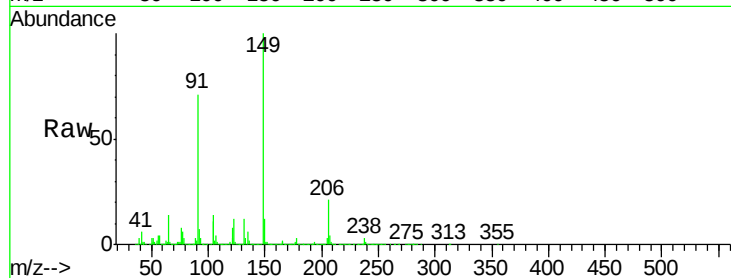




#79
Butylbenzylphthalate
Concen: 54.13 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

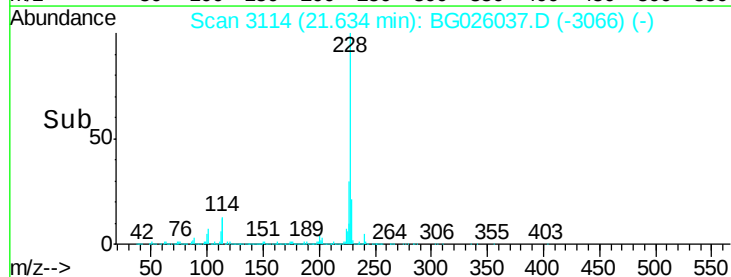
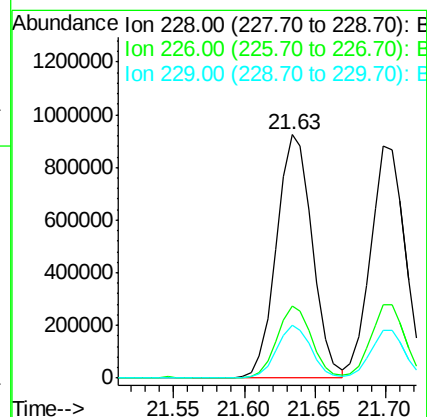
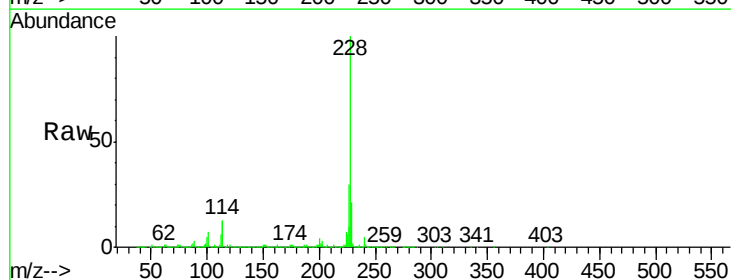
Instrument :
BNA_G
ClientSampleId :
4B-20MSD

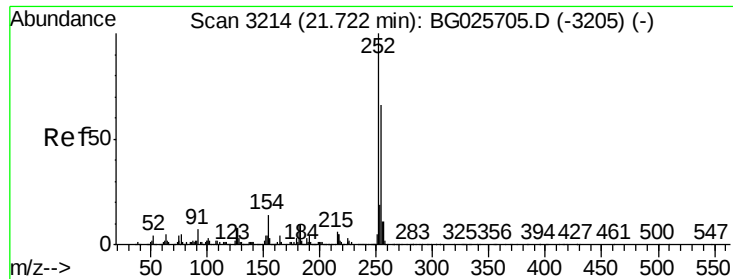
Tgt Ion:149 Resp: 847884
Ion Ratio Lower Upper
149 100
91 70.5 63.5 95.3
206 21.3 21.0 31.6



#80
Benzo(a)anthracene
Concen: 42.83 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:228 Resp: 1632046
Ion Ratio Lower Upper
228 100
226 29.9 24.9 37.3
229 21.5 18.2 27.2

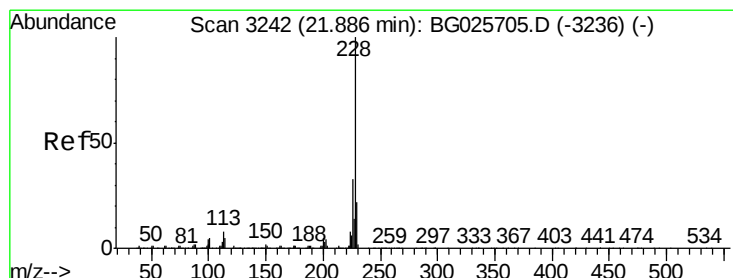
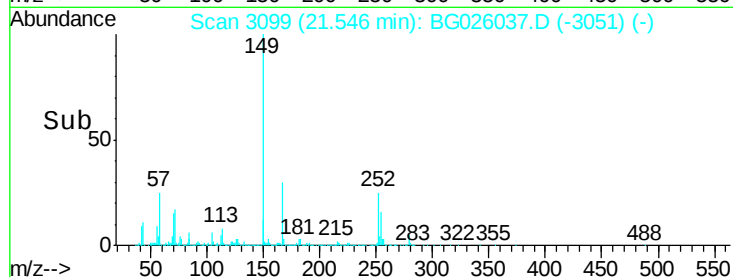
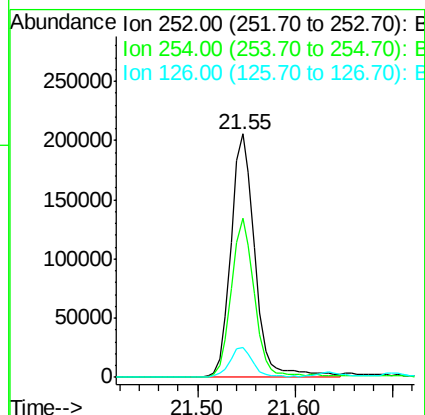
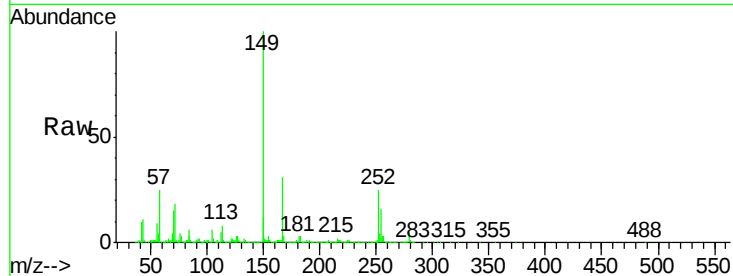




#81
 3,3'-Dichlorobenzidine
 Concen: 25.56 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

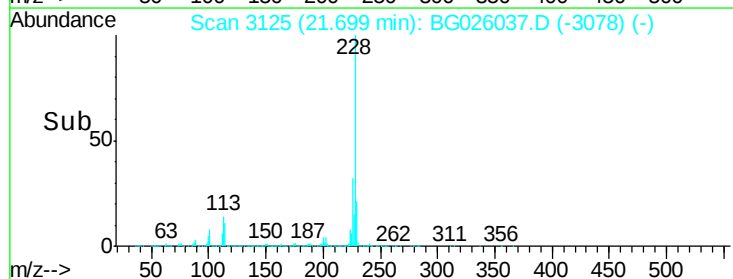
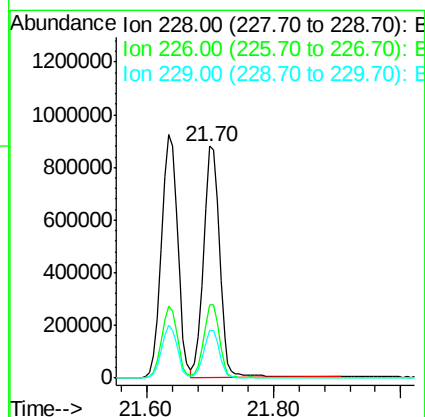
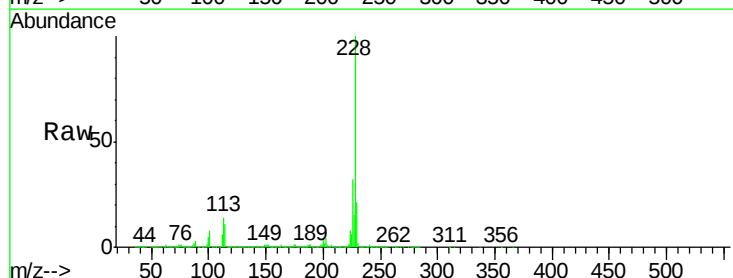
Instrument :
 BNA_G
 ClientSampled :
 4B-20MSD

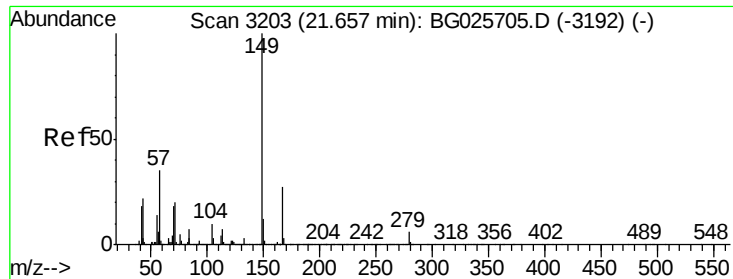
Tgt Ion: 252 Resp: 347180
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.1 79.7
 126 12.4 7.0 10.4#



#82
 Chrysene
 Concen: 41.89 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion: 228 Resp: 1534715
 Ion Ratio Lower Upper
 228 100
 226 31.9 27.0 40.4
 229 20.6 17.8 26.6

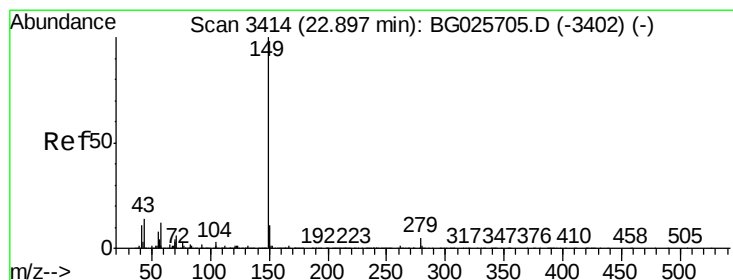
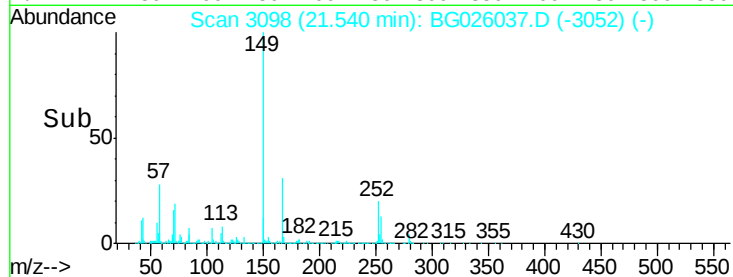
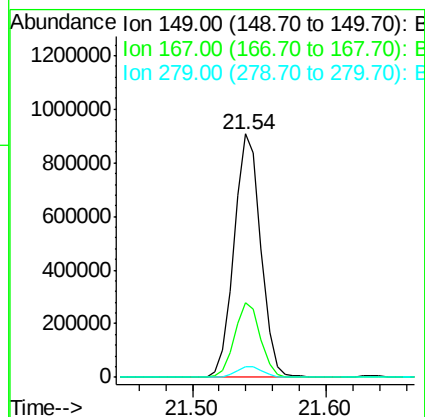
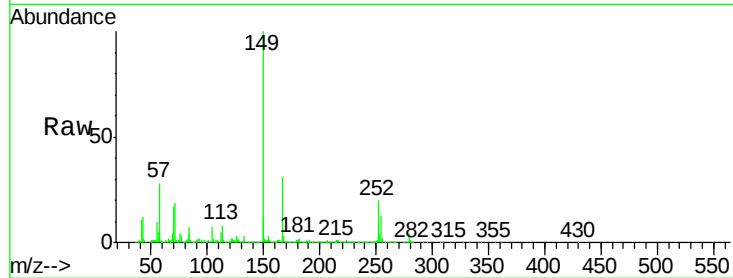




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.71 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

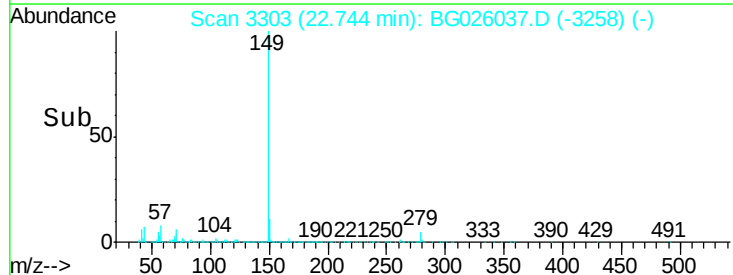
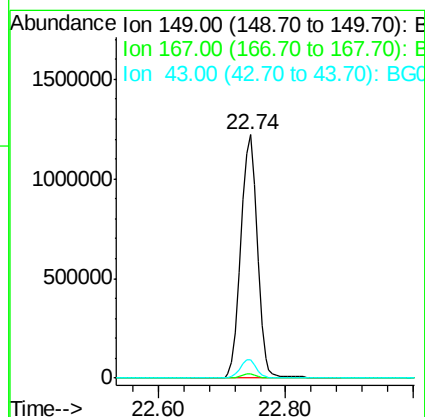
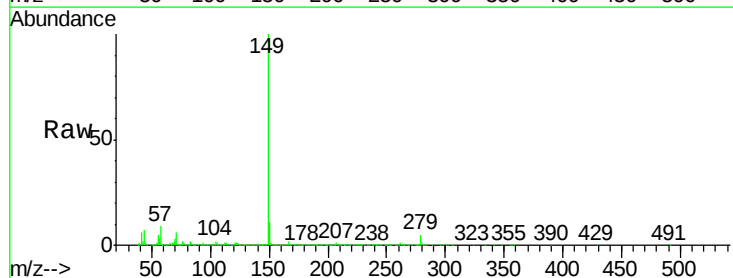
Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

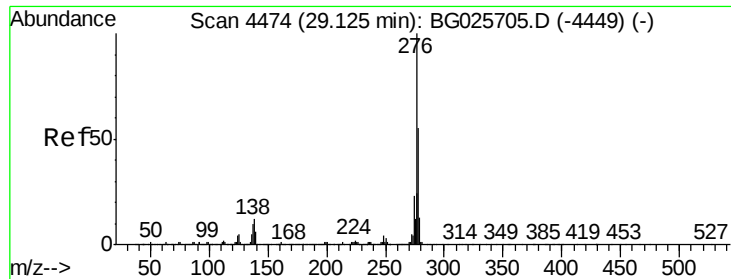
Tgt Ion:149 Resp: 1260034
 Ion Ratio Lower Upper
 149 100
 167 30.8 23.7 35.5
 279 4.4 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 58.09 ng
 RT: 22.74 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:149 Resp: 2169562
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.2 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.78 ng

RT: 28.50 min Scan# 4282

Delta R.T. -0.05 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

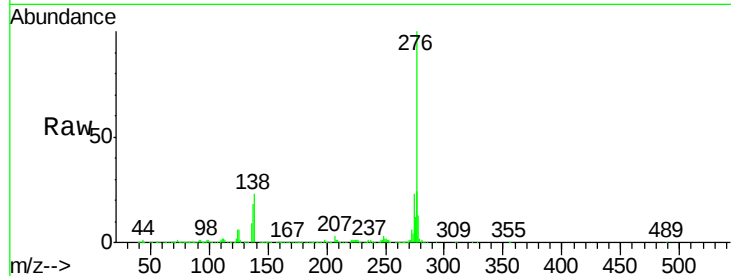
Tgt Ion:276 Resp: 1673776

Ion Ratio Lower Upper

276 100

138 27.4 4.7 7.1#

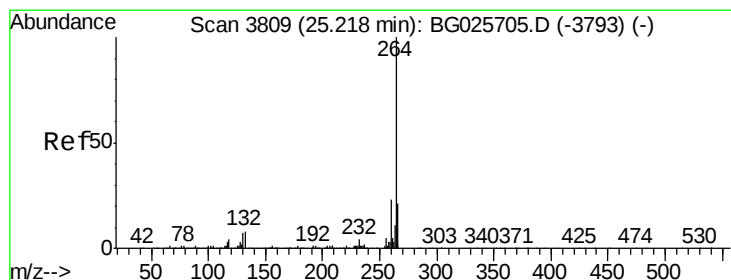
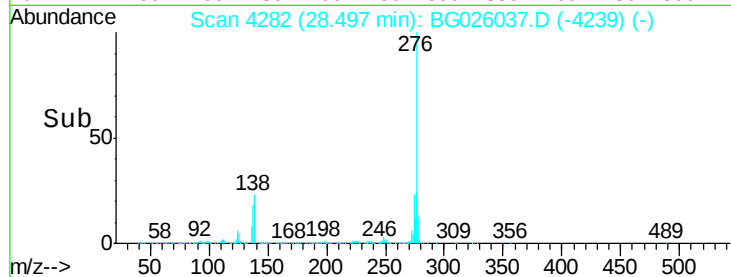
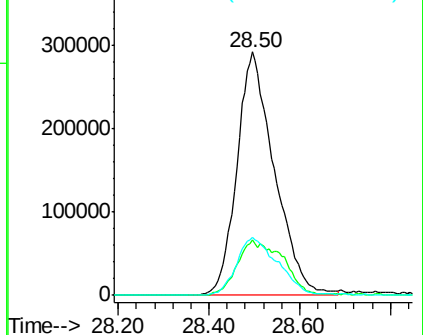
277 26.1 20.6 31.0



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: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

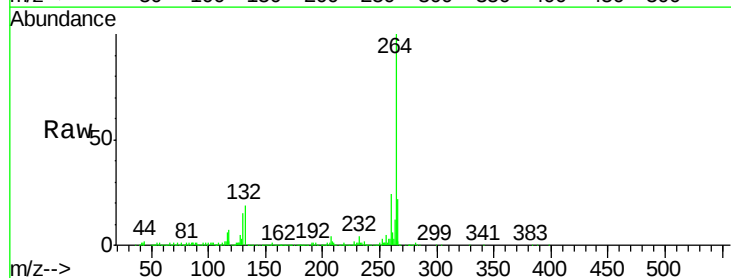
Tgt Ion:264 Resp: 629100

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

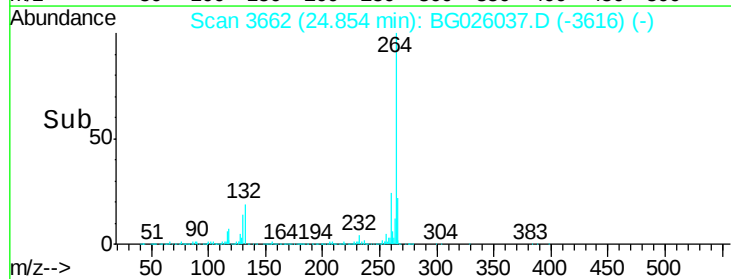
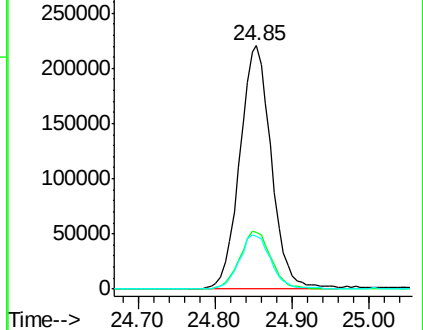
265 21.9 18.2 27.4

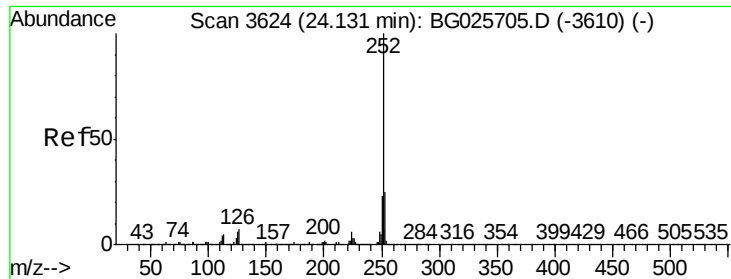


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.05 ng

RT: 23.84 min Scan# 3489

Delta R.T. -0.03 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

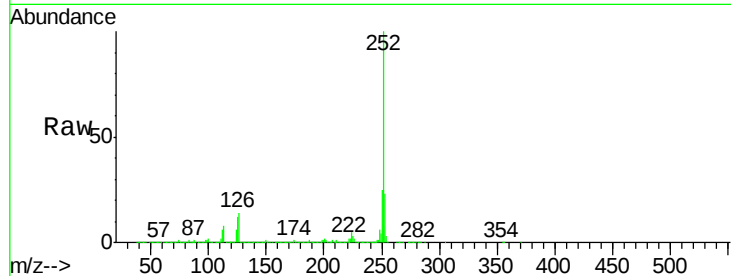
Tgt Ion:252 Resp: 1621976

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

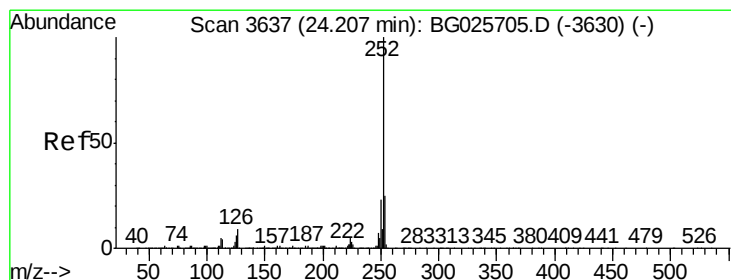
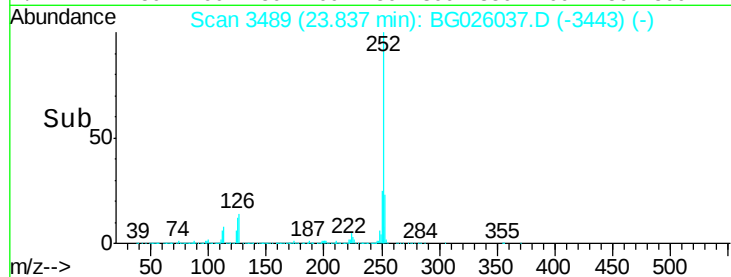
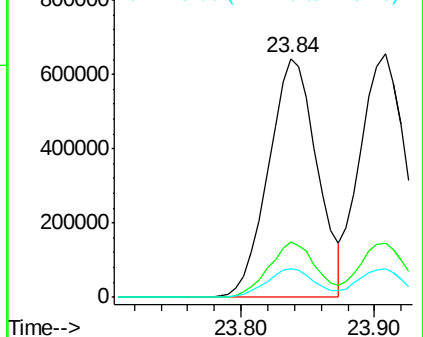
125 11.9 5.3 7.9#



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: 42.85 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

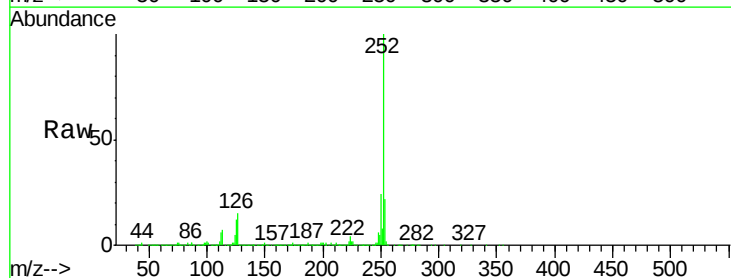
Tgt Ion:252 Resp: 1575066

Ion Ratio Lower Upper

252 100

253 22.1 20.2 30.2

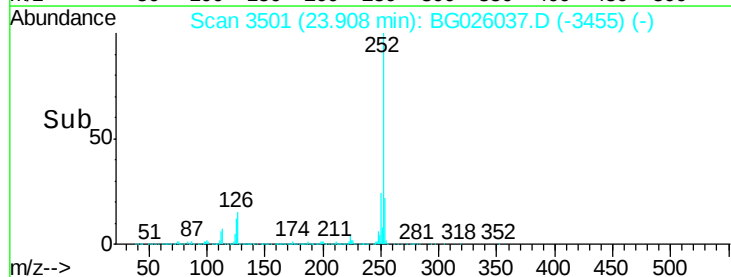
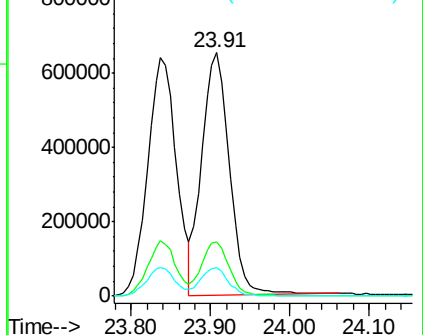
125 11.6 5.1 7.7#

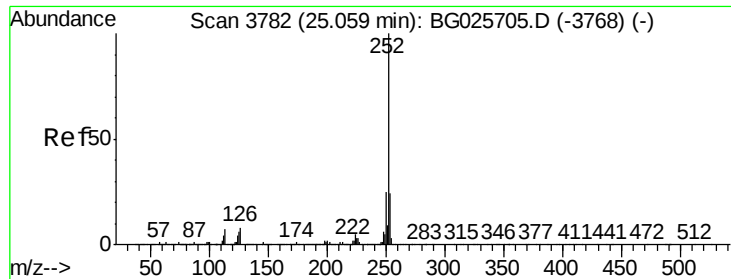


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.62 ng

RT: 24.70 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

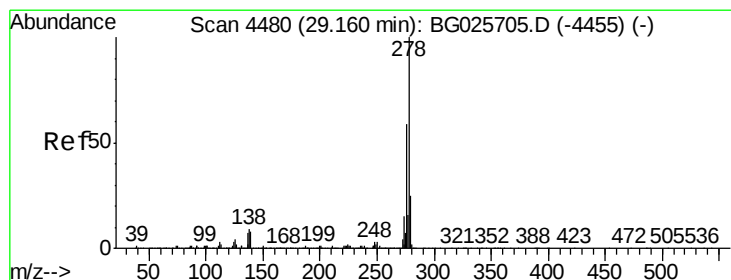
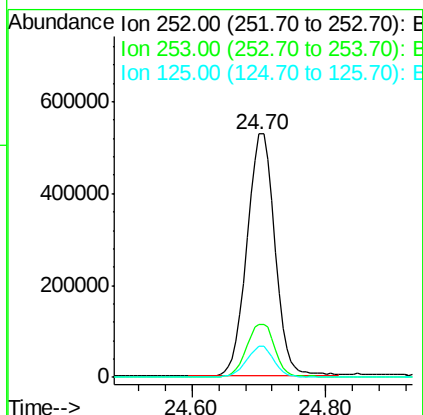
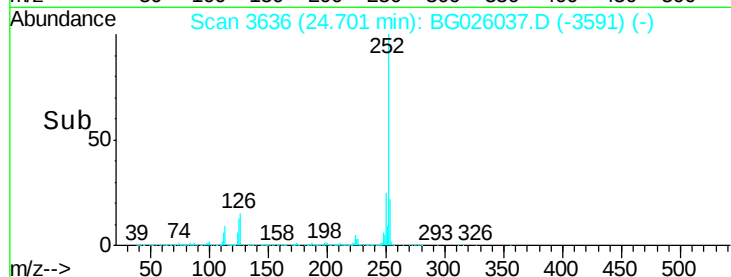
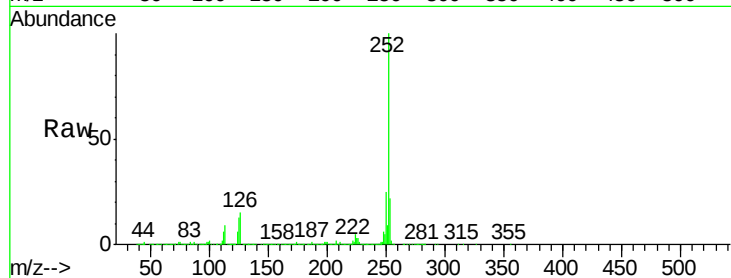
Tgt Ion:252 Resp: 1520418

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

125 12.7 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 37.34 ng

RT: 28.56 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

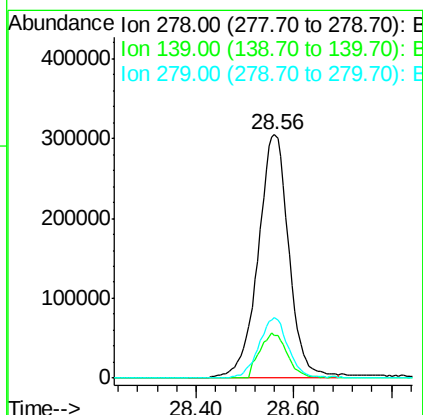
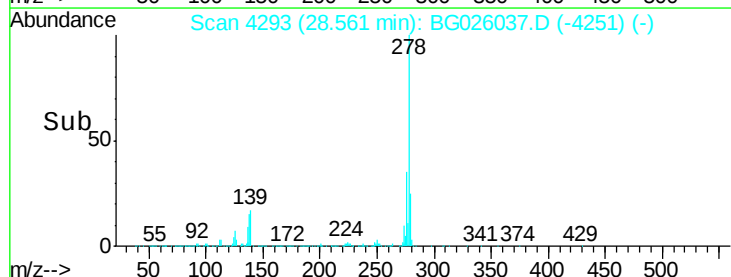
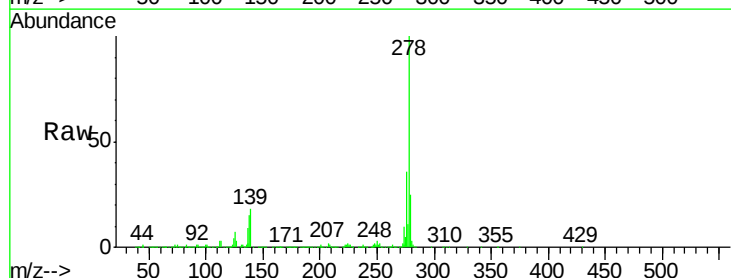
Tgt Ion:278 Resp: 1338341

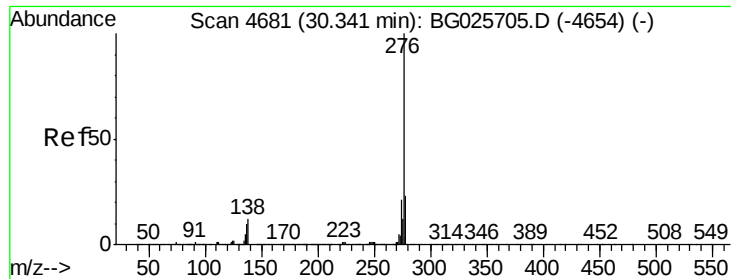
Ion Ratio Lower Upper

278 100

139 17.5 7.7 11.5#

279 24.7 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 40.10 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion:276 Resp: 1441168

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 23.1 8.1 12.1#

