

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029026.D
 Acq On : 4 Oct 2017 5:12
 Operator : SJ/JU
 Sample : I5584-04MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 07:40:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	77433	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	309143	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	217730	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	589514	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	678426	20.00	ng	-0.10
86) Perylene-d12	25.35	264	667747	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.81	112	337421	71.90	ng	-0.09
7) Phenol-d6	7.40	99	440282	62.31	ng	-0.09
23) Nitrobenzene-d5	9.41	82	314621	48.69	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	287083	79.72	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	751146	46.00	ng	-0.08
78) Terphenyl-d14	20.21	244	1536327	48.29	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.73	88	35001	18.42	ng	# 90
3) Pyridine	4.13	79	81523	15.04	ng	# 93
4) n-Nitrosodimethylamine	4.04	42	57322	23.25	ng	# 82
6) Aniline	7.57	93	75556	9.19	ng	96
8) 2-Chlorophenol	7.81	128	111279	21.27	ng	92
9) Benzaldehyde	7.38	77	58479	13.34	ng	94
10) Phenol	7.43	94	141179	18.93	ng	88
11) bis(2-Chloroethyl)ether	7.66	93	109201	20.40	ng	94
12) 1,3-Dichlorobenzene	8.28	146	119918	21.29	ng	94
13) 1,4-Dichlorobenzene	8.28	146	119918	20.70	ng	97
14) 1,2-Dichlorobenzene	8.60	146	115825	20.24	ng	98
15) Benzyl Alcohol	8.48	79	122312	22.18	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.75	45	203851	20.95	ng	97
17) 2-Methylphenol	8.68	107	101434	20.82	ng	90
18) Hexachloroethane	9.32	117	45014	21.20	ng	87
19) n-Nitroso-di-n-propylamine	9.04	70	98947	19.76	ng	93
20) 3+4-Methylphenols	9.01	107	137497	20.17	ng	94
22) Acetophenone	9.07	105	184234	20.38	ng	# 88
24) Nitrobenzene	9.45	77	152700	21.34	ng	97
25) Isophorone	9.97	82	274066	20.96	ng	98
26) 2-Nitrophenol	10.17	139	61995	20.36	ng	95
27) 2,4-Dimethylphenol	10.22	122	112197	20.15	ng	98
28) bis(2-Chloroethoxy)methane	10.45	93	151650	21.36	ng	99
29) 2,4-Dichlorophenol	10.72	162	121957	22.02	ng	94
30) 1,2,4-Trichlorobenzene	10.92	180	132562	20.98	ng	96
31) Naphthalene	11.11	128	350890	21.73	ng	99
32) Benzoic acid	10.38	122	55769	18.40	ng	86
34) Hexachlorobutadiene	11.38	225	93130	20.01	ng	97
35) Caprolactam	12.01	113	17193	8.66	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	147777	20.50	ng	98
37) 2-Methylnaphthalene	12.70	142	264573	21.95	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	176826	19.75	ng	94
40) Hexachlorocyclopentadiene	13.04	237	142368	44.65	ng	94
42) 2,4,6-Trichlorophenol	13.30	196	116527	20.51	ng	89

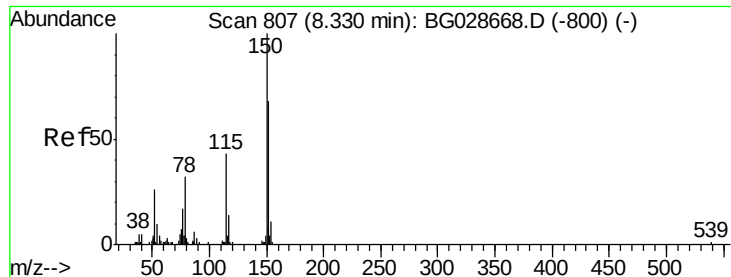
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.39	196	125400	21.96	nq	# 88
45) 1,1'-Biphenyl	13.70	154	367875	20.41	nq	98
46) 2-Chloronaphthalene	13.74	162	281748	21.43	nq	99
47) 2-Nitroaniline	13.95	65	113169	23.16	nq	89
48) Acenaphthylene	14.59	152	466392	22.20	nq	97
49) Dimethylphthalate	14.31	163	415763	22.77	nq	97
50) 2,6-Dinitrotoluene	14.44	165	93549	23.03	nq	# 81
51) Acenaphthene	14.93	154	277167	21.72	nq	97
52) 3-Nitroaniline	14.78	138	33381	9.29	nq	96
53) 2,4-Dinitrophenol	14.99	184	90612	46.10	nq	98
54) Dibenzofuran	15.26	168	482288	23.70	nq	92
55) 4-Nitrophenol	15.09	139	125990	47.87	nq	# 74
56) 2,4-Dinitrotoluene	15.23	165	141373	24.75	nq	# 86
57) Fluorene	15.91	166	414744	22.83	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	130683	25.97	nq	# 93
59) Diethylphthalate	15.66	149	438581	23.38	nq	99
60) 4-Chlorophenyl-phenylether	15.89	204	231779	22.40	nq	91
61) 4-Nitroaniline	15.95	138	92394	24.28	nq	# 84
62) Azobenzene	16.19	77	402435	25.50	nq	93
64) 4,6-Dinitro-2-methylphenol	16.00	198	75769	19.92	nq	93
65) n-Nitrosodiphenylamine	16.11	169	361775	21.41	nq	97
66) 4-Bromophenyl-phenylether	16.79	248	165716	21.85	nq	96
67) Hexachlorobenzene	16.92	284	174518	20.21	nq	# 90
68) Atrazine	17.06	200	170339	23.48	nq	98
69) Pentachlorophenol	17.27	266	180094	46.17	nq	96
70) Phenanthrene	17.66	178	693551	23.01	nq	94
71) Anthracene	17.75	178	711614	23.37	nq	98
72) Carbazole	18.03	167	643938	23.48	nq	95
73) Di-n-butylphthalate	18.55	149	774832	23.04	nq	# 94
74) Fluoranthene	19.66	202	897664	24.39	nq	93
76) Benzidine	19.84	184	122562	6.97	nq	# 95
77) Pyrene	20.02	202	925129	23.64	nq	96
79) Butylbenzylphthalate	20.89	149	352750	22.32	nq	90
80) Benzo(a)anthracene	21.90	228	945594	23.16	nq	95
81) 3,3'-Dichlorobenzidine	21.81	252	177959	10.75	nq	# 96
82) Chrysene	21.98	228	881480	22.75	nq	96
83) Bis(2-ethylhexyl)phthalate	21.77	149	484685	21.57	nq	100
84) Di-n-octyl phthalate	23.04	149	806907	20.56	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.28	276	1070181	21.50	nq	# 79
87) Benzo(b)fluoranthene	24.26	252	902335	22.55	nq	98
88) Benzo(k)fluoranthene	24.32	252	909868	22.77	nq	95
89) Benzo(a)pyrene	25.19	252	877748	23.11	nq	99
90) Dibenzo(a,h)anthracene	29.33	278	903118	22.81	nq	100
91) Benzo(g,h,i)perylene	30.52	276	879660	22.77	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.24 min Scan# 791

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

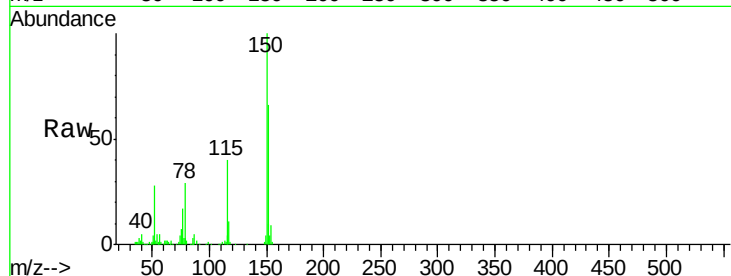
Tot Ion:152 Resp: 77433

Ion Ratio Lower Upper

152 100

150 150.5 114.0 171.0

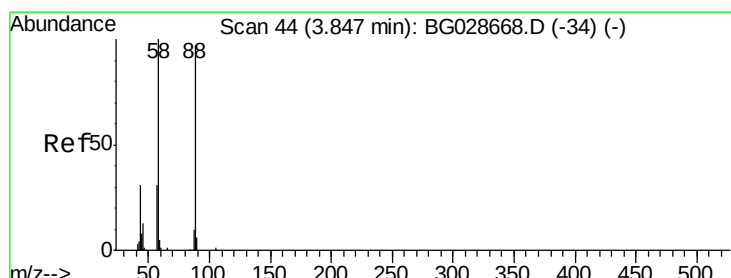
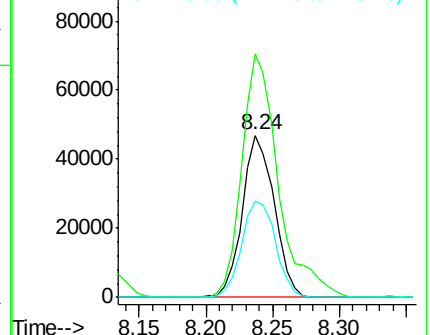
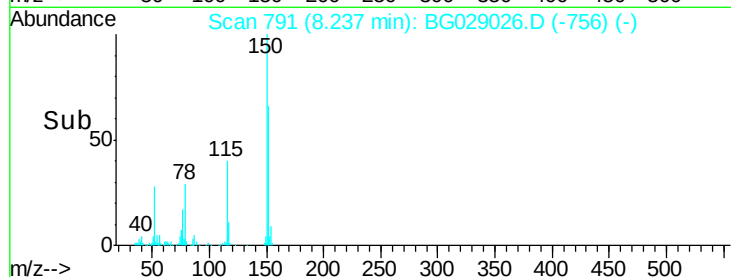
115 60.0 48.1 72.1



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



#2

1,4-Dioxane

Concen: 18.42 ng

RT: 3.73 min Scan# 24

Delta R.T. -0.12 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

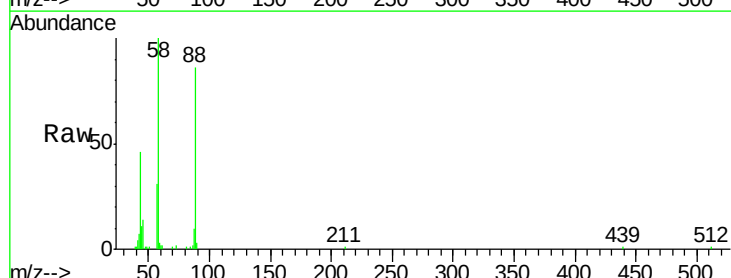
Tgt Ion: 88 Resp: 35001

Ion Ratio Lower Upper

88 100

58 106.9 79.4 119.2

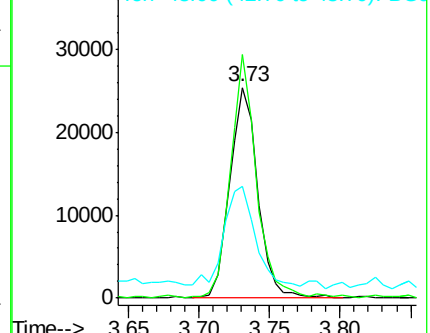
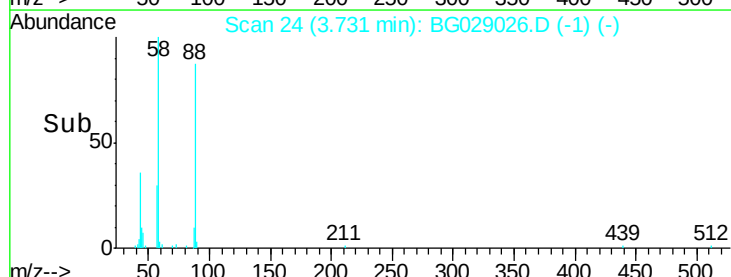
43 52.9 33.8 50.6#

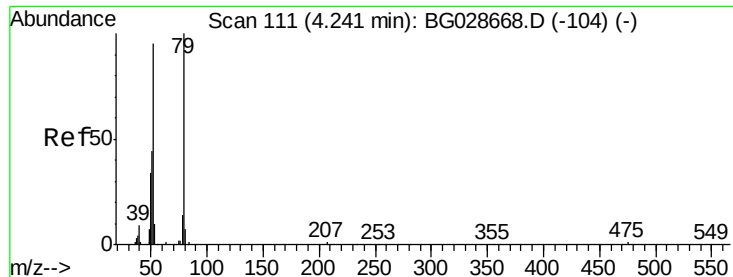


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.04 ng

RT: 4.13 min Scan# 92

Delta R.T. -0.11 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

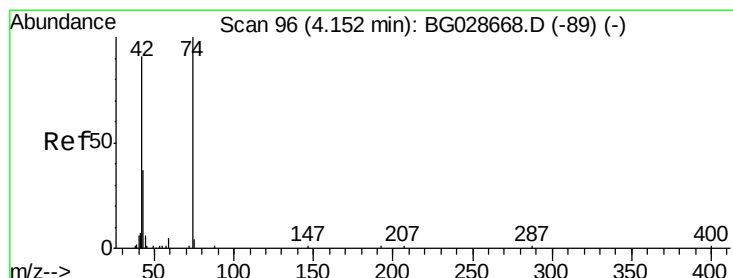
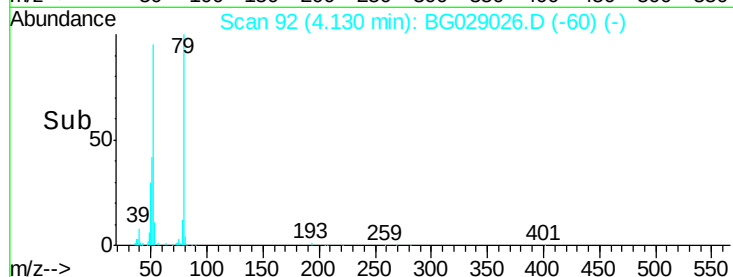
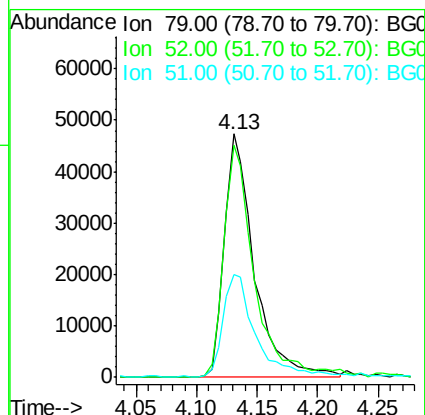
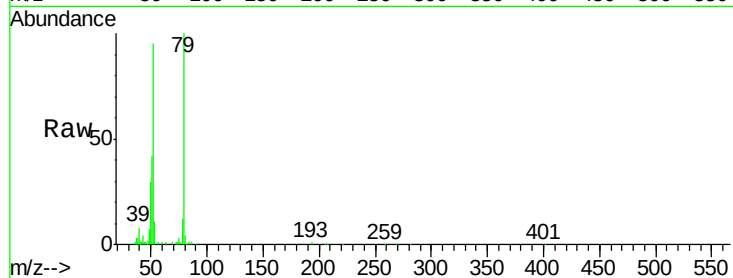
Tot Ion: 79 Resp: 81523

Ion Ratio Lower Upper

79 100

52 95.2 77.8 116.6

51 42.3 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 23.25 ng

RT: 4.04 min Scan# 76

Delta R.T. -0.12 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

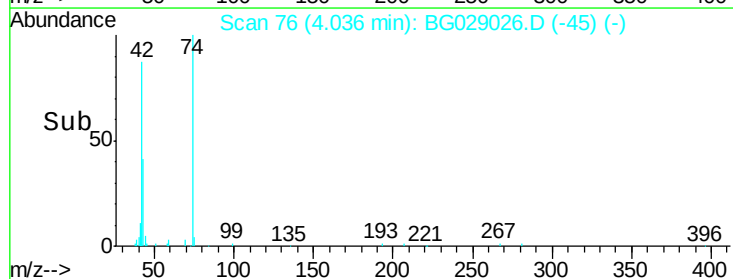
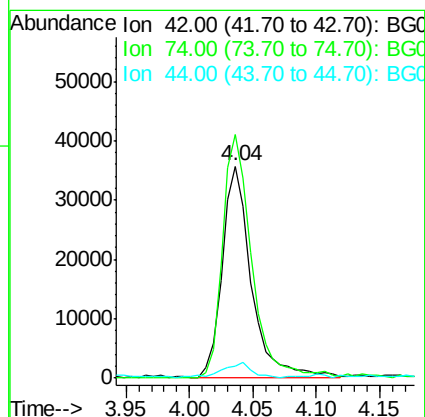
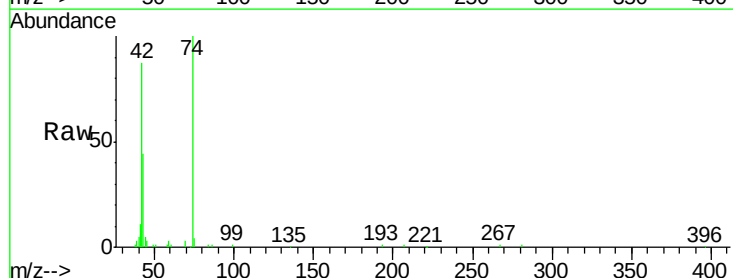
Tgt Ion: 42 Resp: 57322

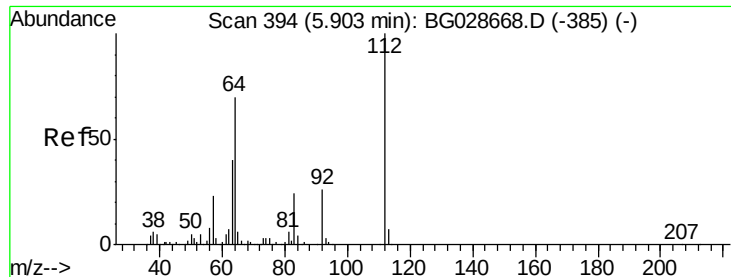
Ion Ratio Lower Upper

42 100

74 114.9 76.7 115.1

44 5.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 71.90 ng

RT: 5.81 min Scan# 378

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

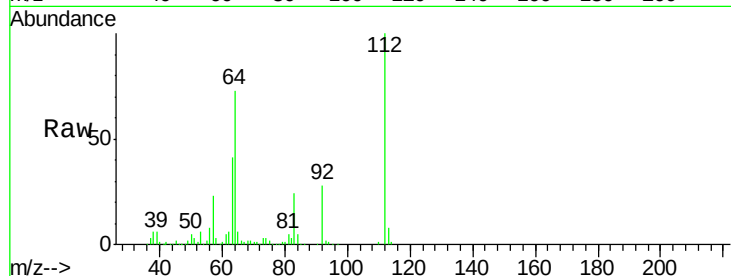
Tot Ion:112 Resp: 337421

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

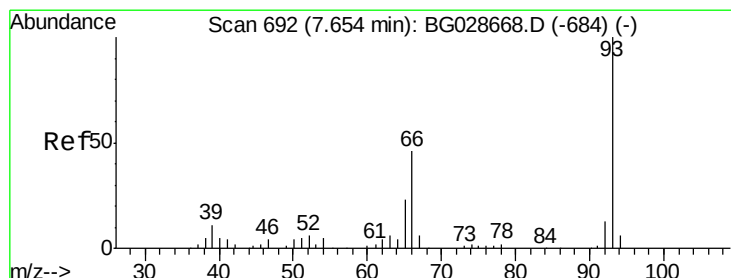
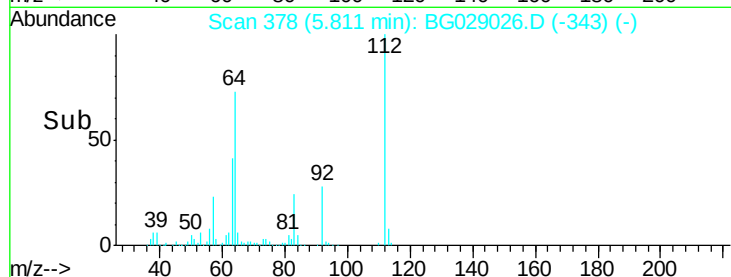
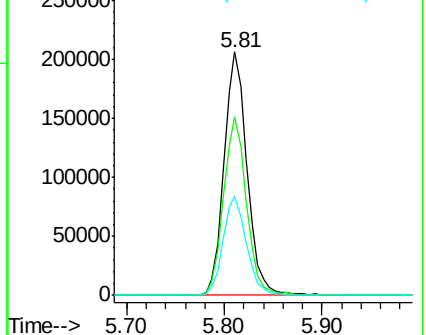
63 40.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.19 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

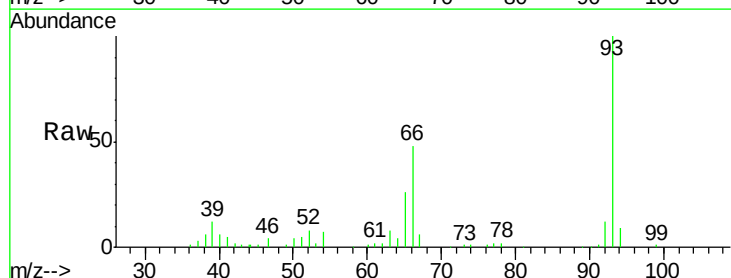
Tgt Ion: 93 Resp: 75556

Ion Ratio Lower Upper

93 100

66 47.9 35.4 53.2

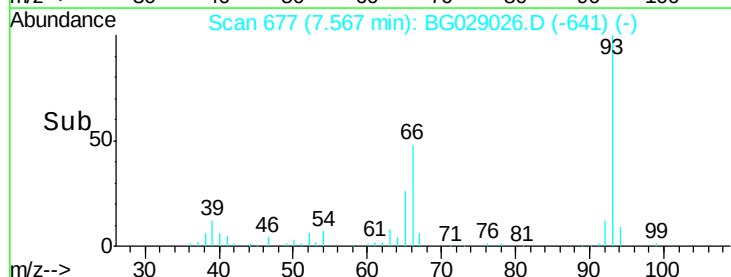
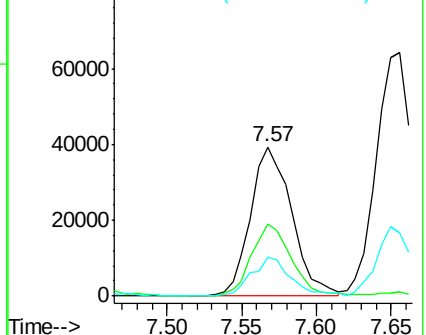
65 25.7 21.2 31.8

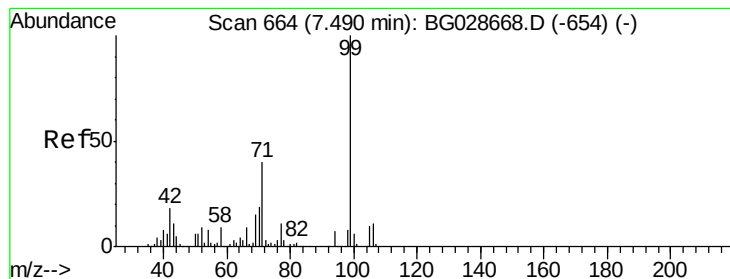


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 62.31 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

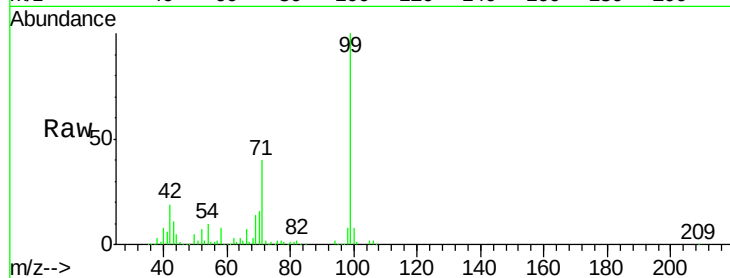
Tot Ion: 99 Resp: 440282

Ion Ratio Lower Upper

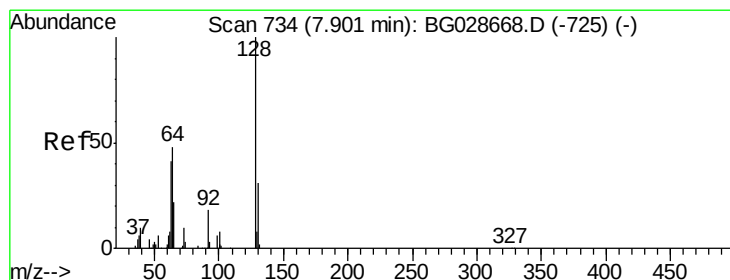
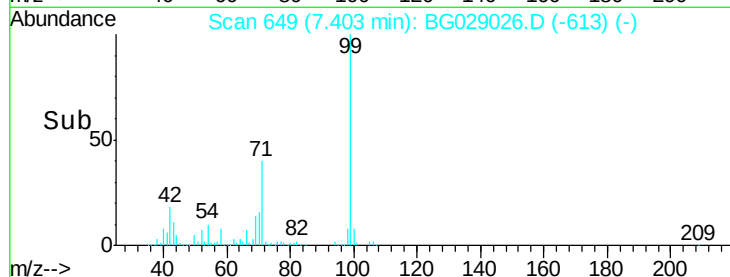
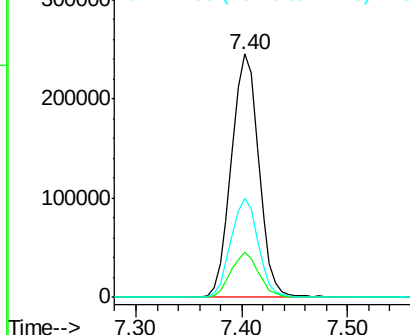
99 100

42 18.6 20.5 30.7#

71 40.4 37.6 56.4



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



#8

2-Chlorophenol

Concen: 21.27 ng

RT: 7.81 min Scan# 718

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

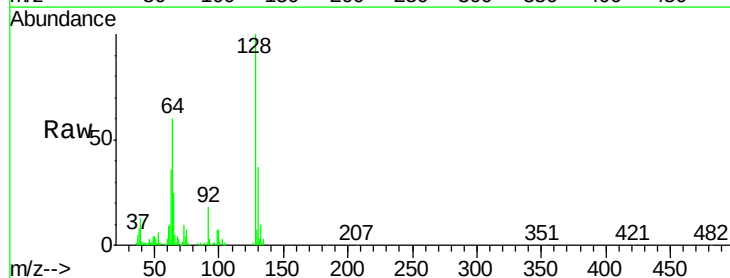
Tgt Ion: 128 Resp: 111279

Ion Ratio Lower Upper

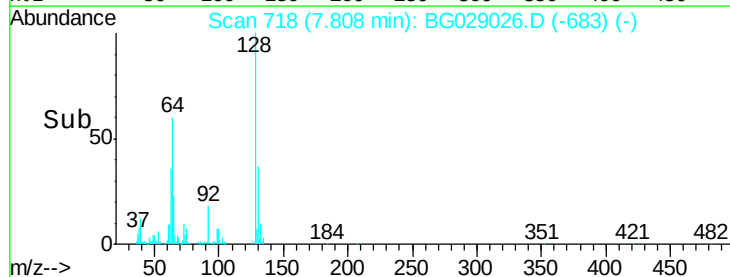
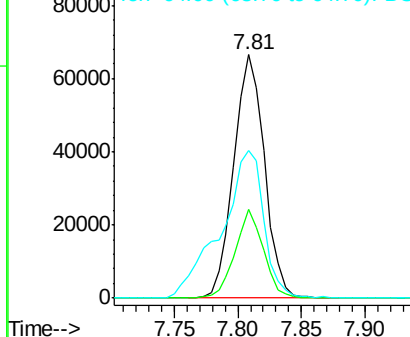
128 100

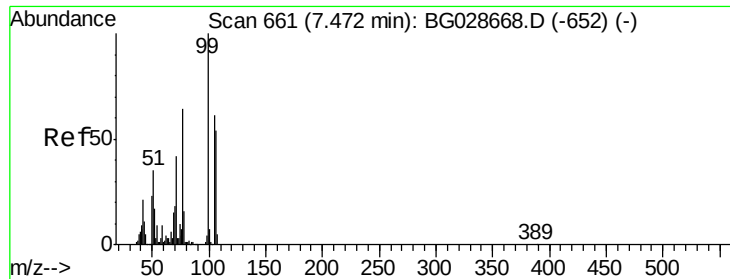
130 36.6 11.4 51.4

64 60.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 13.34 ng

RT: 7.38 min Scan# 645

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

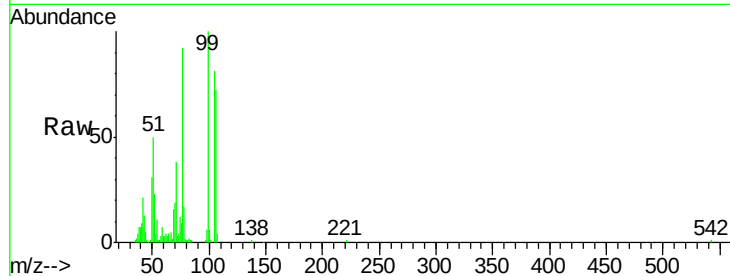
Tot Ion: 77 Resp: 58479

Ion Ratio Lower Upper

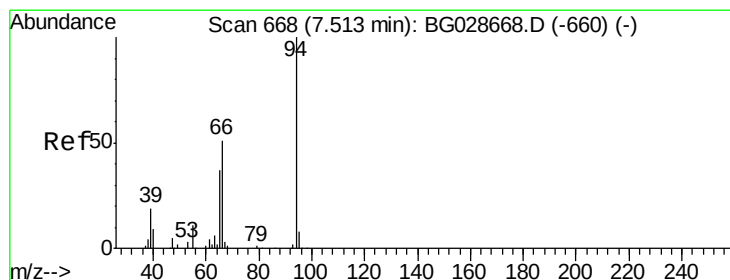
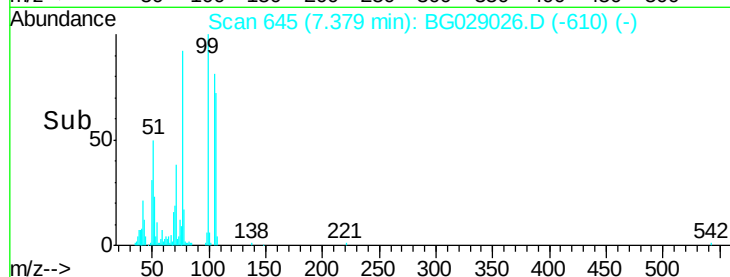
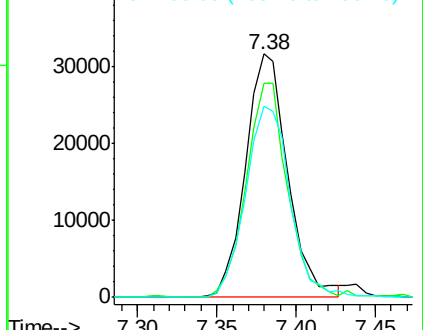
77 100

105 88.1 60.9 100.9

106 78.6 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: 18.93 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

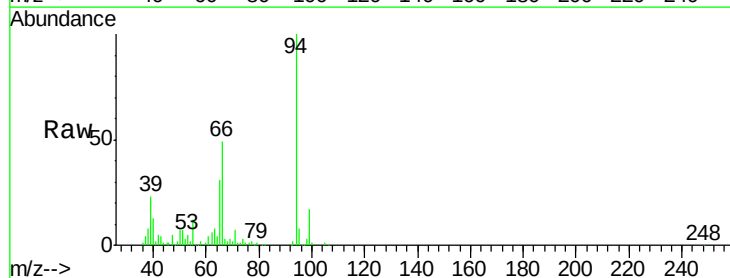
Tgt Ion: 94 Resp: 141179

Ion Ratio Lower Upper

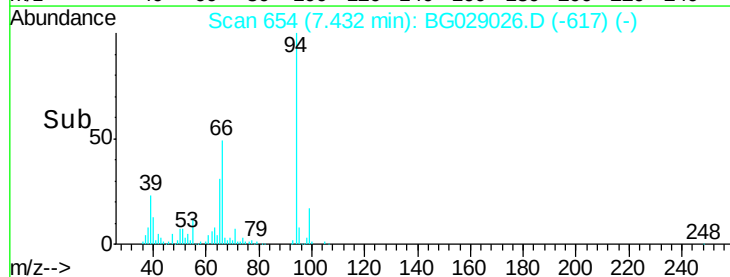
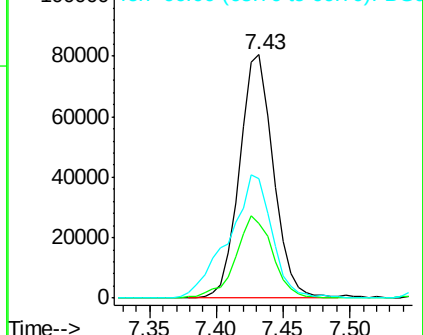
94 100

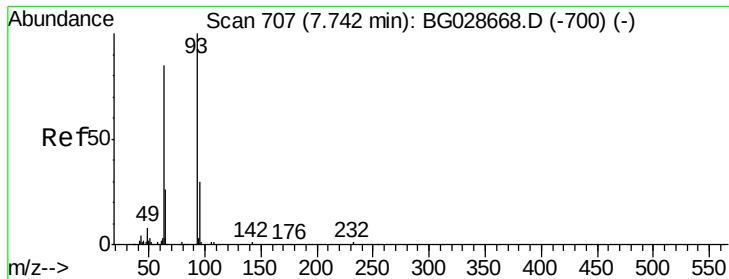
65 30.8 20.6 60.6

66 49.3 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

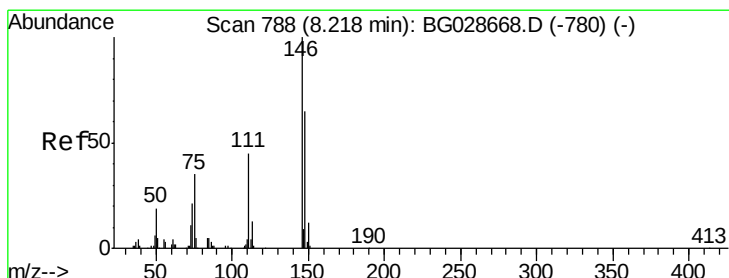
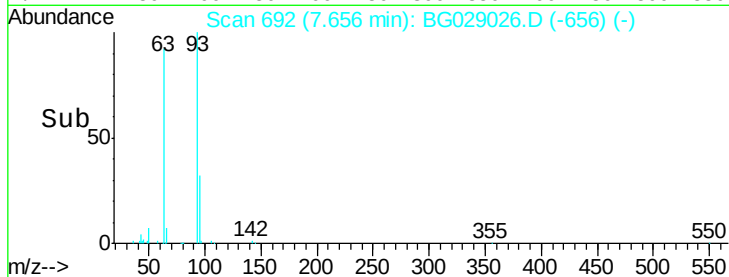
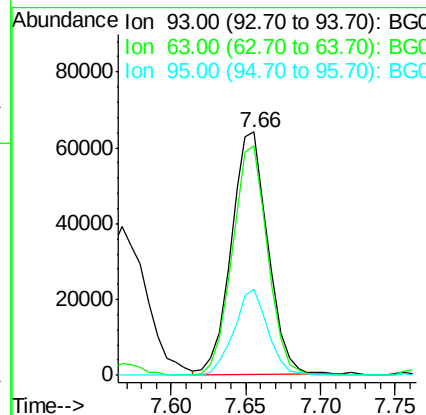
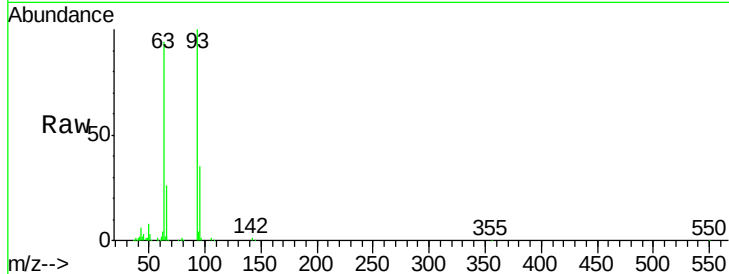




#11
 bis(2-Chloroethyl)ether
 Concen: 20.40 ng
 RT: 7.66 min Scan# 692
 Delta R.T. -0.09 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

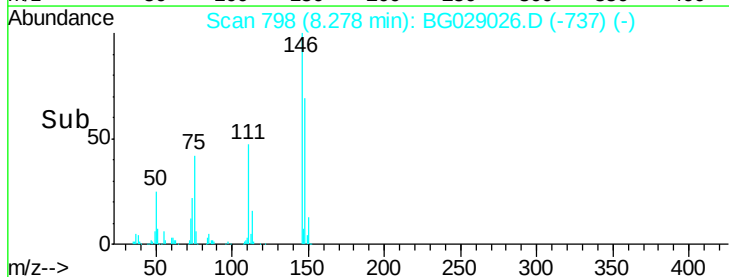
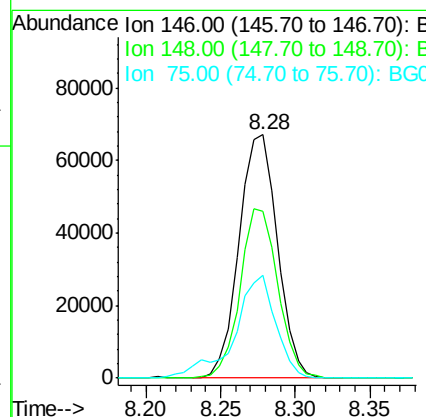
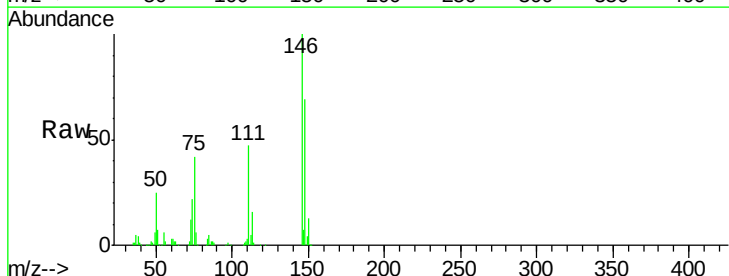
Instrument :
 BNA_G
 ClientSampleId :

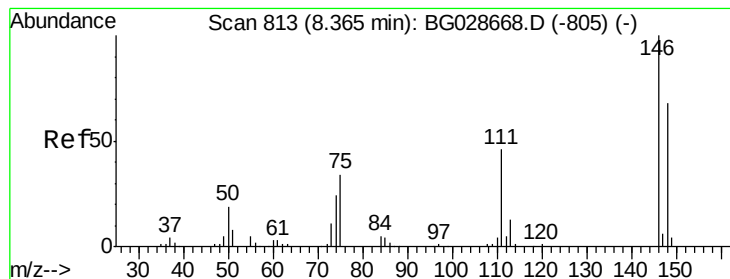
Tot Ion: 93 Resp: 109201
 Ion Ratio Lower Upper
 93 100
 63 94.3 78.5 118.5
 95 35.2 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 21.29 ng
 RT: 8.28 min Scan# 798
 Delta R.T. 0.06 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion: 146 Resp: 119918
 Ion Ratio Lower Upper
 146 100
 148 68.6 49.2 73.8
 75 42.0 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 20.70 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

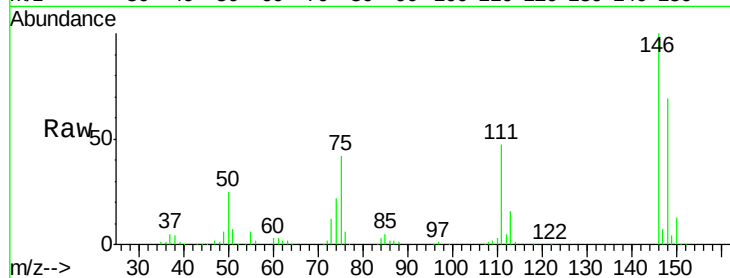
Tot Ion:146 Resp: 119918

Ion Ratio Lower Upper

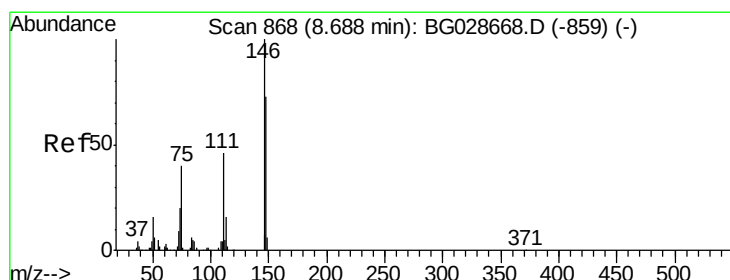
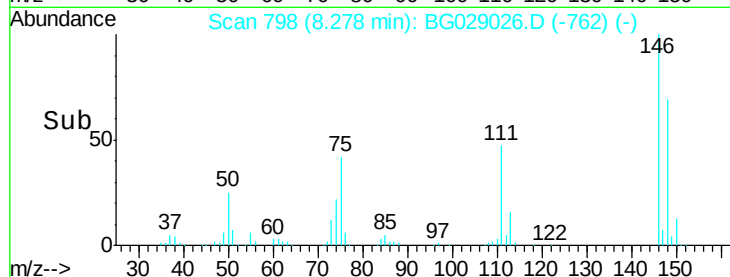
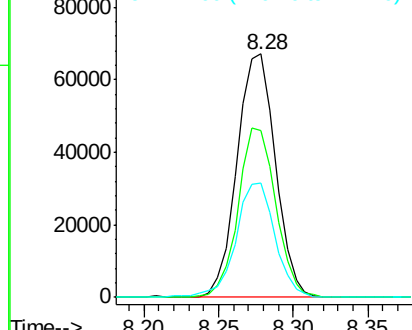
146 100

148 68.6 52.2 78.2

111 46.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.24 ng

RT: 8.60 min Scan# 852

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

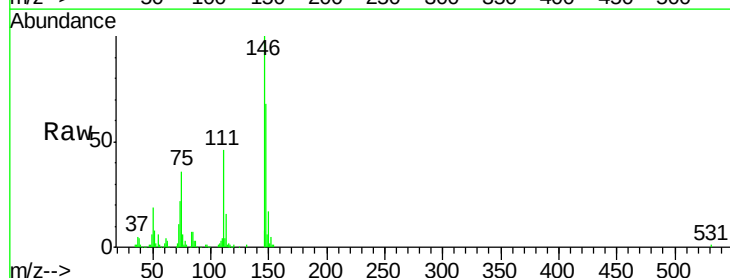
Tgt Ion:146 Resp: 115825

Ion Ratio Lower Upper

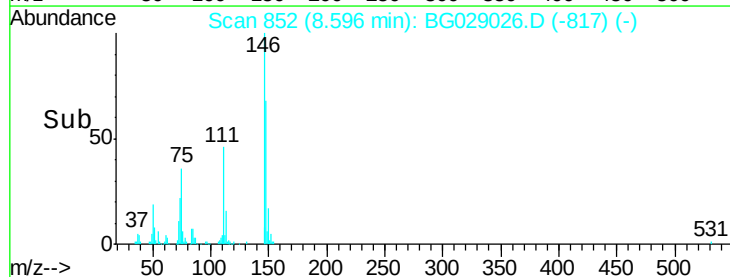
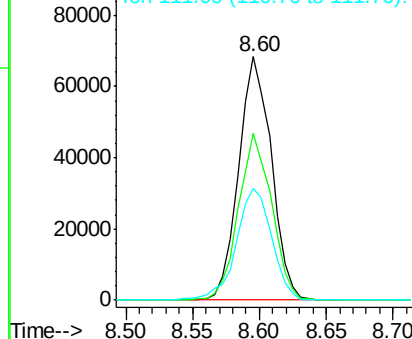
146 100

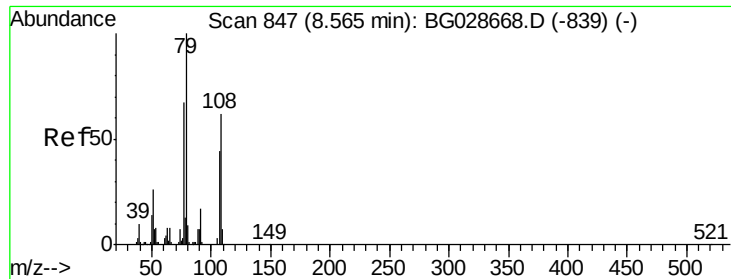
148 68.5 54.6 81.8

111 46.1 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

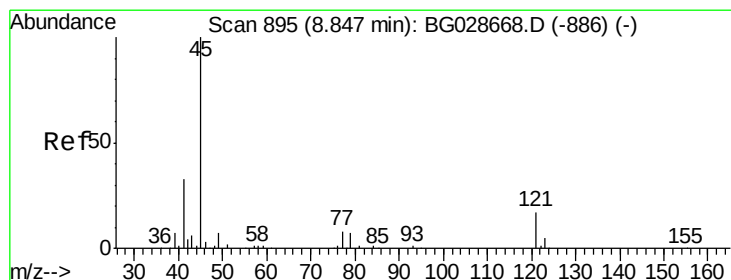
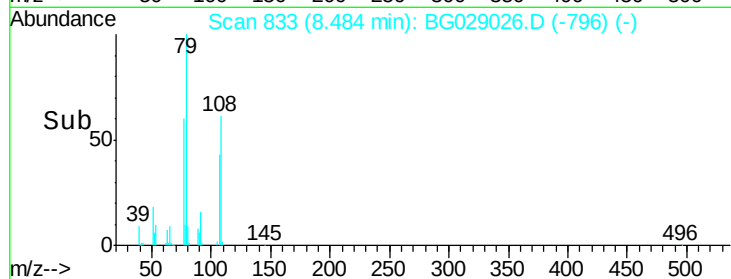
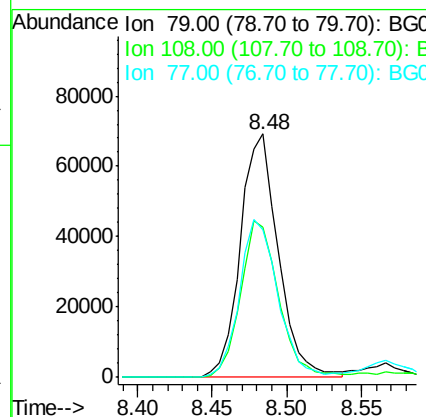
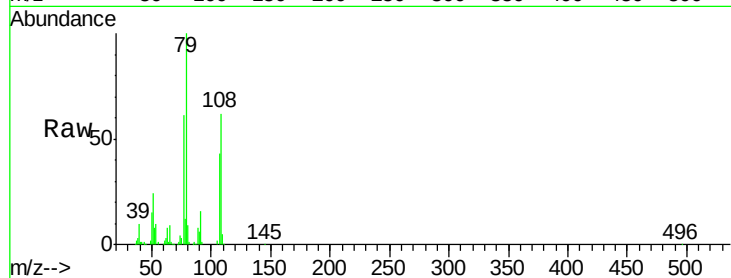




#15
Benzyl Alcohol
Concen: 22.18 ng
RT: 8.48 min Scan# 833
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

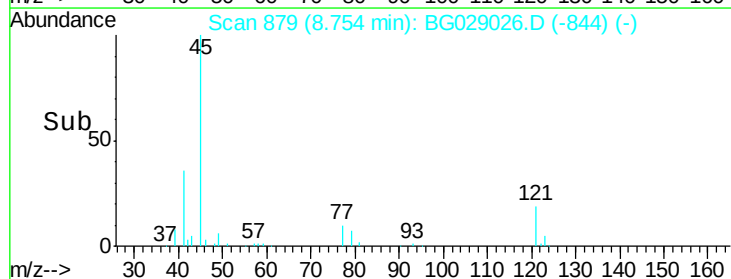
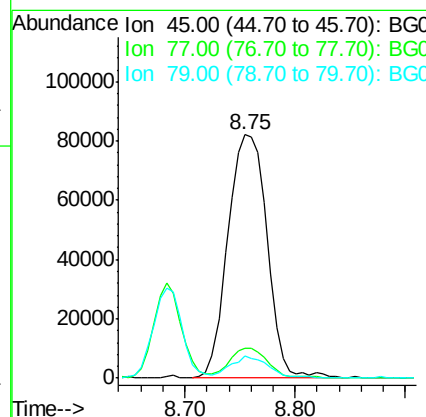
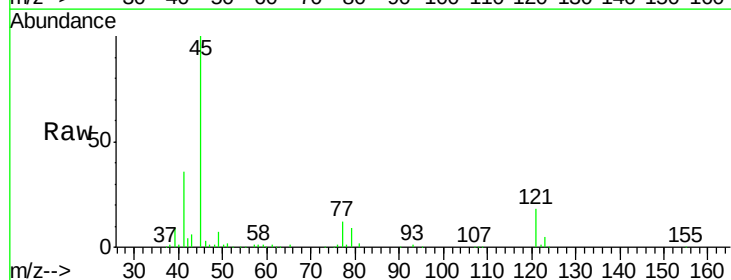
Instrument :
BNA_G
ClientSampleId :

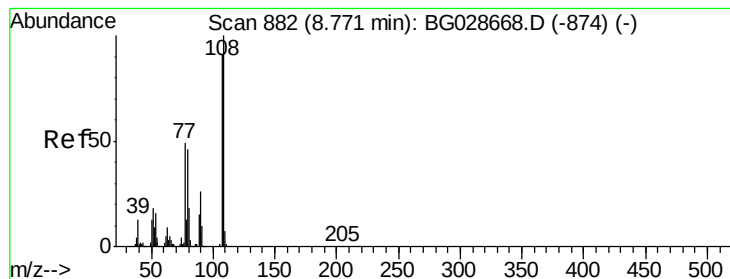
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.8	45.5	68.3
77	60.9	54.3	81.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.95 ng
RT: 8.75 min Scan# 879
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	30.6
79	9.2	0.0	28.5





#17

2-Methylphenol

Concen: 20.82 ng

RT: 8.68 min Scan# 867

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 101434

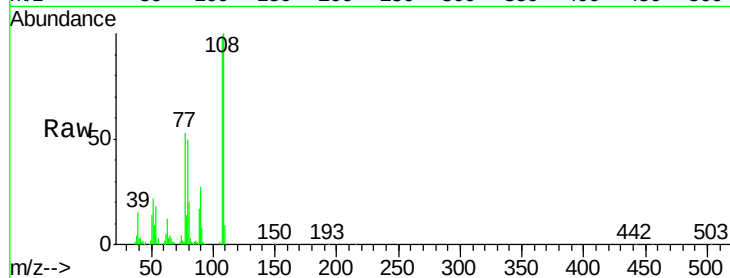
Ion Ratio Lower Upper

107 100

108 101.3 85.6 128.4

77 54.0 51.4 77.2

79 50.9 49.2 73.8

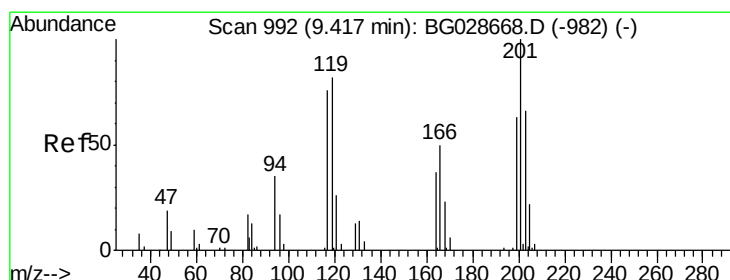
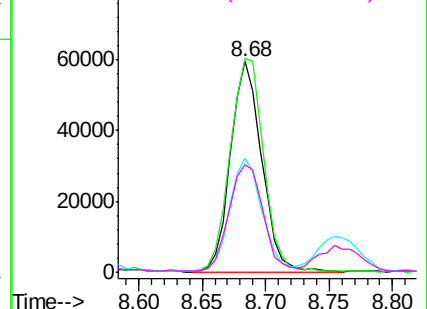
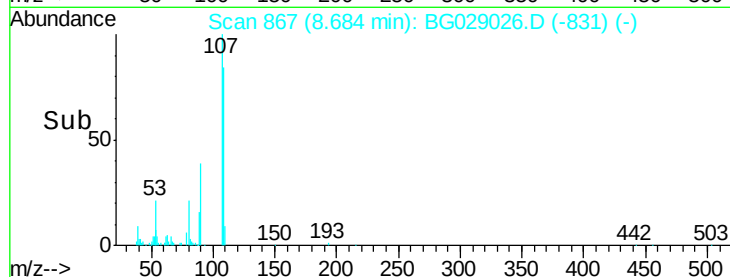


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.20 ng

RT: 9.32 min Scan# 976

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

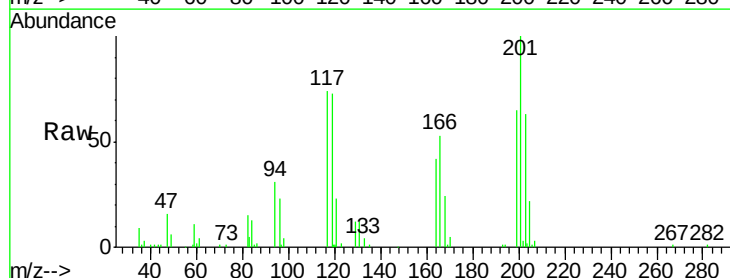
Tgt Ion:117 Resp: 45014

Ion Ratio Lower Upper

117 100

119 98.6 69.8 104.6

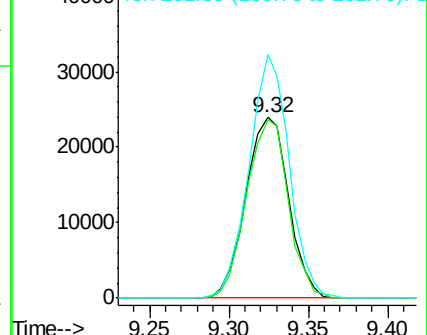
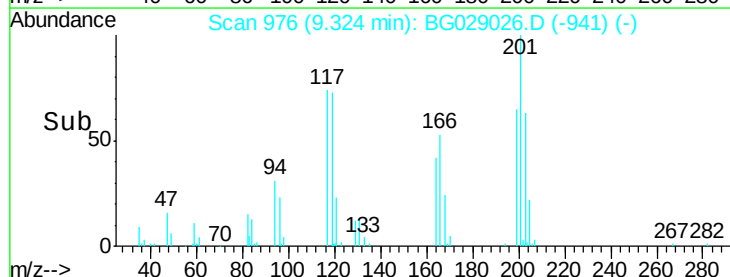
201 134.6 95.4 143.0

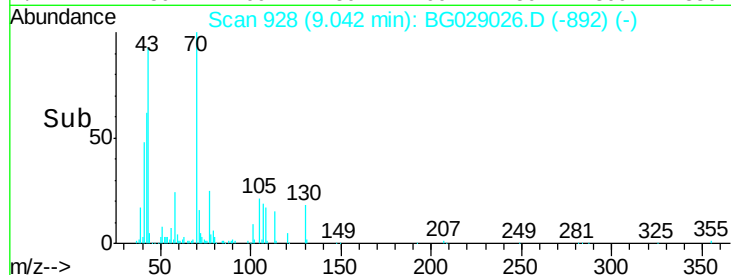
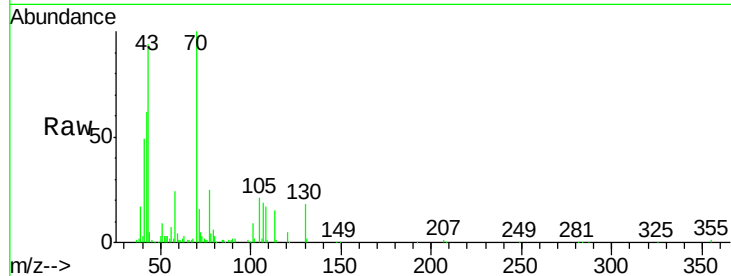
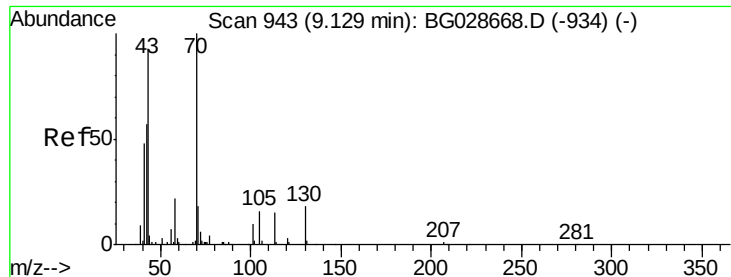


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

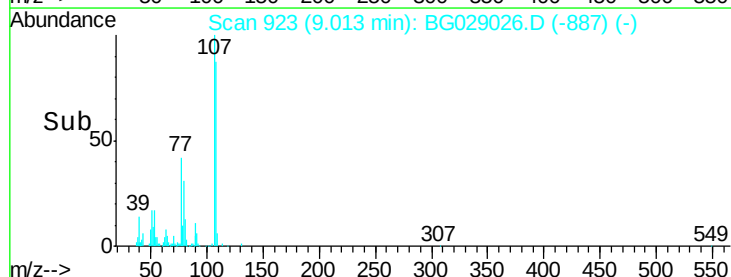
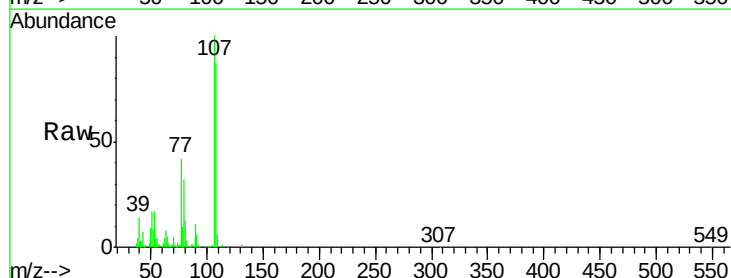
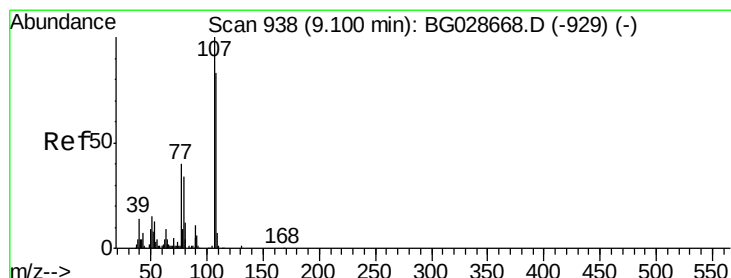
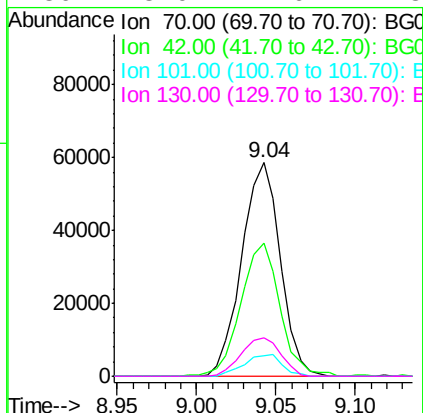




#19
n-Nitroso-di-n-propylamine
Concen: 19.76 ng
RT: 9.04 min Scan# 928
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

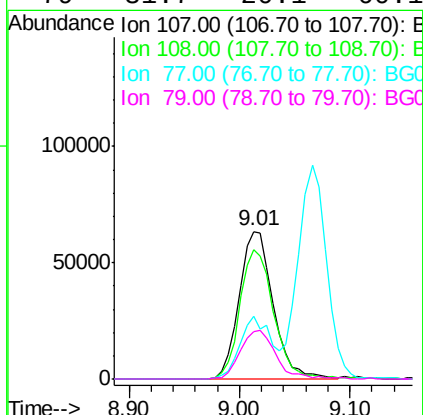
Instrument :
BNA_G
ClientSampleId :

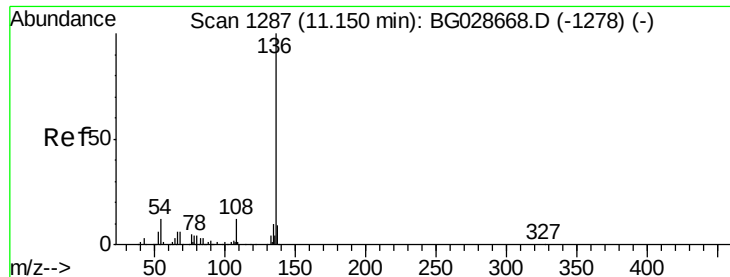
Tot Ion:	70	Resp:	98947
Ion	Ratio	Lower	Upper
70	100		
42	62.4	56.1	84.1
101	9.4	7.5	11.3
130	18.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 20.17 ng
RT: 9.01 min Scan# 923
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:	107	Resp:	137497
Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.8	110.8
77	42.4	25.8	65.8
79	31.7	20.1	60.1

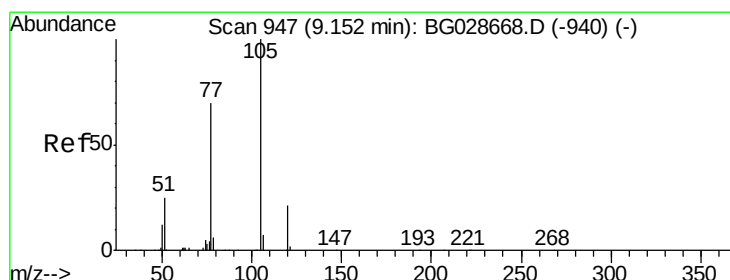
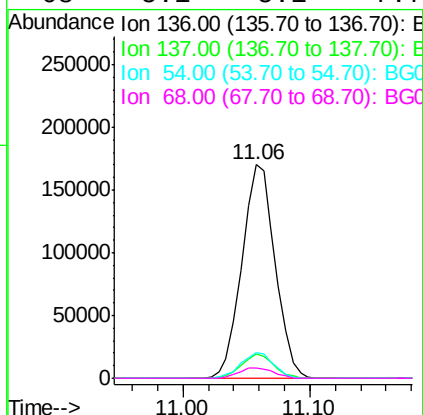
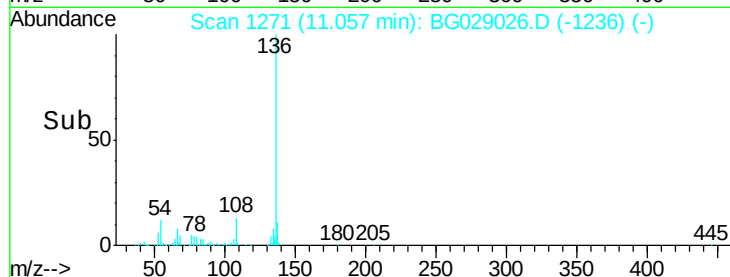
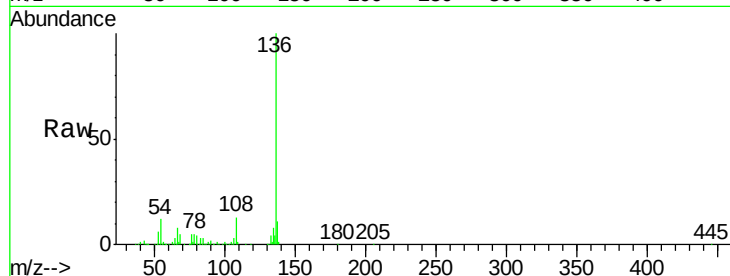




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

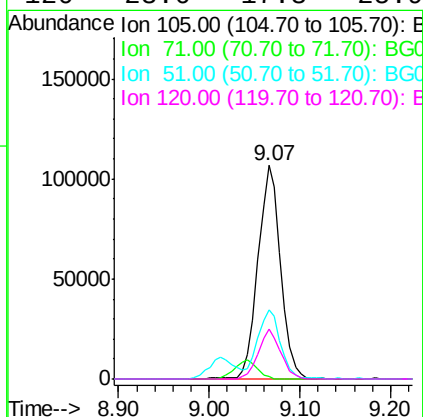
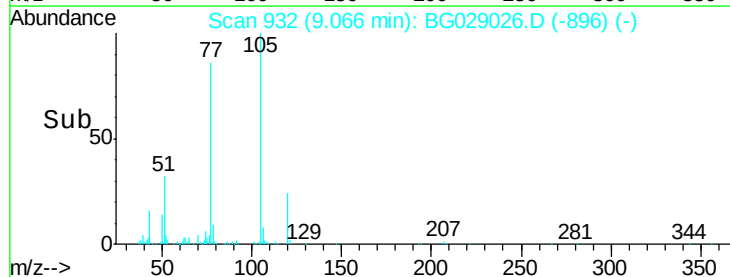
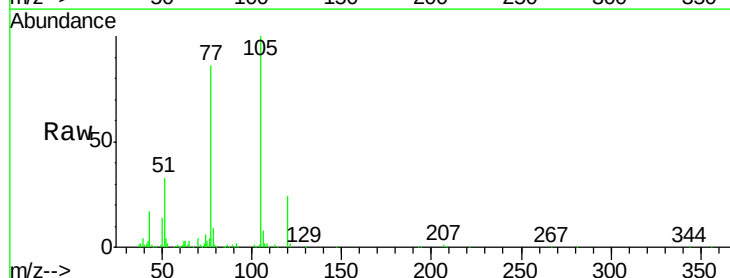
Instrument :
BNA_G
ClientSampled :

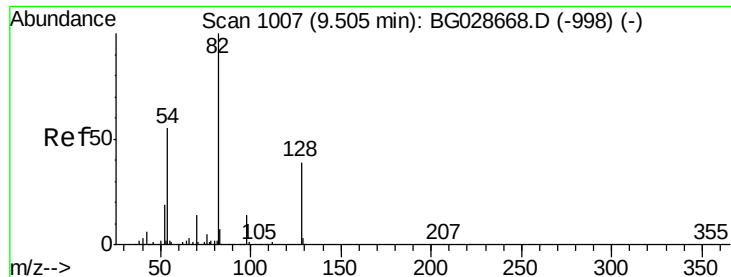
Tot Ion:136	Resp:	309143
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	11.9	9.3 13.9
68	5.1	5.1 7.7#



#22
Acetophenone
Concen: 20.38 ng
RT: 9.07 min Scan# 932
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:105	Resp:	184234
Ion	Ratio	Lower Upper
105	100	
71	1.1	0.9 1.3
51	32.5	34.0 51.0#
120	23.6	17.3 25.9

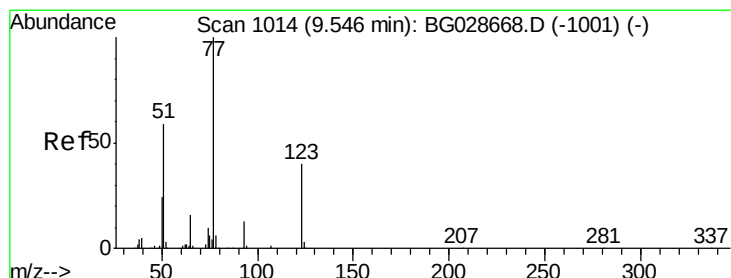
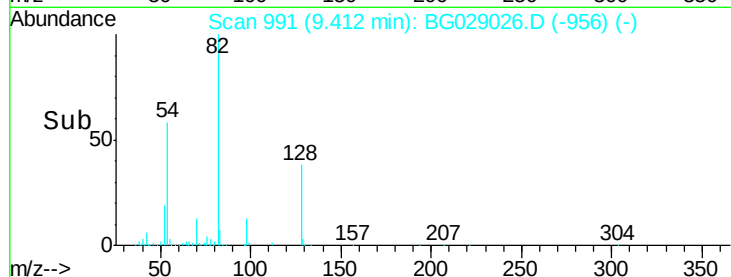
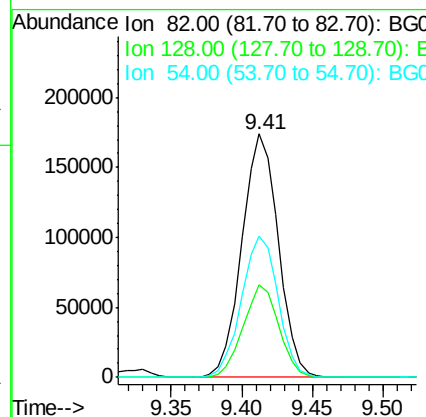
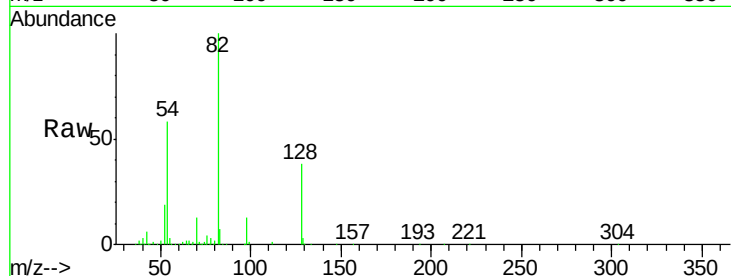




#23
 Nitrobenzene-d5
 Concen: 48.69 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

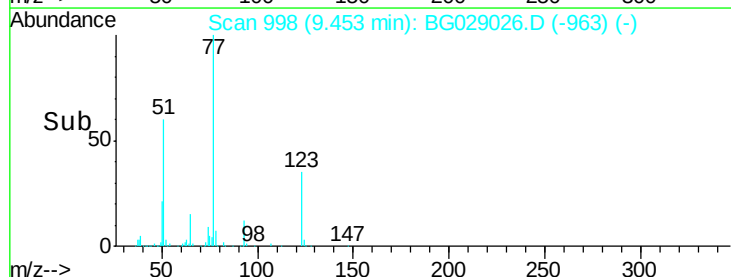
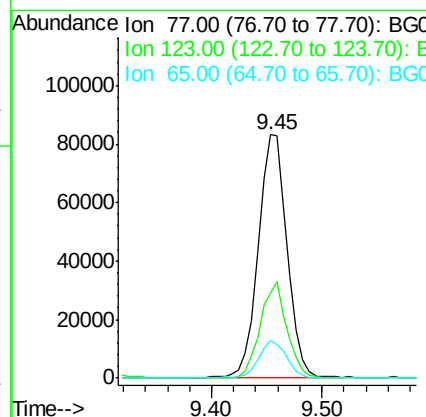
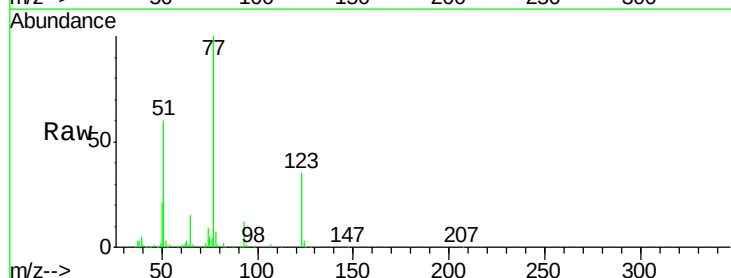
Instrument :
 BNA_G
 ClientSampleId :

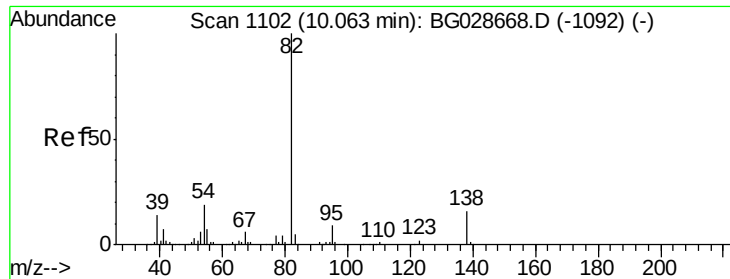
Tot Ion: 82 Resp: 314621
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.4 39.6
 54 58.1 49.4 74.2



#24
 Nitrobenzene
 Concen: 21.34 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.09 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion: 77 Resp: 152700
 Ion Ratio Lower Upper
 77 100
 123 35.0 26.1 39.1
 65 15.4 12.4 18.6





#25

Isophorone

Concen: 20.96 ng

RT: 9.97 min Scan# 1086

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

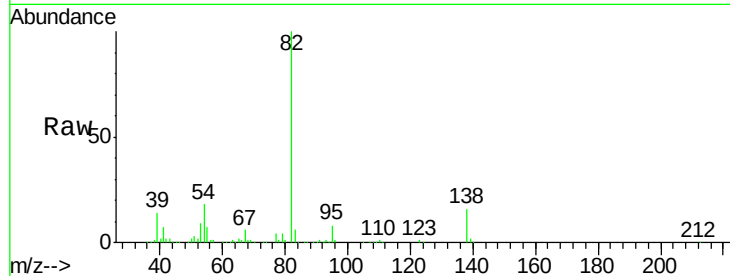
Tot Ion: 82 Resp: 274066

Ion Ratio Lower Upper

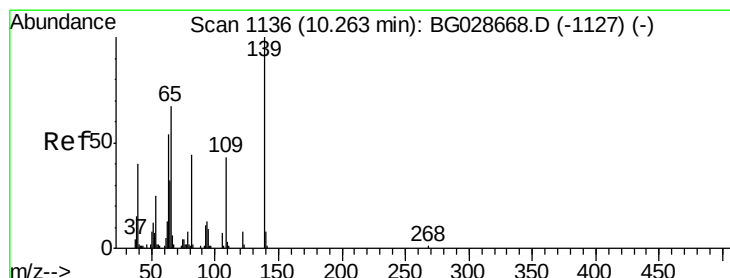
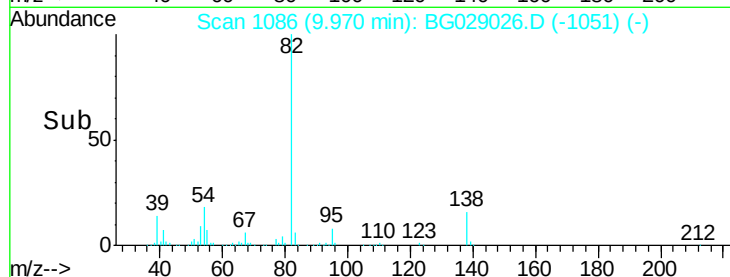
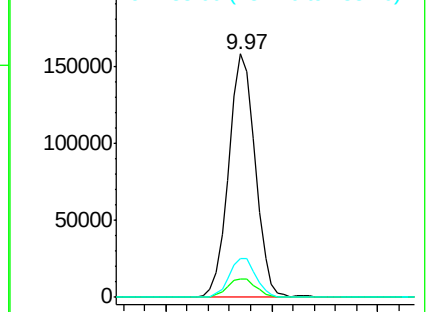
82 100

95 7.7 7.5 11.3

138 15.8 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 20.36 ng

RT: 10.17 min Scan# 1120

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

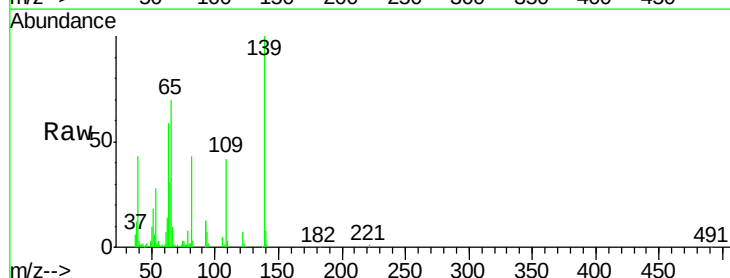
Tgt Ion: 139 Resp: 61995

Ion Ratio Lower Upper

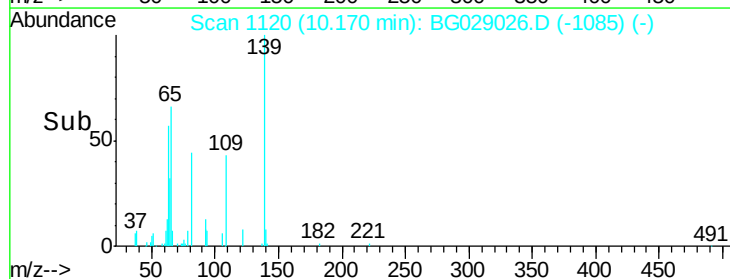
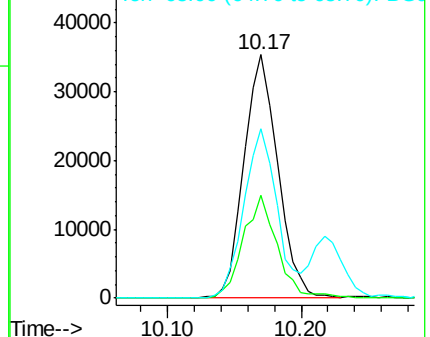
139 100

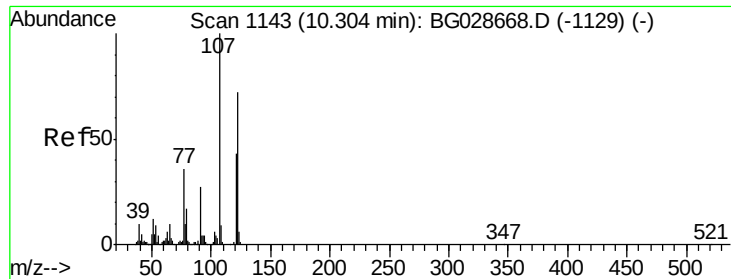
109 42.2 38.6 58.0

65 69.6 57.1 85.7



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

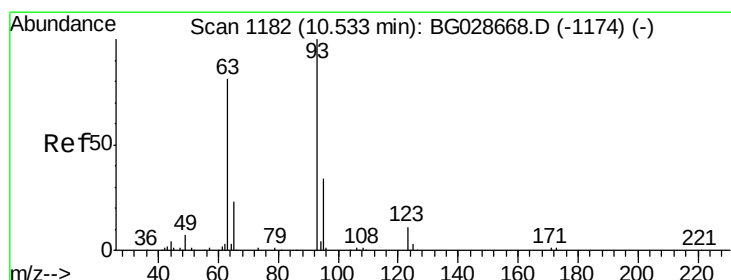
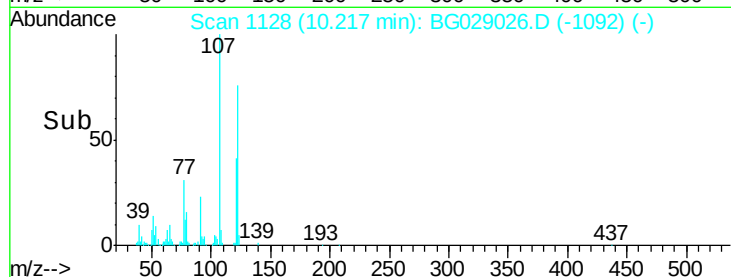
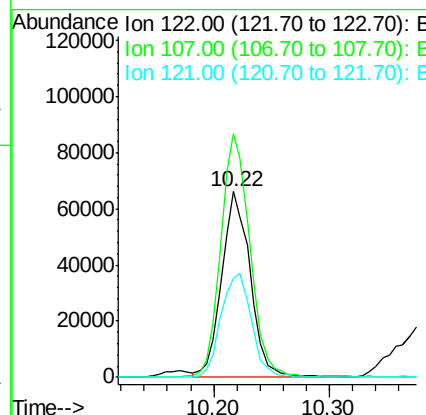
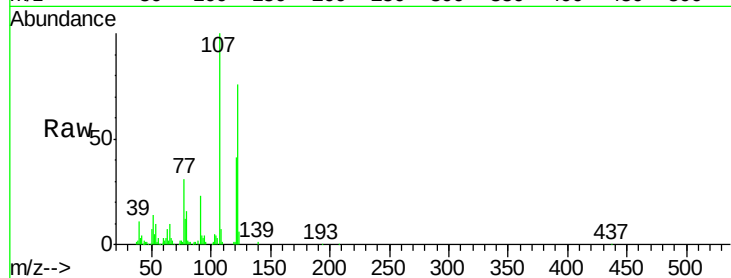




#27
2,4-Dimethylphenol
Concen: 20.15 ng
RT: 10.22 min Scan# 1128
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

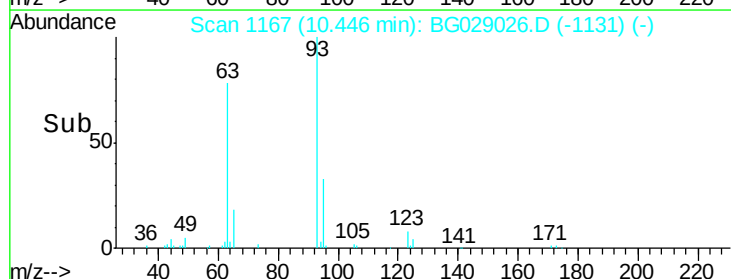
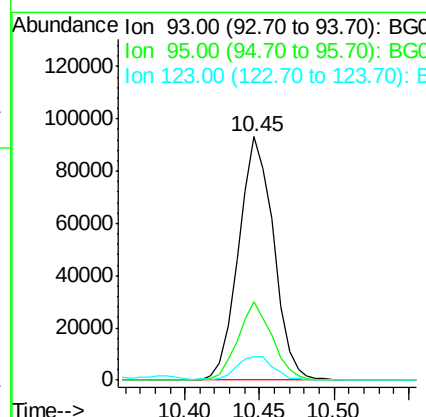
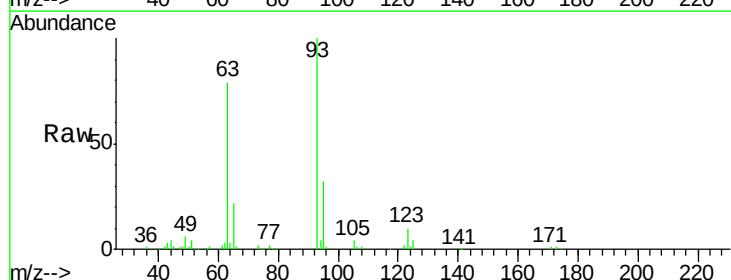
Instrument :
BNA_G
ClientSampleId :

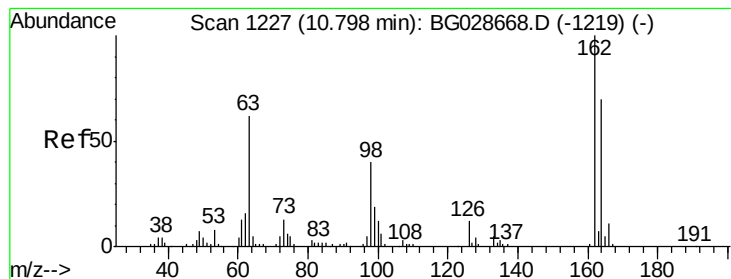
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.3	104.2	156.4
121	53.7	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 21.36 ng
RT: 10.45 min Scan# 1167
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	9.8	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 22.02 ng

RT: 10.72 min Scan# 1213

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

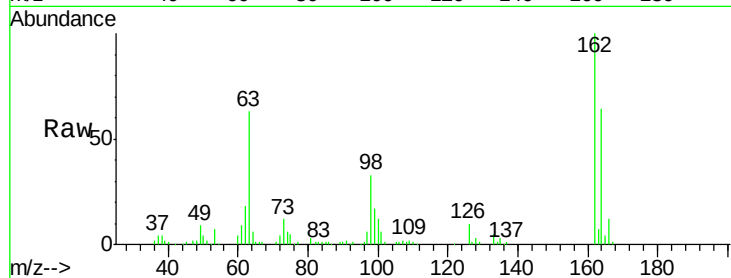
Tot Ion:162 Resp: 121957

Ion Ratio Lower Upper

162 100

164 64.4 42.4 82.4

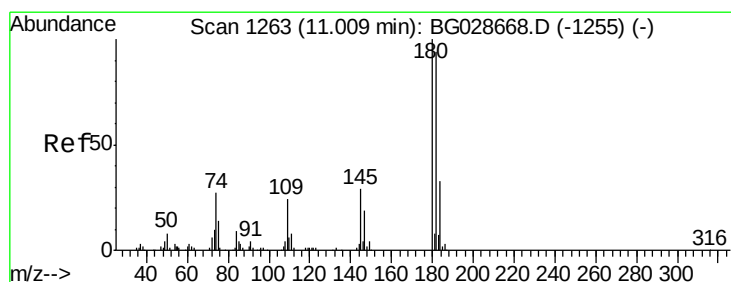
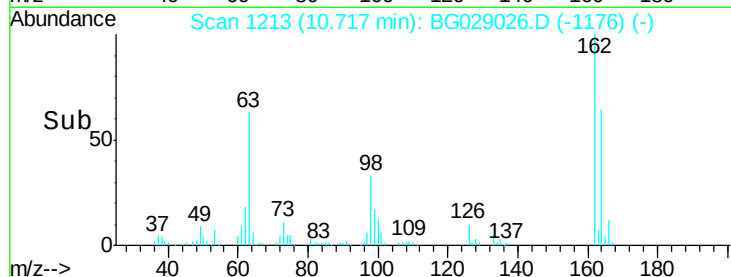
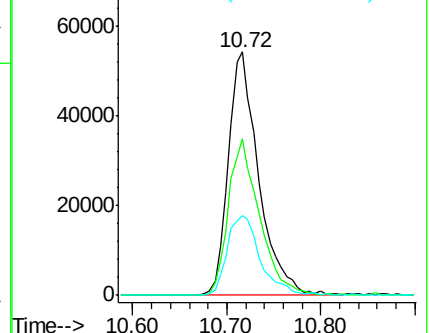
98 32.7 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.98 ng

RT: 10.92 min Scan# 1247

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

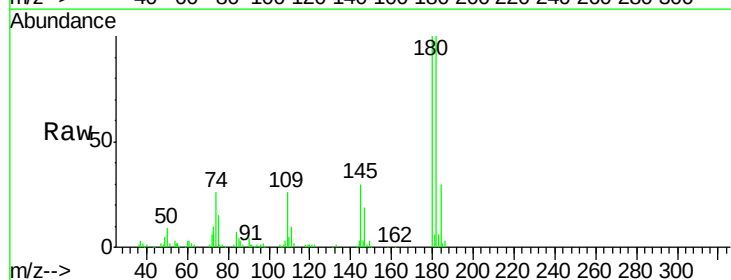
Tgt Ion:180 Resp: 132562

Ion Ratio Lower Upper

180 100

182 100.4 77.0 115.4

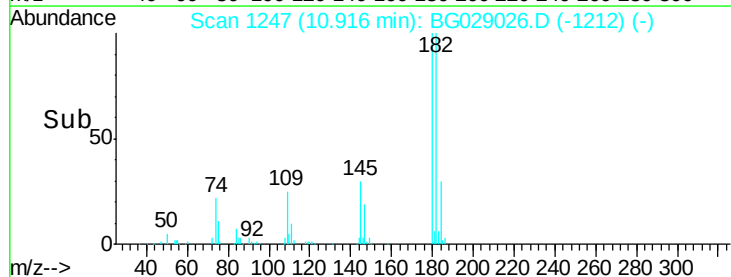
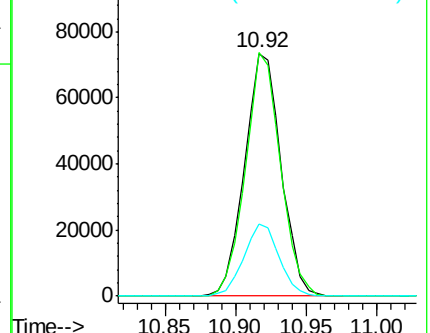
145 29.8 23.4 35.0

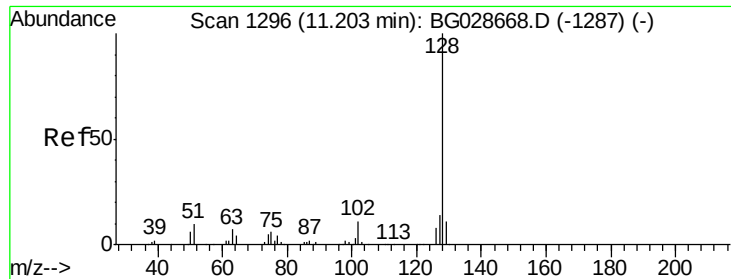


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

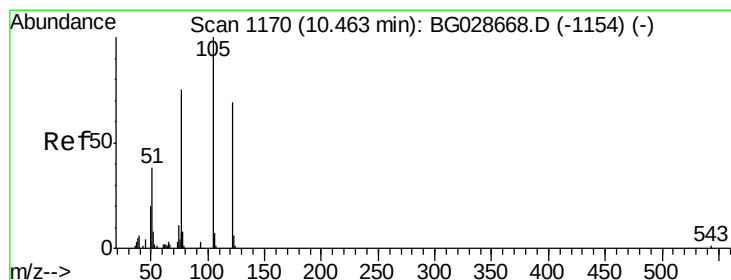
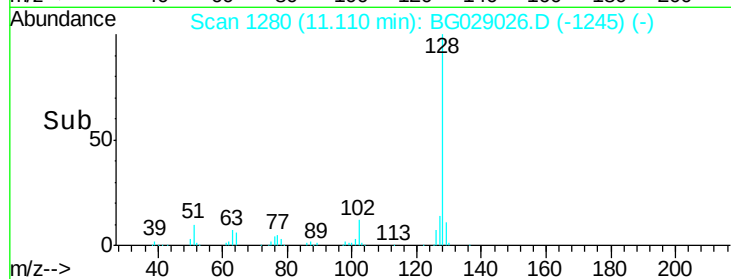
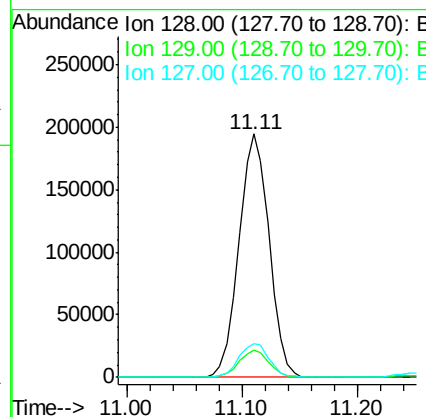
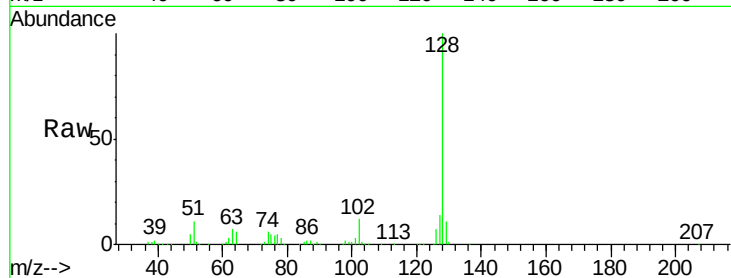




#31
Naphthalene
Concen: 21.73 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

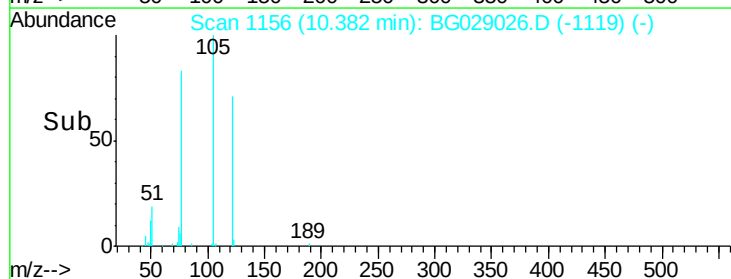
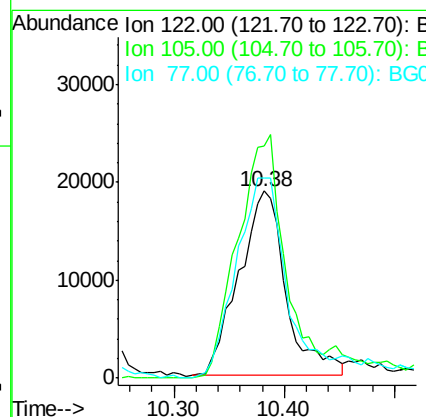
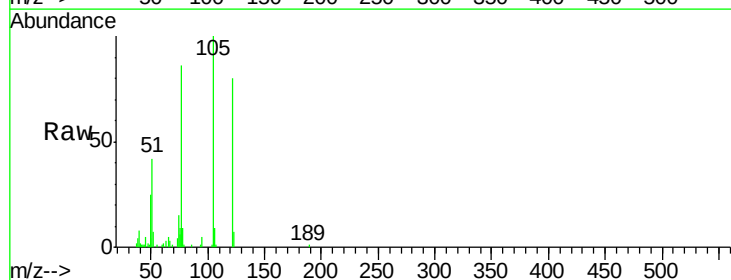
Instrument :
BNA_G
ClientSampleId :

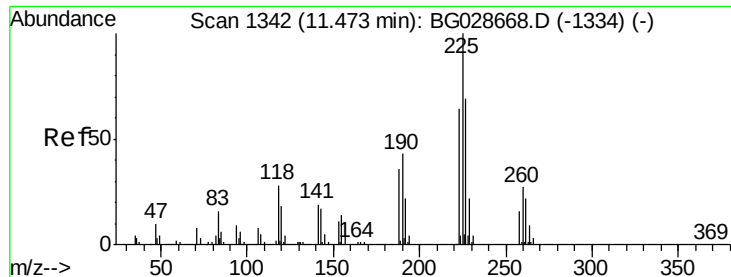
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	14.0	11.4	17.0



#32
Benzoic acid
Concen: 18.40 ng
RT: 10.38 min Scan# 1156
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	120.1	160.1
77	107.3	104.6	144.6





#34

Hexachlorobutadiene

Concen: 20.01 ng

RT: 11.38 min Scan# 1326

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

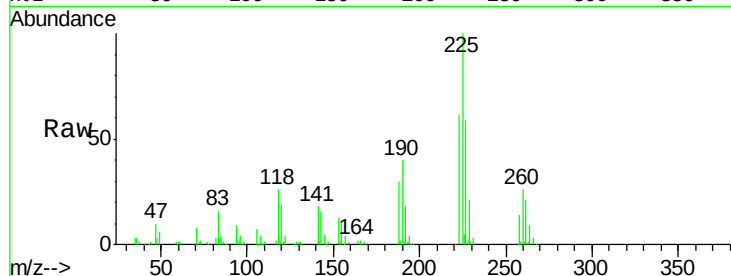
Tot Ion:225 Resp: 93130

Ion Ratio Lower Upper

225 100

223 61.1 50.7 76.1

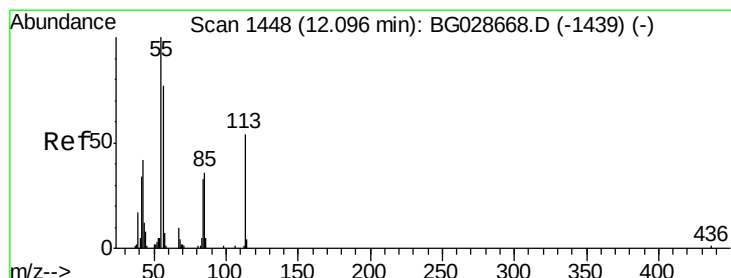
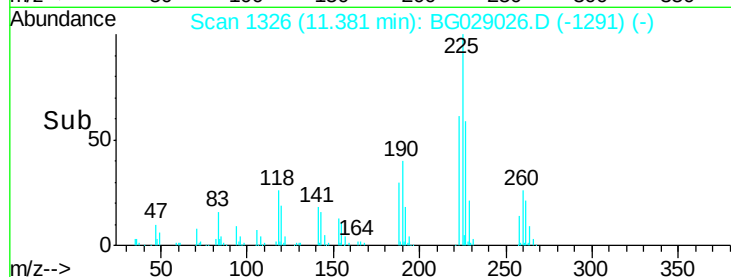
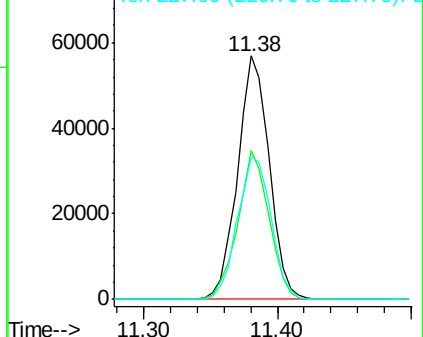
227 58.7 49.0 73.6



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: 8.66 ng

RT: 12.01 min Scan# 1433

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

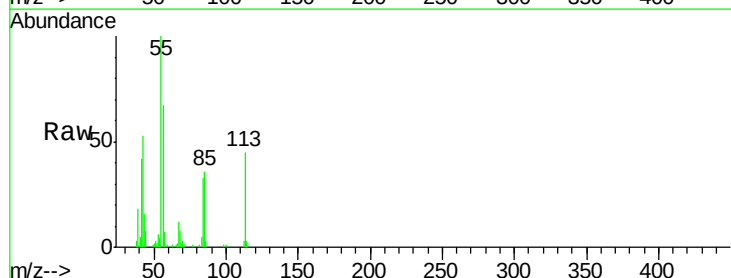
Tgt Ion:113 Resp: 17193

Ion Ratio Lower Upper

113 100

55 224.0 198.6 238.6

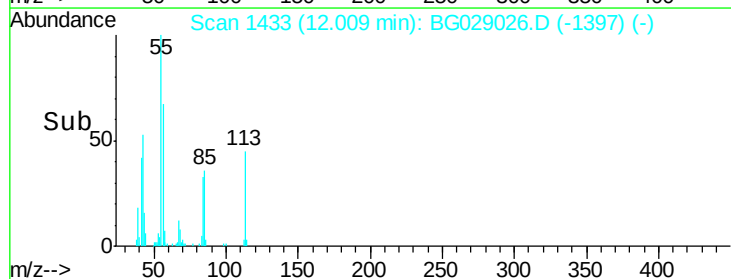
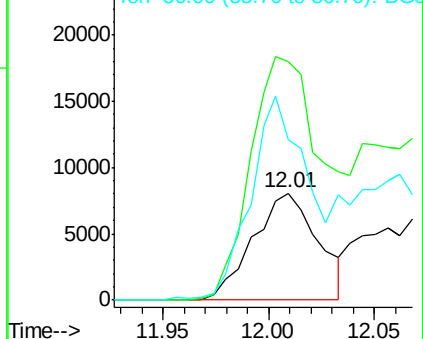
56 150.7 140.4 180.4

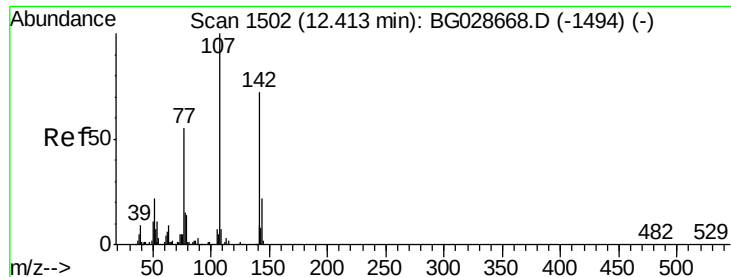


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

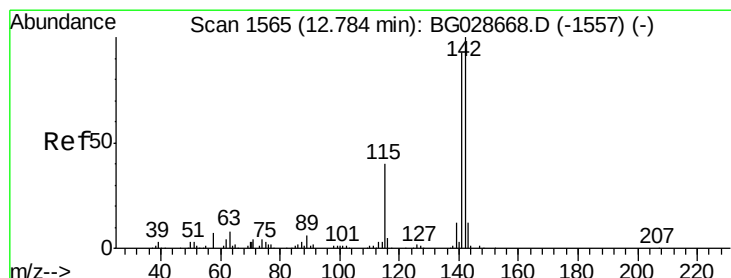
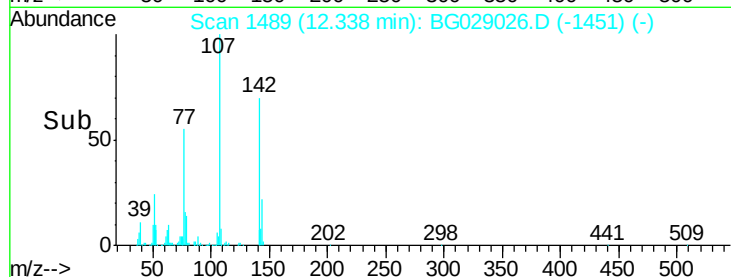
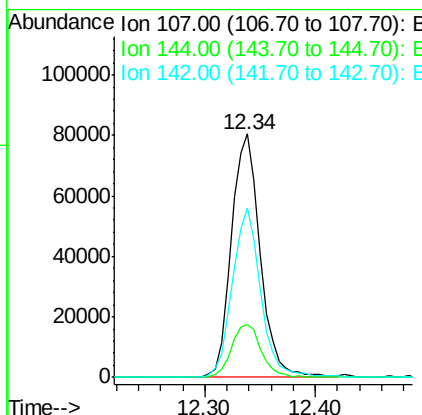
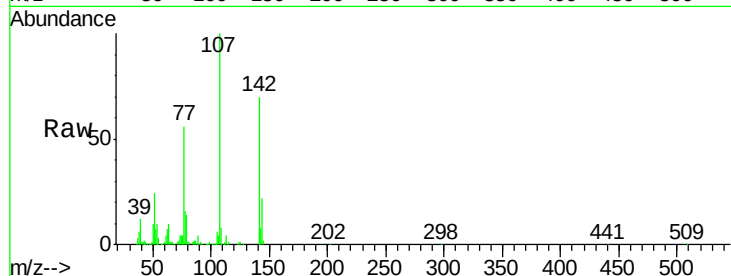




#36
4-Chloro-3-methylphenol
Concen: 20.50 ng
RT: 12.34 min Scan# 1489
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

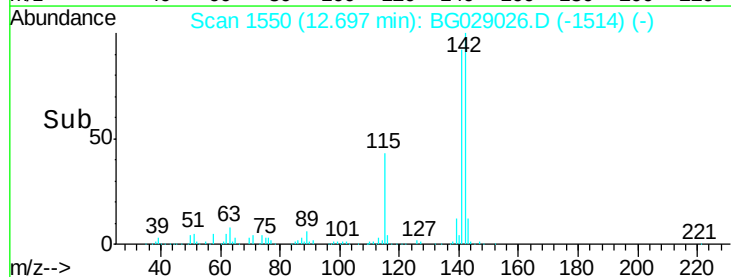
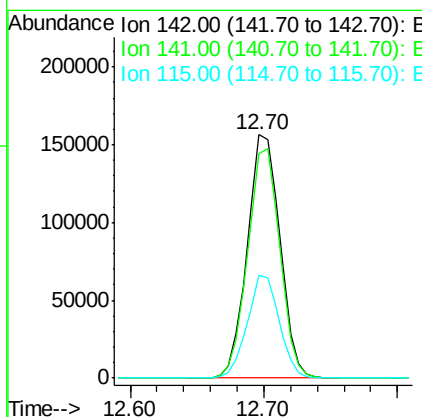
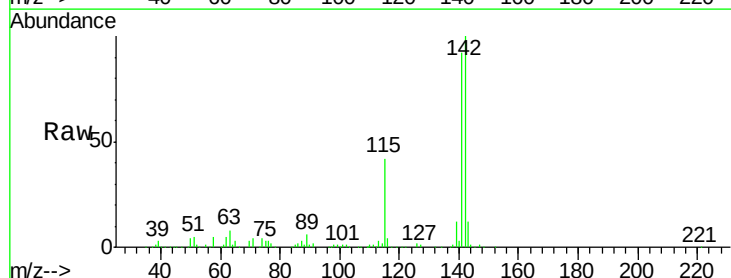
Instrument :
BNA_G
ClientSampleId :

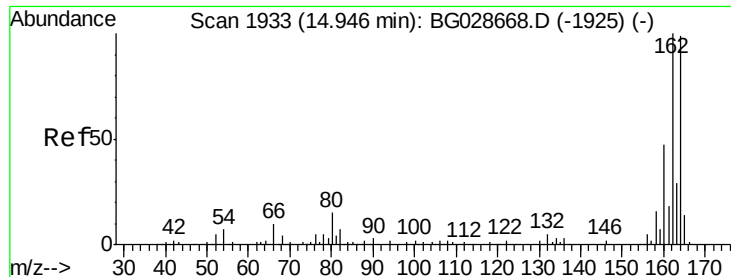
Tot Ion:107 Resp: 147777
Ion Ratio Lower Upper
107 100
144 21.9 17.4 26.0
142 69.6 54.1 81.1



#37
2-Methylnaphthalene
Concen: 21.95 ng
RT: 12.70 min Scan# 1550
Delta R.T. -0.09 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:142 Resp: 264573
Ion Ratio Lower Upper
142 100
141 92.1 70.4 105.6
115 42.5 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

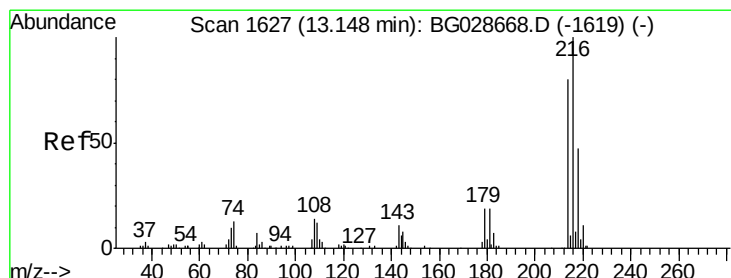
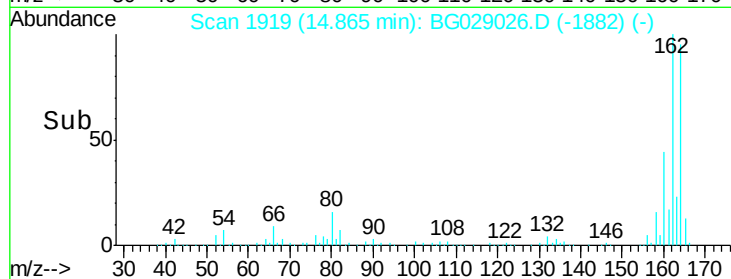
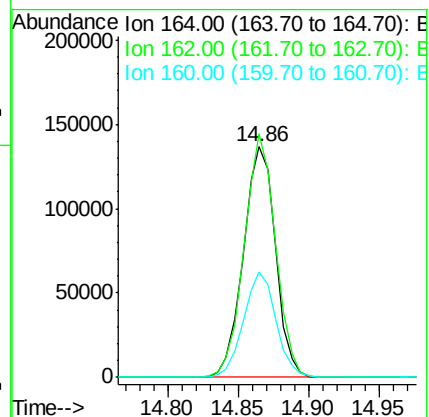
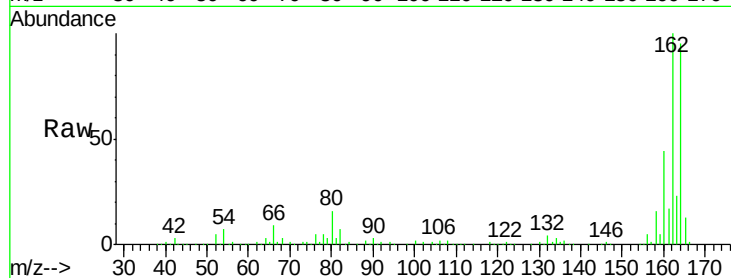
Tot Ion:164 Resp: 217730

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

160 46.0 34.7 52.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.75 ng

RT: 13.07 min Scan# 1613

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Tgt Ion:216 Resp: 176826

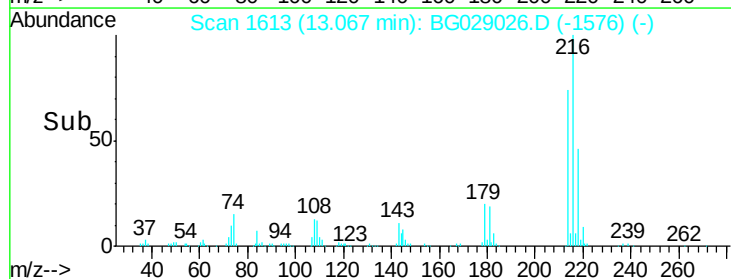
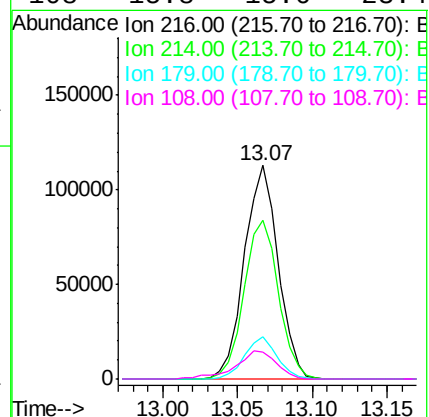
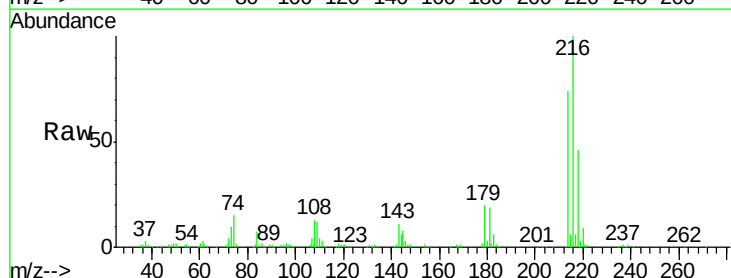
Ion Ratio Lower Upper

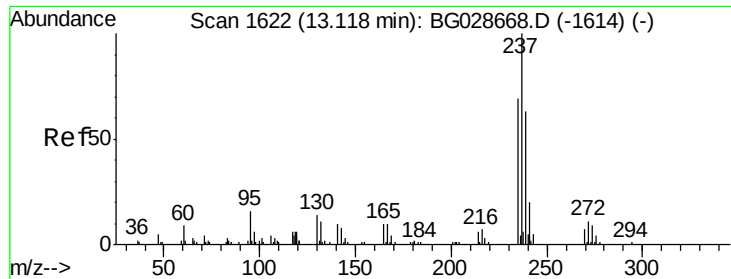
216 100

214 75.6 64.4 96.6

179 18.8 17.4 26.0

108 15.8 15.6 23.4

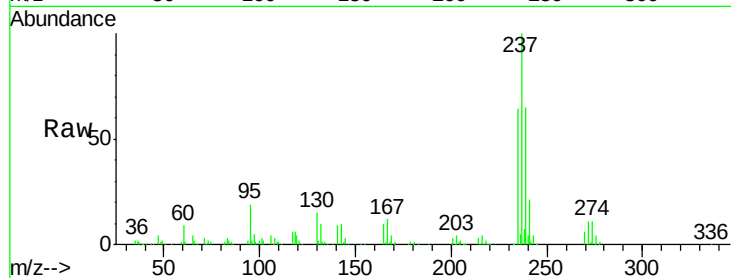




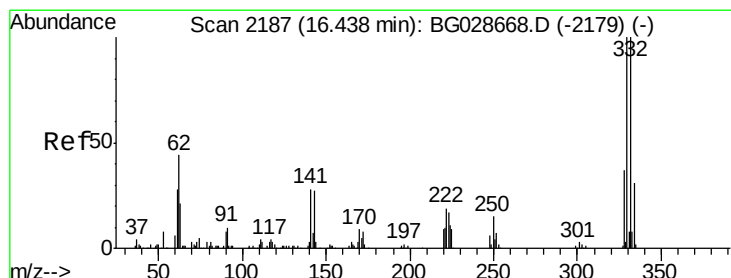
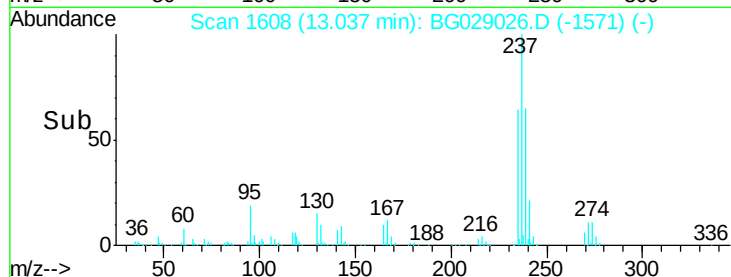
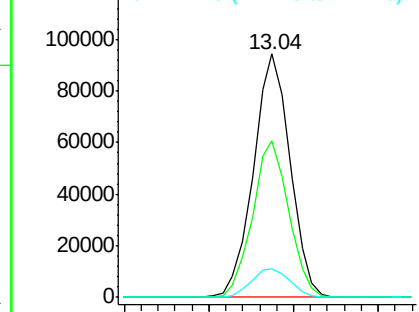
#40
Hexachlorocyclopentadiene
Concen: 44.65 ng
RT: 13.04 min Scan# 1608
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 142368
Ion Ratio Lower Upper
237 100
235 64.2 39.4 79.4
272 11.5 0.0 32.0

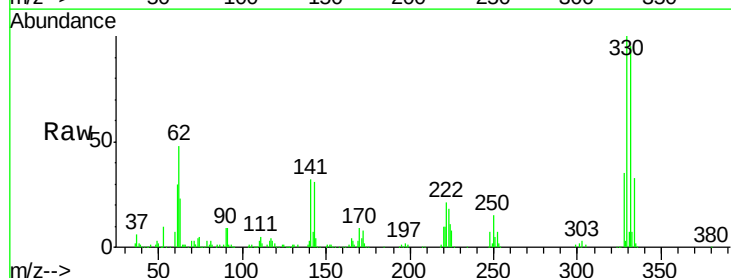


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

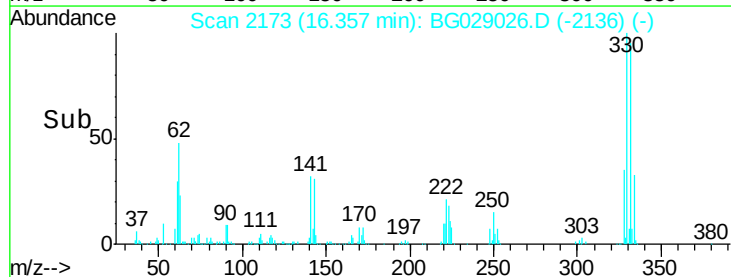
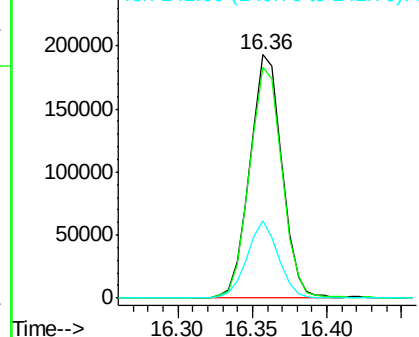


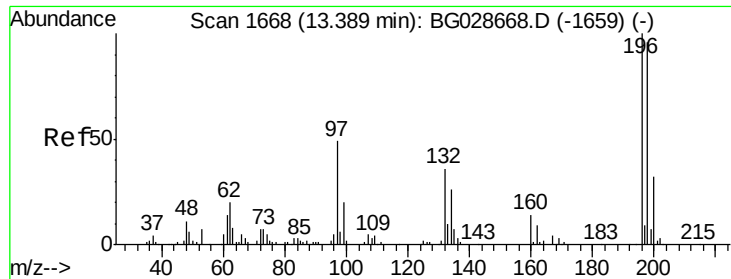
#41
2,4,6-Tribromophenol
Concen: 79.72 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:330 Resp: 287083
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.6 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

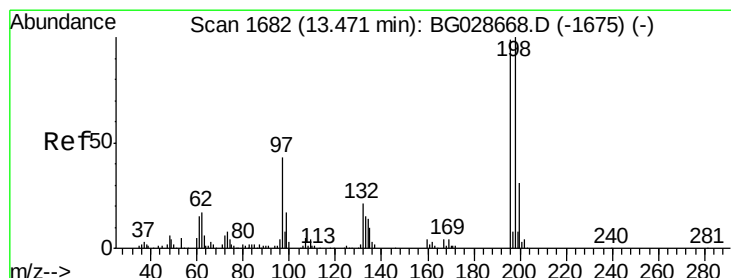
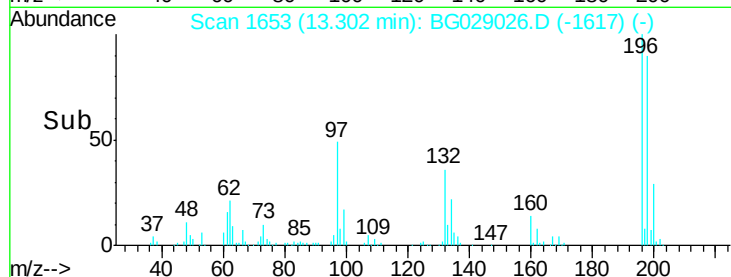
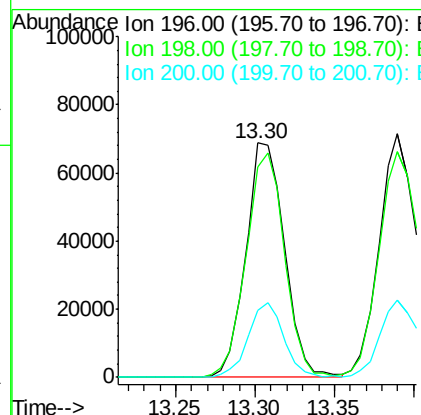
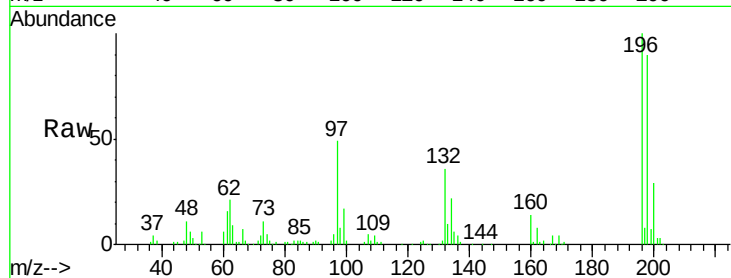




#42
 2,4,6-Trichlorophenol
 Concen: 20.51 ng
 RT: 13.30 min Scan# 1653
 Delta R.T. -0.09 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

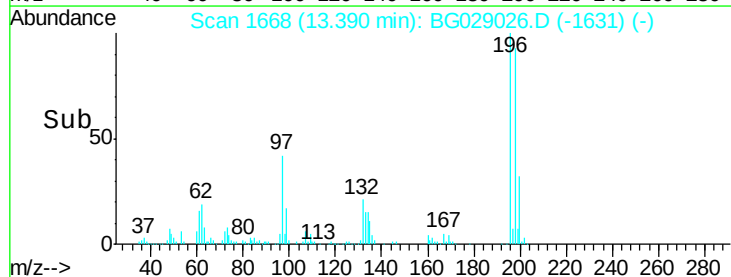
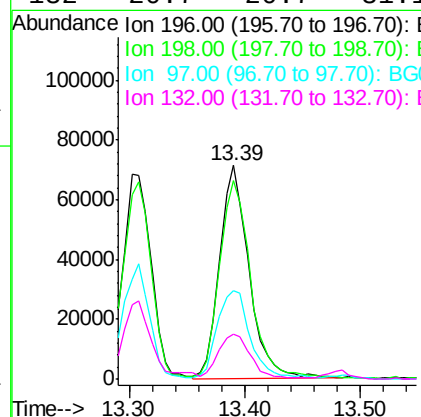
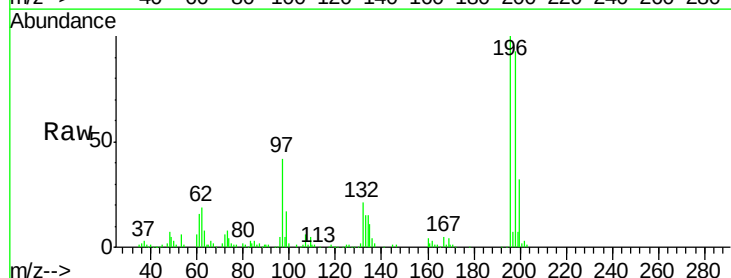
Instrument :
 BNA_G
 ClientSampled :

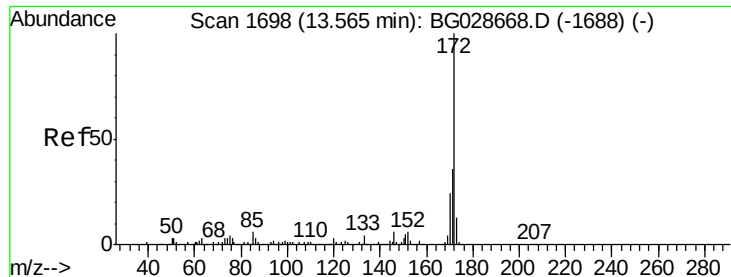
Tot Ion:196 Resp: 116527
 Ion Ratio Lower Upper
 196 100
 198 89.7 81.4 122.2
 200 28.7 27.0 40.6



#43
 2,4,5-Trichlorophenol
 Concen: 21.96 ng
 RT: 13.39 min Scan# 1668
 Delta R.T. -0.08 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion:196 Resp: 125400
 Ion Ratio Lower Upper
 196 100
 198 92.9 79.9 119.9
 97 41.5 45.4 68.0#
 132 20.7 20.7 31.1

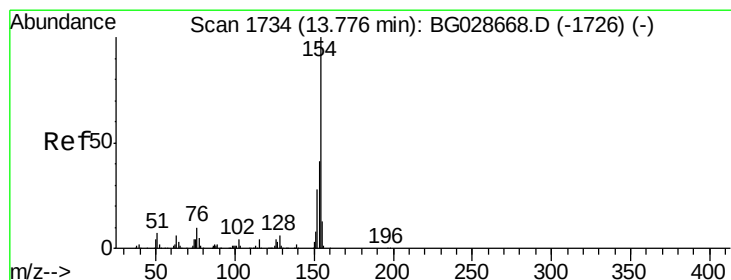
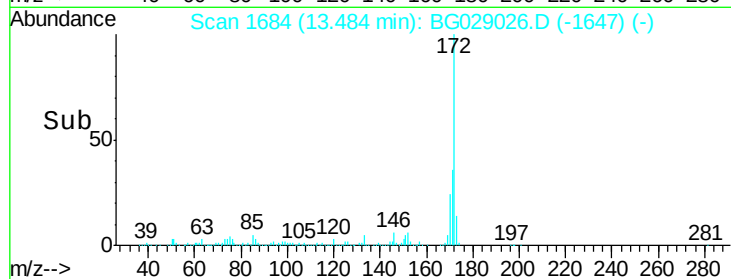
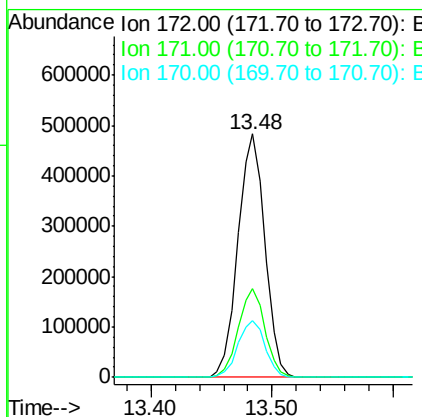
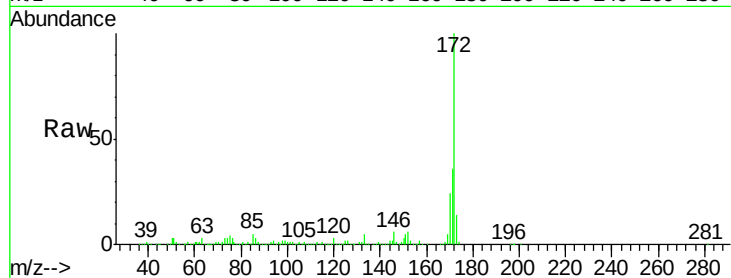




#44
 2-Fluorobiphenyl
 Concen: 46.00 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

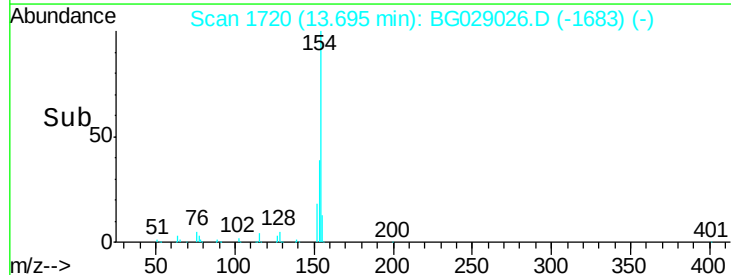
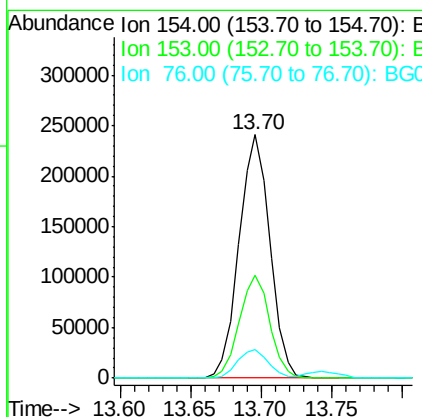
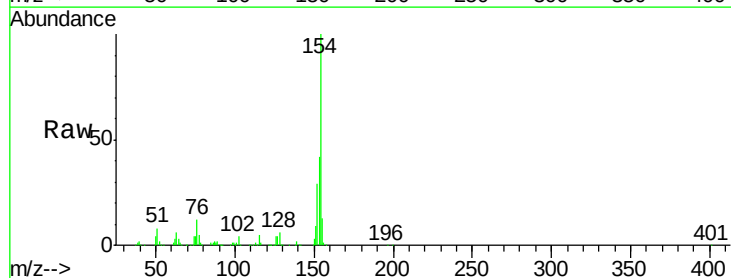
Instrument :
 BNA_G
 ClientSampleId :

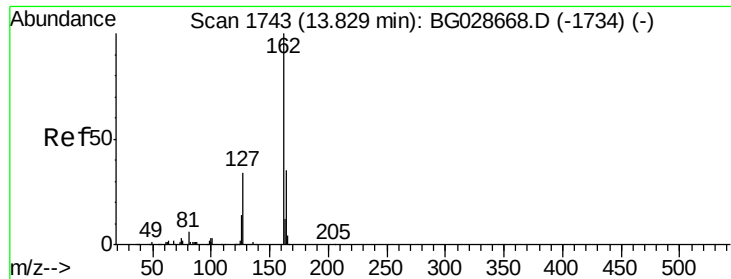
Tot Ion:172 Resp: 751146
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 23.5 21.8 32.6



#45
 1,1'-Biphenyl
 Concen: 20.41 ng
 RT: 13.70 min Scan# 1720
 Delta R.T. -0.08 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion:154 Resp: 367875
 Ion Ratio Lower Upper
 154 100
 153 42.0 23.0 63.0
 76 11.7 0.0 33.5

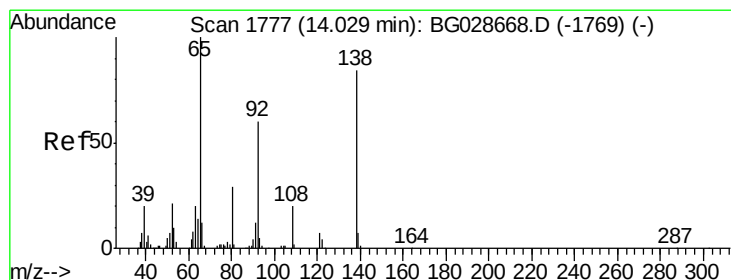
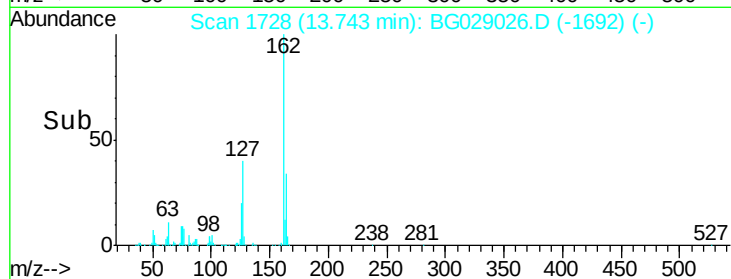
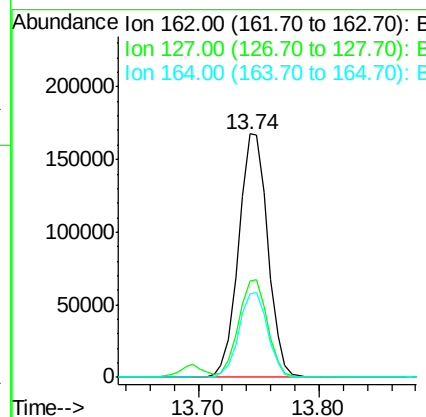
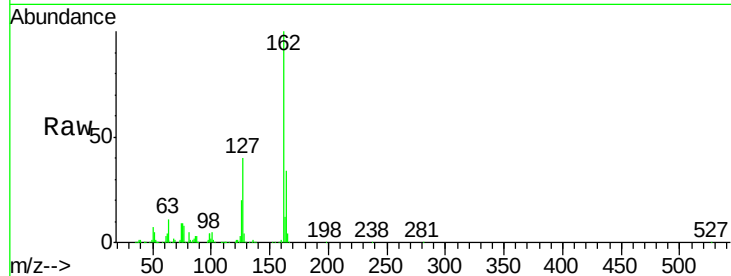




#46
 2-Chloronaphthalene
 Concen: 21.43 ng
 RT: 13.74 min Scan# 1728
 Delta R.T. -0.09 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

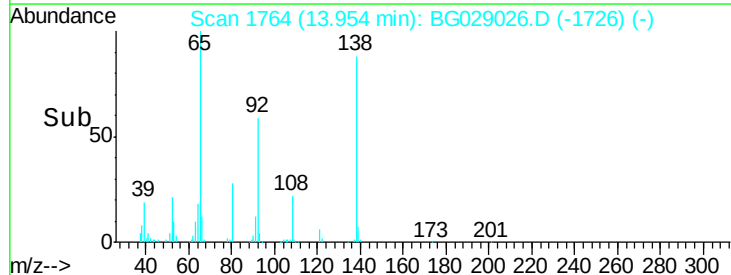
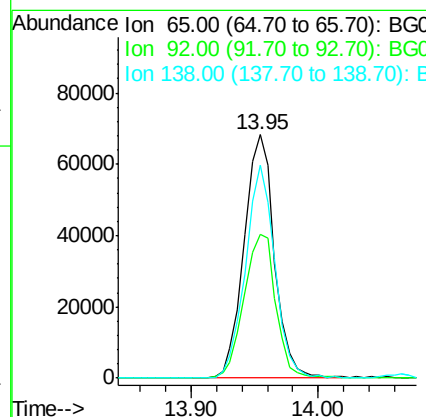
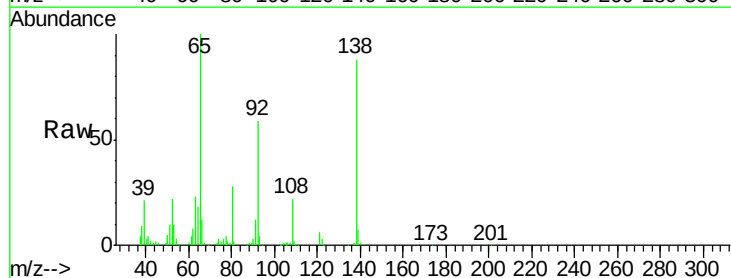
Instrument :
 BNA_G
 ClientSampled :

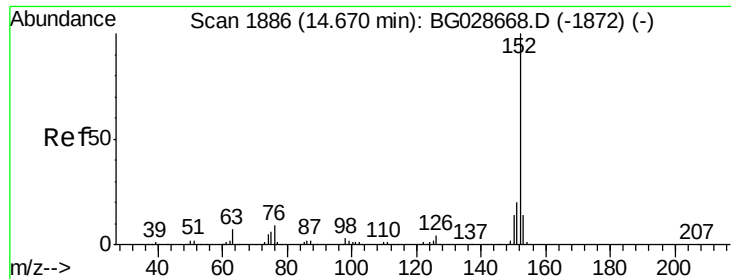
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.2	48.4
164	34.4	27.3	40.9



#47
 2-Nitroaniline
 Concen: 23.16 ng
 RT: 13.95 min Scan# 1764
 Delta R.T. -0.08 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.0	49.0	73.4
138	87.6	58.6	87.8





#48

Acenaphthylene

Concen: 22.20 ng

RT: 14.59 min Scan# 1872

Delta R.T. -0.08 min

Lab File: BG029026.D

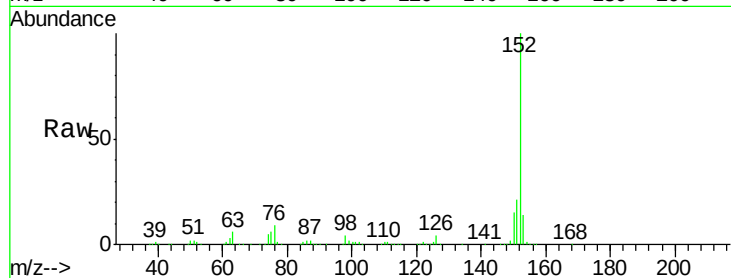
Acq: 4 Oct 2017 5:12

Instrument :

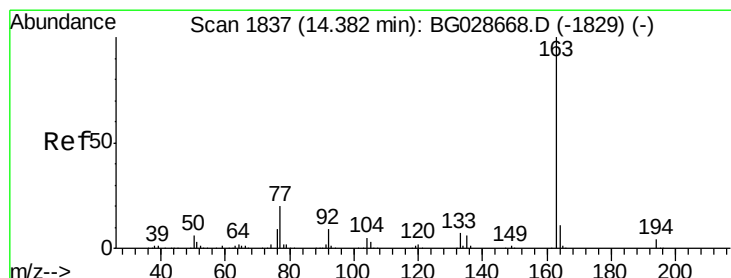
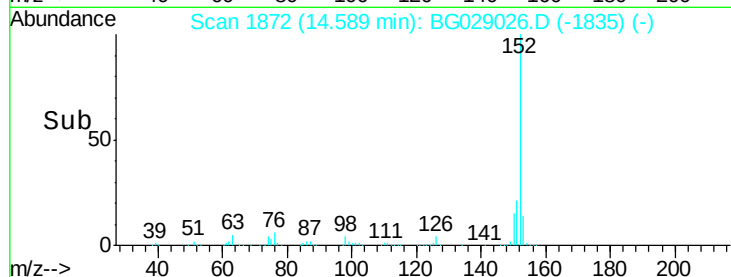
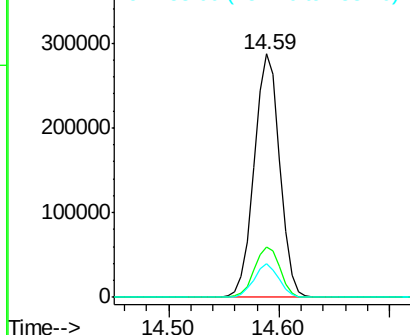
BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	466392
Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.2	27.2
153	13.8	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 22.77 ng

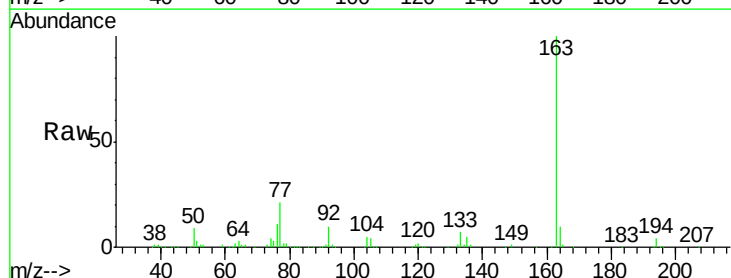
RT: 14.31 min Scan# 1825

Delta R.T. -0.07 min

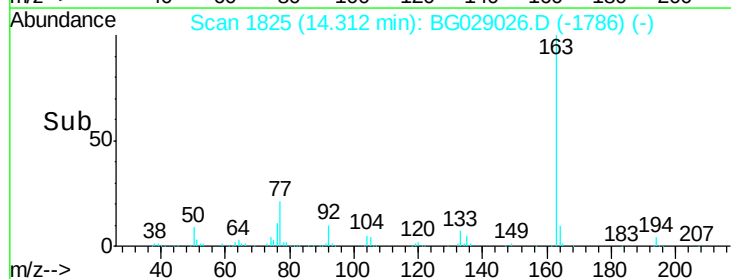
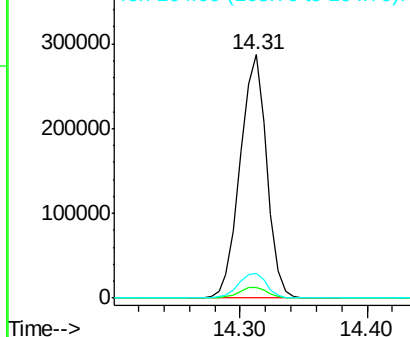
Lab File: BG029026.D

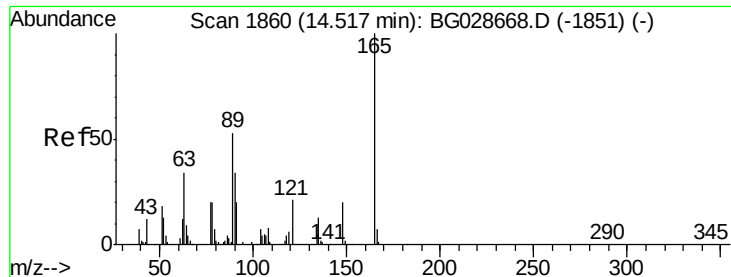
Acq: 4 Oct 2017 5:12

Tgt Ion:	163	Resp:	415763
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.2	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

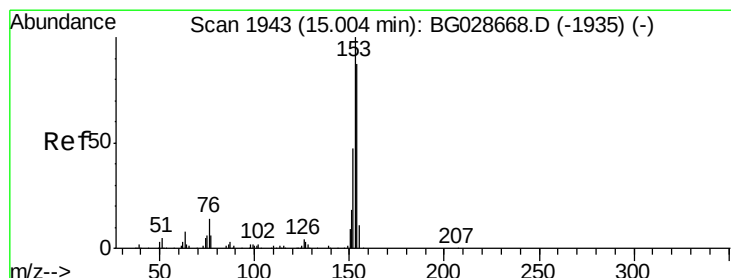
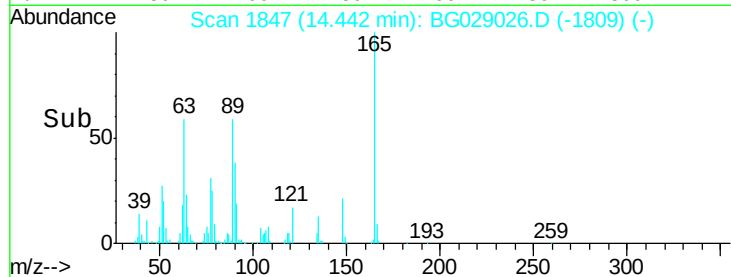
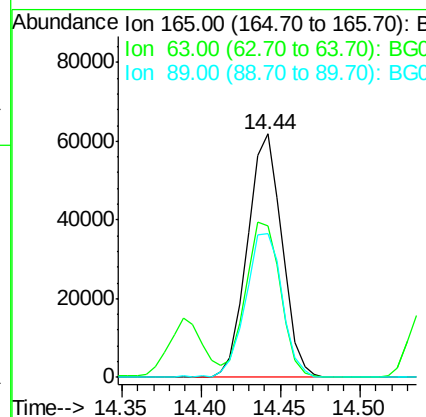
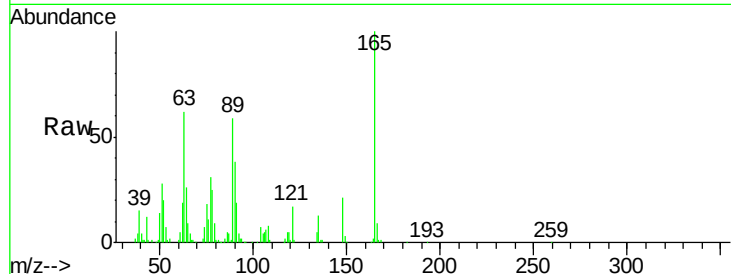




#50
2,6-Dinitrotoluene
Concen: 23.03 ng
RT: 14.44 min Scan# 1847
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

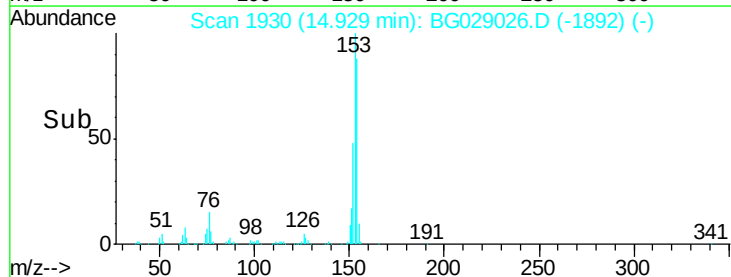
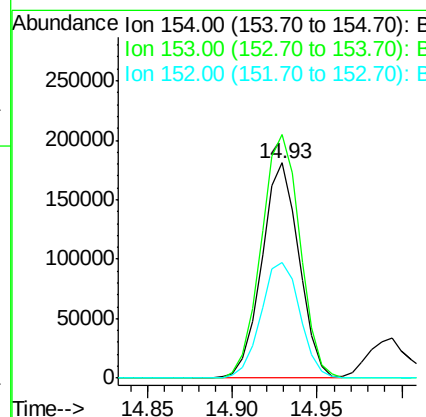
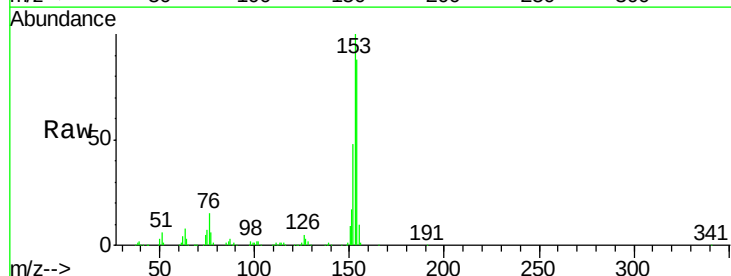
Instrument :
BNA_G
ClientSampleId :

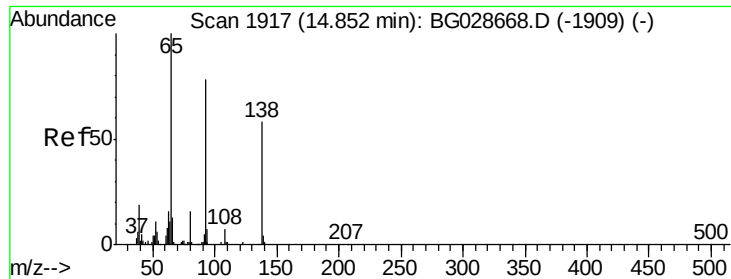
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	63.9	95.9#
89	59.2	58.6	88.0



#51
Acenaphthene
Concen: 21.72 ng
RT: 14.93 min Scan# 1930
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	87.8	131.6
152	53.8	42.2	63.4





#52

3-Nitroaniline

Concen: 9.29 ng

RT: 14.78 min Scan# 1904

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

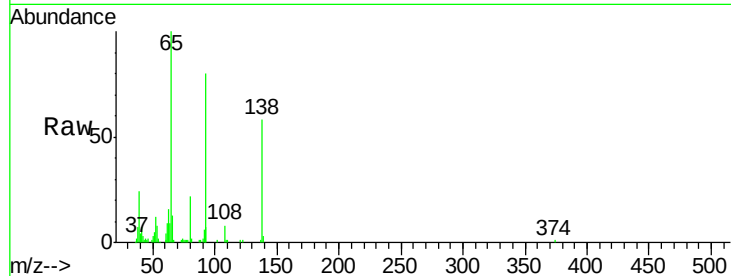
Tot Ion:138 Resp: 33381

Ion Ratio Lower Upper

138 100

108 14.2 10.9 16.3

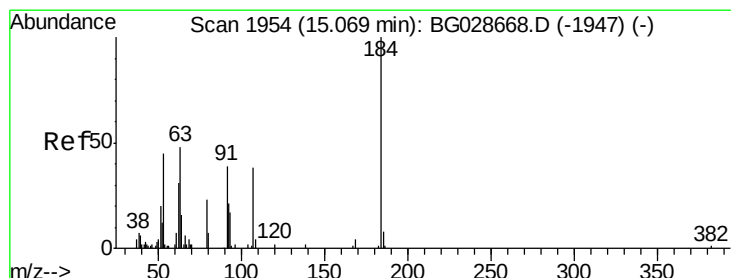
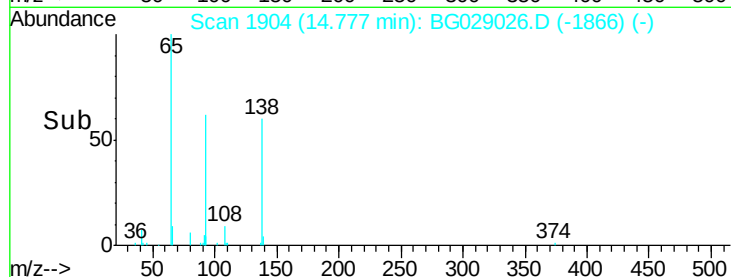
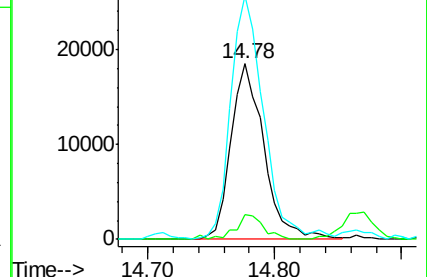
92 138.7 115.3 172.9



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): B



#53

2,4-Dinitrophenol

Concen: 46.10 ng

RT: 14.99 min Scan# 1941

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

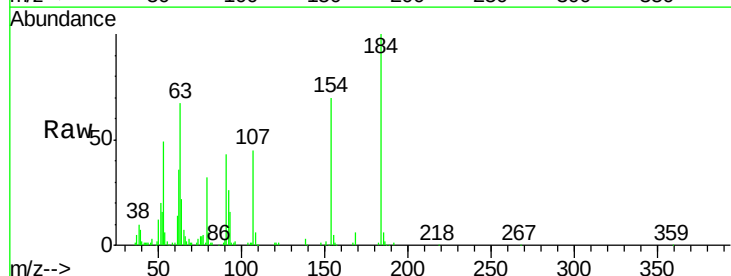
Tgt Ion:184 Resp: 90612

Ion Ratio Lower Upper

184 100

63 67.2 52.7 79.1

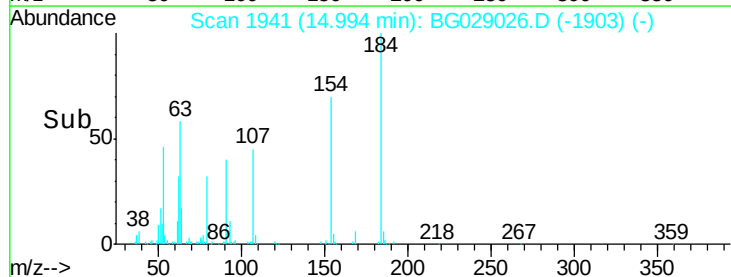
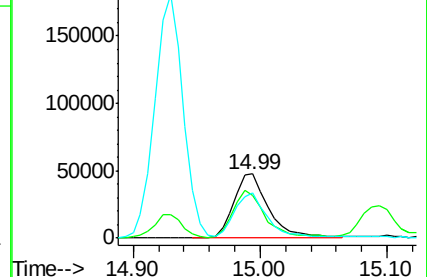
154 70.1 57.3 85.9

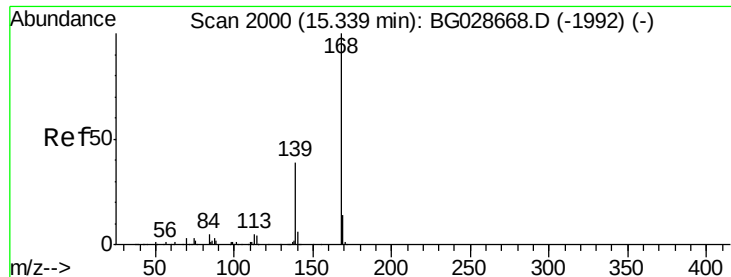


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 23.70 ng

RT: 15.26 min Scan# 1987

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

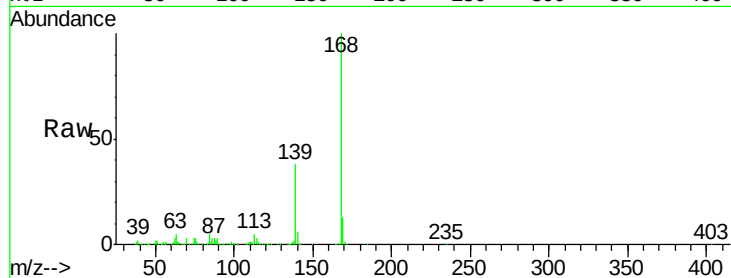
Tot Ion:168 Resp: 482288

Ion Ratio Lower Upper

168 100

139 38.2 35.3 52.9

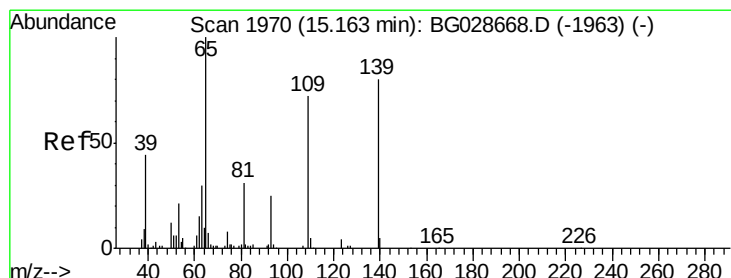
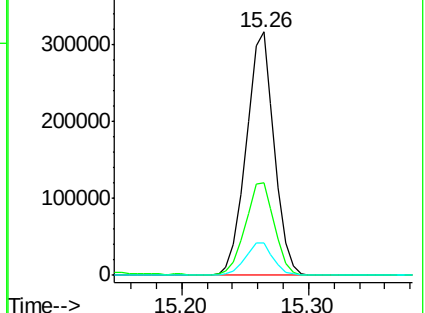
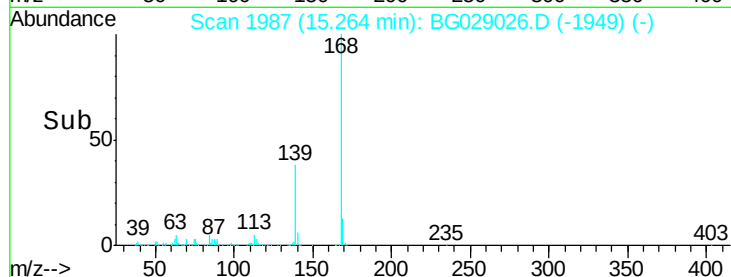
169 13.1 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 47.87 ng

RT: 15.09 min Scan# 1958

Delta R.T. -0.07 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

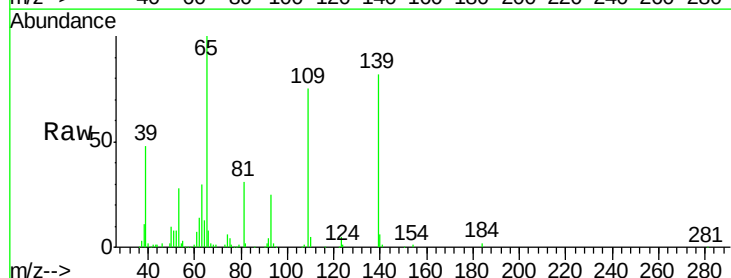
Tgt Ion:139 Resp: 125990

Ion Ratio Lower Upper

139 100

109 91.5 101.2 141.2#

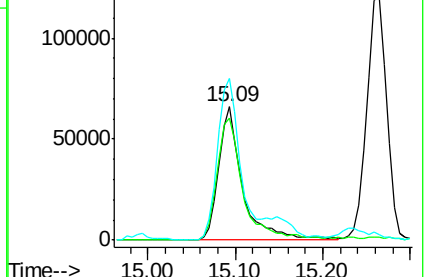
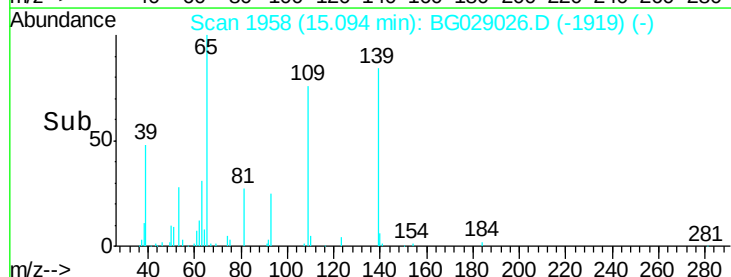
65 121.3 135.3 175.3#

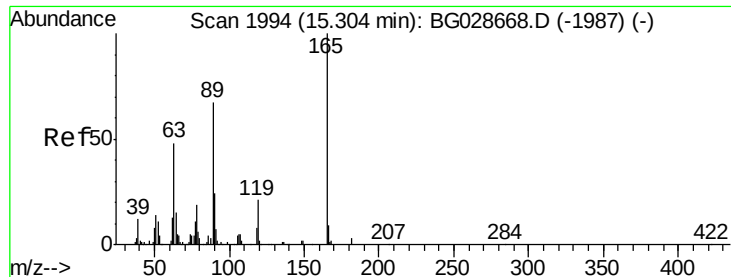


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

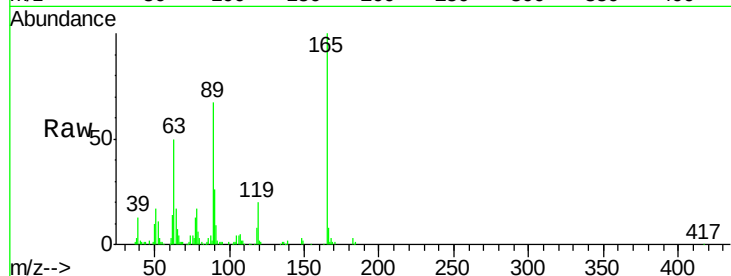




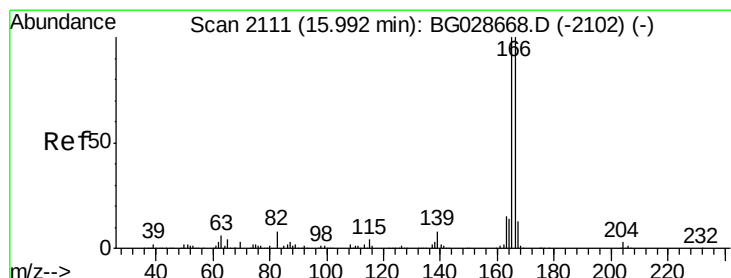
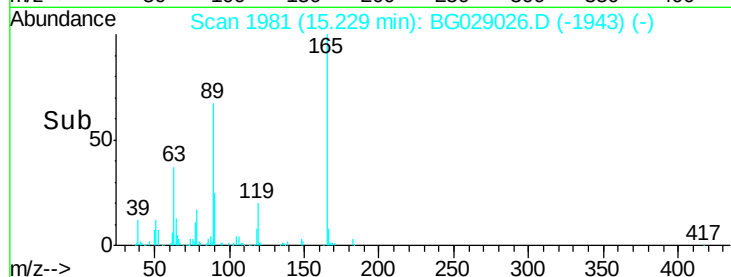
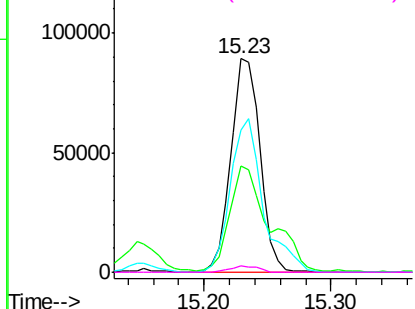
#56
2,4-Dinitrotoluene
Concen: 24.75 ng
RT: 15.23 min Scan# 1981
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 141373
Ion Ratio Lower Upper
165 100
63 49.7 44.0 66.0
89 66.5 67.3 100.9#
182 3.0 3.8 5.6#

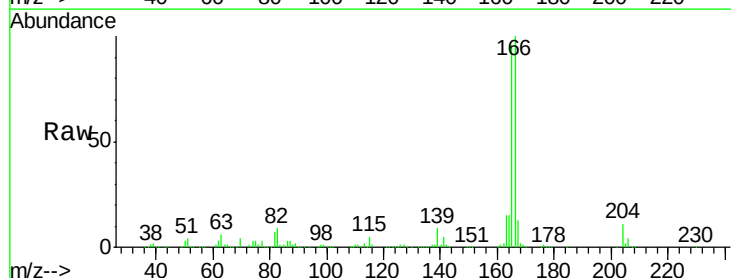


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

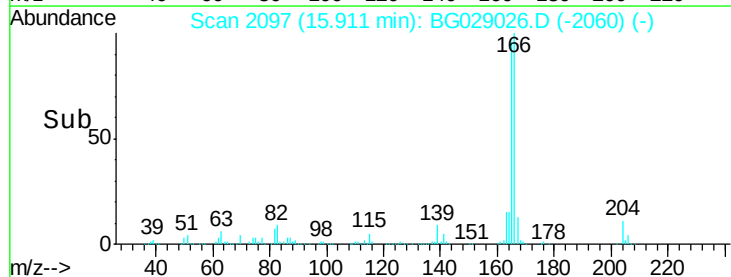
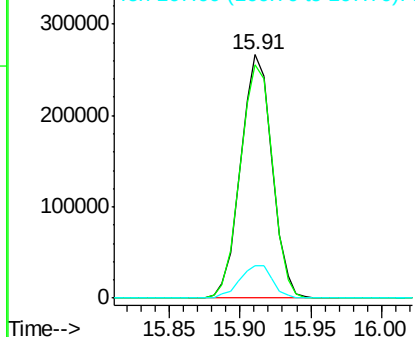


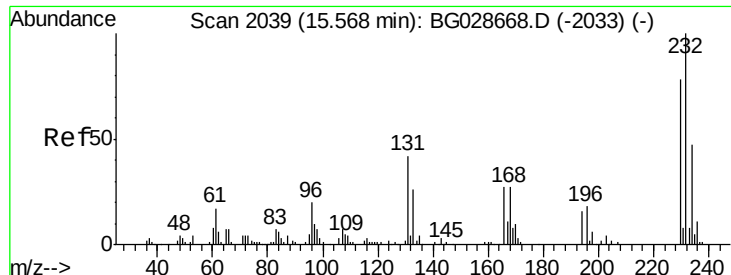
#57
Fluorene
Concen: 22.83 ng
RT: 15.91 min Scan# 2097
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:166 Resp: 414744
Ion Ratio Lower Upper
166 100
165 95.9 78.6 117.8
167 13.1 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

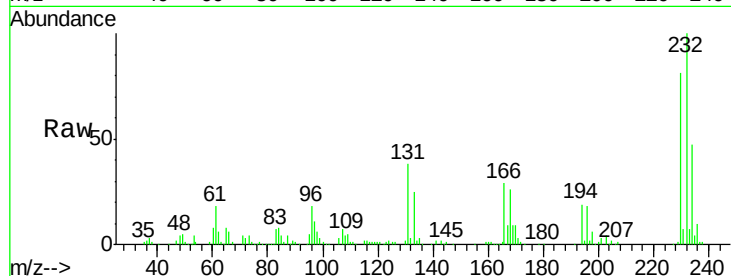




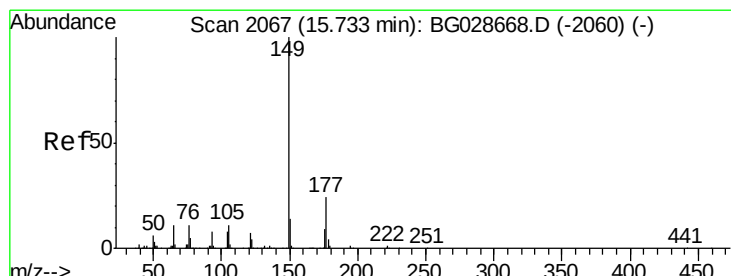
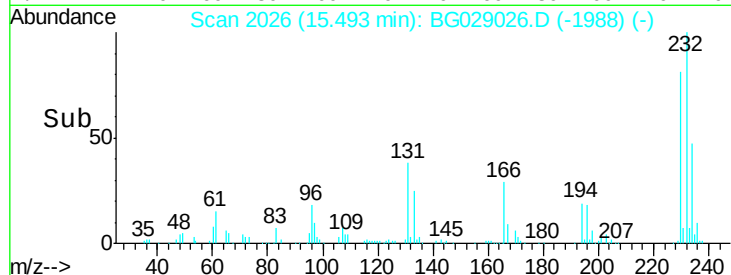
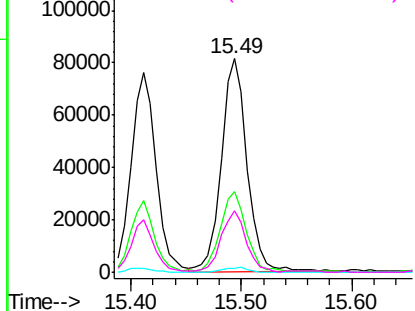
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.97 ng
 RT: 15.49 min Scan# 2026
 Delta R.T. -0.08 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	130683
Ion	Ratio	Lower	Upper
232	100		
131	38.1	34.9	52.3
130	2.1	2.3	3.5#
166	27.6	24.2	36.4

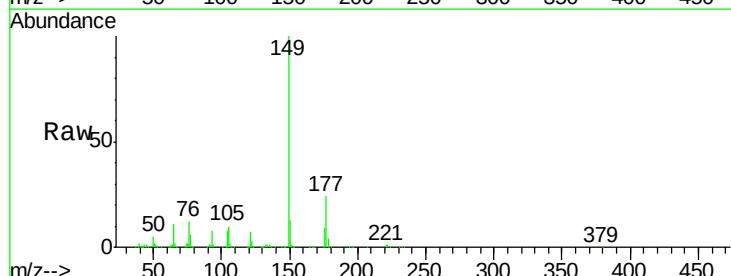


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

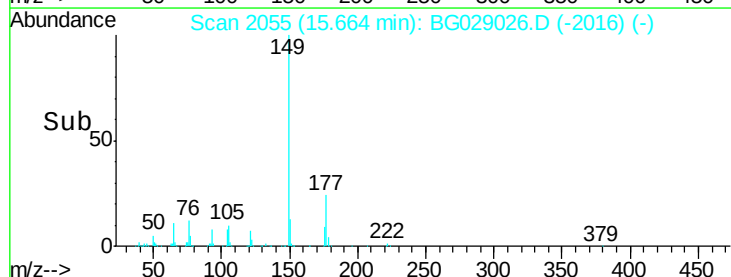
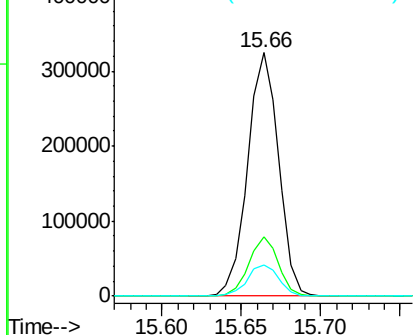


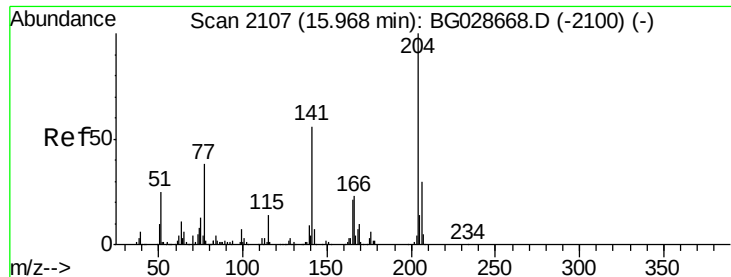
#59
 Diethylphthalate
 Concen: 23.38 ng
 RT: 15.66 min Scan# 2055
 Delta R.T. -0.07 min
 Lab File: BG029026.D
 Acq: 4 Oct 2017 5:12

Tgt Ion:	149	Resp:	438581
Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.1	30.1
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

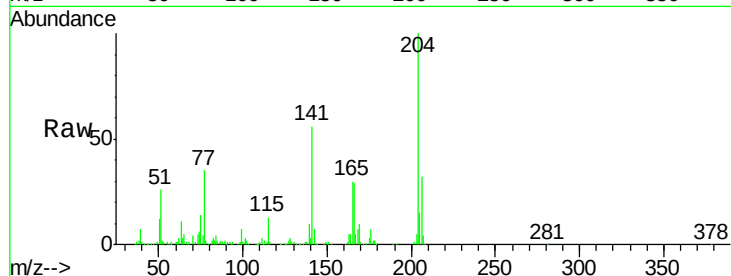




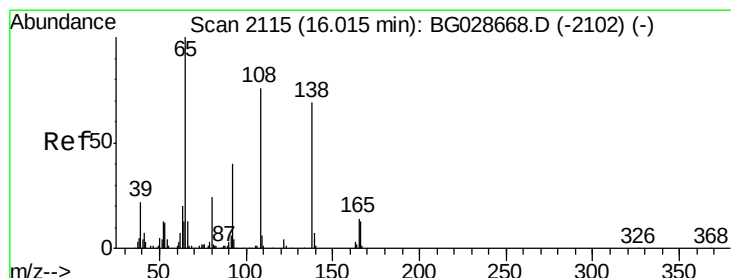
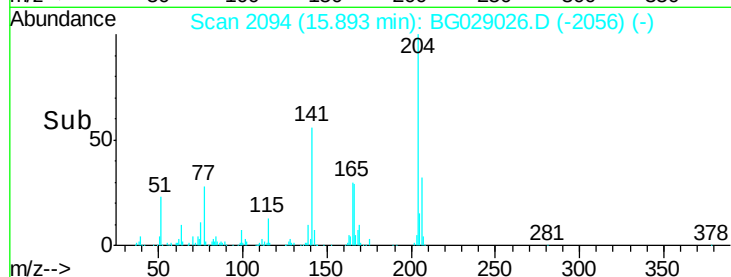
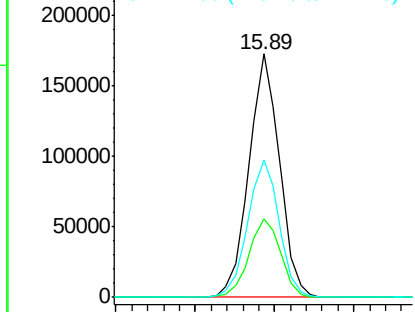
#60
4-Chlorophenyl-phenylether
Concen: 22.40 ng
RT: 15.89 min Scan# 2094
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	30.1	45.1
141	56.4	50.6	76.0

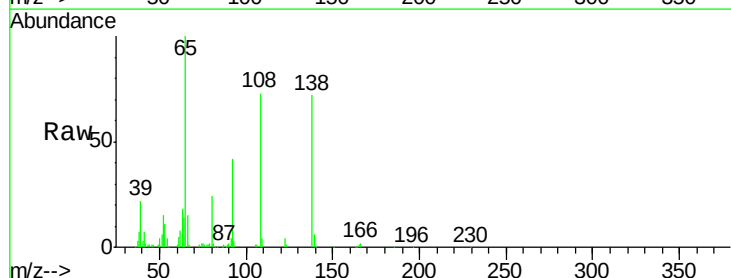


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

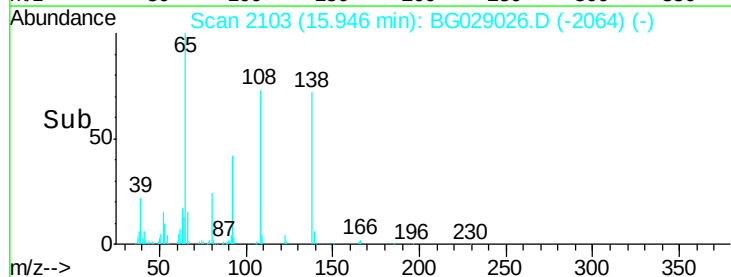
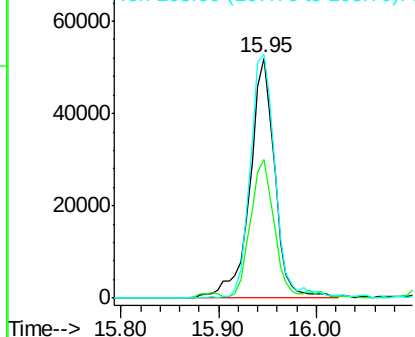


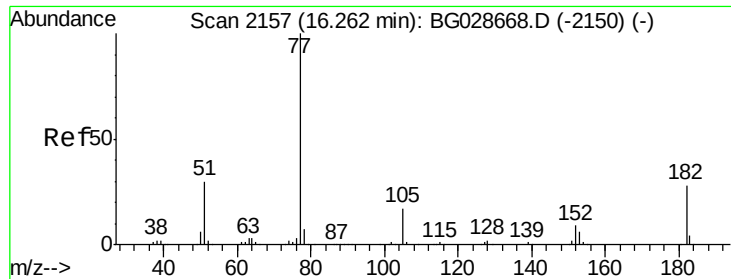
#61
4-Nitroaniline
Concen: 24.28 ng
RT: 15.95 min Scan# 2103
Delta R.T. -0.07 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	44.2	84.2
108	101.3	104.8	144.8



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





#62

Azobenzene

Concen: 25.50 ng

RT: 16.19 min Scan# 2144

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 402435

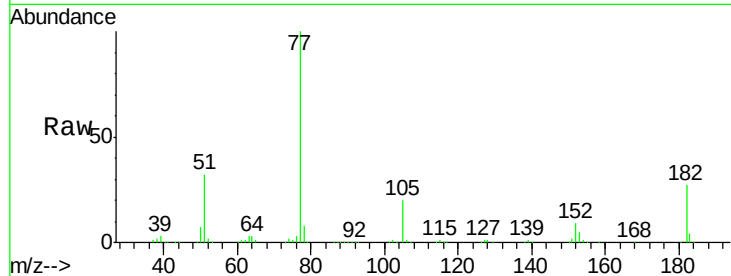
Ion Ratio Lower Upper

77 100

182 27.1 4.7 44.7

105 19.5 0.0 36.3

51 32.1 16.4 56.4

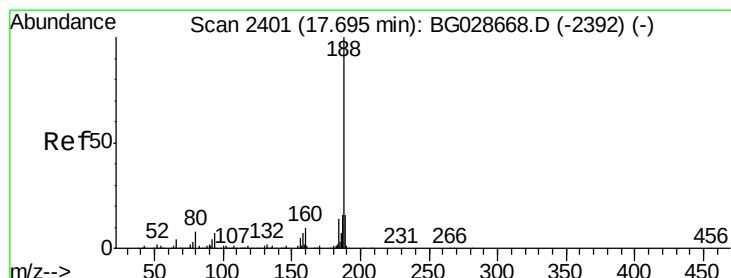
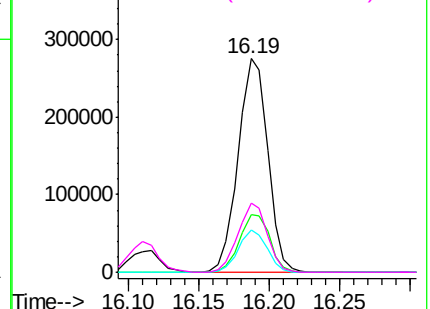
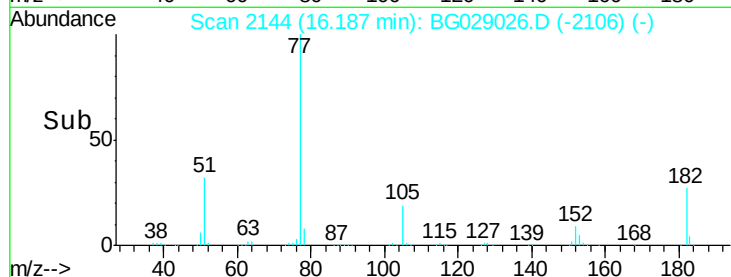


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

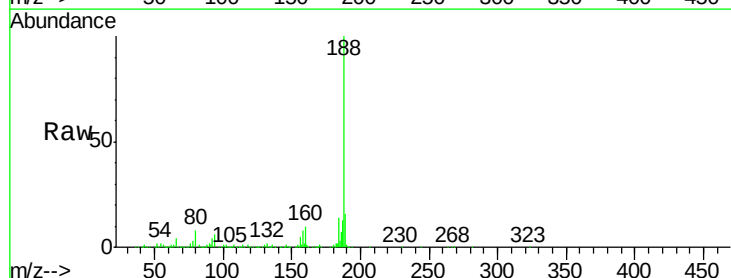
Tgt Ion: 188 Resp: 589514

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

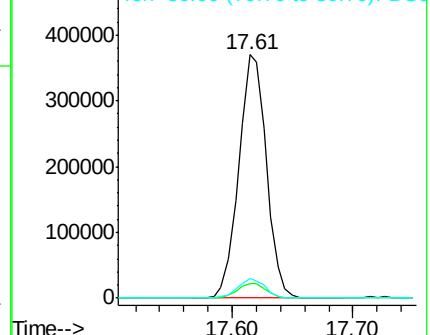
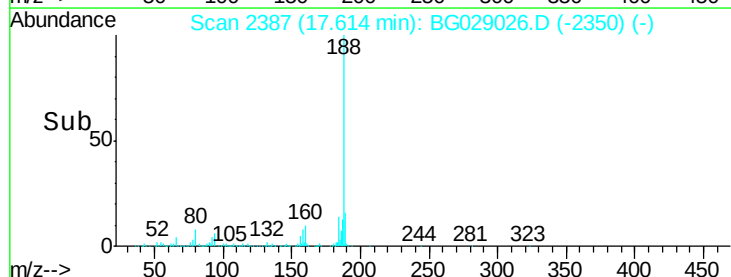
80 8.1 7.5 11.3

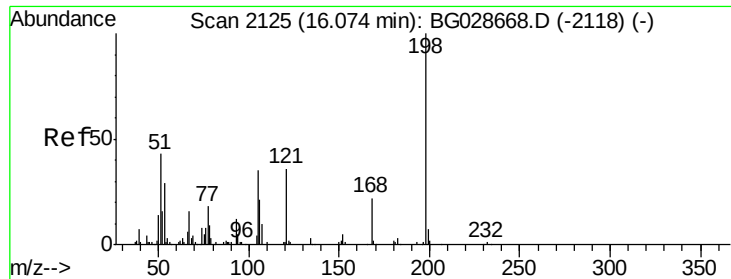


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

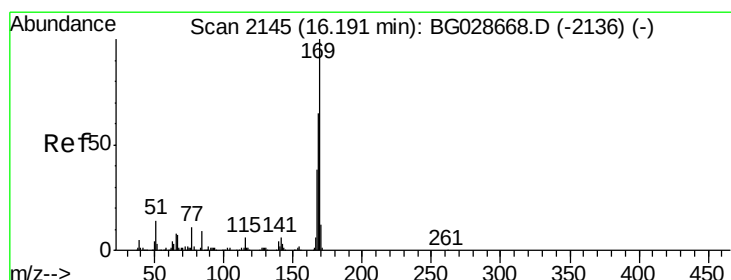
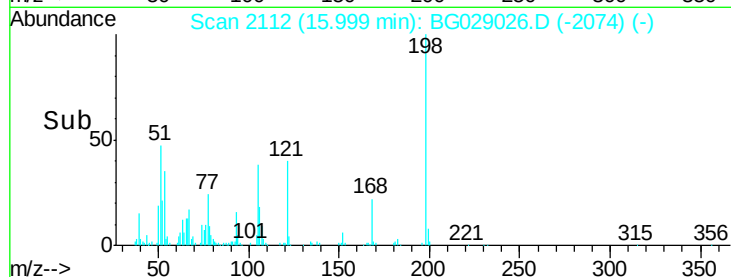
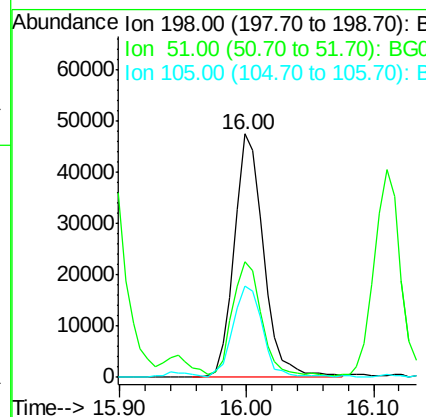
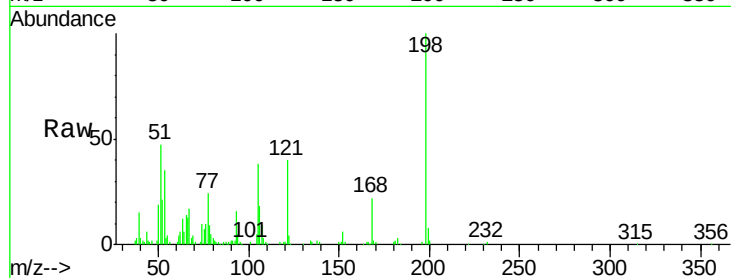




#64
4,6-Dinitro-2-methylphenol
Concen: 19.92 ng
RT: 16.00 min Scan# 2112
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

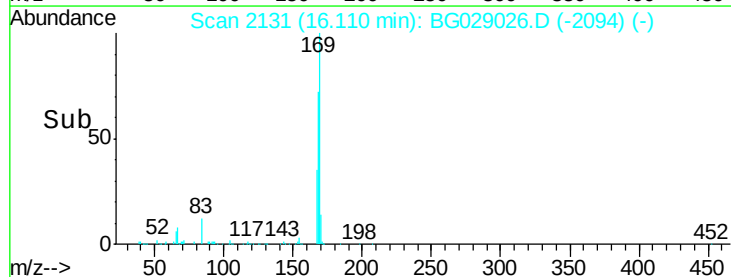
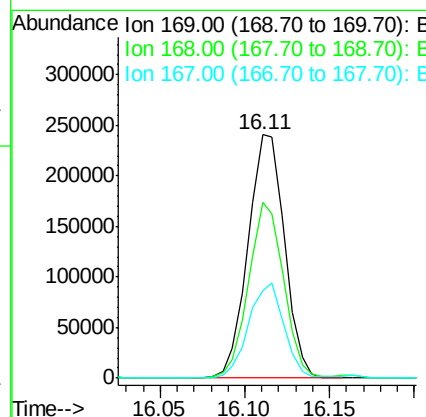
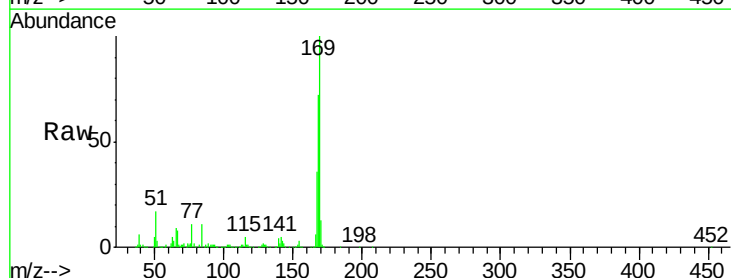
Instrument :
BNA_G
ClientSampleId :

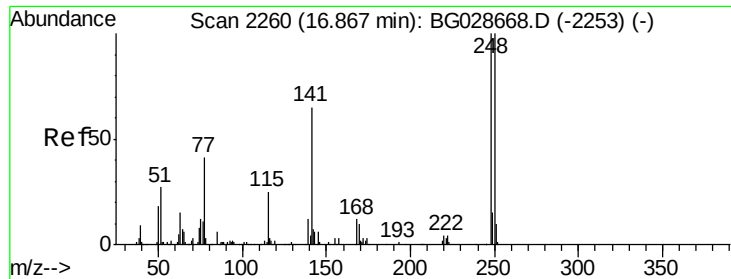
Tot Ion:198 Resp: 75769
Ion Ratio Lower Upper
198 100
51 47.5 22.6 62.6
105 37.5 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 21.41 ng
RT: 16.11 min Scan# 2131
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:169 Resp: 361775
Ion Ratio Lower Upper
169 100
168 71.9 55.7 83.5
167 36.0 29.8 44.6

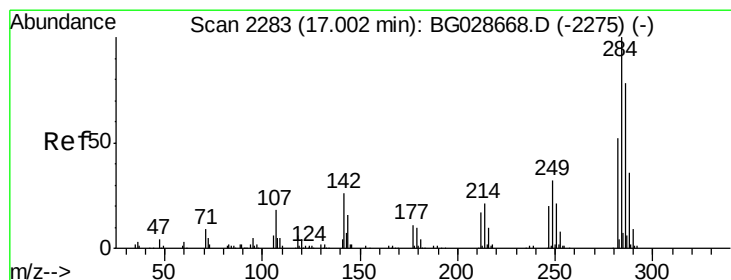
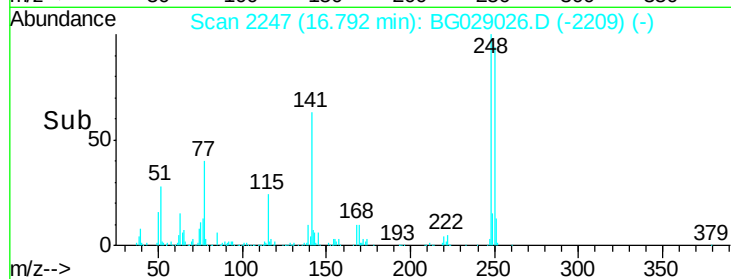
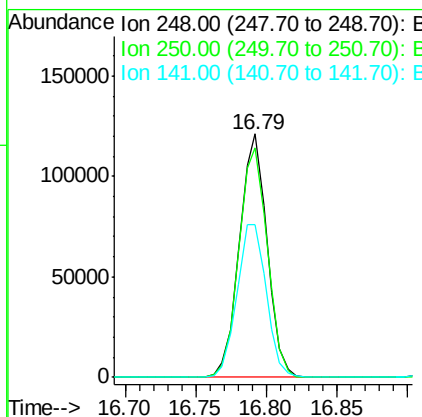
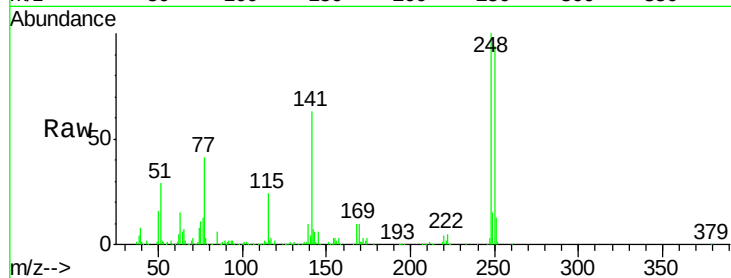




#66
4-Bromophenyl-phenylether
Concen: 21.85 ng
RT: 16.79 min Scan# 2247
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

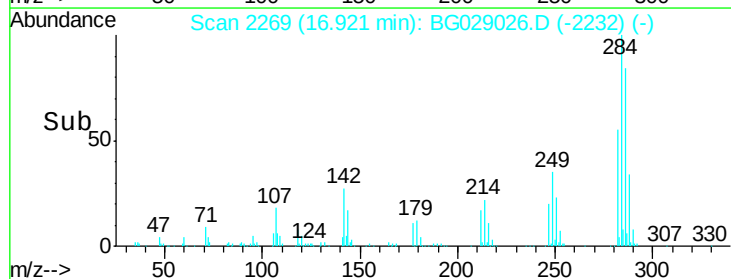
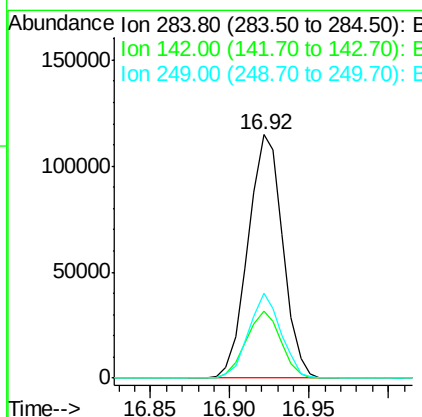
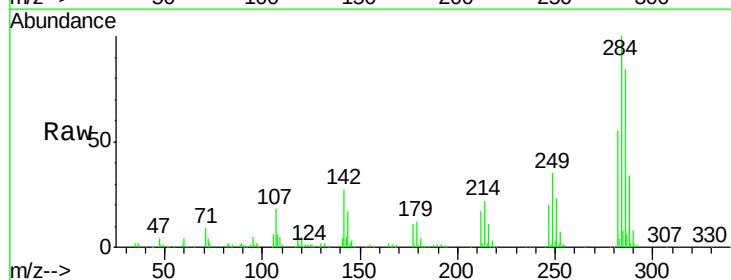
Instrument :
BNA_G
ClientSampled :

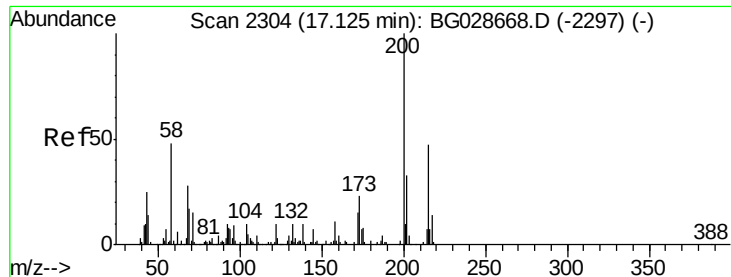
Tot Ion:248 Resp: 165716
Ion Ratio Lower Upper
248 100
250 94.5 75.0 112.6
141 63.0 55.2 82.8



#67
Hexachlorobenzene
Concen: 20.21 ng
RT: 16.92 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:284 Resp: 174518
Ion Ratio Lower Upper
284 100
142 27.3 29.9 44.9#
249 34.9 29.2 43.8





#68

Atrazine

Concen: 23.48 ng

RT: 17.06 min Scan# 2292

Delta R.T. -0.07 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

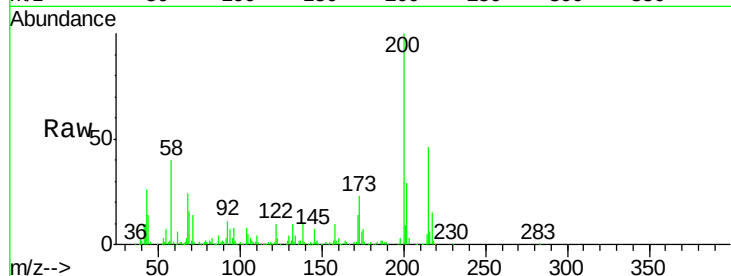
Tot Ion:200 Resp: 170339

Ion Ratio Lower Upper

200 100

173 22.8 3.0 43.0

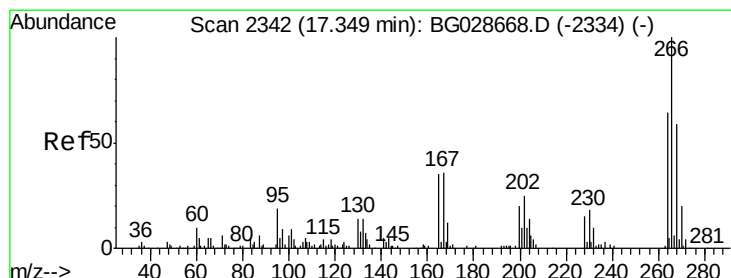
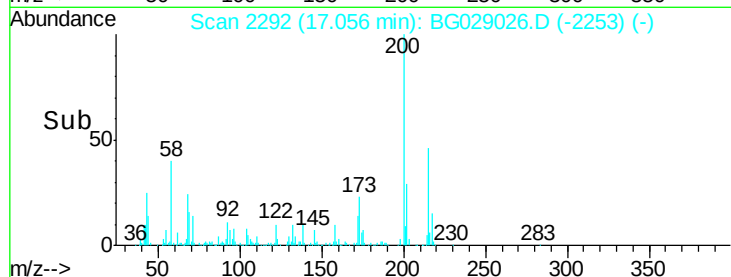
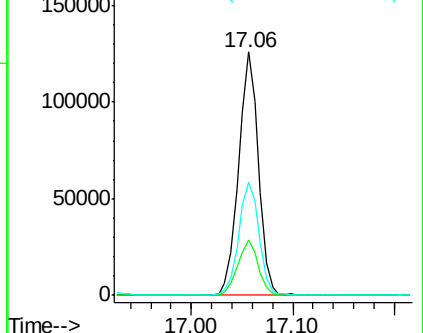
215 46.3 28.4 68.4



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: 46.17 ng

RT: 17.27 min Scan# 2328

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

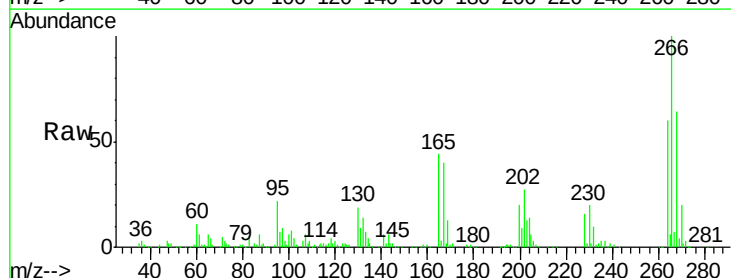
Tgt Ion:266 Resp: 180094

Ion Ratio Lower Upper

266 100

268 63.5 48.6 72.8

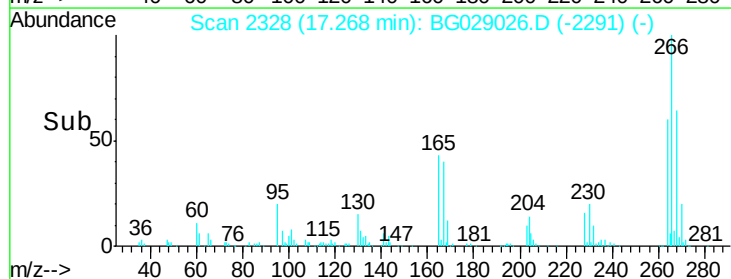
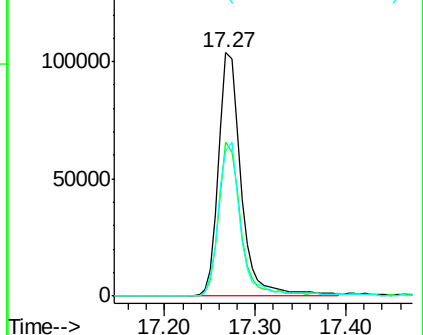
264 59.5 50.1 75.1

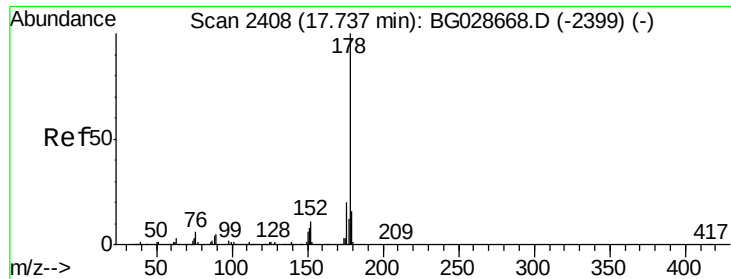


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 23.01 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

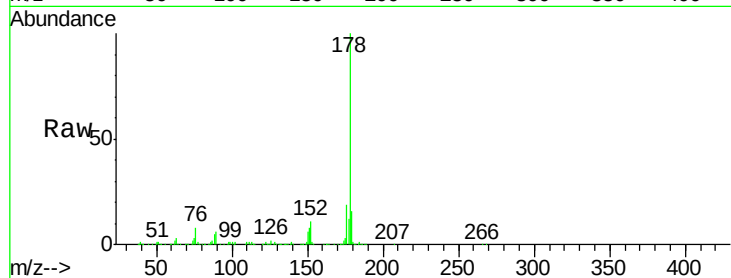
Tot Ion:178 Resp: 693551

Ion Ratio Lower Upper

178 100

176 18.9 17.7 26.5

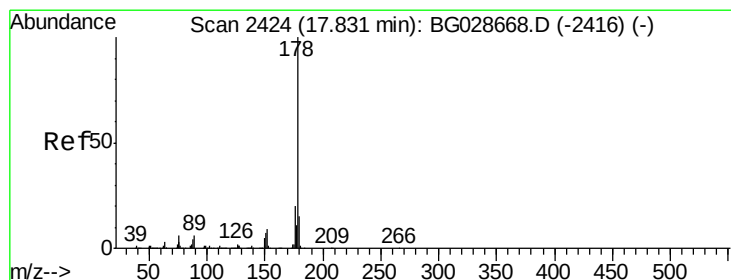
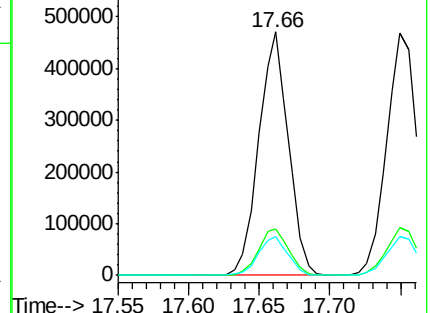
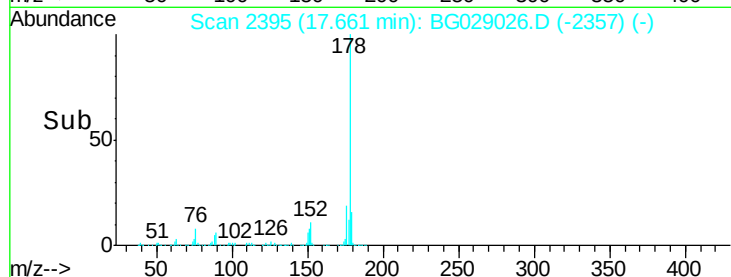
179 16.2 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 23.37 ng

RT: 17.75 min Scan# 2410

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

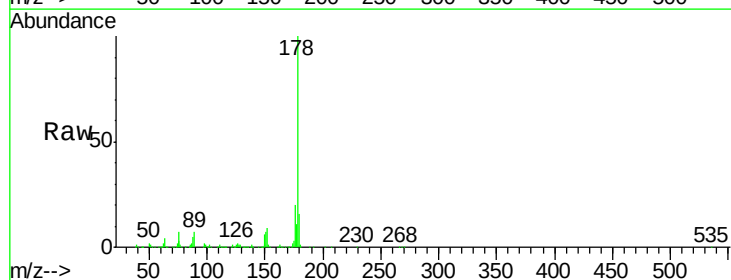
Tgt Ion:178 Resp: 711614

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

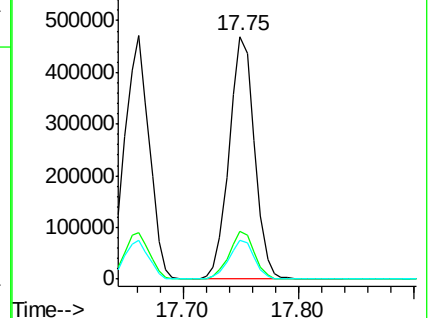
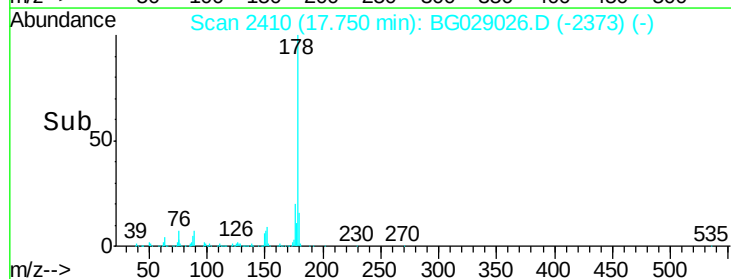
179 15.9 13.8 20.8

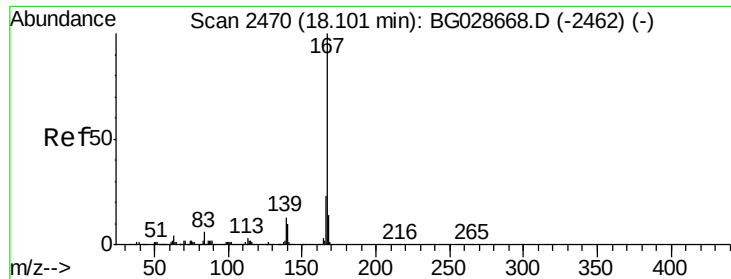


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 23.48 ng

RT: 18.03 min Scan# 2457

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

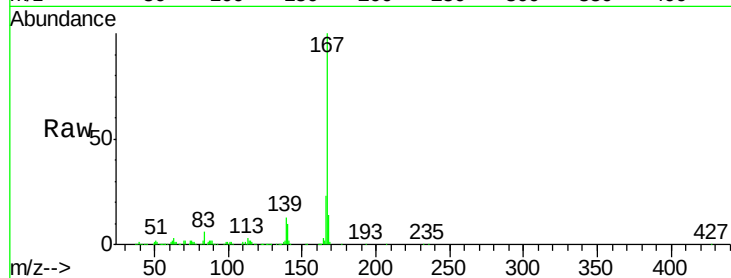
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 643938

Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	12.8	12.8	19.2

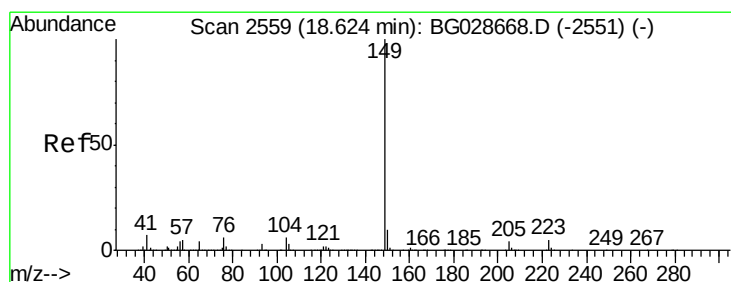
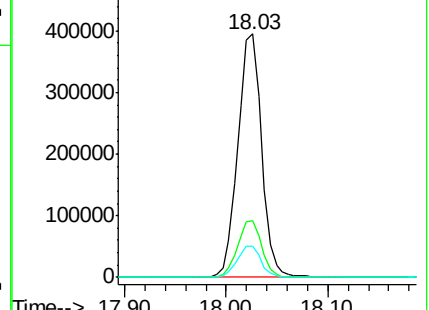
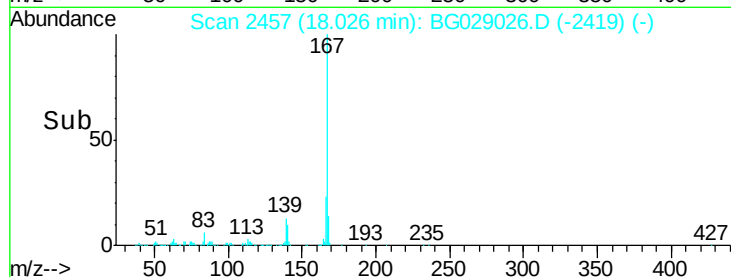


Abundance

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



#73

Di-n-butylphthalate

Concen: 23.04 ng

RT: 18.55 min Scan# 2546

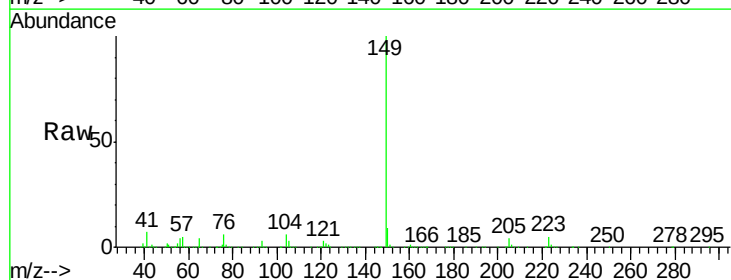
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Tgt Ion:149 Resp: 774832

Ion	Ratio	Lower	Upper
149	100		
150	9.4	9.1	13.7
104	5.8	6.7	10.1#

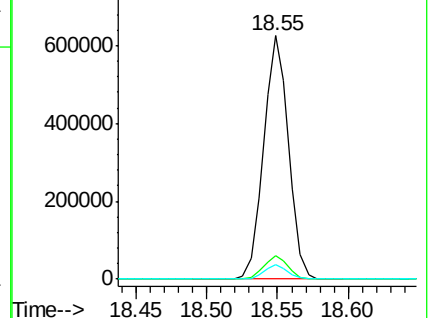
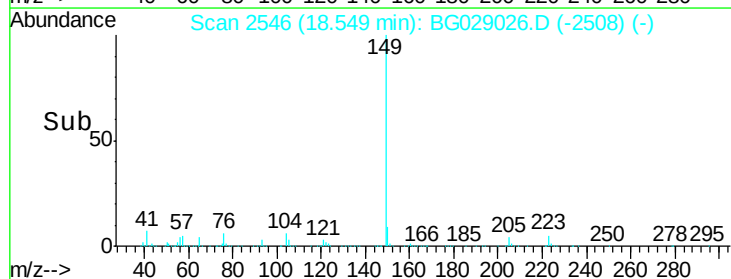


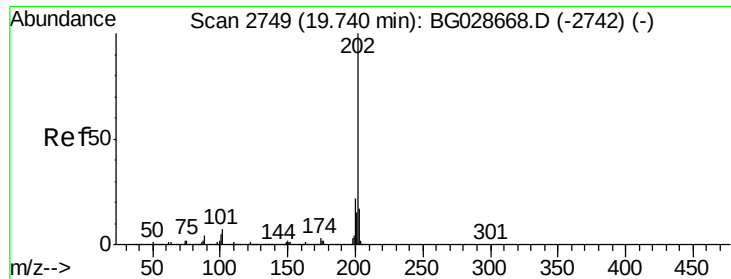
Abundance

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

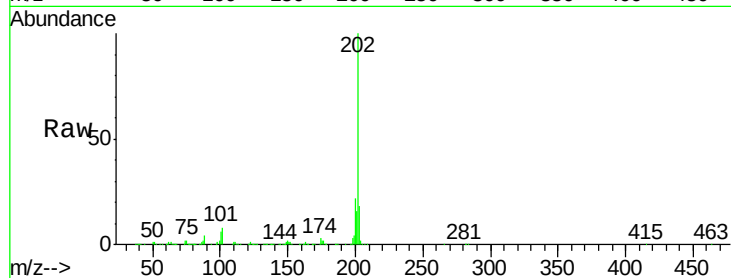




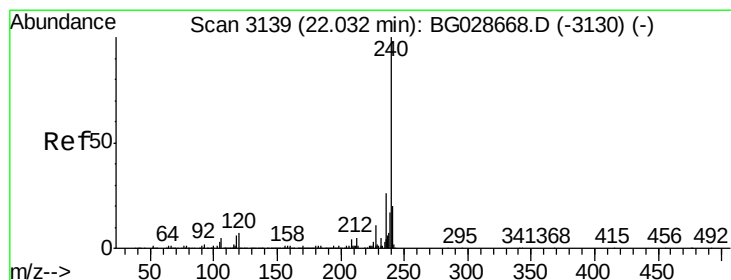
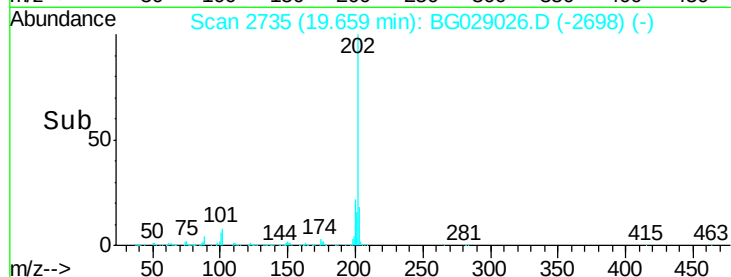
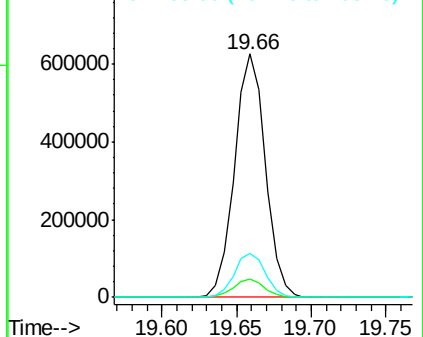
#74
Fluoranthene
Concen: 24.39 ng
RT: 19.66 min Scan# 2735
Delta R.T. -0.08 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.1
203	18.1	1.3	41.3

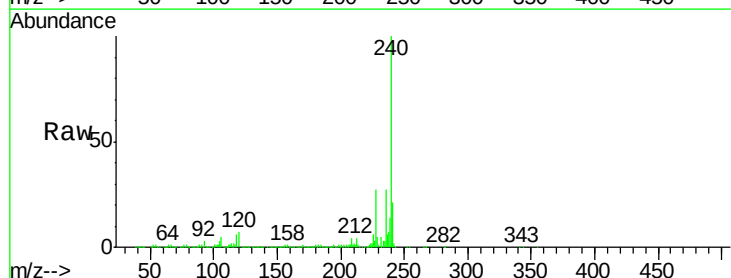


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

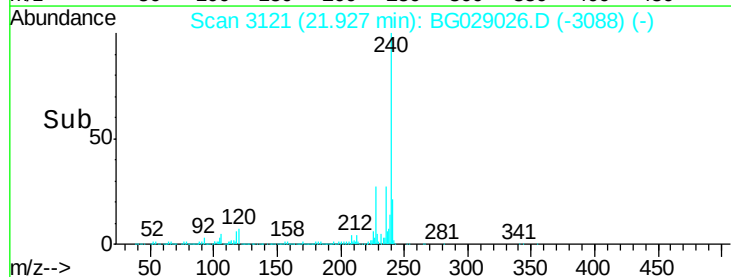
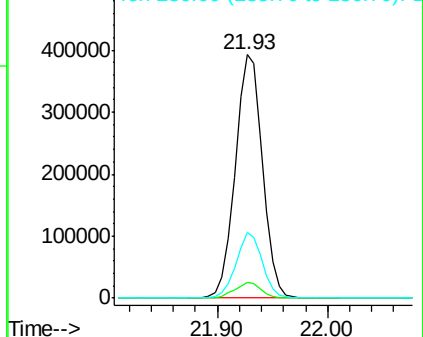


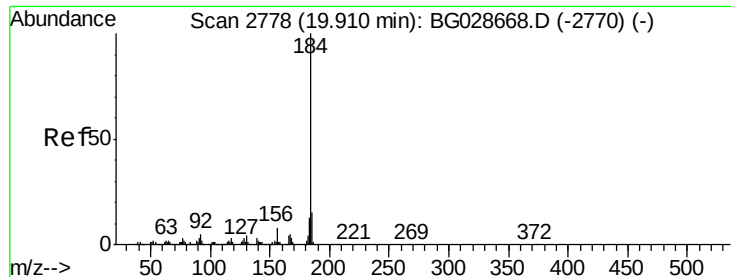
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.10 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	26.8	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: 6.97 ng

RT: 19.84 min Scan# 2765

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

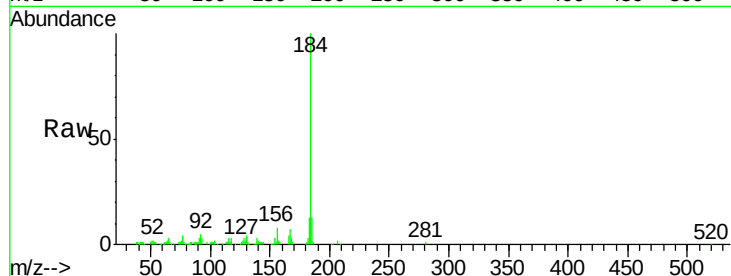
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 122562

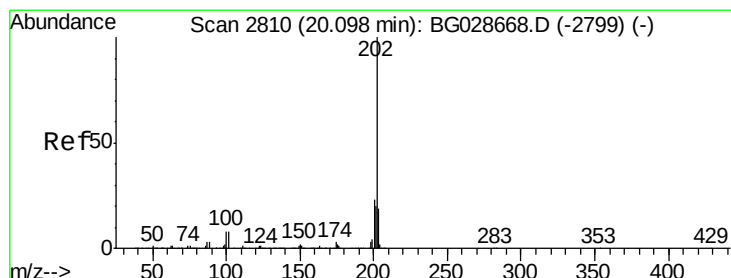
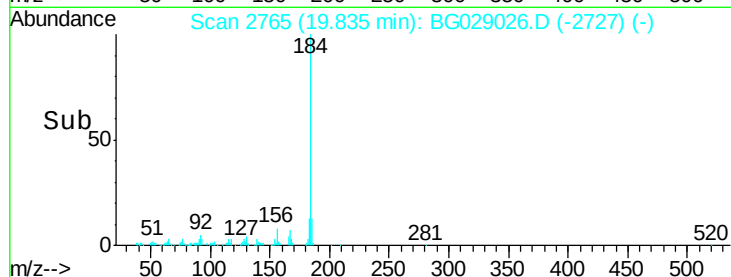
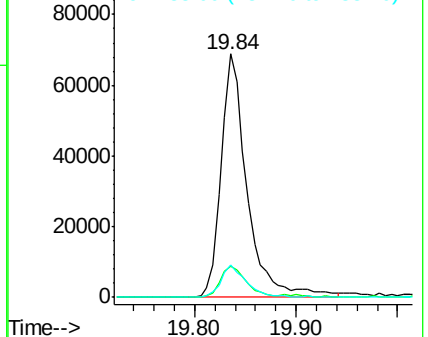
Ion	Ratio	Lower	Upper
184	100		
185	12.8	13.0	19.6#
183	13.3	11.0	16.6



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: 23.64 ng

RT: 20.02 min Scan# 2797

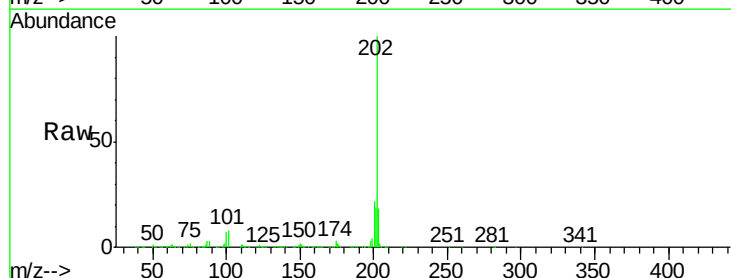
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Tgt Ion:202 Resp: 925129

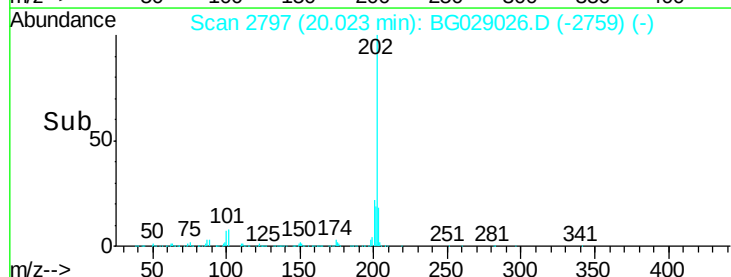
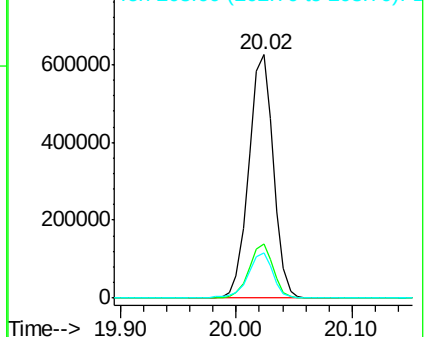
Ion	Ratio	Lower	Upper
202	100		
200	22.2	19.6	29.4
203	18.4	15.8	23.8

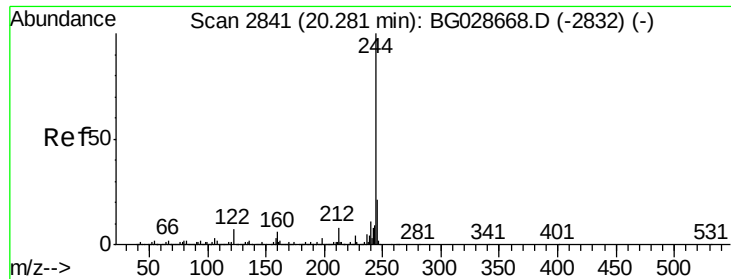


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.29 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

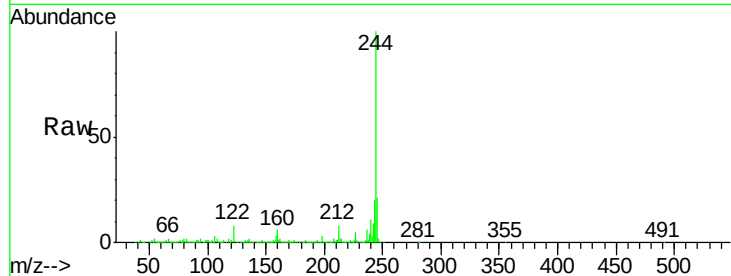
Tot Ion:244 Resp: 1536327

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

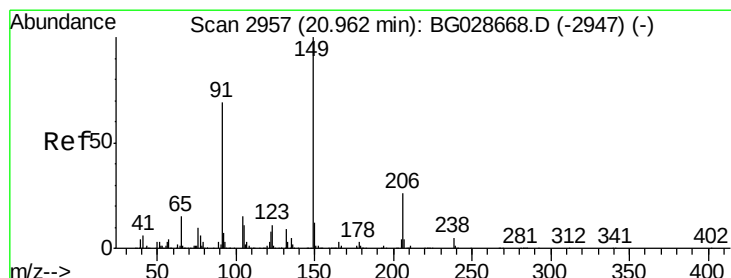
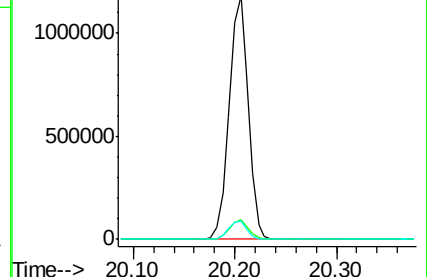
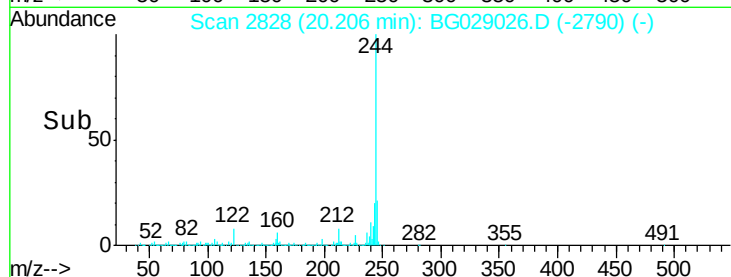
122 7.7 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 22.32 ng

RT: 20.89 min Scan# 2944

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

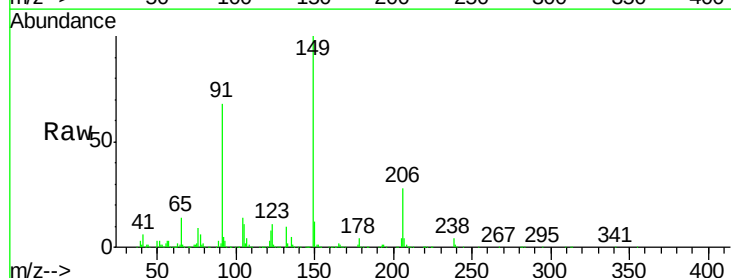
Tgt Ion:149 Resp: 352750

Ion Ratio Lower Upper

149 100

91 68.4 63.5 95.3

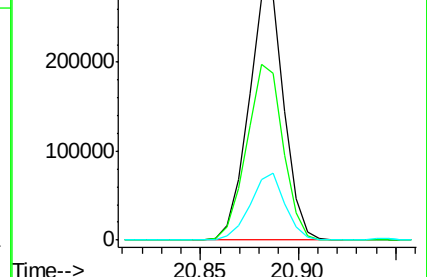
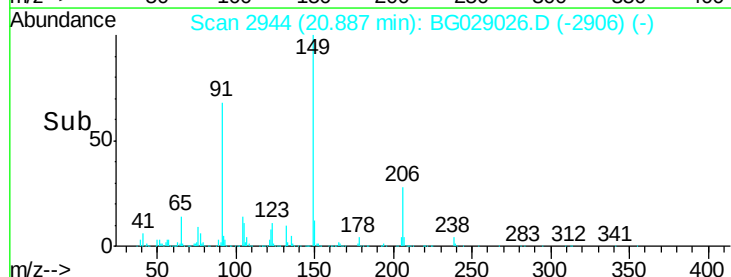
206 27.5 21.0 31.6

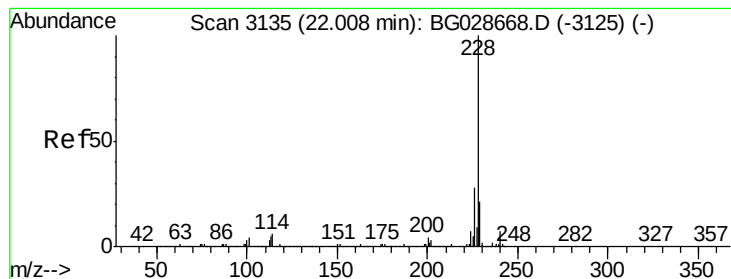


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 23.16 ng

RT: 21.90 min Scan# 3117

Delta R.T. -0.10 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA_G

ClientSampleId :

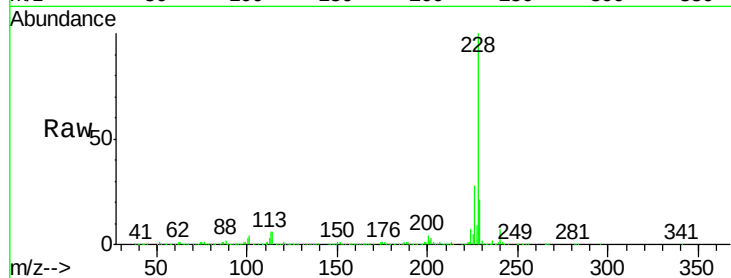
Tot Ion:228 Resp: 945594

Ion Ratio Lower Upper

228 100

226 27.9 24.9 37.3

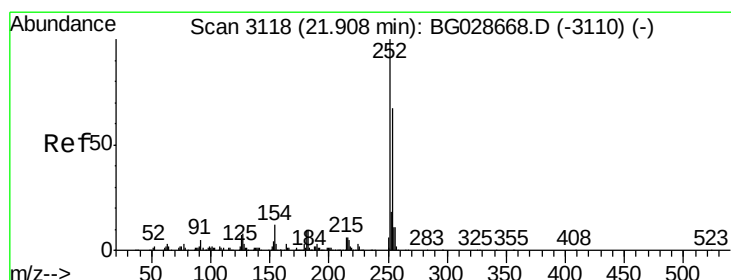
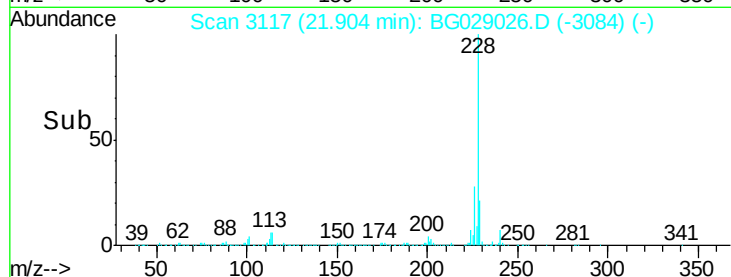
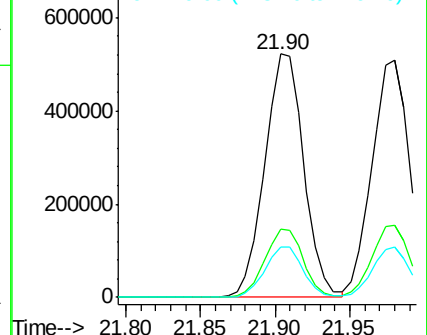
229 20.7 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 10.75 ng

RT: 21.81 min Scan# 3101

Delta R.T. -0.10 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

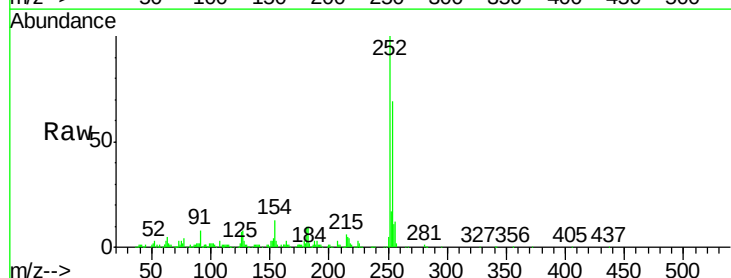
Tgt Ion:252 Resp: 177959

Ion Ratio Lower Upper

252 100

254 69.1 53.1 79.7

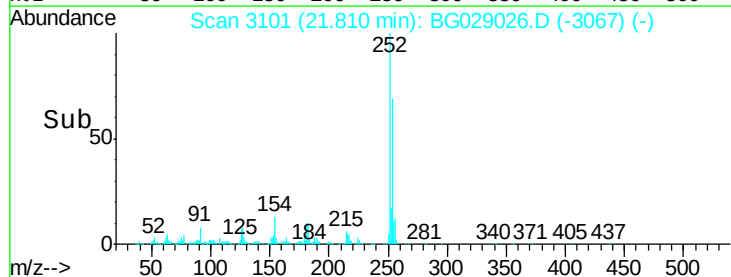
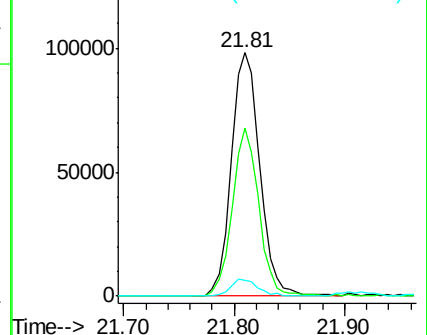
126 6.7 7.0 10.4#

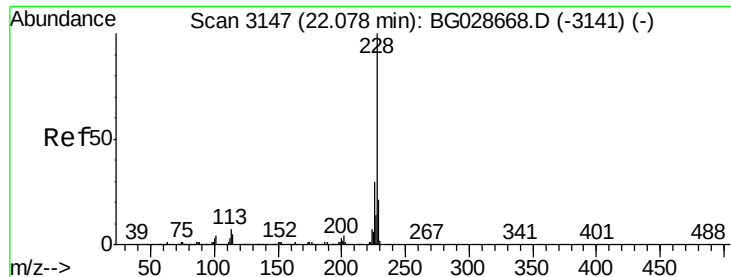


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 22.75 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.10 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

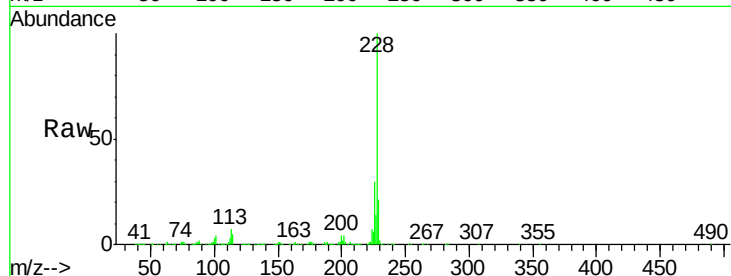
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 881480

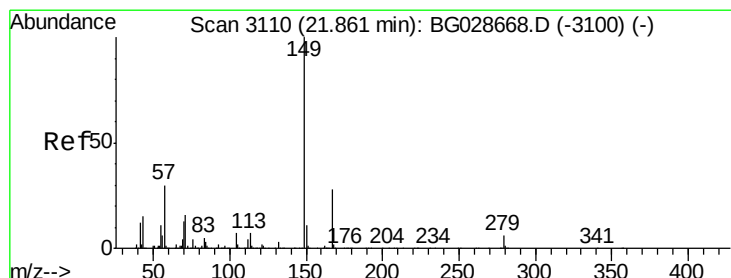
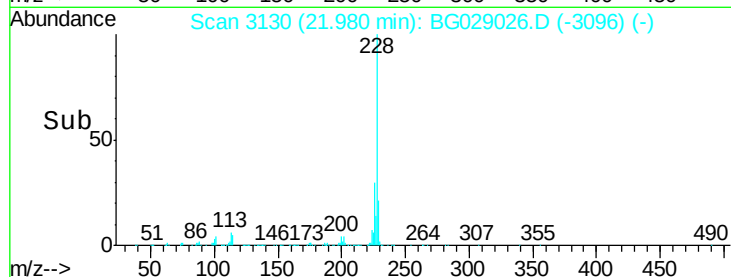
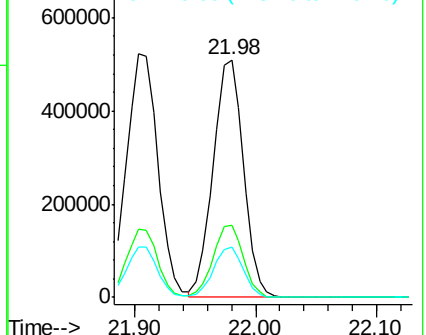
Ion	Ratio	Lower	Upper
228	100		
226	30.4	27.0	40.4
229	21.2	17.8	26.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 21.57 ng

RT: 21.77 min Scan# 3094

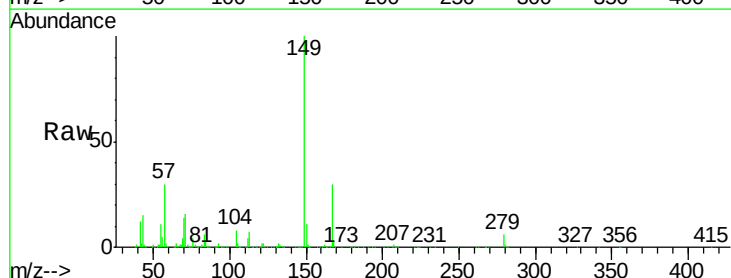
Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Tgt Ion:149 Resp: 484685

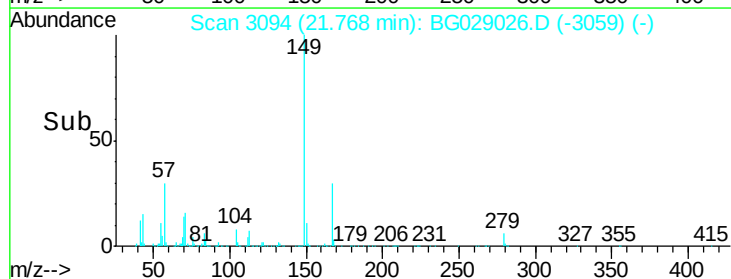
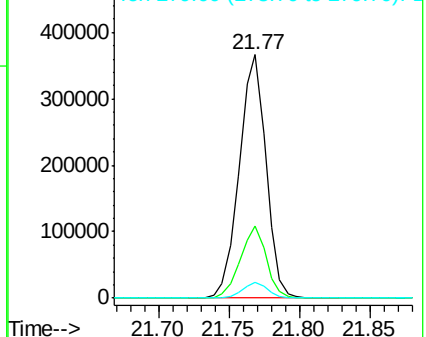
Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	6.3	4.6	6.8

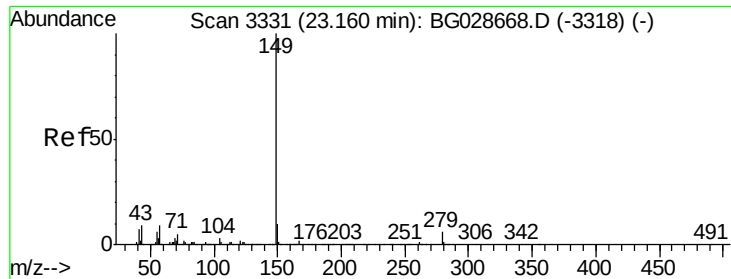


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

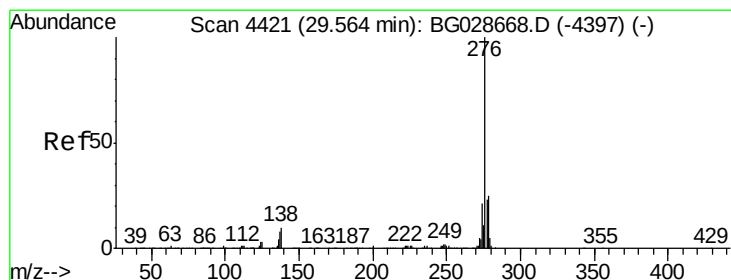
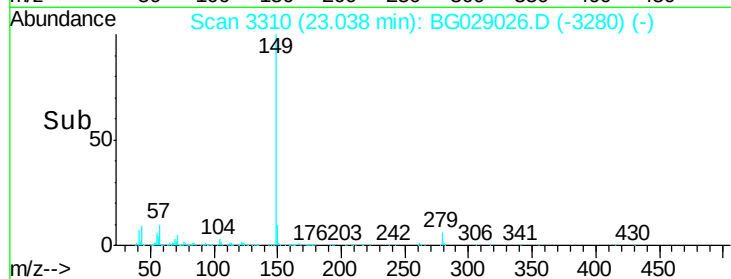
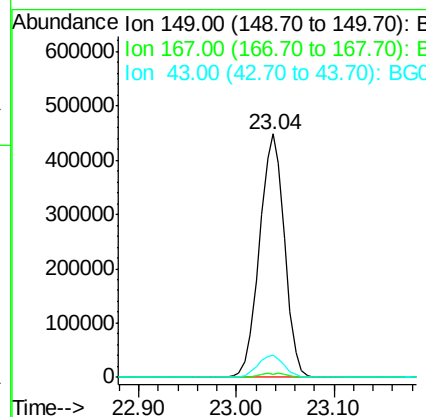
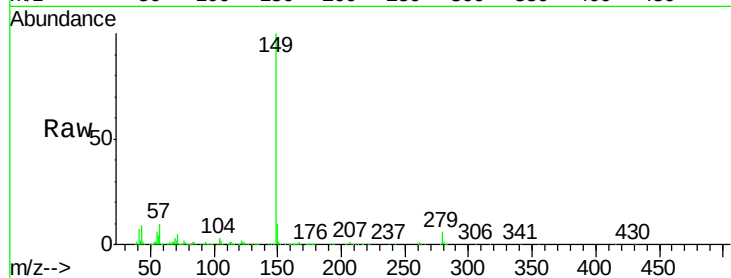




#84
Di-n-octyl phthalate
Concen: 20.56 ng
RT: 23.04 min Scan# 3310
Delta R.T. -0.12 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

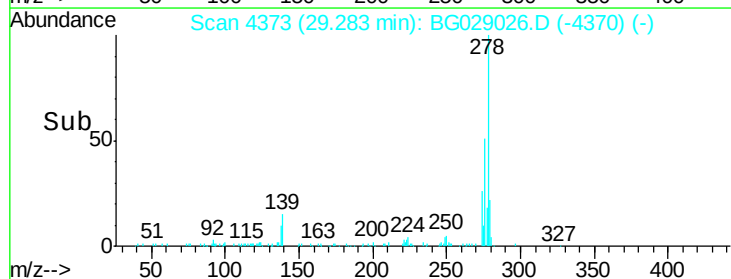
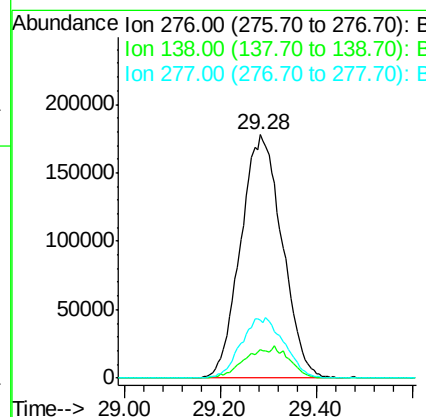
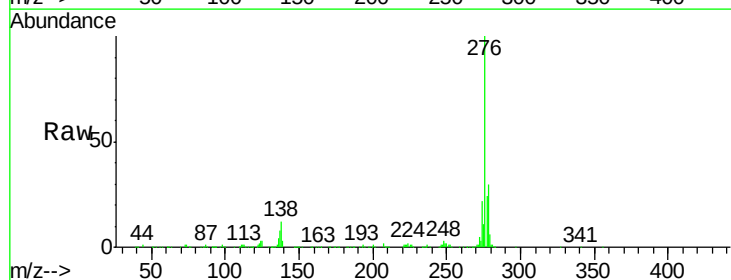
Instrument :
BNA_G
ClientSampleId :

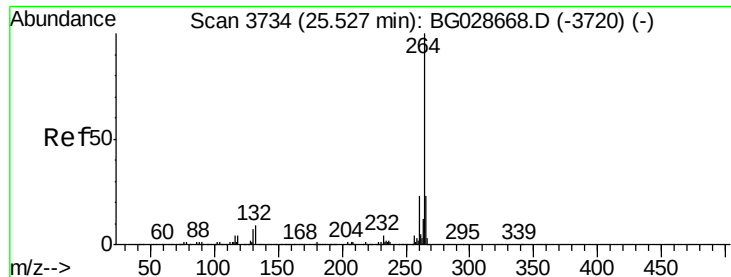
Tot Ion:149 Resp: 806907
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 9.5 11.8 17.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 21.50 ng
RT: 29.28 min Scan# 4373
Delta R.T. -0.28 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:276 Resp: 1070181
Ion Ratio Lower Upper
276 100
138 7.5 4.7 7.1#
277 13.5 20.6 31.0#



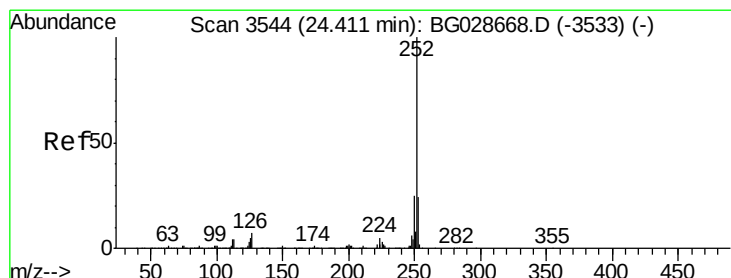
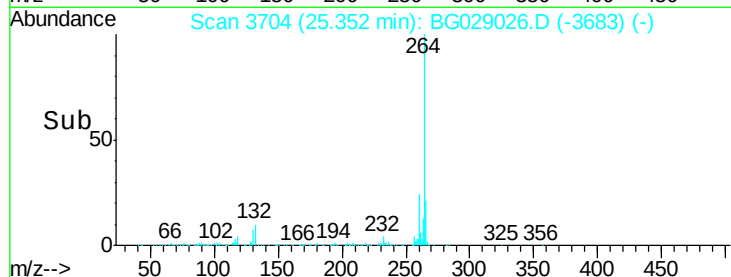
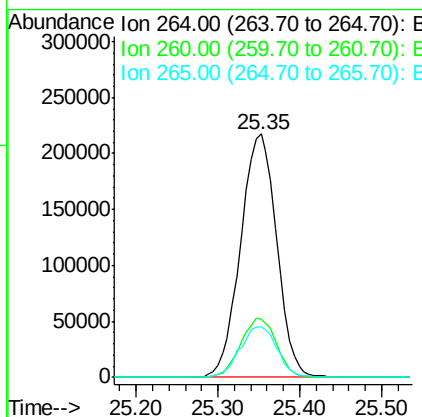
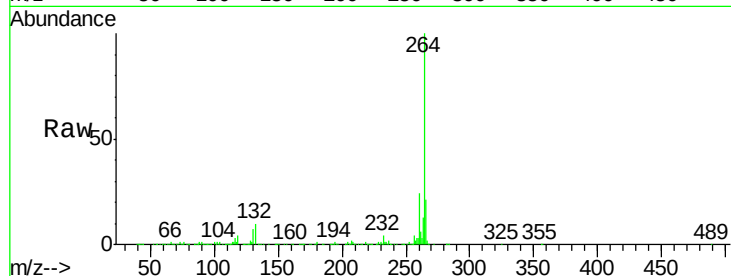


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3704
Delta R.T. -0.17 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 667747

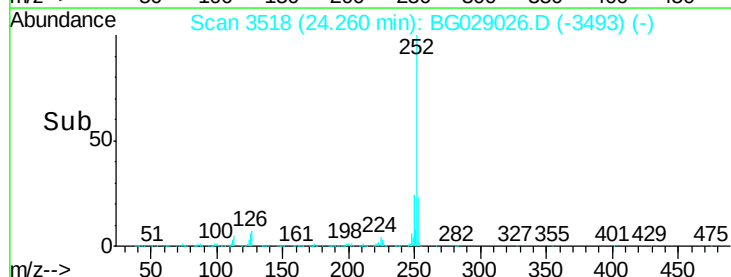
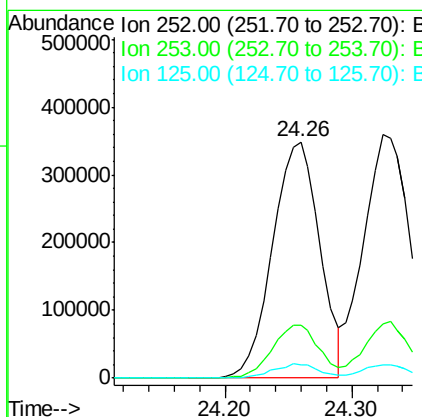
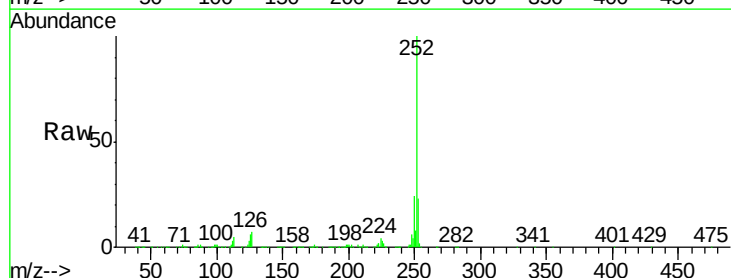
Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	20.6	18.2	27.4

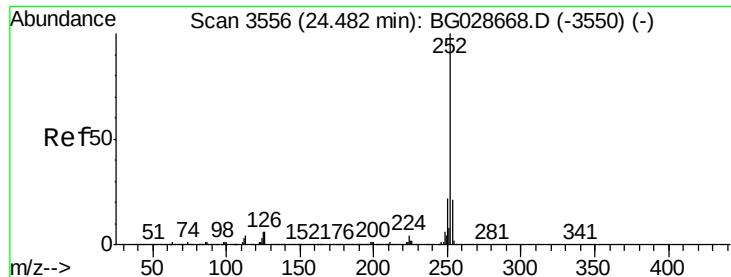


#87
Benzo(b)fluoranthene
Concen: 22.55 ng
RT: 24.26 min Scan# 3518
Delta R.T. -0.15 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:252 Resp: 902335

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	5.7	5.3	7.9

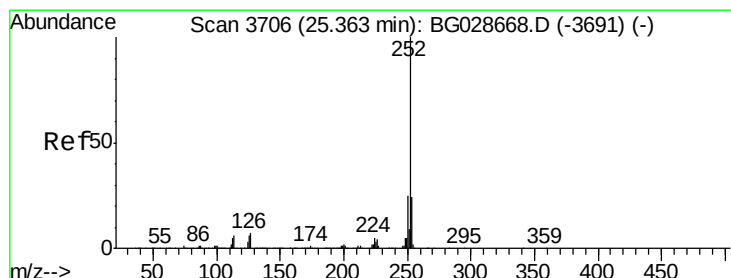
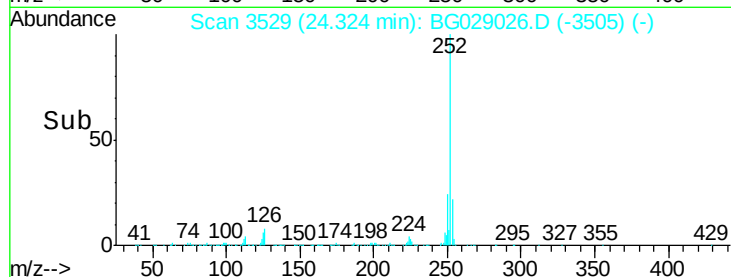
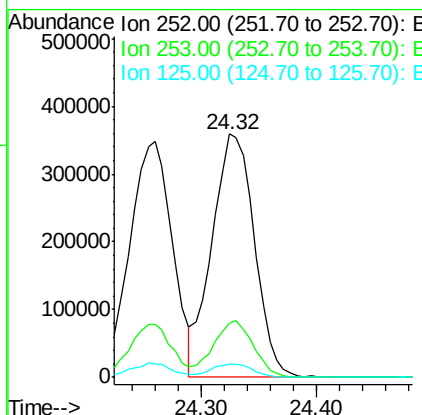
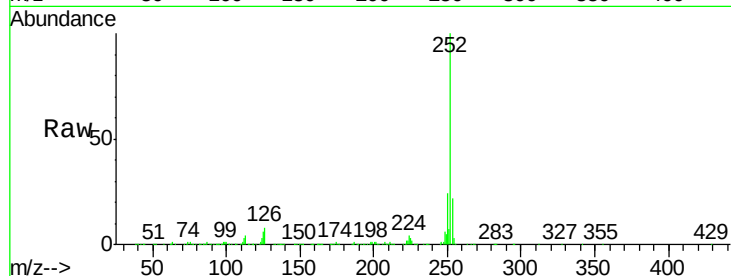




#88
Benzo(k)fluoranthene
Concen: 22.77 ng
RT: 24.32 min Scan# 3529
Delta R.T. -0.16 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

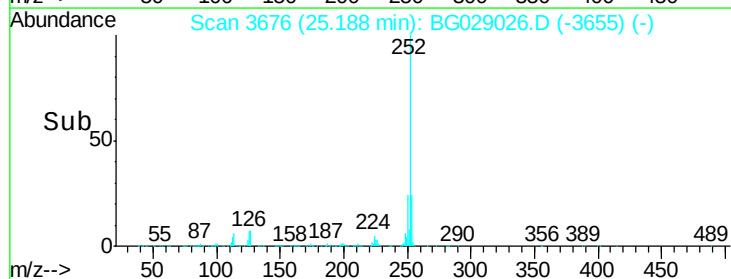
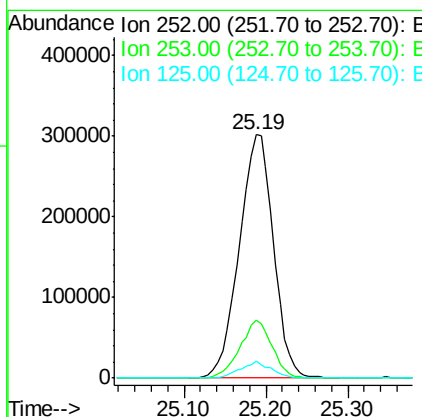
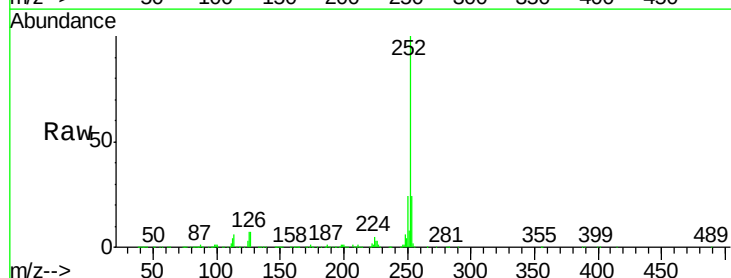
Instrument :
BNA_G
ClientSampled :

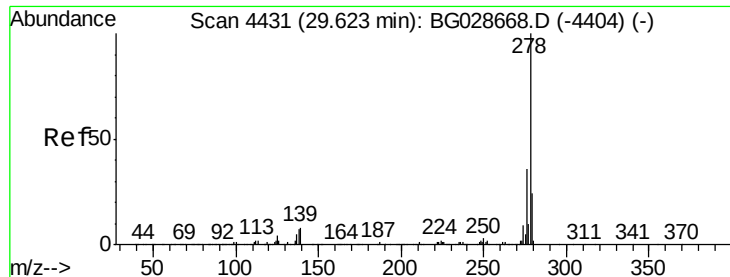
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.2
125	5.7	5.1	7.7



#89
Benzo(a)pyrene
Concen: 23.11 ng
RT: 25.19 min Scan# 3676
Delta R.T. -0.17 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	6.8	5.4	8.0



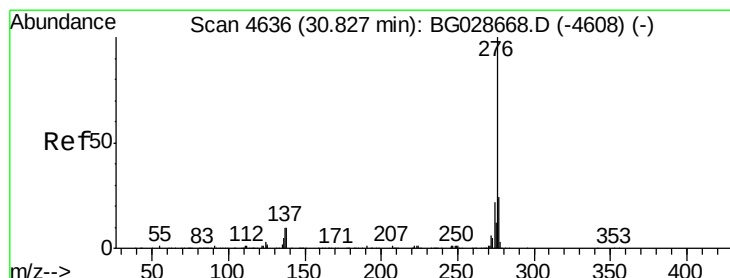
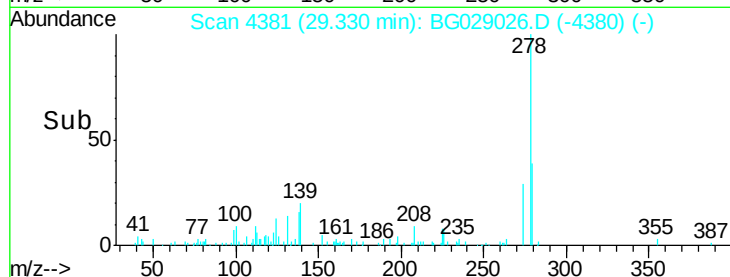
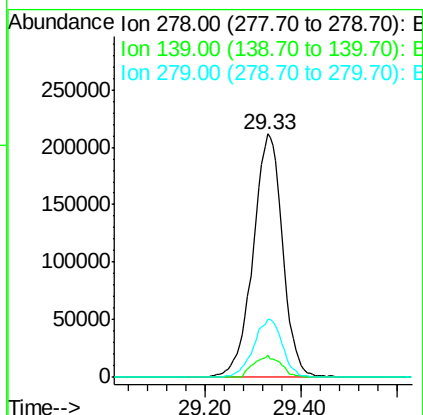
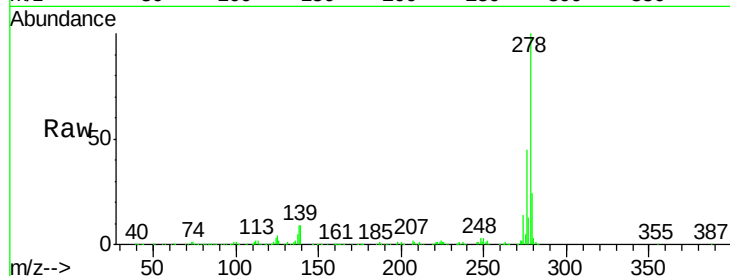


#90
Dibenzo(a,h)anthracene
Concen: 22.81 ng
RT: 29.33 min Scan# 4381
Delta R.T. -0.29 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 903118

Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.7	11.5
279	24.0	19.1	28.7



#91
Benzo(g,h,i)perylene
Concen: 22.77 ng
RT: 30.52 min Scan# 4583
Delta R.T. -0.31 min
Lab File: BG029026.D
Acq: 4 Oct 2017 5:12

Tgt Ion:276 Resp: 879660

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	10.2	8.1	12.1

