

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029007.D
 Acq On : 3 Oct 2017 16:06
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:16:51 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	35423	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	145223	20.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	103412	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	258980	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	287220	20.00	ng	-0.10
86) Perylene-d12	25.35	264	275176	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	361202	168.25	ng	-0.10
7) Phenol-d6	7.40	99	504173	155.98	ng	-0.09
23) Nitrobenzene-d5	9.41	82	280398	92.36	ng	-0.10
41) 2,4,6-Tribromophenol	16.36	330	299242	174.96	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	711812	91.78	ng	-0.08
78) Terphenyl-d14	20.21	244	1183518	87.87	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.72	88	7698	8.85	ng	96
3) Pyridine	4.12	79	19750	7.96	ng	89
6) Aniline	7.56	93	31370	8.34	ng	94
8) 2-Chlorophenol	7.81	128	19586	8.18	ng	85
9) Benzaldehyde	7.38	77	12135	6.05	ng	90
10) Phenol	7.42	94	28083	8.23	ng	94
11) bis(2-Chloroethyl)ether	7.65	93	20187	8.24	ng	93
12) 1,3-Dichlorobenzene	8.13	146	22912	8.89	ng	93
13) 1,4-Dichlorobenzene	8.27	146	22270	8.40	ng	91
14) 1,2-Dichlorobenzene	8.60	146	21374	8.16	ng	90
15) Benzyl Alcohol	8.48	79	18105	7.18	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.75	45	37584	8.44	ng	93
17) 2-Methylphenol	8.68	107	18184	8.16	ng	# 88
18) Hexachloroethane	9.32	117	8135	8.38	ng	# 81
19) n-Nitroso-di-n-propylamine	9.04	70	19415	8.47	ng	# 96
20) 3+4-Methylphenols	9.01	107	21876	7.02	ng	94
22) Acetophenone	9.06	105	36030	8.49	ng	# 91
24) Nitrobenzene	9.45	77	29962	8.91	ng	93
25) Isophorone	9.97	82	50387	8.20	ng	97
26) 2-Nitrophenol	10.17	139	12059	8.43	ng	# 81
27) 2,4-Dimethylphenol	10.22	122	20685	7.91	ng	98
28) bis(2-Chloroethoxy)methane	10.45	93	28991	8.69	ng	# 92
29) 2,4-Dichlorophenol	10.72	162	18590	7.14	ng	97
30) 1,2,4-Trichlorobenzene	10.92	180	24566	8.28	ng	95
31) Naphthalene	11.11	128	64995	8.57	ng	# 96
32) Benzoic acid	10.41	122	1161	6.63	ng	# 50
33) 4-Chloroaniline	11.23	127	25073	7.89	ng	91
34) Hexachlorobutadiene	11.38	225	19497	8.92	ng	# 90
35) Caprolactam	11.98	113	7496	8.03	ng	92
36) 4-Chloro-3-methylphenol	12.34	107	25412	7.50	ng	95
37) 2-Methylnaphthalene	12.70	142	45985	8.12	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	35018	8.24	ng	97
40) Hexachlorocyclopentadiene	13.04	237	4082	9.84	ng	84
42) 2,4,6-Trichlorophenol	13.40	196	20978	7.77	ng	92

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

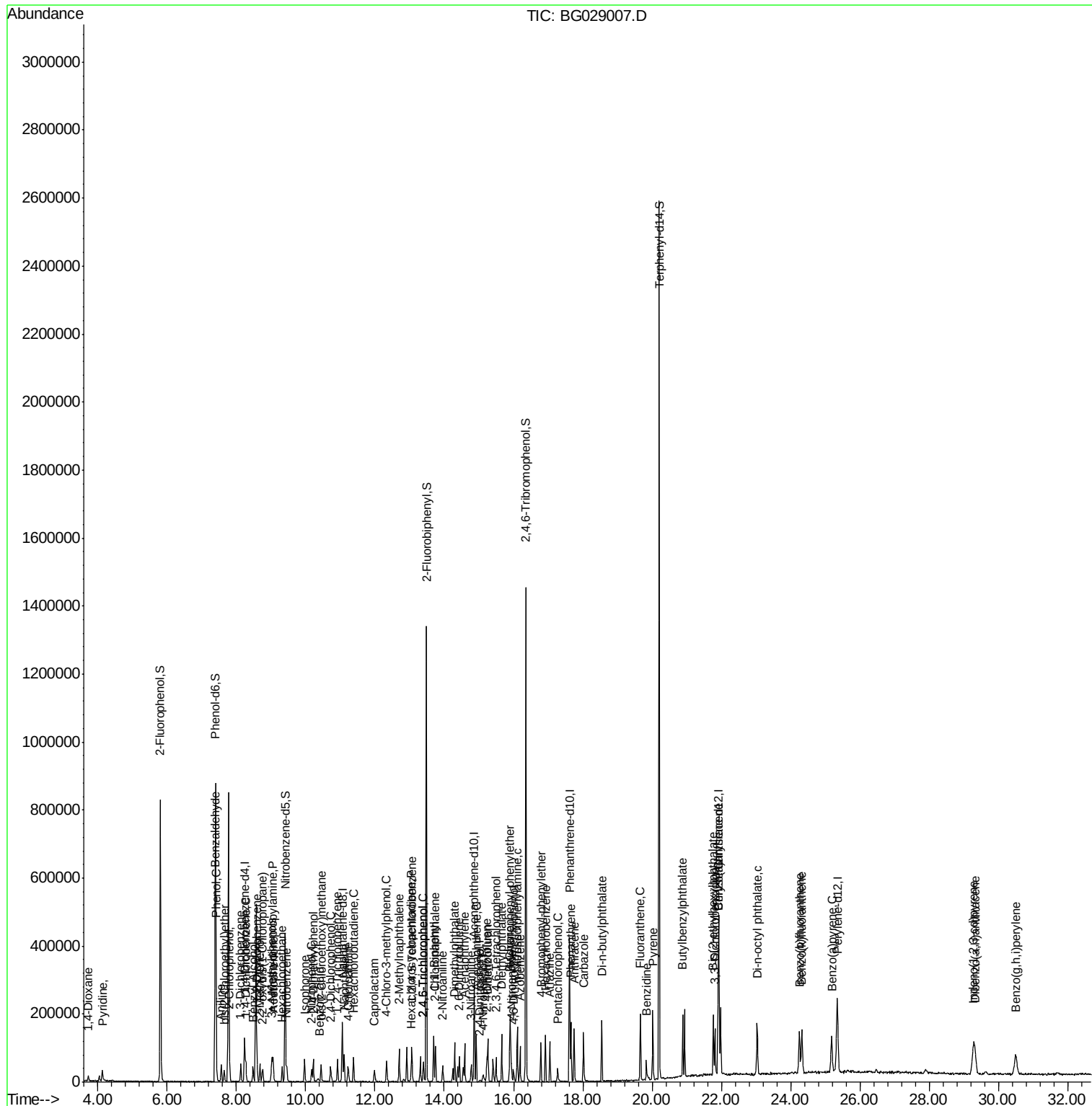
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43) 2,4,5-Trichlorophenol	13.40	196	20978	7.74	nq	90
45) 1,1'-Biphenyl	13.70	154	71667	8.37	nq	97
46) 2-Chloronaphthalene	13.74	162	52299	8.37	nq	98
47) 2-Nitroaniline	13.96	65	17639	7.60	nq	90
48) Acenaphthylene	14.59	152	84194	8.44	nq	# 91
49) Dimethylphthalate	14.30	163	73645	8.49	nq	97
50) 2,6-Dinitrotoluene	14.43	165	15596	8.08	nq	87
51) Acenaphthene	14.92	154	51473	8.49	nq	92
52) 3-Nitroaniline	14.77	138	14226	8.34	nq	# 70
53) 2,4-Dinitrophenol	15.02	184	1759	9.56	nq	# 67
54) Dibenzofuran	15.26	168	79910	8.27	nq	98
55) 4-Nitrophenol	15.13	139	8799	7.04	nq	# 80
56) 2,4-Dinitrotoluene	15.23	165	21715	8.00	nq	# 93
57) Fluorene	15.91	166	73461	8.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	17199	7.20	nq	# 97
59) Diethylphthalate	15.66	149	73662	8.27	nq	96
60) 4-Chlorophenyl-phenylether	15.89	204	40197	8.18	nq	94
61) 4-Nitroaniline	15.94	138	15132	8.37	nq	# 86
62) Azobenzene	16.19	77	64653	8.63	nq	90
64) 4,6-Dinitro-2-methylphenol	16.00	198	11510	6.89	nq	95
65) n-Nitrosodiphenylamine	16.11	169	62635	8.44	nq	95
66) 4-Bromophenyl-phenylether	16.79	248	27007	8.10	nq	93
67) Hexachlorobenzene	16.92	284	32649	8.61	nq	# 77
68) Atrazine	17.05	200	25185	7.90	nq	91
69) Pentachlorophenol	17.27	266	11141	6.50	nq	88
70) Phenanthrene	17.66	178	110823	8.37	nq	95
71) Anthracene	17.75	178	113141	8.46	nq	96
72) Carbazole	18.02	167	104923	8.71	nq	# 94
73) Di-n-butylphthalate	18.55	149	124874	8.45	nq	# 94
74) Fluoranthene	19.66	202	139213	8.61	nq	91
76) Benzidine	19.84	184	39474	5.30	nq	# 92
77) Pyrene	20.02	202	147000	8.87	nq	93
79) Butylbenzylphthalate	20.88	149	54927	8.21	nq	87
80) Benzo(a)anthracene	21.90	228	147509	8.53	nq	92
81) 3,3'-Dichlorobenzidine	21.81	252	54854	7.83	nq	93
82) Chrysene	21.90	228	147509	8.99	nq	90
83) Bis(2-ethylhexyl)phthalate	21.76	149	74223	7.80	nq	# 98
84) Di-n-octyl phthalate	23.03	149	125762	7.57	nq	# 90
85) Indeno(1,2,3-cd)pyrene	29.26	276	81481	3.87	nq	# 81
87) Benzo(b)fluoranthene	24.25	252	135183	8.20	nq	97
88) Benzo(k)fluoranthene	24.32	252	141167	8.57	nq	97
89) Benzo(a)pyrene	25.18	252	128998	8.24	nq	99
90) Dibenzo(a,h)anthracene	29.32	278	132832	8.14	nq	# 93
91) Benzo(g,h,i)perylene	30.48	276	130738	8.21	nq	98

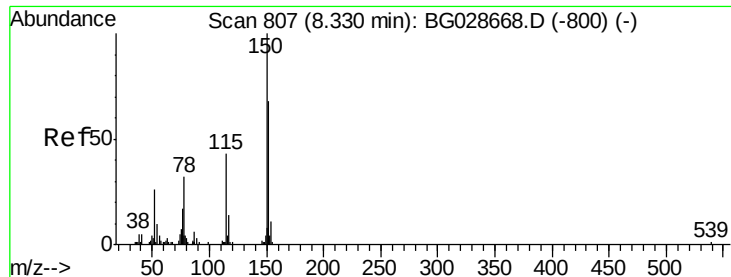
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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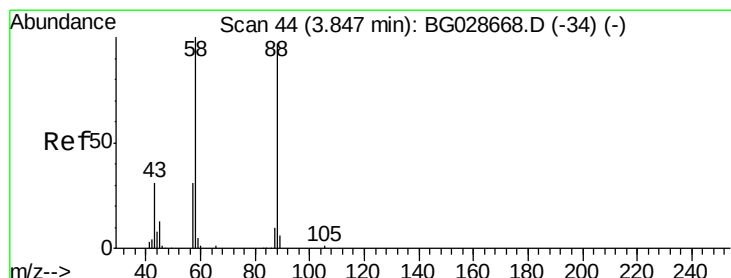
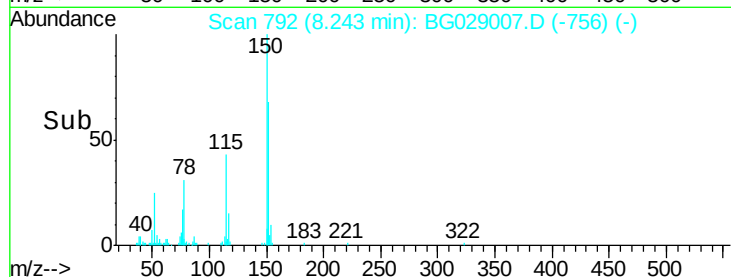
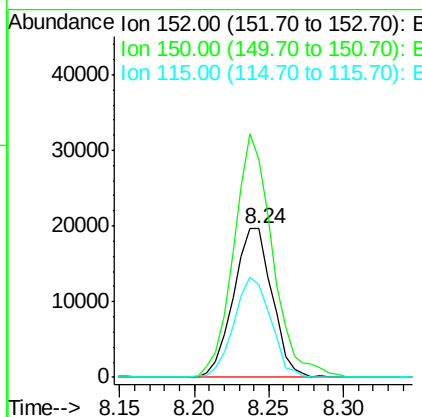
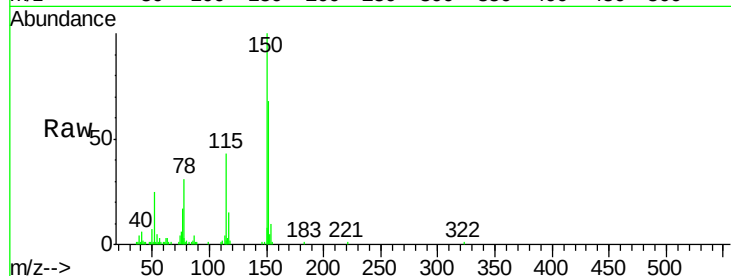


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :

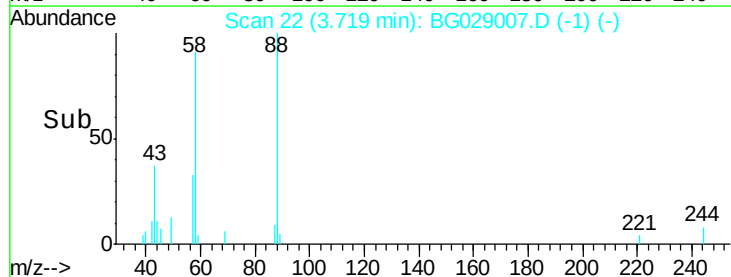
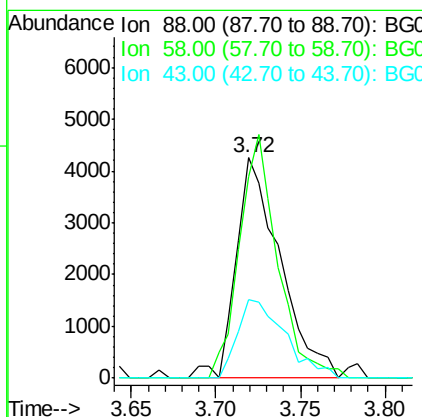
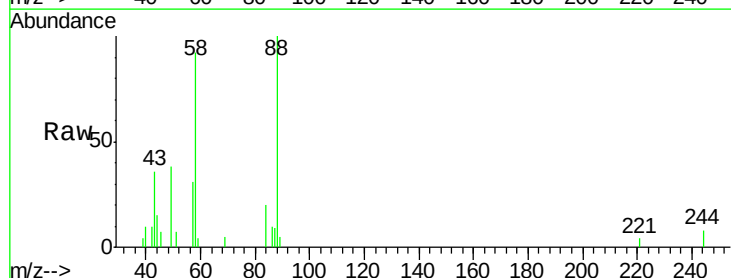
Tot Ion:152 Resp: 35423
Ion Ratio Lower Upper
152 100
150 146.5 114.0 171.0
115 62.7 48.1 72.1

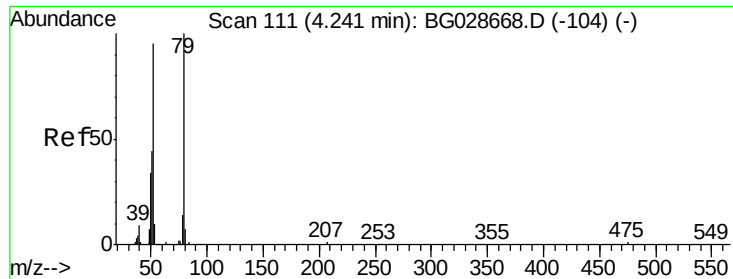


#2

1,4-Dioxane
Concen: 8.85 ng
RT: 3.72 min Scan# 22
Delta R.T. -0.13 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion: 88 Resp: 7698
Ion Ratio Lower Upper
88 100
58 96.2 79.4 119.2
43 38.3 33.8 50.6





#3

Pvridine

Concen: 7.96 ng

RT: 4.12 min Scan# 91

Delta R.T. -0.12 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

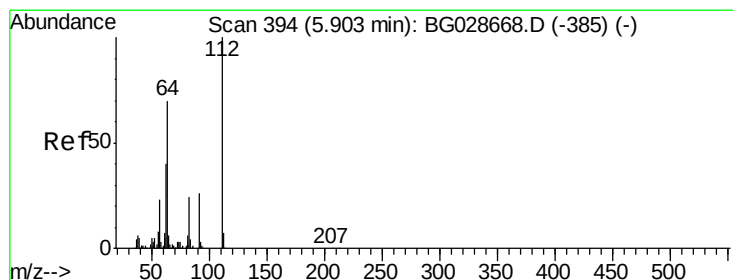
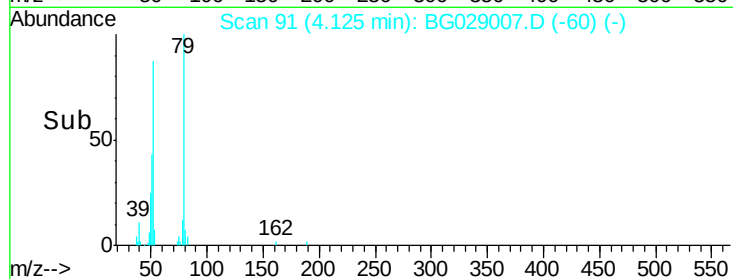
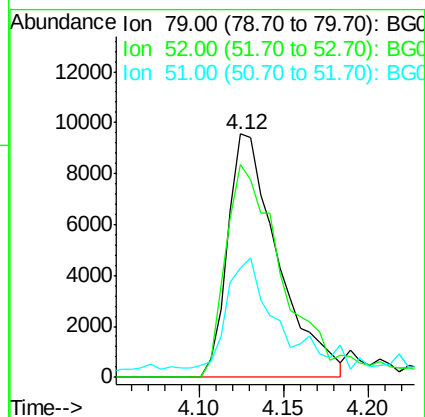
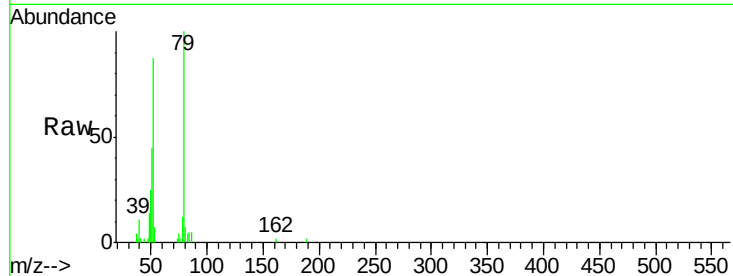
Tot Ion: 79 Resp: 19750

Ion Ratio Lower Upper

79 100

52 87.5 77.8 116.6

51 44.9 43.2 64.8



#5

2-Fluorophenol

Concen: 168.25 ng

RT: 5.81 min Scan# 377

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

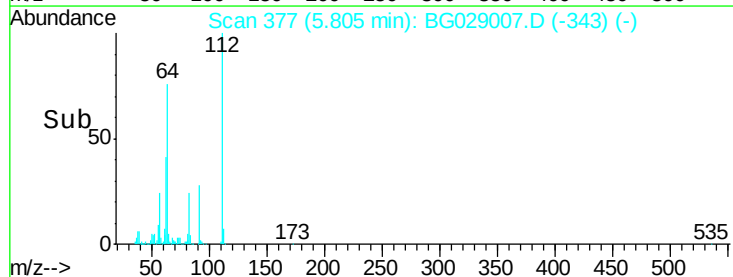
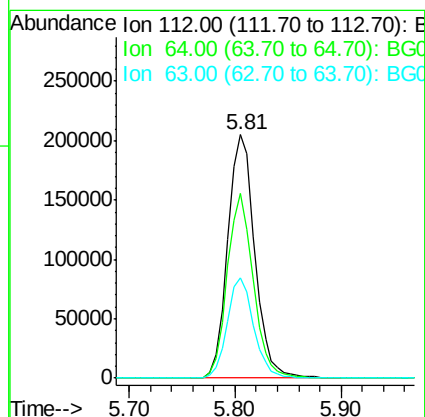
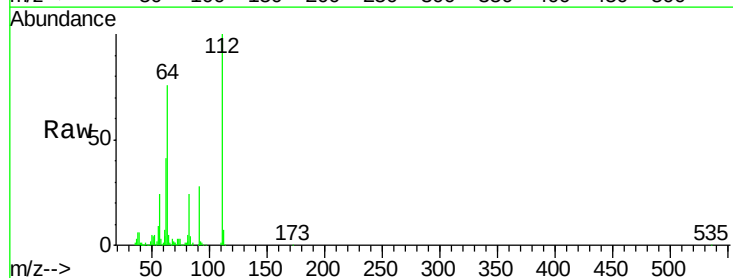
Tgt Ion: 112 Resp: 361202

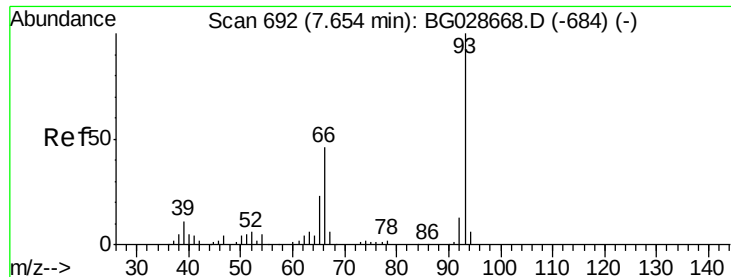
Ion Ratio Lower Upper

112 100

64 75.9 61.8 92.6

63 41.1 37.2 55.8





#6

Aniline

Concen: 8.34 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampled :

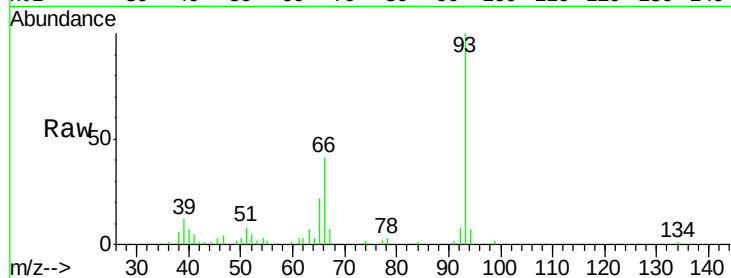
Tot Ion: 93 Resp: 31370

Ion Ratio Lower Upper

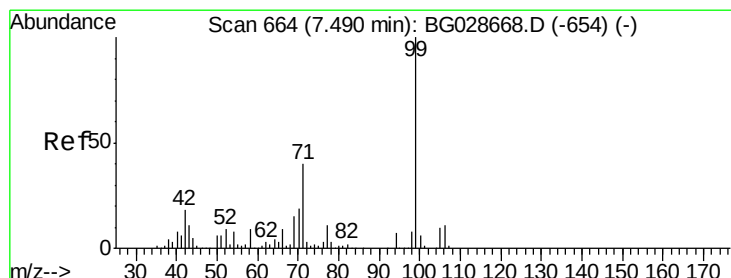
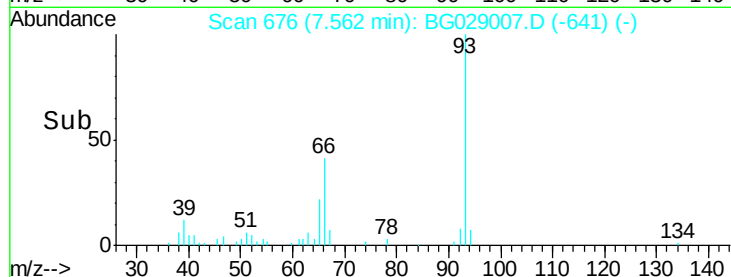
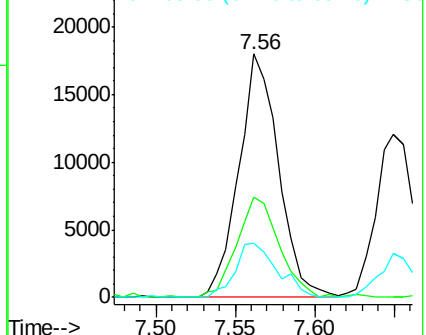
93 100

66 41.0 35.4 53.2

65 22.1 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: 155.98 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

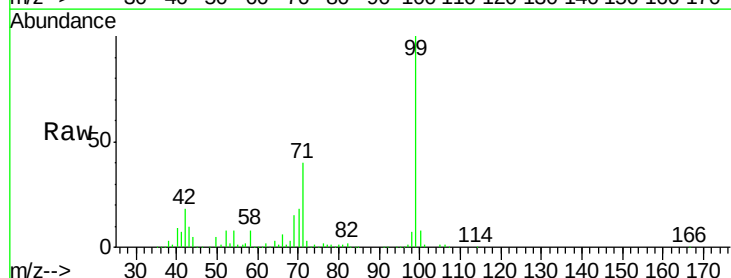
Tgt Ion: 99 Resp: 504173

Ion Ratio Lower Upper

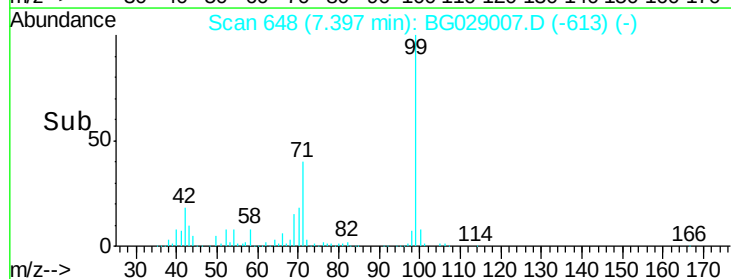
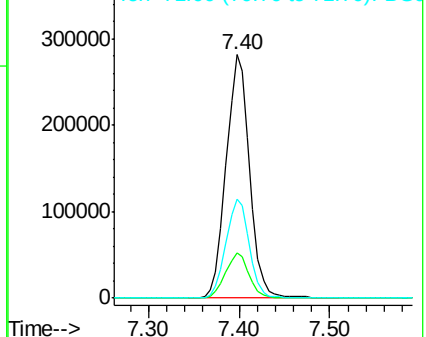
99 100

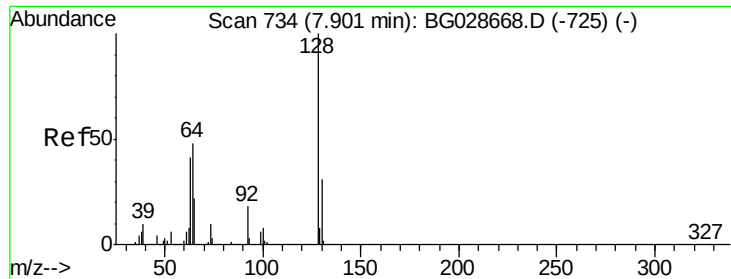
42 18.4 20.5 30.7#

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: 8.18 ng

RT: 7.81 min Scan# 718

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

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ClientSampleId :

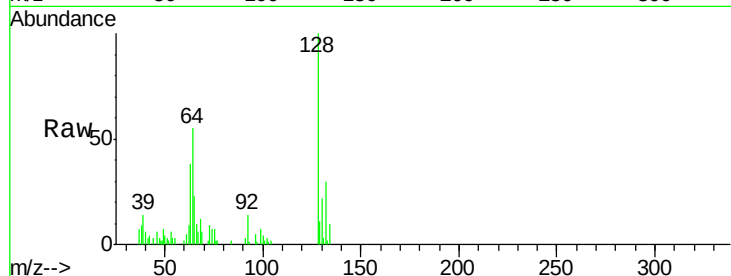
Tot Ion:128 Resp: 19586

Ion Ratio Lower Upper

128 100

130 22.2 11.4 51.4

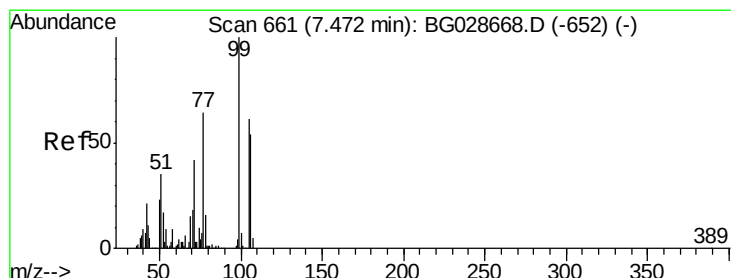
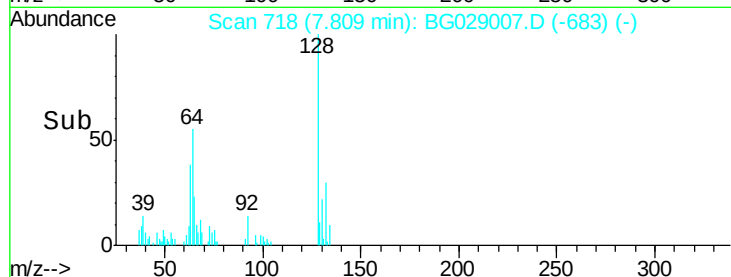
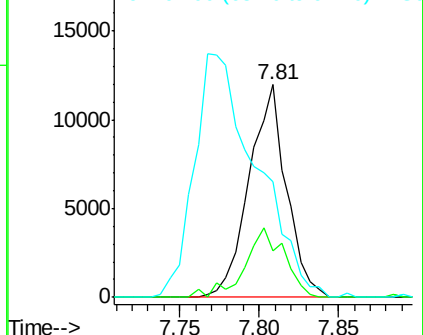
64 54.7 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 6.05 ng

RT: 7.38 min Scan# 645

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

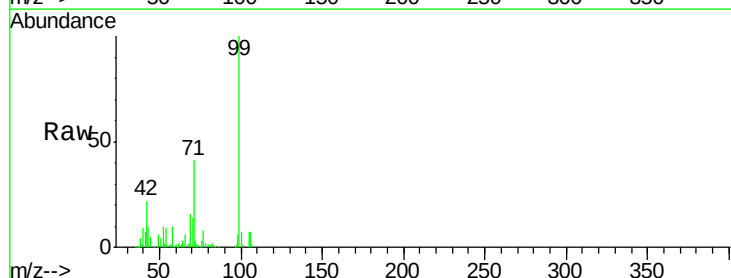
Tgt Ion: 77 Resp: 12135

Ion Ratio Lower Upper

77 100

105 85.3 60.9 100.9

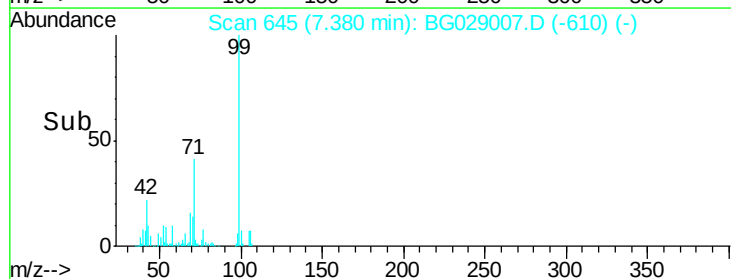
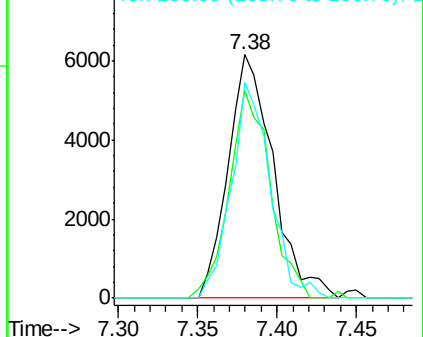
106 88.6 55.1 95.1

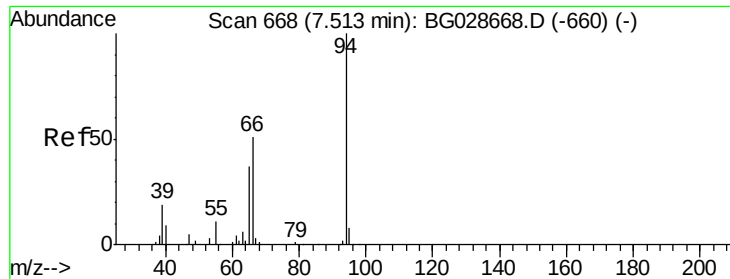


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.23 ng

RT: 7.42 min Scan# 652

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampled :

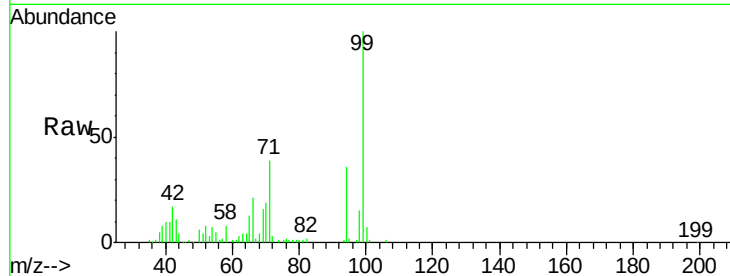
Tot Ion: 94 Resp: 28083

Ion Ratio Lower Upper

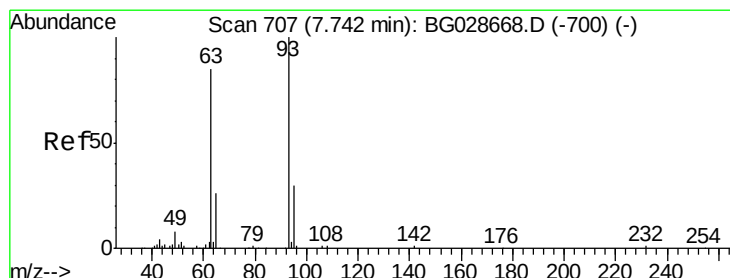
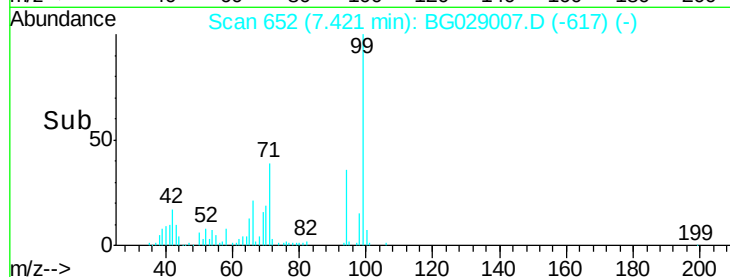
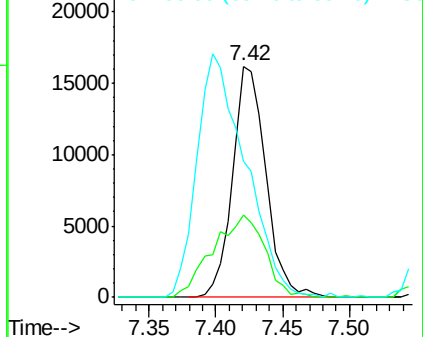
94 100

65 35.4 20.6 60.6

66 58.6 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: 8.24 ng

RT: 7.65 min Scan# 691

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

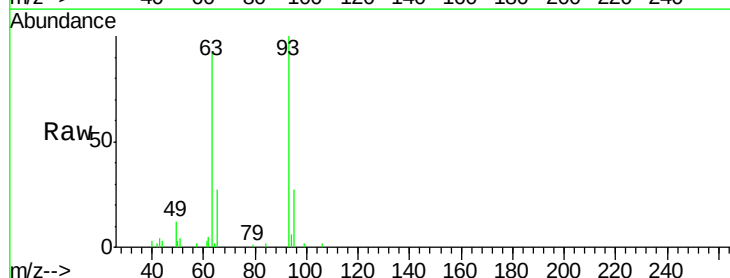
Tgt Ion: 93 Resp: 20187

Ion Ratio Lower Upper

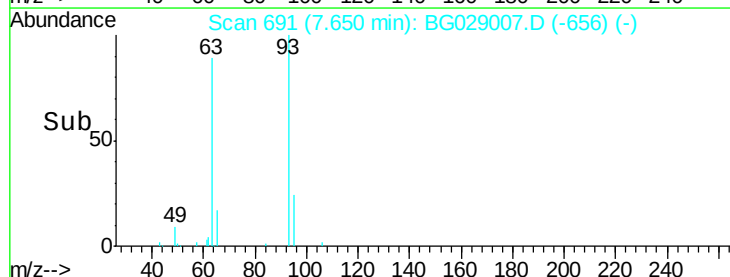
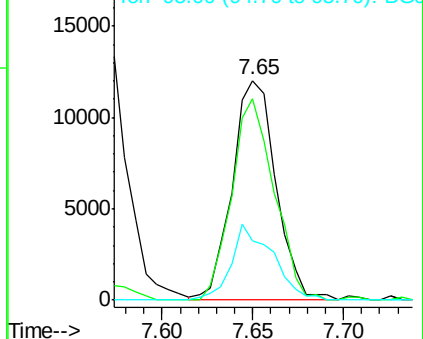
93 100

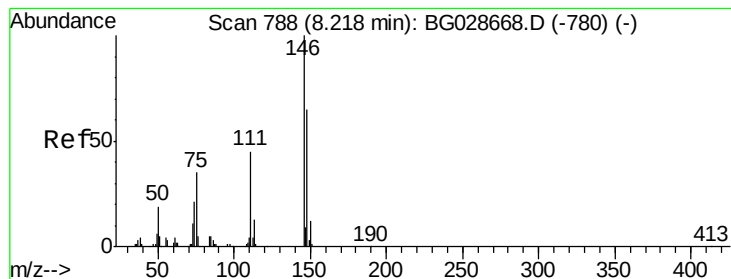
63 91.6 78.5 118.5

95 26.8 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 8.89 ng

RT: 8.13 min Scan# 772

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampled :

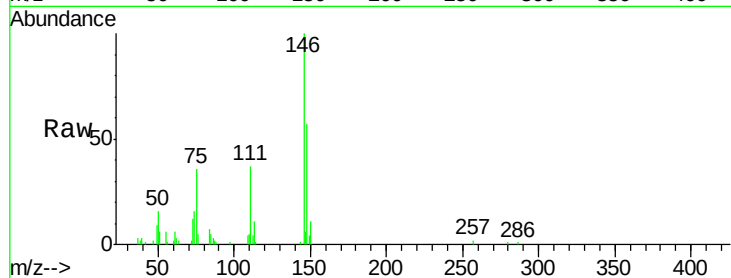
Tot Ion:146 Resp: 22912

Ion Ratio Lower Upper

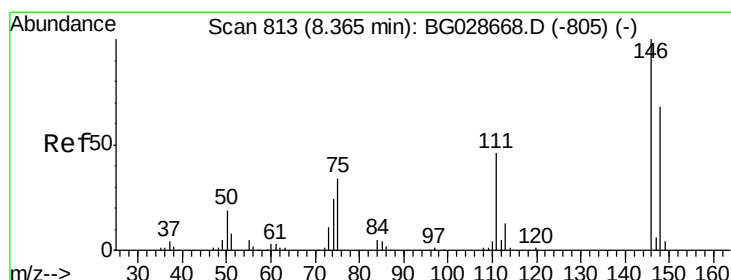
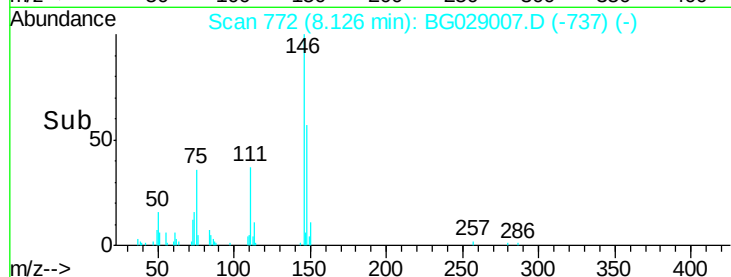
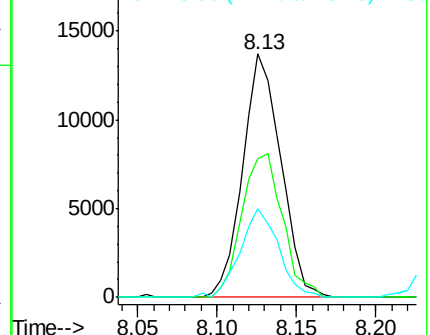
146 100

148 57.0 49.2 73.8

75 36.3 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 8.40 ng

RT: 8.27 min Scan# 797

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

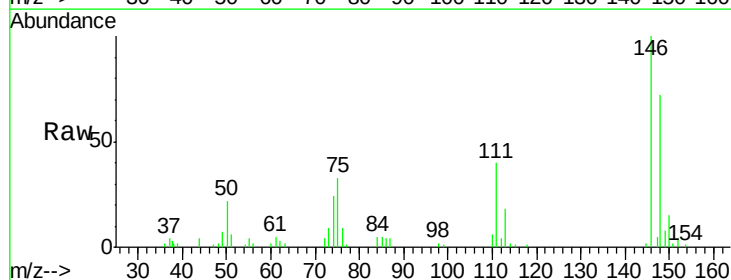
Tgt Ion:146 Resp: 22270

Ion Ratio Lower Upper

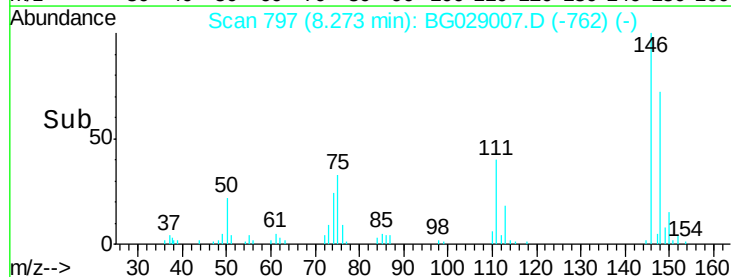
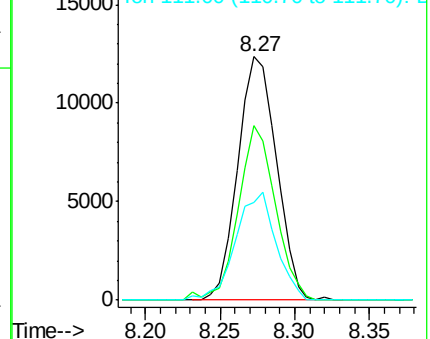
146 100

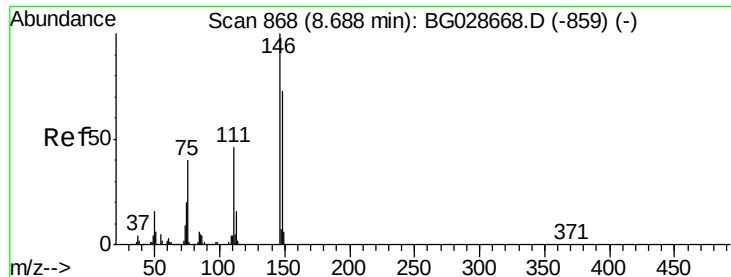
148 71.8 52.2 78.2

111 40.2 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

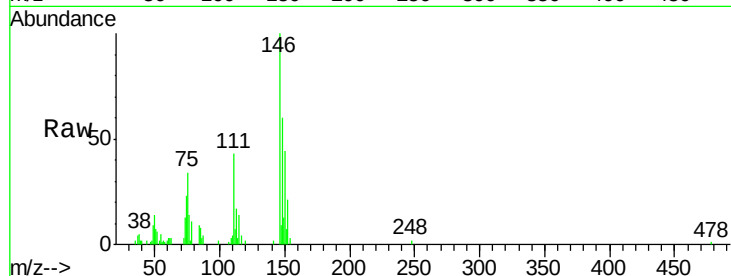




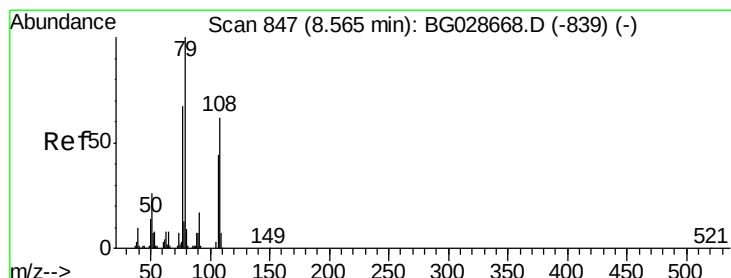
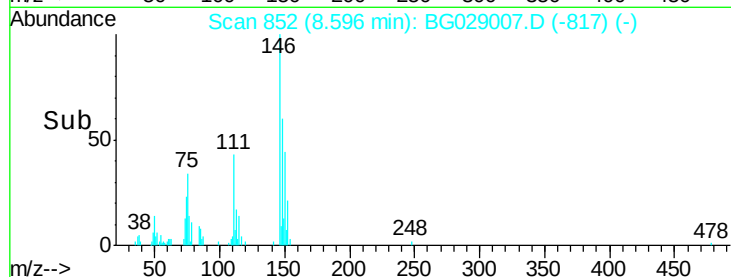
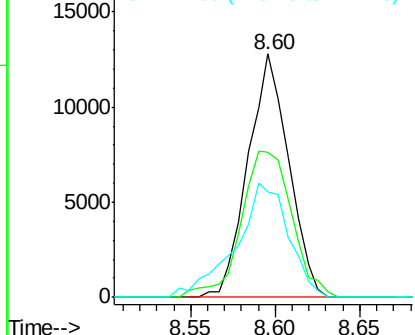
#14
 1,2-Dichlorobenzene
 Concen: 8.16 ng
 RT: 8.60 min Scan# 852
 Delta R.T. -0.09 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 21374
 Ion Ratio Lower Upper
 146 100
 148 59.8 54.6 81.8
 111 43.3 39.7 59.5

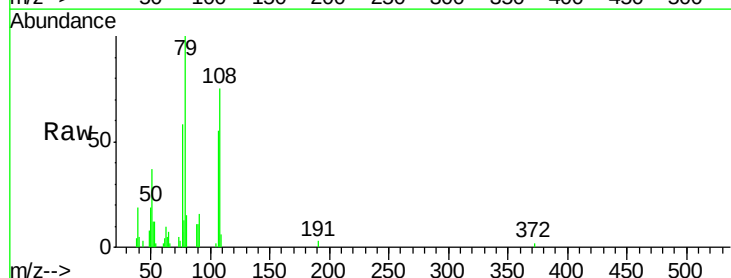


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

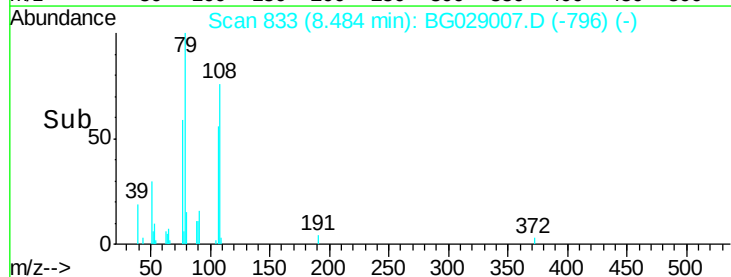
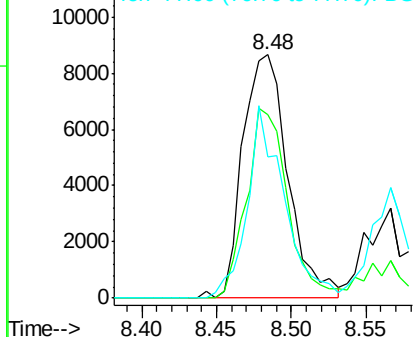


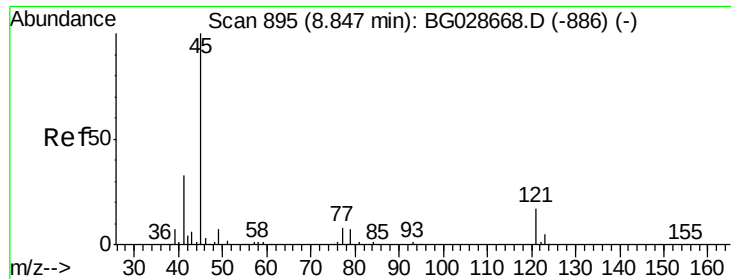
#15
 Benzyl Alcohol
 Concen: 7.18 ng
 RT: 8.48 min Scan# 833
 Delta R.T. -0.08 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion: 79 Resp: 18105
 Ion Ratio Lower Upper
 79 100
 108 75.1 45.5 68.3#
 77 58.0 54.3 81.5



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

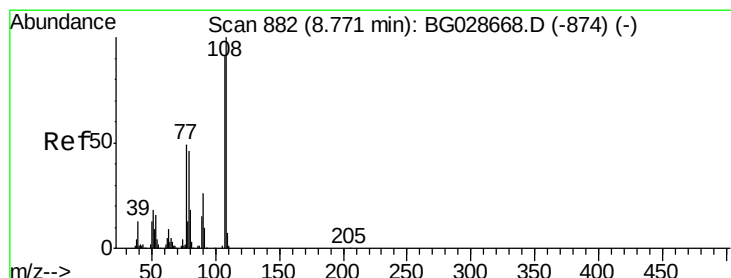
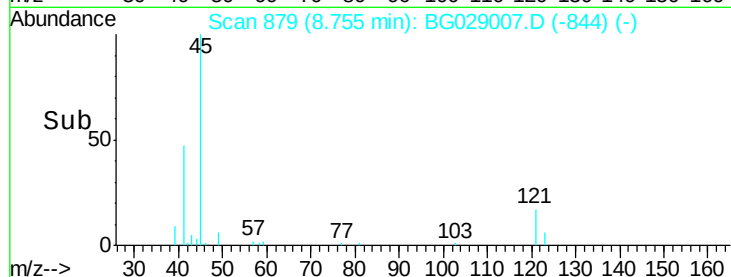
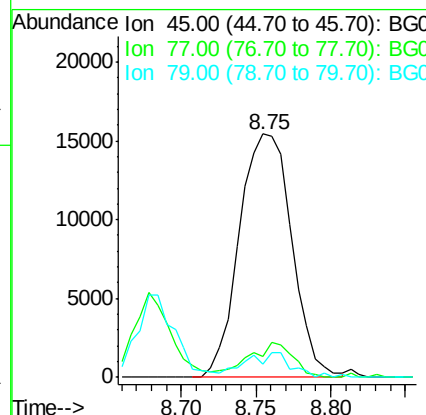
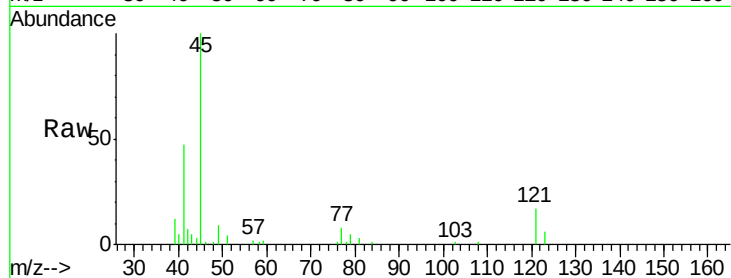




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 8.44 ng
RT: 8.75 min Scan# 879
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

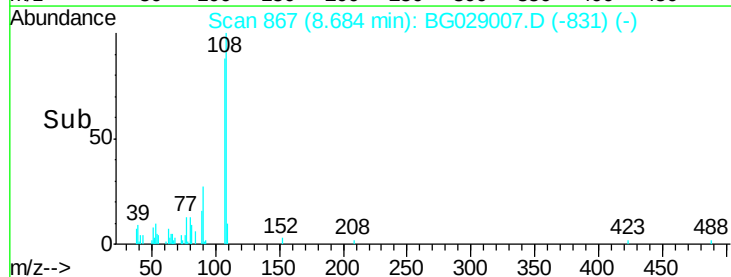
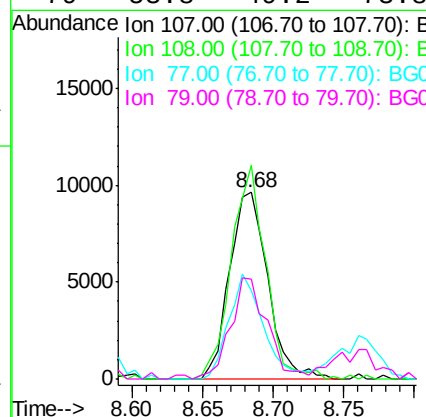
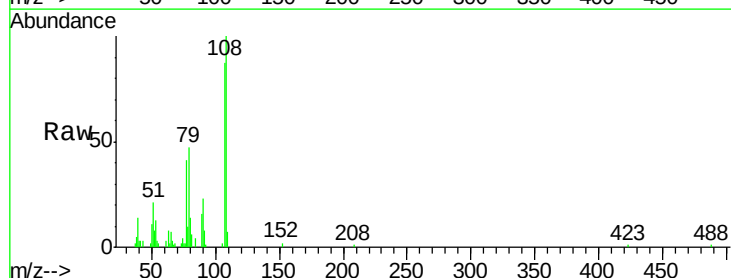
Instrument :
BNA_G
ClientSampleId :

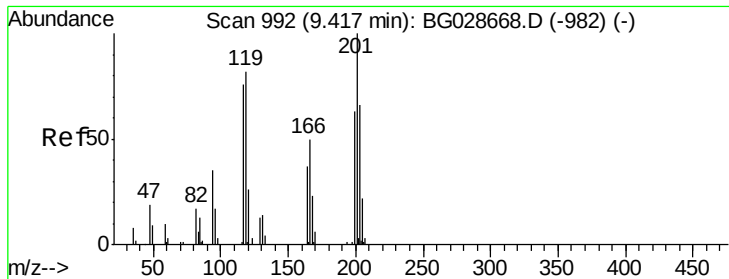
Tot Ion	45	Resp	37584
Ion Ratio	100	Lower	Upper
77	8.5	0.0	30.6
79	5.4	0.0	28.5



#17
2-Methylphenol
Concen: 8.16 ng
RT: 8.68 min Scan# 867
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion	107	Resp	18184
Ion Ratio	100	Lower	Upper
108	114.4	85.6	128.4
77	47.2	51.4	77.2#
79	53.8	49.2	73.8





#18

Hexachloroethane

Concen: 8.38 ng

RT: 9.32 min Scan# 975

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

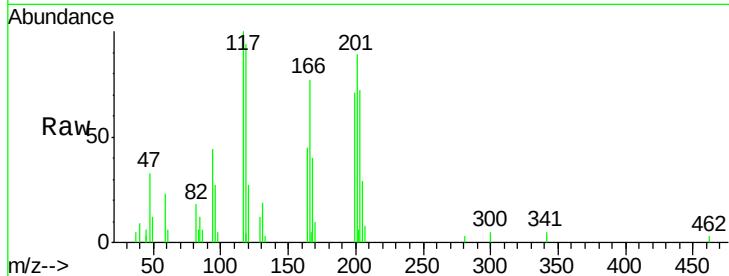
Tot Ion:117 Resp: 8135

Ion Ratio Lower Upper

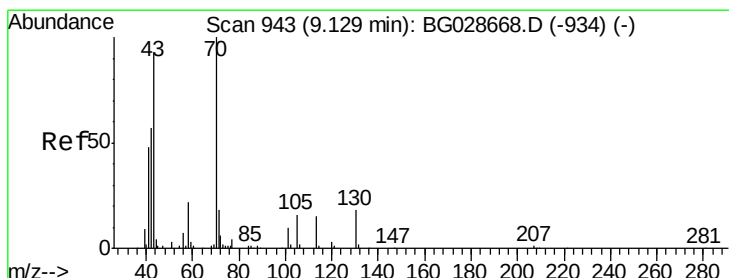
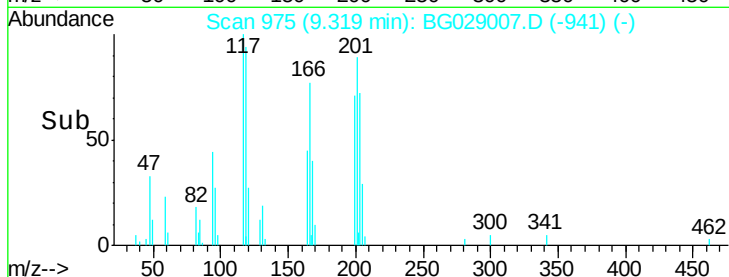
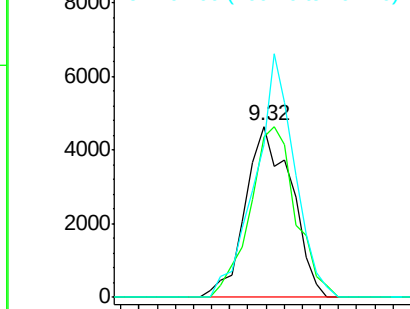
117 100

119 93.9 69.8 104.6

201 89.3 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: 8.47 ng

RT: 9.04 min Scan# 927

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Tgt Ion: 70 Resp: 19415

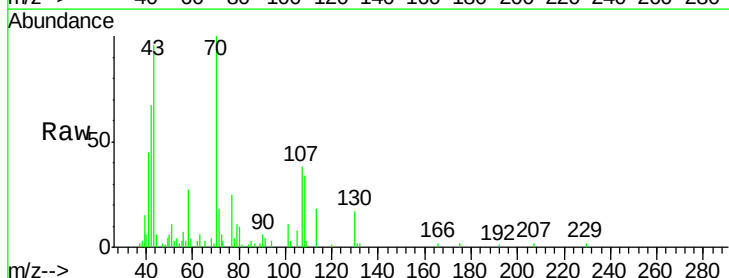
Ion Ratio Lower Upper

70 100

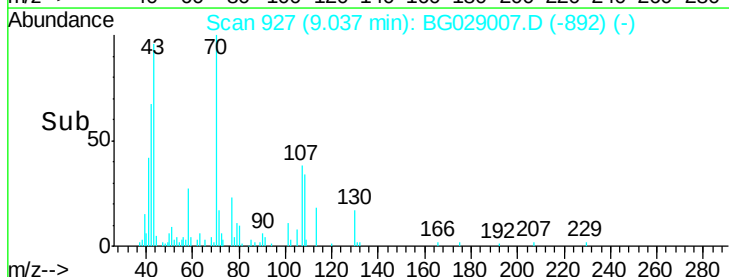
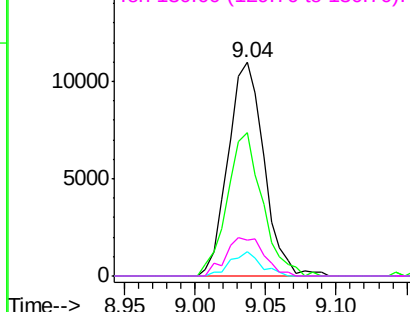
42 67.2 56.1 84.1

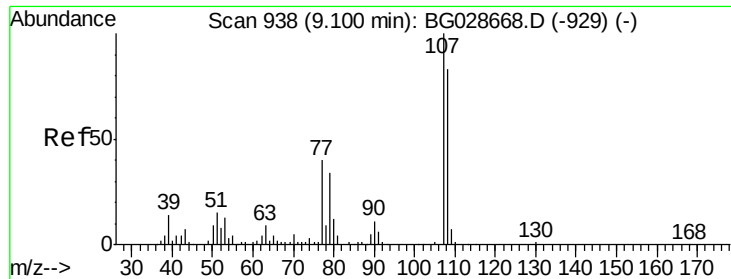
101 11.4 7.5 11.3#

130 16.8 14.6 21.8



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

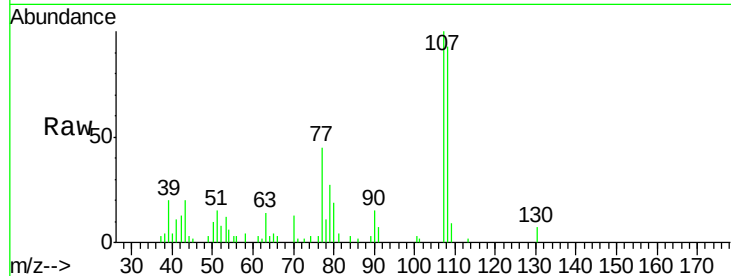




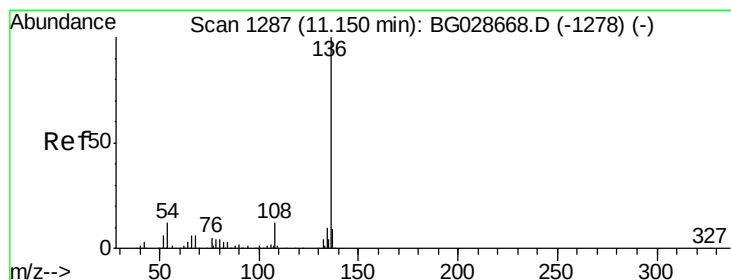
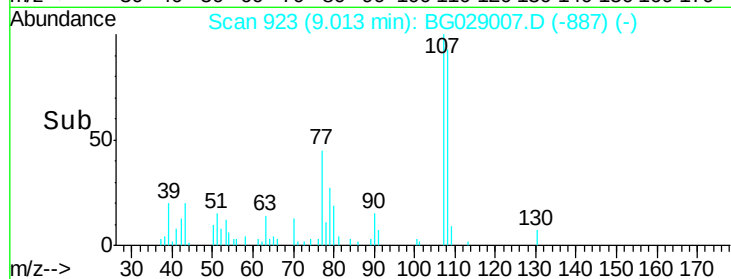
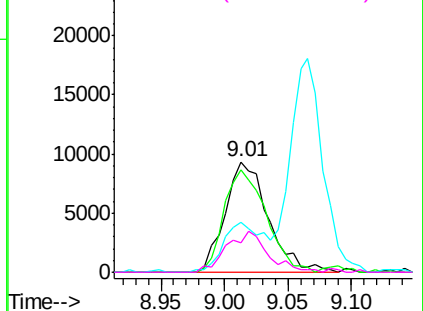
#20
3+4-Methylphenols
Concen: 7.02 ng
RT: 9.01 min Scan# 923
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	21876
Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.8	110.8
77	44.9	25.8	65.8
79	26.9	20.1	60.1



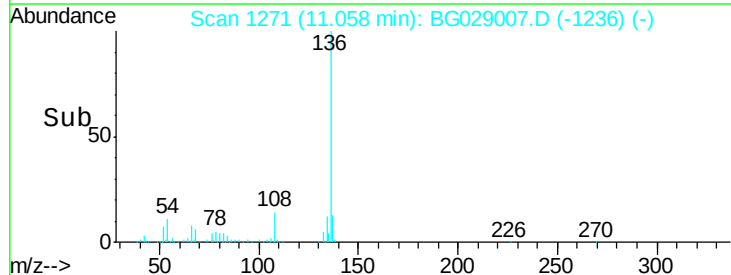
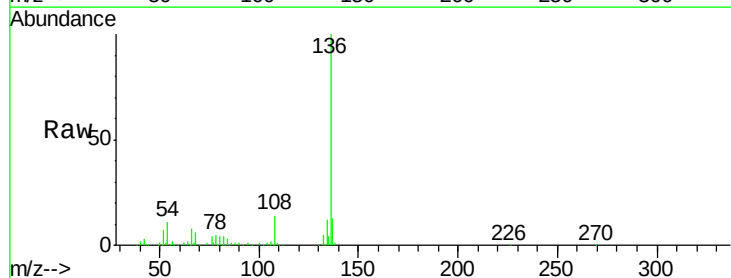
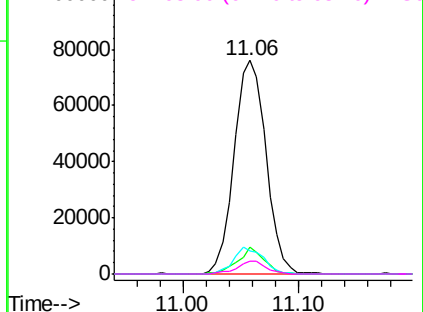
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

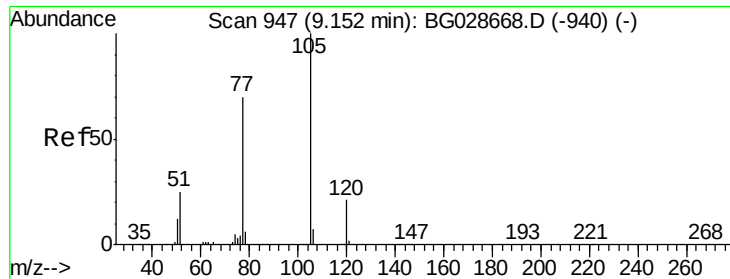


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:	136	Resp:	145223
Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.9	13.3
54	10.9	9.3	13.9
68	5.9	5.1	7.7

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





#22

Acetophenone

Concen: 8.49 ng

RT: 9.06 min Scan# 931

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 36030

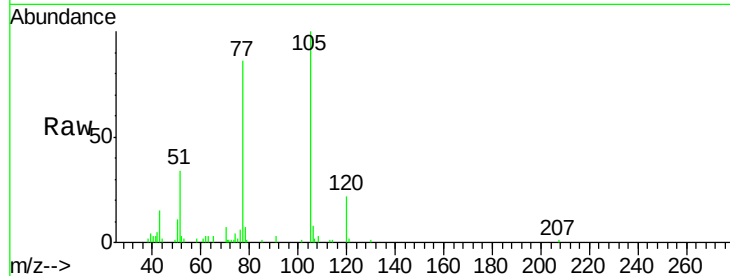
Ion Ratio Lower Upper

105 100

71 1.8 0.9 1.3#

51 34.4 34.0 51.0

120 22.0 17.3 25.9

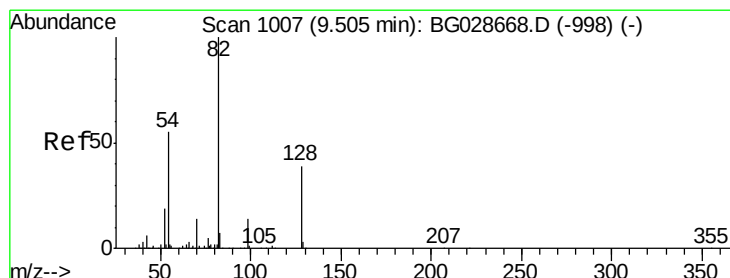
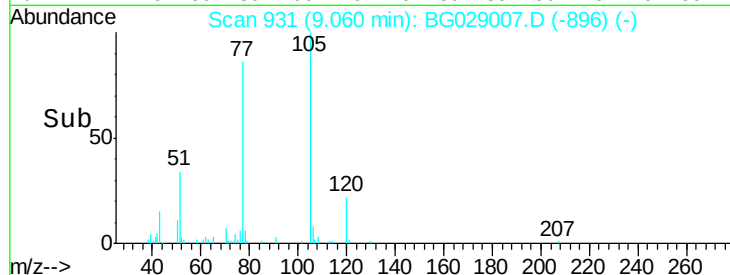
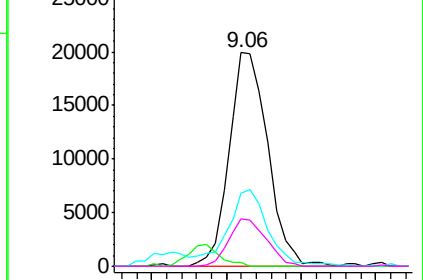


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 92.36 ng

RT: 9.41 min Scan# 990

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

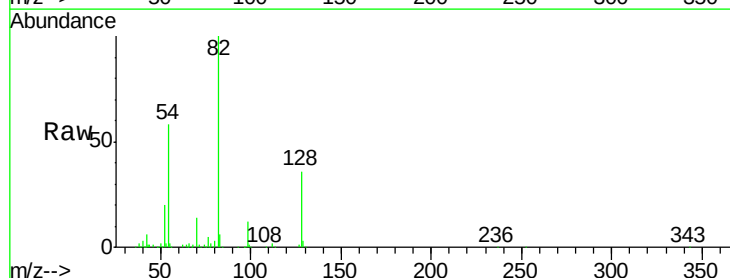
Tgt Ion: 82 Resp: 280398

Ion Ratio Lower Upper

82 100

128 35.9 26.4 39.6

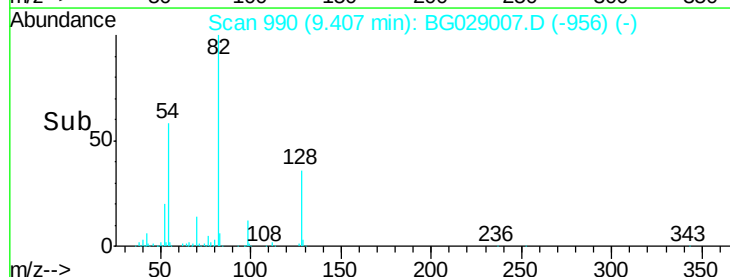
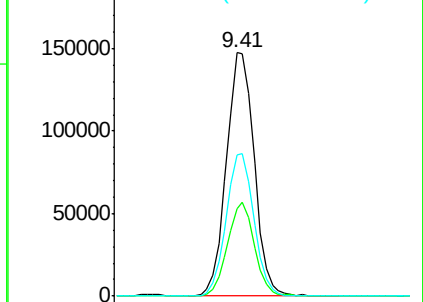
54 57.9 49.4 74.2

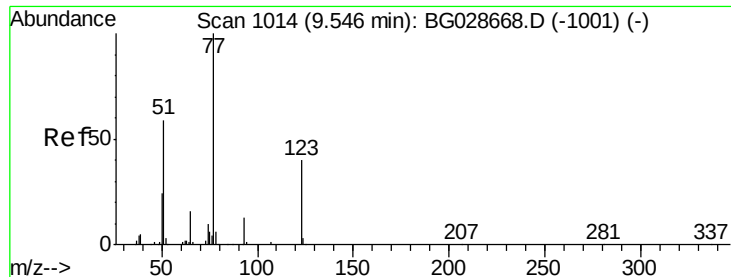


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

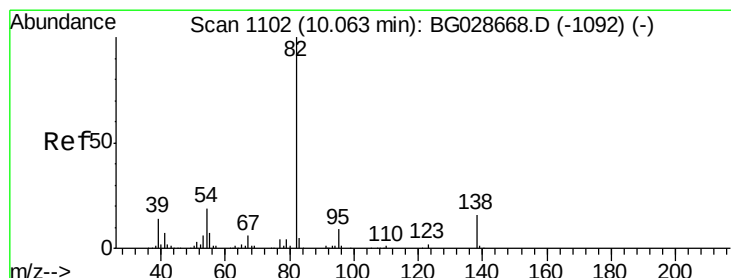
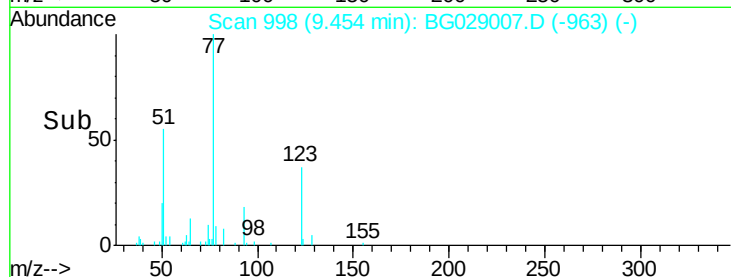
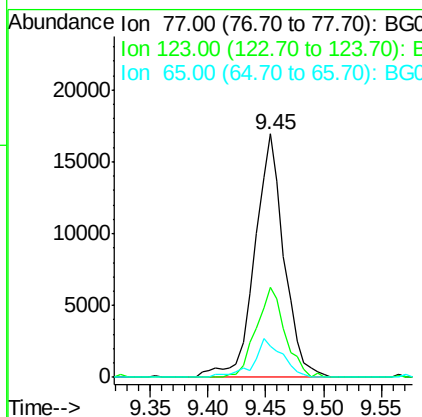
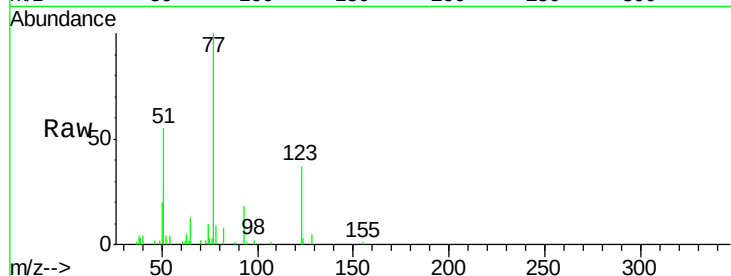




#24
 Nitrobenzene
 Concen: 8.91 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.09 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

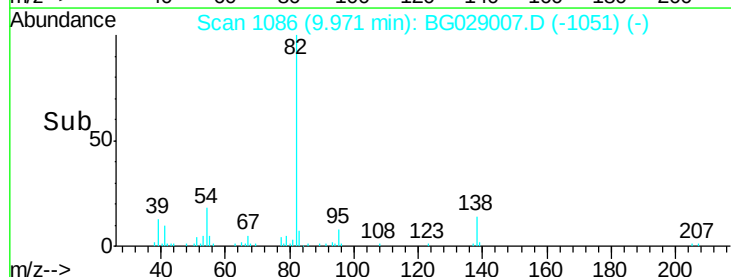
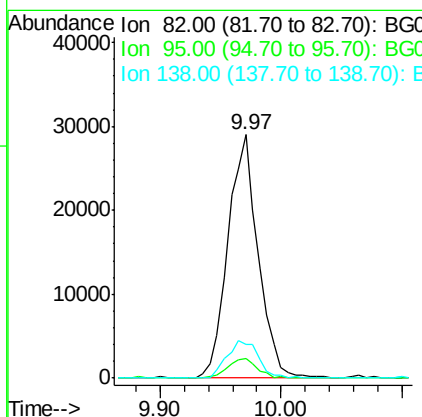
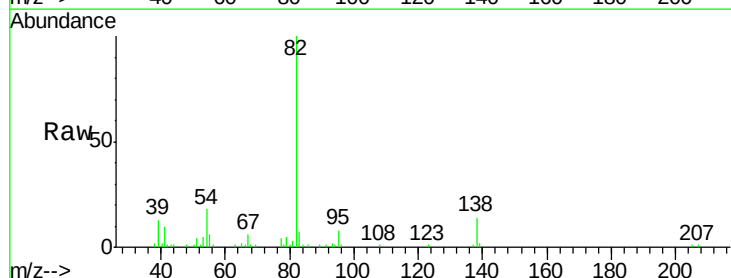
Instrument :
 BNA_G
 ClientSampleId :

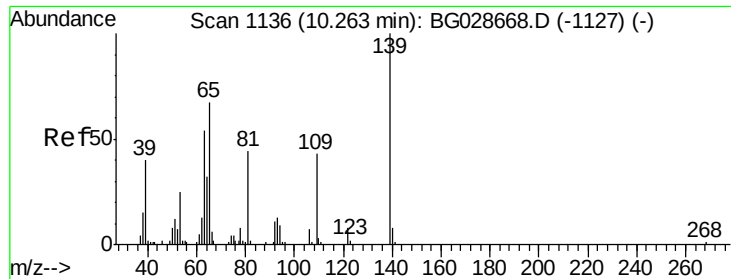
Tot Ion	Ratio	Lower	Upper
77	100		
123	37.0	26.1	39.1
65	13.0	12.4	18.6



#25
 Isophorone
 Concen: 8.20 ng
 RT: 9.97 min Scan# 1086
 Delta R.T. -0.09 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	7.5	11.3
138	13.9	12.3	18.5

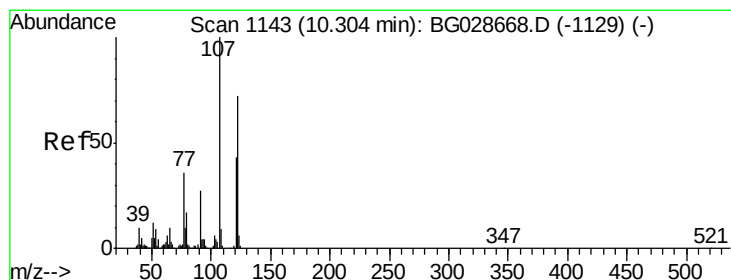
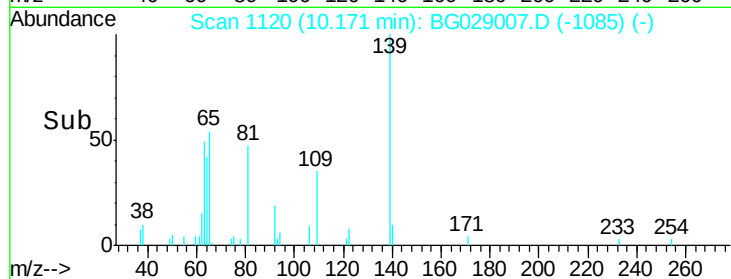
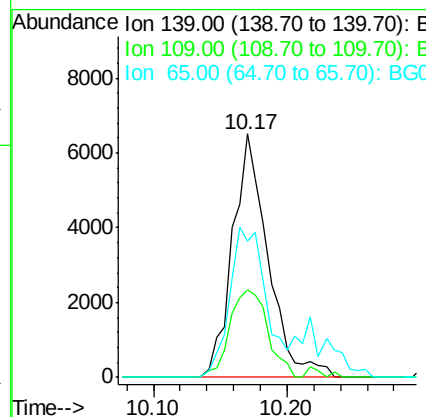
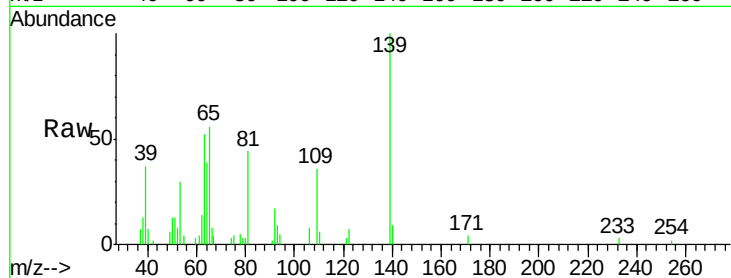




#26
2-Nitrophenol
Concen: 8.43 ng
RT: 10.17 min Scan# 1120
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

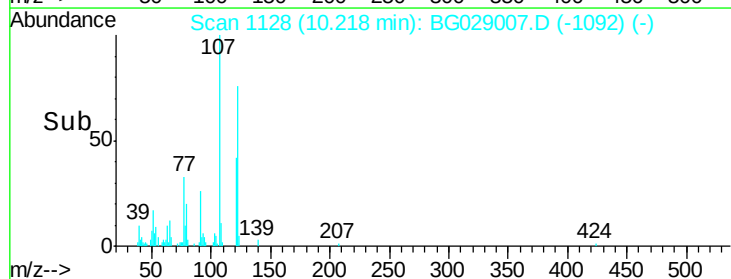
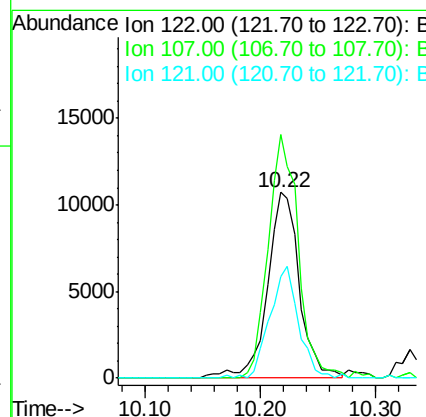
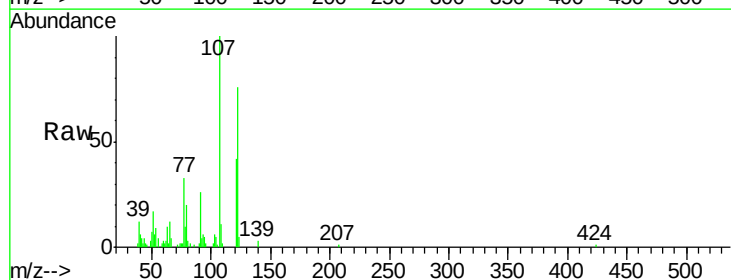
Instrument :
BNA_G
ClientSampleId :

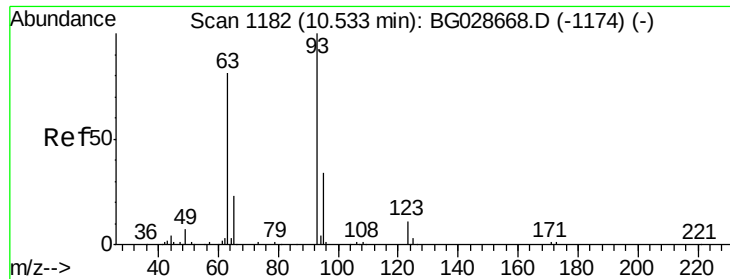
Tot Ion:139 Resp: 12059
Ion Ratio Lower Upper
139 100
109 35.7 38.6 58.0#
65 55.9 57.1 85.7#



#27
2,4-Dimethylphenol
Concen: 7.91 ng
RT: 10.22 min Scan# 1128
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:122 Resp: 20685
Ion Ratio Lower Upper
122 100
107 131.2 104.2 156.4
121 54.9 46.0 69.0

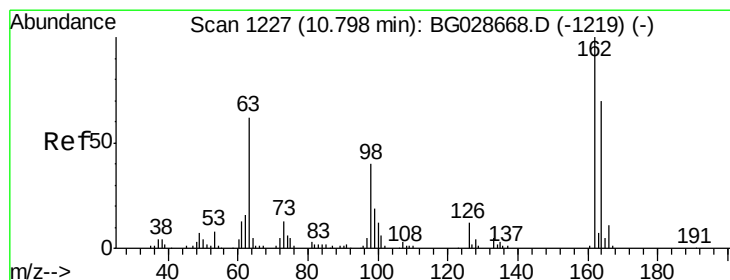
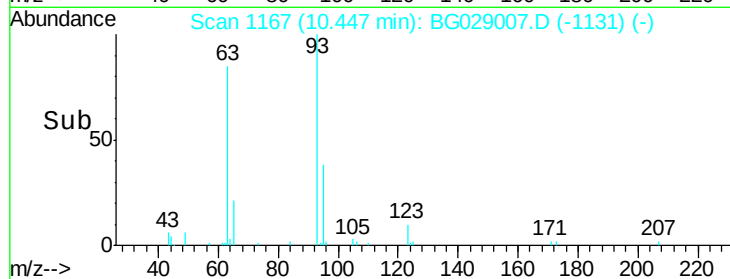
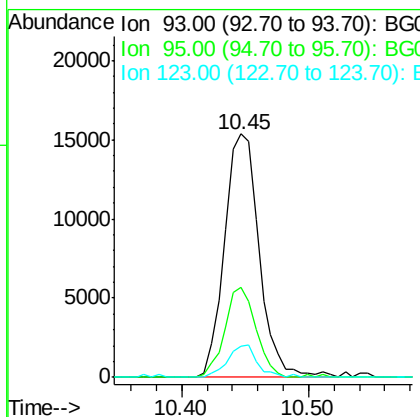
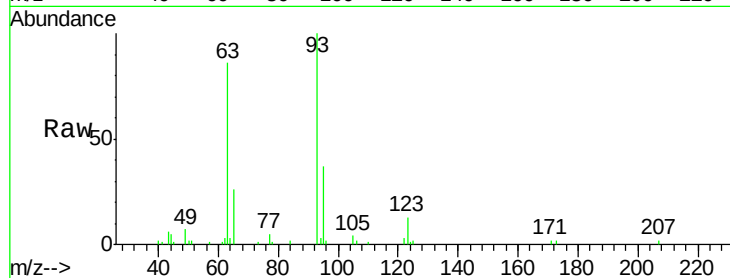




#28
bis(2-Chloroethoxy)methane
Concen: 8.69 ng
RT: 10.45 min Scan# 1167
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

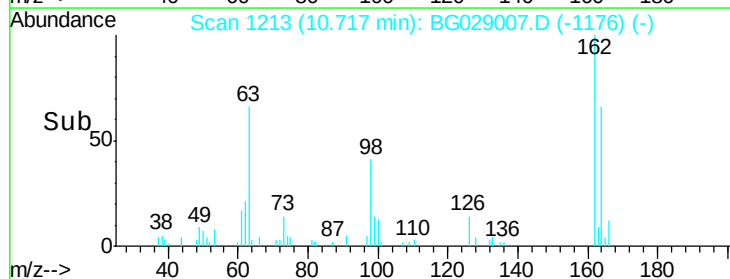
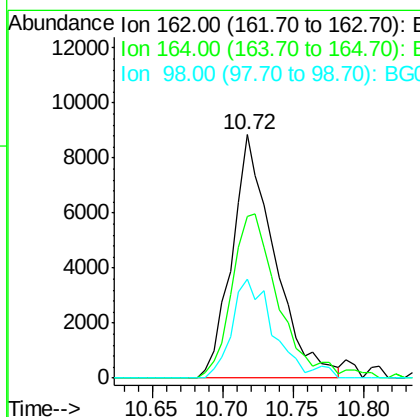
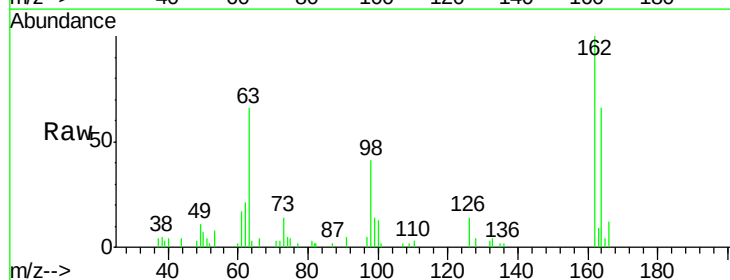
Instrument :
BNA_G
ClientSampleId :

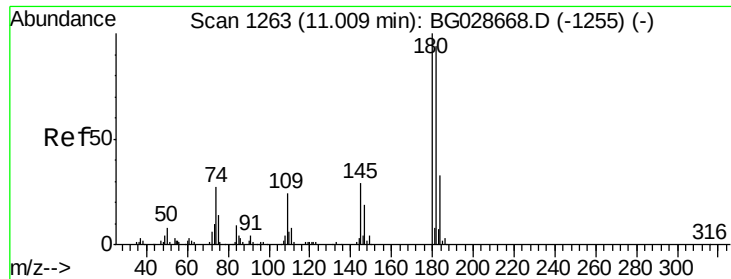
Tot Ion: 93 Resp: 28991
Ion Ratio Lower Upper
93 100
95 37.0 25.7 38.5
123 13.0 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 7.14 ng
RT: 10.72 min Scan# 1213
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion: 162 Resp: 18590
Ion Ratio Lower Upper
162 100
164 66.3 42.4 82.4
98 40.8 20.3 60.3

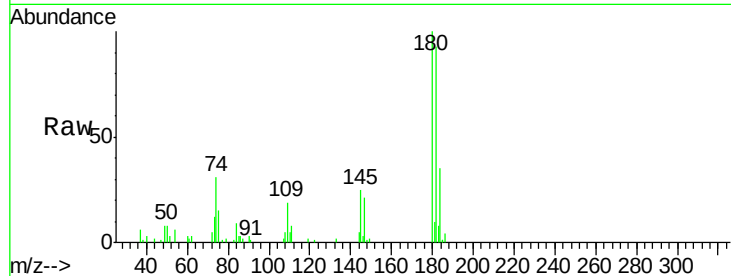




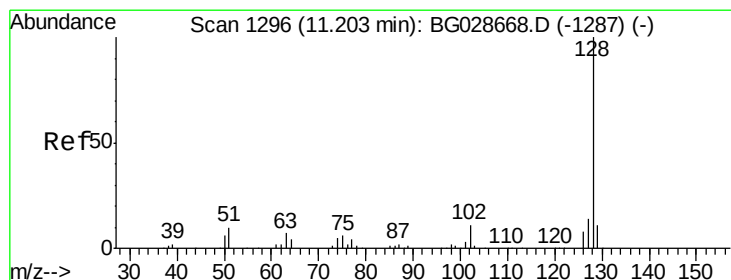
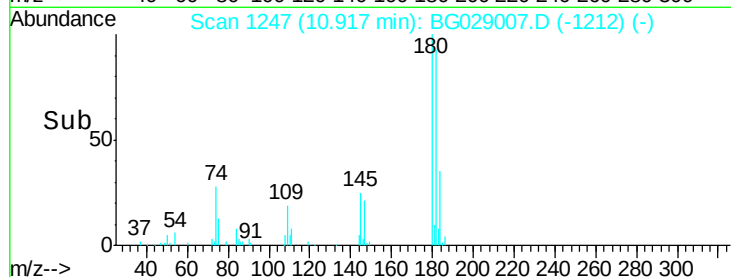
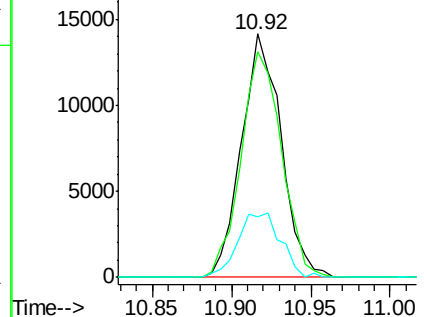
#30
 1,2,4-Trichlorobenzene
 Concen: 8.28 ng
 RT: 10.92 min Scan# 1247
 Delta R.T. -0.09 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 24566
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.0 115.4
 145 24.7 23.4 35.0

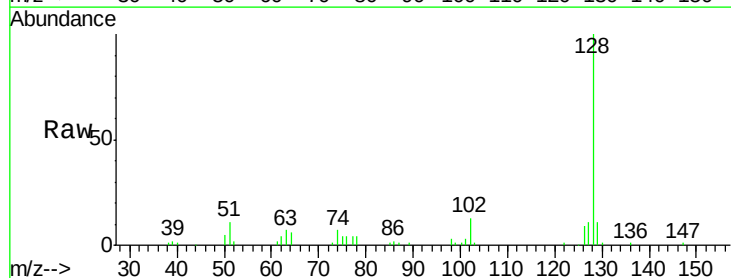


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

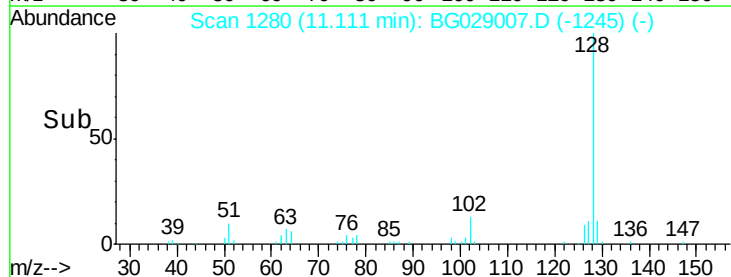
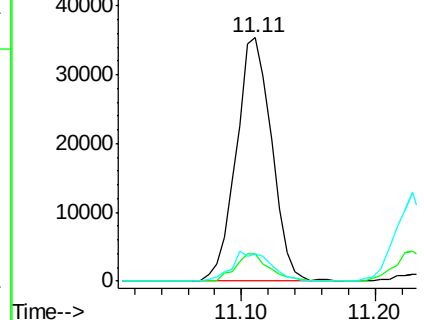


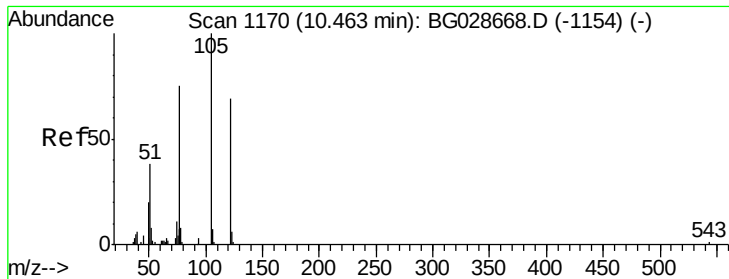
#31
 Naphthalene
 Concen: 8.57 ng
 RT: 11.11 min Scan# 1280
 Delta R.T. -0.09 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion:128 Resp: 64995
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.3 13.9
 127 11.3 11.4 17.0#



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

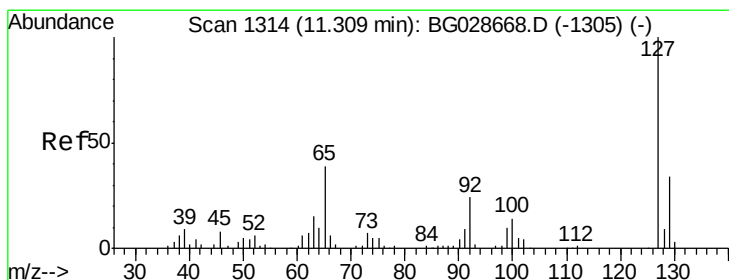
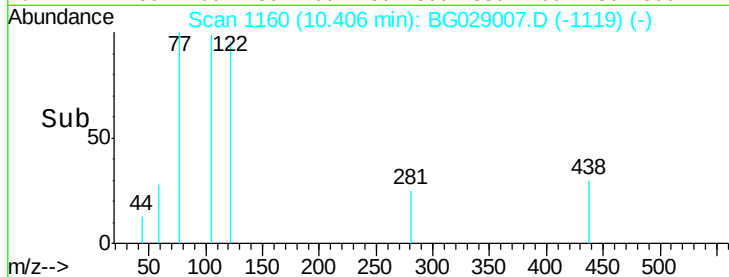
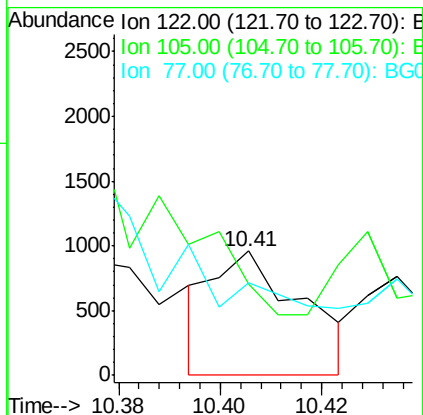
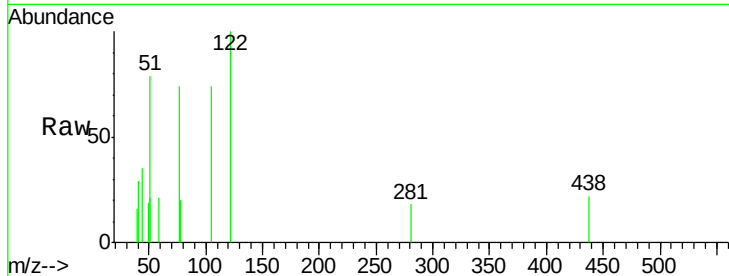




#32
Benzoic acid
Concen: 6.63 ng
RT: 10.41 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

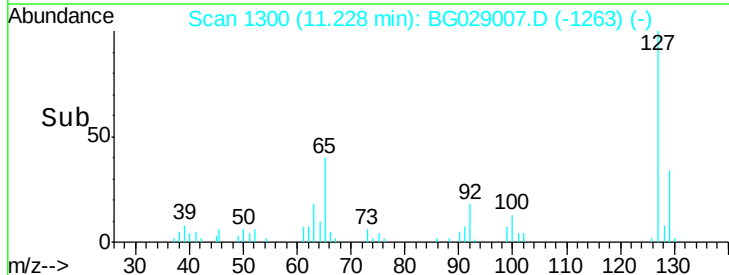
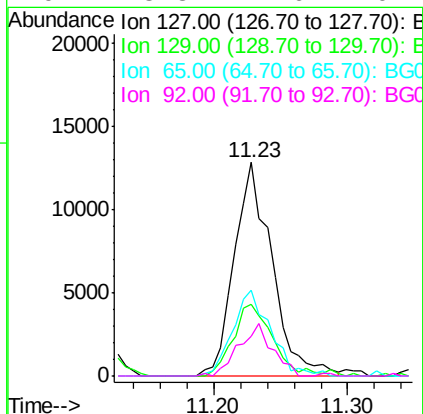
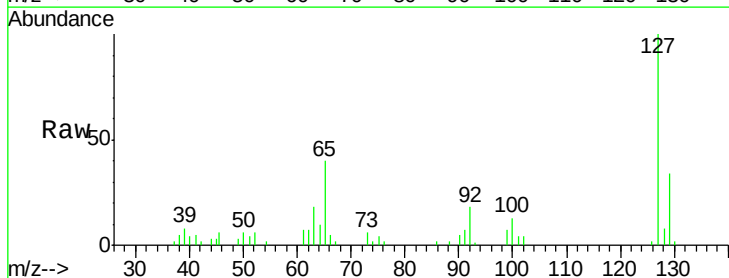
Instrument :
BNA_G
ClientSampleId :

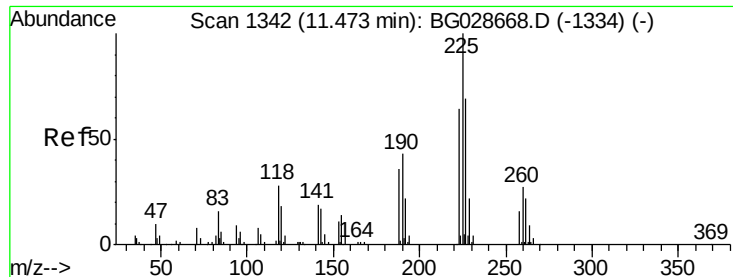
Tot Ion:122 Resp: 1161
Ion Ratio Lower Upper
122 100
105 73.7 120.1 160.1#
77 74.3 104.6 144.6#



#33
4-Chloroaniline
Concen: 7.89 ng
RT: 11.23 min Scan# 1300
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:127 Resp: 25073
Ion Ratio Lower Upper
127 100
129 33.7 23.6 35.4
65 40.4 37.7 56.5
92 18.3 17.6 26.4





#34

Hexachlorobutadiene

Concen: 8.92 ng

RT: 11.38 min Scan# 1325

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

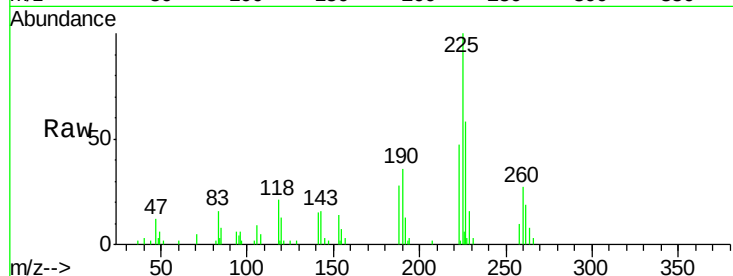
Tot Ion:225 Resp: 19497

Ion Ratio Lower Upper

225 100

223 49.6 50.7 76.1#

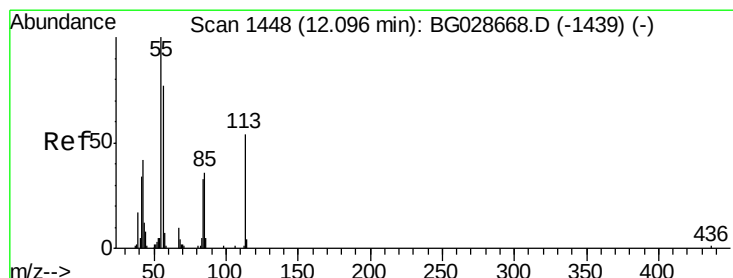
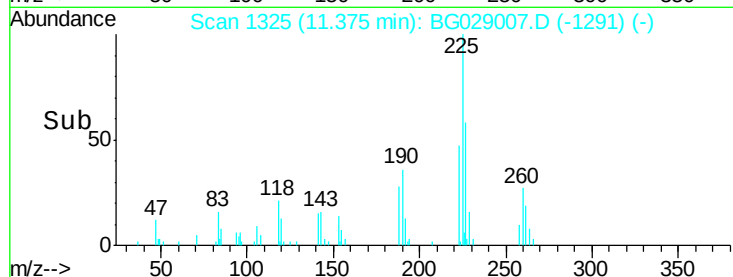
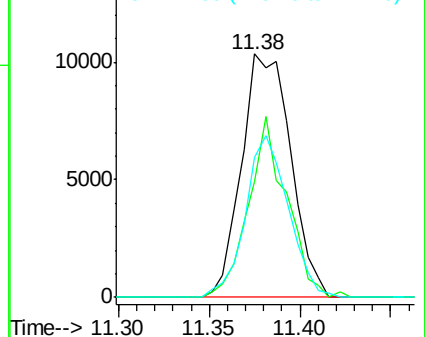
227 60.4 49.0 73.6



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: 8.03 ng

RT: 11.98 min Scan# 1428

Delta R.T. -0.12 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

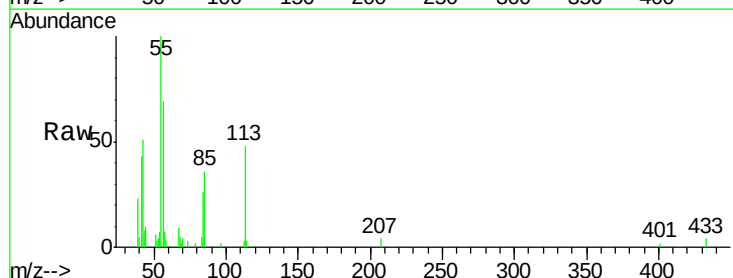
Tgt Ion:113 Resp: 7496

Ion Ratio Lower Upper

113 100

55 210.0 198.6 238.6

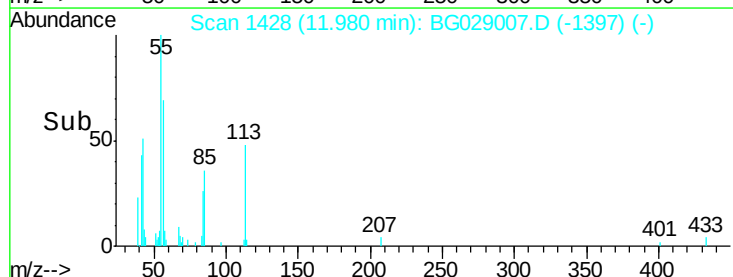
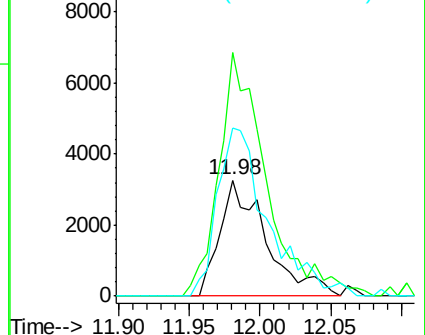
56 145.5 140.4 180.4

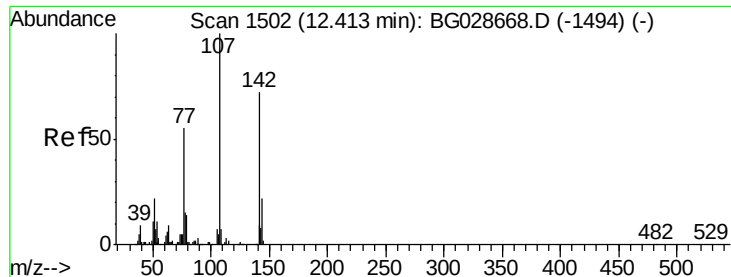


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

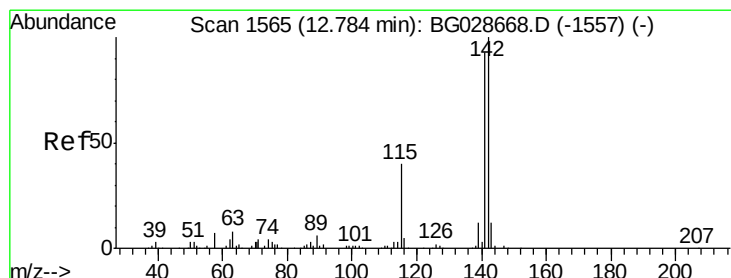
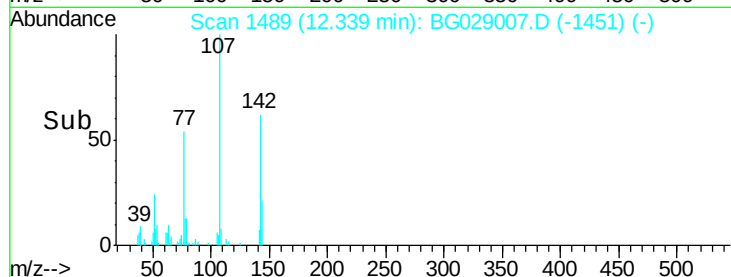
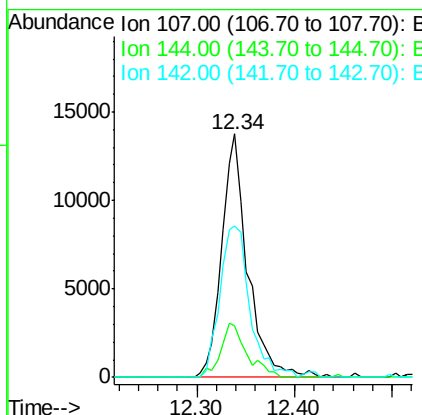
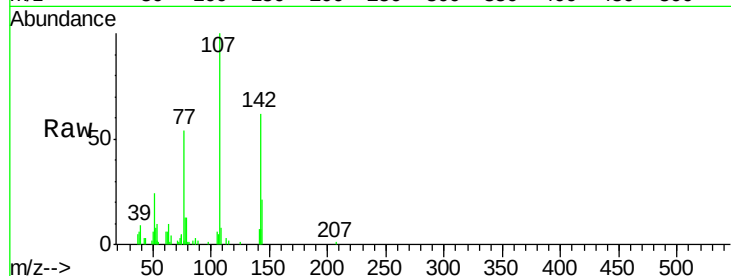




#36
4-Chloro-3-methylphenol
Concen: 7.50 ng
RT: 12.34 min Scan# 1489
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

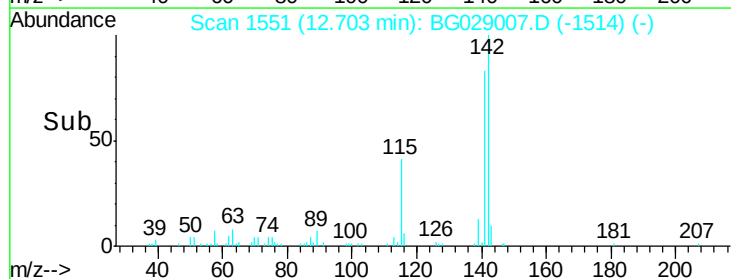
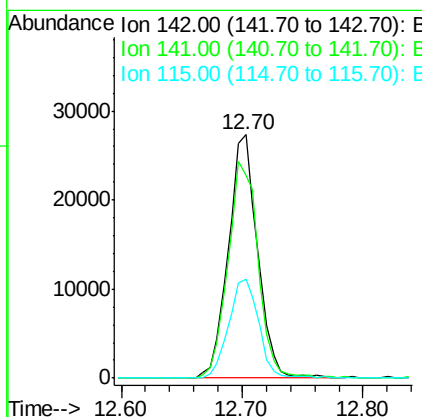
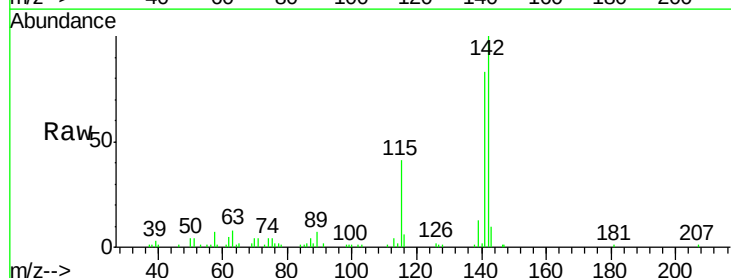
Instrument :
BNA_G
ClientSampleId :

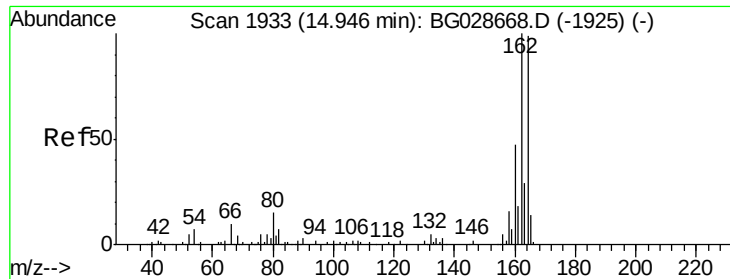
Tot Ion:107 Resp: 25412
Ion Ratio Lower Upper
107 100
144 21.0 17.4 26.0
142 62.3 54.1 81.1



#37
2-Methylnaphthalene
Concen: 8.12 ng
RT: 12.70 min Scan# 1551
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:142 Resp: 45985
Ion Ratio Lower Upper
142 100
141 83.1 70.4 105.6
115 40.5 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

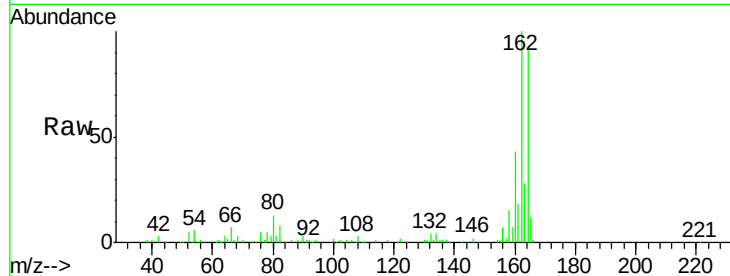
Tot Ion:164 Resp: 103412

Ion Ratio Lower Upper

164 100

162 107.8 85.1 127.7

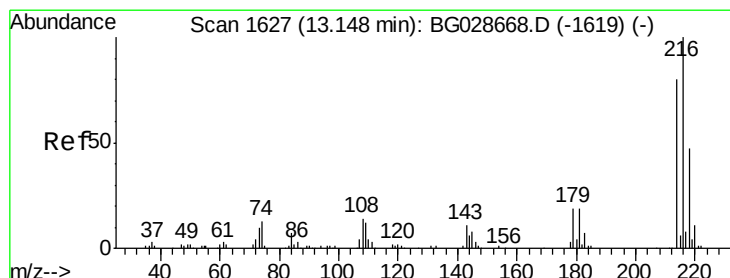
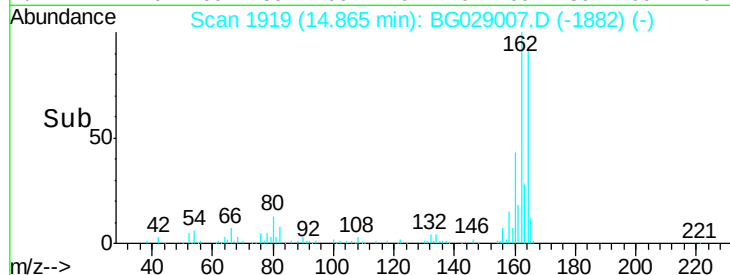
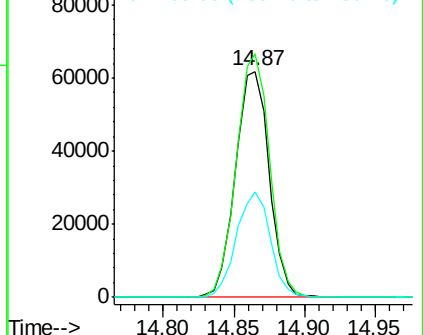
160 46.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.24 ng

RT: 13.07 min Scan# 1613

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Tgt Ion:216 Resp: 35018

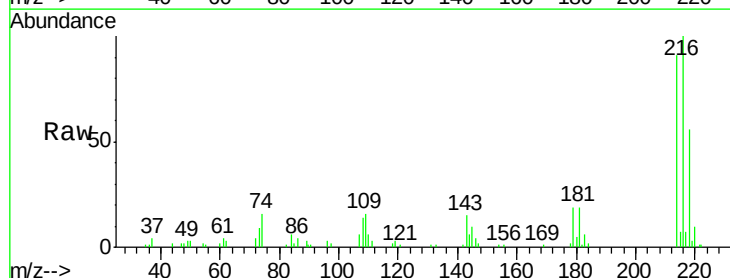
Ion Ratio Lower Upper

216 100

214 81.9 64.4 96.6

179 18.8 17.4 26.0

108 15.7 15.6 23.4

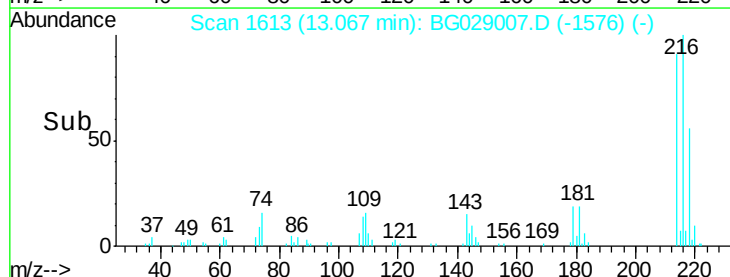
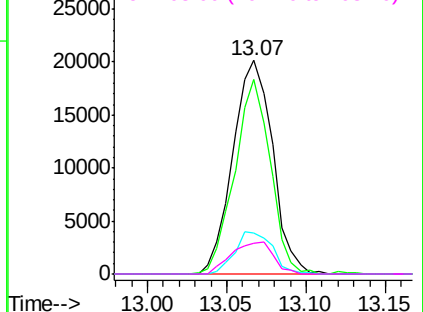


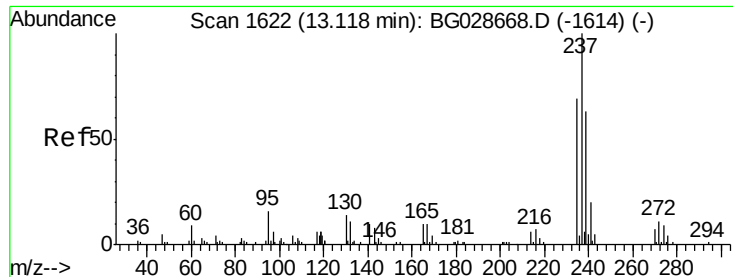
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

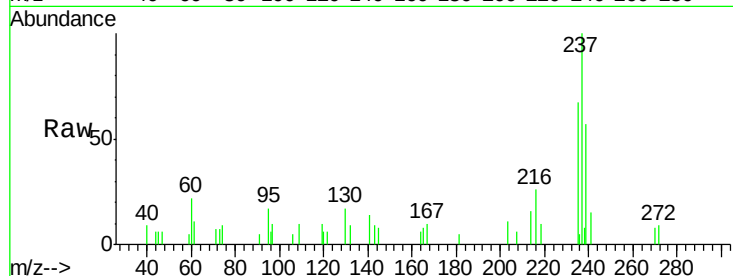




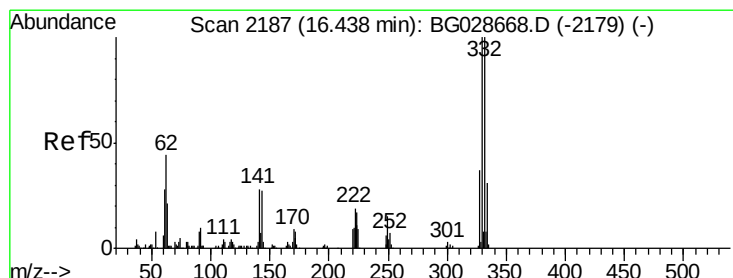
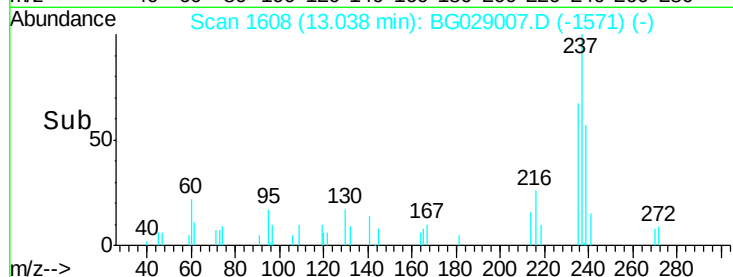
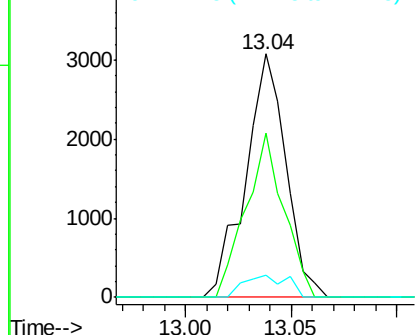
#40
Hexachlorocyclopentadiene
Concen: 9.84 ng
RT: 13.04 min Scan# 1608
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 4082
Ion Ratio Lower Upper
237 100
235 72.4 39.4 79.4
272 9.2 0.0 32.0

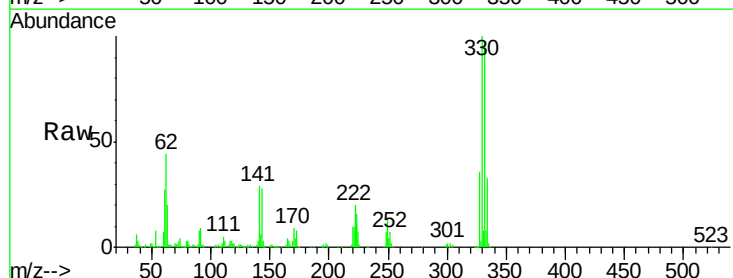


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

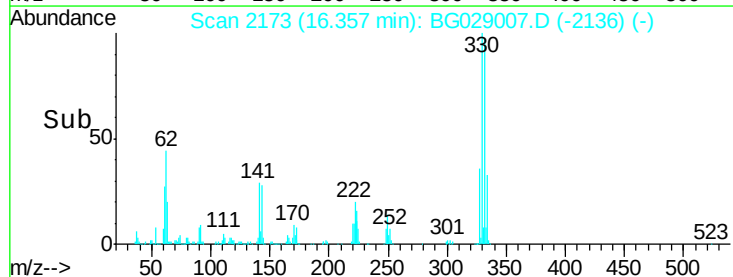
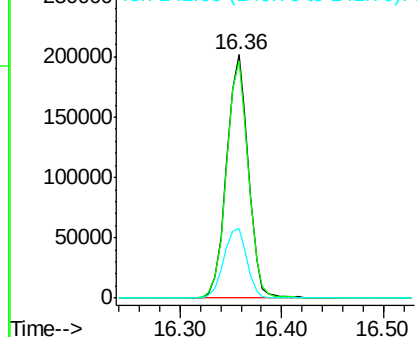


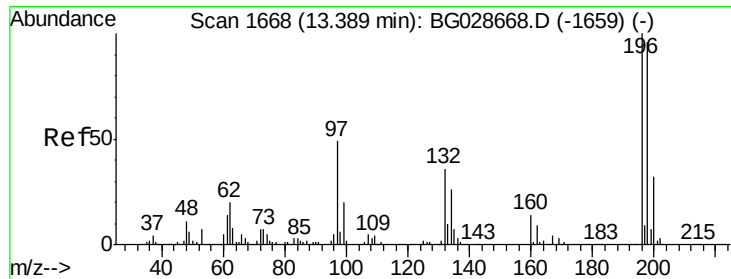
#41
2,4,6-Tribromophenol
Concen: 174.96 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:330 Resp: 299242
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 30.5 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

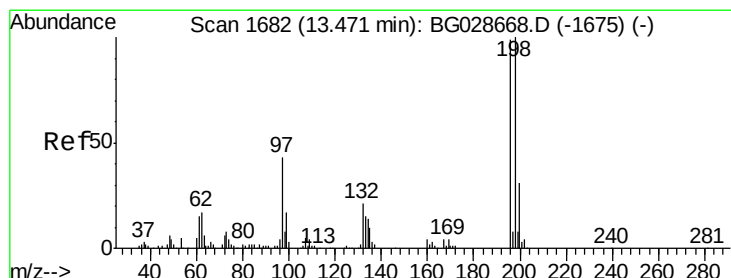
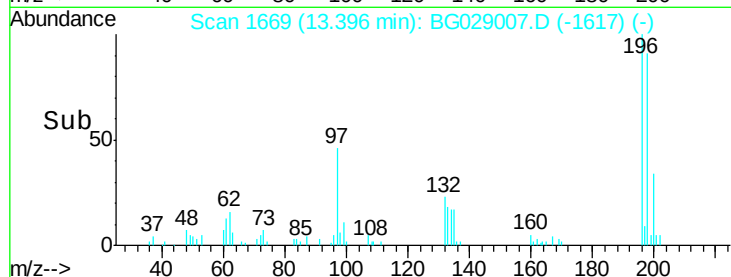
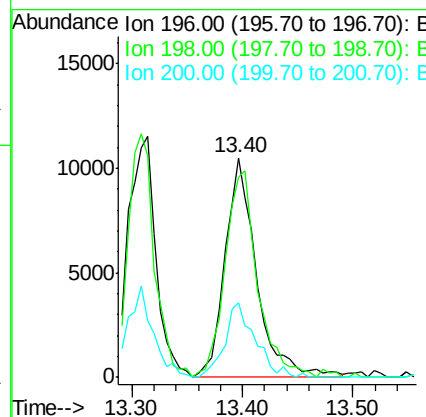
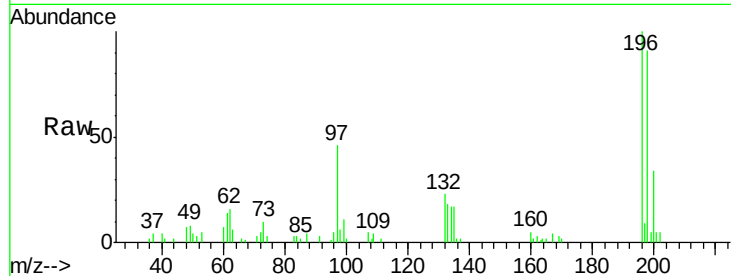




#42
 2,4,6-Trichlorophenol
 Concen: 7.77 ng
 RT: 13.40 min Scan# 1669
 Delta R.T. 0.01 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

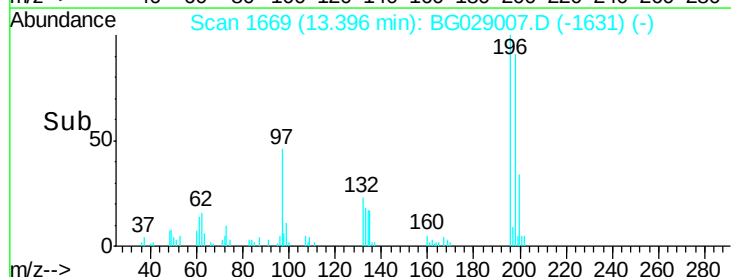
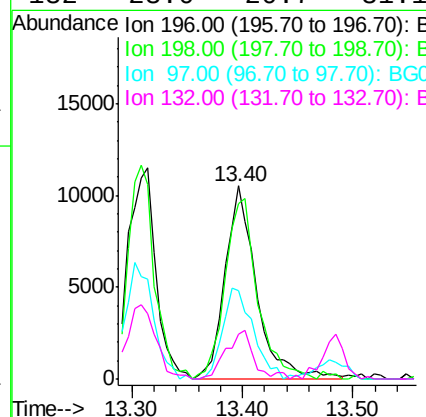
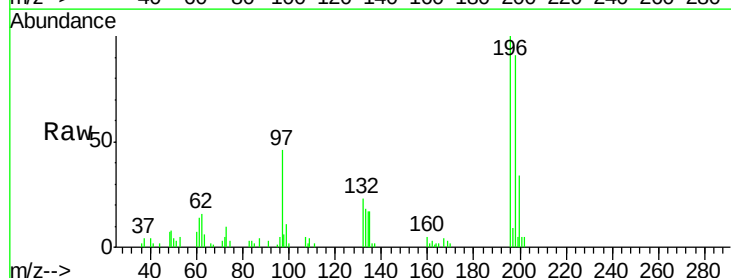
Instrument :
 BNA_G
 ClientSampleId :

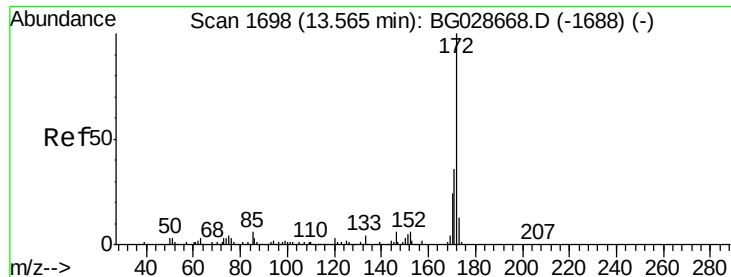
Tot Ion:196 Resp: 20978
 Ion Ratio Lower Upper
 196 100
 198 91.2 81.4 122.2
 200 33.9 27.0 40.6



#43
 2,4,5-Trichlorophenol
 Concen: 7.74 ng
 RT: 13.40 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion:196 Resp: 20978
 Ion Ratio Lower Upper
 196 100
 198 91.2 79.9 119.9
 97 45.5 45.4 68.0
 132 23.0 20.7 31.1

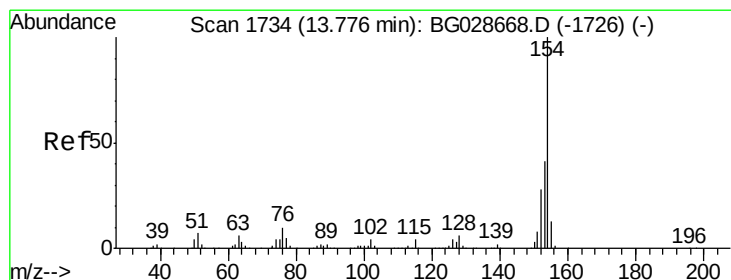
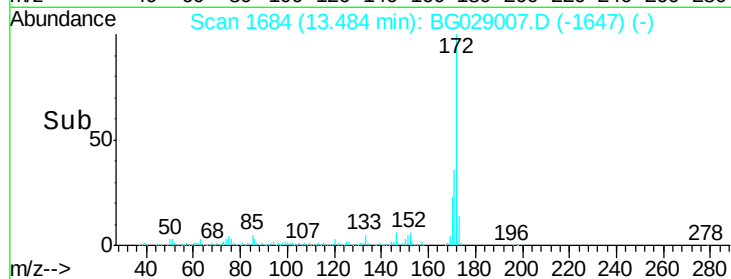
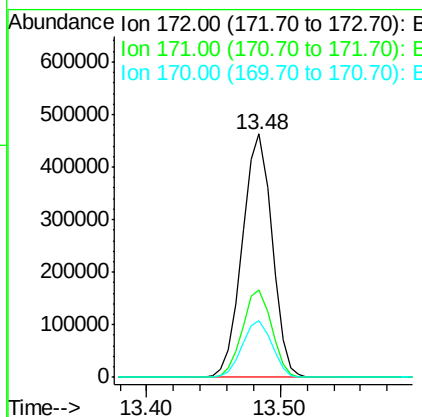
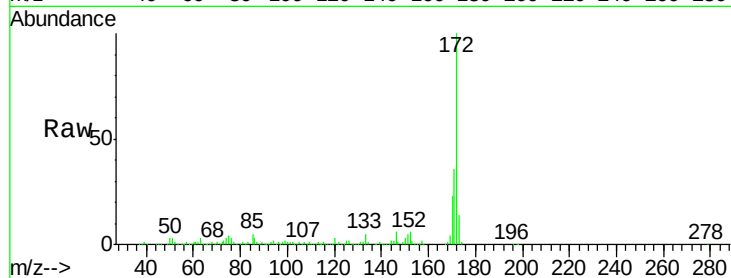




#44
2-Fluorobiphenyl
Concen: 91.78 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

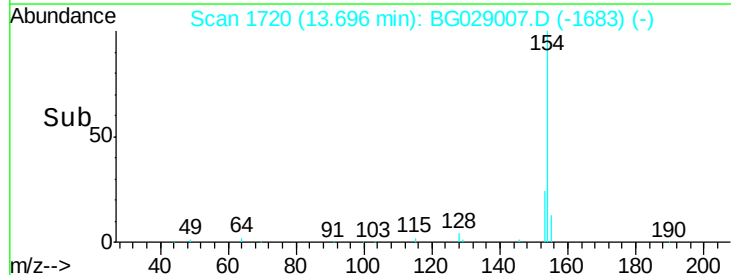
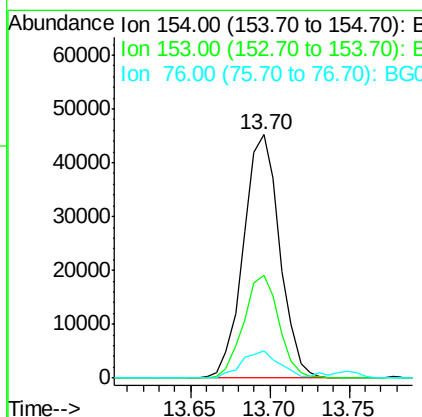
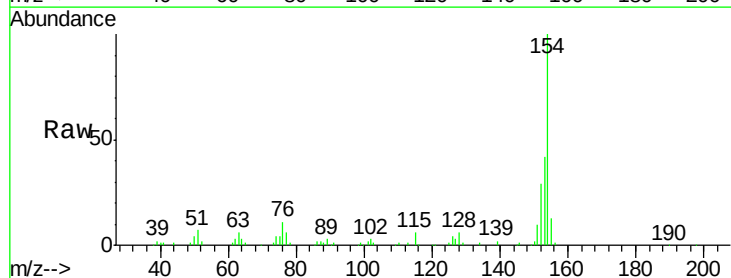
Instrument :
BNA_G
ClientSampleId :

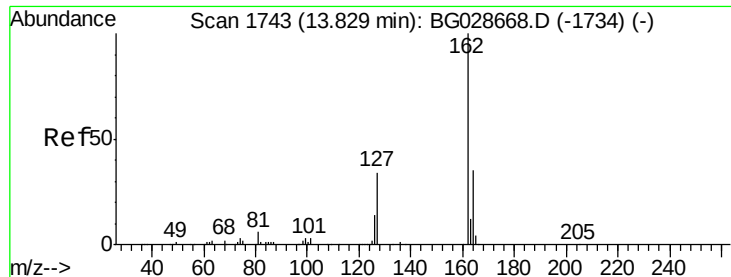
Tot Ion:172 Resp: 711812
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 23.3 21.8 32.6



#45
1,1'-Biphenyl
Concen: 8.37 ng
RT: 13.70 min Scan# 1720
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:154 Resp: 71667
Ion Ratio Lower Upper
154 100
153 42.0 23.0 63.0
76 11.0 0.0 33.5

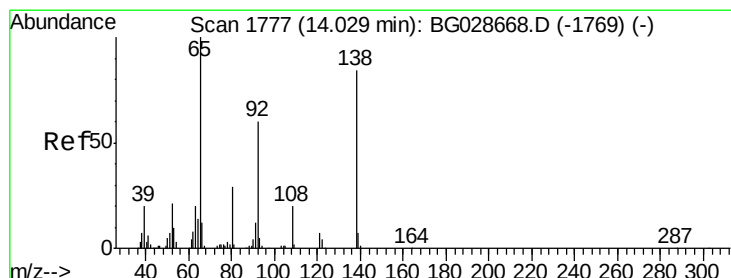
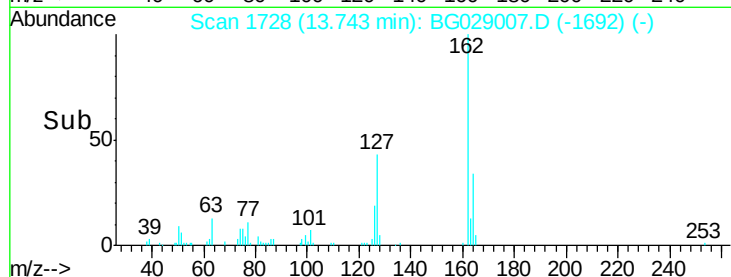
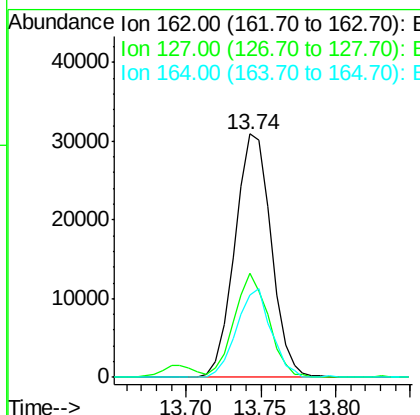
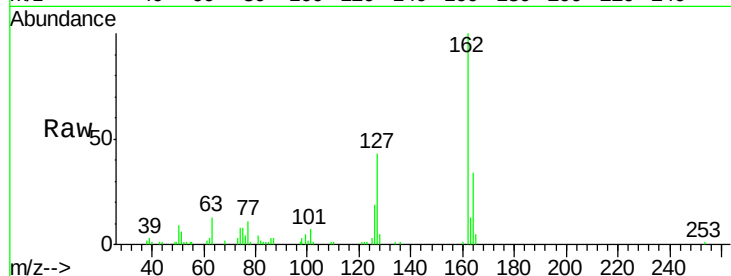




#46
2-Chloronaphthalene
Concen: 8.37 ng
RT: 13.74 min Scan# 1728
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

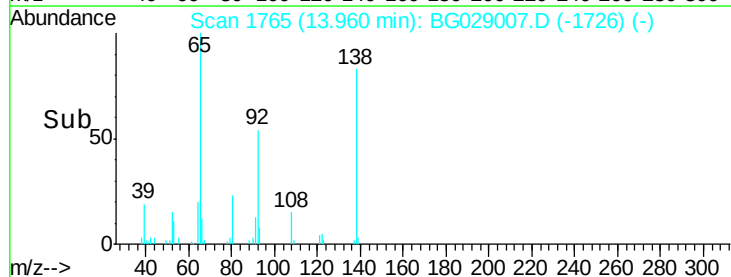
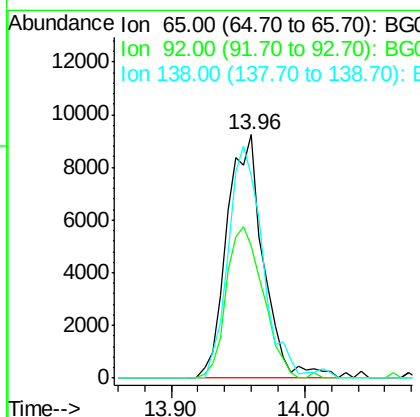
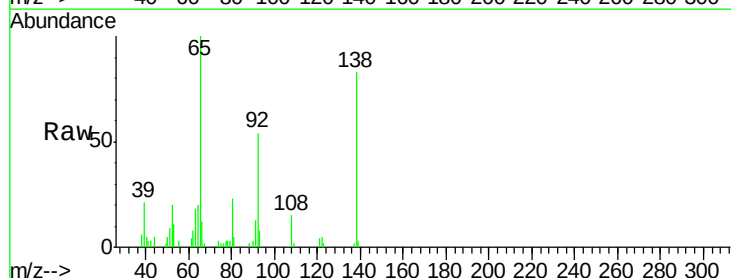
Instrument :
BNA_G
ClientSampleId :

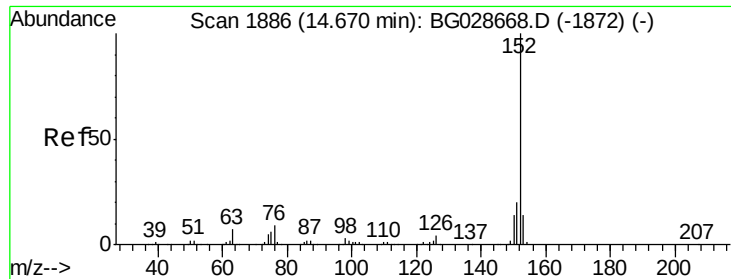
Tot Ion:162 Resp: 52299
Ion Ratio Lower Upper
162 100
127 42.7 32.2 48.4
164 33.8 27.3 40.9



#47
2-Nitroaniline
Concen: 7.60 ng
RT: 13.96 min Scan# 1765
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion: 65 Resp: 17639
Ion Ratio Lower Upper
65 100
92 54.4 49.0 73.4
138 83.1 58.6 87.8





#48

Acenaphthylene

Concen: 8.44 ng

RT: 14.59 min Scan# 1872

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

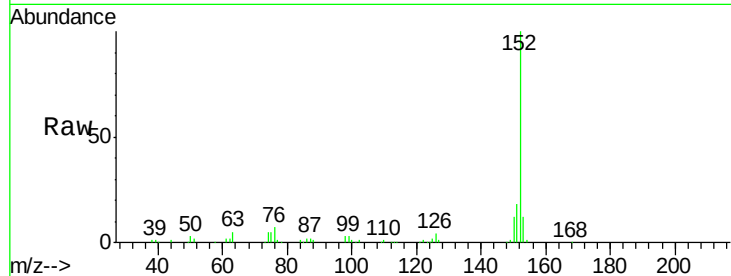
Tot Ion:152 Resp: 84194

Ion Ratio Lower Upper

152 100

151 17.8 18.2 27.2#

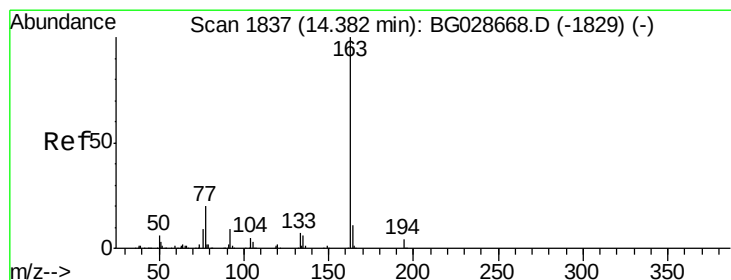
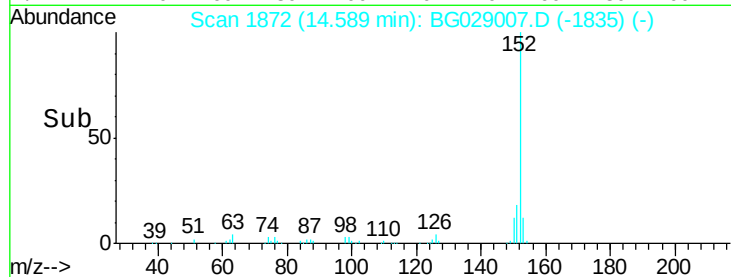
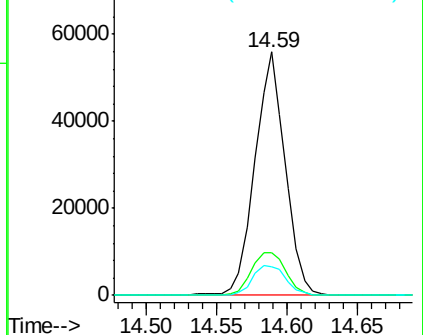
153 11.6 11.3 16.9



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: 8.49 ng

RT: 14.30 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

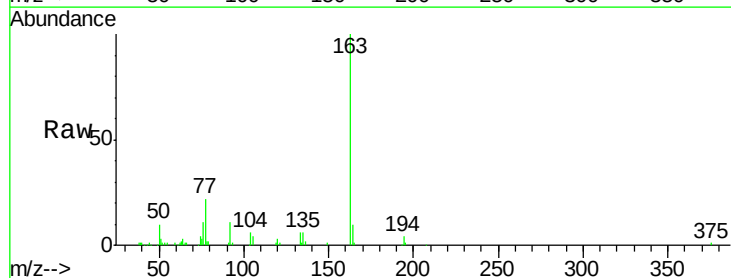
Tgt Ion:163 Resp: 73645

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

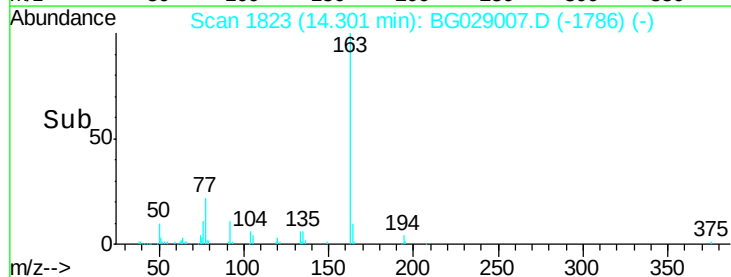
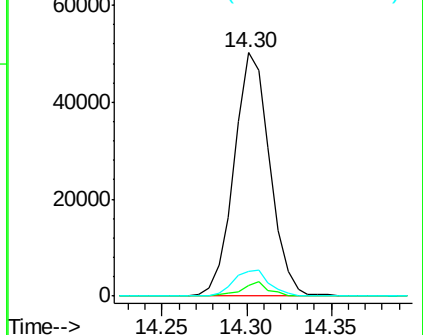
164 10.1 9.3 13.9

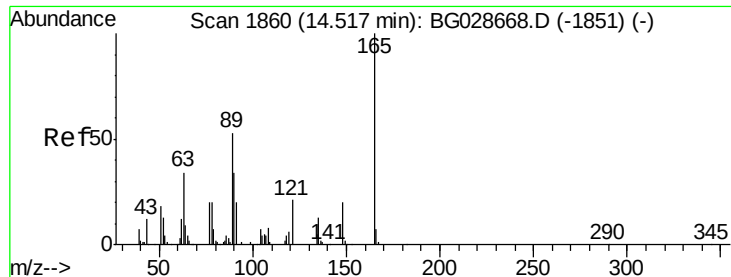


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

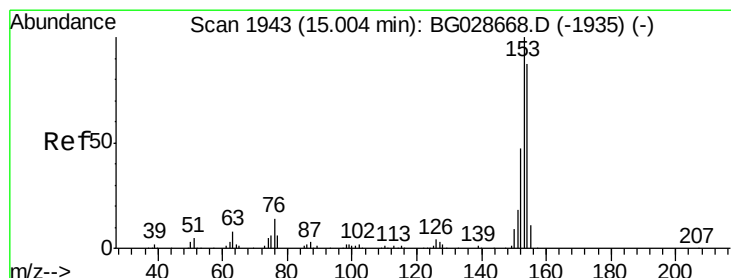
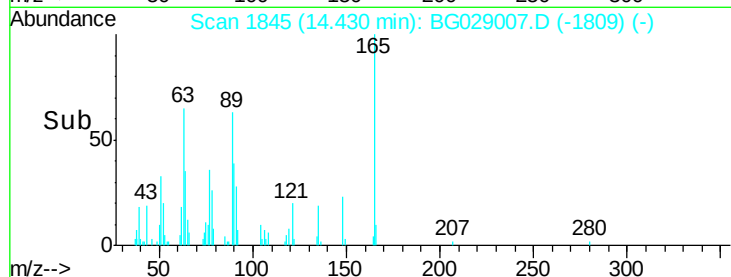
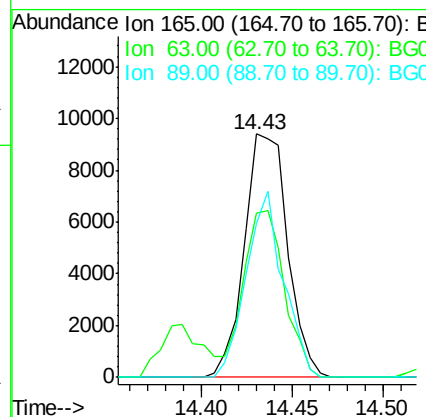
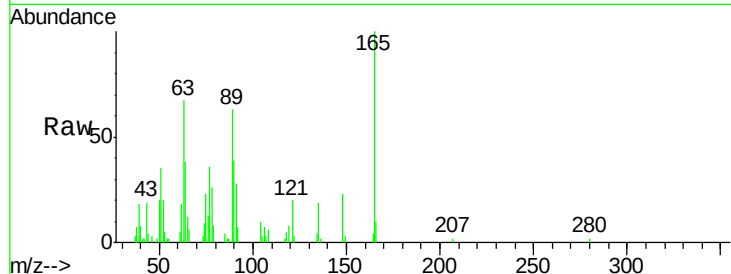




#50
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 14.43 min Scan# 1845
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

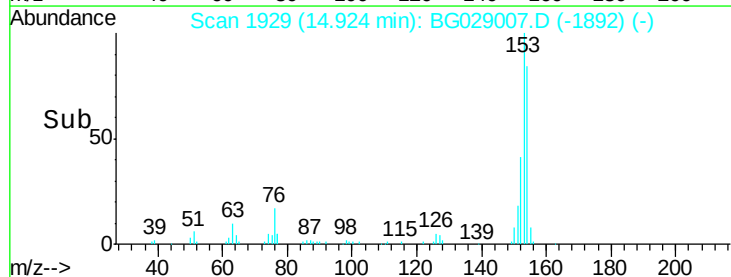
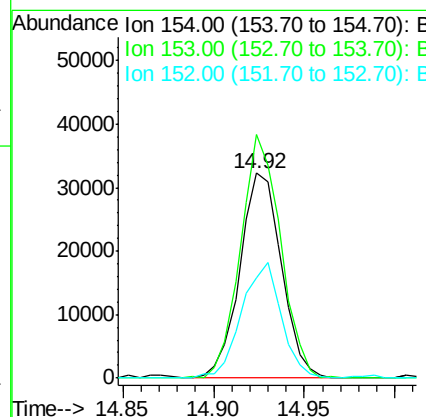
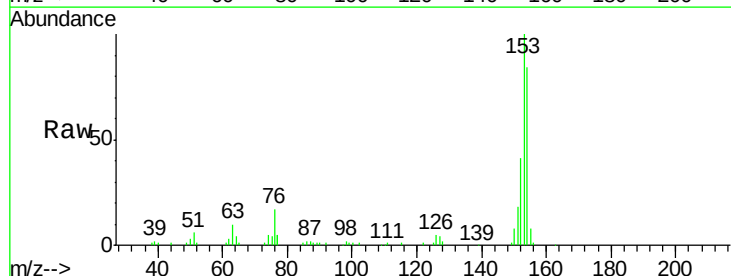
Instrument :
BNA_G
ClientSampleId :

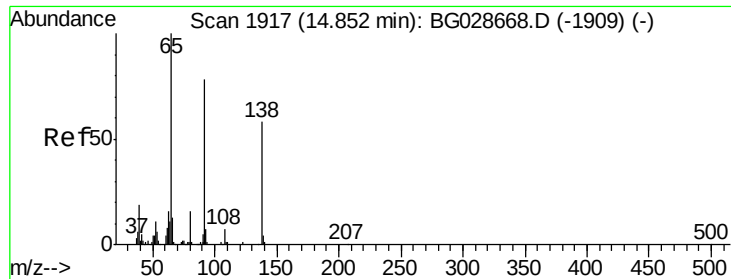
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.5	63.9	95.9
89	63.1	58.6	88.0



#51
Acenaphthene
Concen: 8.49 ng
RT: 14.92 min Scan# 1929
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.8	87.8	131.6
152	48.7	42.2	63.4





#52

3-Nitroaniline

Concen: 8.34 ng

RT: 14.77 min Scan# 1903

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

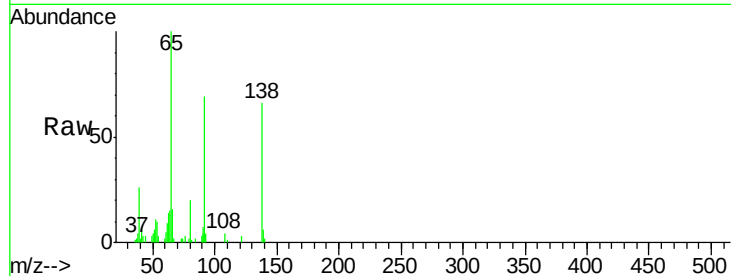
Tot Ion:138 Resp: 14226

Ion Ratio Lower Upper

138 100

108 6.4 10.9 16.3#

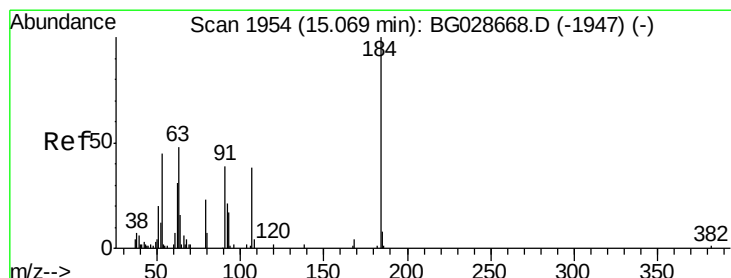
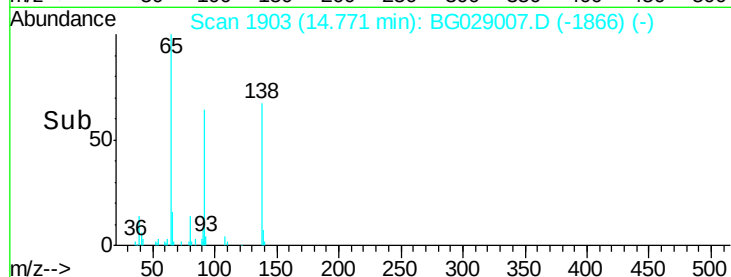
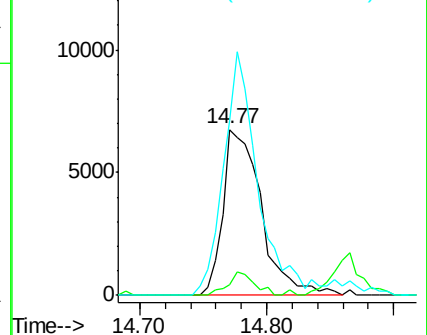
92 105.3 115.3 172.9#



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: 9.56 ng

RT: 15.02 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

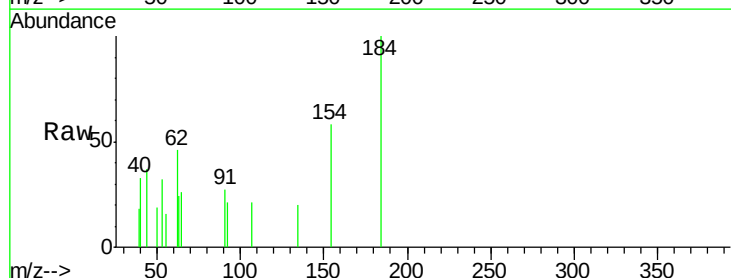
Tgt Ion:184 Resp: 1759

Ion Ratio Lower Upper

184 100

63 24.5 52.7 79.1#

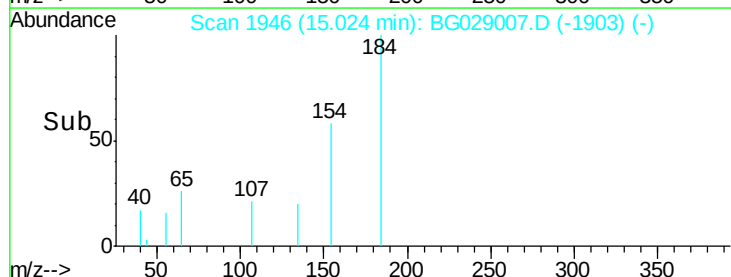
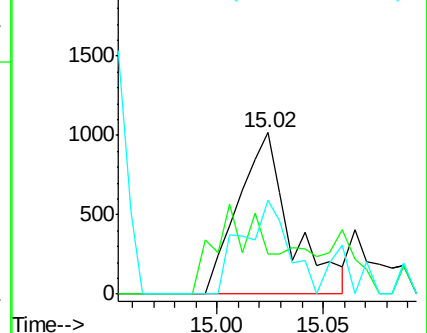
154 58.2 57.3 85.9

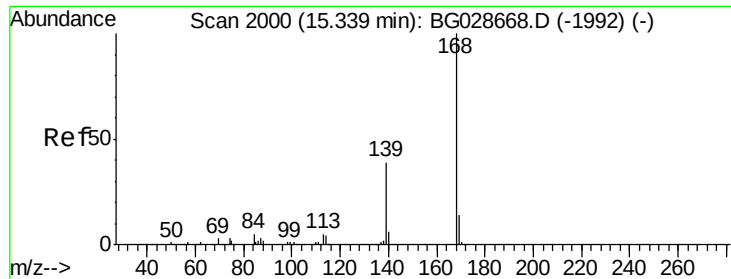


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 8.27 ng

RT: 15.26 min Scan# 1986

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

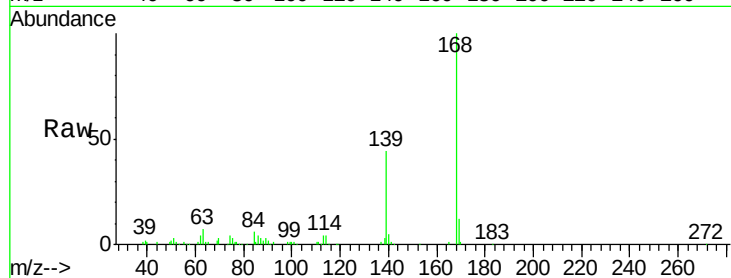
Tot Ion:168 Resp: 79910

Ion Ratio Lower Upper

168 100

139 43.6 35.3 52.9

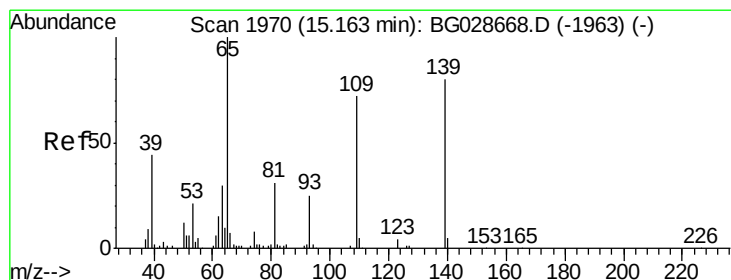
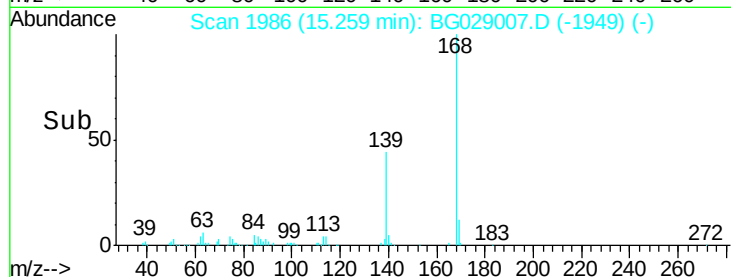
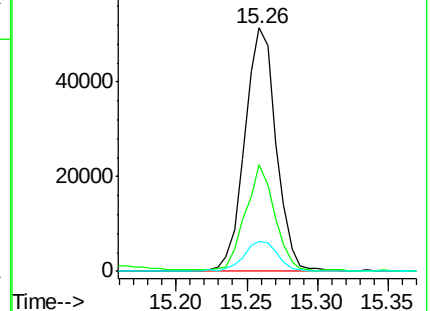
169 12.2 11.5 17.3



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: 7.04 ng

RT: 15.13 min Scan# 1964

Delta R.T. -0.03 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

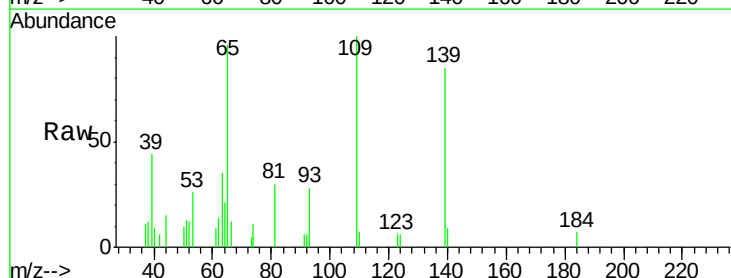
Tgt Ion:139 Resp: 8799

Ion Ratio Lower Upper

139 100

109 117.9 101.2 141.2

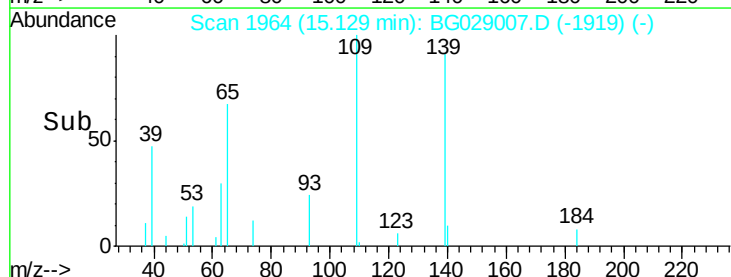
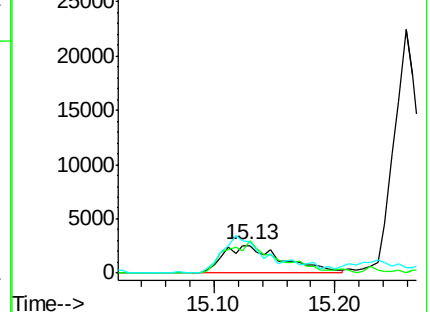
65 112.9 135.3 175.3#

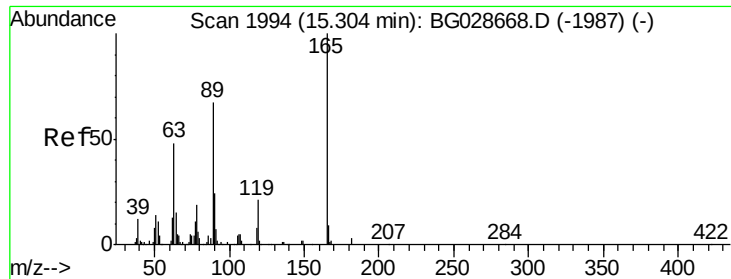


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

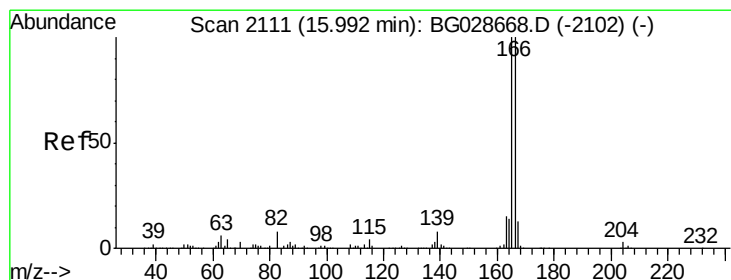
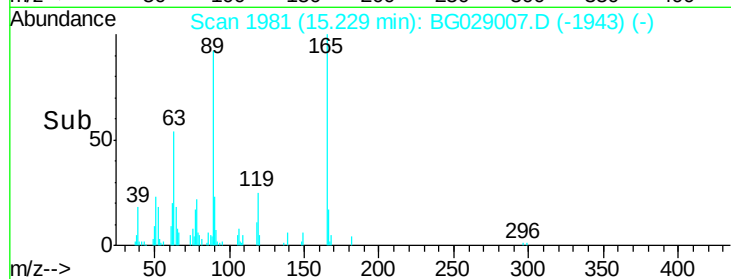
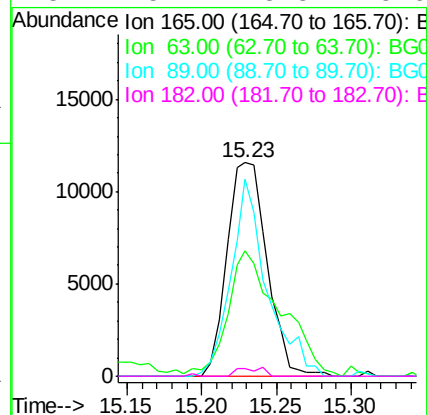
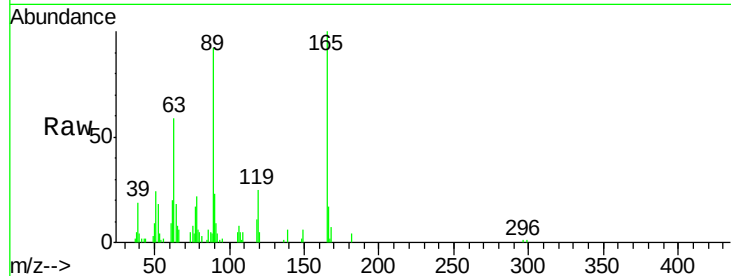




#56
 2,4-Dinitrotoluene
 Concen: 8.00 ng
 RT: 15.23 min Scan# 1981
 Delta R.T. -0.07 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

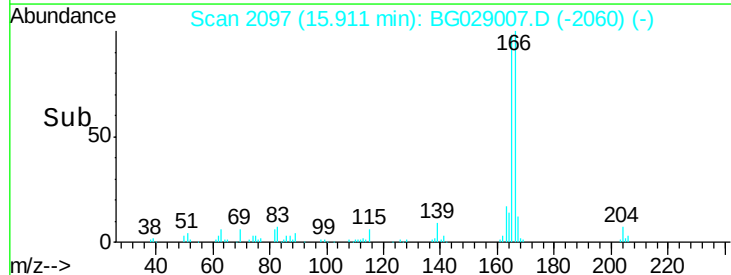
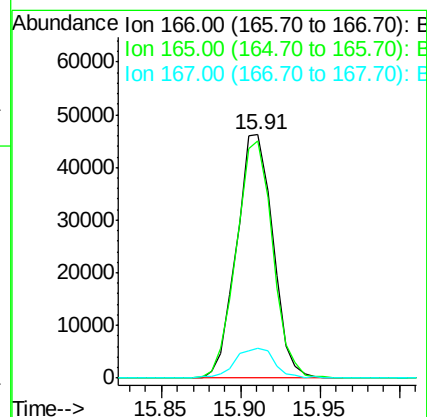
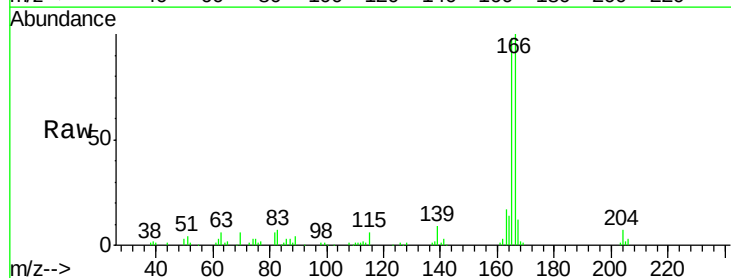
Instrument :
 BNA_G
 ClientSampleId :

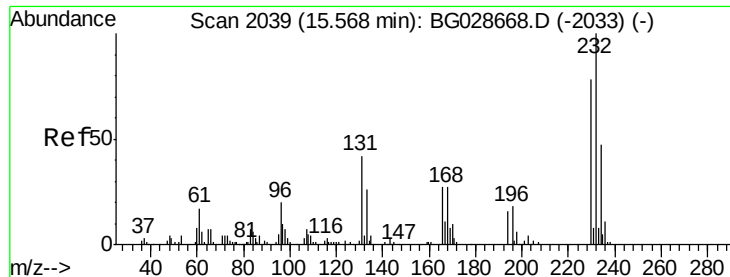
Tot Ion:165 Resp: 21715
 Ion Ratio Lower Upper
 165 100
 63 58.6 44.0 66.0
 89 92.4 67.3 100.9
 182 3.7 3.8 5.6#



#57
 Fluorene
 Concen: 8.51 ng
 RT: 15.91 min Scan# 2097
 Delta R.T. -0.08 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion:166 Resp: 73461
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.6 117.8
 167 12.1 11.6 17.4

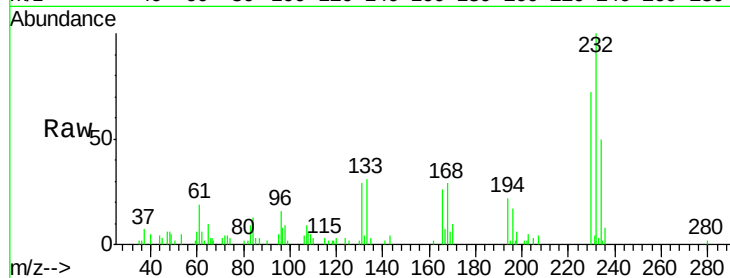




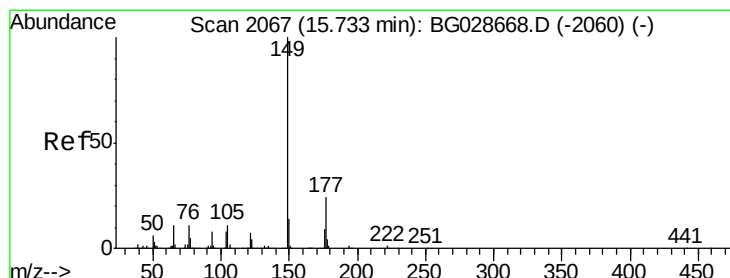
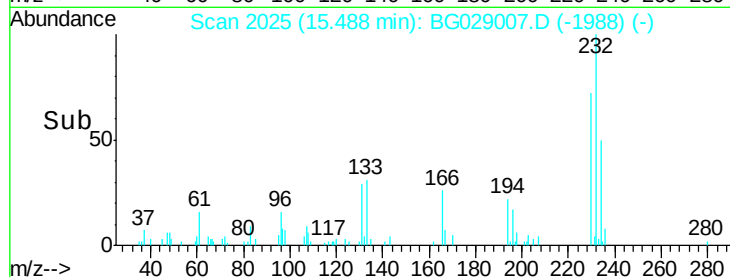
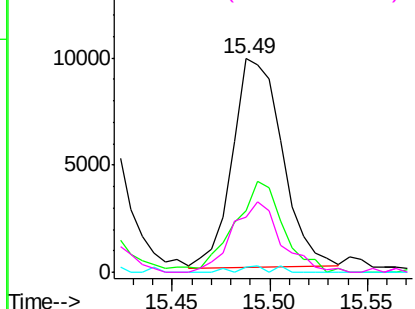
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.20 ng
 RT: 15.49 min Scan# 2025
 Delta R.T. -0.08 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 17199
 Ion Ratio Lower Upper
 232 100
 131 42.5 34.9 52.3
 130 2.0 2.3 3.5#
 166 33.0 24.2 36.4

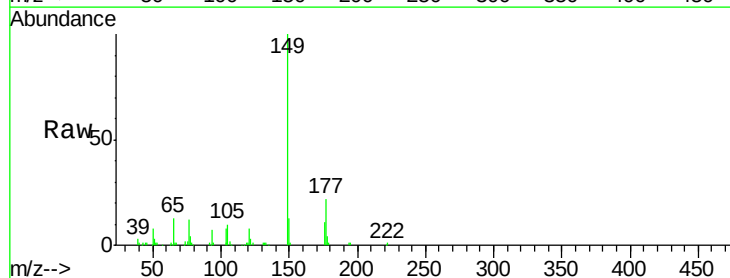


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

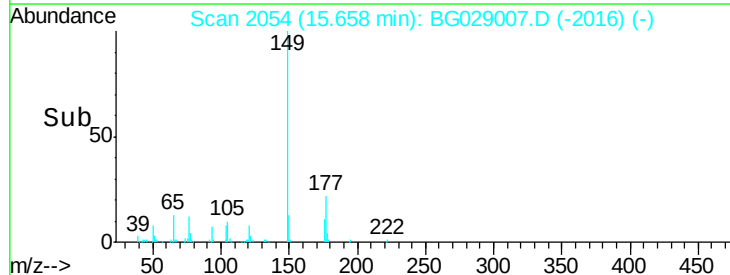
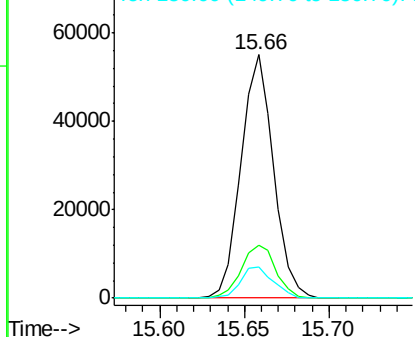


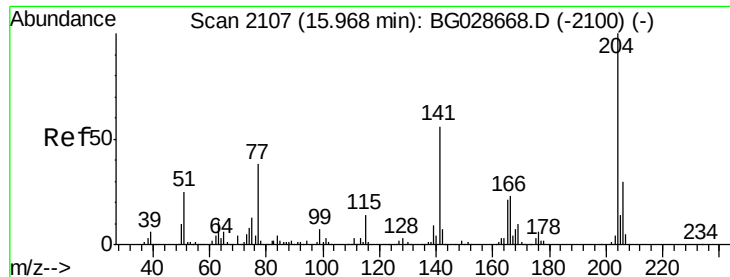
#59
 Diethylphthalate
 Concen: 8.27 ng
 RT: 15.66 min Scan# 2054
 Delta R.T. -0.07 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Tgt Ion:149 Resp: 73662
 Ion Ratio Lower Upper
 149 100
 177 21.9 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

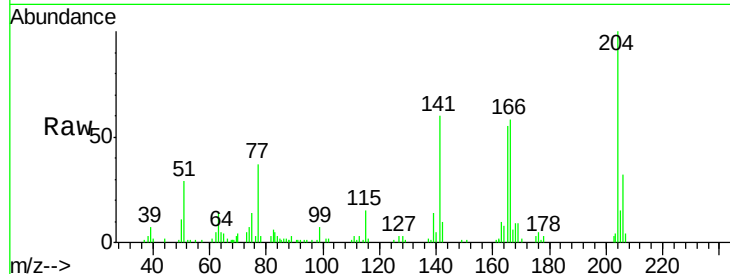




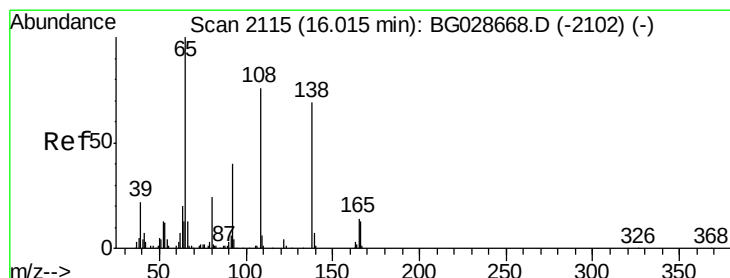
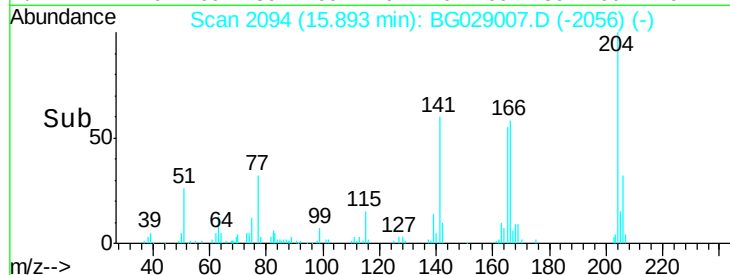
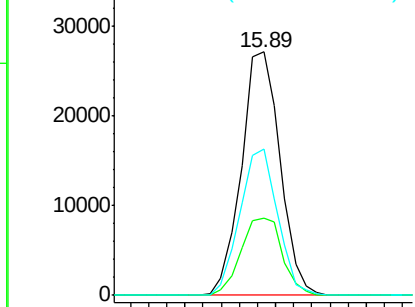
#60
4-Chlorophenyl-phenylether
Concen: 8.18 ng
RT: 15.89 min Scan# 2094
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 40197
Ion Ratio Lower Upper
204 100
206 31.8 30.1 45.1
141 59.9 50.6 76.0

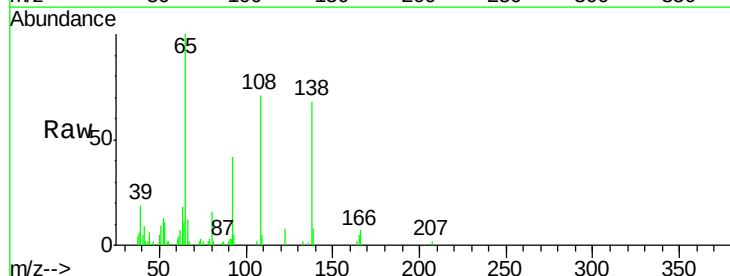


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

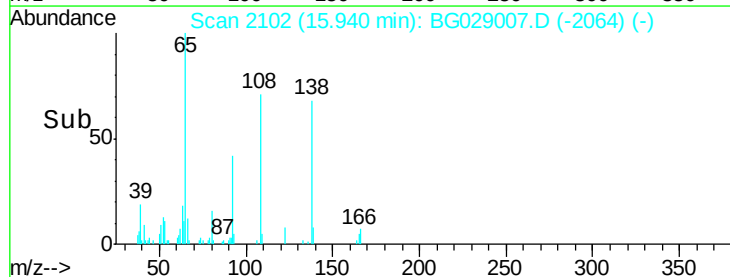
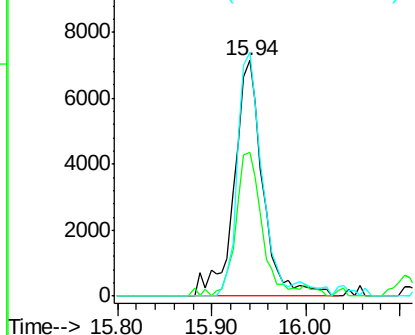


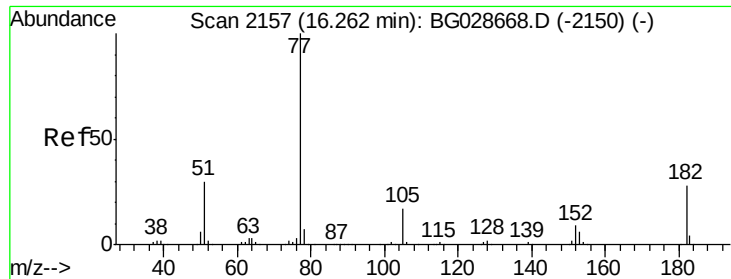
#61
4-Nitroaniline
Concen: 8.37 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:138 Resp: 15132
Ion Ratio Lower Upper
138 100
92 61.2 44.2 84.2
108 103.4 104.8 144.8#



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: 8.63 ng

RT: 16.19 min Scan# 2144

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 64653

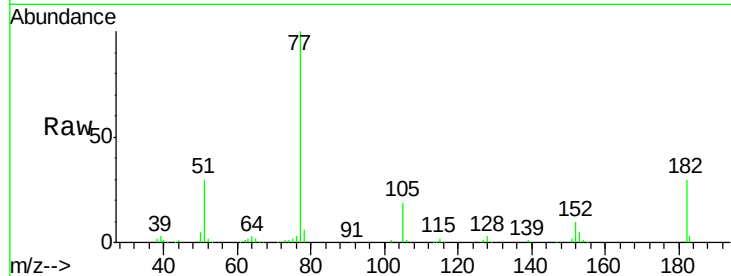
Ion Ratio Lower Upper

77 100

182 29.6 4.7 44.7

105 19.1 0.0 36.3

51 30.1 16.4 56.4

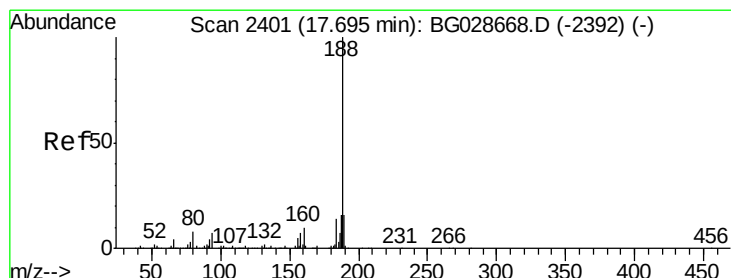
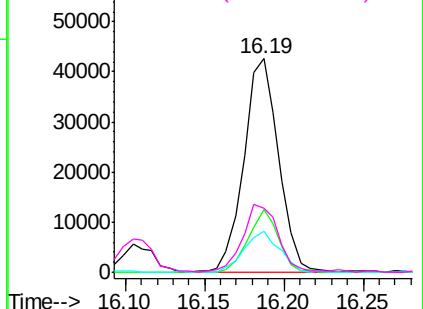
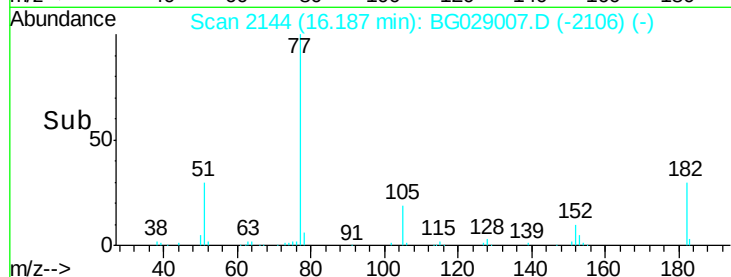


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG029007.D

Acq: 3 Oct 2017 16:06

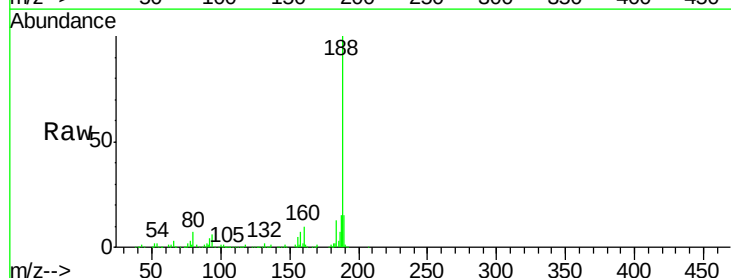
Tgt Ion: 188 Resp: 258980

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

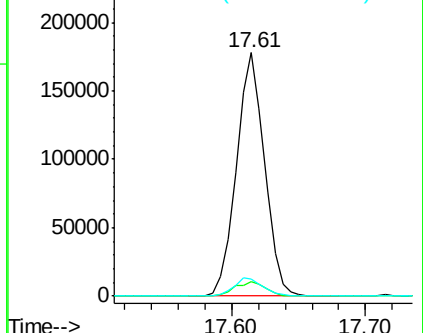
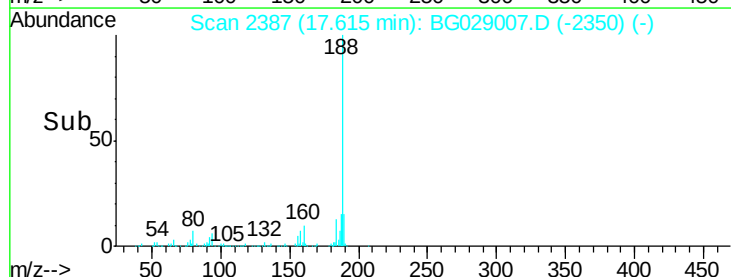
80 6.8 7.5 11.3#

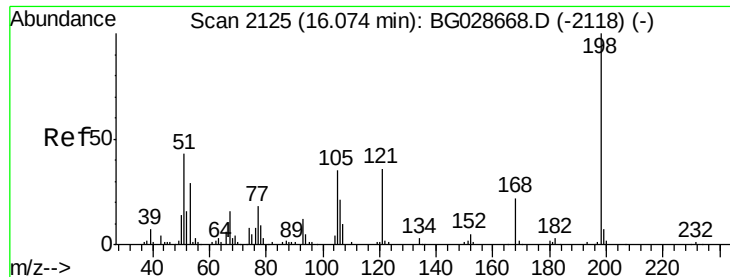


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 6.89 ng

RT: 16.00 min Scan# 2113

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

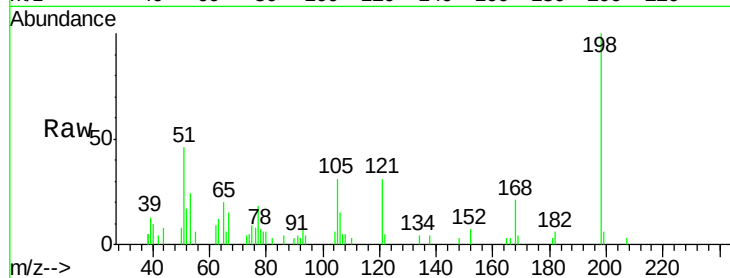
Tot Ion:198 Resp: 11510

Ion Ratio Lower Upper

198 100

51 45.7 22.6 62.6

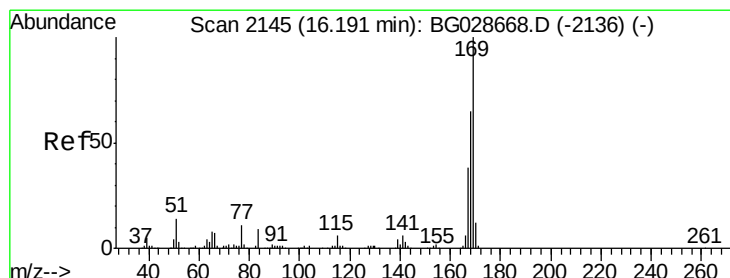
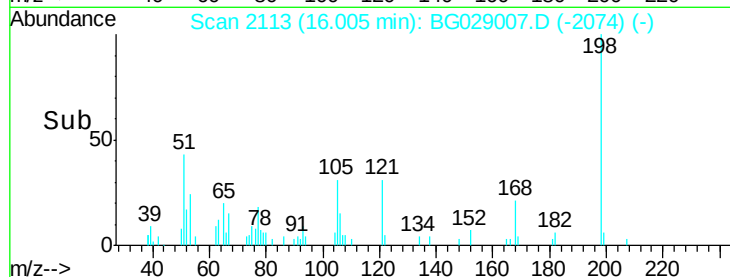
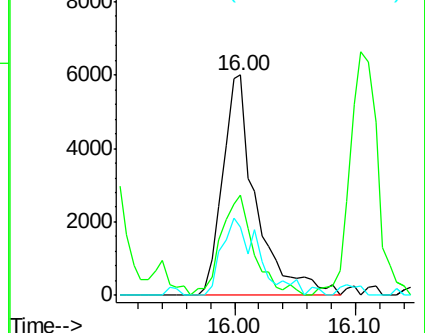
105 31.0 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 8.44 ng

RT: 16.11 min Scan# 2131

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

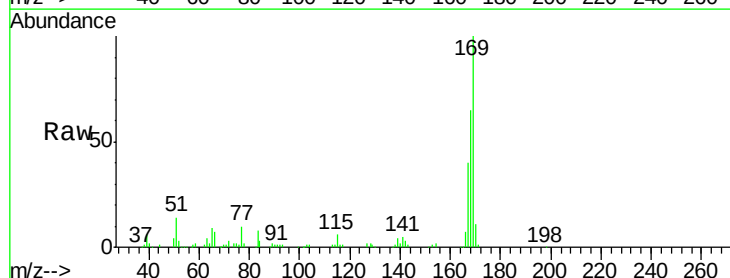
Tgt Ion:169 Resp: 62635

Ion Ratio Lower Upper

169 100

168 64.6 55.7 83.5

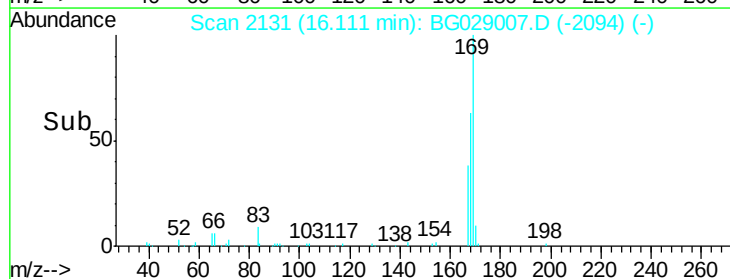
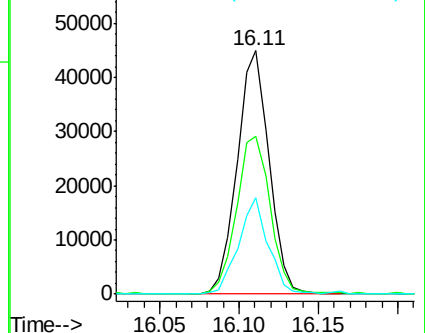
167 39.6 29.8 44.6

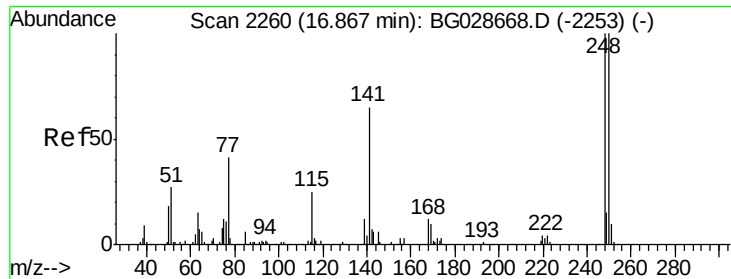


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

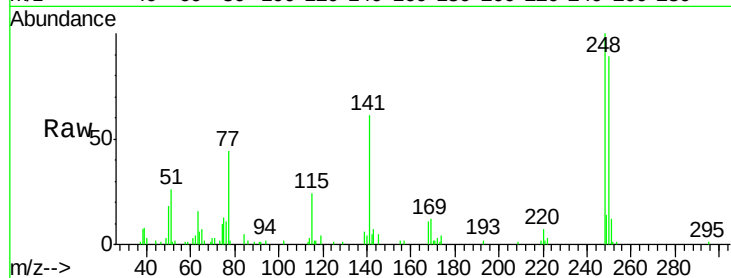




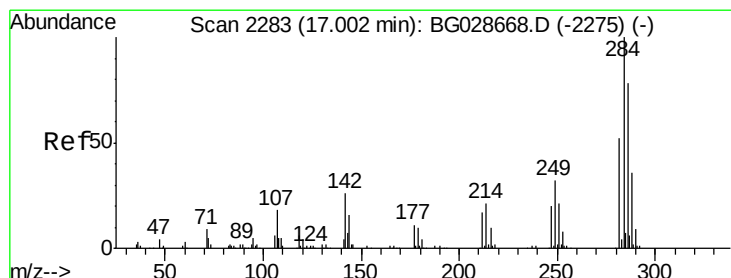
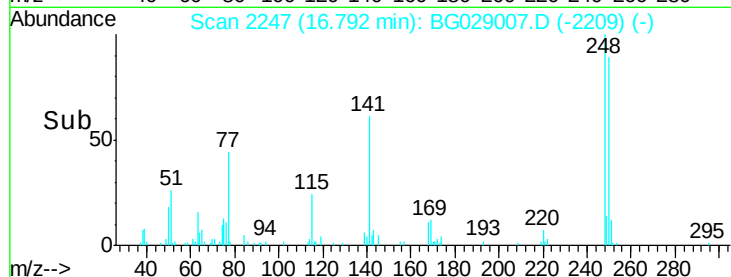
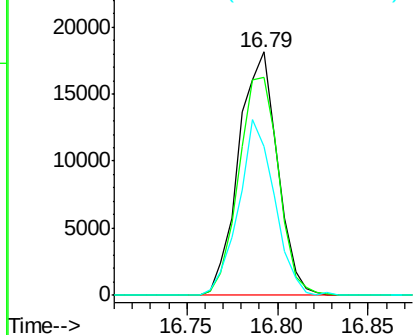
#66
4-Bromophenyl-phenylether
Concen: 8.10 ng
RT: 16.79 min Scan# 2247
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 27007
Ion Ratio Lower Upper
248 100
250 89.4 75.0 112.6
141 60.9 55.2 82.8

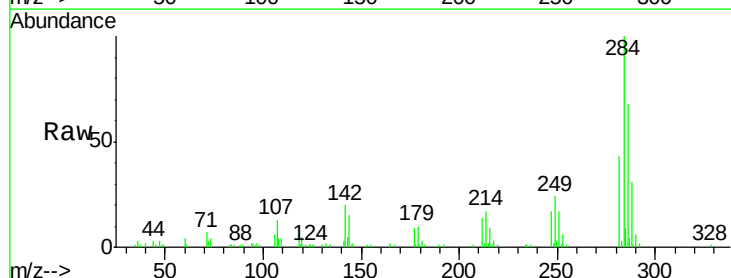


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

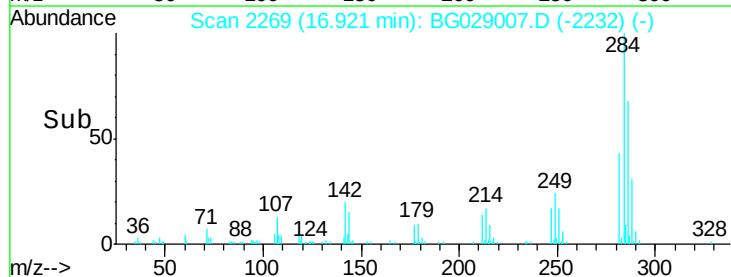
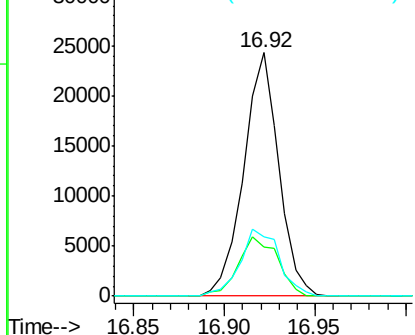


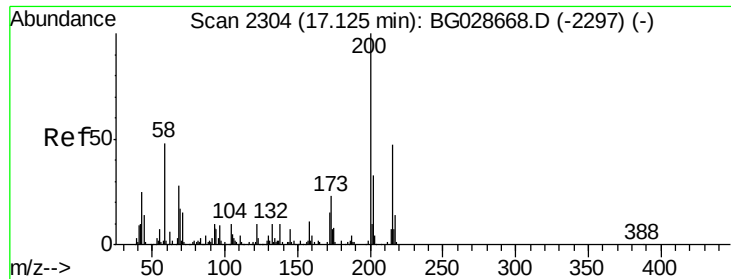
#67
Hexachlorobenzene
Concen: 8.61 ng
RT: 16.92 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:284 Resp: 32649
Ion Ratio Lower Upper
284 100
142 20.0 29.9 44.9#
249 27.0 29.2 43.8#



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

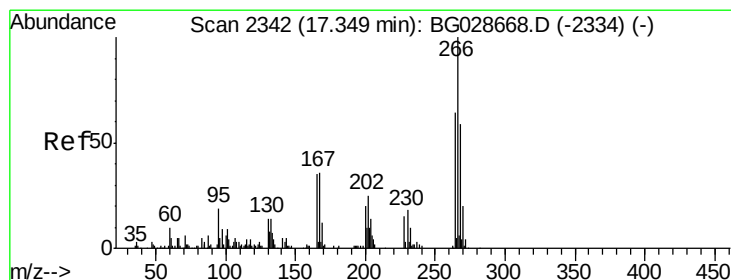
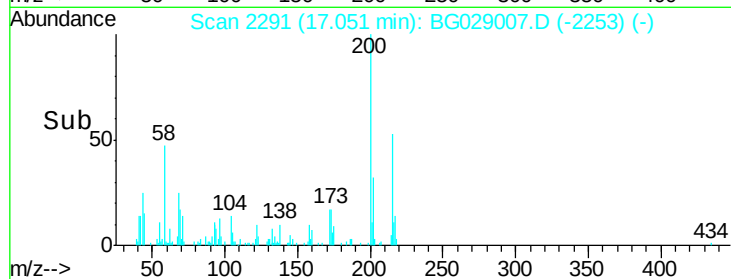
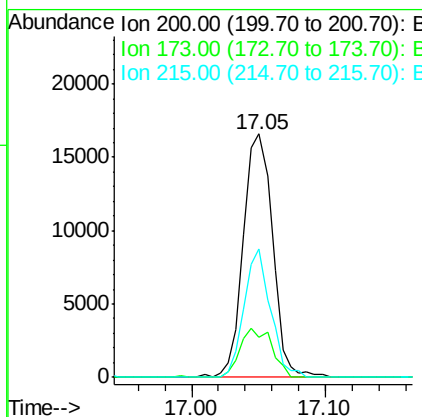
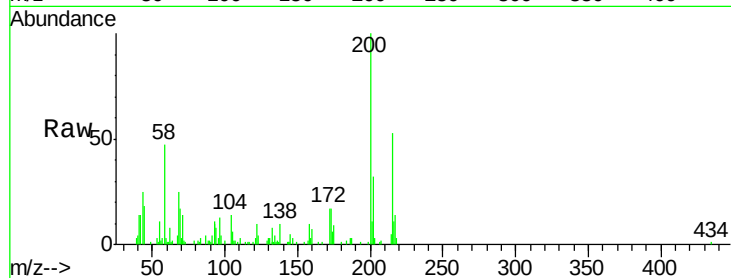




#68
Atrazine
Concen: 7.90 ng
RT: 17.05 min Scan# 2291
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

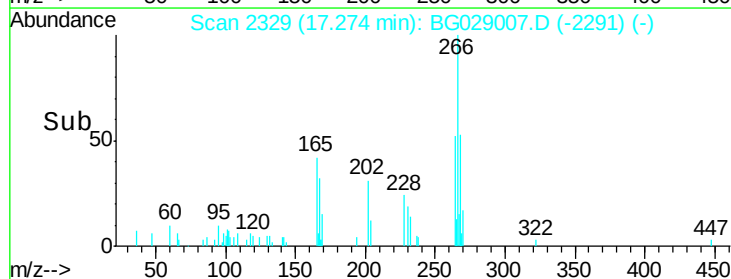
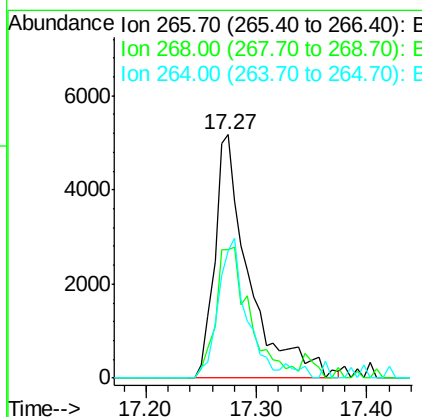
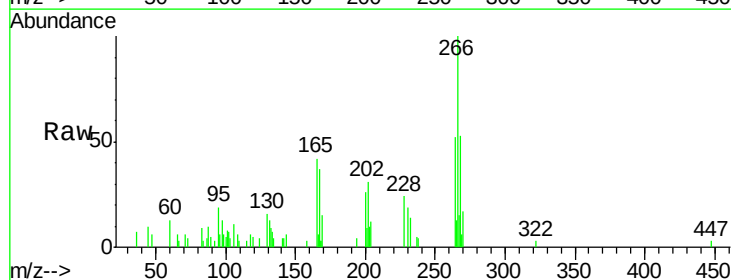
Instrument :
BNA_G
ClientSampleId :

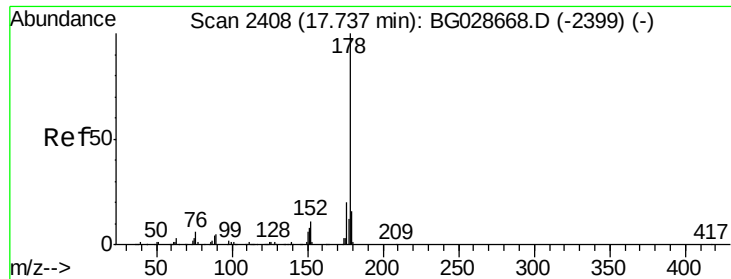
Tot Ion	Ratio	Lower	Upper
200	100		
173	16.5	3.0	43.0
215	52.8	28.4	68.4



#69
Pentachlorophenol
Concen: 6.50 ng
RT: 17.27 min Scan# 2329
Delta R.T. -0.07 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.0	48.6	72.8
264	52.4	50.1	75.1





#70

Phenanthrene

Concen: 8.37 ng

RT: 17.66 min Scan# 2394

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampled :

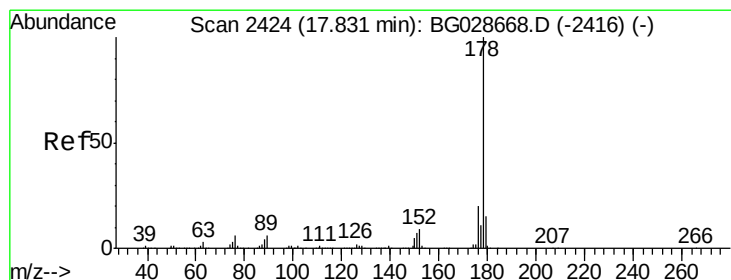
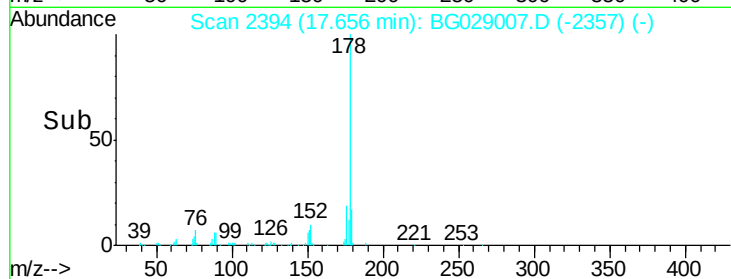
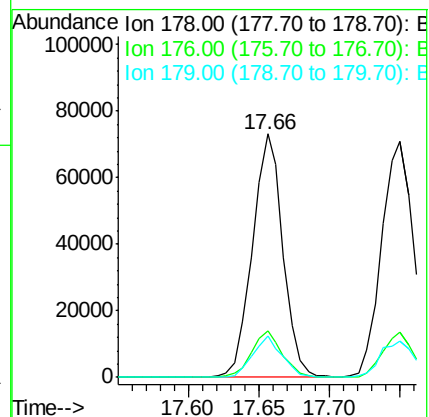
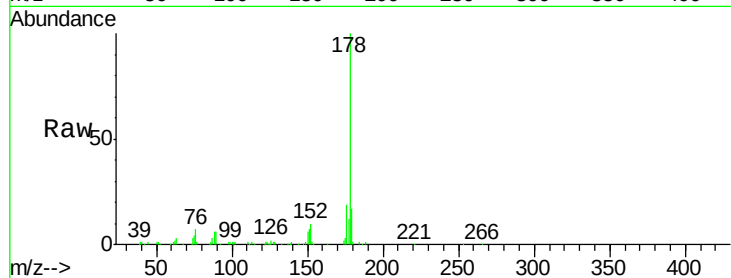
Tot Ion:178 Resp: 110823

Ion Ratio Lower Upper

178 100

176 18.9 17.7 26.5

179 17.1 15.0 22.6



#71

Anthracene

Concen: 8.46 ng

RT: 17.75 min Scan# 2410

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

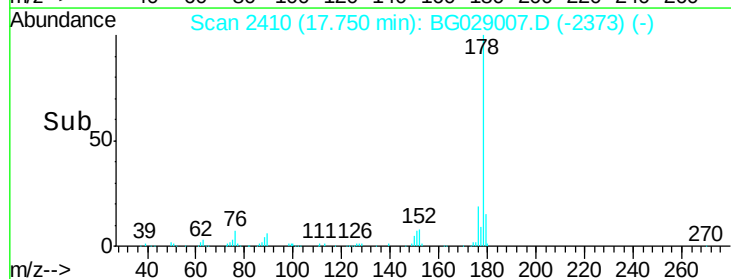
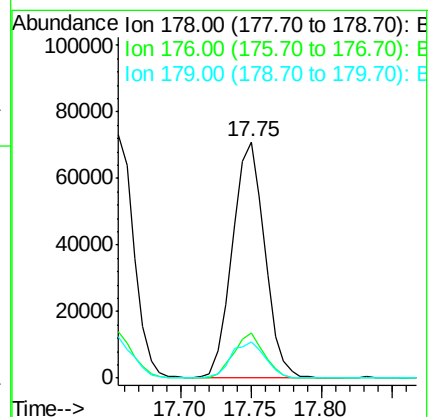
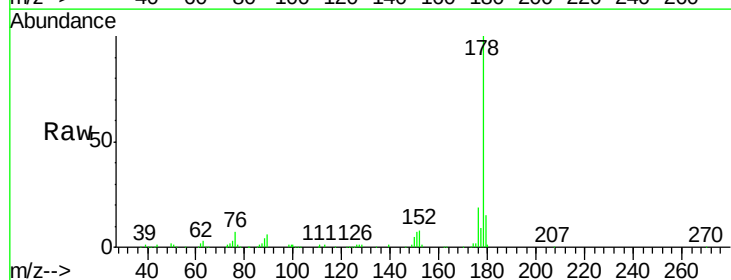
Tgt Ion:178 Resp: 113141

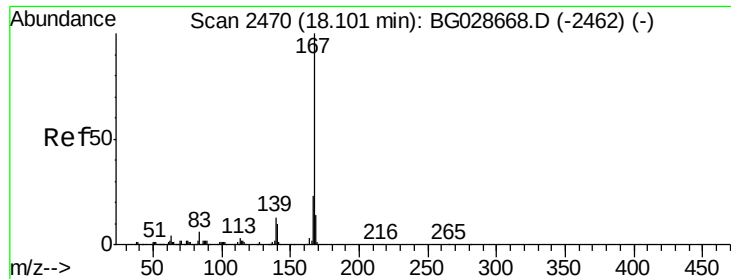
Ion Ratio Lower Upper

178 100

176 18.9 16.4 24.6

179 15.4 13.8 20.8





#72

Carbazole

Concen: 8.71 ng

RT: 18.02 min Scan# 2456

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

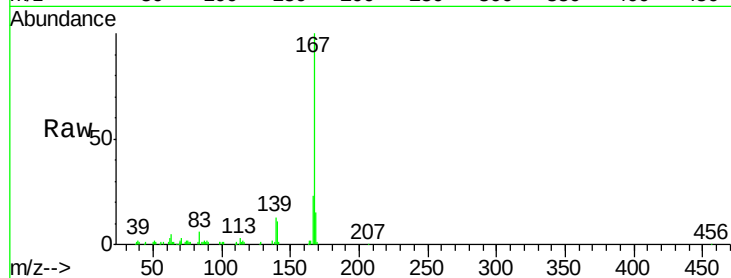
Tot Ion:167 Resp: 104923

Ion Ratio Lower Upper

167 100

166 22.8 20.2 30.2

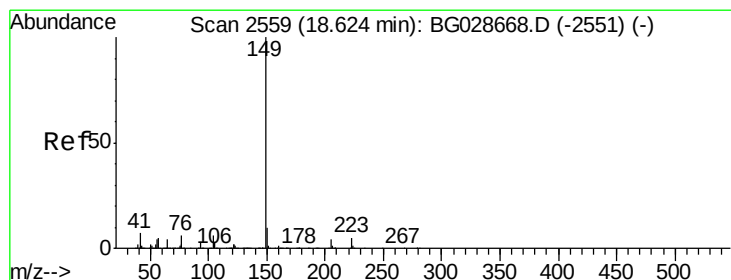
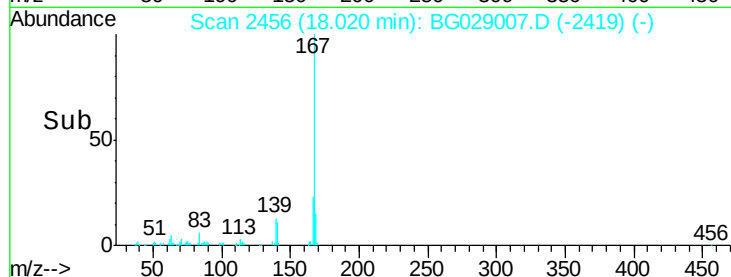
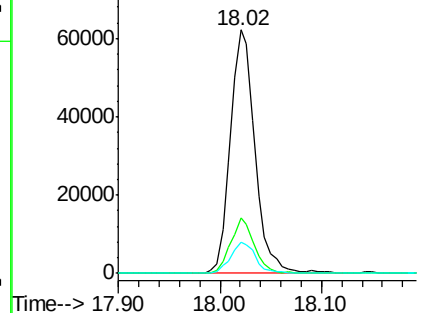
139 12.6 12.8 19.2#



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: 8.45 ng

RT: 18.55 min Scan# 2546

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

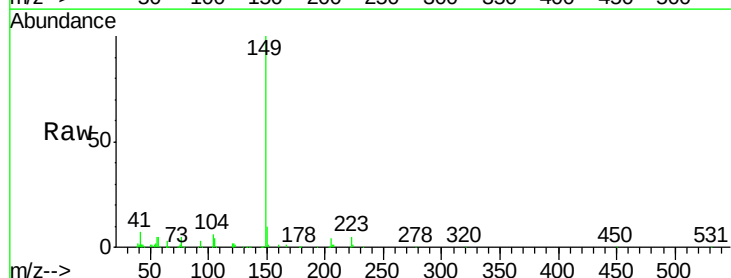
Tgt Ion:149 Resp: 124874

Ion Ratio Lower Upper

149 100

150 9.8 9.1 13.7

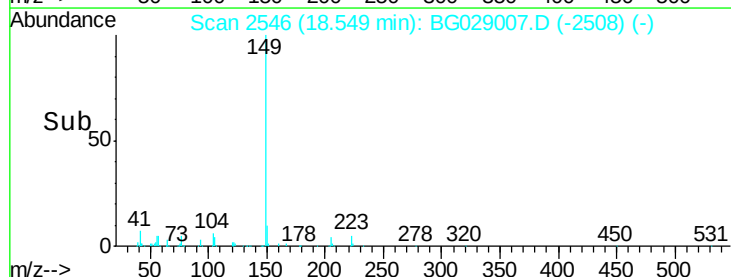
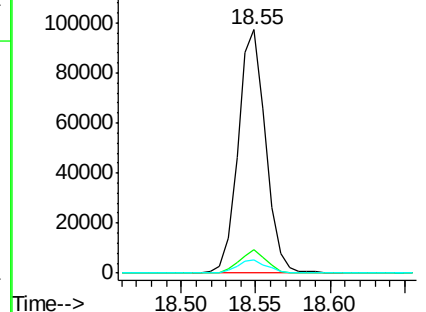
104 5.5 6.7 10.1#

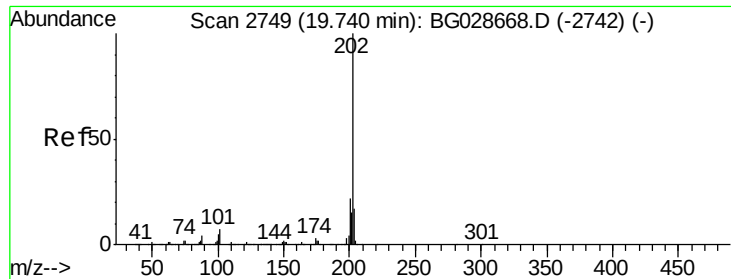


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8.61 ng

RT: 19.66 min Scan# 2735

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

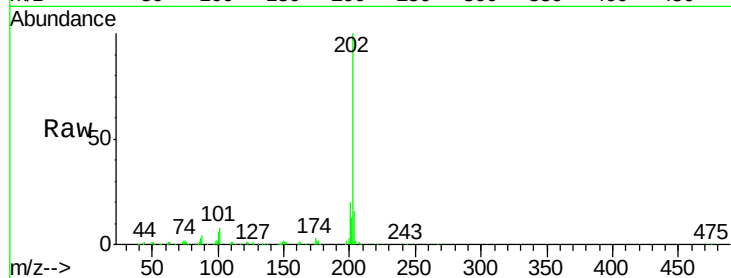
Tot Ion:202 Resp: 139213

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.1

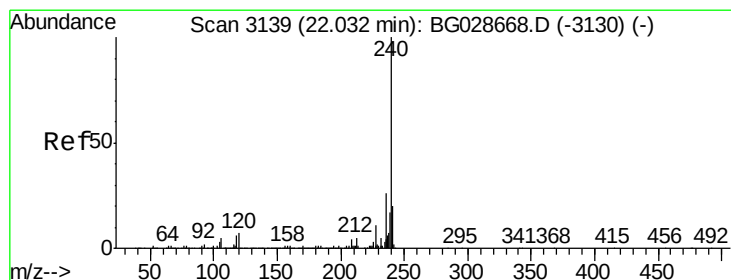
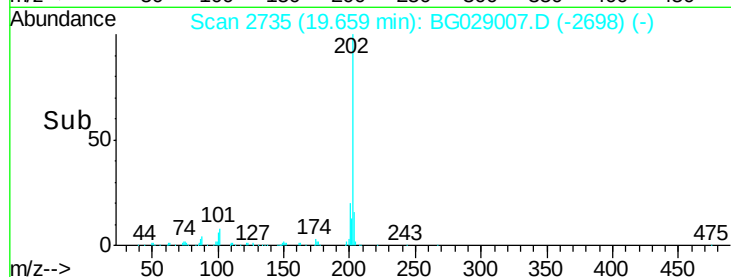
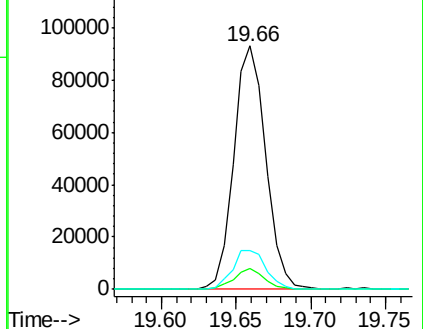
203 15.9 1.3 41.3



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: BG029007.D

Acq: 3 Oct 2017 16:06

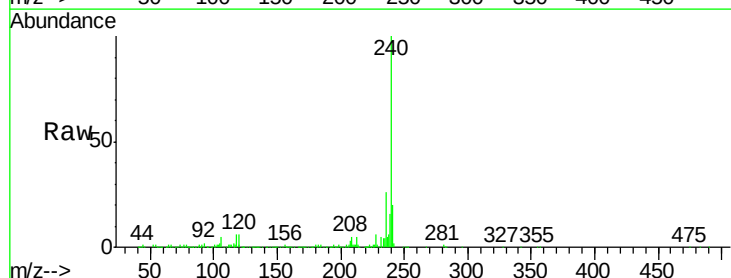
Tgt Ion:240 Resp: 287220

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

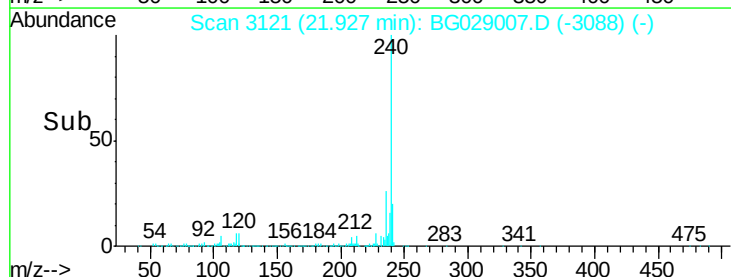
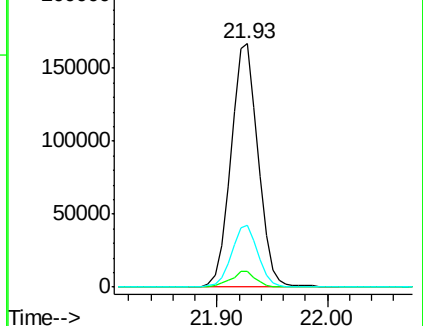
236 25.5 22.2 33.4

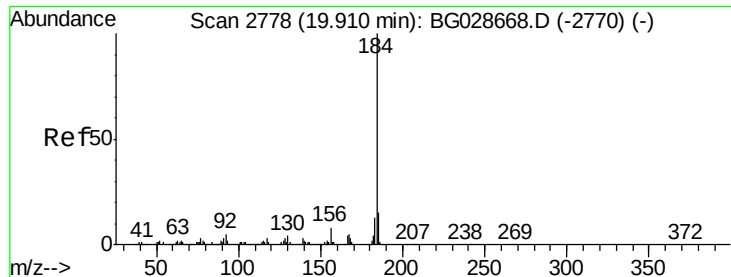


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 5.30 ng

RT: 19.84 min Scan# 2765

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

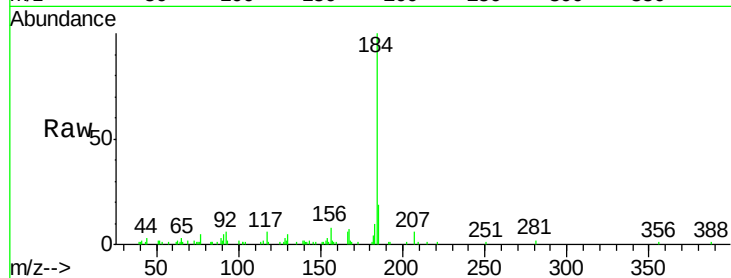
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 39474

Ion	Ratio	Lower	Upper
184	100		
185	19.4	13.0	19.6
183	10.4	11.0	16.6

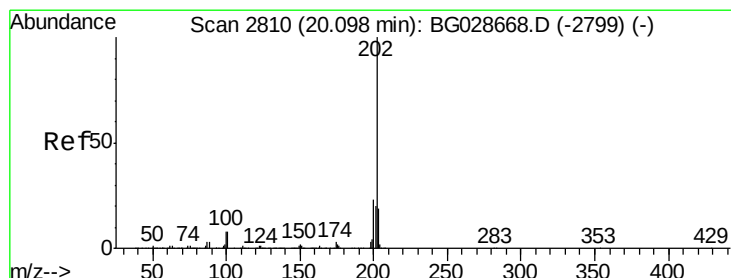
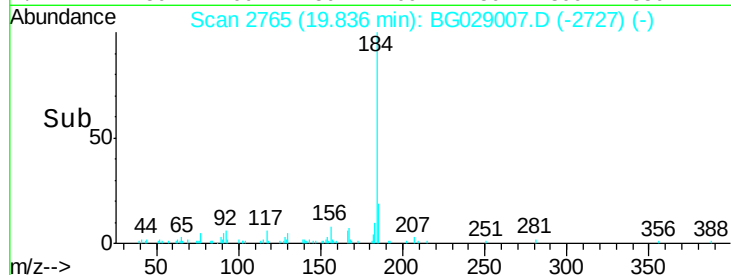
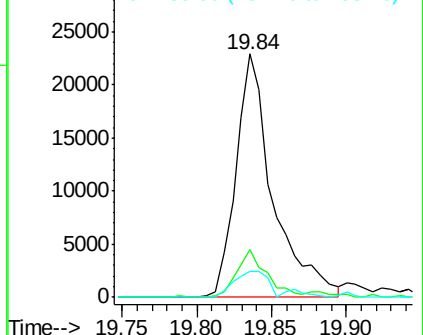


Abundance

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: 8.87 ng

RT: 20.02 min Scan# 2797

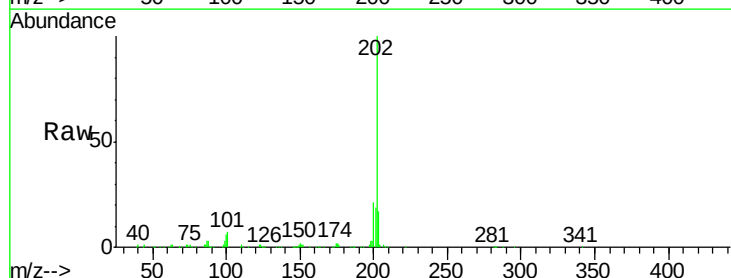
Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Tgt Ion:202 Resp: 147000

Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.6	29.4
203	16.9	15.8	23.8

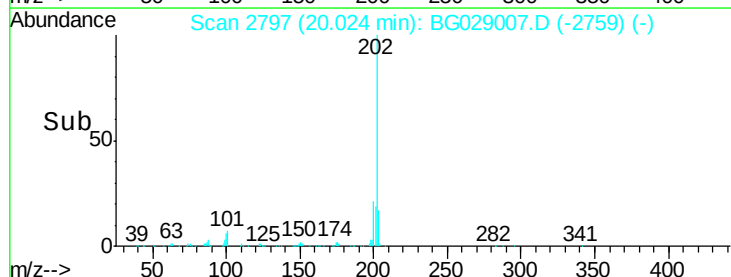
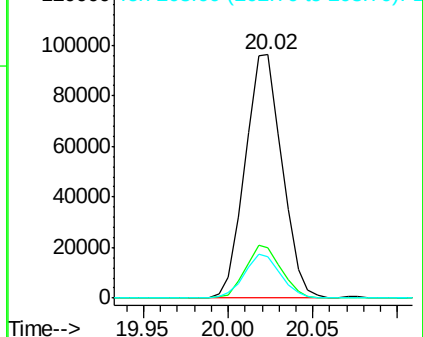


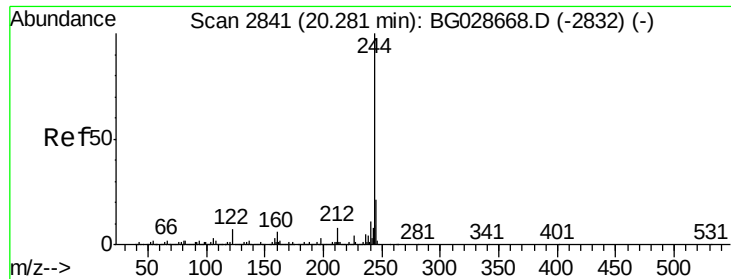
Abundance

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: 87.87 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

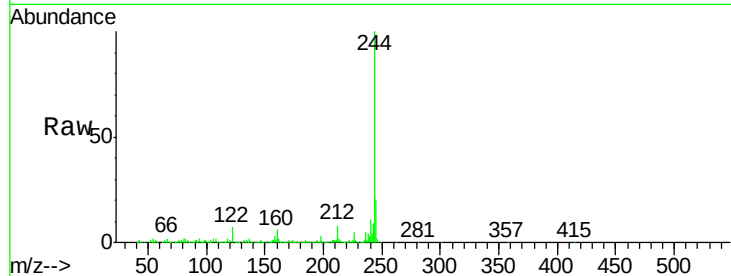
Tot Ion:244 Resp: 1183518

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

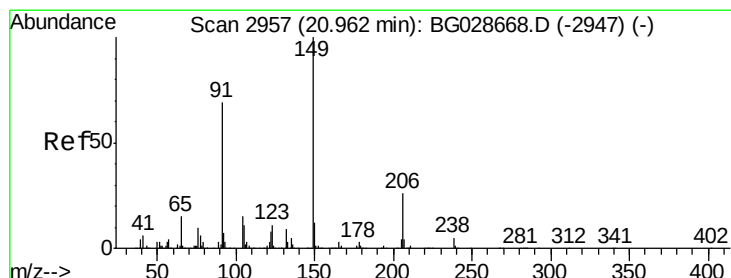
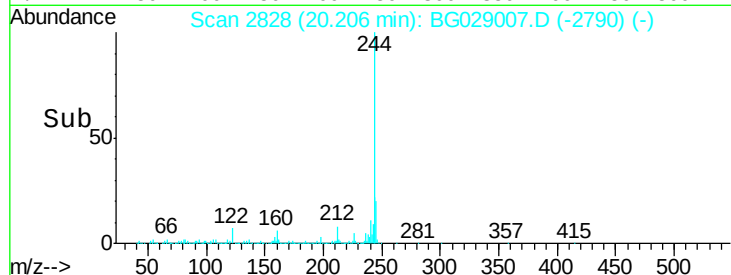
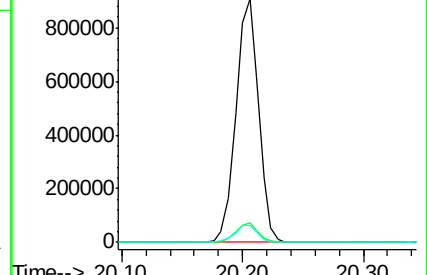
122 7.0 8.6 12.8#



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: 8.21 ng

RT: 20.88 min Scan# 2943

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

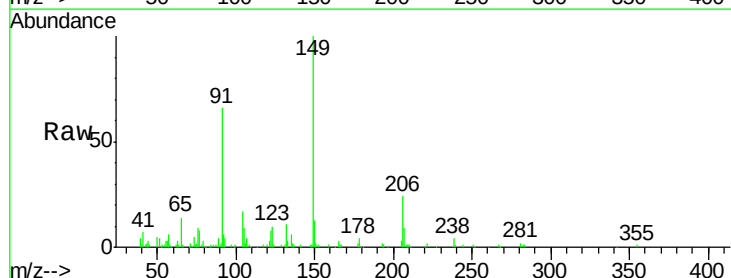
Tgt Ion:149 Resp: 54927

Ion Ratio Lower Upper

149 100

91 65.7 63.5 95.3

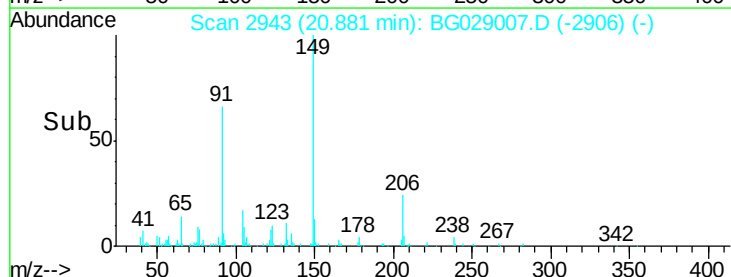
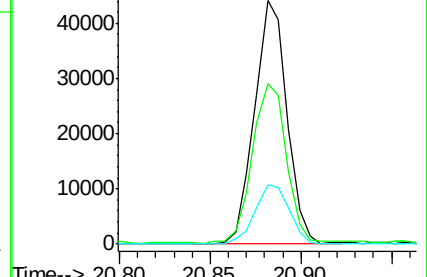
206 24.2 21.0 31.6

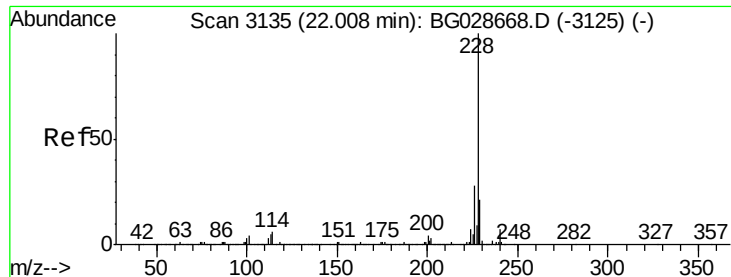


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

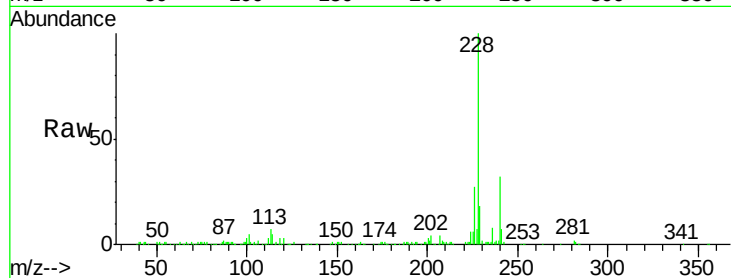




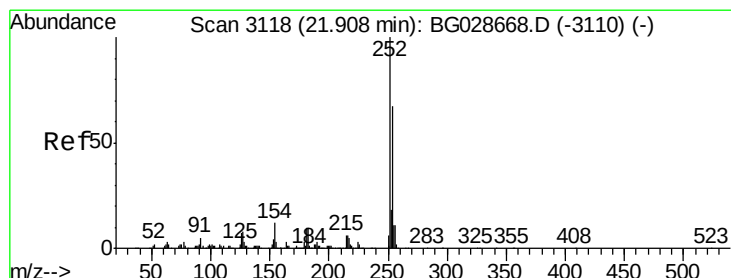
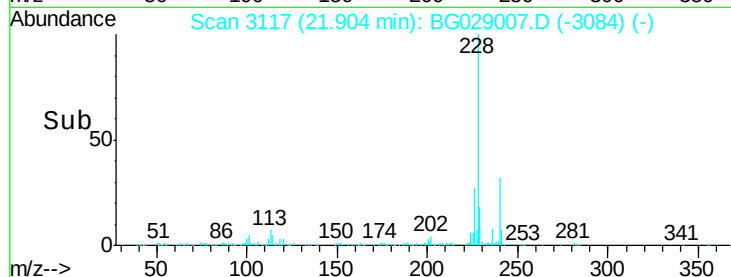
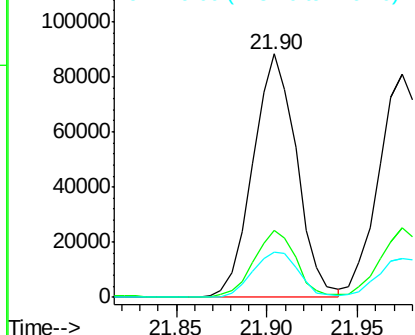
#80
Benzo(a)anthracene
Concen: 8.53 ng
RT: 21.90 min Scan# 3117
Delta R.T. -0.10 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 147509
Ion Ratio Lower Upper
228 100
226 27.5 24.9 37.3
229 18.4 18.2 27.2

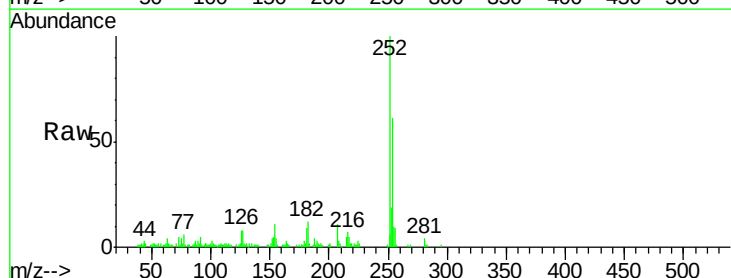


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

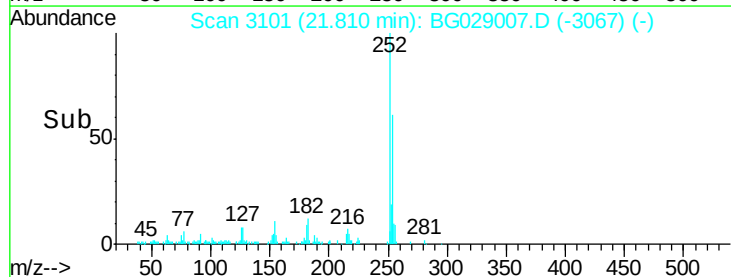
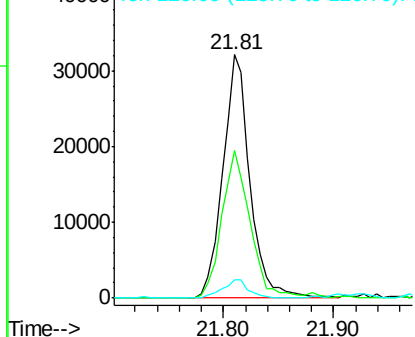


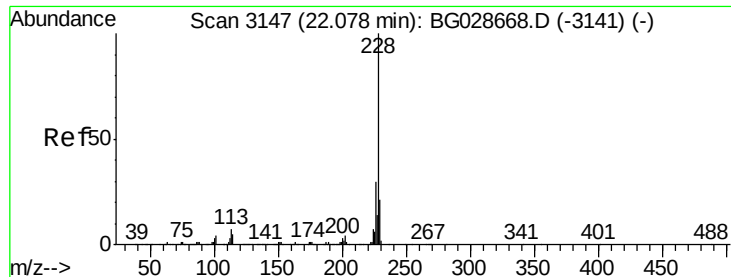
#81
3,3'-Dichlorobenzidine
Concen: 7.83 ng
RT: 21.81 min Scan# 3101
Delta R.T. -0.10 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:252 Resp: 54854
Ion Ratio Lower Upper
252 100
254 60.6 53.1 79.7
126 7.6 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: 8.99 ng

RT: 21.90 min Scan# 3117

Delta R.T. -0.17 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

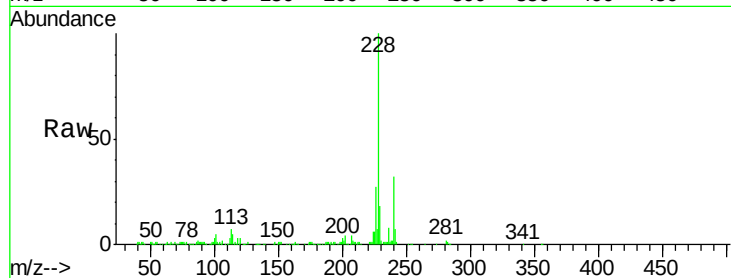
Tot Ion:228 Resp: 147509

Ion	Ratio	Lower	Upper
228	100		
226	27.5	27.0	40.4
229	18.4	17.8	26.6

228 100

226 27.5 27.0 40.4

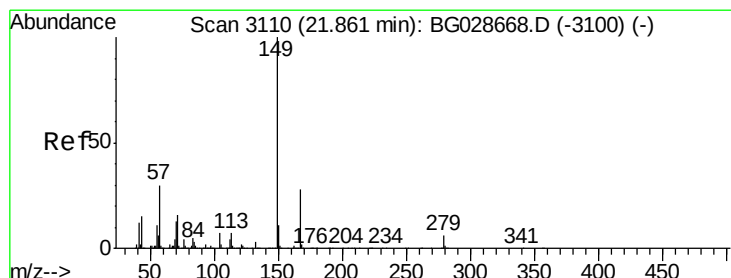
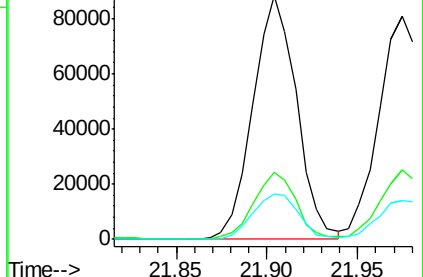
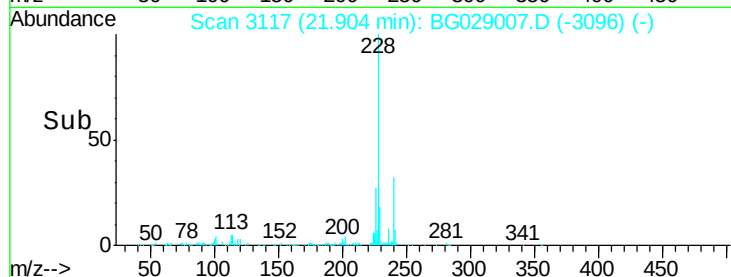
229 18.4 17.8 26.6



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: 7.80 ng

RT: 21.76 min Scan# 3093

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

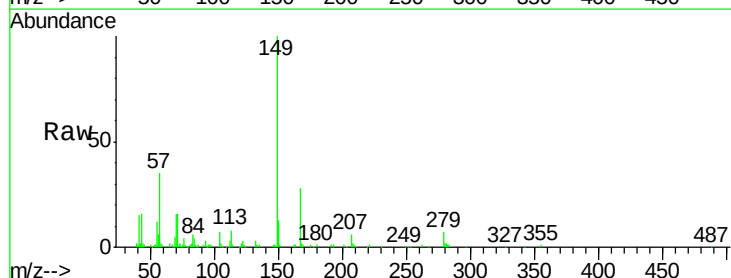
Tgt Ion:149 Resp: 74223

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	6.9	4.6	6.8

149 100

167 28.4 23.7 35.5

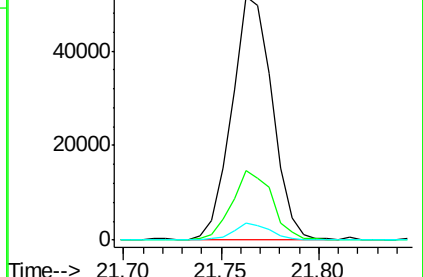
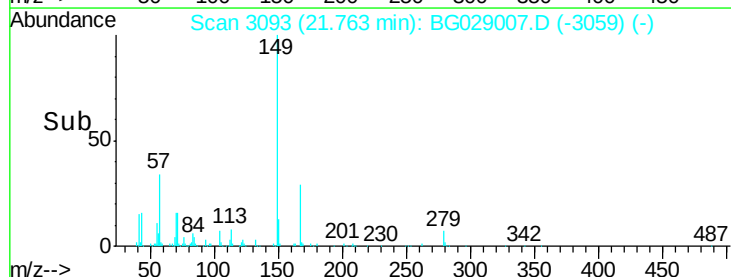
279 6.9 4.6 6.8

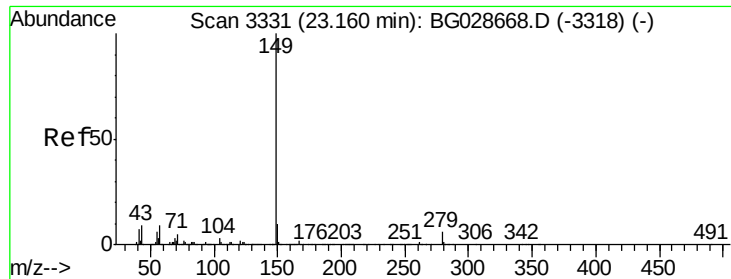


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 7.57 ng

RT: 23.03 min Scan# 3309

Delta R.T. -0.13 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

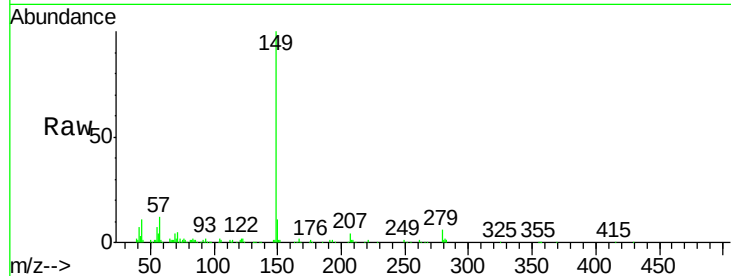
Tot Ion:149 Resp: 125762

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.2

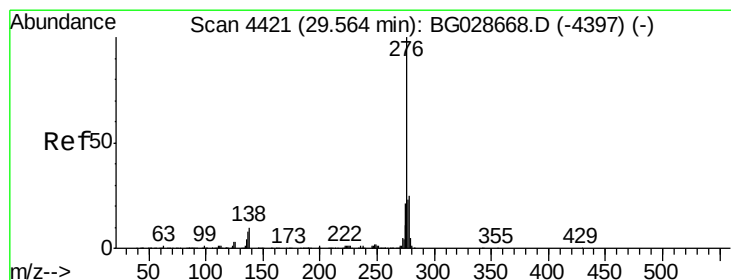
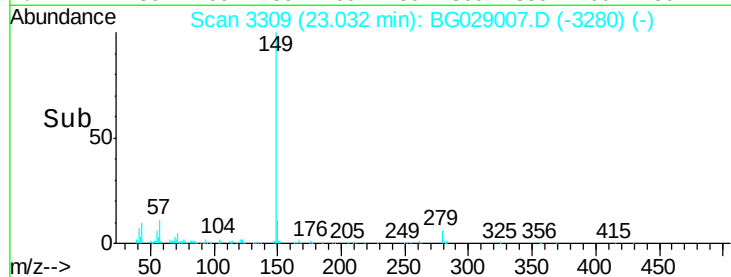
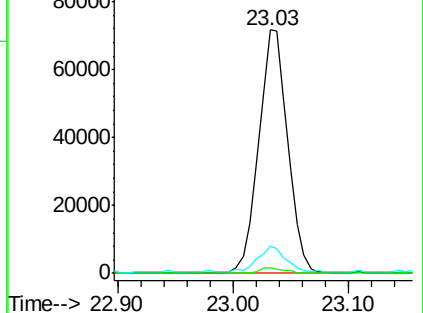
43 10.3 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.87 ng

RT: 29.26 min Scan# 4369

Delta R.T. -0.30 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

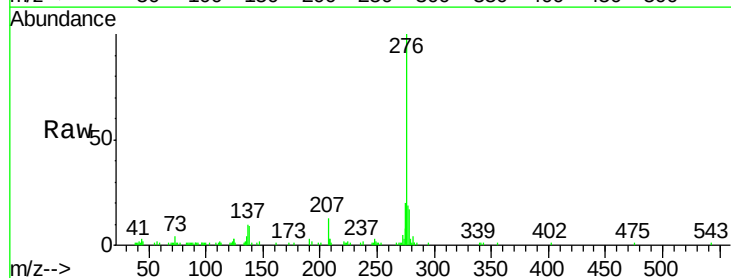
Tgt Ion:276 Resp: 81481

Ion Ratio Lower Upper

276 100

138 9.0 4.7 7.1#

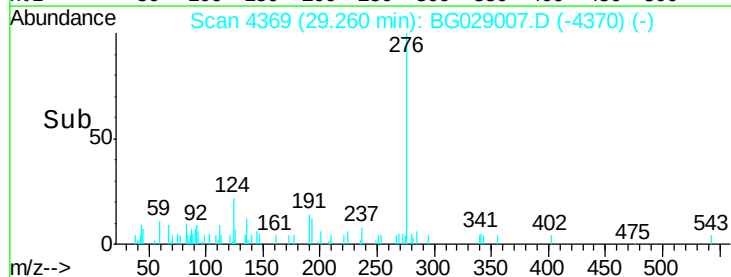
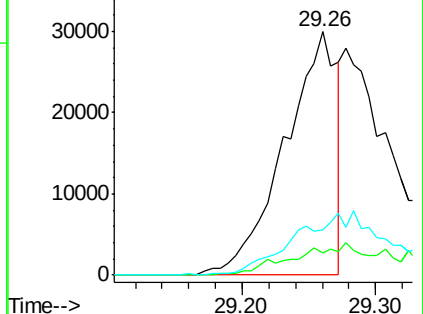
277 15.0 20.6 31.0#

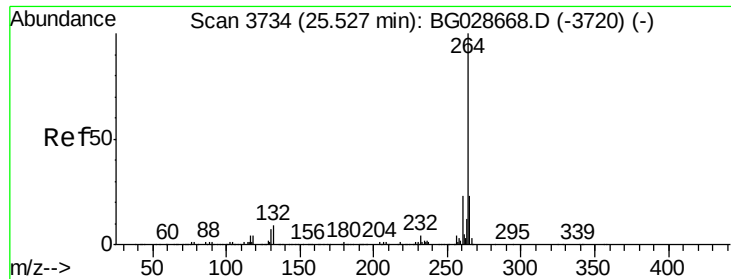


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

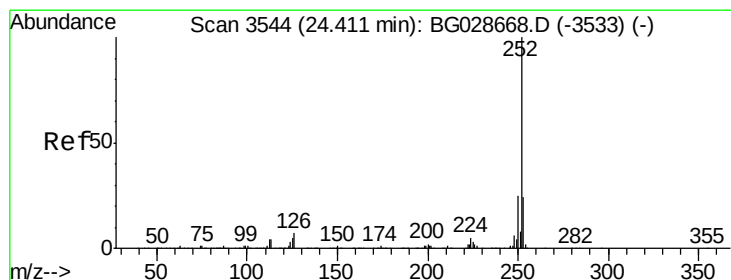
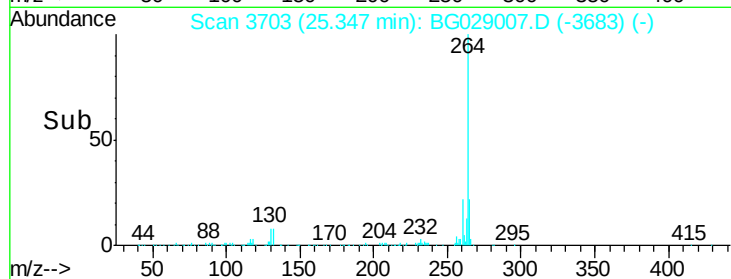
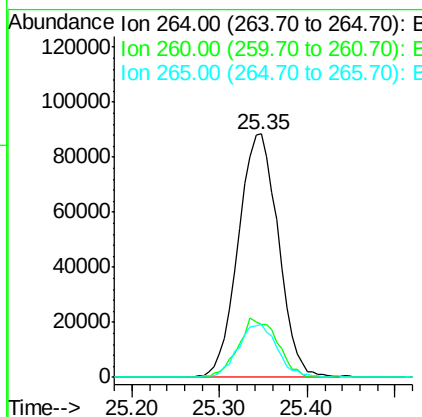
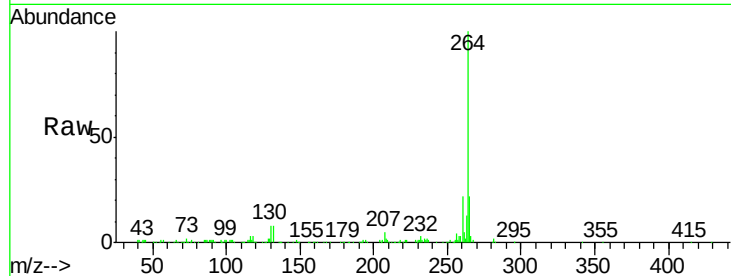




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

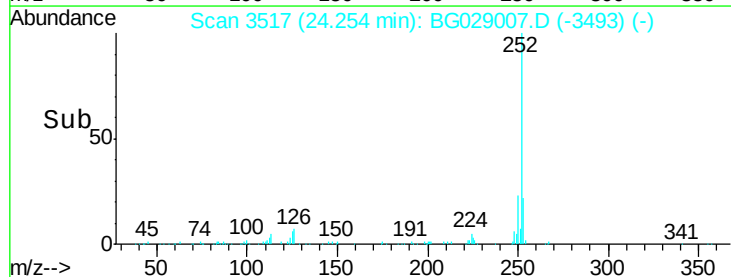
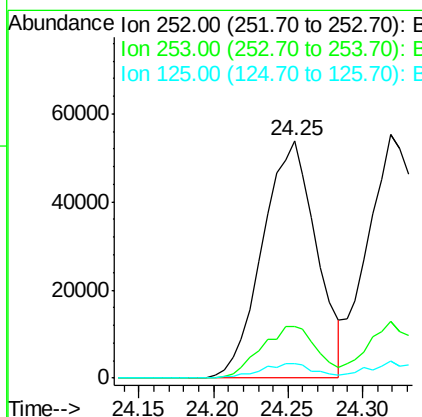
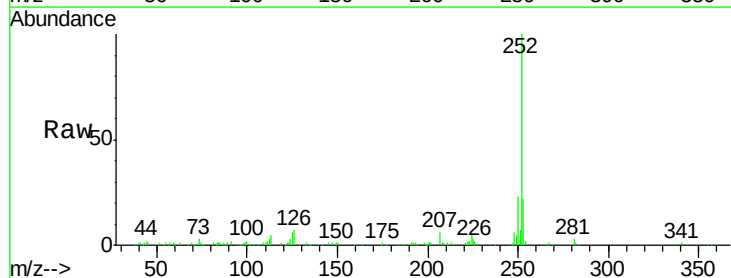
Instrument :
BNA_G
ClientSampleId :

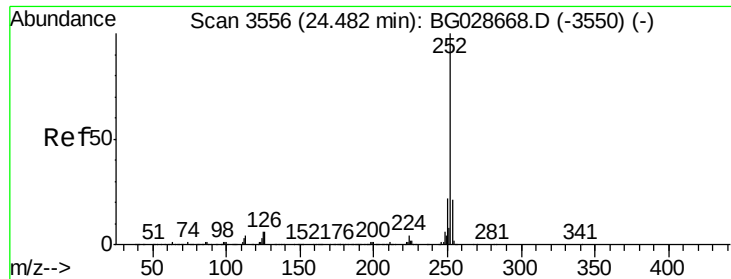
Tot Ion:264 Resp: 275176
Ion Ratio Lower Upper
264 100
260 21.6 21.8 32.8#
265 21.6 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 8.20 ng
RT: 24.25 min Scan# 3517
Delta R.T. -0.16 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:252 Resp: 135183
Ion Ratio Lower Upper
252 100
253 21.7 18.7 28.1
125 6.0 5.3 7.9

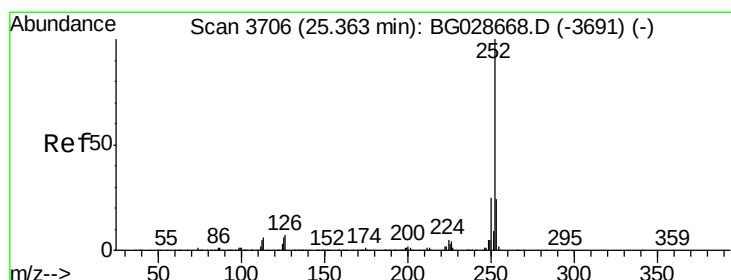
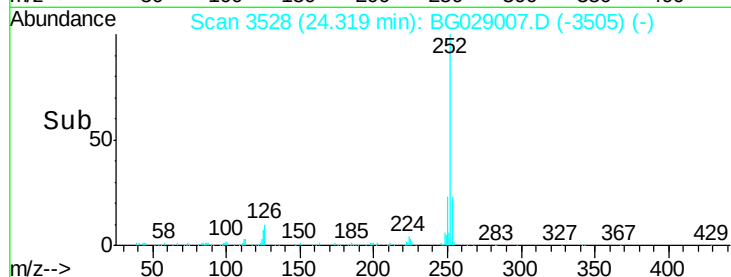
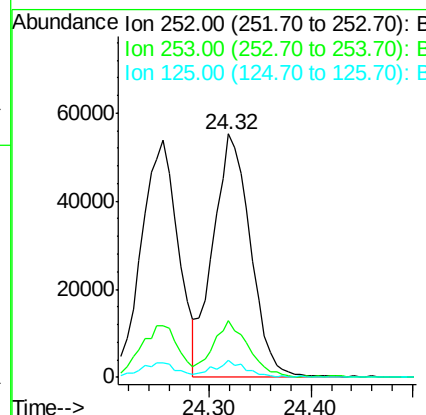
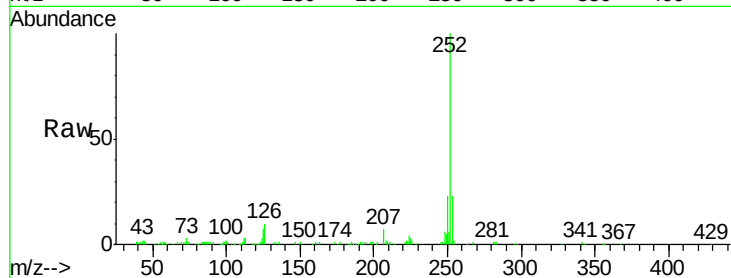




#88
Benzo(k)fluoranthene
Concen: 8.57 ng
RT: 24.32 min Scan# 3528
Delta R.T. -0.16 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

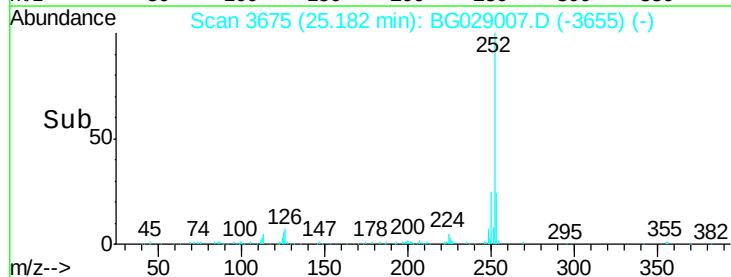
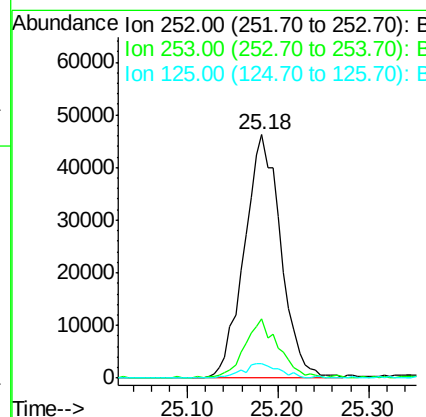
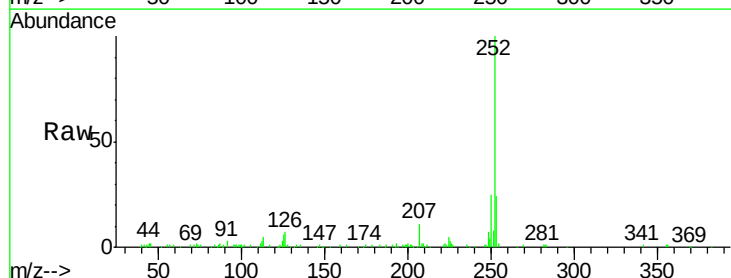
Instrument :
BNA_G
ClientSampleId :

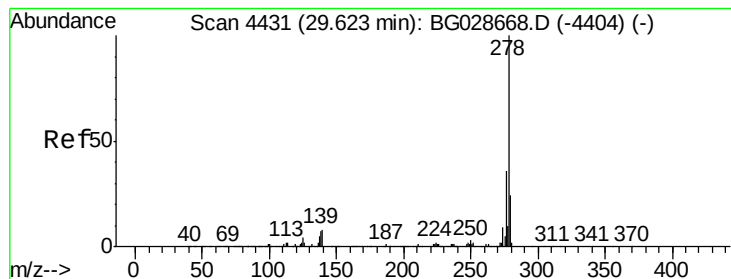
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.2
125	6.9	5.1	7.7



#89
Benzo(a)pyrene
Concen: 8.24 ng
RT: 25.18 min Scan# 3675
Delta R.T. -0.18 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	6.1	5.4	8.0





#90

Dibenzo(a,h)anthracene

Concen: 8.14 ng

RT: 29.32 min Scan# 4380

Delta R.T. -0.30 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

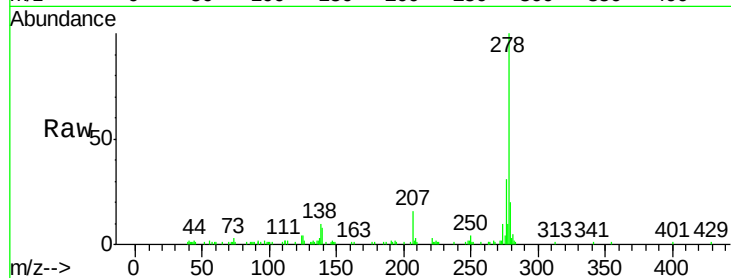
Tot Ion:278 Resp: 132832

Ion Ratio Lower Upper

278 100

139 7.6 7.7 11.5#

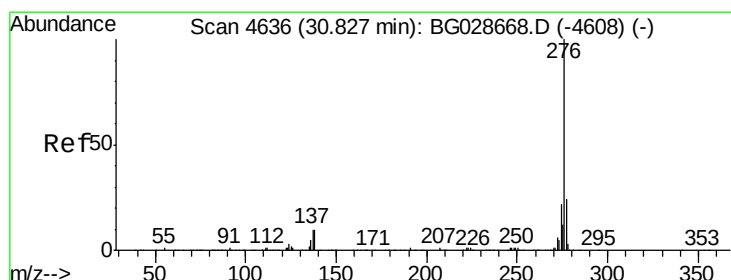
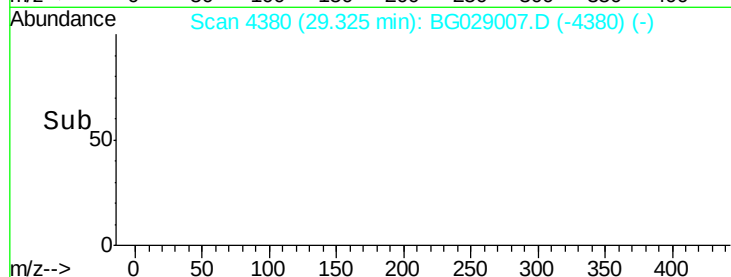
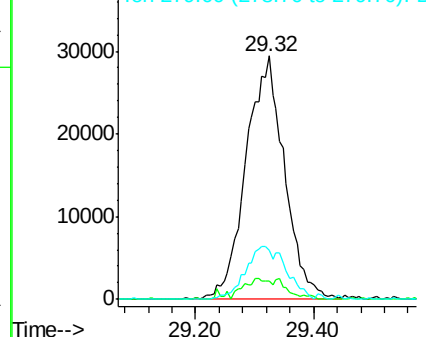
279 20.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.21 ng

RT: 30.48 min Scan# 4577

Delta R.T. -0.35 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

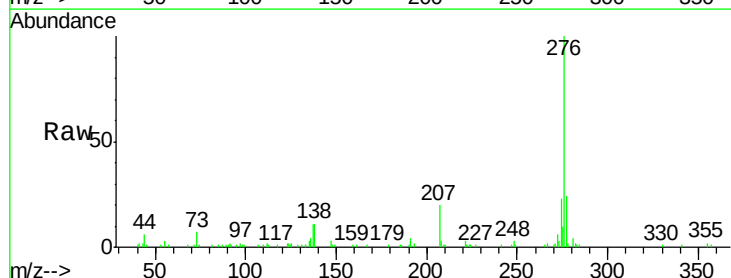
Tgt Ion:276 Resp: 130738

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 10.7 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

