

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032729.D
 Acq On : 16 Feb 2018 00:50
 Operator : SJ/JU
 Sample : PB106582BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 16 03:09:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	20819	20.00	ng	-0.04
21) Naphthalene-d8	11.50	136	79621	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	56985	20.00	ng	-0.03
63) Phenanthrene-d10	18.01	188	145180	20.00	ng	-0.03
75) Chrysene-d12	22.34	240	193065	20.00	ng	-0.03
86) Perylene-d12	25.95	264	211024	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.07	112	135660	130.74	ng	-0.04
7) Phenol-d6	7.75	99	163119	114.96	ng	-0.04
23) Nitrobenzene-d5	9.83	82	101716	81.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.76	330	149664	170.57	ng	-0.03
44) 2-Fluorobiphenyl	13.90	172	367401	80.63	ng	-0.03
78) Terphenyl-d14	20.56	244	791414	93.43	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.74	88	12759	29.39	ng	# 69
3) Pyridine	4.19	79	31340	28.15	ng	# 80
4) n-Nitrosodimethylamine	4.11	42	19633	37.53	ng	# 66
6) Aniline	7.92	93	38929	23.21	ng	# 99
8) 2-Chlorophenol	8.18	128	54091	45.33	ng	# 82
9) Benzaldehyde	7.74	77	6034	7.20	ng	# 87
10) Phenol	7.78	94	54627	39.59	ng	# 85
11) bis(2-Chloroethyl)ether	8.02	93	35991	32.53	ng	# 70
12) 1,3-Dichlorobenzene	8.51	146	63268	37.60	ng	# 95
13) 1,4-Dichlorobenzene	8.66	146	62118	37.36	ng	# 96
14) 1,2-Dichlorobenzene	8.99	146	63195	37.69	ng	# 90
15) Benzyl Alcohol	8.87	79	39425	37.07	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	9.15	45	34749	29.18	ng	# 65
17) 2-Methylphenol	9.07	107	37688	38.56	ng	# 92
18) Hexachloroethane	9.74	117	21981	36.21	ng	# 84
19) n-Nitroso-di-n-propylamine	9.44	70	30887	32.38	ng	# 88
20) 3+4-Methylphenols	9.40	107	54954	37.20	ng	# 95
22) Acetophenone	9.47	105	70572	41.68	ng	# 89
24) Nitrobenzene	9.88	77	48853	37.24	ng	# 87
25) Isophorone	10.39	82	89856	37.62	ng	# 82
26) 2-Nitrophenol	10.60	139	31397	44.75	ng	# 83
27) 2,4-Dimethylphenol	10.64	122	48230	52.33	ng	# 90
28) bis(2-Chloroethoxy)methane	10.87	93	48800	39.97	ng	# 89
29) 2,4-Dichlorophenol	11.14	162	61524	45.61	ng	# 84
30) 1,2,4-Trichlorobenzene	11.36	180	72876	38.53	ng	# 98
31) Naphthalene	11.56	128	161926	41.88	ng	# 97
32) Benzoic acid	10.77	122	25094	35.26	ng	# 81
33) 4-Chloroaniline	11.66	127	36744	23.95	ng	# 90
34) Hexachlorobutadiene	11.83	225	57773	37.27	ng	# 96
35) Caprolactam	12.42	113	17543	45.79	ng	# 30
36) 4-Chloro-3-methylphenol	12.74	107	57039	47.01	ng	# 91
37) 2-Methylnaphthalene	13.13	142	133148	42.46	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	13.48	216	99983	37.15	ng	# 97
40) Hexachlorocyclopentadiene	13.46	237	143889	84.48	ng	# 89

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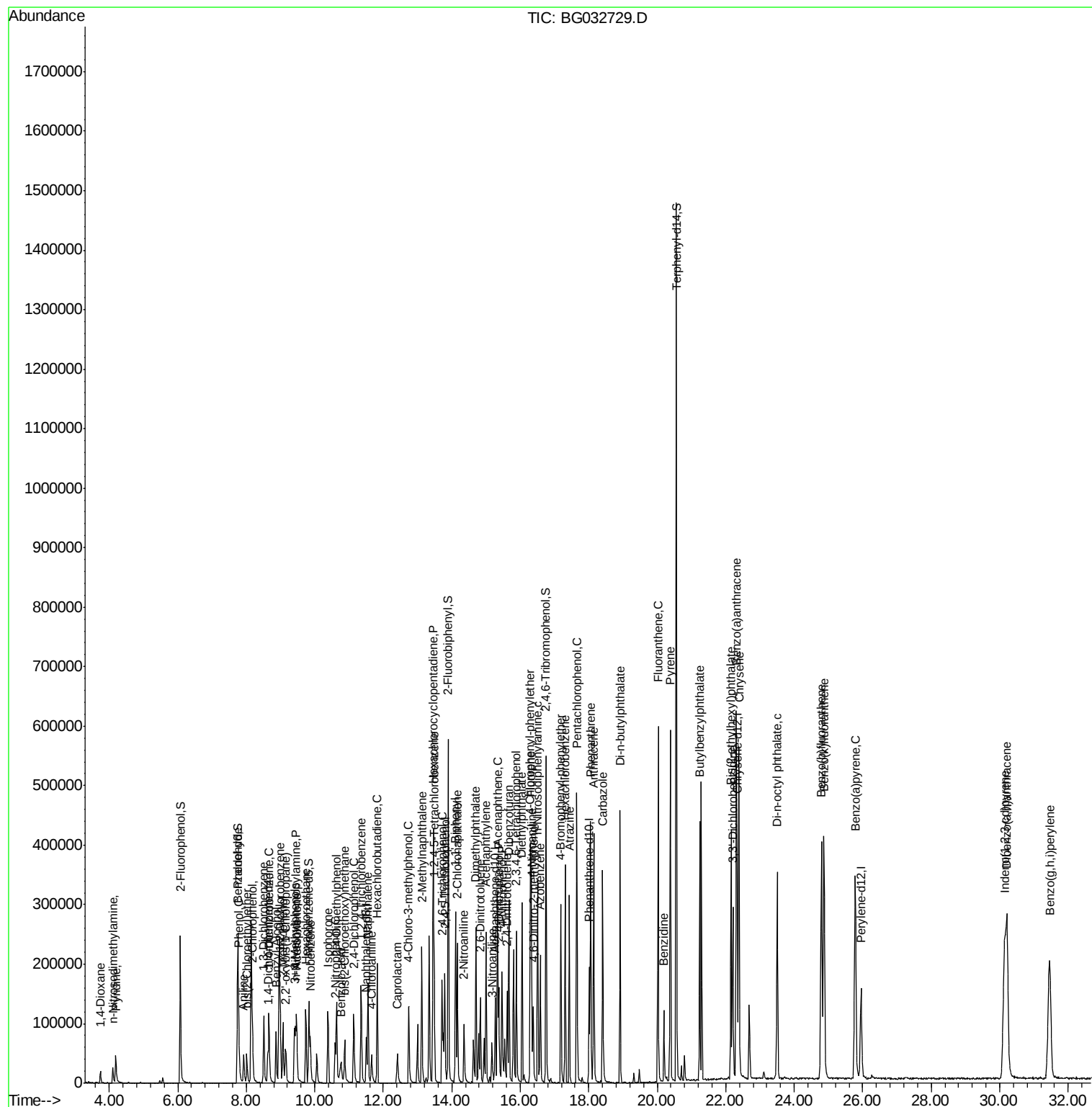
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	56520	42.07	nq	88
43) 2,4,5-Trichlorophenol	13.79	196	61328	36.63	nq	# 94
45) 1,1'-Biphenyl	14.11	154	188657	40.24	nq	94
46) 2-Chloronaphthalene	14.16	162	142998	38.54	nq	97
47) 2-Nitroaniline	14.36	65	31237	38.70	nq	# 64
48) Acenaphthylene	15.00	152	220784	40.45	nq	98
49) Dimethylphthalate	14.70	163	197888	40.17	nq	99
50) 2,6-Dinitrotoluene	14.83	165	43057	42.44	nq	# 80
51) Acenaphthene	15.34	154	177037	47.49	nq	98
52) 3-Nitroaniline	15.17	138	28120	31.39	nq	# 69
53) 2,4-Dinitrophenol	15.37	184	53384	95.03	nq	# 58
54) Dibenzofuran	15.67	168	236517	42.64	nq	97
55) 4-Nitrophenol	15.47	139	64979	96.58	nq	# 69
56) 2,4-Dinitrotoluene	15.62	165	65655	46.97	nq	# 69
57) Fluorene	16.31	166	192200	42.14	nq	93
58) 2,3,4,6-Tetrachlorophenol	15.89	232	71849	45.59	nq	# 85
59) Diethylphthalate	16.06	149	197575	41.22	nq	100
60) 4-Chlorophenyl-phenylether	16.29	204	117279	38.94	nq	96
61) 4-Nitroaniline	16.33	138	39058	42.29	nq	# 75
62) Azobenzene	16.58	77	119675	38.86	nq	85
64) 4,6-Dinitro-2-methylphenol	16.38	198	41699	40.38	nq	# 69
65) n-Nitrosodiphenylamine	16.51	169	176282	41.40	nq	99
66) 4-Bromophenyl-phenylether	17.18	248	86741	41.75	nq	96
67) Hexachlorobenzene	17.31	284	100509	45.04	nq	# 87
68) Atrazine	17.43	200	83225	45.57	nq	96
69) Pentachlorophenol	17.65	266	124035	90.79	nq	96
70) Phenanthrene	18.05	178	325884	41.79	nq	99
71) Anthracene	18.14	178	342625	42.94	nq	97
72) Carbazole	18.41	167	299760	44.06	nq	98
73) Di-n-butylphthalate	18.92	149	349478	45.62	nq	98
74) Fluoranthene	20.03	202	458869	44.07	nq	96
76) Benzidine	20.19	184	96982	21.33	nq	99
77) Pyrene	20.39	202	458127	39.89	nq	99
79) Butylbenzylphthalate	21.24	149	159848	42.25	nq	# 76
80) Benzo(a)anthracene	22.31	228	483397	39.99	nq	99
81) 3,3'-Dichlorobenzidine	22.21	252	139650	30.93	nq	# 97
82) Chrysene	22.38	228	463737	38.91	nq	97
83) Bis(2-ethylhexyl)phthalate	22.15	149	225880	41.40	nq	# 97
84) Di-n-octyl phthalate	23.51	149	391248	45.70	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.15	276	650828	46.09	nq	# 81
87) Benzo(b)fluoranthene	24.79	252	517748	41.17	nq	# 95
88) Benzo(k)fluoranthene	24.87	252	523539	40.23	nq	# 96
89) Benzo(a)pyrene	25.78	252	524821	42.84	nq	# 95
90) Dibenzo(a,h)anthracene	30.21	278	548317	44.95	nq	# 93
91) Benzo(g,h,i)perylene	31.46	276	544304	46.16	nq	# 91

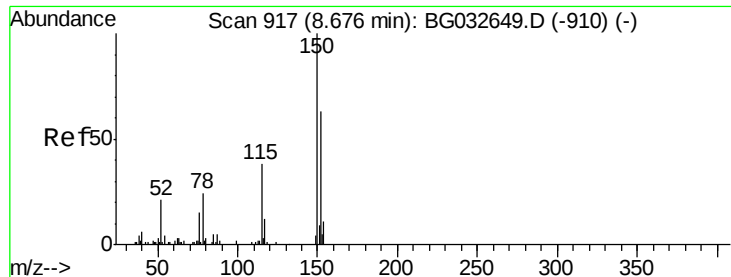
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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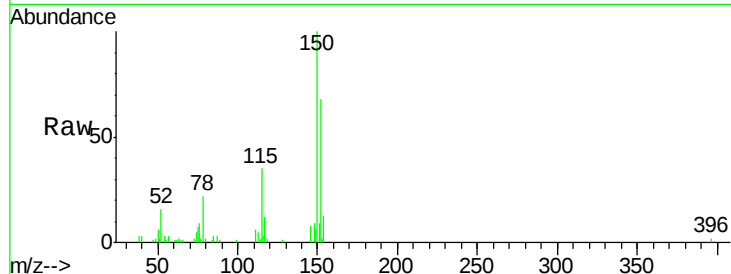


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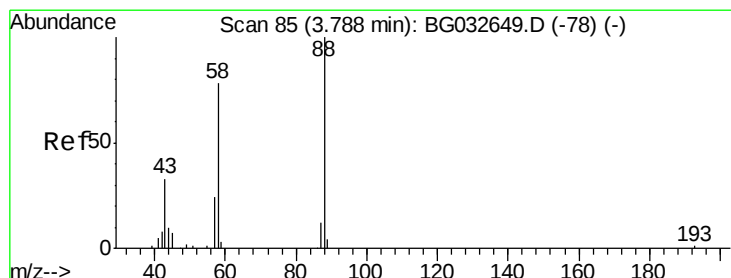
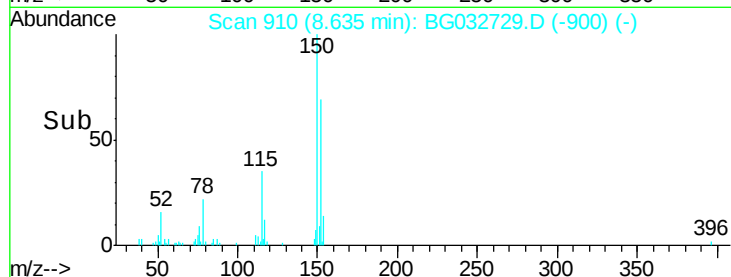
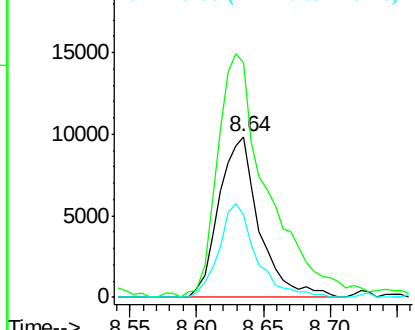
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.64 min Scan# 910
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20819
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 51.0 53.0 79.4#



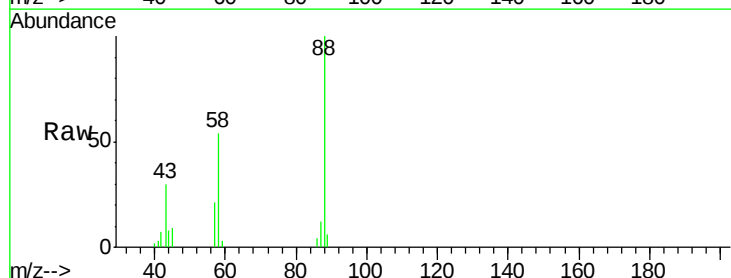
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



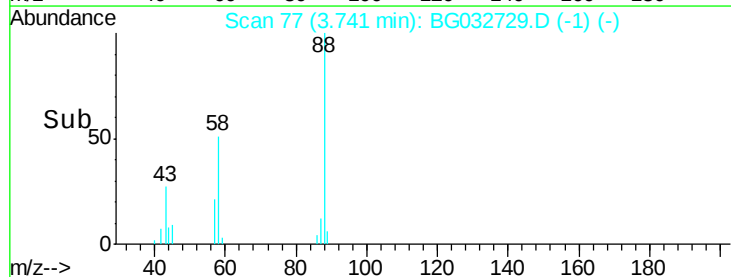
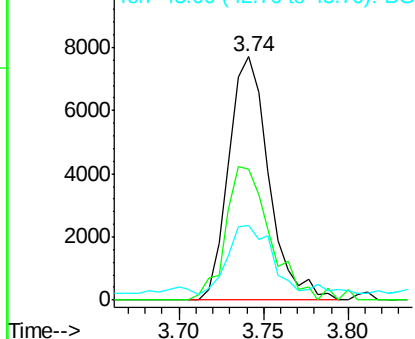
#2

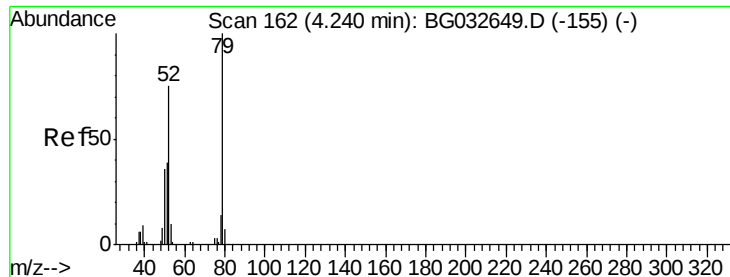
1,4-Dioxane
Concen: 29.39 ng
RT: 3.74 min Scan# 77
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion: 88 Resp: 12759
Ion Ratio Lower Upper
88 100
58 59.5 79.6 119.4#
43 31.3 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.15 ng

RT: 4.19 min Scan# 153

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

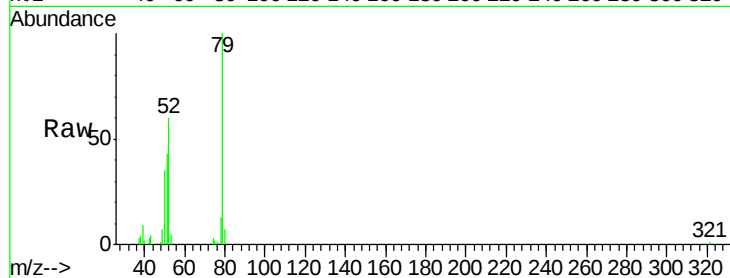
Tot Ion: 79 Resp: 31340

Ion Ratio Lower Upper

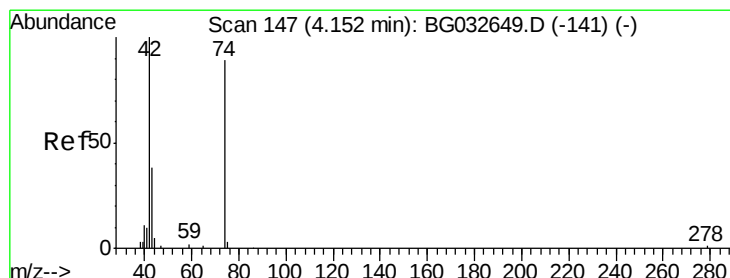
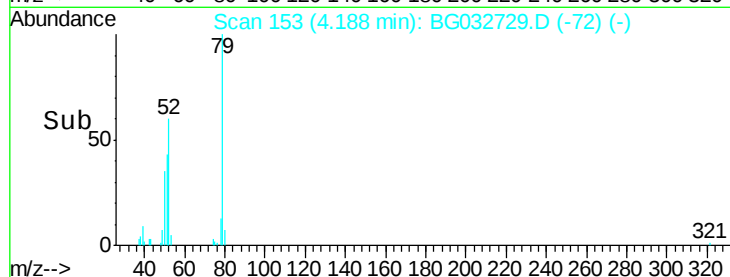
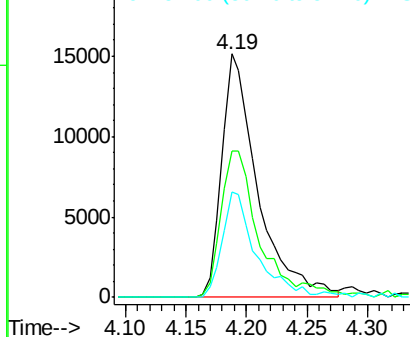
79 100

52 60.0 69.9 104.9#

51 43.0 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 37.53 ng

RT: 4.11 min Scan# 139

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

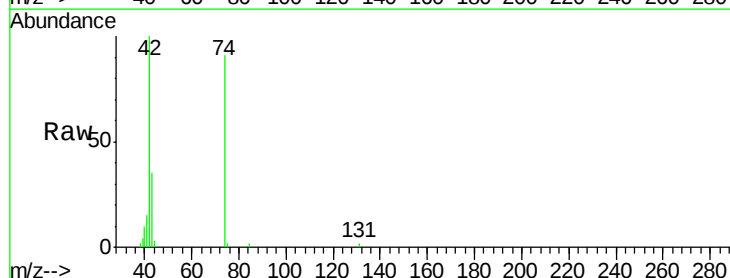
Tgt Ion: 42 Resp: 19633

Ion Ratio Lower Upper

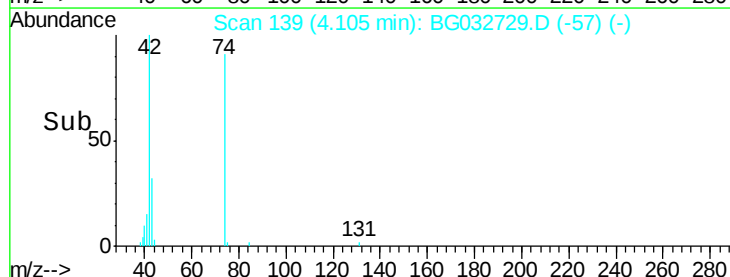
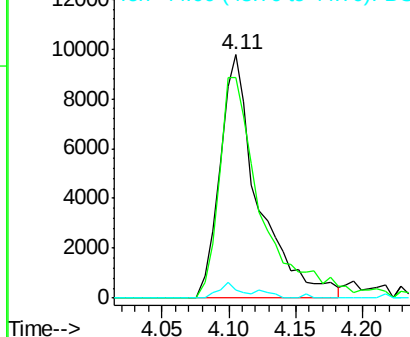
42 100

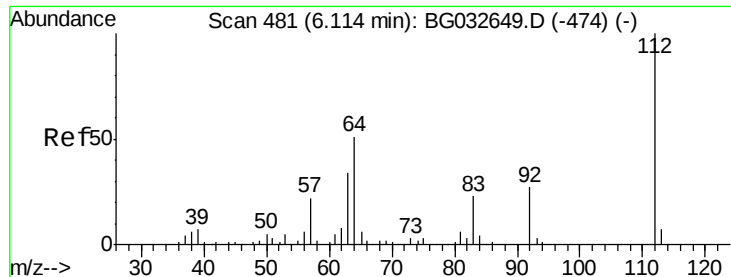
74 90.6 102.5 153.7#

44 3.4 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 130.74 ng

RT: 6.07 min Scan# 474

Delta R.T. -0.04 min

Lab File: BG032729.D

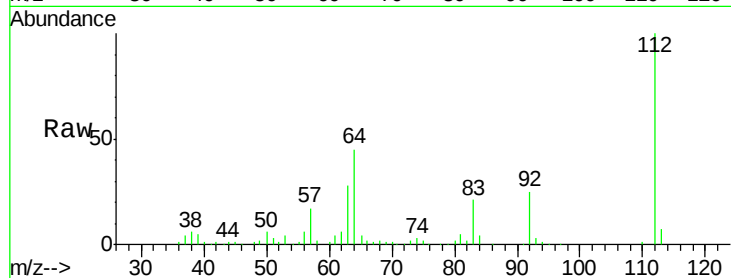
Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	135660
Ion	Ratio	Lower	Upper
112	100		
64	45.2	56.3	84.5#
63	27.7	30.1	45.1#

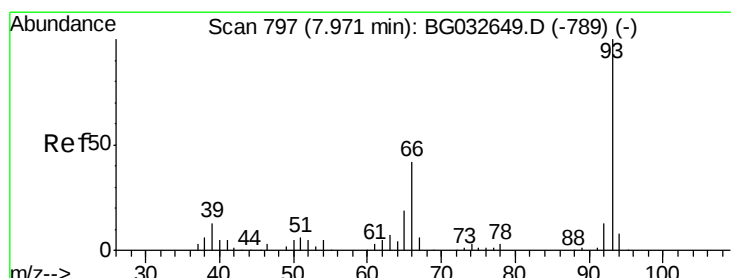
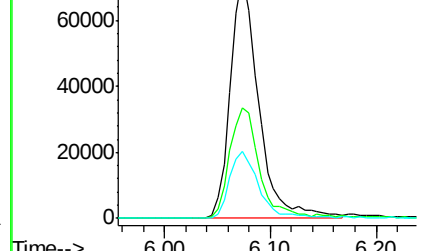
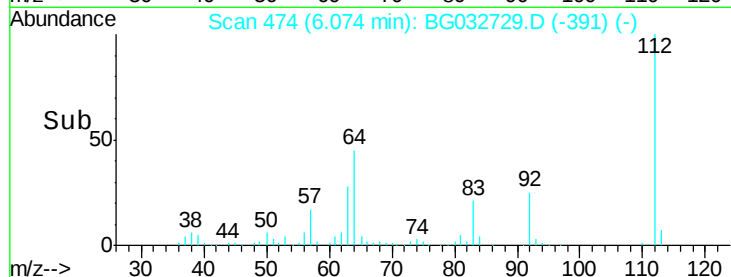


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#6

Aniline

Concen: 23.21 ng

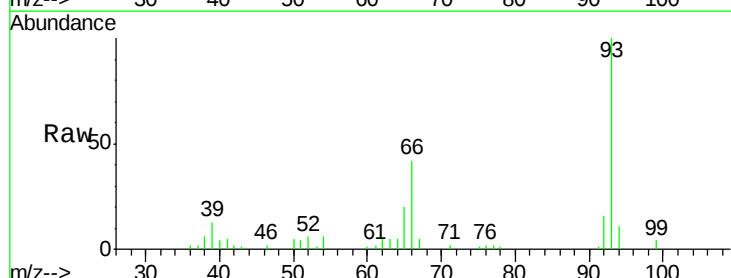
RT: 7.92 min Scan# 789

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Tgt Ion:	93	Resp:	38929
Ion	Ratio	Lower	Upper
93	100		
66	42.4	33.7	50.5
65	19.8	16.1	24.1

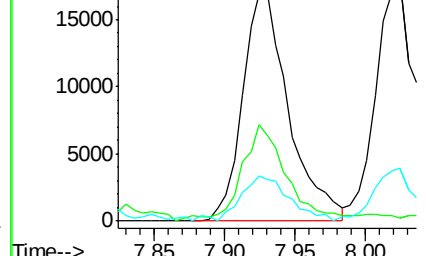
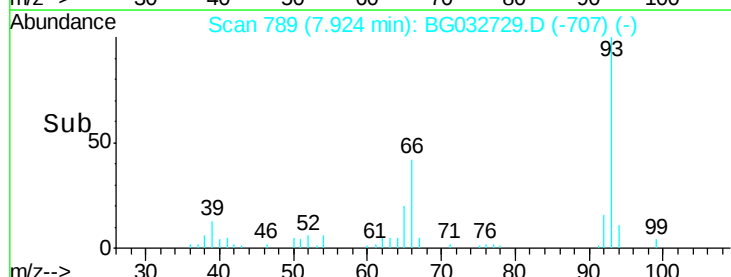


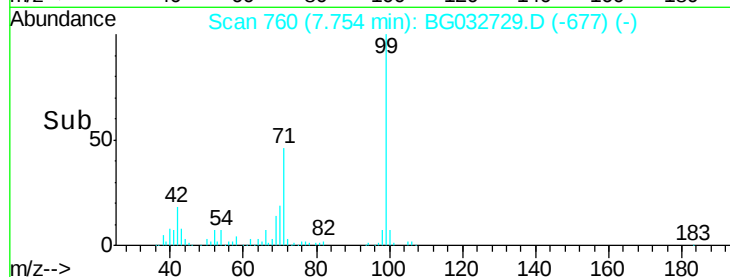
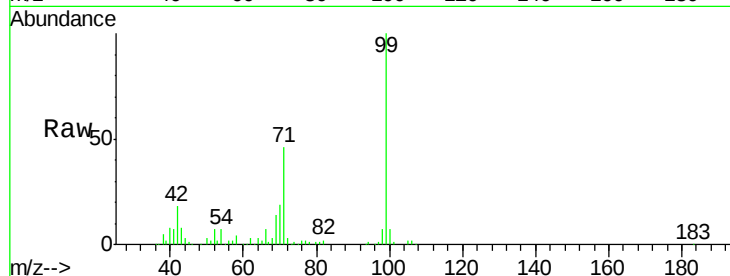
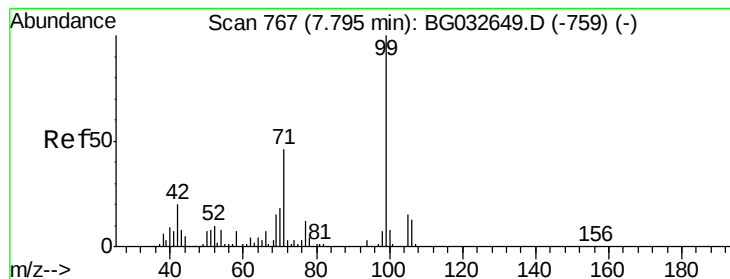
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->





#7

Phenol-d6

Concen: 114.96 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

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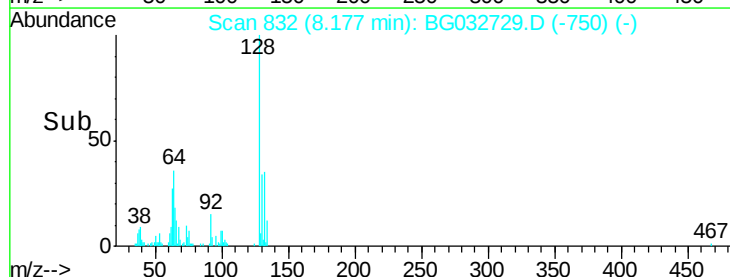
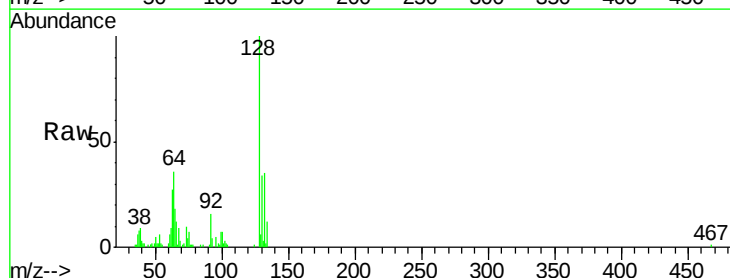
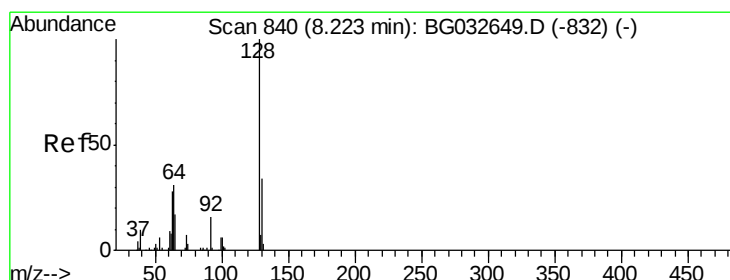
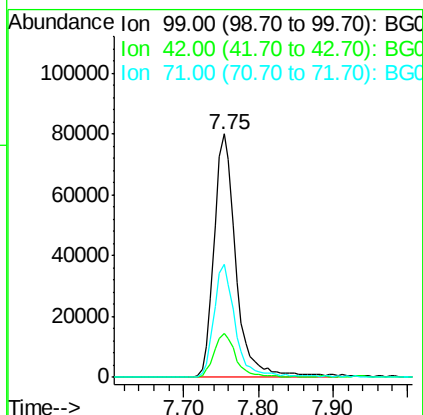
Tot Ion: 99 Resp: 163119

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 46.4 26.1 39.1#



#8

2-Chlorophenol

Concen: 45.33 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

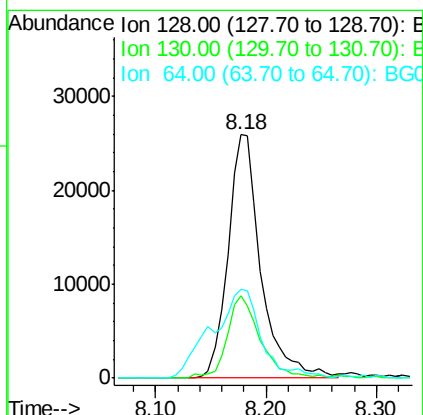
Tgt Ion:128 Resp: 54091

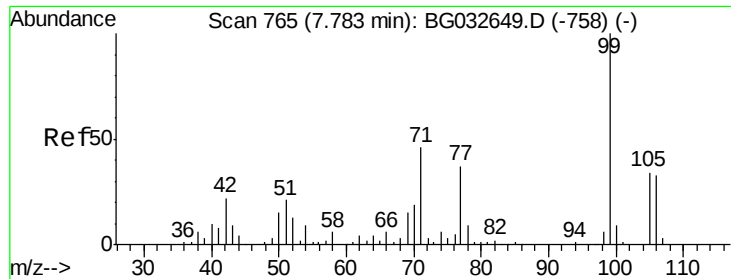
Ion Ratio Lower Upper

128 100

130 34.0 14.0 54.0

64 36.4 37.7 77.7#





#9

Benzaldehyde

Concen: 7.20 ng

RT: 7.74 min Scan# 758

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

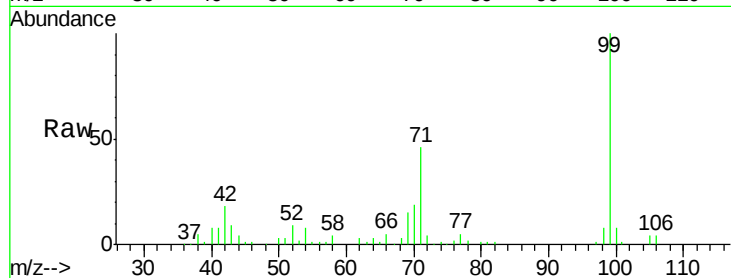
Tot Ion: 77 Resp: 6034

Ion Ratio Lower Upper

77 100

105 69.2 71.3 111.3#

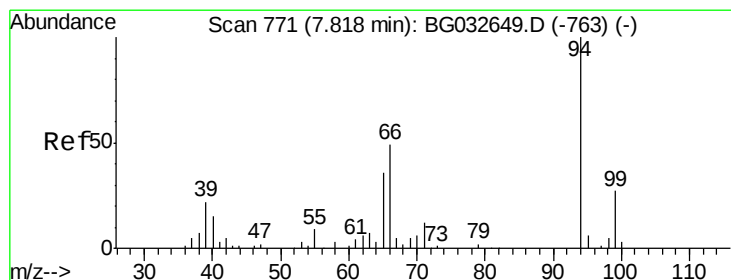
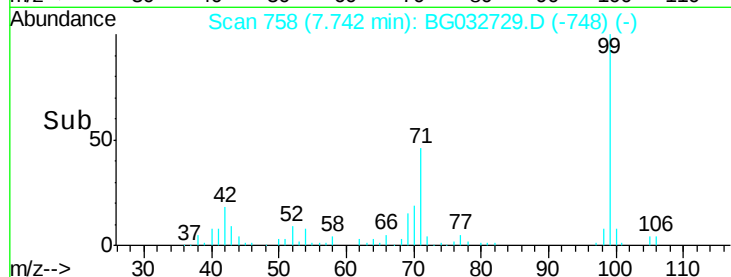
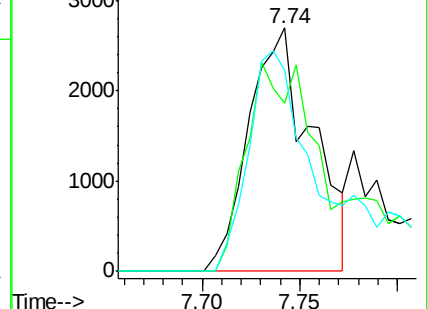
106 82.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.59 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

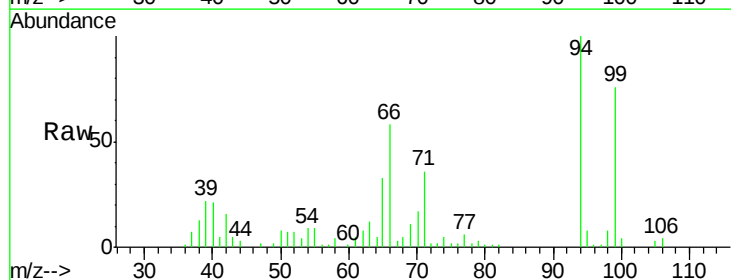
Tgt Ion: 94 Resp: 54627

Ion Ratio Lower Upper

94 100

65 33.0 11.9 51.9

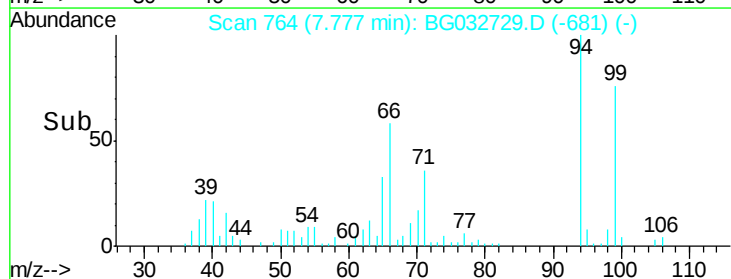
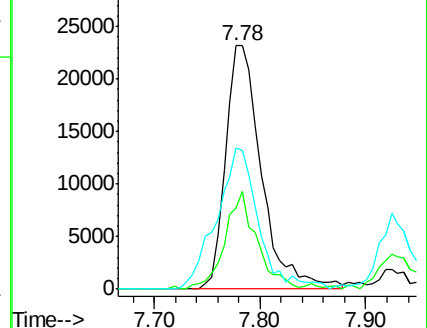
66 58.0 22.2 62.2

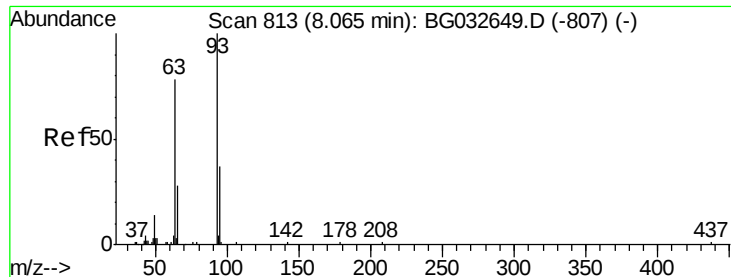


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

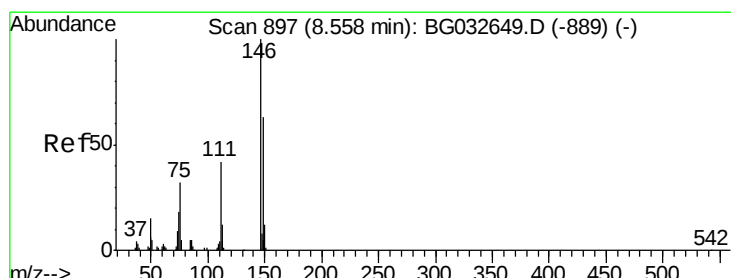
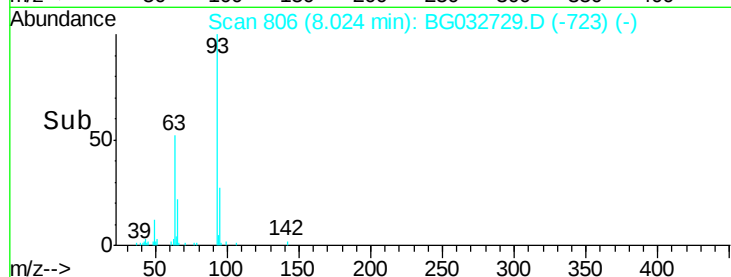
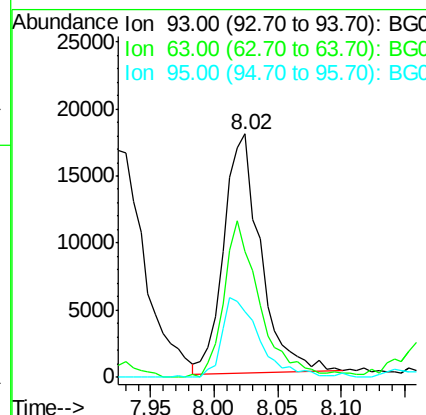
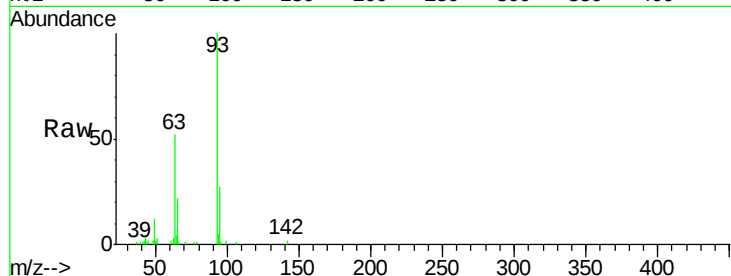




#11
 bis(2-Chloroethyl)ether
 Concen: 32.53 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

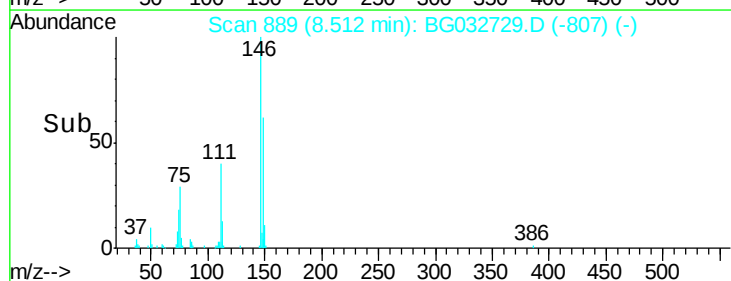
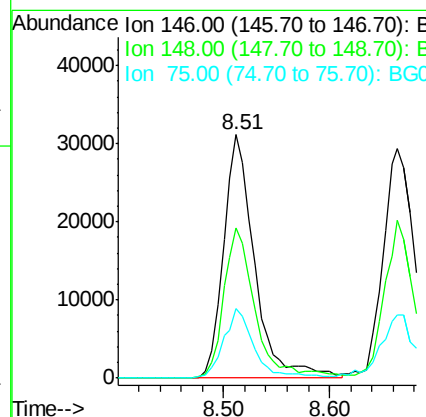
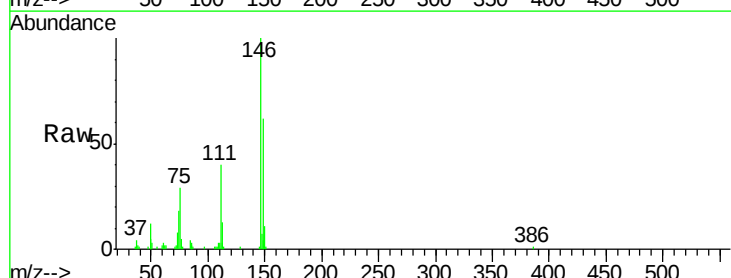
Instrument :
 BNA_G
 ClientSampleId :

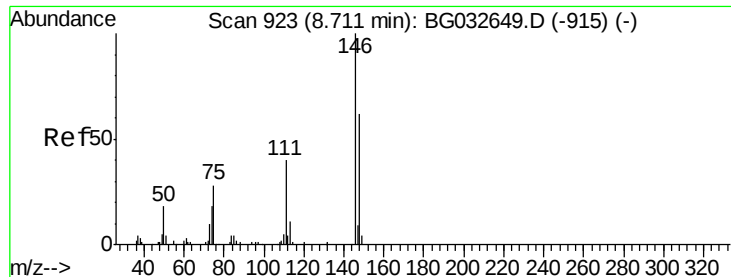
Tot Ion: 93 Resp: 35991
 Ion Ratio Lower Upper
 93 100
 63 51.9 67.1 107.1#
 95 27.2 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.60 ng
 RT: 8.51 min Scan# 889
 Delta R.T. -0.05 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion: 146 Resp: 63268
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.4 77.2
 75 28.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.36 ng

RT: 8.66 min Scan# 915

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

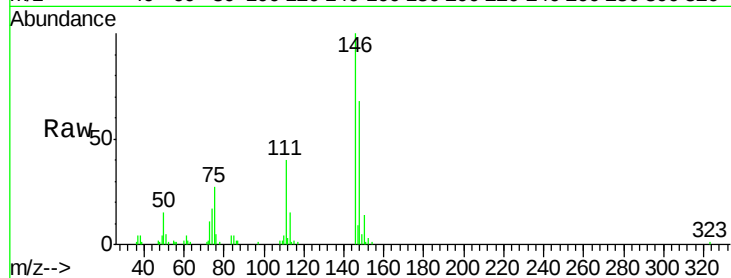
Tot Ion:146 Resp: 62118

Ion Ratio Lower Upper

146 100

148 68.5 53.7 80.5

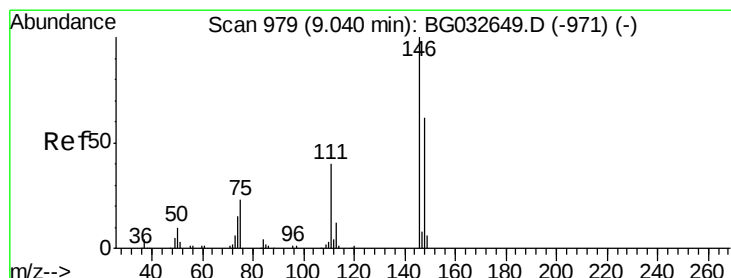
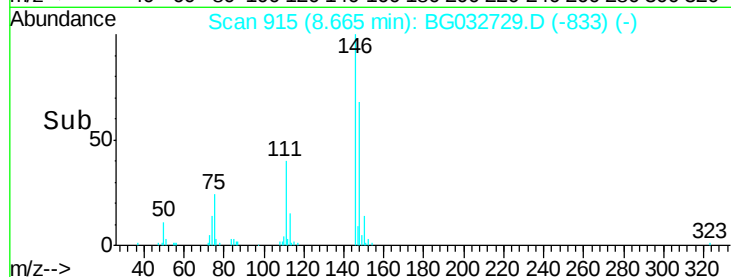
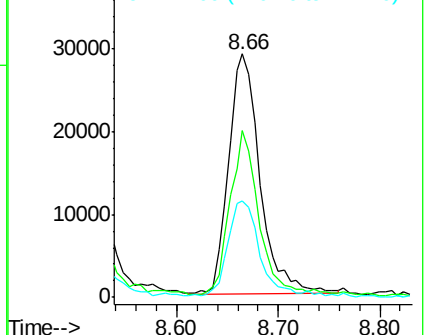
111 39.8 35.2 52.8



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: 37.69 ng

RT: 8.99 min Scan# 971

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

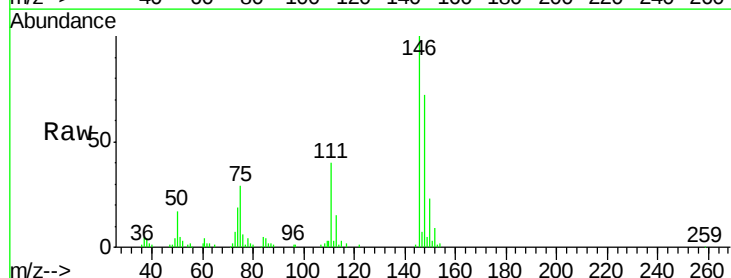
Tgt Ion:146 Resp: 63195

Ion Ratio Lower Upper

146 100

148 71.9 49.3 73.9

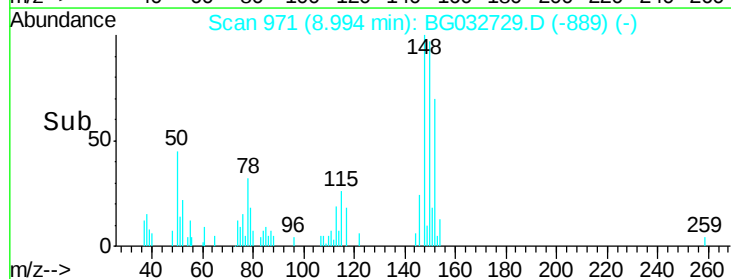
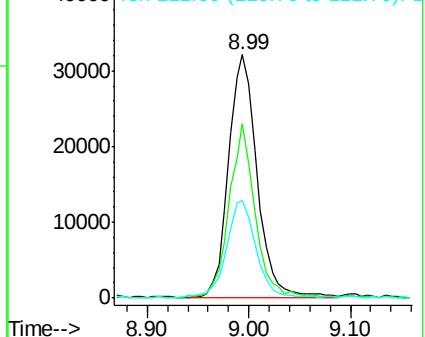
111 40.1 34.3 51.5

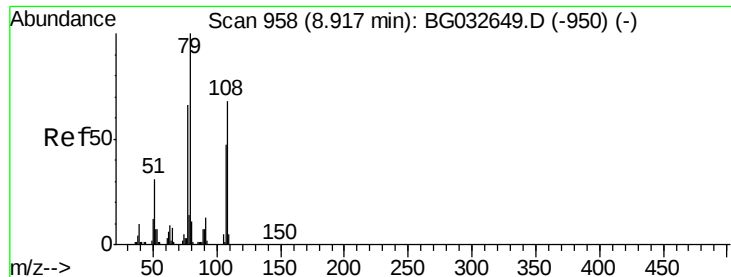


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.07 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

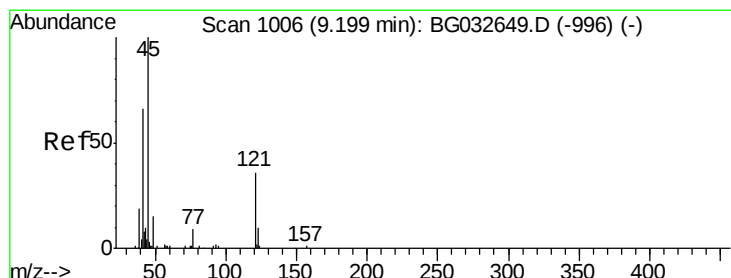
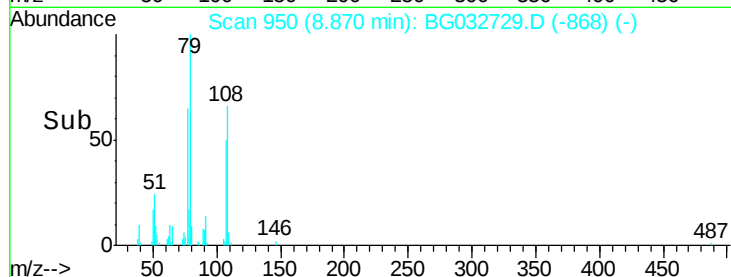
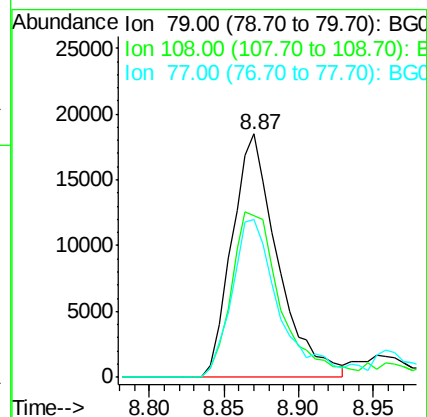
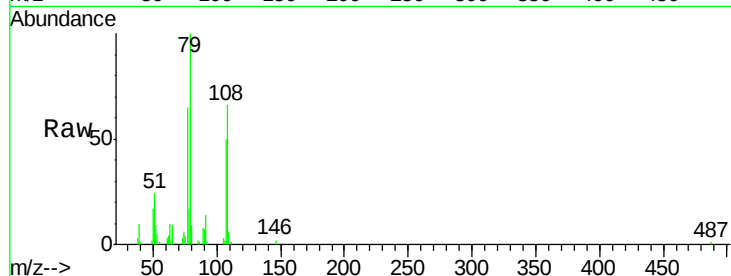
Tot Ion: 79 Resp: 39425

Ion Ratio Lower Upper

79 100

108 66.2 57.2 85.8

77 64.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.18 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

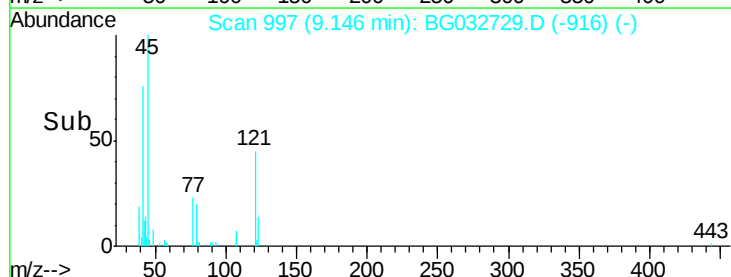
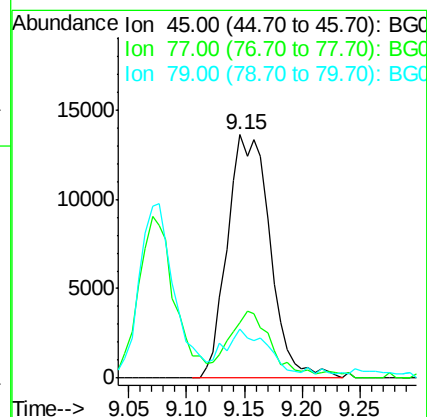
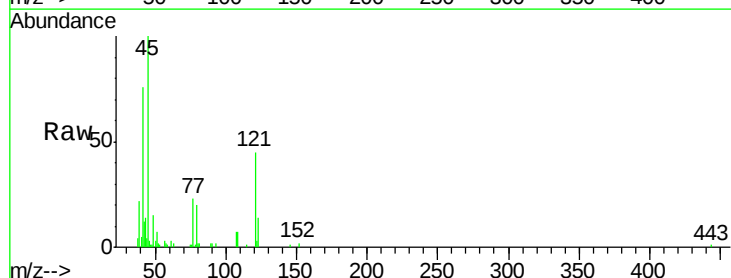
Tgt Ion: 45 Resp: 34749

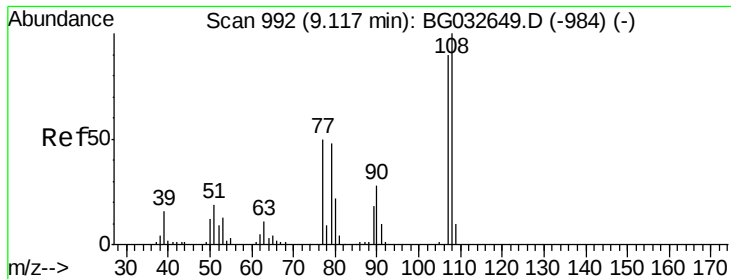
Ion Ratio Lower Upper

45 100

77 22.8 0.0 30.2

79 20.4 0.0 27.9





#17

2-Methylphenol

Concen: 38.56 ng

RT: 9.07 min Scan# 984

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 37688

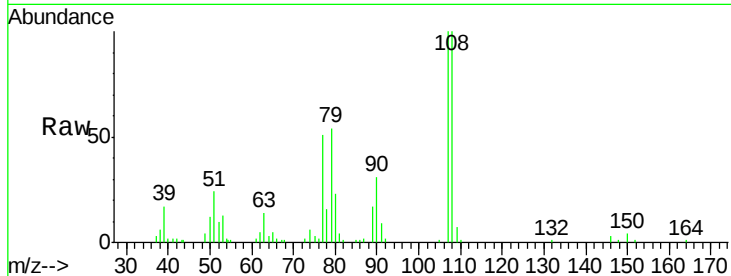
Ion Ratio Lower Upper

107 100

108 99.6 83.9 125.9

77 50.9 37.2 55.8

79 54.4 36.2 54.2#



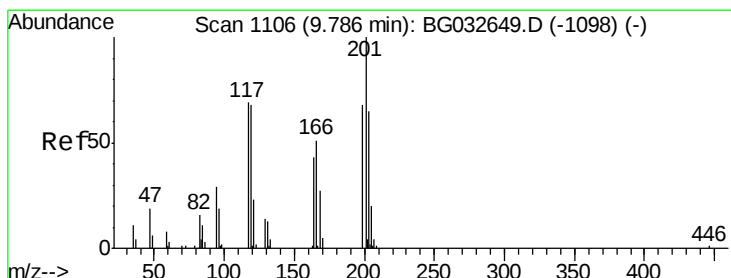
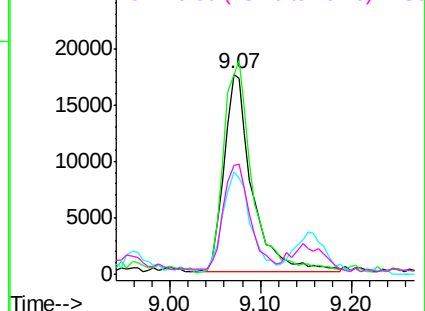
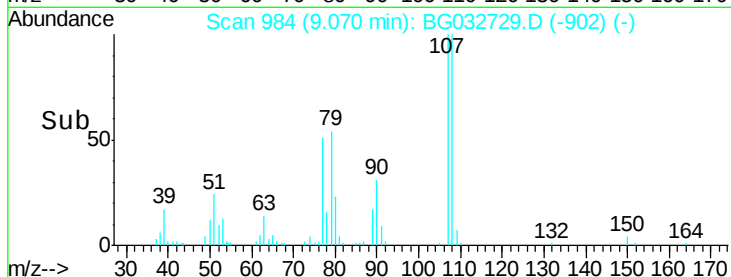
Abundance

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



#18

Hexachloroethane

Concen: 36.21 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

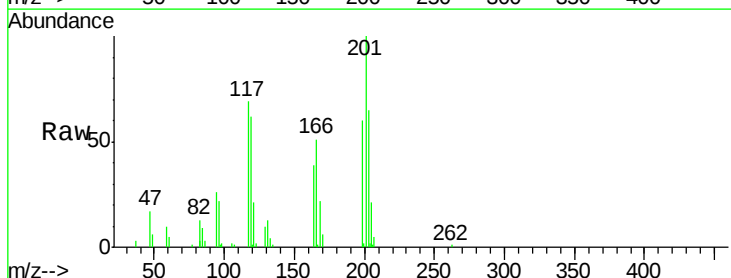
Tgt Ion:117 Resp: 21981

Ion Ratio Lower Upper

117 100

119 90.0 76.7 115.1

201 145.6 95.7 143.5#

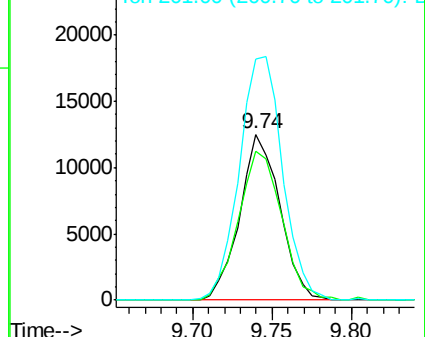
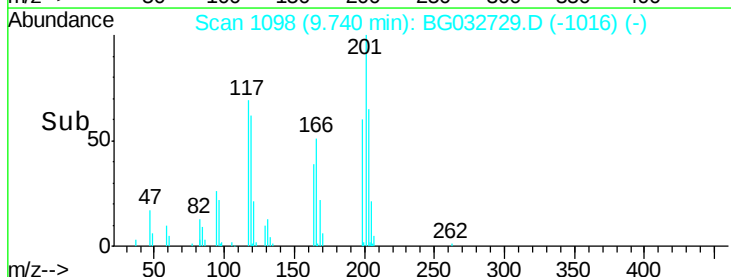


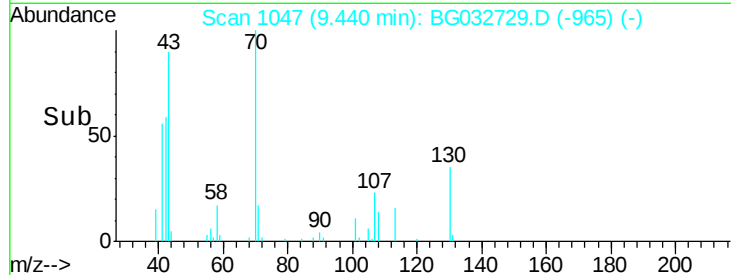
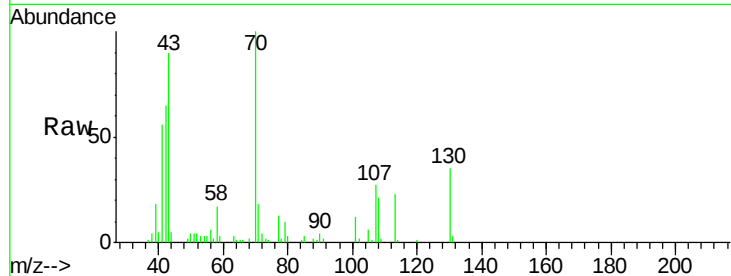
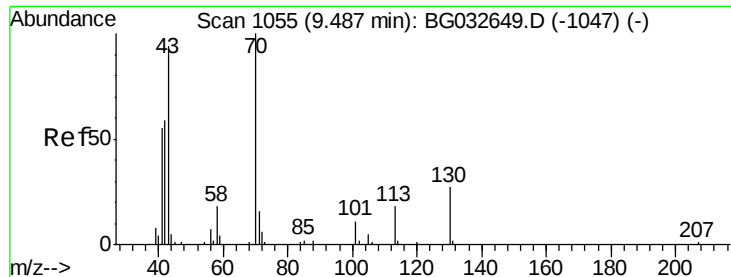
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

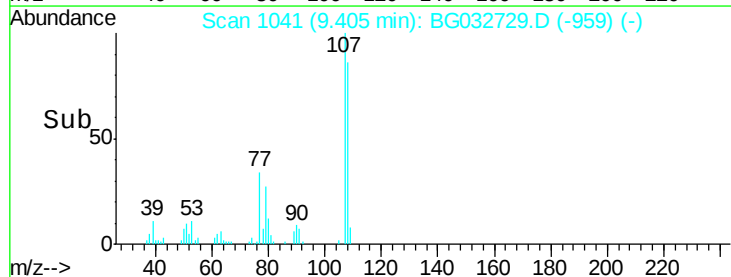
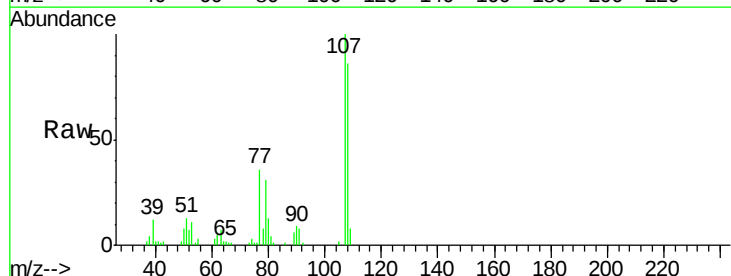
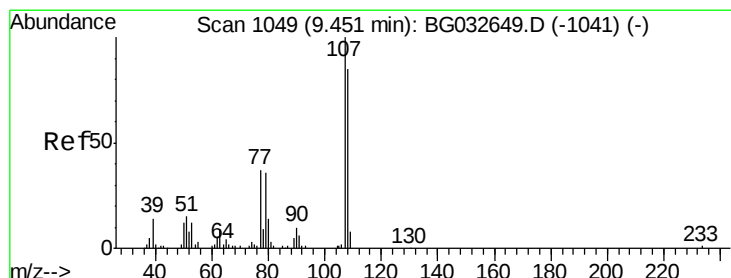
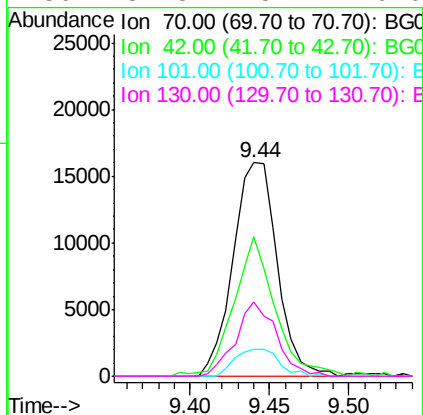




#19
n-Nitroso-di-n-propylamine
Concen: 32.38 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

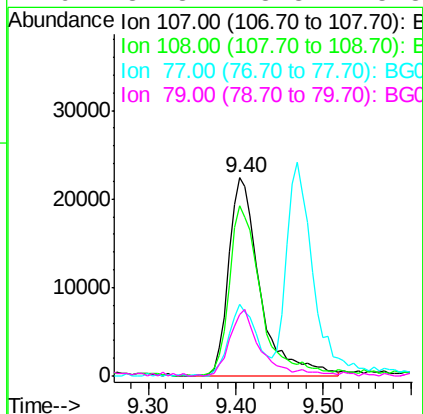
Instrument :
BNA_G
ClientSampleId :

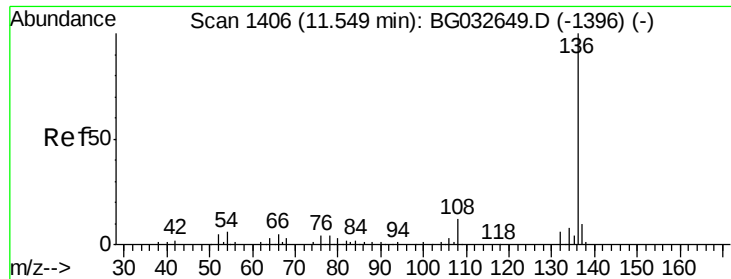
Tot Ion:	70	Resp:	30887
Ion	Ratio	Lower	Upper
70	100		
42	65.4	49.1	73.7
101	12.5	8.5	12.7
130	34.8	13.4	20.0#



#20
3+4-Methylphenols
Concen: 37.20 ng
RT: 9.40 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:	107	Resp:	54954
Ion	Ratio	Lower	Upper
107	100		
108	86.1	61.6	101.6
77	36.2	13.9	53.9
79	31.3	8.8	48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 79621

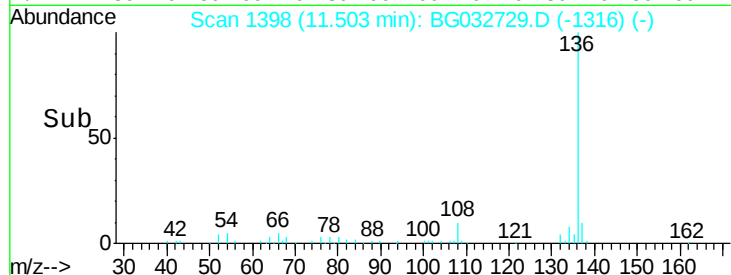
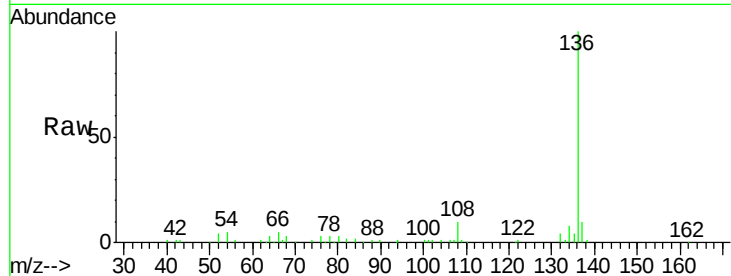
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 4.8 10.3 15.5#

68 2.8 4.5 6.7#

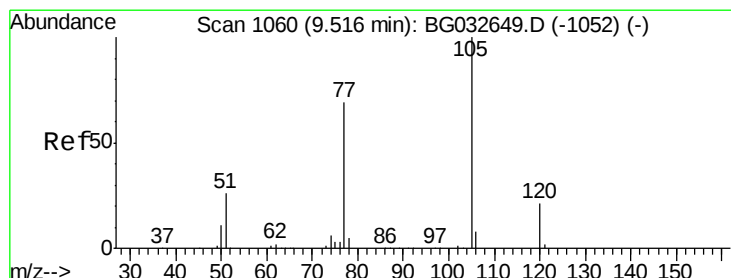
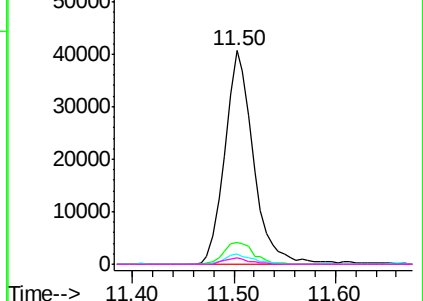


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.68 ng

RT: 9.47 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Tgt Ion:105 Resp: 70572

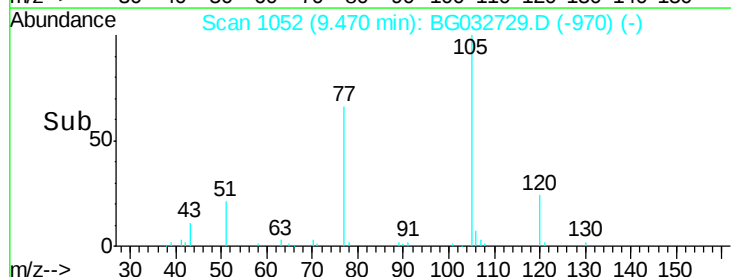
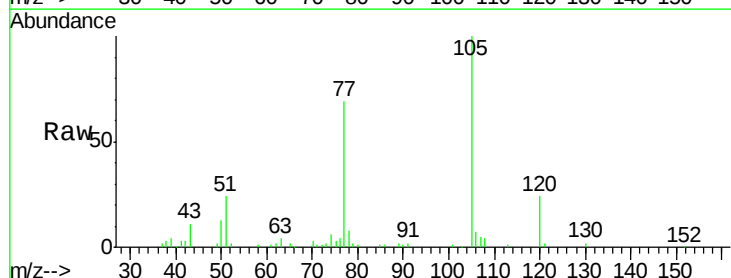
Ion Ratio Lower Upper

105 100

71 1.2 3.0 4.4#

51 24.2 26.1 39.1#

120 24.3 17.4 26.2

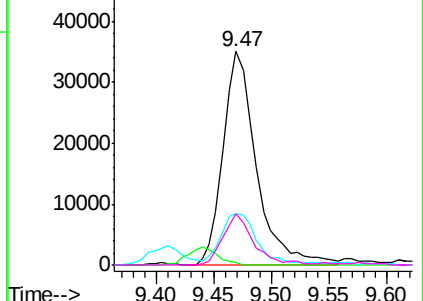


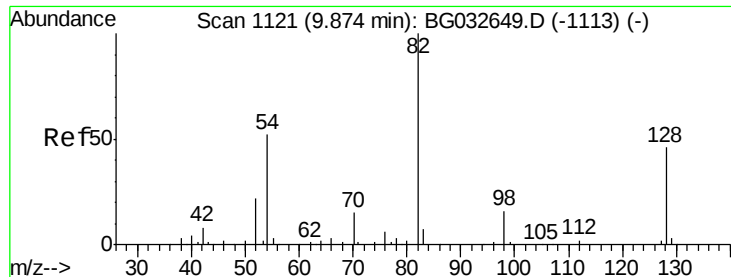
Abundance Ion 105.00 (104.70 to 105.70): E

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

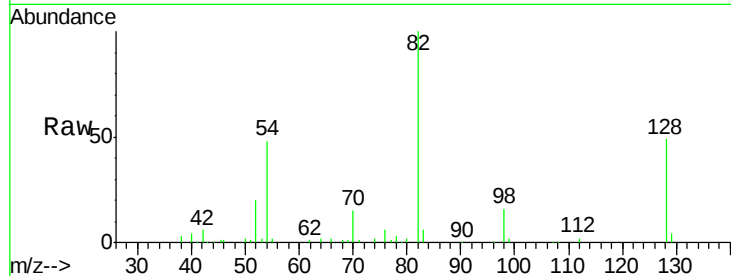




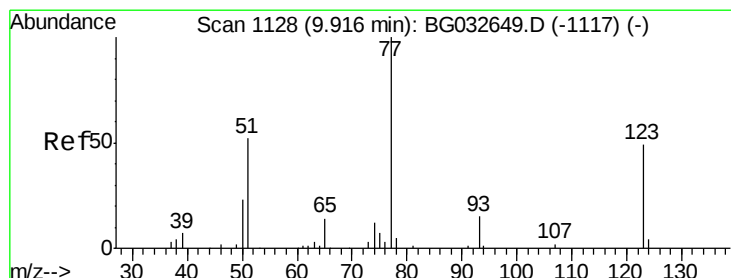
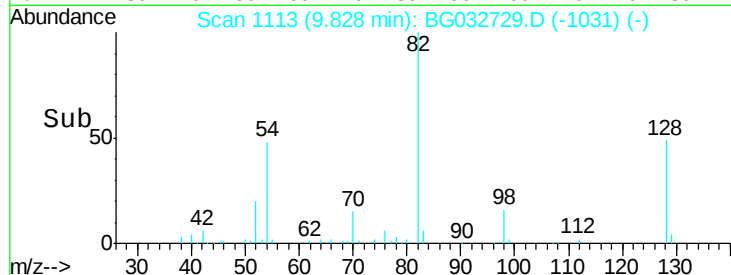
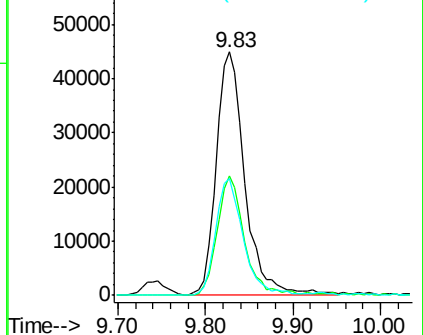
#23
Nitrobenzene-d5
Concen: 81.19 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 101716
Ion Ratio Lower Upper
82 100
128 49.0 29.7 44.5#
54 48.1 43.1 64.7

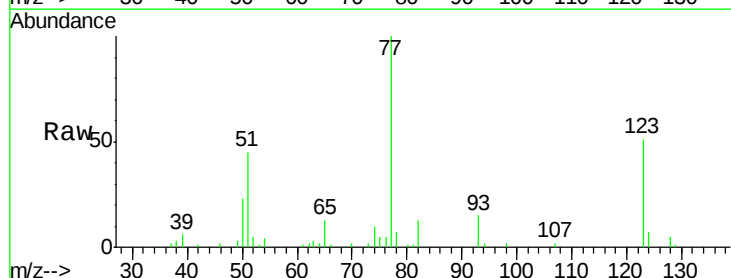


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

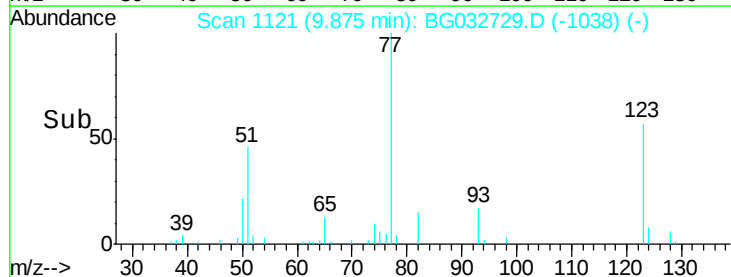
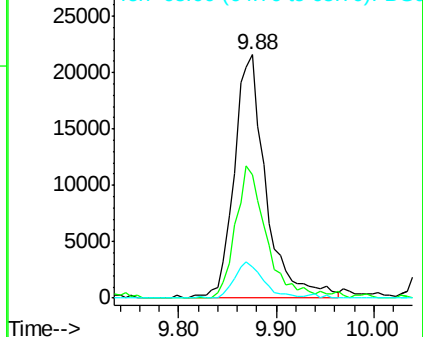


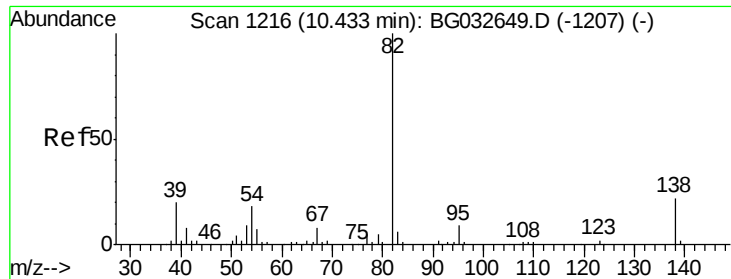
#24
Nitrobenzene
Concen: 37.24 ng
RT: 9.88 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion: 77 Resp: 48853
Ion Ratio Lower Upper
77 100
123 50.8 33.0 49.6#
65 12.6 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

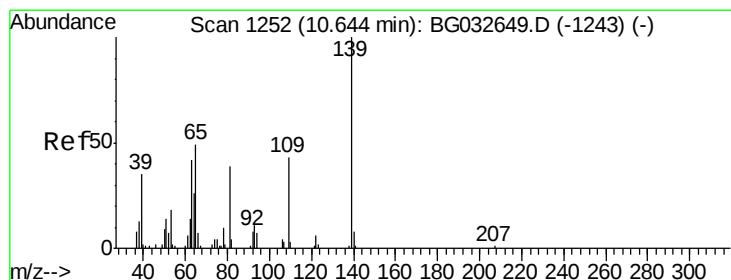
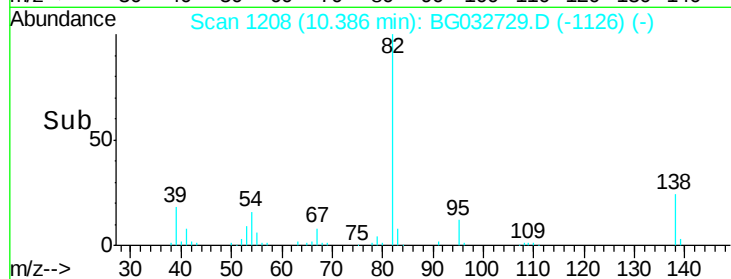
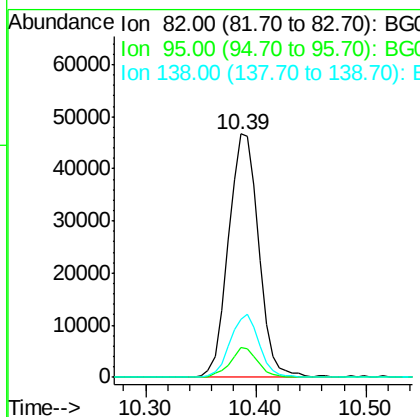
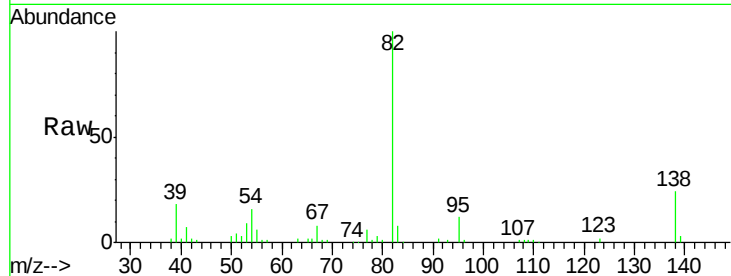




#25
Isophorone
Concen: 37.62 ng
RT: 10.39 min Scan# 1208
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

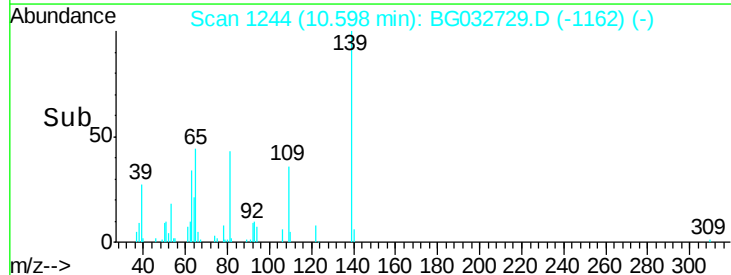
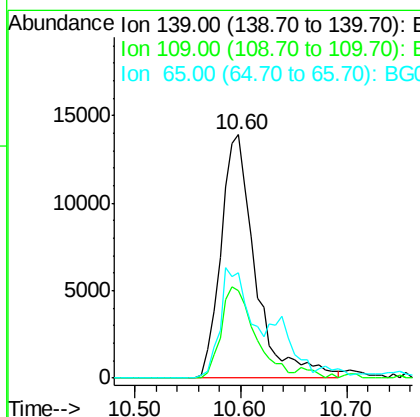
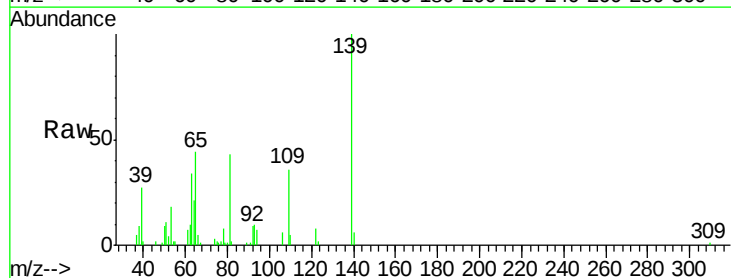
Instrument :
BNA_G
ClientSampleId :

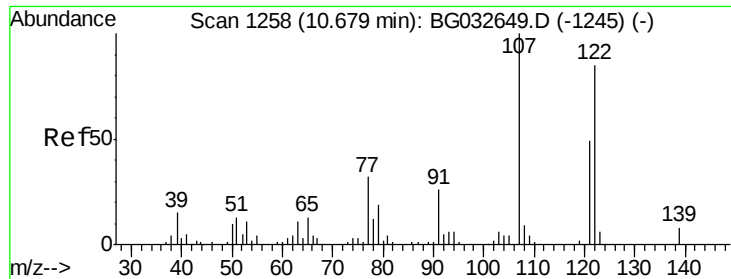
Tot Ion: 82 Resp: 89856
Ion Ratio Lower Upper
82 100
95 12.2 6.2 9.2#
138 23.9 12.1 18.1#



#26
2-Nitrophenol
Concen: 44.75 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion: 139 Resp: 31397
Ion Ratio Lower Upper
139 100
109 36.0 24.2 36.2
65 43.5 47.4 71.0#

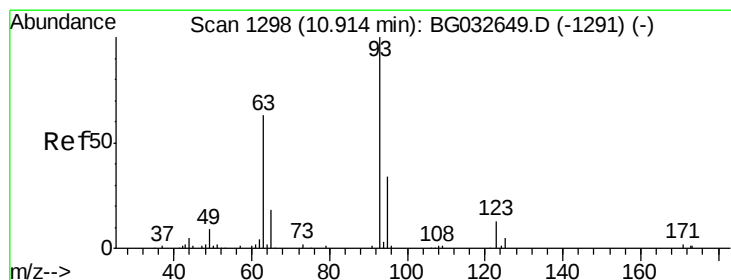
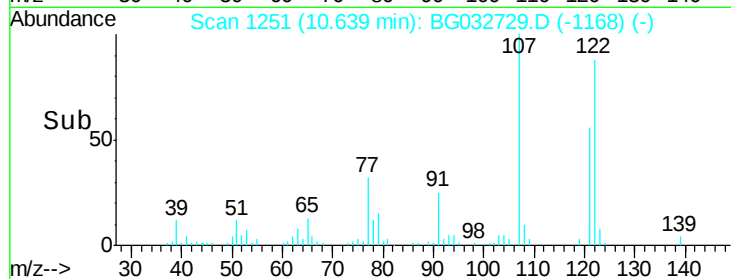
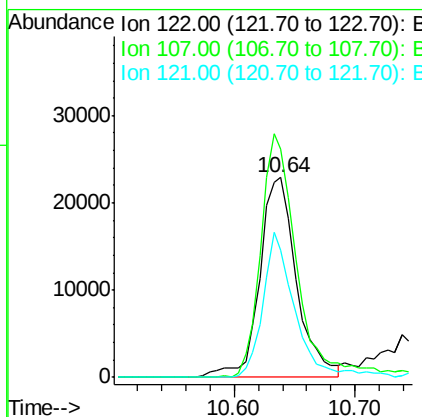
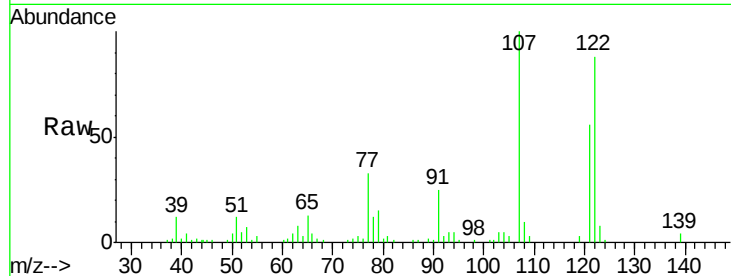




#27
2,4-Dimethylphenol
Concen: 52.33 ng
RT: 10.64 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

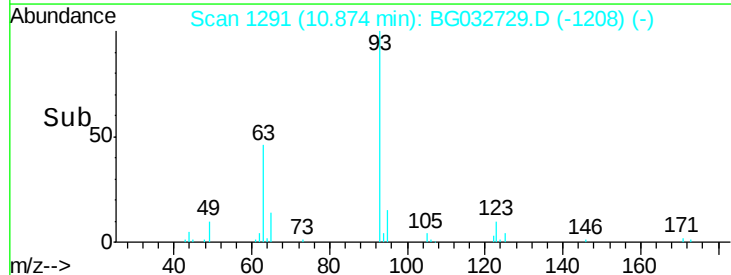
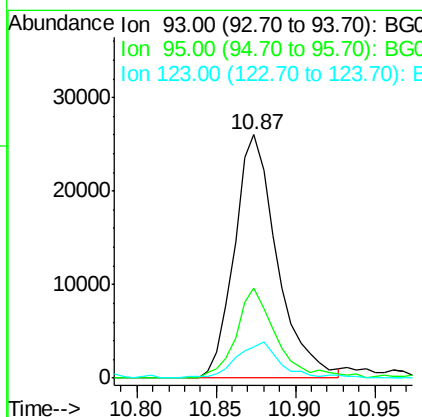
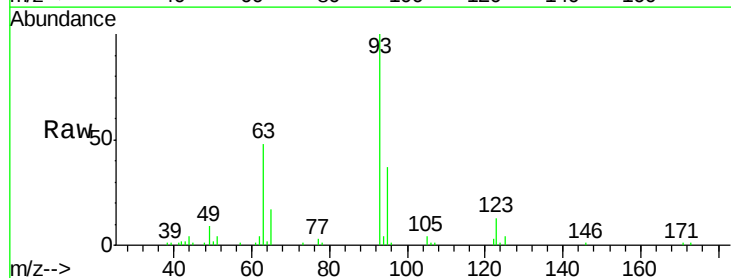
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 48230
Ion Ratio Lower Upper
122 100
107 114.3 100.2 150.2
121 63.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.97 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion: 93 Resp: 48800
Ion Ratio Lower Upper
93 100
95 37.1 24.3 36.5#
123 12.7 8.4 12.6#

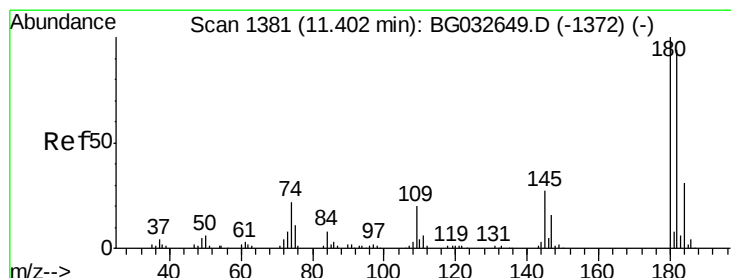
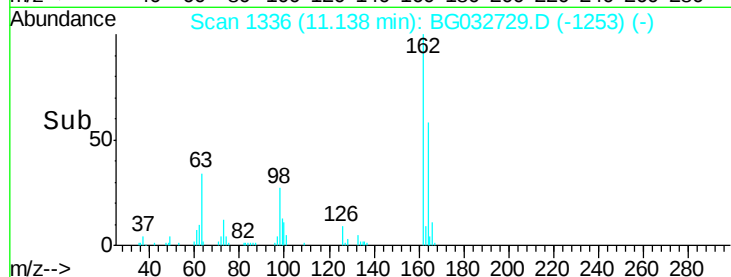
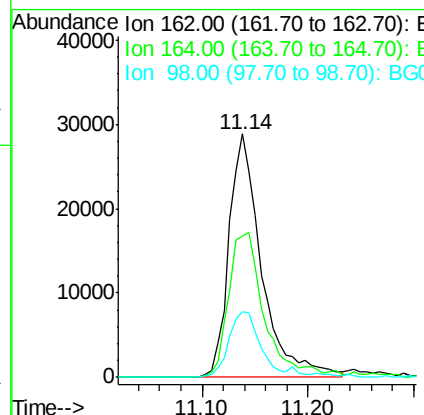
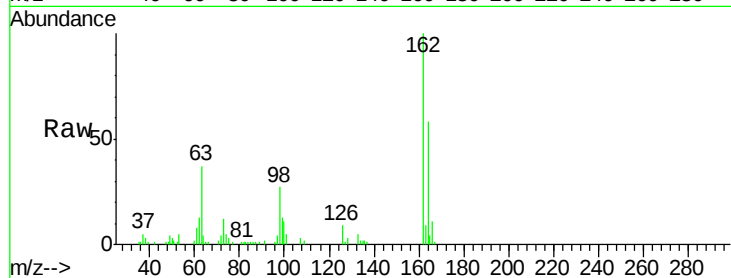




#29
2,4-Dichlorophenol
Concen: 45.61 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

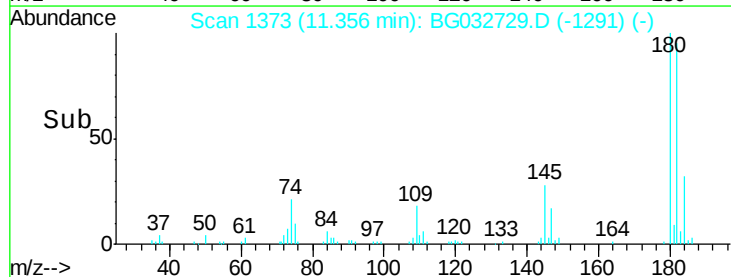
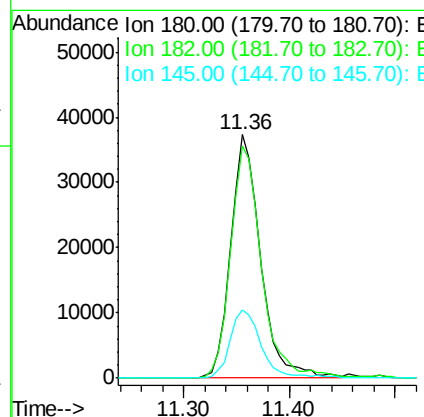
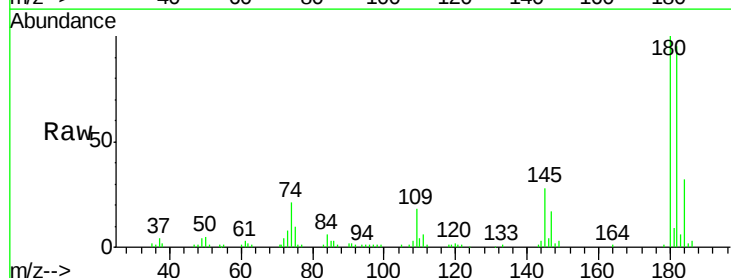
Instrument :
BNA_G
ClientSampleId :

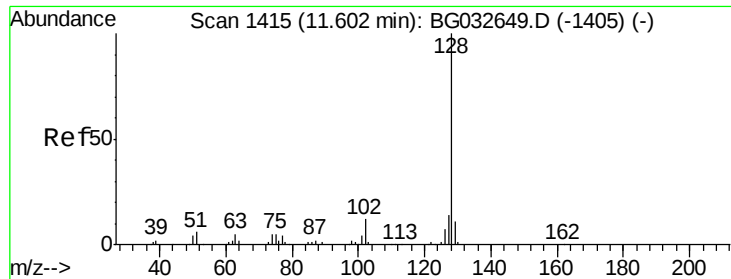
Tot Ion	Ratio	Lower	Upper
162	100		
164	57.8	48.0	88.0
98	26.8	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 38.53 ng
RT: 11.36 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	27.8	23.4	35.2

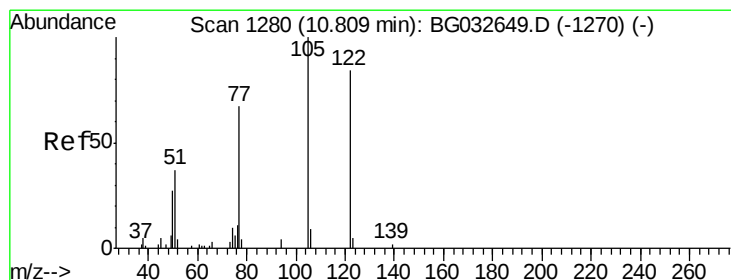
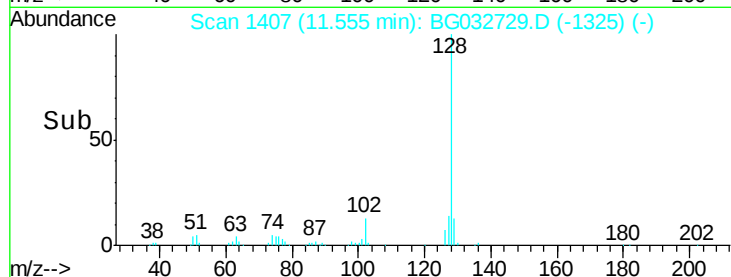
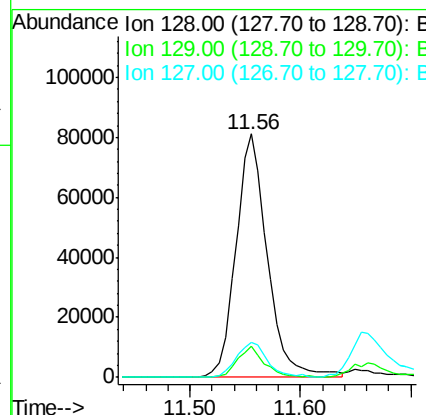
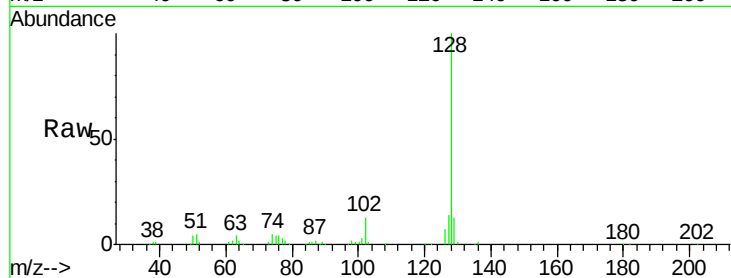




#31
Naphthalene
Concen: 41.88 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

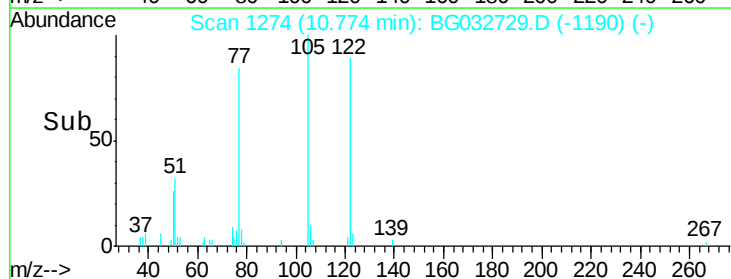
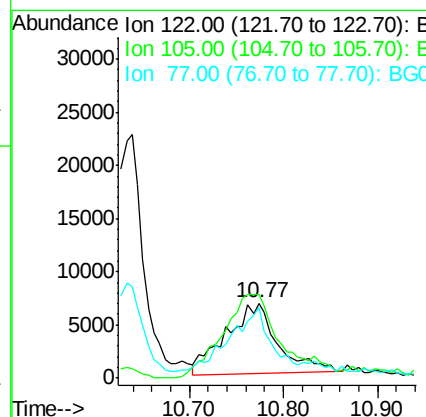
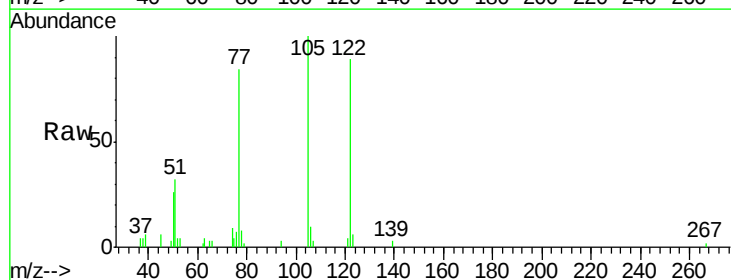
Instrument :
BNA_G
ClientSampleId :

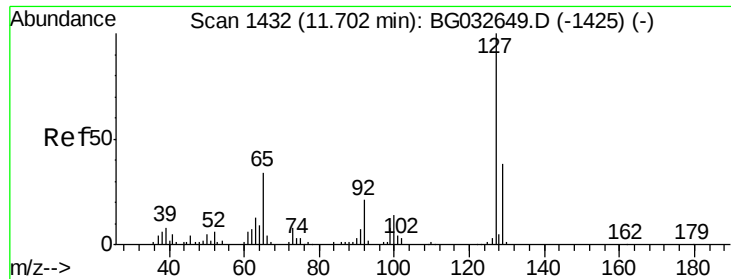
Tot Ion:128 Resp: 161926
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 35.26 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:122 Resp: 25094
Ion Ratio Lower Upper
122 100
105 112.0 123.5 163.5#
77 94.5 85.7 125.7

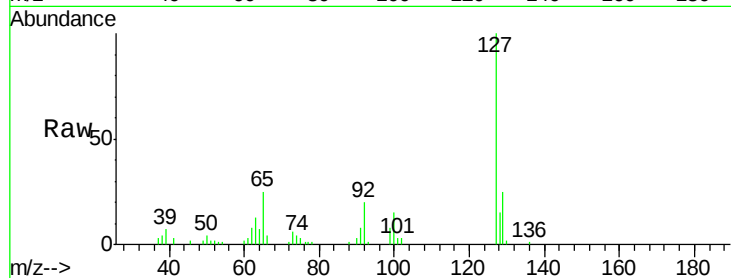




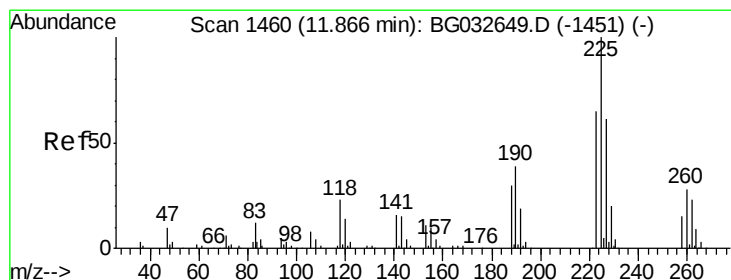
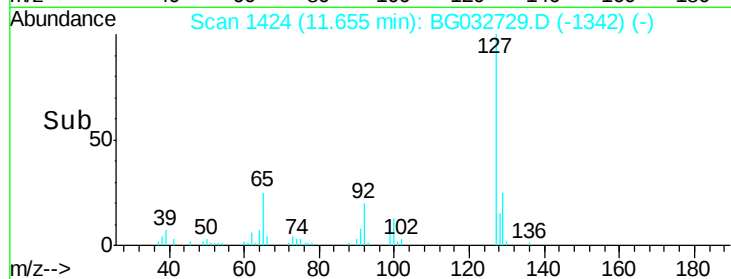
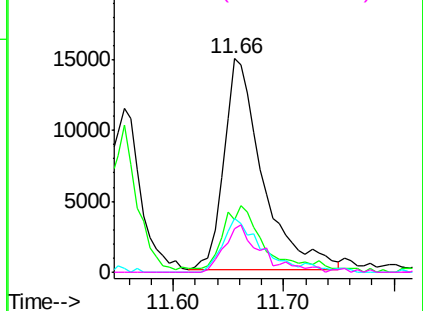
#33
4-Chloroaniline
Concen: 23.95 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	36744
Ion	Ratio	Lower	Upper
127	100		
129	24.8	24.0	36.0
65	25.4	27.0	40.4#
92	20.2	16.6	25.0

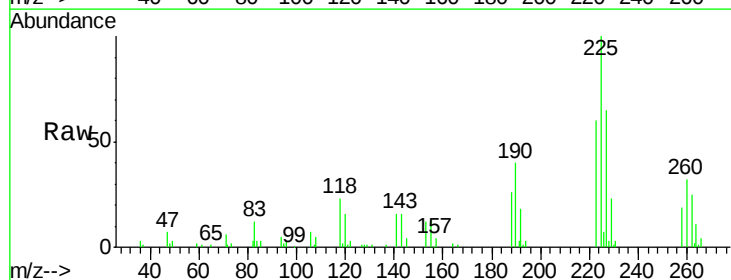


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

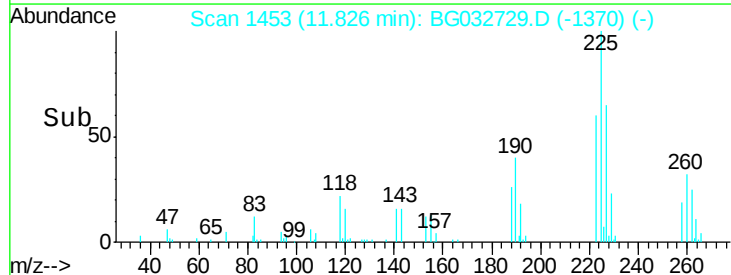
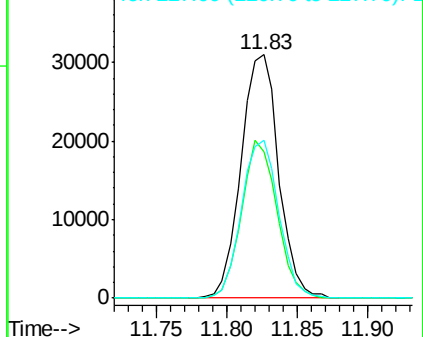


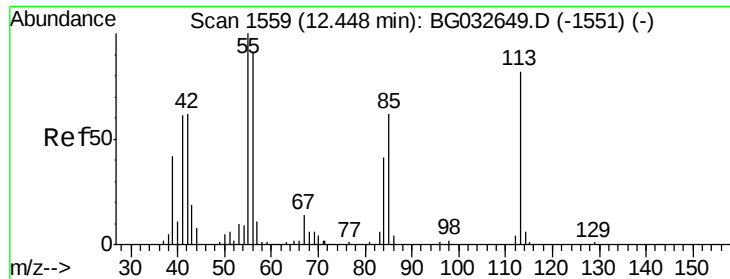
#34
Hexachlorobutadiene
Concen: 37.27 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:	225	Resp:	57773
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.7	74.5
227	64.8	48.1	72.1



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: 45.79 ng

RT: 12.42 min Scan# 1554

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

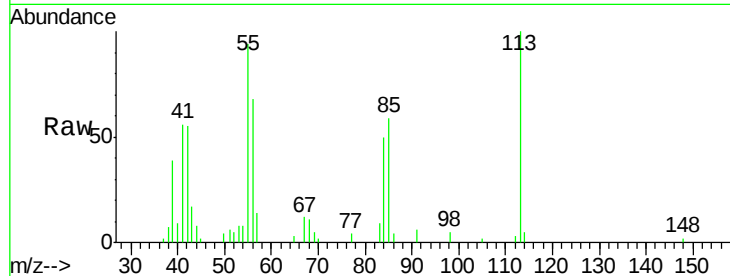
Tot Ion:113 Resp: 17543

Ion Ratio Lower Upper

113 100

55 93.9 186.9 226.9#

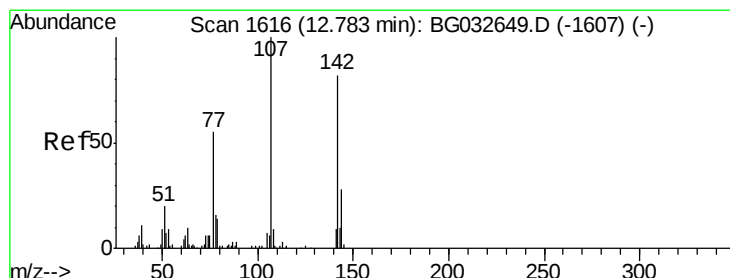
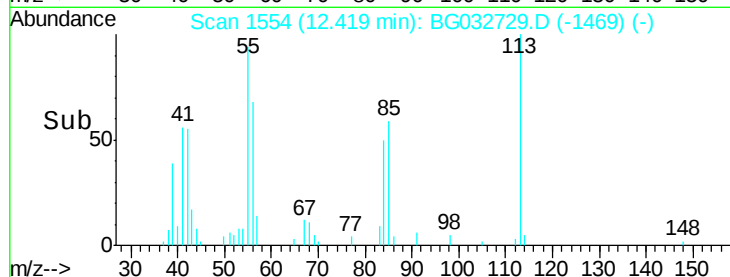
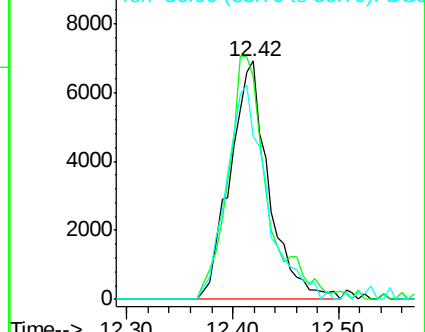
56 68.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.01 ng

RT: 12.74 min Scan# 1609

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

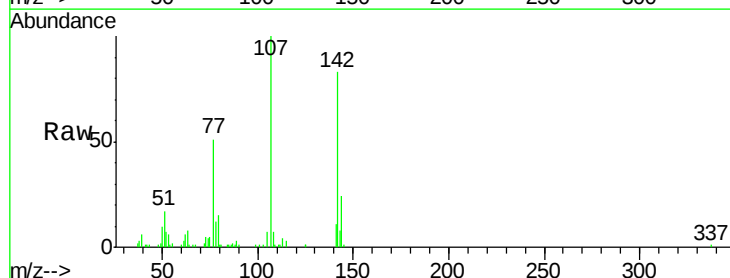
Tgt Ion:107 Resp: 57039

Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.4

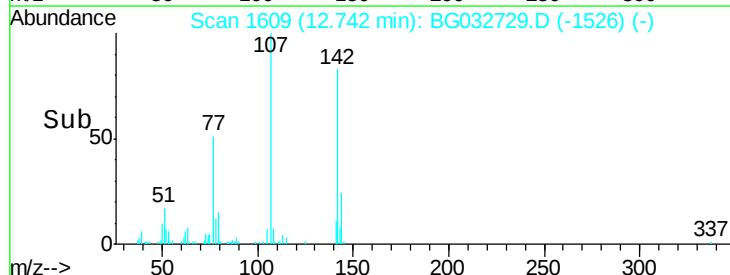
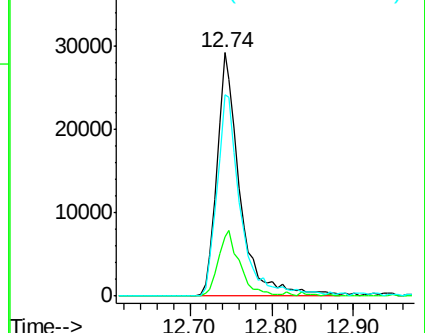
142 82.6 59.0 88.4

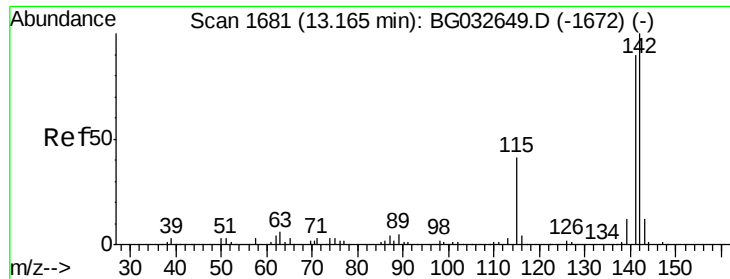


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

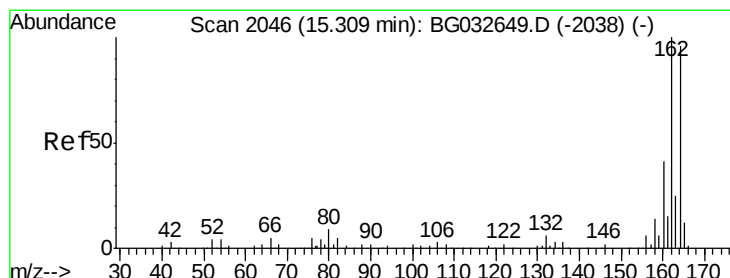
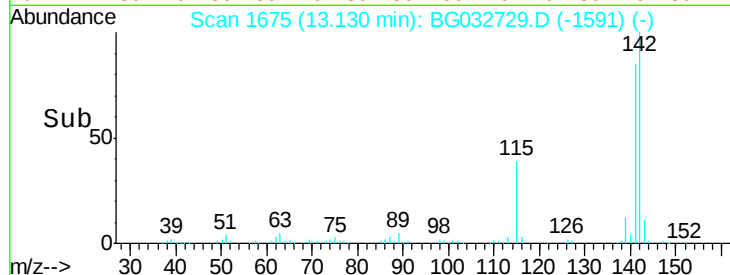
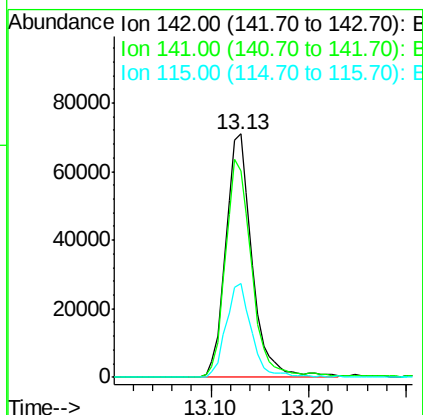
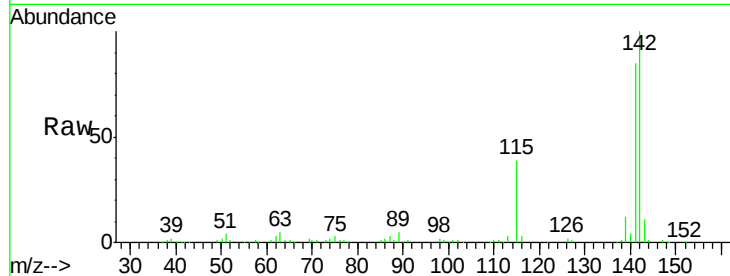




#37
2-Methylnaphthalene
Concen: 42.46 ng
RT: 13.13 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

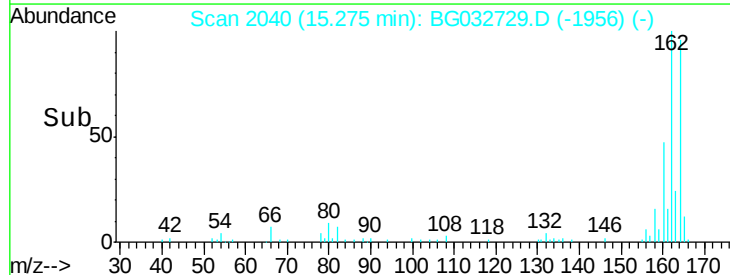
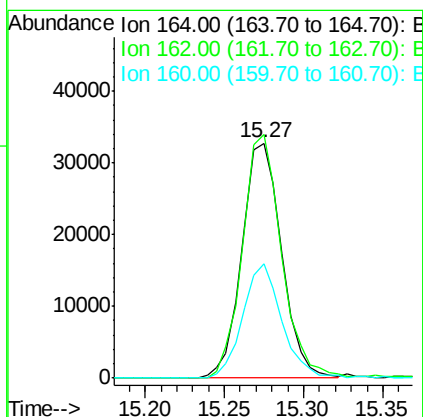
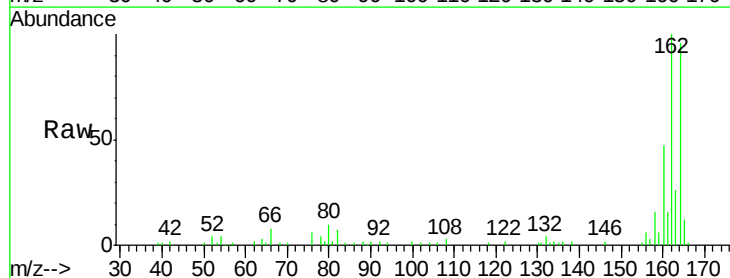
Instrument :
BNA_G
ClientSampleId :

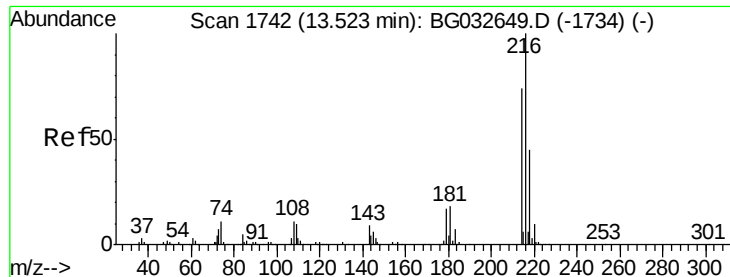
Tot Ion:142 Resp: 133148
Ion Ratio Lower Upper
142 100
141 84.8 67.1 100.7
115 38.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:164 Resp: 56985
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 48.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.15 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 99983

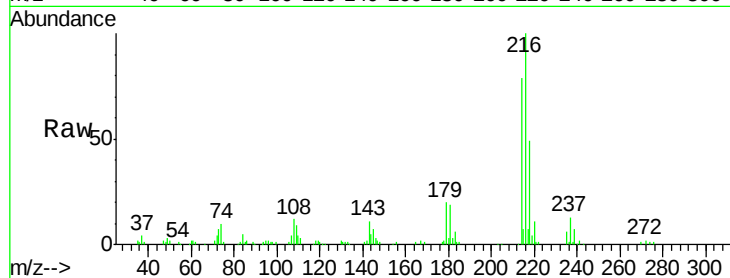
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 20.3 17.0 25.6

108 13.5 12.8 19.2

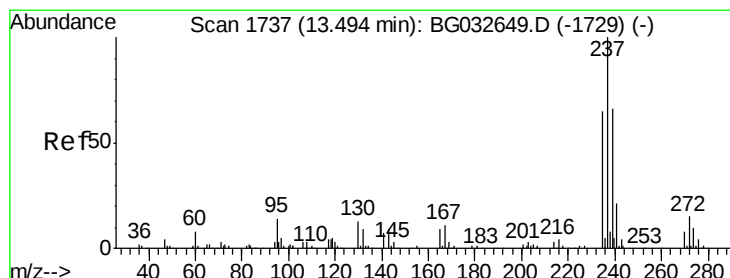
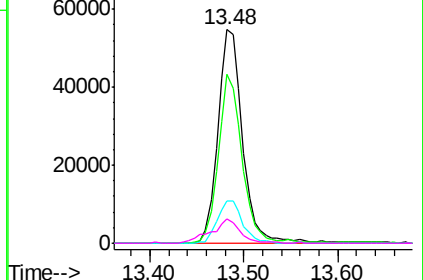
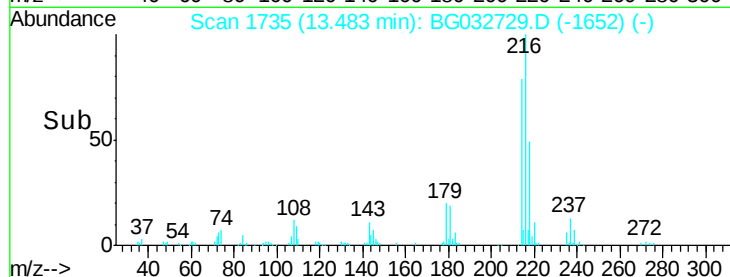


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.48 ng

RT: 13.46 min Scan# 1731

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

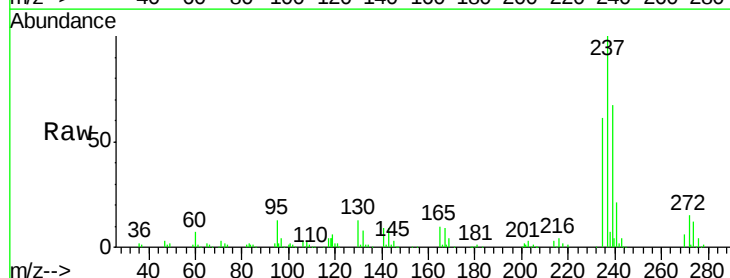
Tgt Ion:237 Resp: 143889

Ion Ratio Lower Upper

237 100

235 61.1 50.4 90.4

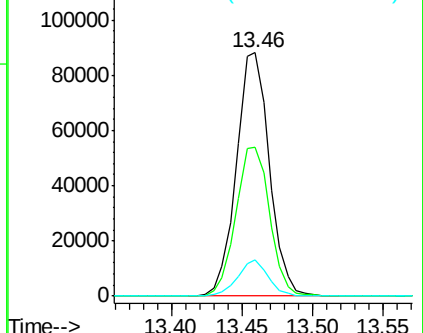
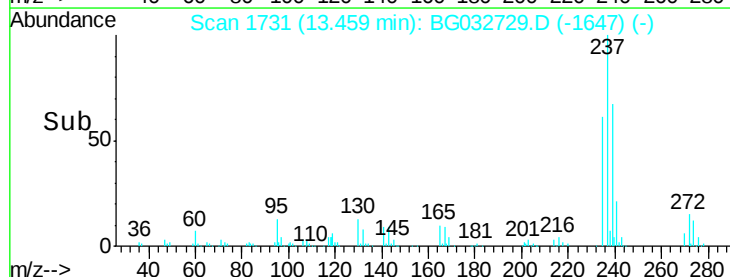
272 15.0 0.0 31.8

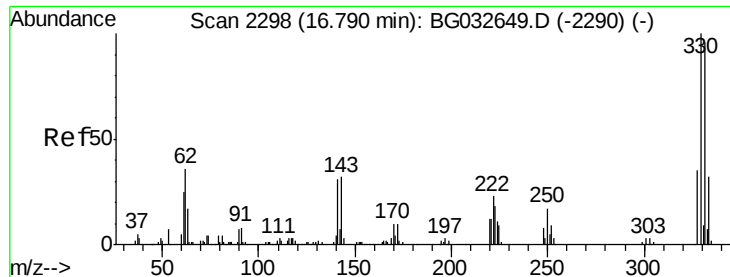


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

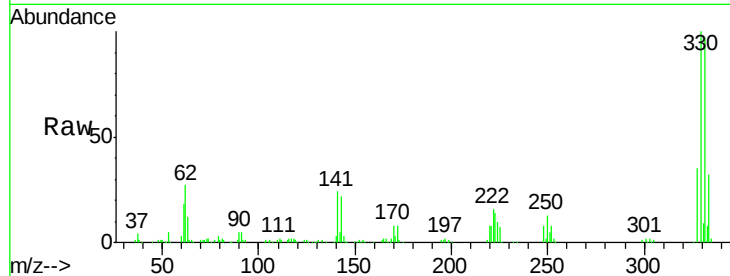




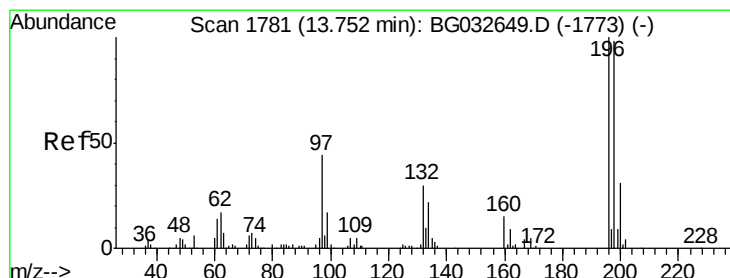
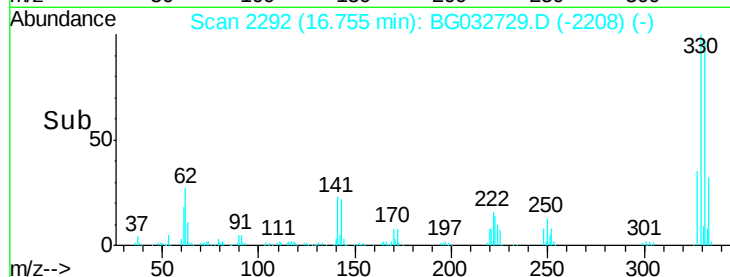
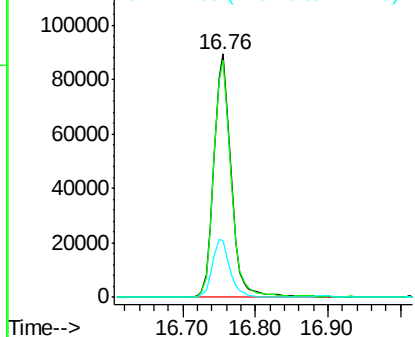
#41
 2,4,6-Tribromophenol
 Concen: 170.57 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 149664
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 24.1 25.2 37.8#

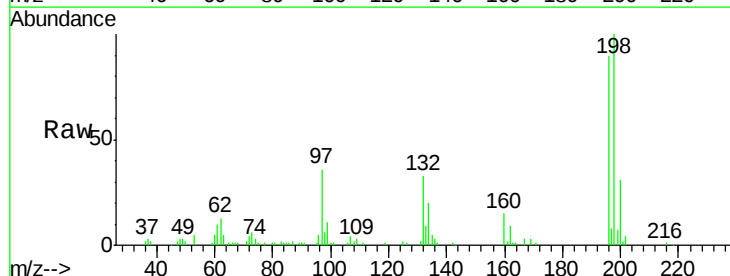


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

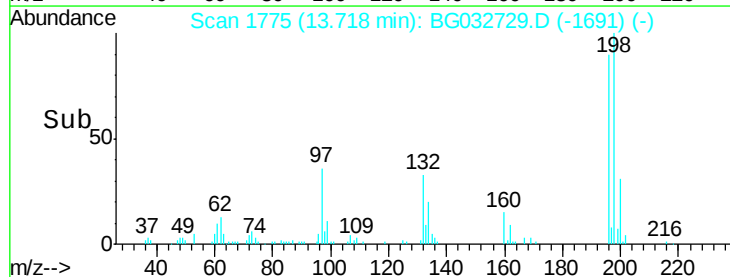
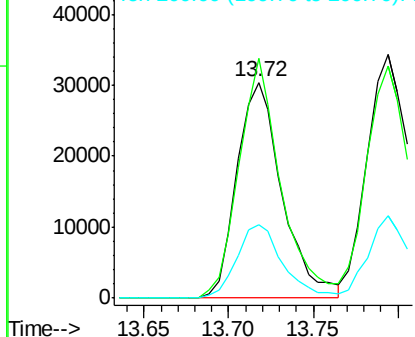


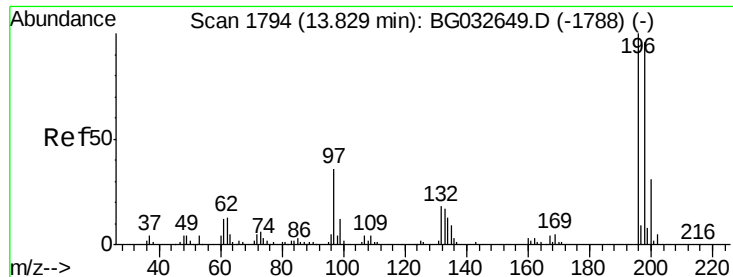
#42
 2,4,6-Trichlorophenol
 Concen: 42.07 ng
 RT: 13.72 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion:196 Resp: 56520
 Ion Ratio Lower Upper
 196 100
 198 110.8 78.2 117.2
 200 34.1 24.6 36.8



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

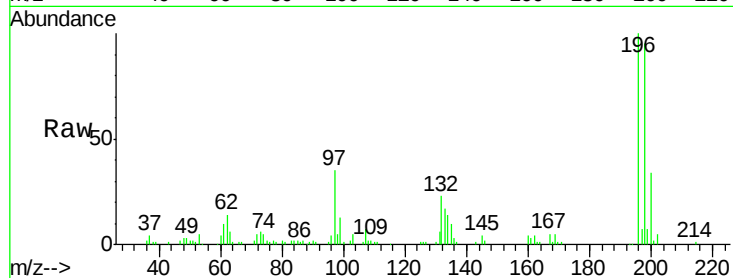




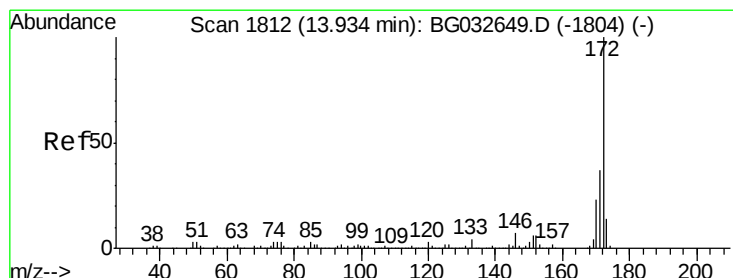
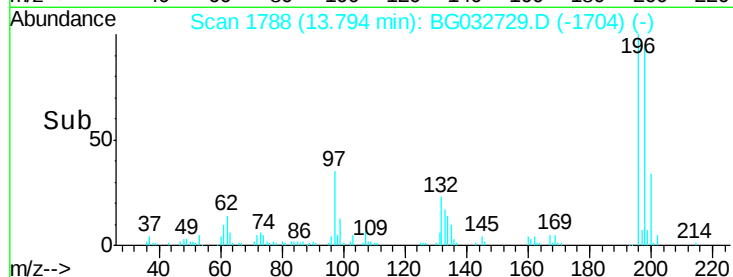
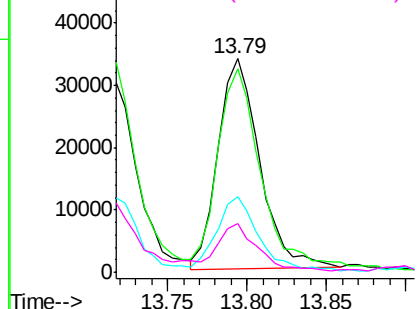
#43
 2,4,5-Trichlorophenol
 Concen: 36.63 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196	Resp:	61328
Ion Ratio	Lower	Upper
196	100	
198	95.3	76.2 114.4
97	35.5	38.7 58.1#
132	22.7	20.2 30.2

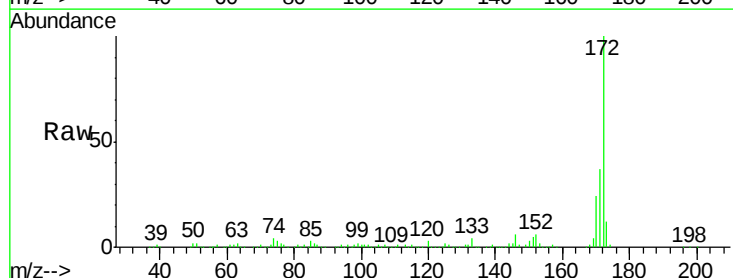


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

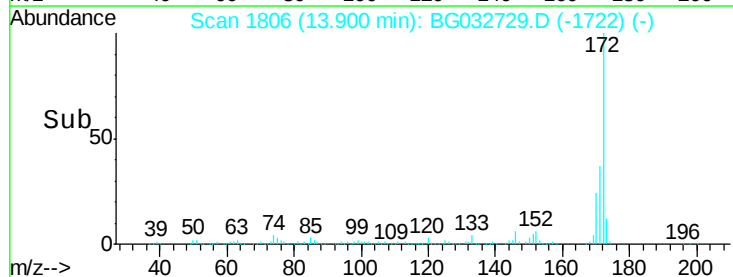
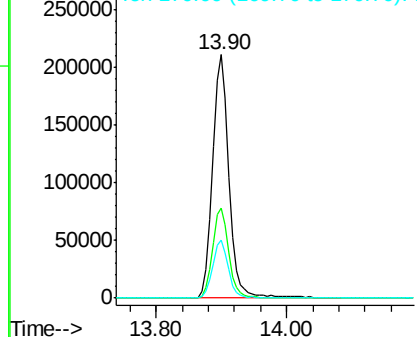


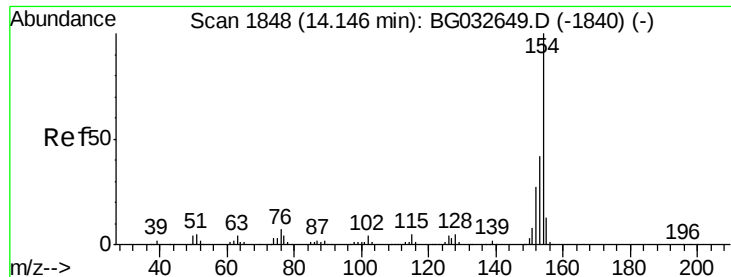
#44
 2-Fluorobiphenyl
 Concen: 80.63 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion:172	Resp:	367401
Ion Ratio	Lower	Upper
172	100	
171	37.1	30.0 45.0
170	23.6	19.5 29.3



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

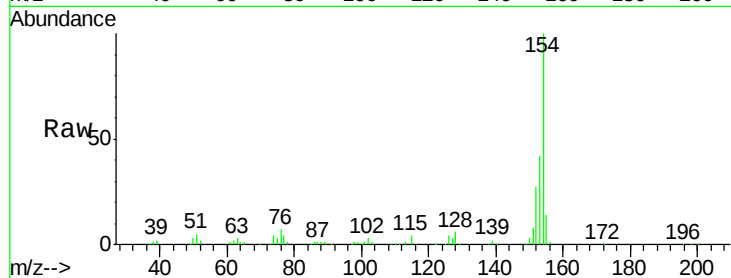




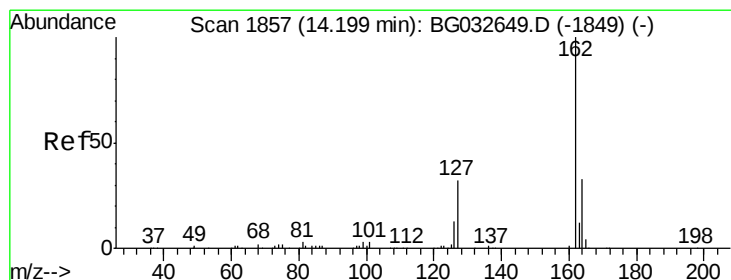
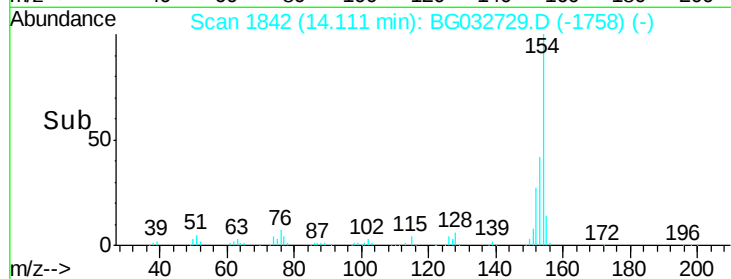
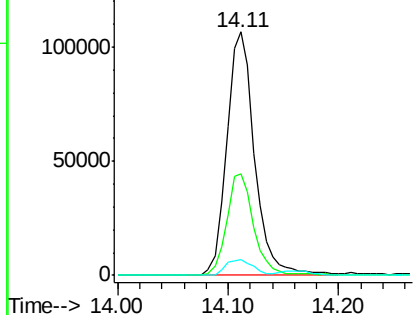
#45
 1,1'-Biphenyl
 Concen: 40.24 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	6.5	0.0	31.9

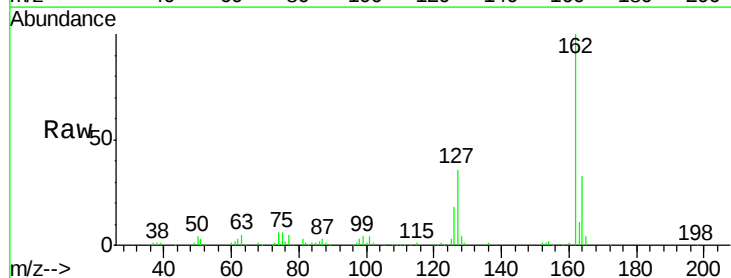


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

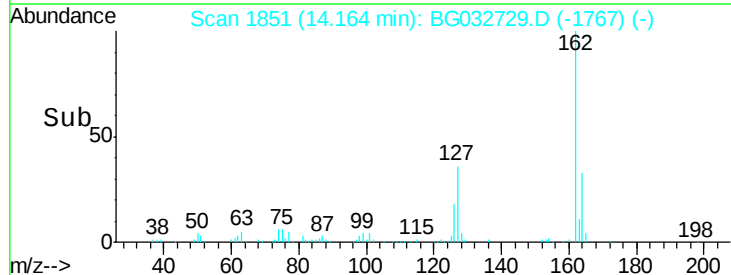
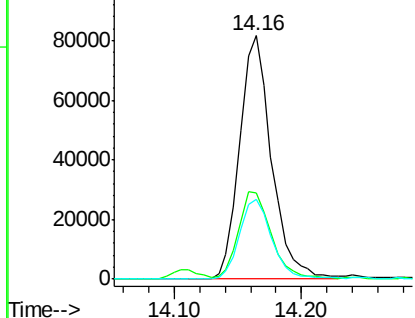


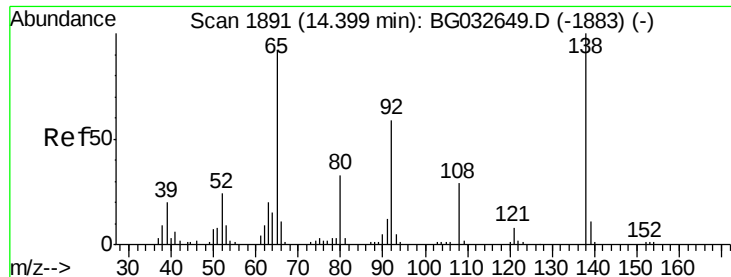
#46
 2-Chloronaphthalene
 Concen: 38.54 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.7	46.1
164	32.8	26.0	39.0



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





#47

2-Nitroaniline

Concen: 38.70 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

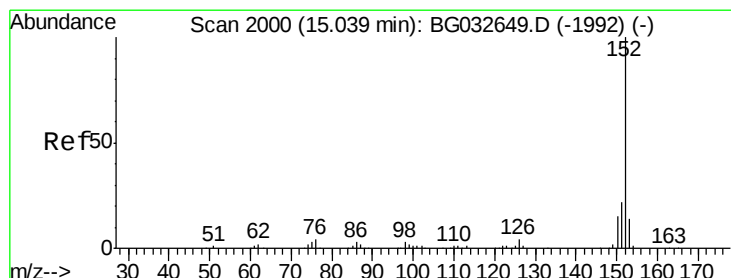
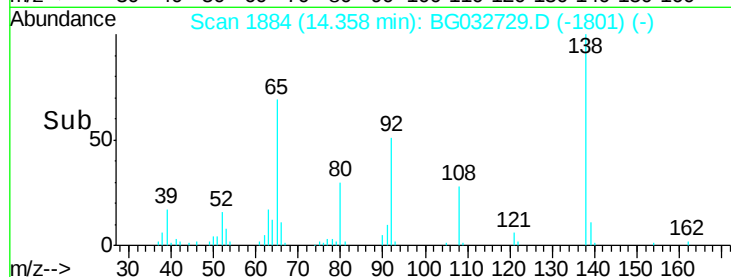
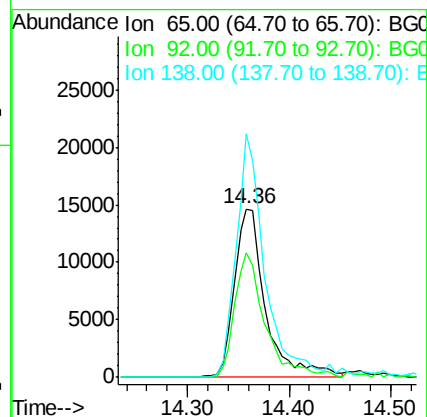
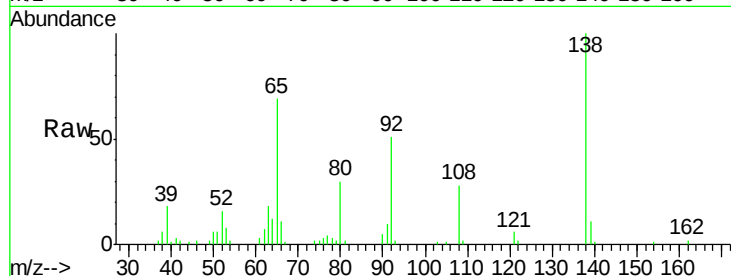
Tot Ion: 65 Resp: 31237

Ion Ratio Lower Upper

65 100

92 74.2 54.6 82.0

138 144.9 72.9 109.3#



#48

Acenaphthylene

Concen: 40.45 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

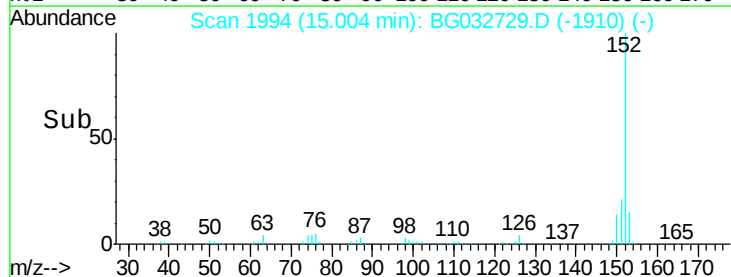
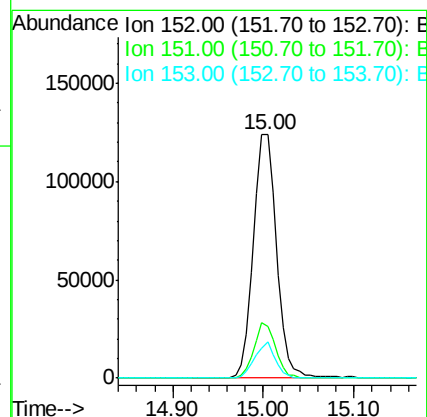
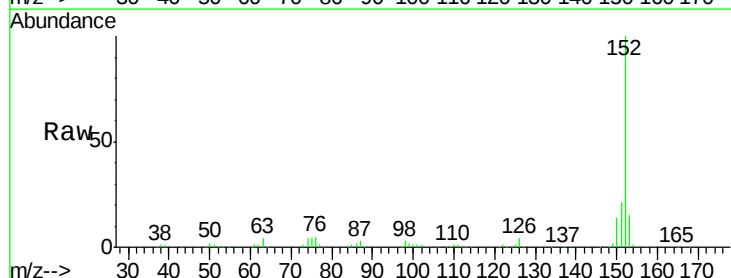
Tgt Ion: 152 Resp: 220784

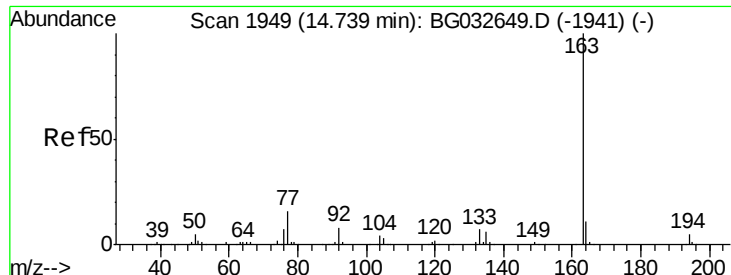
Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 14.8 10.2 15.4

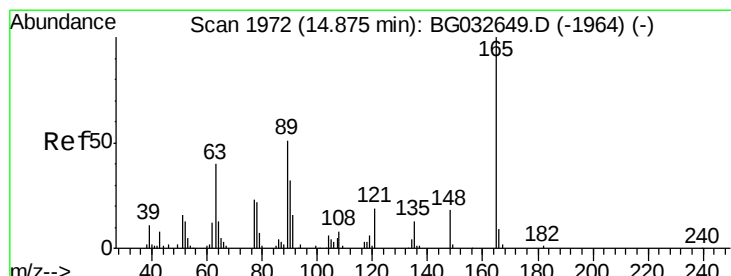
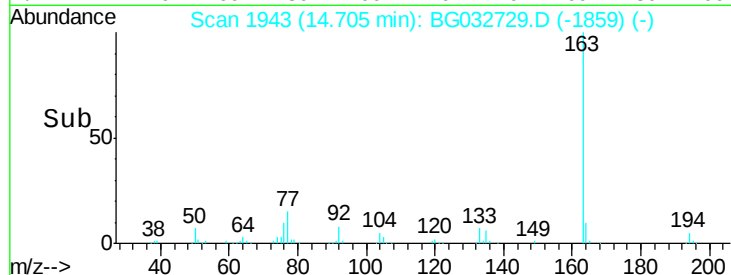
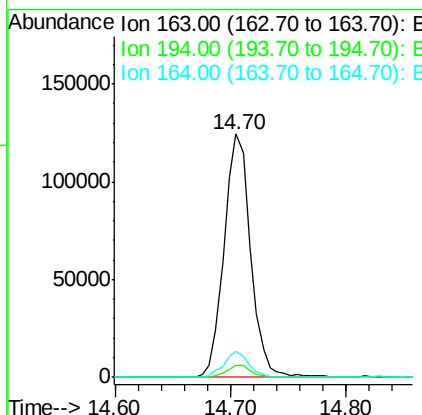
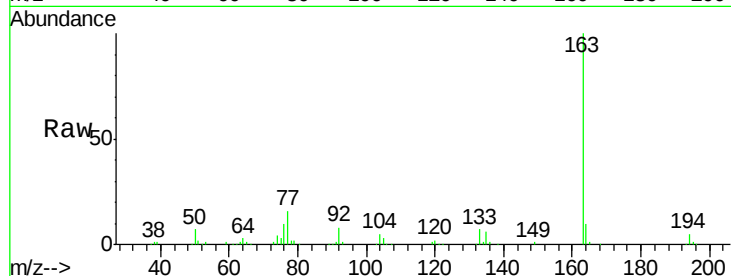




#49
Dimethylphthalate
Concen: 40.17 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

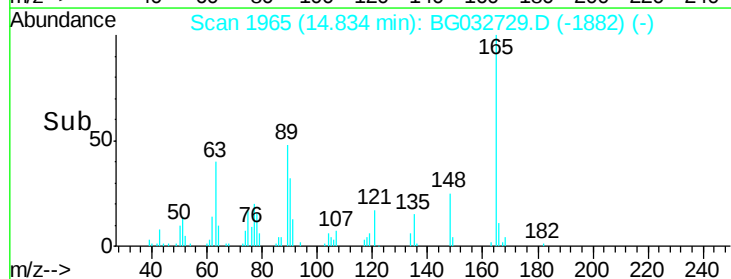
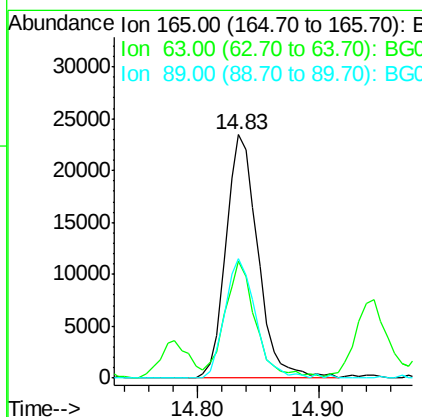
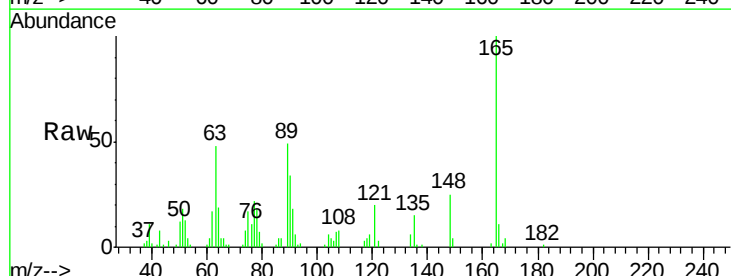
Instrument :
BNA_G
ClientSampleId :

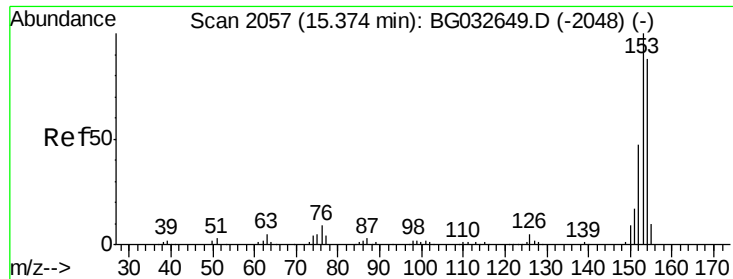
Tot Ion:163 Resp: 197888
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 42.44 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:165 Resp: 43057
Ion Ratio Lower Upper
165 100
63 48.0 52.7 79.1#
89 49.0 49.2 73.8#





#51

Acenaphthene

Concen: 47.49 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

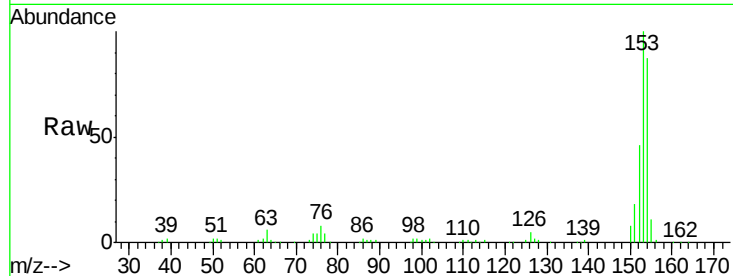
Tot Ion:154 Resp: 177037

Ion Ratio Lower Upper

154 100

153 115.6 90.4 135.6

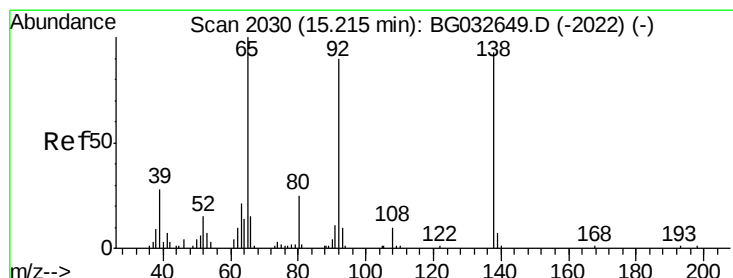
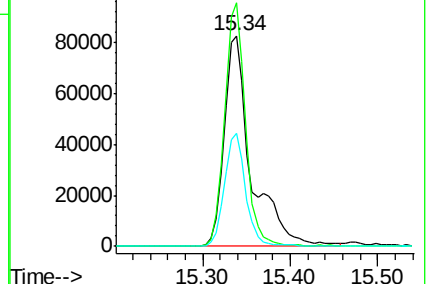
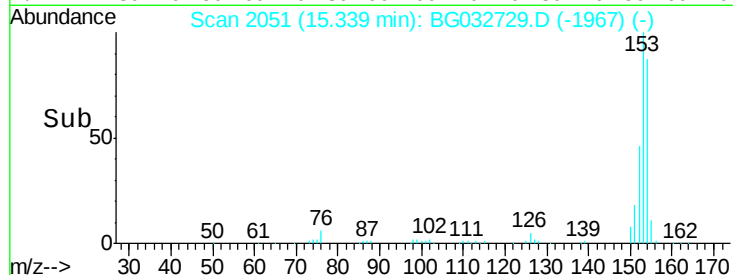
152 53.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.39 ng

RT: 15.17 min Scan# 2023

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

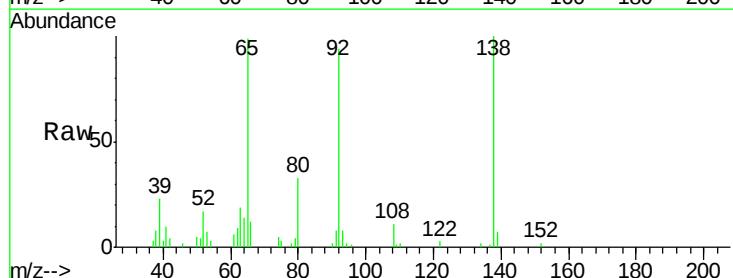
Tgt Ion:138 Resp: 28120

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

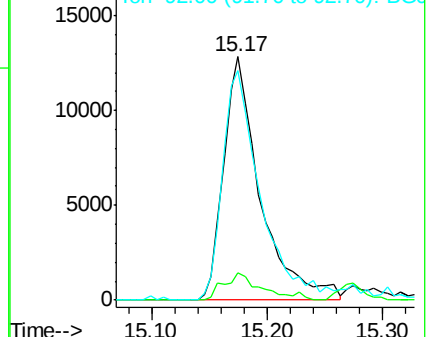
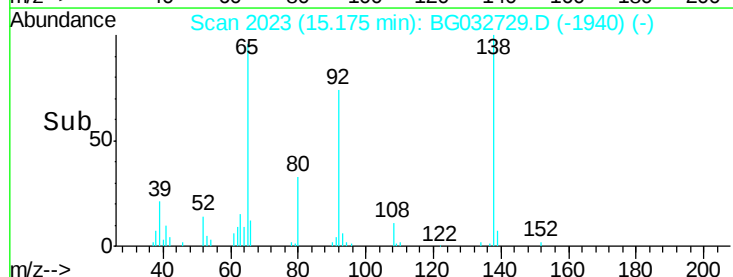
92 94.0 105.8 158.8#

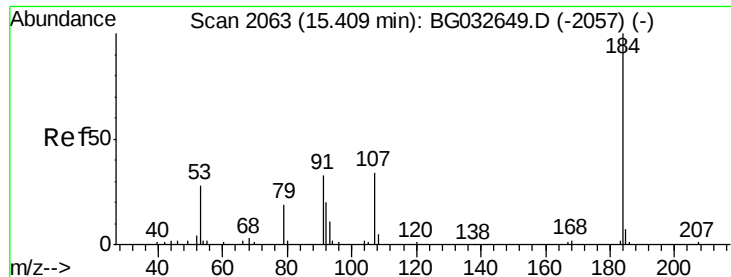


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 95.03 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

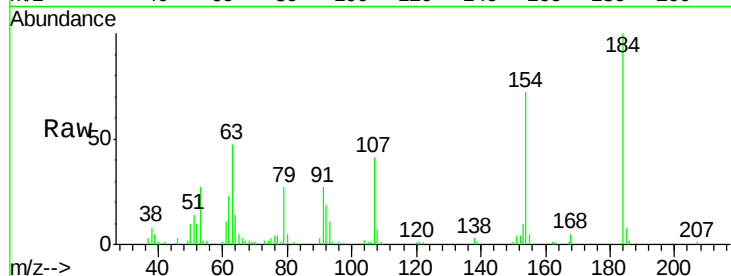
Tot Ion:184 Resp: 53384

Ion Ratio Lower Upper

184 100

63 46.9 59.8 89.8#

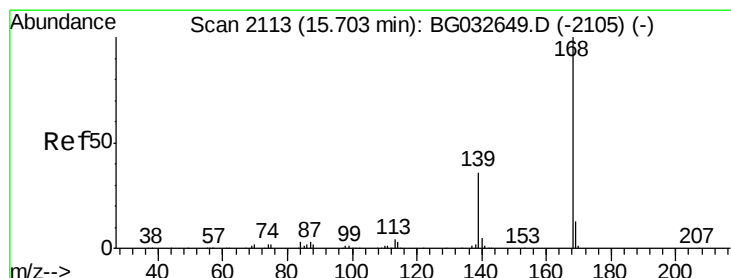
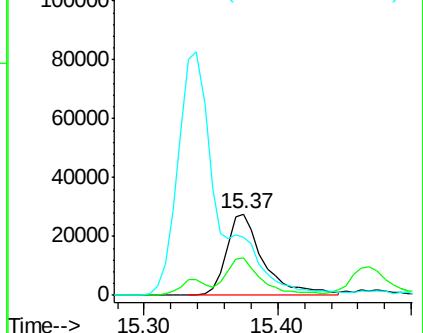
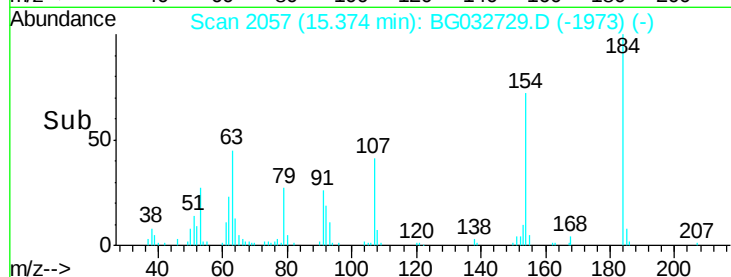
154 72.1 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.64 ng

RT: 15.67 min Scan# 2107

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

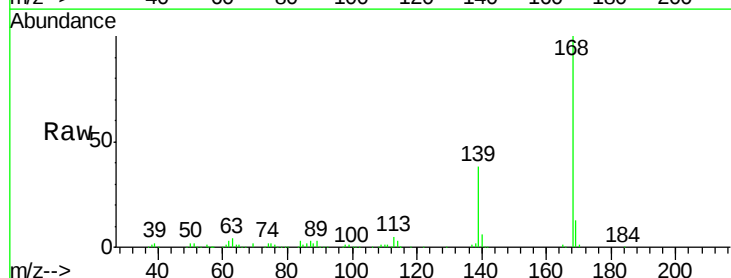
Tgt Ion:168 Resp: 236517

Ion Ratio Lower Upper

168 100

139 37.6 28.6 43.0

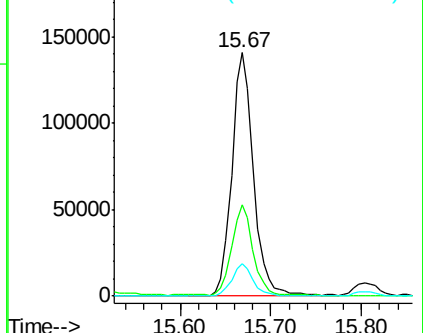
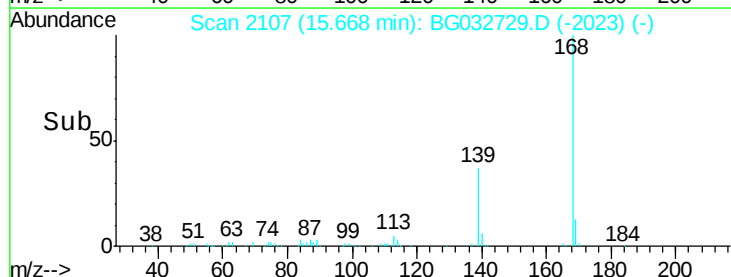
169 13.5 11.2 16.8

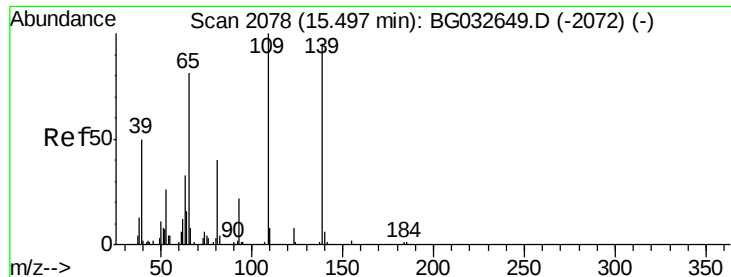


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

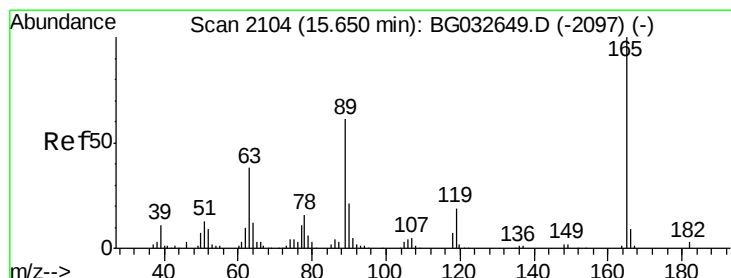
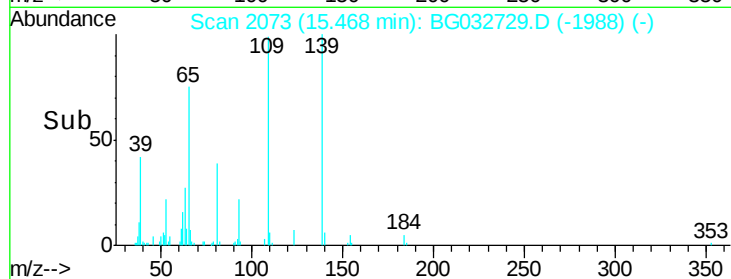
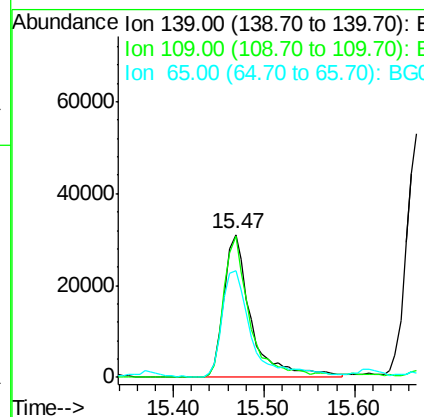
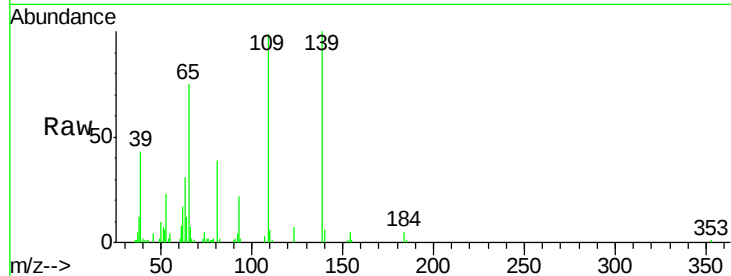




#55
4-Nitrophenol
Concen: 96.58 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

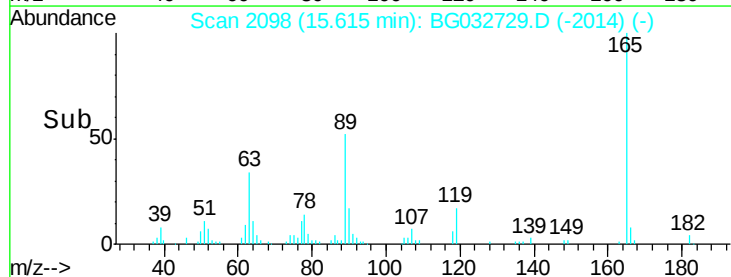
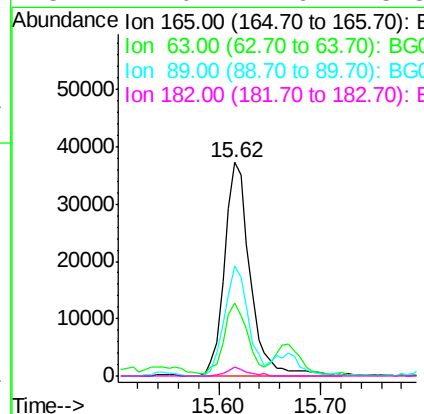
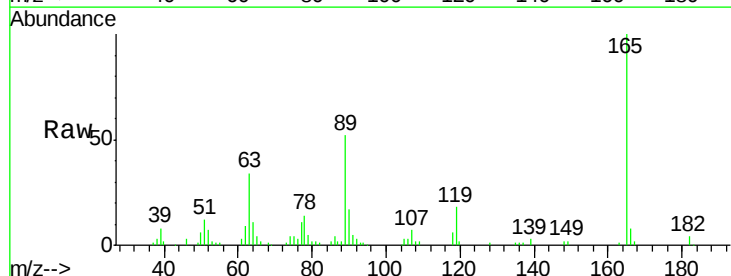
Instrument :
BNA_G
ClientSampleId :

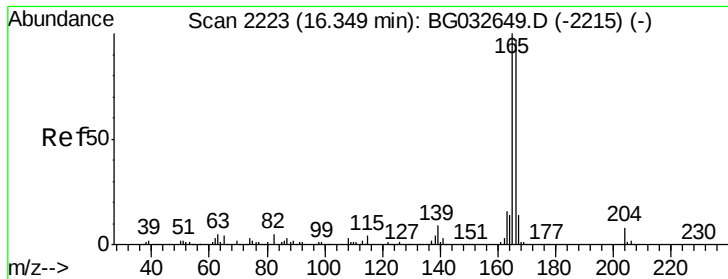
Tot Ion:139 Resp: 64979
Ion Ratio Lower Upper
139 100
109 99.2 62.2 102.2
65 74.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 46.97 ng
RT: 15.62 min Scan# 2098
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:165 Resp: 65655
Ion Ratio Lower Upper
165 100
63 34.3 42.0 63.0#
89 51.8 66.9 100.3#
182 4.0 2.6 3.8#





#57

Fluorene

Concen: 42.14 ng

RT: 16.31 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

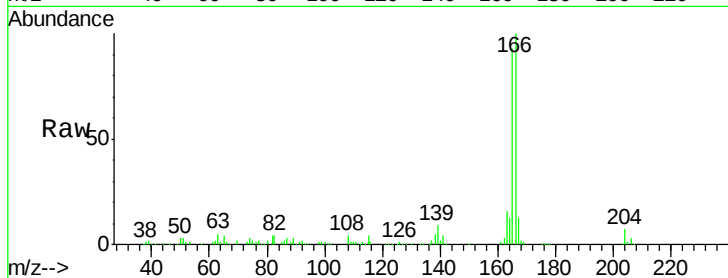
Tot Ion:166 Resp: 192200

Ion Ratio Lower Upper

166 100

165 93.4 80.6 121.0

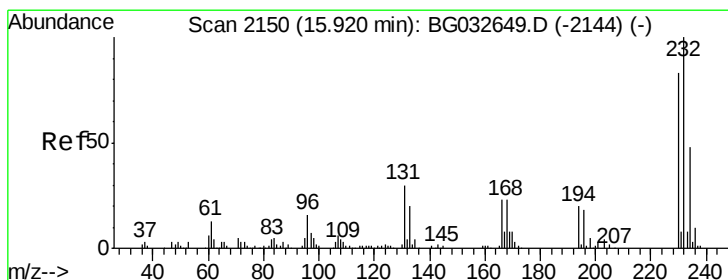
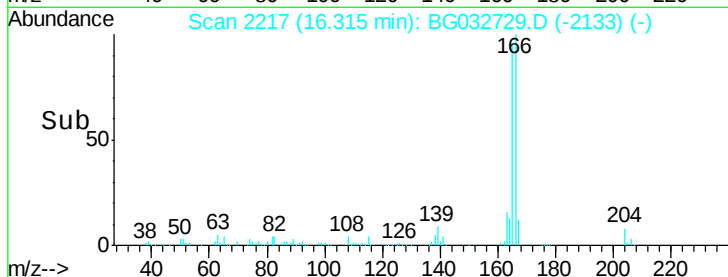
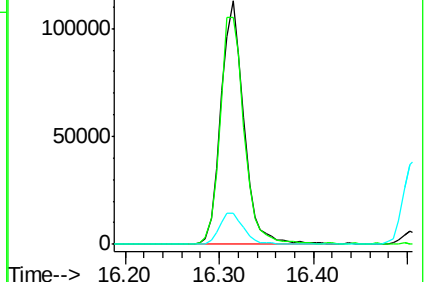
167 12.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.59 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Tgt Ion:232 Resp: 71849

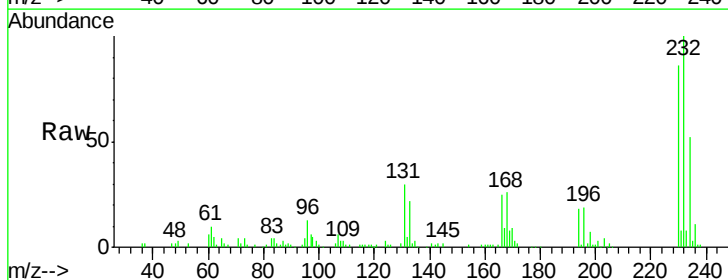
Ion Ratio Lower Upper

232 100

131 31.6 33.5 50.3#

130 2.2 2.2 3.2#

166 23.7 24.8 37.2#

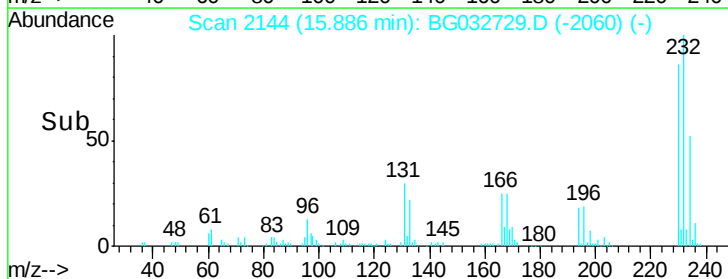
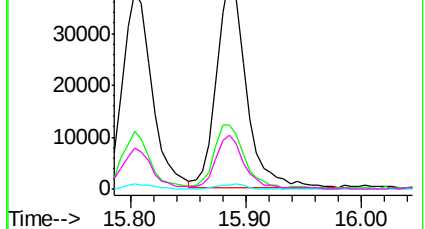


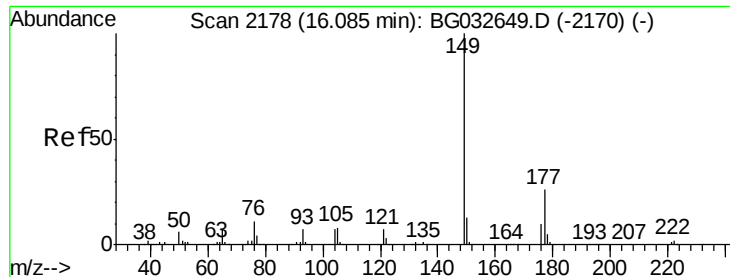
Abundance Ion 232.00 (231.70 to 232.70): E

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

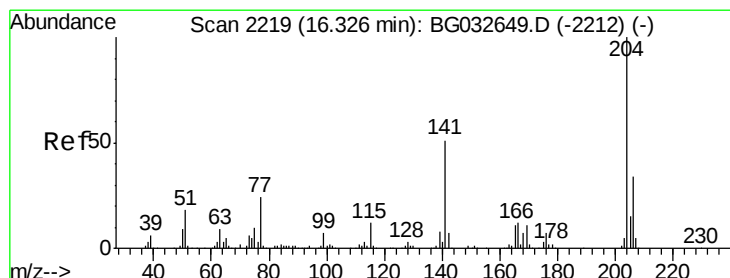
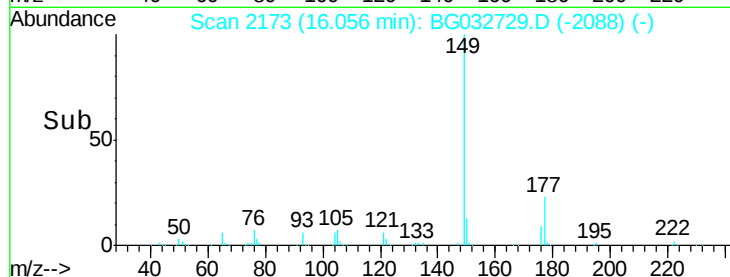
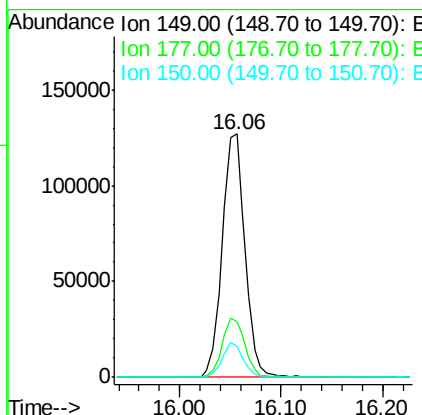
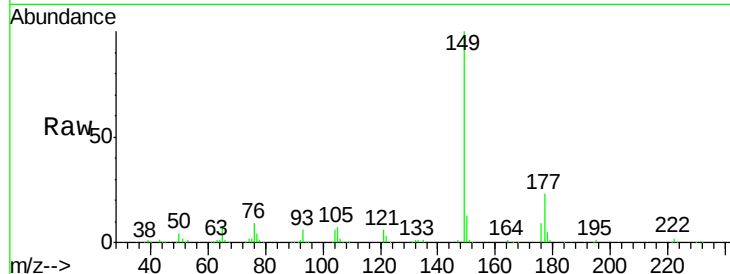




#59
Diethylphthalate
Concen: 41.22 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

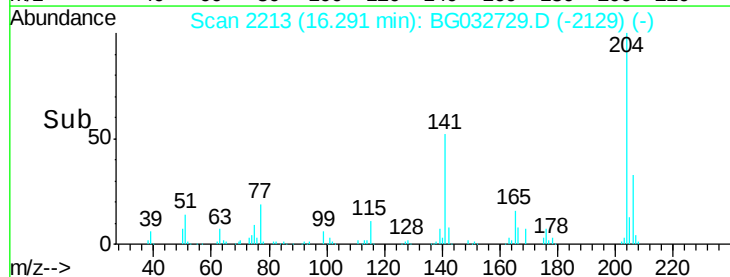
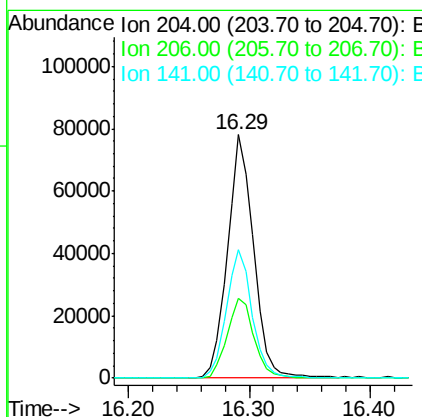
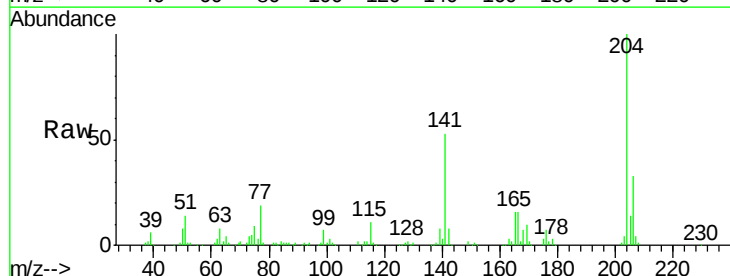
Instrument :
BNA_G
ClientSampleId :

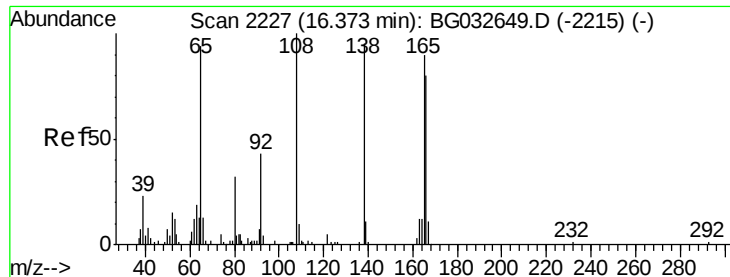
Tot Ion:149 Resp: 197575
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.94 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:204 Resp: 117279
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 52.7 45.8 68.6





#61

4-Nitroaniline

Concen: 42.29 ng

RT: 16.33 min Scan# 2220

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

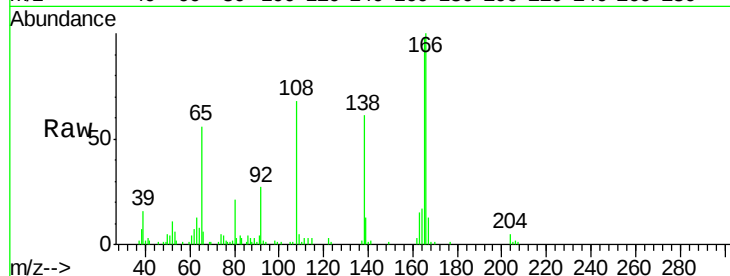
Tot Ion:138 Resp: 39058

Ion Ratio Lower Upper

138 100

92 45.3 40.1 80.1

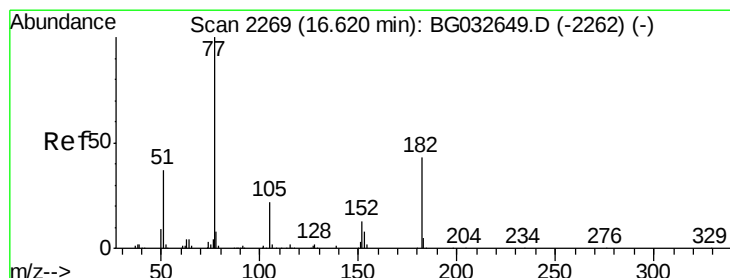
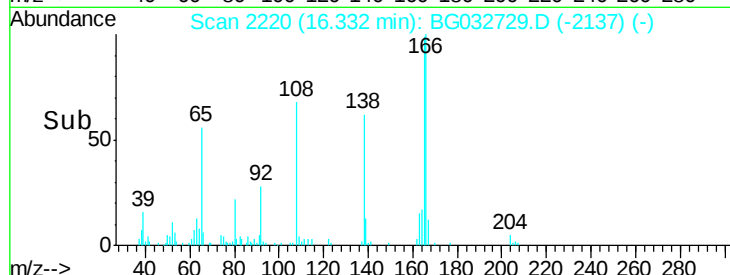
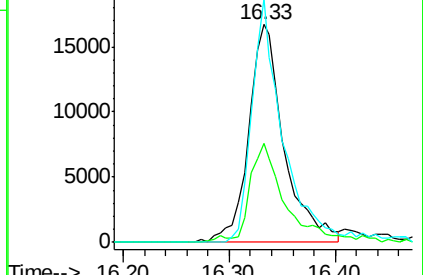
108 111.7 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.86 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Tgt Ion: 77 Resp: 119675

Ion Ratio Lower Upper

77 100

182 45.2 7.4 47.4

105 21.7 0.3 40.3

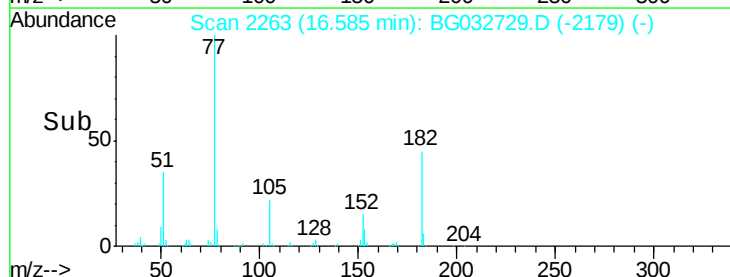
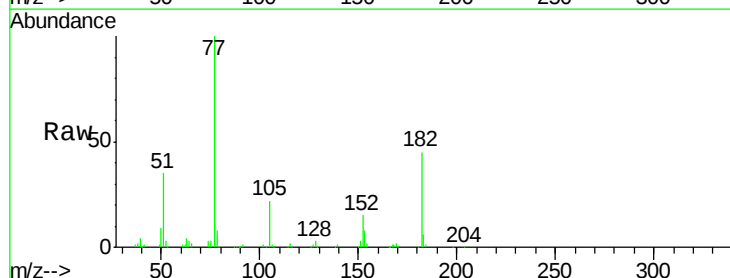
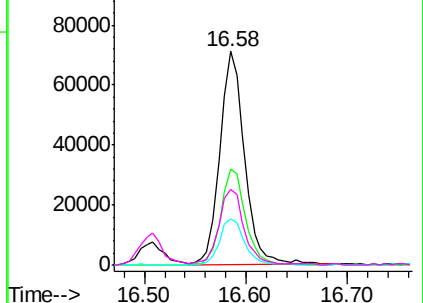
51 35.4 11.6 51.6

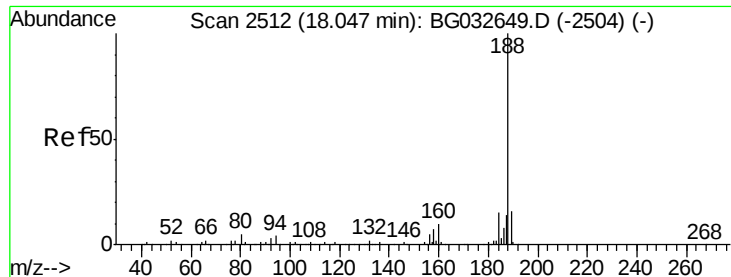
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

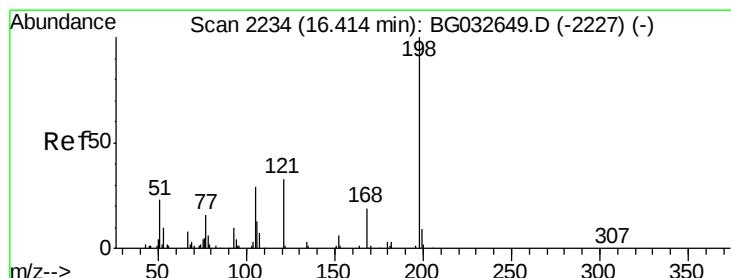
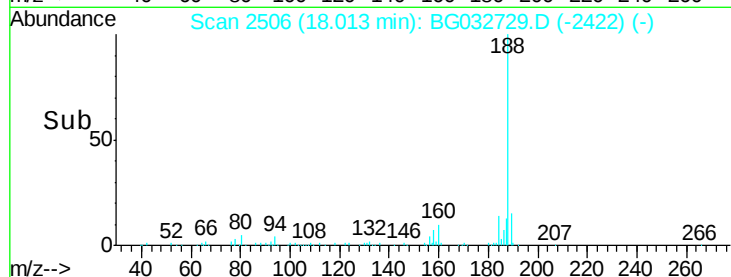
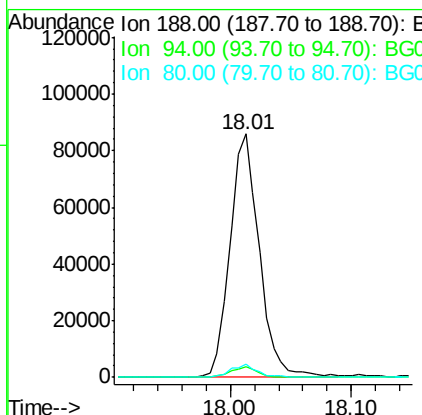
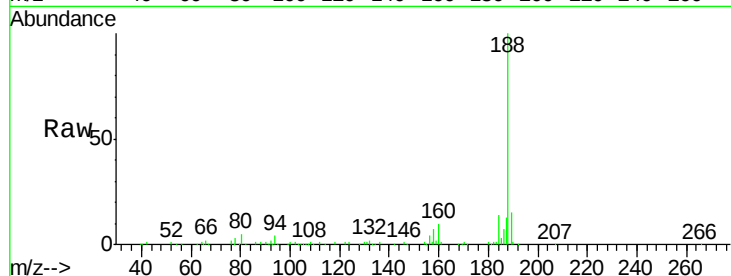




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.01 min Scan# 2506
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

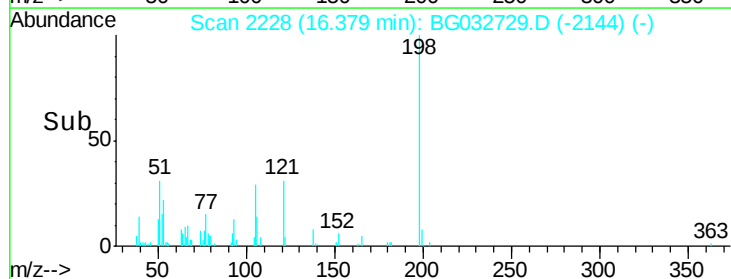
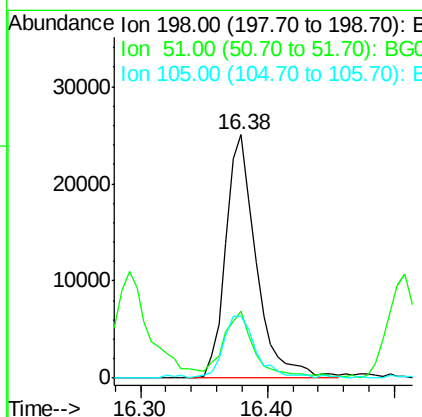
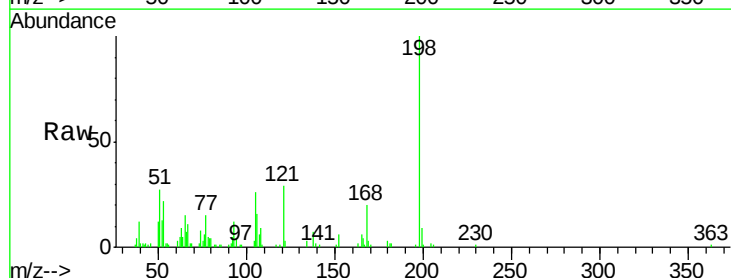
Instrument :
BNA_G
ClientSampled :

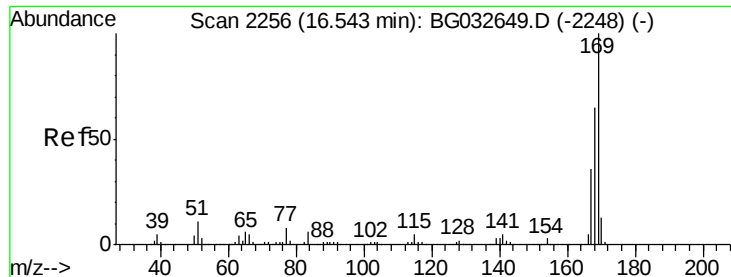
Tot Ion:188 Resp: 145180
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.38 ng
RT: 16.38 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:198 Resp: 41699
Ion Ratio Lower Upper
198 100
51 27.4 30.6 70.6#
105 25.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.40 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

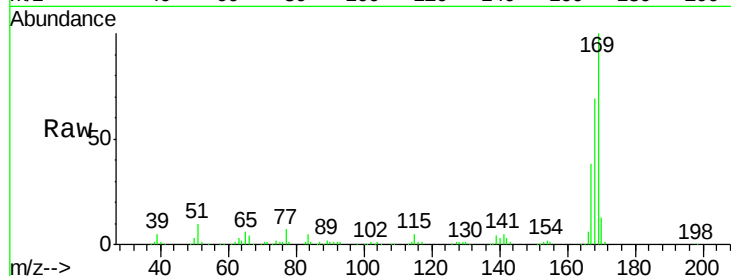
Tot Ion:169 Resp: 176282

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

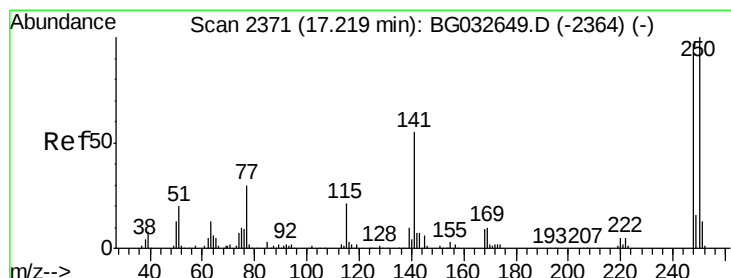
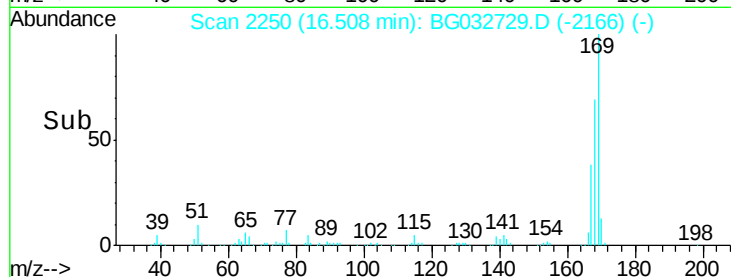
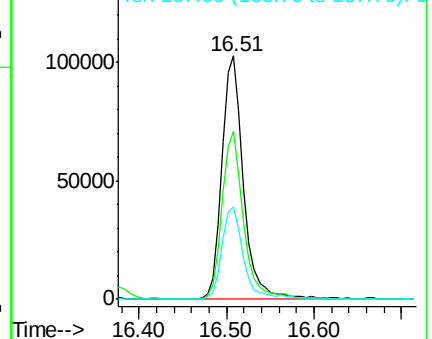
167 37.9 30.1 45.1



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: 41.75 ng

RT: 17.18 min Scan# 2365

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

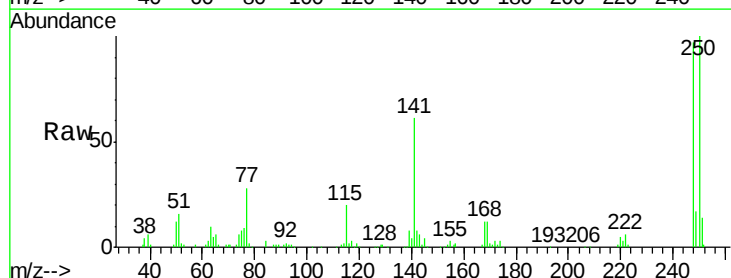
Tgt Ion:248 Resp: 86741

Ion Ratio Lower Upper

248 100

250 102.8 77.1 115.7

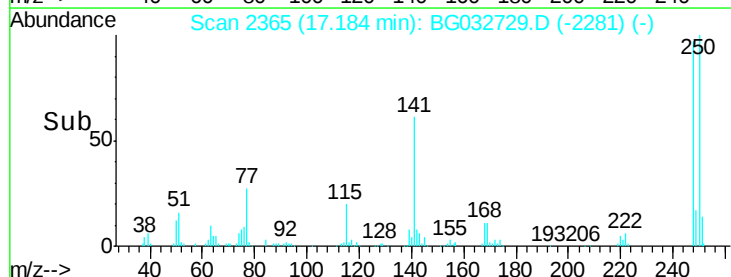
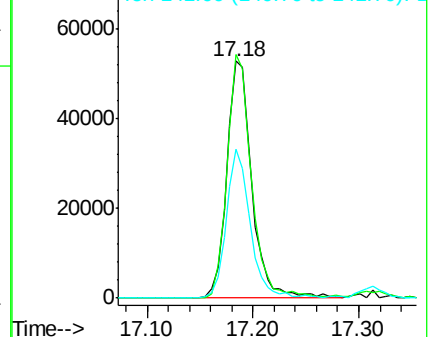
141 62.9 50.8 76.2

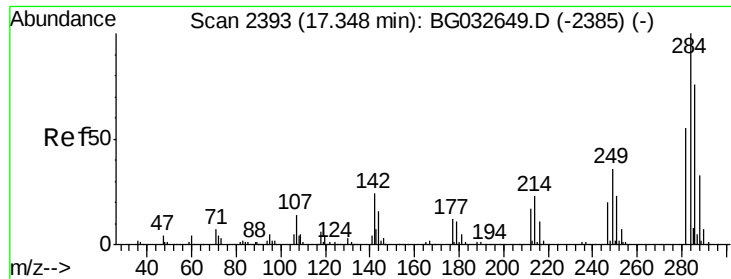


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.04 ng

RT: 17.31 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

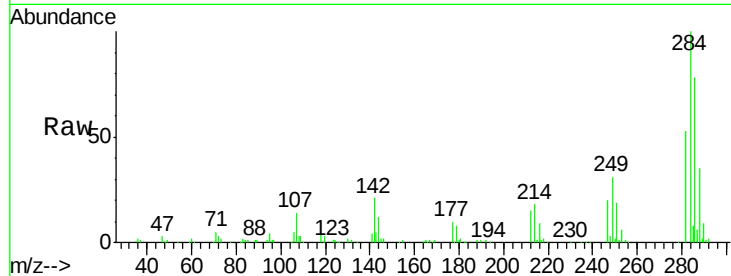
Tot Ion:284 Resp: 100509

Ion Ratio Lower Upper

284 100

142 21.0 26.8 40.2#

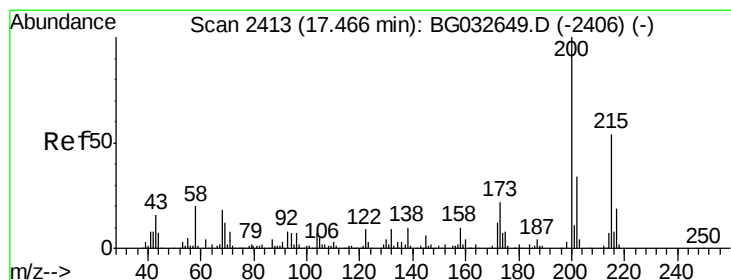
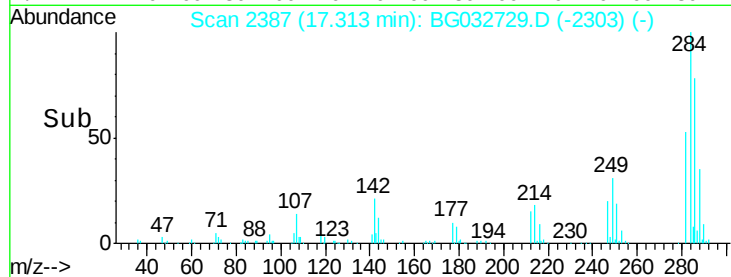
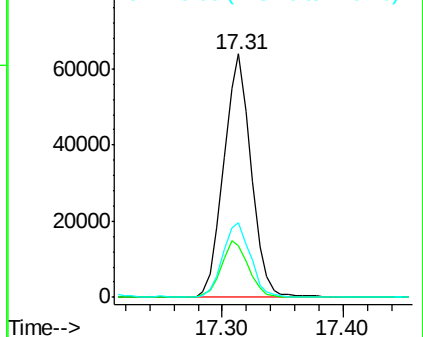
249 30.6 26.3 39.5



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: 45.57 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

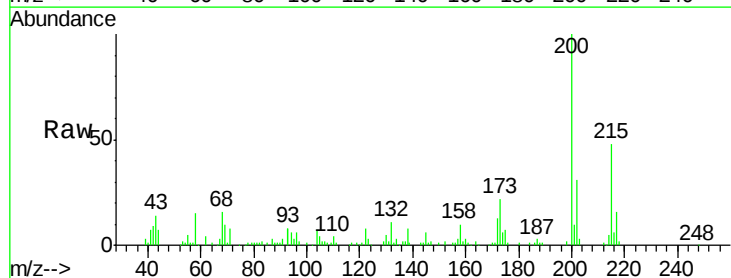
Tgt Ion:200 Resp: 83225

Ion Ratio Lower Upper

200 100

173 22.3 5.2 45.2

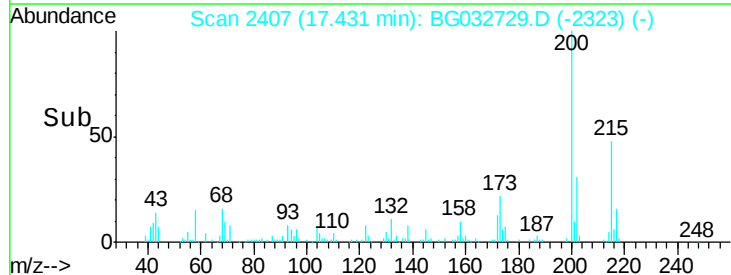
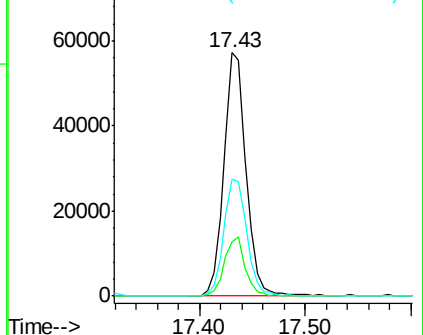
215 47.8 30.4 70.4

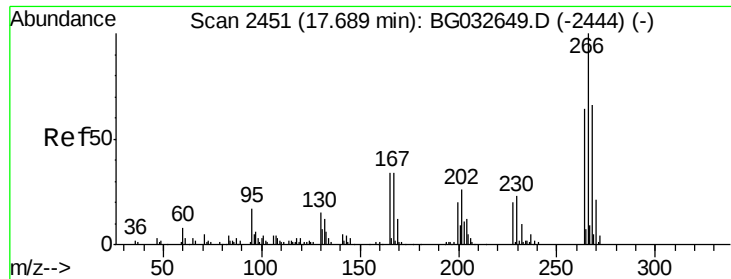


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

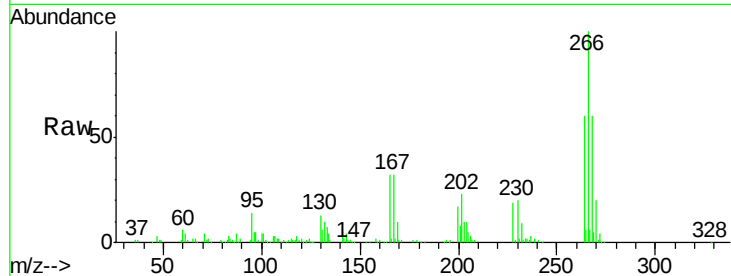




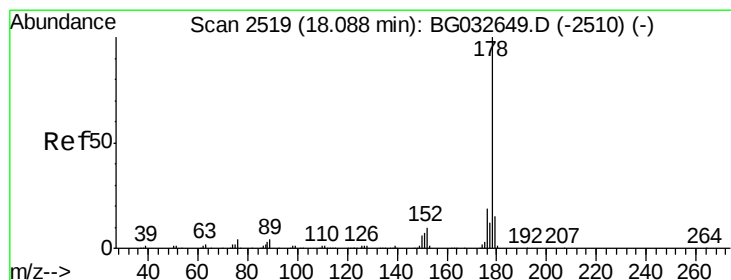
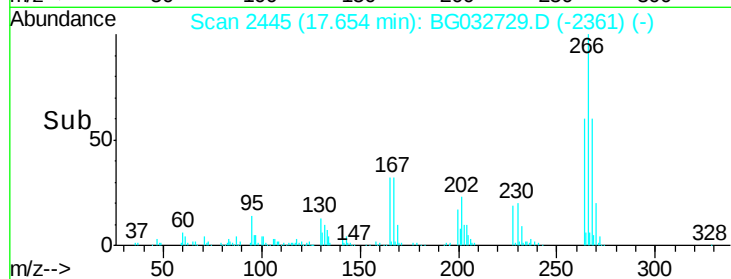
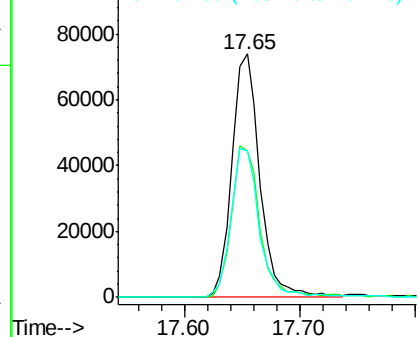
#69
 Pentachlorophenol
 Concen: 90.79 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	59.9	49.6	74.4

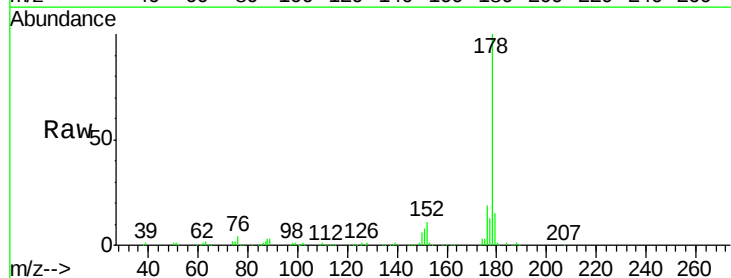


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

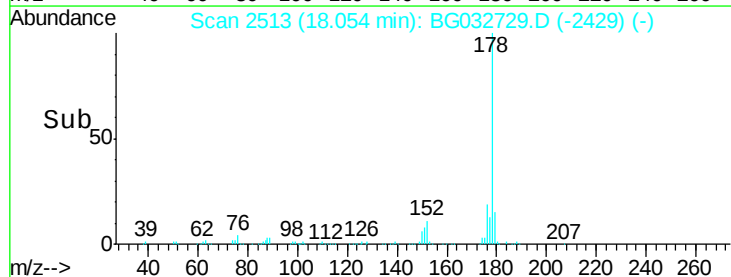
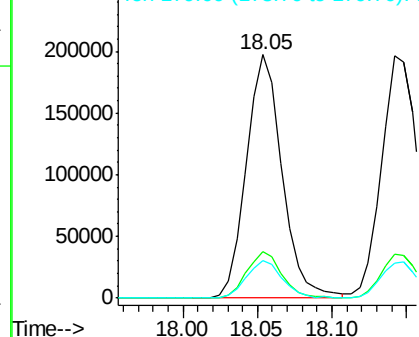


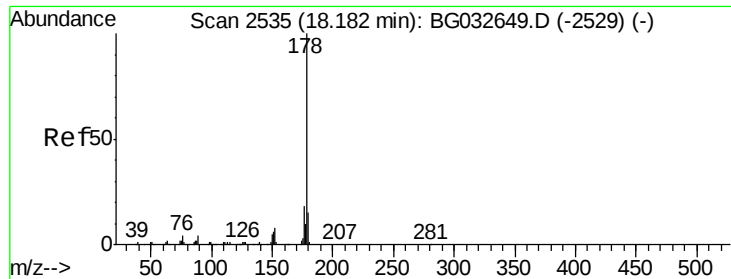
#70
 Phenanthrene
 Concen: 41.79 ng
 RT: 18.05 min Scan# 2513
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.2	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

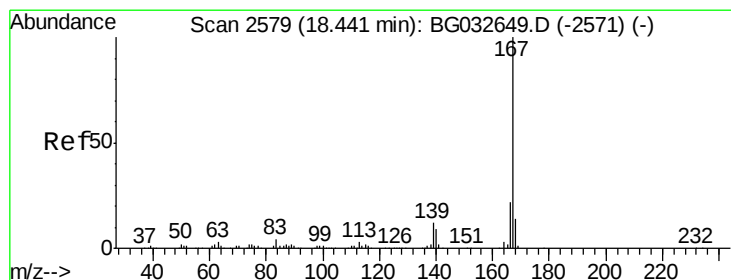
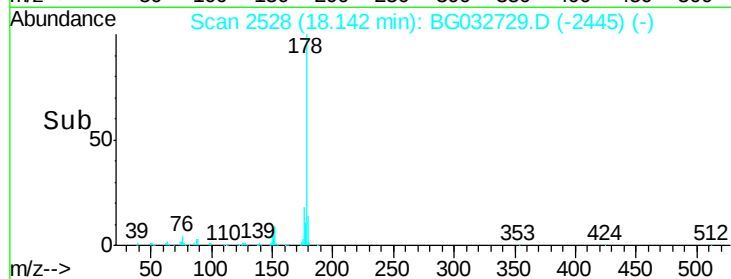
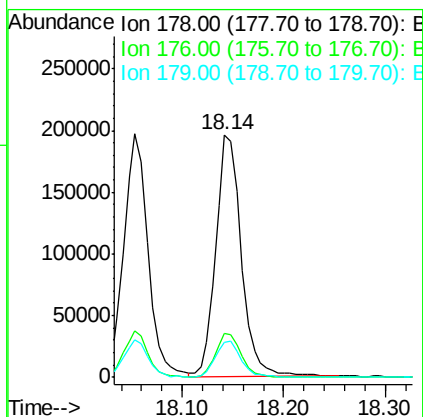
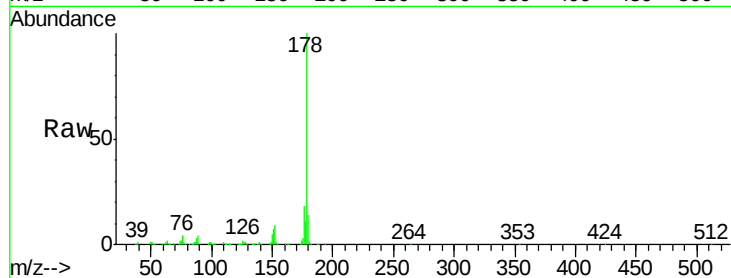




#71
 Anthracene
 Concen: 42.94 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.04 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

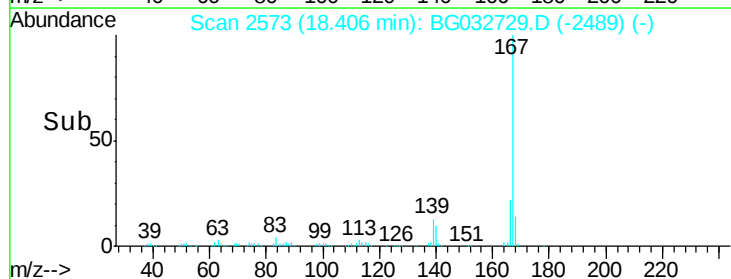
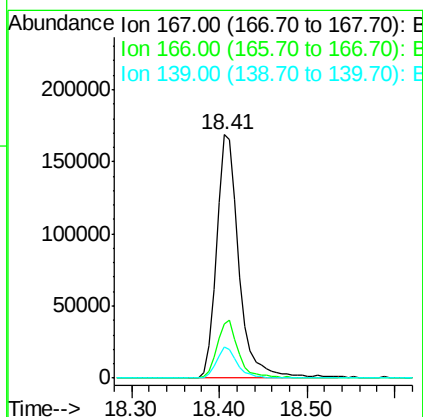
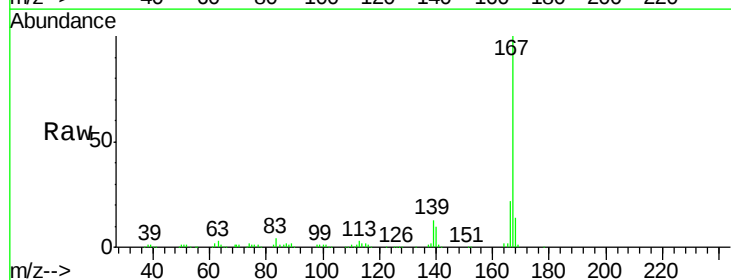
Instrument :
 BNA_G
 ClientSampleId :

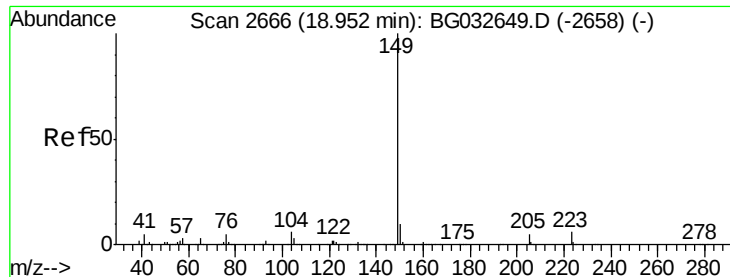
Tot Ion:178 Resp: 342625
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.0 24.0
 179 14.4 12.5 18.7



#72
 Carbazole
 Concen: 44.06 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion:167 Resp: 299760
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 12.8 9.4 14.2

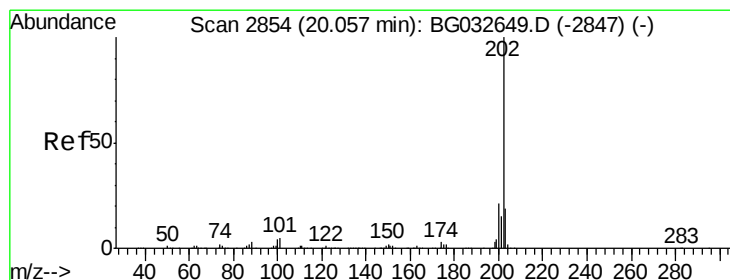
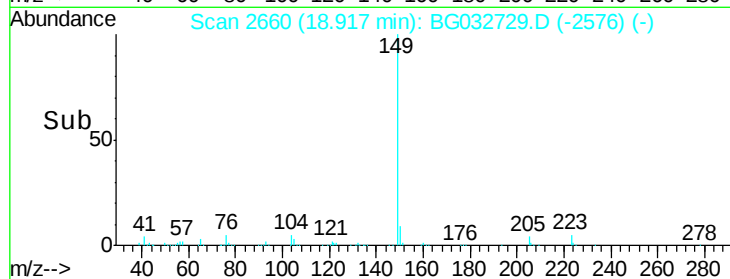
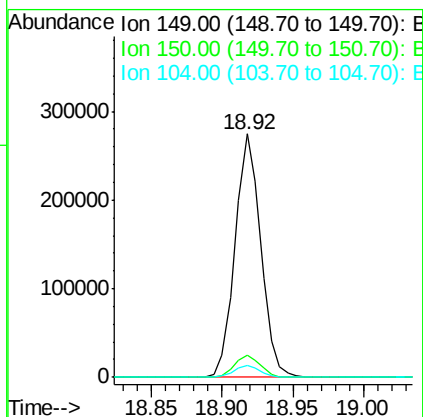
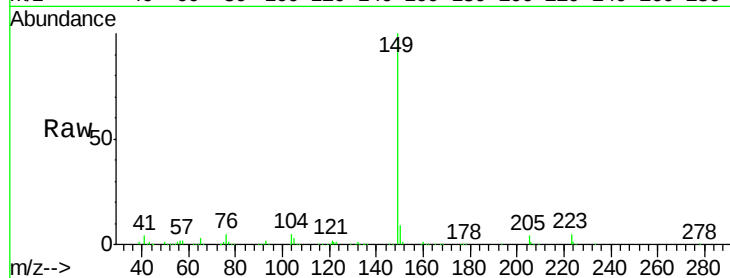




#73
Di-n-butylphthalate
Concen: 45.62 ng
RT: 18.92 min Scan# 2660
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

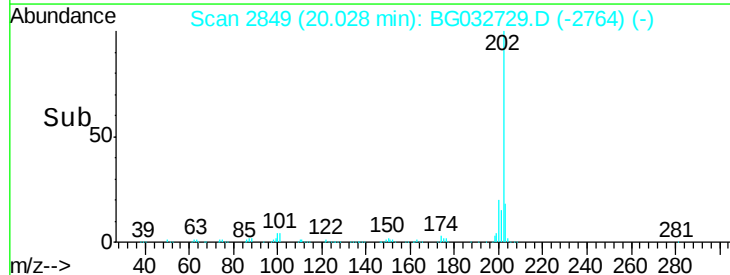
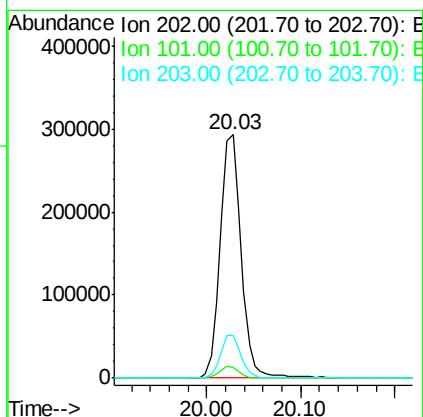
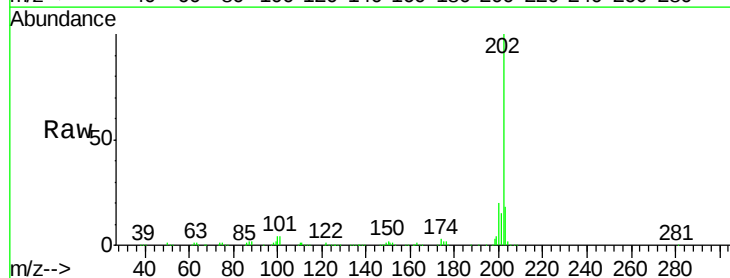
Instrument :
BNA_G
ClientSampleId :

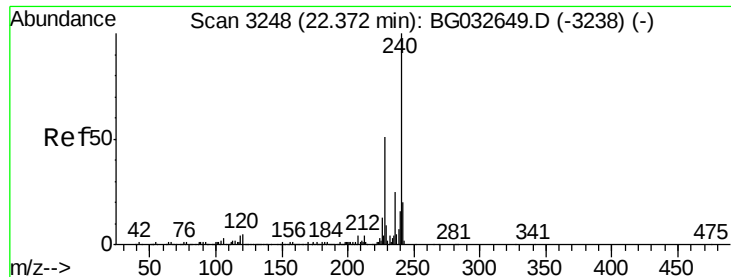
Tot Ion:149 Resp: 349478
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 44.07 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:202 Resp: 458869
Ion Ratio Lower Upper
202 100
101 4.1 0.0 28.9
203 17.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

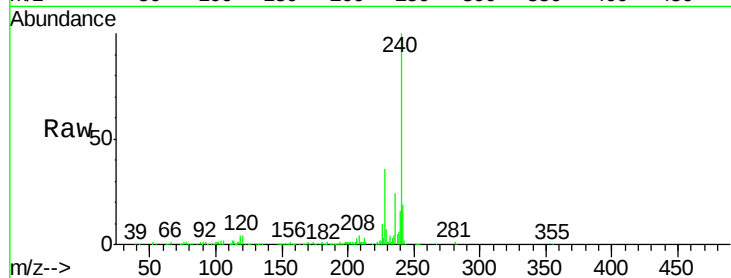
Tot Ion:240 Resp: 193065

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

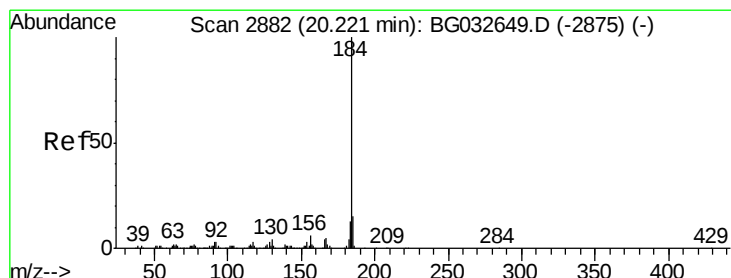
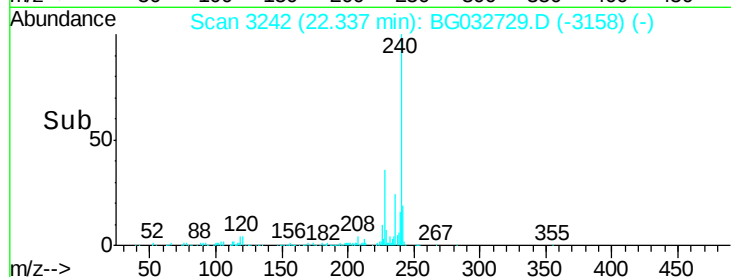
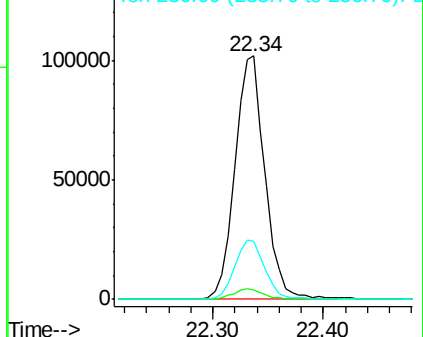
236 23.7 20.9 31.3



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: 21.33 ng

RT: 20.19 min Scan# 2877

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

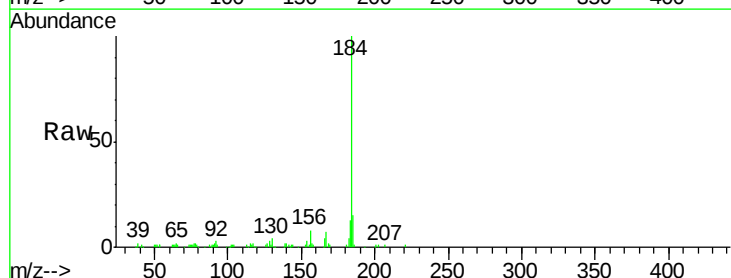
Tgt Ion:184 Resp: 96982

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

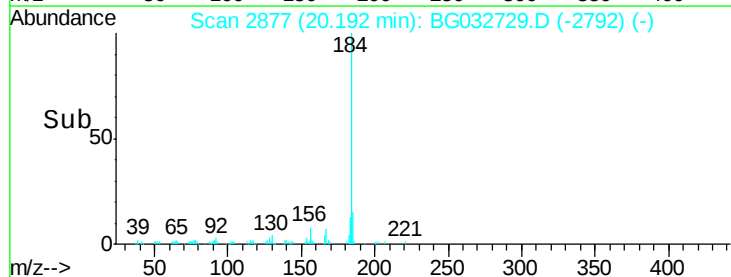
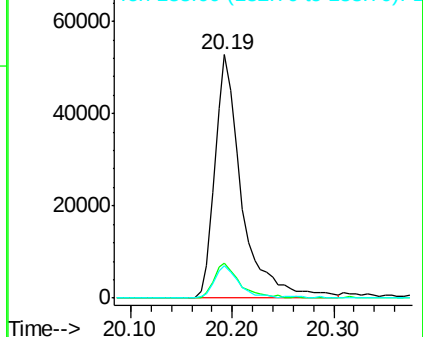
183 13.3 10.6 16.0

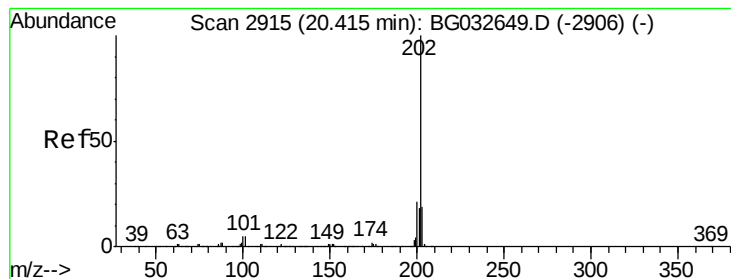


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.89 ng

RT: 20.39 min Scan# 2910

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

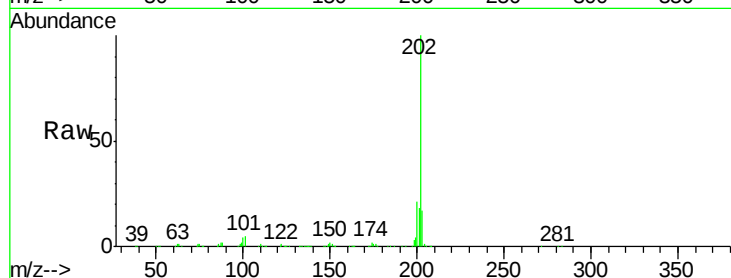
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 458127

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	16.7	13.9	20.9

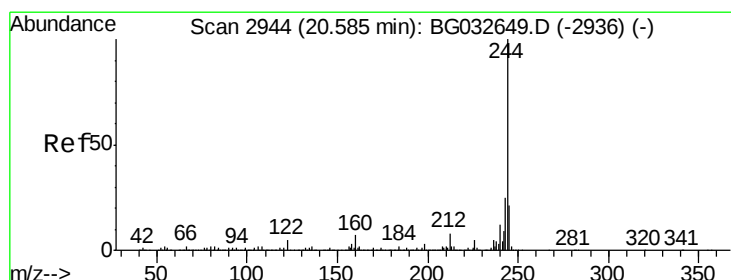
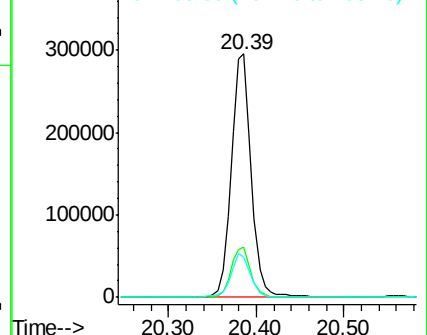
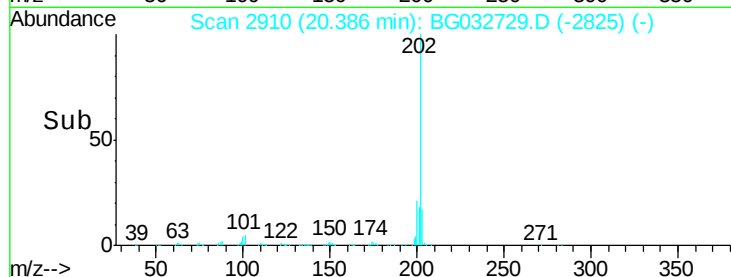


Abundance

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: 93.43 ng

RT: 20.56 min Scan# 2939

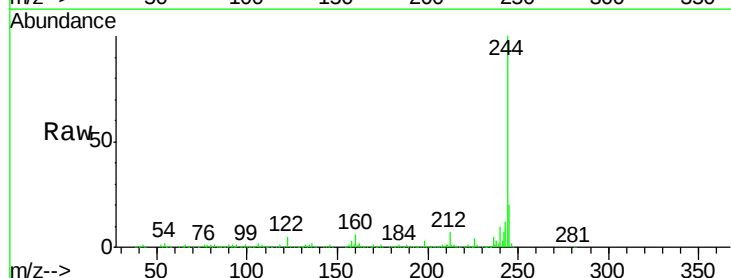
Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Tgt Ion:244 Resp: 791414

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	5.2	7.0	10.4#

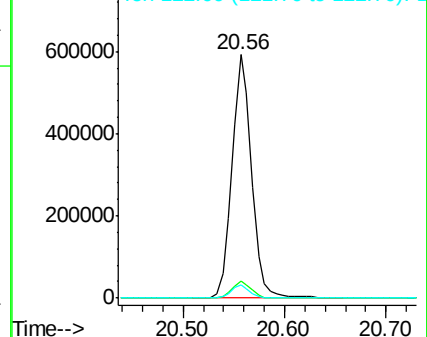
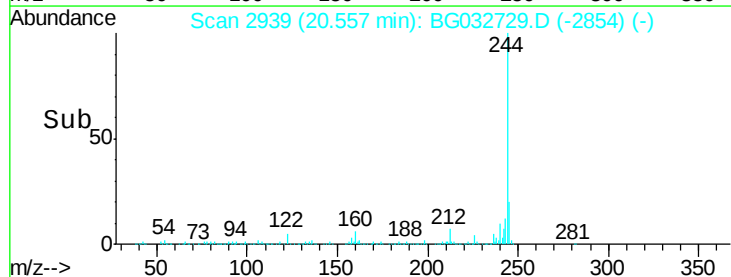


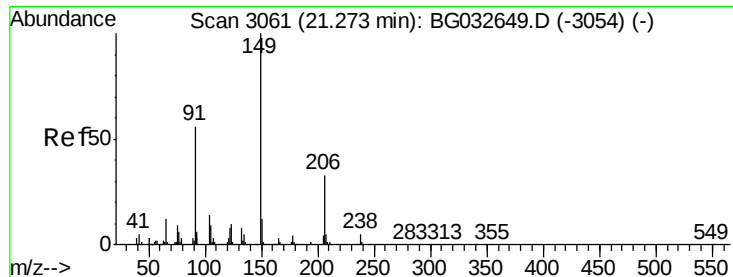
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

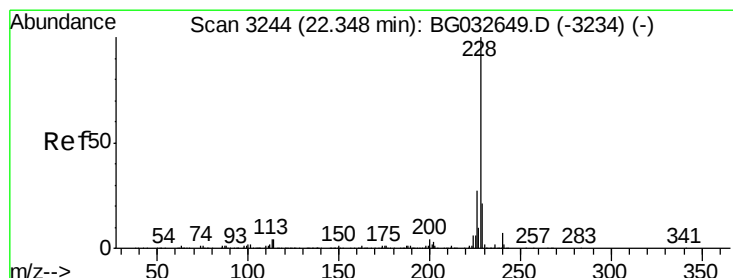
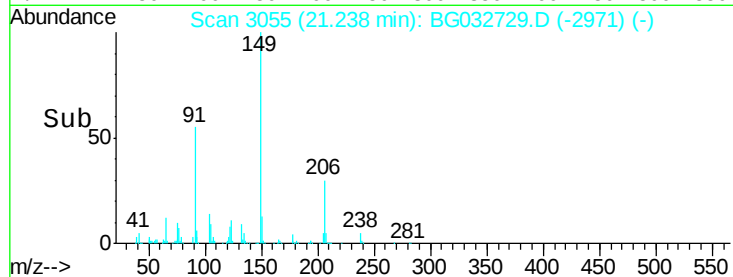
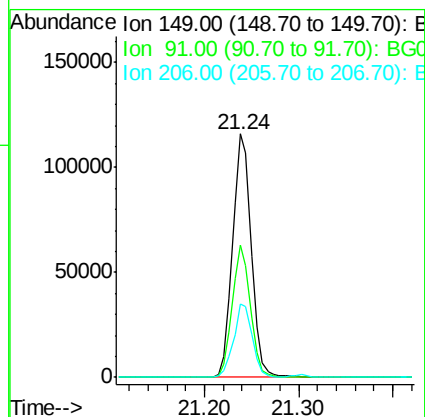
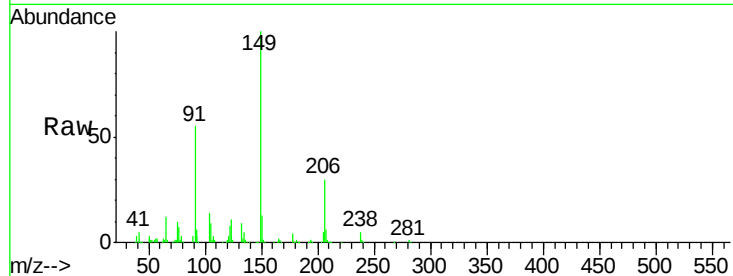




#79
Butylbenzylphthalate
Concen: 42.25 ng
RT: 21.24 min Scan# 3055
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

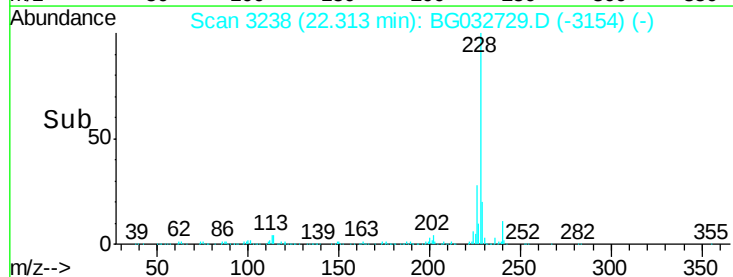
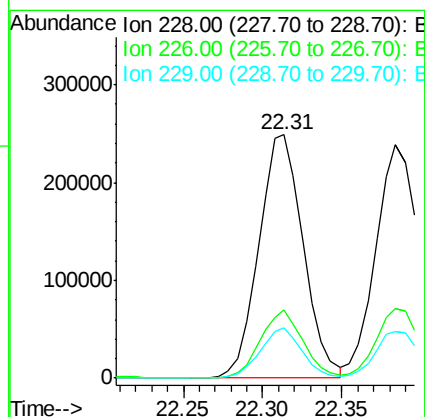
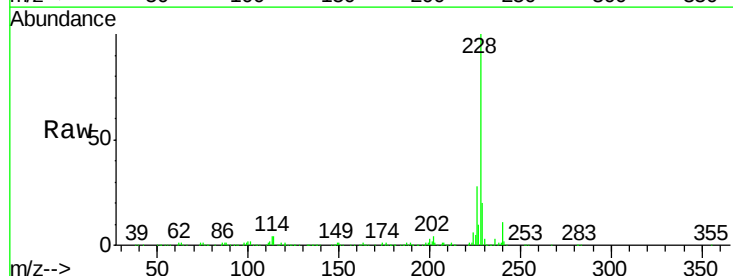
Instrument :
BNA_G
ClientSampleId :

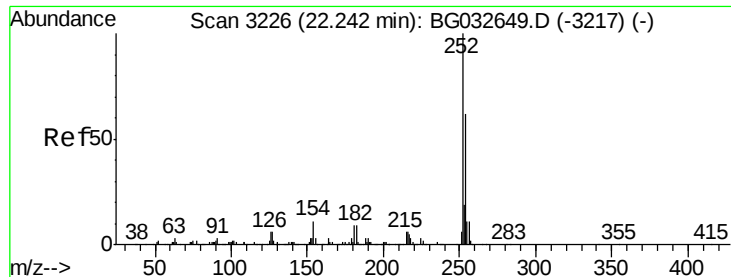
Tot Ion:149 Resp: 159848
Ion Ratio Lower Upper
149 100
91 54.6 62.2 93.2#
206 30.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 39.99 ng
RT: 22.31 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:228 Resp: 483397
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.4 16.2 24.2

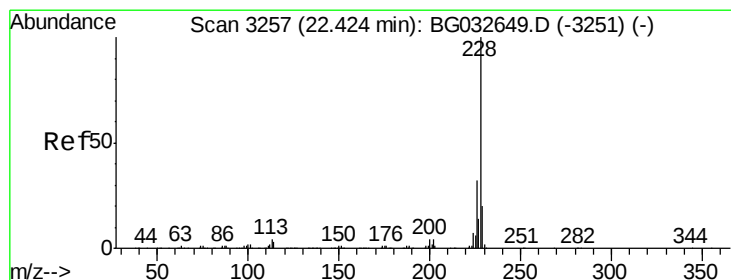
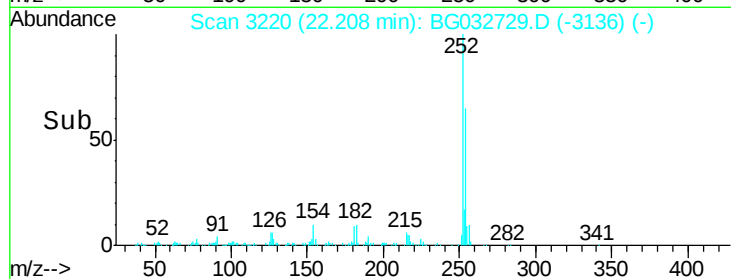
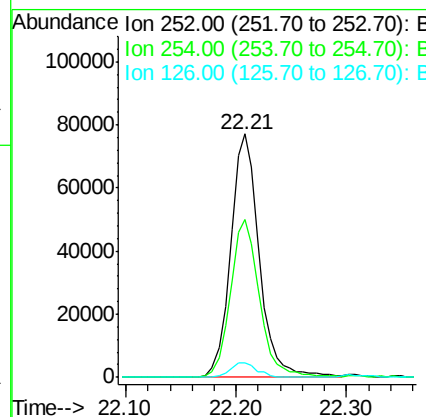
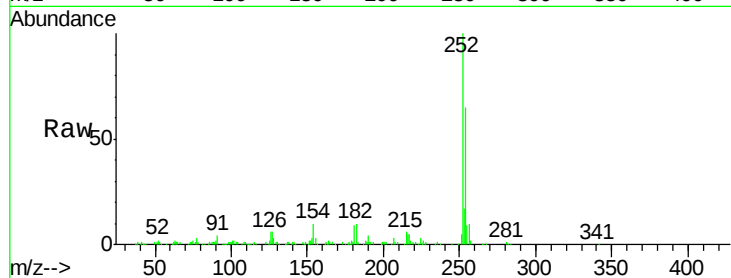




#81
 3,3'-Dichlorobenzidine
 Concen: 30.93 ng
 RT: 22.21 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

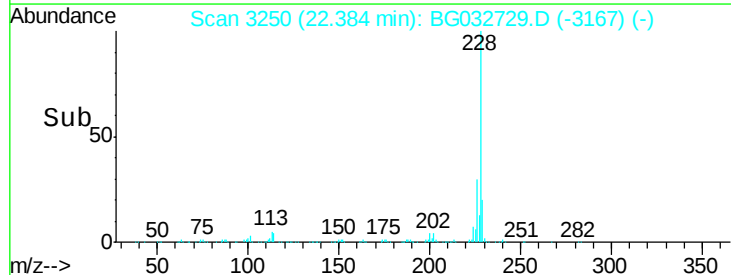
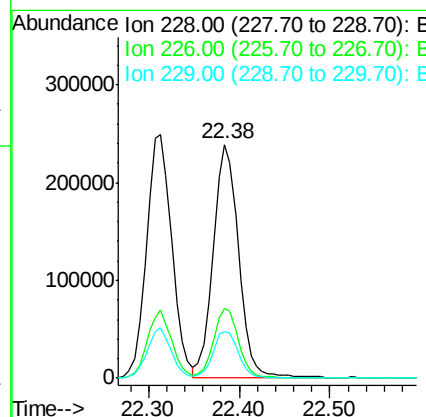
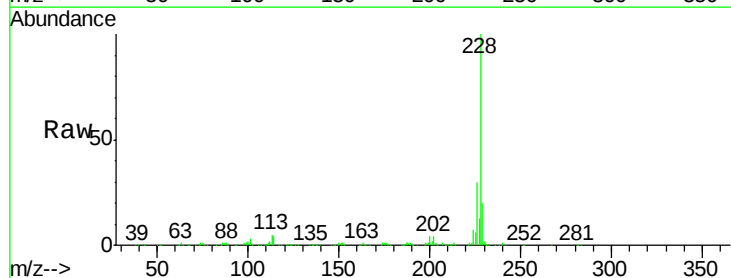
Instrument :
 BNA_G
 ClientSampleId :

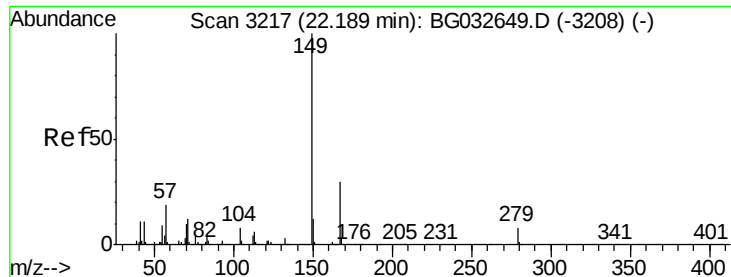
Tot Ion:252 Resp: 139650
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.8 76.2
 126 5.9 7.4 11.2#



#82
 Chrysene
 Concen: 38.91 ng
 RT: 22.38 min Scan# 3250
 Delta R.T. -0.04 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Tgt Ion:228 Resp: 463737
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 19.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.40 ng

RT: 22.15 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampleId :

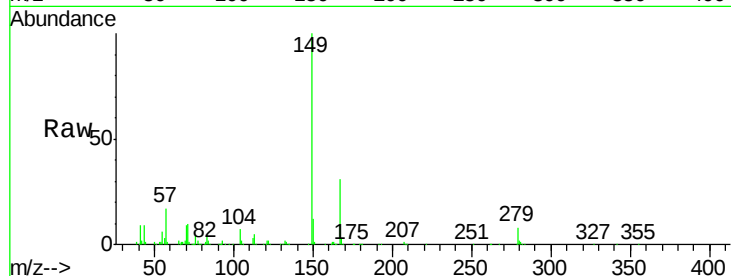
Tot Ion:149 Resp: 225880

Ion Ratio Lower Upper

149 100

167 31.1 24.3 36.5

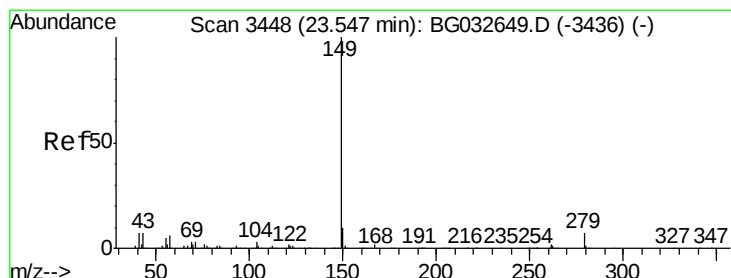
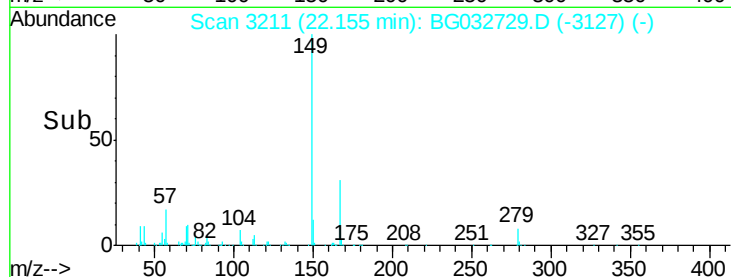
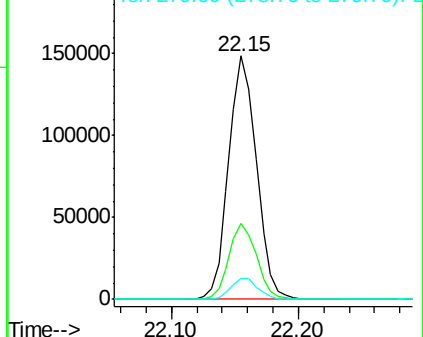
279 8.4 4.0 6.0#



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: 45.70 ng

RT: 23.51 min Scan# 3441

Delta R.T. -0.04 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

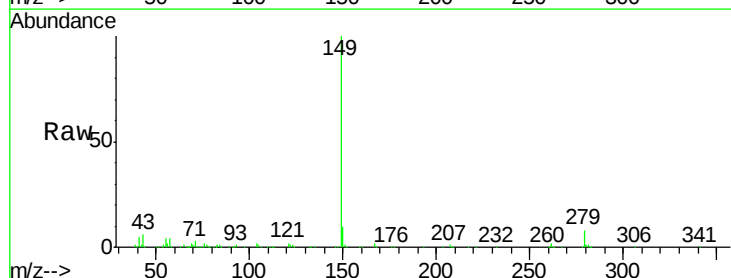
Tgt Ion:149 Resp: 391248

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

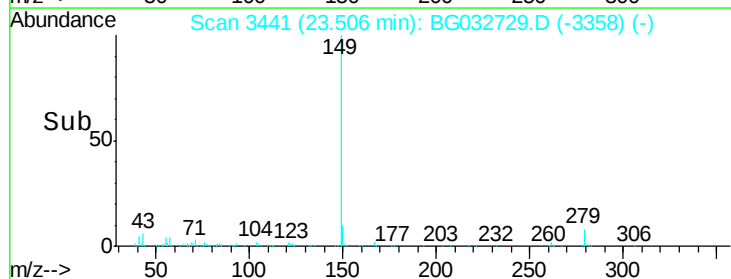
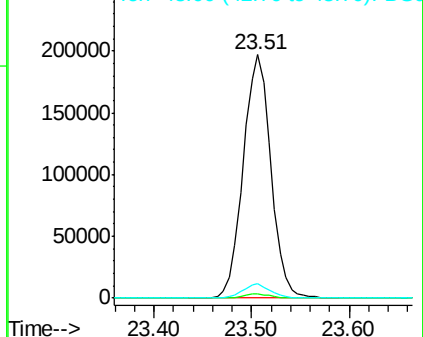
43 5.7 8.9 13.3#

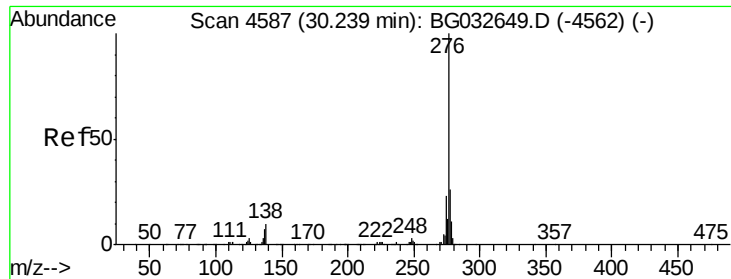


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.09 ng

RT: 30.15 min Scan# 4571

Delta R.T. -0.09 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

Instrument :

BNA_G

ClientSampled :

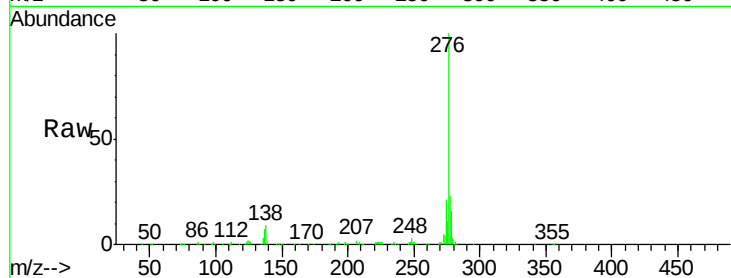
Tot Ion:276 Resp: 650828

Ion Ratio Lower Upper

276 100

138 2.3 16.0 24.0#

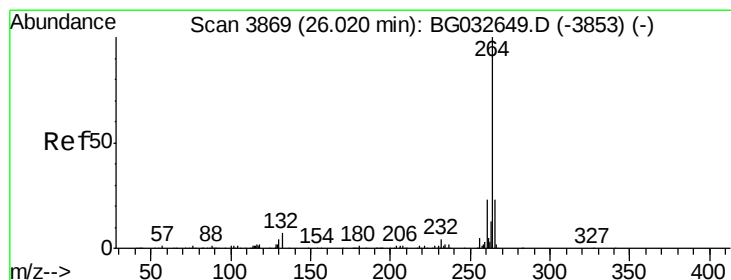
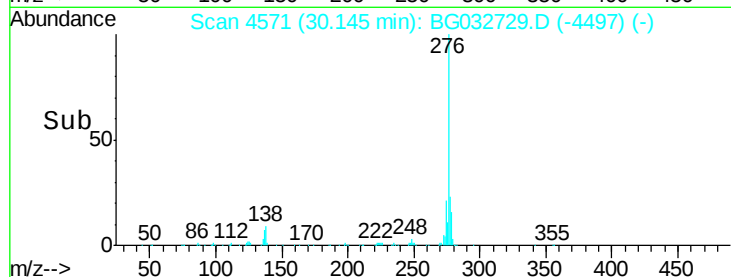
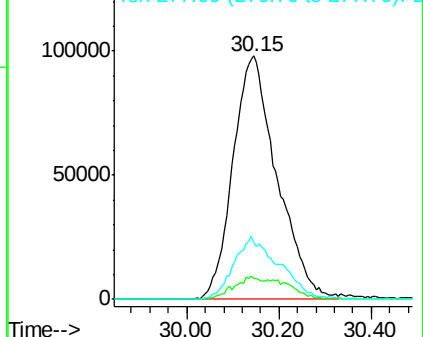
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.95 min Scan# 3857

Delta R.T. -0.07 min

Lab File: BG032729.D

Acq: 16 Feb 2018 00:50

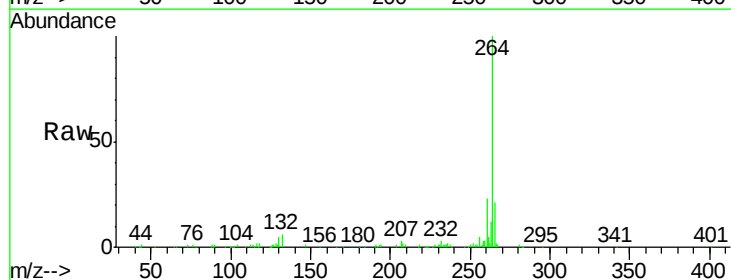
Tgt Ion:264 Resp: 211024

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

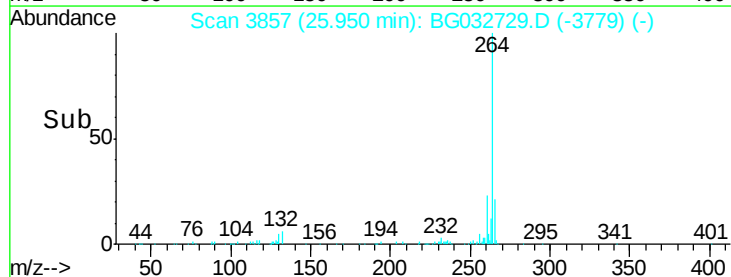
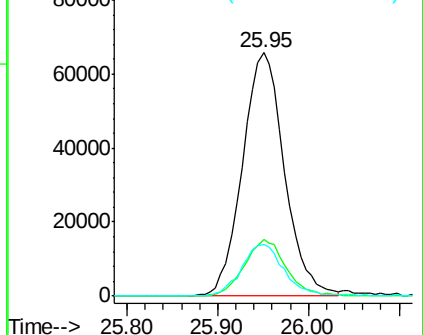
265 21.3 17.7 26.5

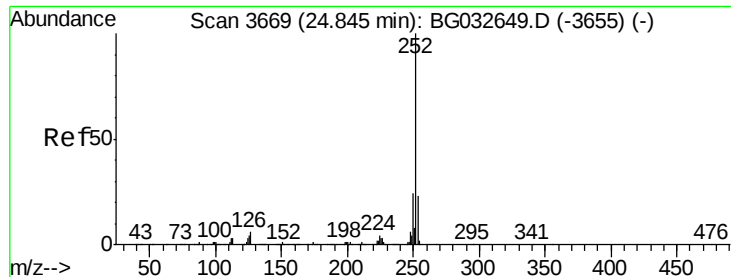


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

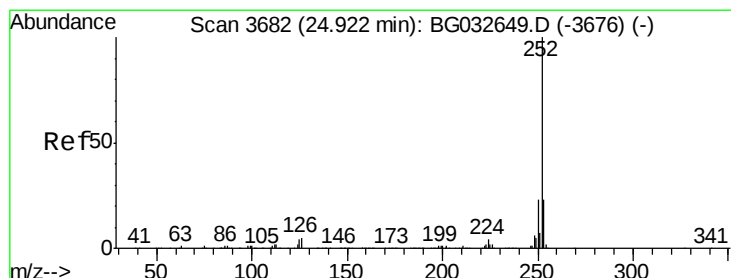
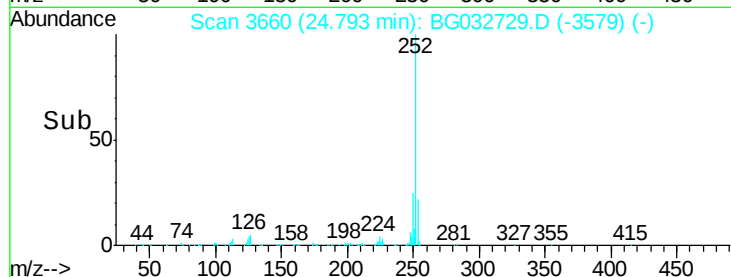
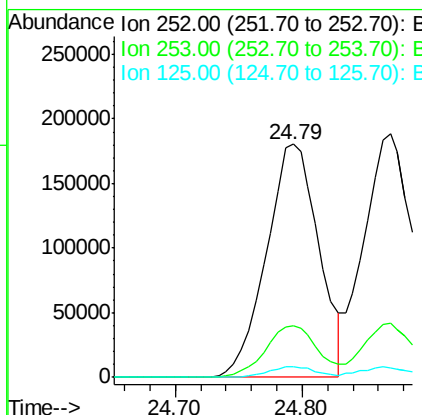
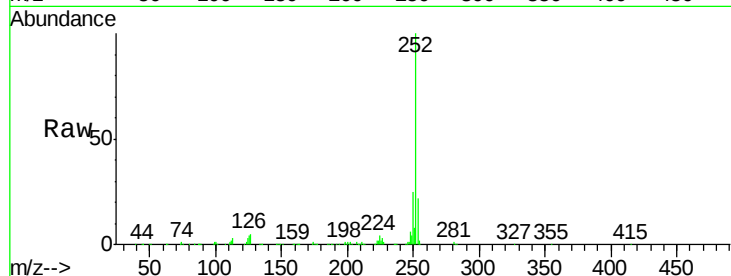




#87
Benzo(b)fluoranthene
Concen: 41.17 ng
RT: 24.79 min Scan# 3660
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

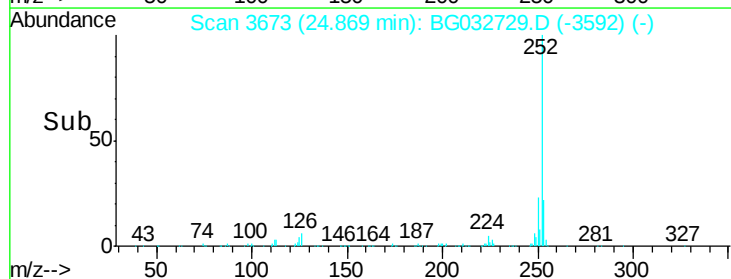
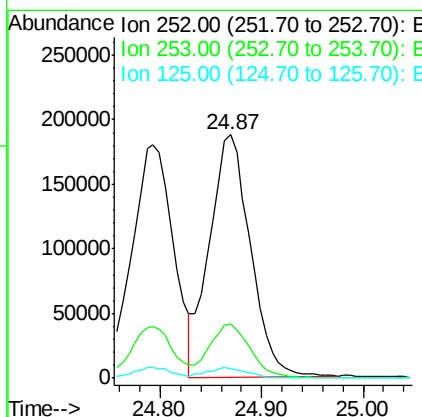
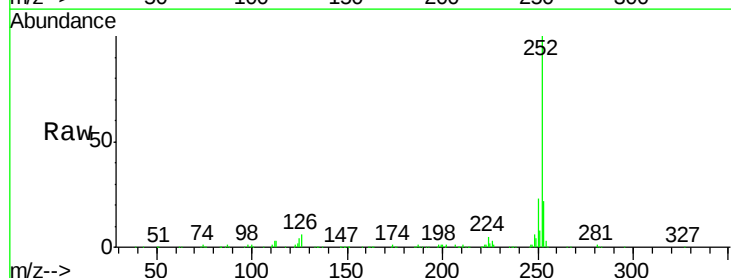
Instrument :
BNA_G
ClientSampled :

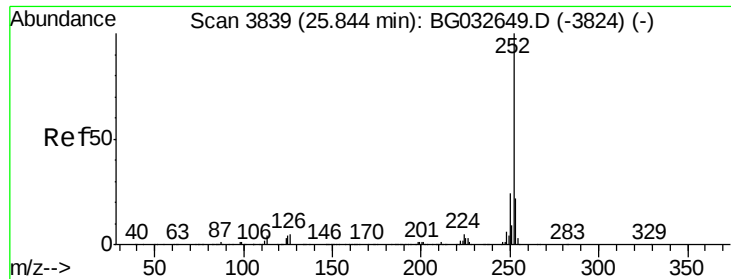
Tot Ion:252 Resp: 517748
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 4.4 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 40.23 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion:252 Resp: 523539
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.0 6.6 9.8#

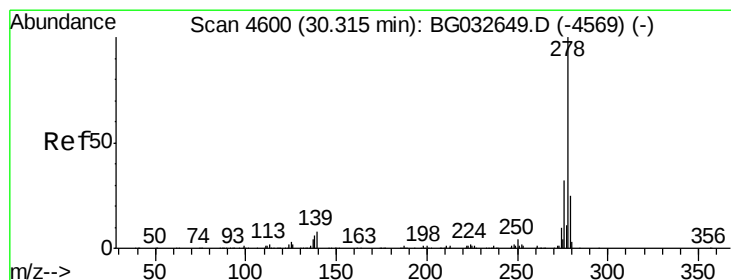
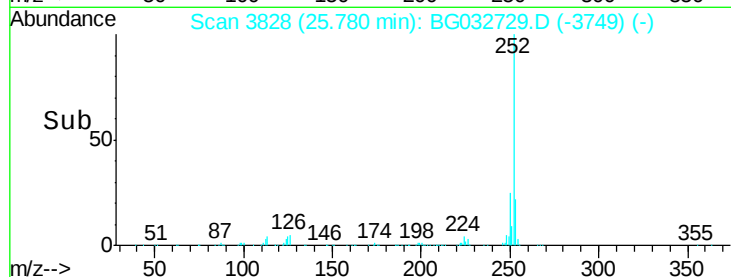
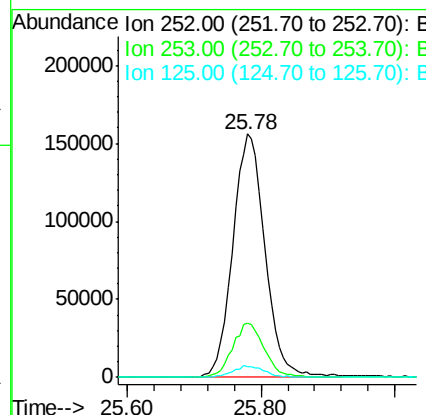
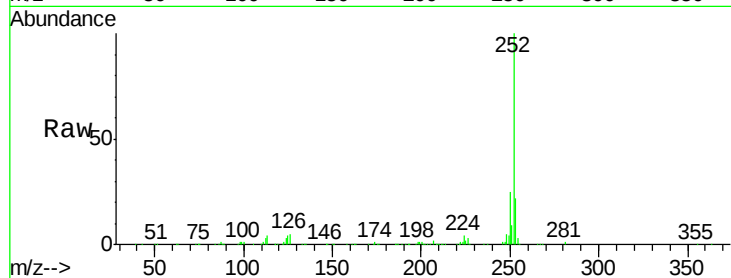




#89
Benzo(a)pyrene
Concen: 42.84 ng
RT: 25.78 min Scan# 3828
Delta R.T. -0.06 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

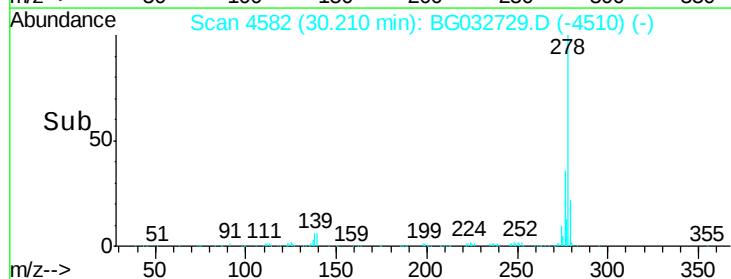
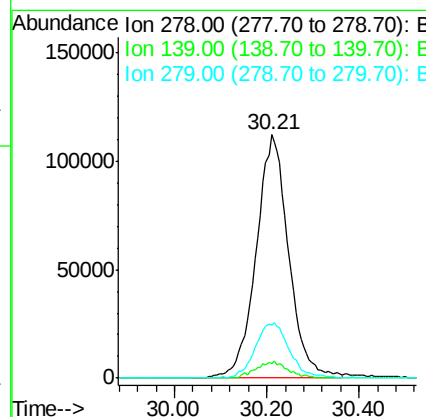
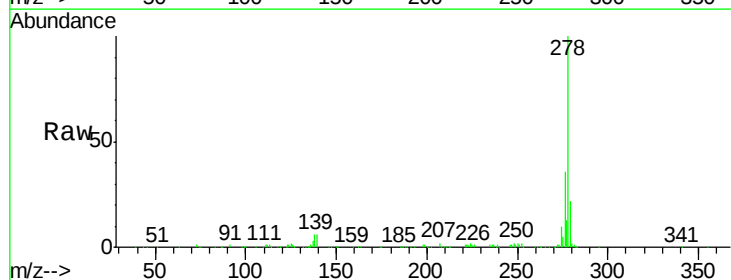
Instrument :
BNA_G
ClientSampleId :

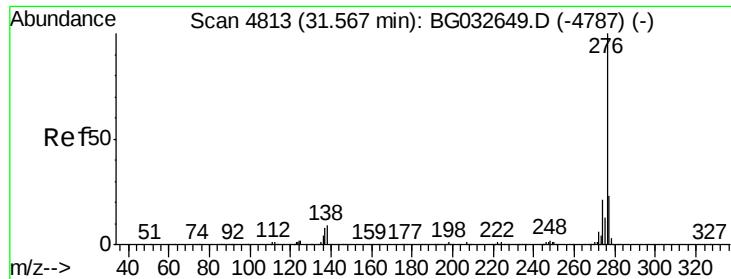
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	4.3	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 44.95 ng
RT: 30.21 min Scan# 4582
Delta R.T. -0.11 min
Lab File: BG032729.D
Acq: 16 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.1	9.8	14.6
279	21.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.16 ng
 RT: 31.46 min Scan# 4795
 Delta R.T. -0.11 min
 Lab File: BG032729.D
 Acq: 16 Feb 2018 00:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 544304
 Ion Ratio Lower Upper
 276 100
 277 22.8 18.3 27.5
 138 8.8 13.9 20.9#

