

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032300.D
 Acq On : 25 Jan 2018 19:17
 Operator : SJ/JU
 Sample : J1281-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 01:22:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36604	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	154716	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	117947	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	316412	20.00	ng	0.00
75) Chrysene-d12	22.42	240	382927	20.00	ng	0.00
86) Perylene-d12	26.10	264	425339	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	274135	136.97	ng	0.00
7) Phenol-d6	7.84	99	325394	129.09	ng	0.00
23) Nitrobenzene-d5	9.92	82	244021	106.71	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	334502	171.39	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	904561	95.09	ng	0.00
78) Terphenyl-d14	20.63	244	1744180	100.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	21925	28.515	ng	# 74
3) Pyridine	4.28	79	54130	26.374	ng	85
4) n-Nitrosodimethylamine	4.18	42	41997	58.246	ng	# 73
6) Aniline	8.02	93	64786	20.377	ng	95
8) 2-Chlorophenol	8.27	128	109506	48.897	ng	82
9) Benzaldehyde	7.82	77	50083	34.293	ng	84
10) Phenol	7.87	94	104524	42.096	ng	91
11) bis(2-Chloroethyl)ether	8.11	93	81899	41.171	ng	# 81
12) 1,3-Dichlorobenzene	8.61	146	120045	40.956	ng	94
13) 1,4-Dichlorobenzene	8.76	146	122947	41.660	ng	98
14) 1,2-Dichlorobenzene	9.09	146	122026	42.750	ng	99
15) Benzyl Alcohol	8.96	79	101187	55.259	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	84910	42.001	ng	72
17) 2-Methylphenol	9.16	107	87824	46.282	ng	96
18) Hexachloroethane	9.85	117	41618	45.885	ng	# 78
19) n-Nitroso-di-n-propylamine	9.54	70	76850	49.139	ng	# 90
20) 3+4-Methylphenols	9.50	107	120823	45.962	ng	91
22) Acetophenone	9.56	105	167575	47.683	ng	# 91
24) Nitrobenzene	9.96	77	118674	52.025	ng	93
25) Isophorone	10.49	82	223264	52.431	ng	# 85
26) 2-Nitrophenol	10.69	139	70937	52.483	ng	# 84
27) 2,4-Dimethylphenol	10.73	122	118169	55.093	ng	97
28) bis(2-Chloroethoxy)methane	10.97	93	128374	50.037	ng	# 91
29) 2,4-Dichlorophenol	11.23	162	151245	57.307	ng	88
30) 1,2,4-Trichlorobenzene	11.46	180	159021	46.655	ng	99
31) Naphthalene	11.66	128	363315	47.404	ng	99
32) Benzoic acid	10.88	122	93867	53.836	ng	# 78
33) 4-Chloroaniline	11.75	127	44640	13.582	ng	# 90
34) Hexachlorobutadiene	11.92	225	119716	48.901	ng	97
35) Caprolactam	12.51	113	34915	43.607	ng	# 50
36) 4-Chloro-3-methylphenol	12.83	107	145286	60.142	ng	# 85
37) 2-Methylnaphthalene	13.22	142	305622	50.227	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	238083	46.308	ng	# 96
40) Hexachlorocyclopentadiene	13.55	237	291639	100.712	ng	91

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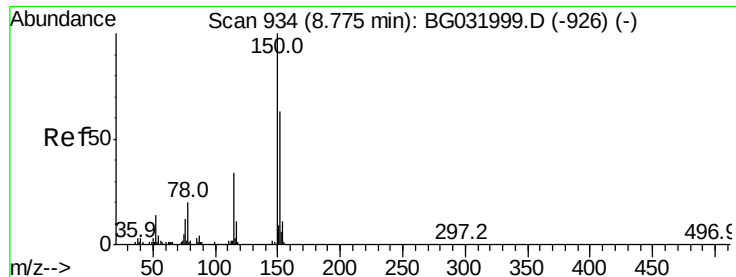
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 01:22:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.80	196	156499	54.174	nq	96
43) 2,4,5-Trichlorophenol	13.88	196	172897	51.707	nq	# 92
45) 1,1'-Biphenyl	14.20	154	449637	44.469	nq	94
46) 2-Chloronaphthalene	14.25	162	353388	44.926	nq	97
47) 2-Nitroaniline	14.44	65	89087	59.161	nq	# 77
48) Acenaphthylene	15.09	152	544083	45.423	nq	99
49) Dimethylphthalate	14.79	163	512124	49.618	nq	# 98
50) 2,6-Dinitrotoluene	14.92	165	112188	52.367	nq	# 76
51) Acenaphthene	15.42	154	428753	54.132	nq	97
52) 3-Nitroaniline	15.24	138	45183	23.351	nq	# 74
53) 2,4-Dinitrophenol	15.45	184	140854	126.621	nq	# 55
54) Dibenzofuran	15.75	168	595397	50.391	nq	98
55) 4-Nitrophenol	15.54	139	146359	103.792	nq	# 78
56) 2,4-Dinitrotoluene	15.70	165	163319	56.623	nq	# 72
57) Fluorene	16.40	166	483397	49.884	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	189828	61.368	nq	# 85
59) Diethylphthalate	16.13	149	505089	50.478	nq	98
60) 4-Chlorophenyl-phenylether	16.37	204	311659	52.429	nq	93
61) 4-Nitroaniline	16.41	138	90029	48.504	nq	85
62) Azobenzene	16.67	77	319362	50.993	nq	85
64) 4,6-Dinitro-2-methylphenol	16.46	198	104528	51.245	nq	# 68
65) n-Nitrosodiphenylamine	16.58	169	450649	46.936	nq	99
66) 4-Bromophenyl-phenylether	17.27	248	226722	50.361	nq	96
67) Hexachlorobenzene	17.40	284	232814	46.743	nq	# 91
68) Atrazine	17.51	200	205645	50.930	nq	95
69) Pentachlorophenol	17.73	266	299235	93.992	nq	99
70) Phenanthrene	18.14	178	826373	46.909	nq	99
71) Anthracene	18.22	178	854100	48.610	nq	99
72) Carbazole	18.48	167	724778	47.551	nq	99
73) Di-n-butylphthalate	18.99	149	808774	44.905	nq	100
74) Fluoranthene	20.10	202	1058456	47.988	nq	94
76) Benzidine	20.26	184	105120	10.978	nq	99
77) Pyrene	20.46	202	1069336	44.422	nq	98
79) Butylbenzylphthalate	21.31	149	373830	43.344	nq	# 78
80) Benzo(a)anthracene	22.40	228	1157013	48.585	nq	100
81) 3,3'-Dichlorobenzidine	22.29	252	237855	26.737	nq	# 96
82) Chrysene	22.48	228	1089349	47.631	nq	97
83) Bis(2-ethylhexyl)phthalate	22.24	149	529248	41.846	nq	# 95
84) Di-n-octyl phthalate	23.61	149	922819	45.941	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.37	276	1482649	52.973	nq	# 87
87) Benzo(b)fluoranthene	24.92	252	1255914	48.850	nq	# 95
88) Benzo(k)fluoranthene	25.00	252	1207051	48.047	nq	# 95
89) Benzo(a)pyrene	25.93	252	1220191	50.172	nq	# 95
90) Dibenzo(a,h)anthracene	30.45	278	1236685	52.769	nq	# 94
91) Benzo(g,h,i)perylene	31.71	276	1245513	51.997	nq	# 90

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

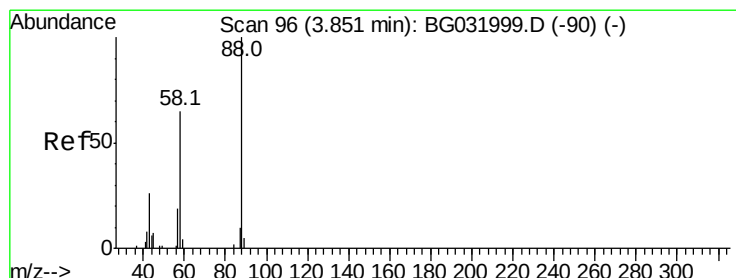
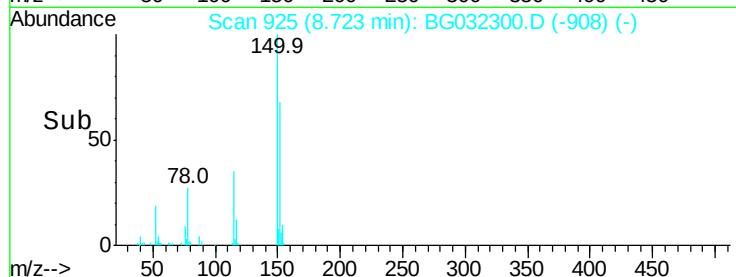
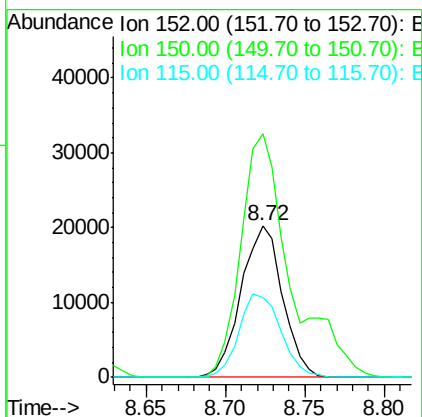
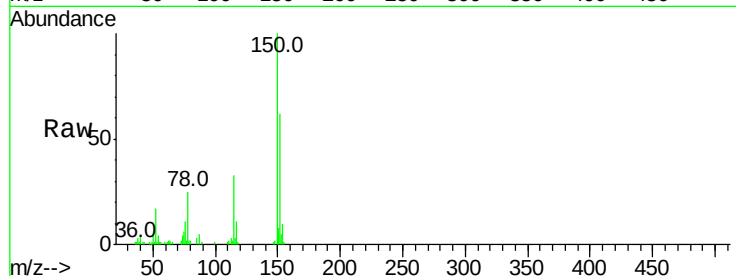


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

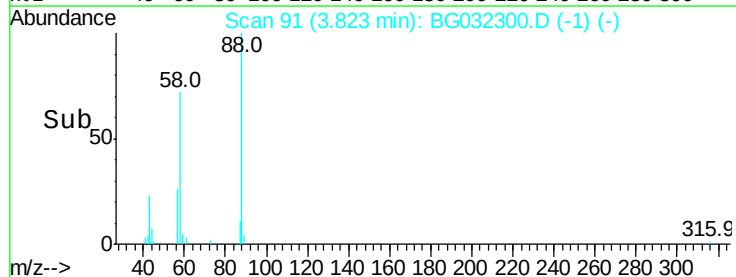
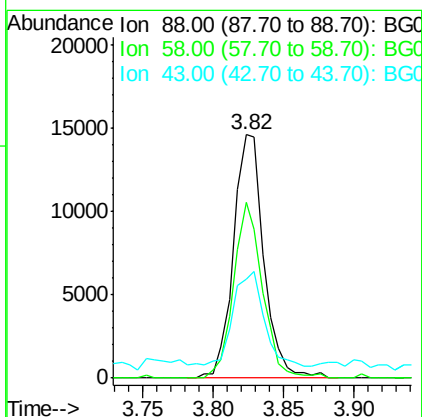
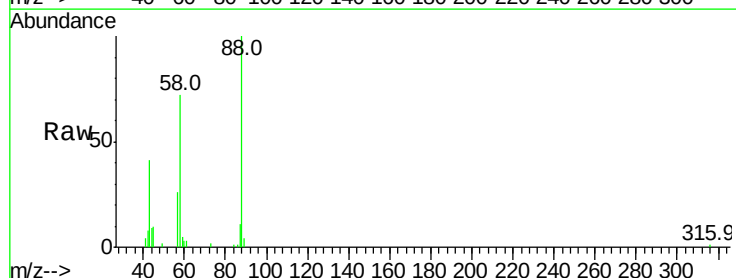
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	52.5	53.0	79.4#

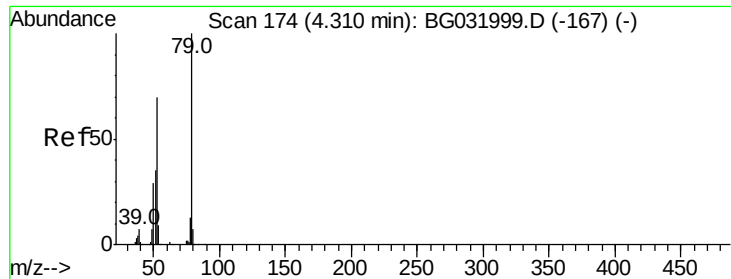


#2

1,4-Dioxane
Concen: 28.515 ng
RT: 3.82 min Scan# 91
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	79.6	119.4#
43	40.7	27.4	41.0





#3

Pvridine

Concen: 26.374 ng

RT: 4.28 min Scan# 168

Delta R.T. 0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

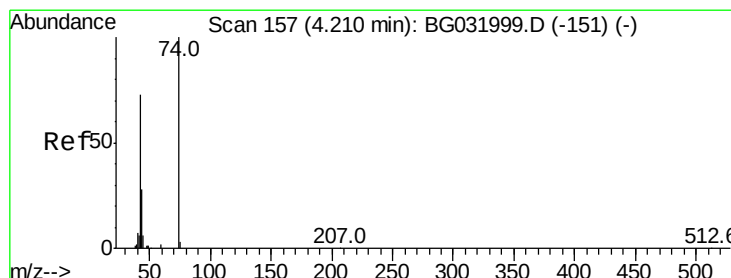
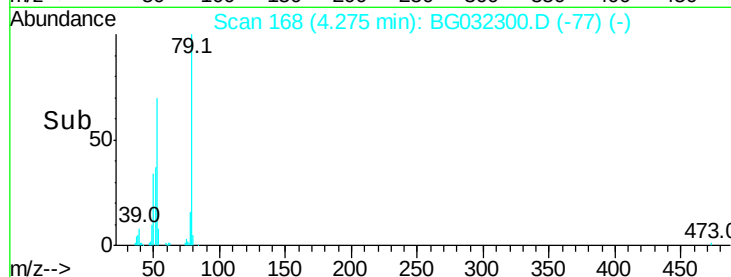
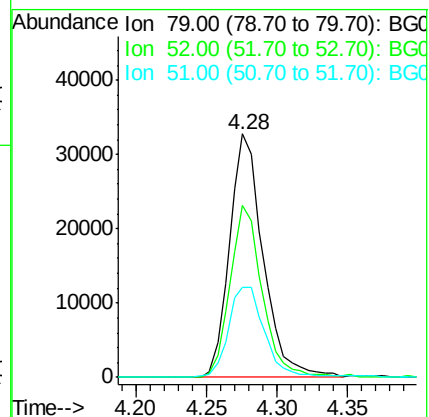
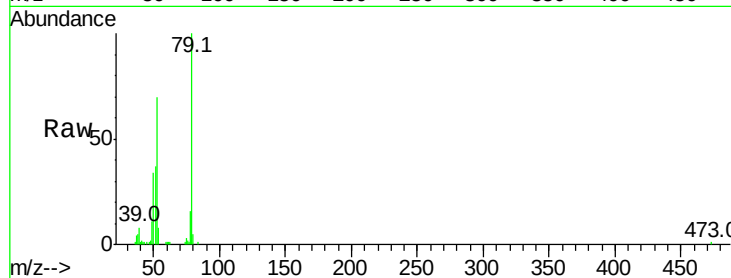
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 54130

Ion	Ratio	Lower	Upper
79	100		
52	70.4	69.9	104.9
51	37.2	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 58.246 ng

RT: 4.18 min Scan# 151

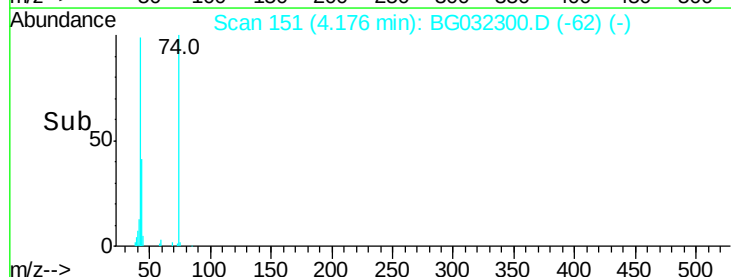
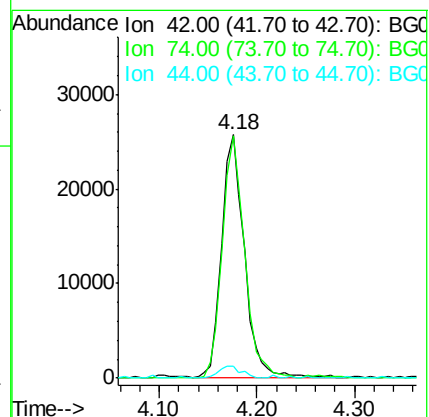
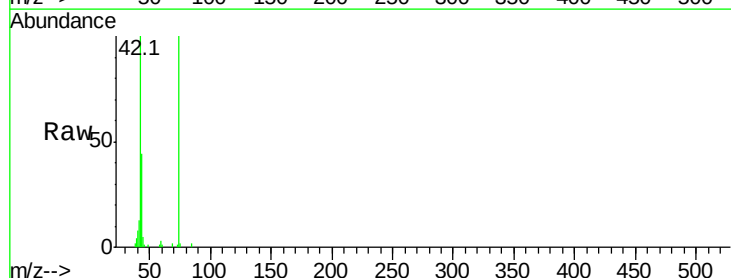
Delta R.T. -0.01 min

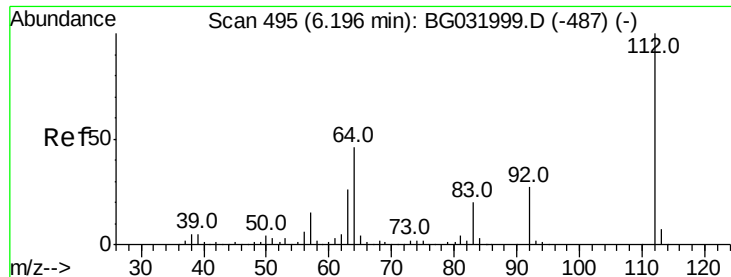
Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion: 42 Resp: 41997

Ion	Ratio	Lower	Upper
42	100		
74	99.7	102.5	153.7#
44	5.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.973 ng

RT: 6.16 min Scan# 488

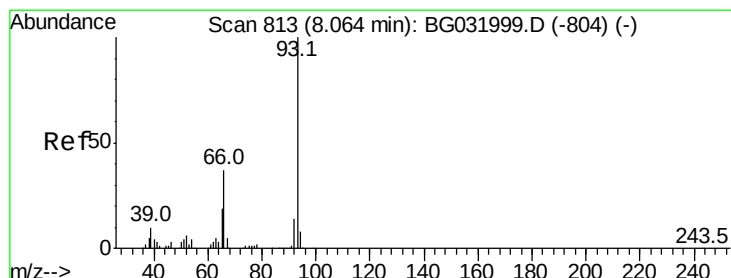
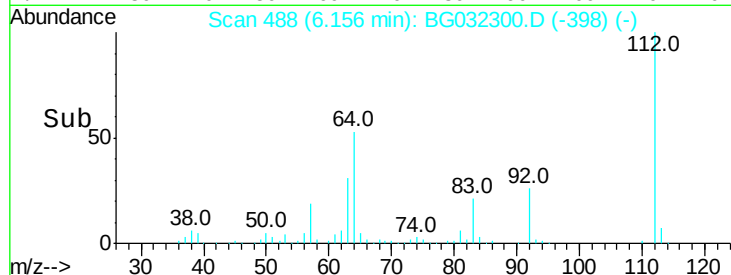
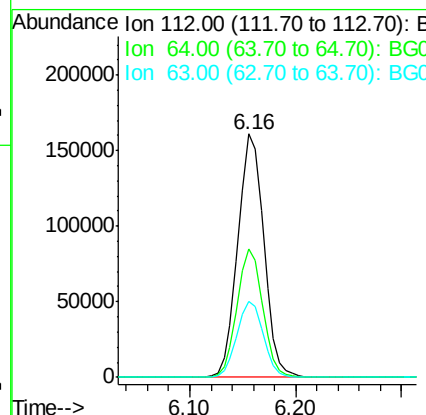
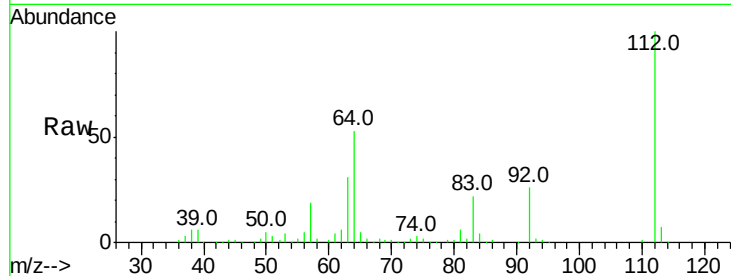
Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	274135
Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	31.3	30.1	45.1



#6

Aniline

Concen: 20.377 ng

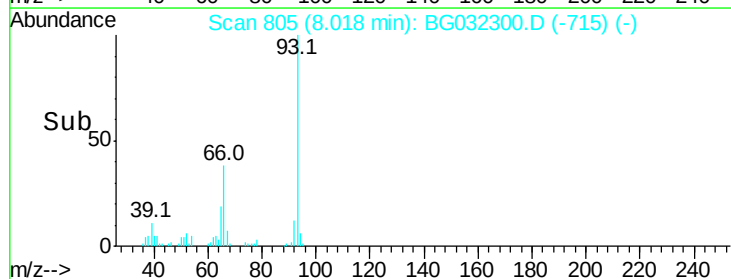
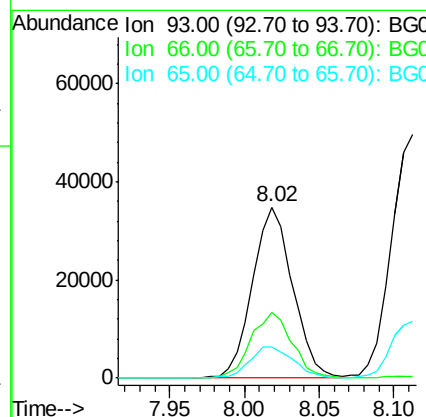
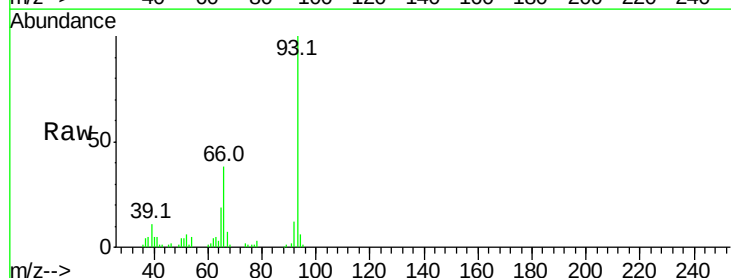
RT: 8.02 min Scan# 805

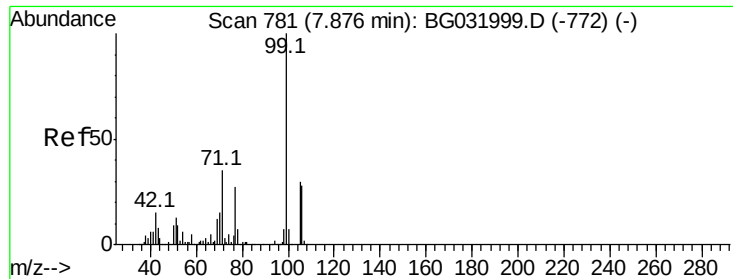
Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	93	Resp:	64786
Ion	Ratio	Lower	Upper
93	100		
66	38.0	33.7	50.5
65	18.5	16.1	24.1





#7

Phenol-d6

Concen: 129.093 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

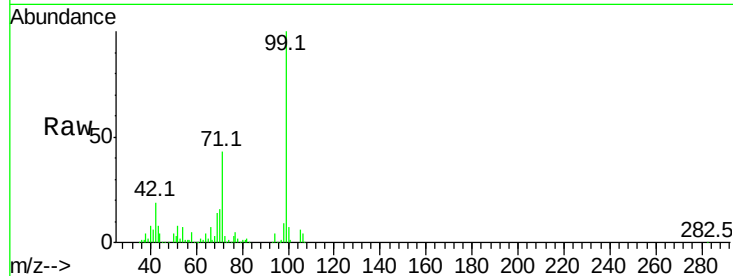
Tot Ion: 99 Resp: 325394

Ion Ratio Lower Upper

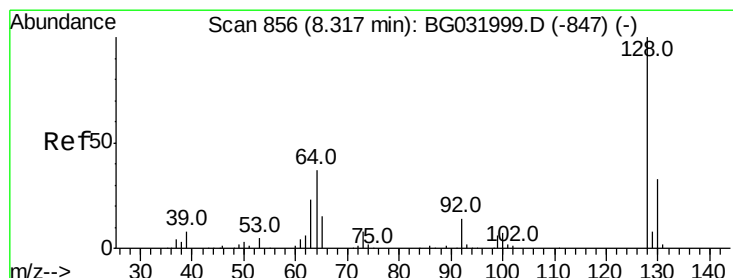
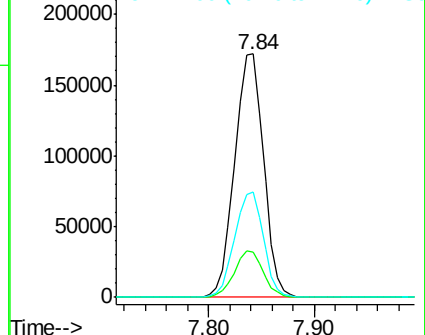
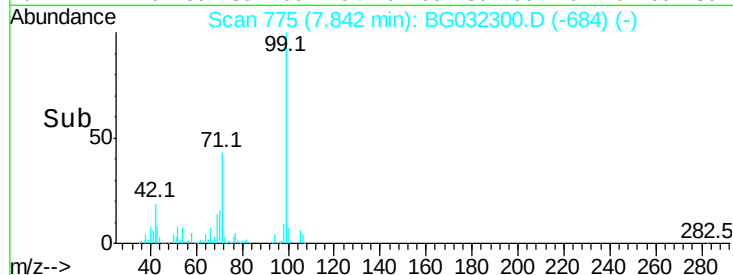
99 100

42 18.8 14.1 21.1

71 43.2 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 48.897 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

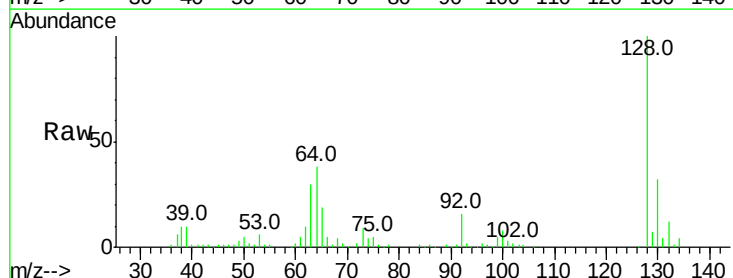
Tgt Ion: 128 Resp: 109506

Ion Ratio Lower Upper

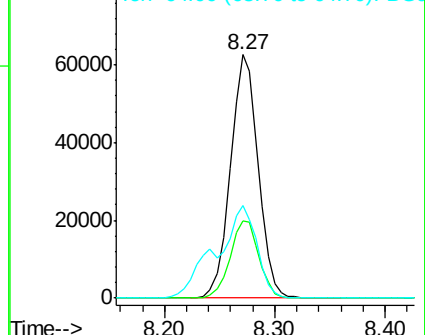
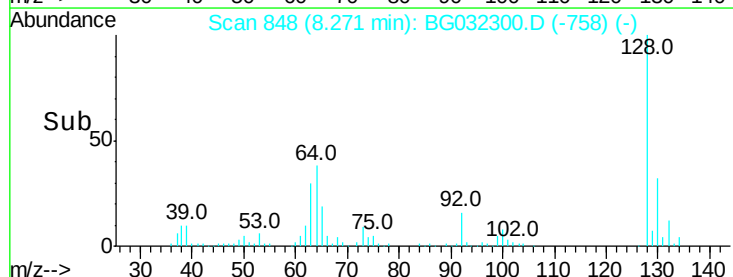
128 100

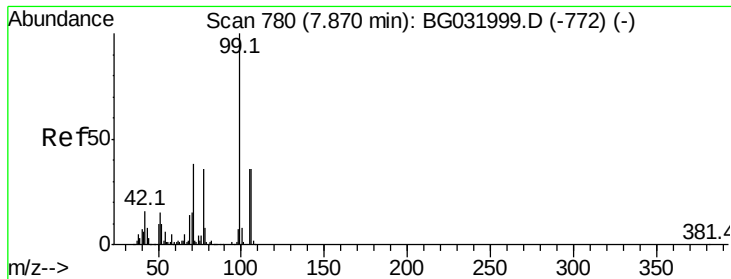
130 31.7 14.0 54.0

64 37.9 37.7 77.7



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





#9

Benzaldehyde

Concen: 34.293 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

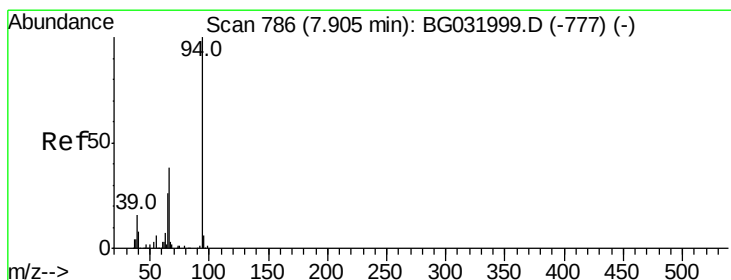
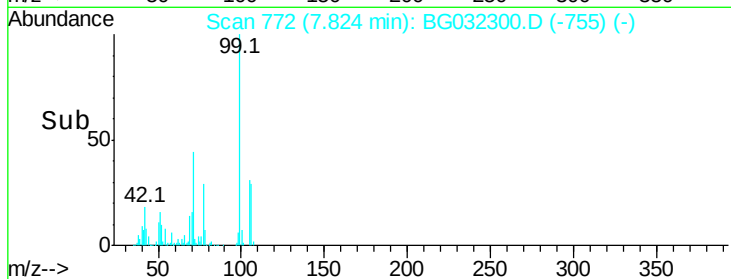
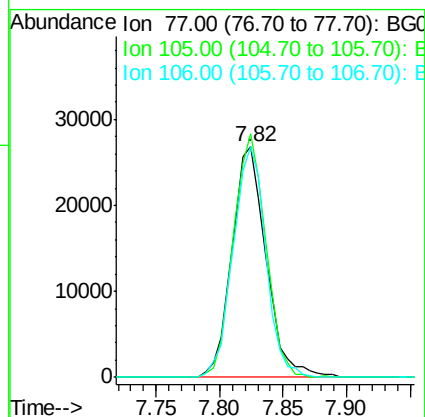
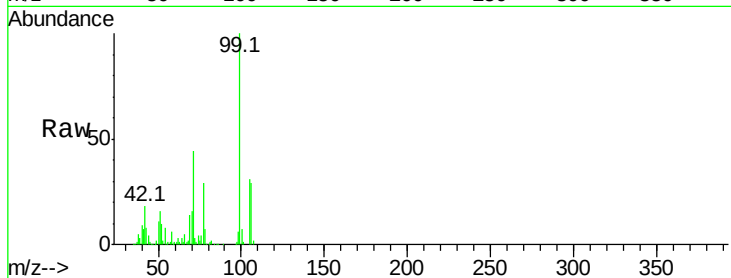
Tot Ion: 77 Resp: 50083

Ion Ratio Lower Upper

77 100

105 105.6 71.3 111.3

106 100.1 64.2 104.2



#10

Phenol

Concen: 42.096 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

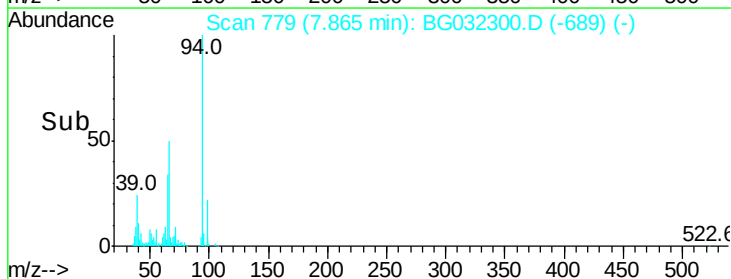
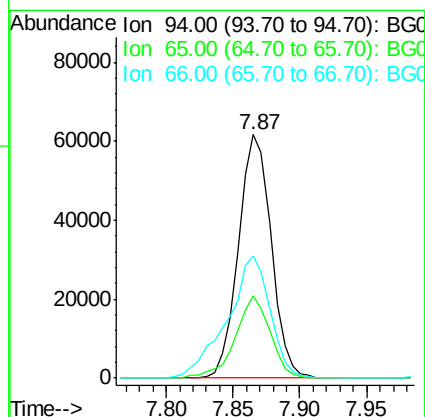
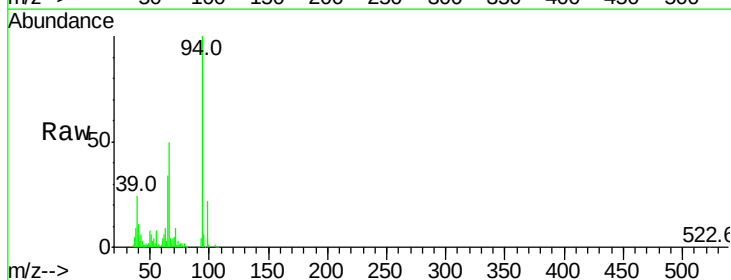
Tgt Ion: 94 Resp: 104524

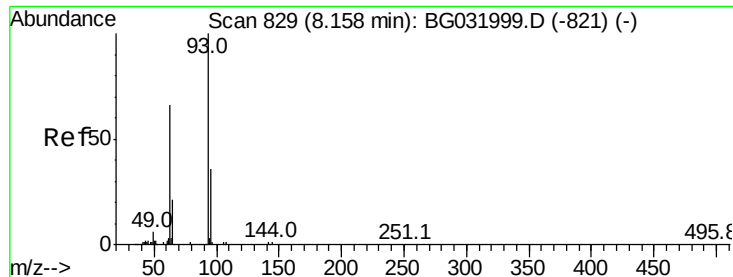
Ion Ratio Lower Upper

94 100

65 33.6 11.9 51.9

66 50.2 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.171 ng

RT: 8.11 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

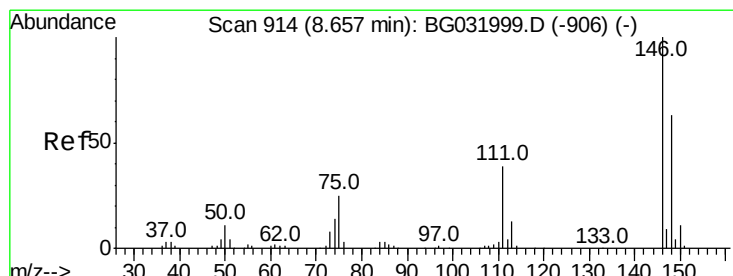
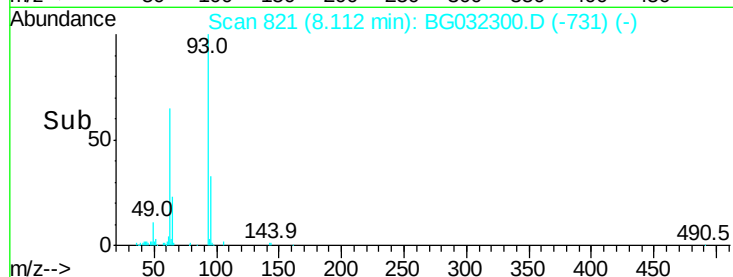
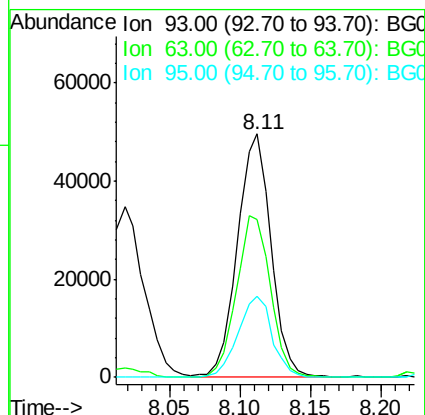
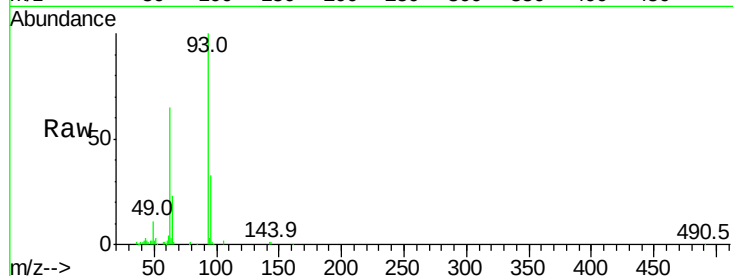
Tot Ion: 93 Resp: 81899

Ion Ratio Lower Upper

93 100

63 64.7 67.1 107.1#

95 33.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 40.956 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

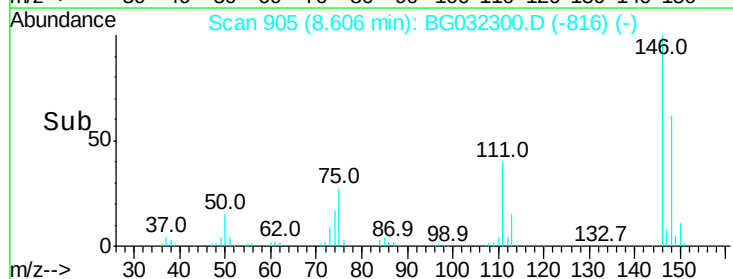
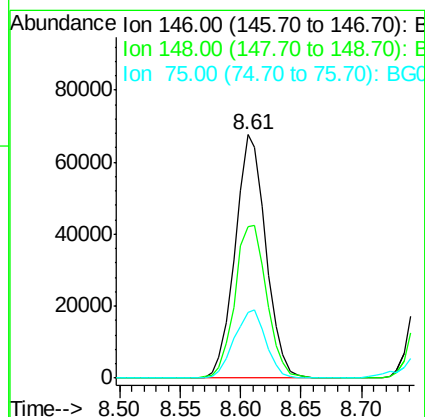
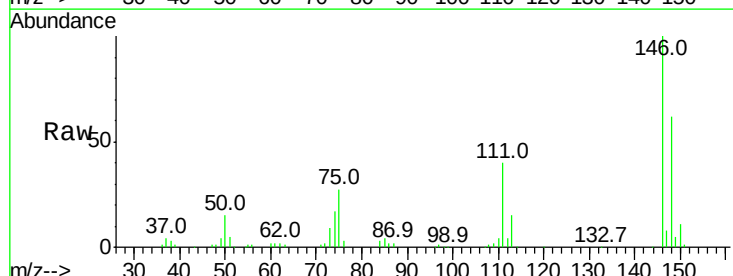
Tgt Ion: 146 Resp: 120045

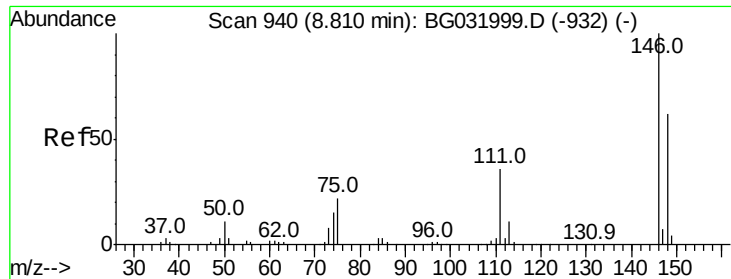
Ion Ratio Lower Upper

146 100

148 62.1 51.4 77.2

75 26.8 26.6 39.8

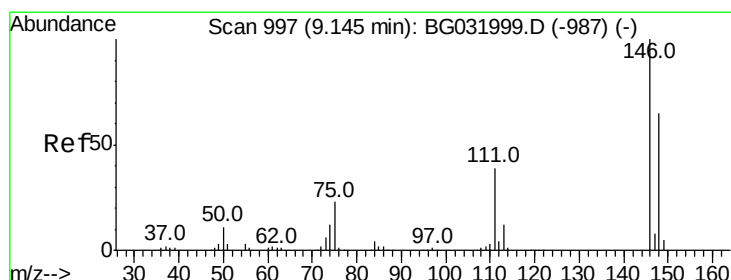
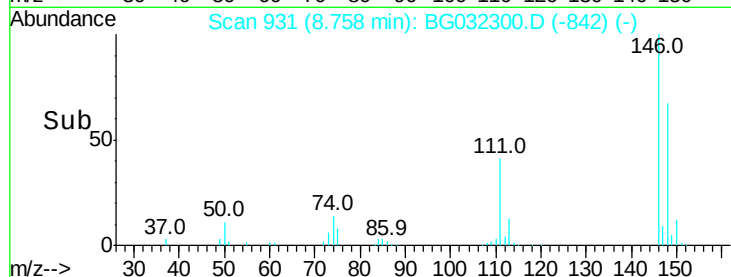
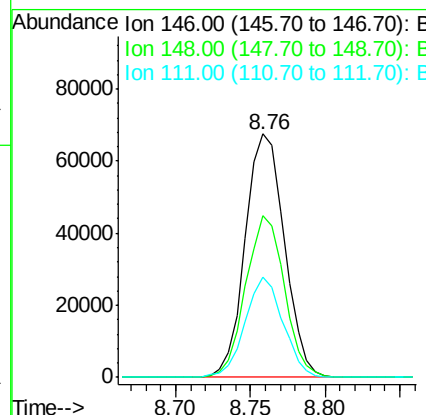
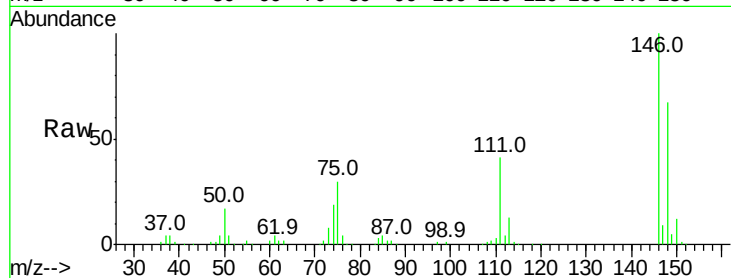




#13
 1,4-Dichlorobenzene
 Concen: 41.660 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

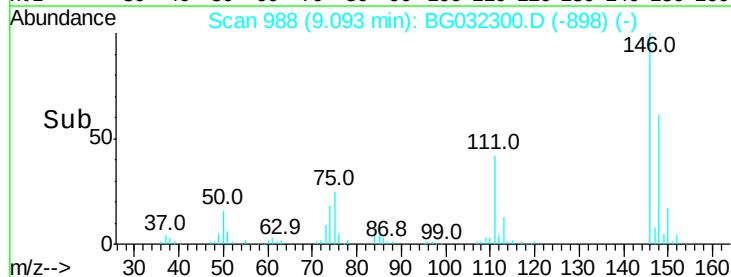
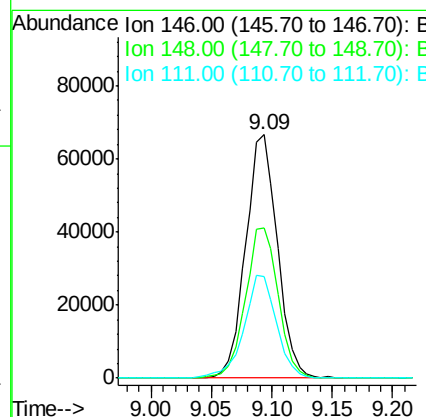
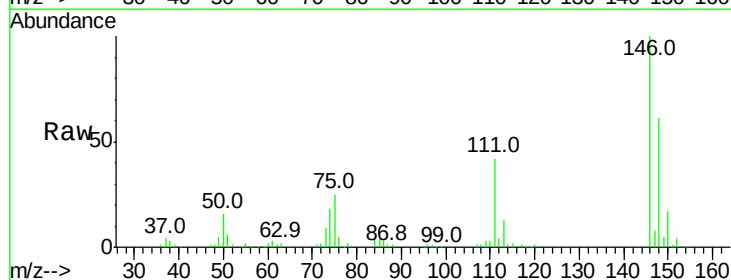
Instrument :
 BNA_G
 ClientSampleId :

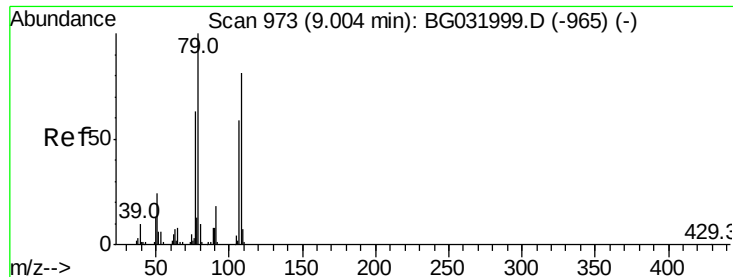
Tot Ion:146 Resp: 122947
 Ion Ratio Lower Upper
 146 100
 148 66.6 53.7 80.5
 111 41.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.750 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:146 Resp: 122026
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.3 73.9
 111 41.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 55.259 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

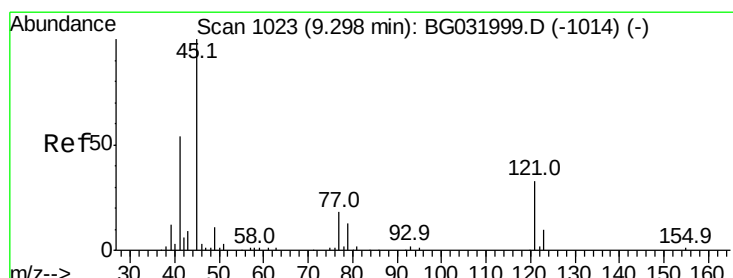
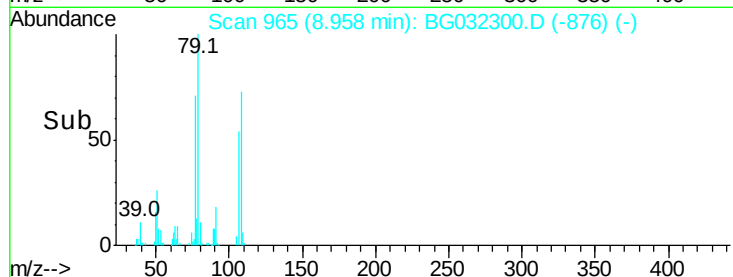
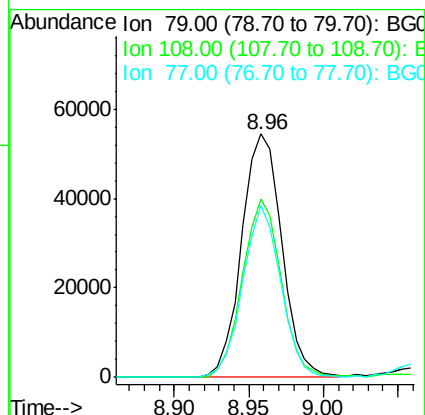
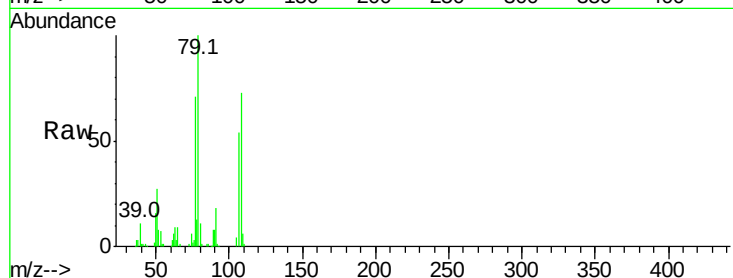
Tot Ion: 79 Resp: 101187

Ion Ratio Lower Upper

79 100

108 73.1 57.2 85.8

77 70.7 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.001 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

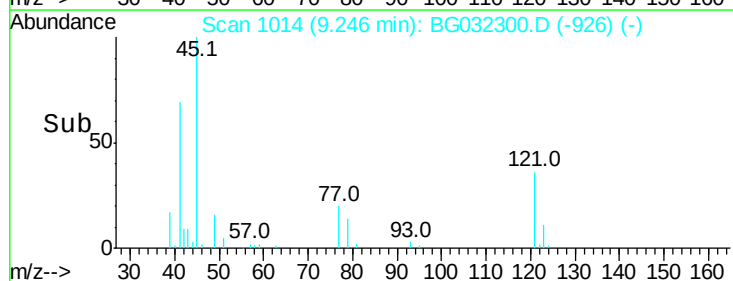
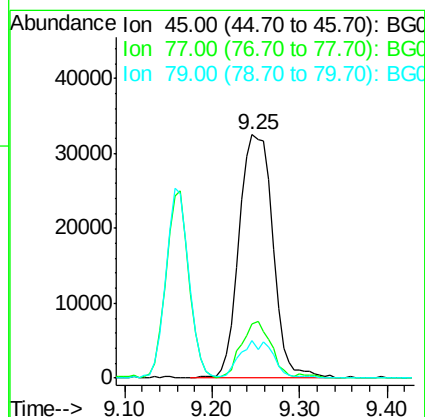
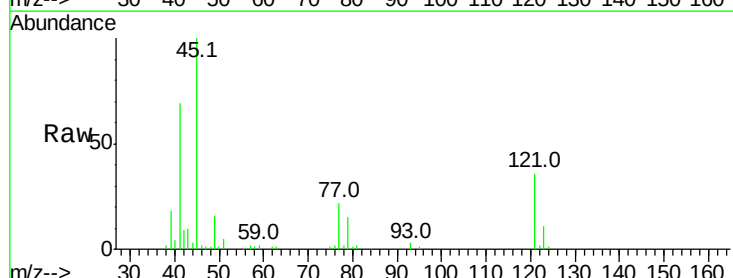
Tgt Ion: 45 Resp: 84910

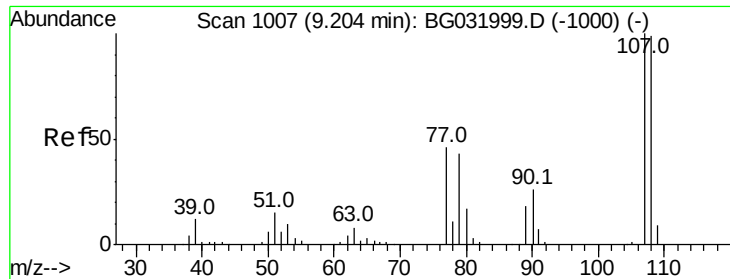
Ion Ratio Lower Upper

45 100

77 22.4 0.0 30.2

79 15.2 0.0 27.9





#17

2-Methylphenol

Concen: 46.282 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 87824

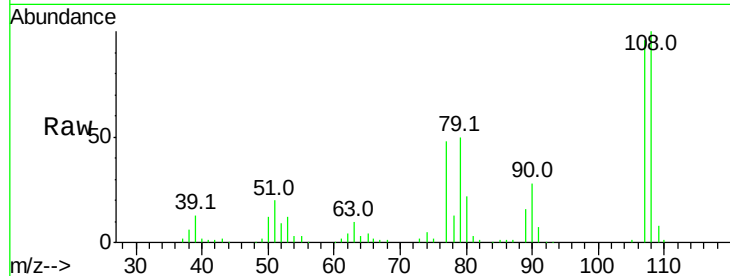
Ion Ratio Lower Upper

107 100

108 104.4 83.9 125.9

77 50.6 37.2 55.8

79 52.6 36.2 54.2

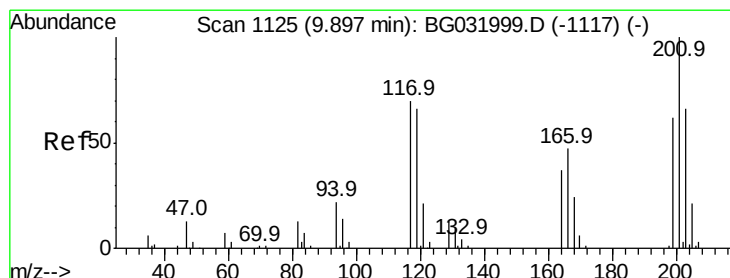
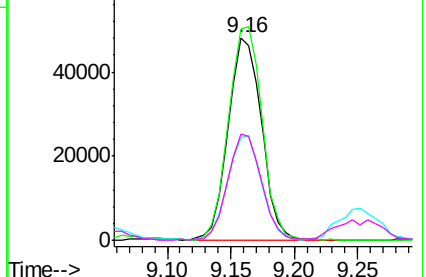
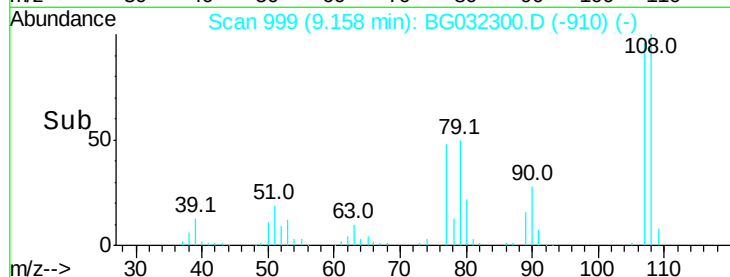


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.885 ng

RT: 9.85 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

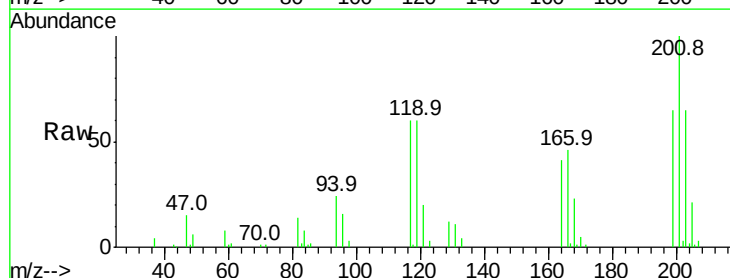
Tgt Ion:117 Resp: 41618

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

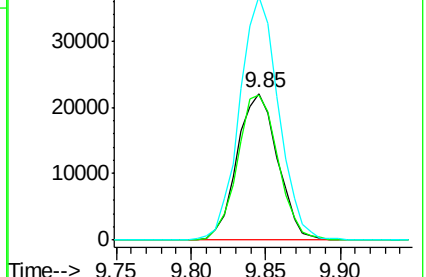
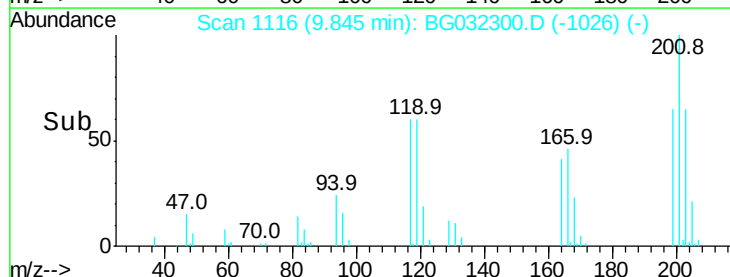
201 162.3 95.7 143.5#

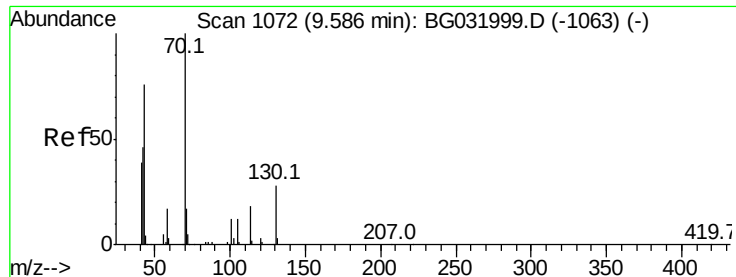


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

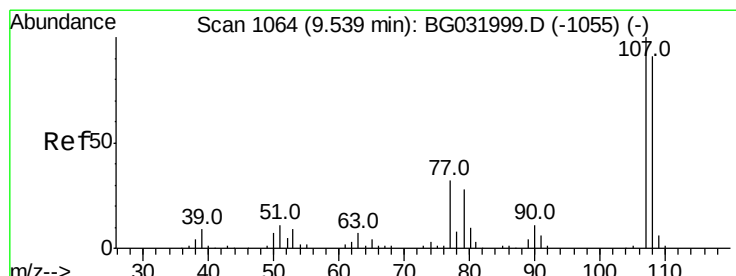
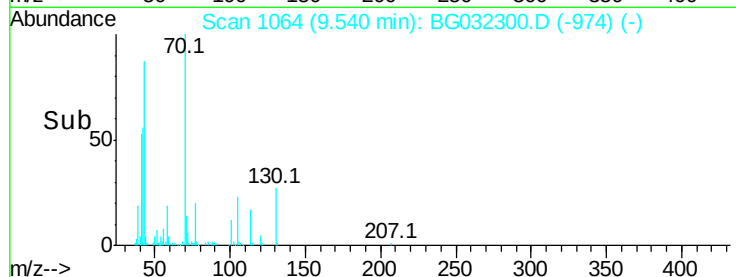
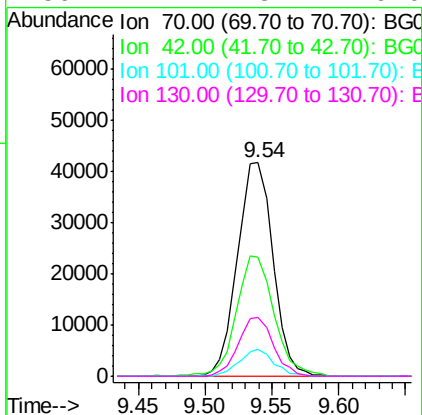
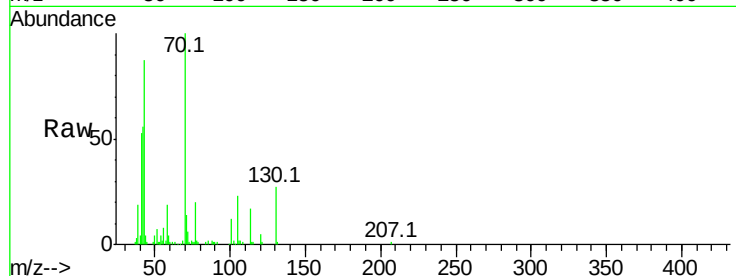




#19
 n-Nitroso-di-n-propylamine
 Concen: 49.139 ng
 RT: 9.54 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

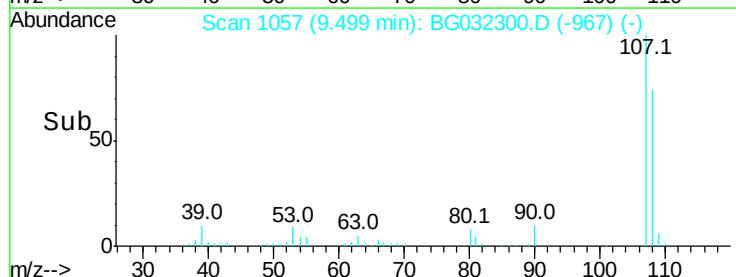
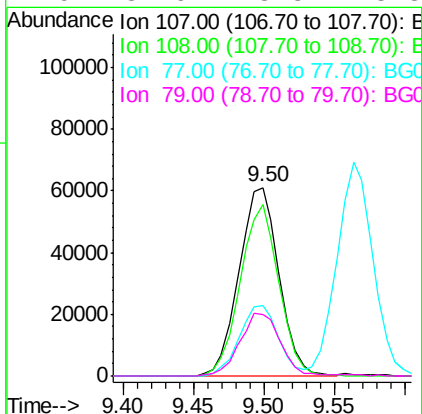
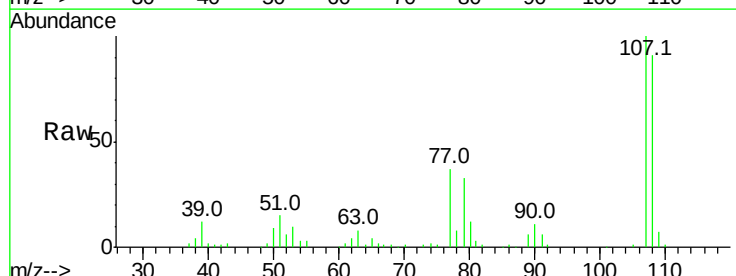
Instrument :
 BNA_G
 ClientSampleId :

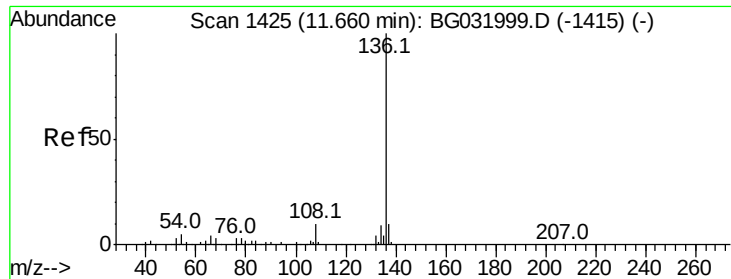
Tot Ion: 70 Resp: 76850
 Ion Ratio Lower Upper
 70 100
 42 55.8 49.1 73.7
 101 12.4 8.5 12.7
 130 27.4 13.4 20.0#



#20
 3+4-Methylphenols
 Concen: 45.962 ng
 RT: 9.50 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion: 107 Resp: 120823
 Ion Ratio Lower Upper
 107 100
 108 91.2 61.6 101.6
 77 37.4 13.9 53.9
 79 32.9 8.8 48.8

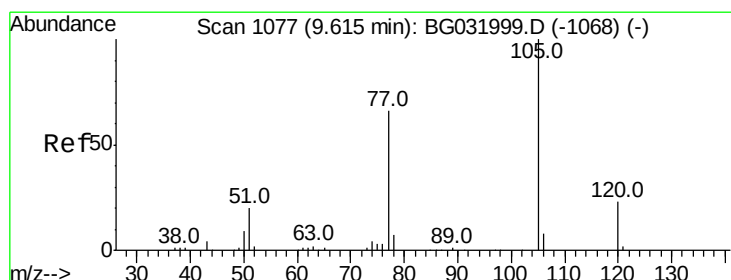
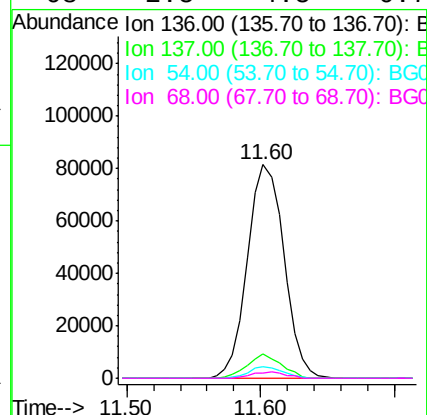
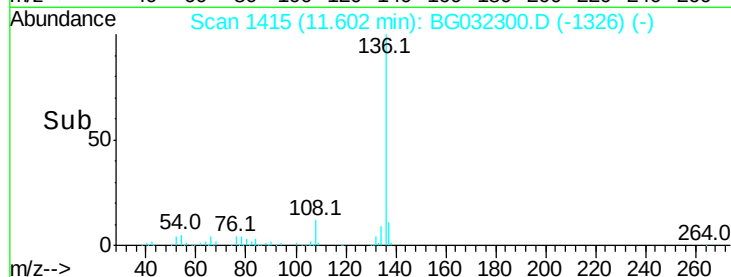
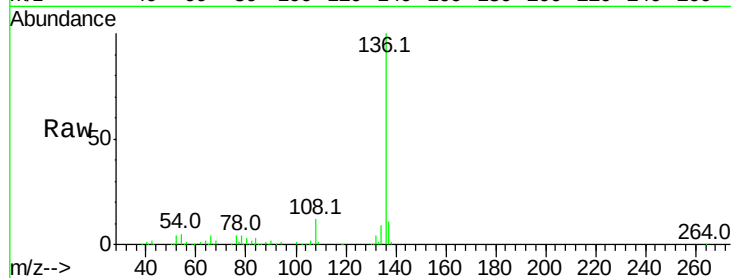




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

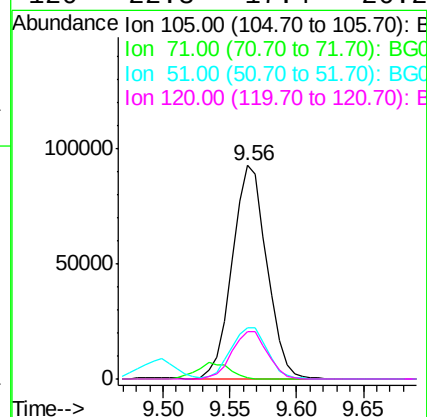
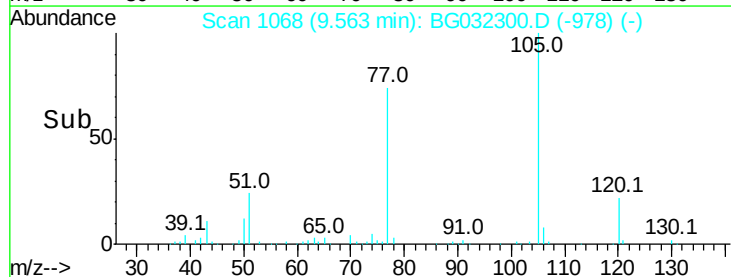
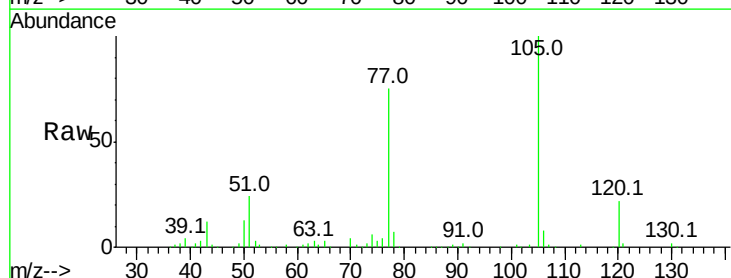
Instrument :
BNA_G
ClientSampleId :

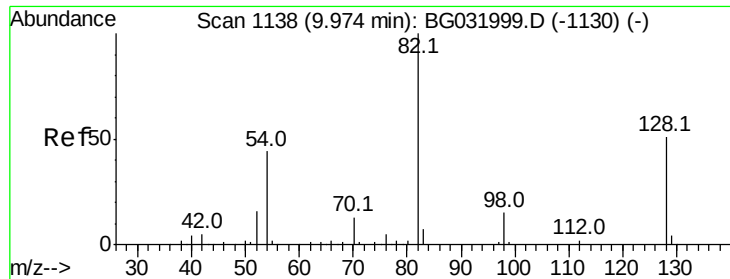
Tot Ion:136	Resp:	154716
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.2 13.8
54	5.2	10.3 15.5#
68	2.5	4.5 6.7#



#22
Acetophenone
Concen: 47.683 ng
RT: 9.56 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion:105	Resp:	167575
Ion	Ratio	Lower Upper
105	100	
71	0.9	3.0 4.4#
51	24.1	26.1 39.1#
120	22.3	17.4 26.2

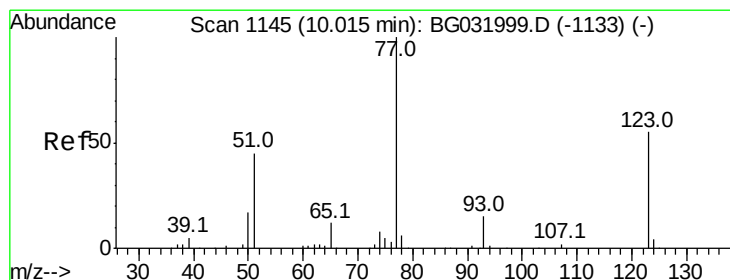
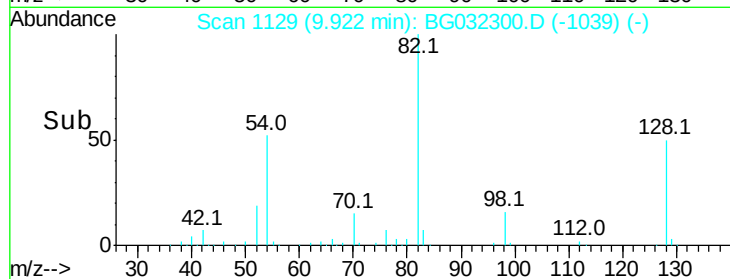
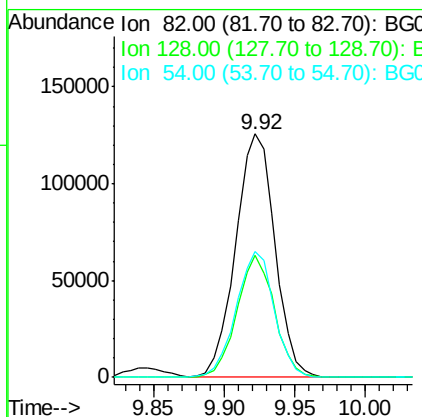
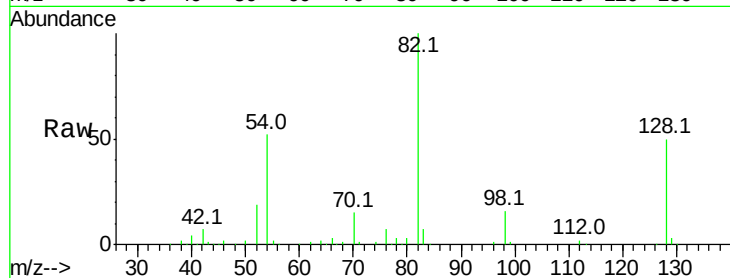




#23
 Nitrobenzene-d5
 Concen: 106.706 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

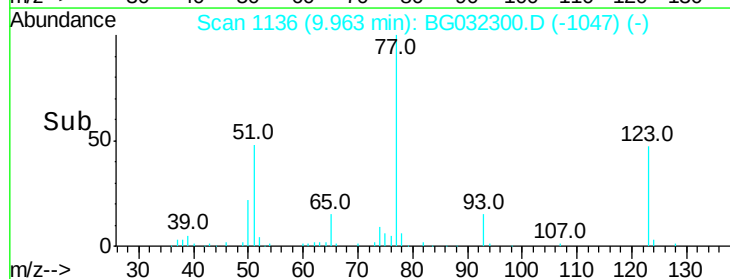
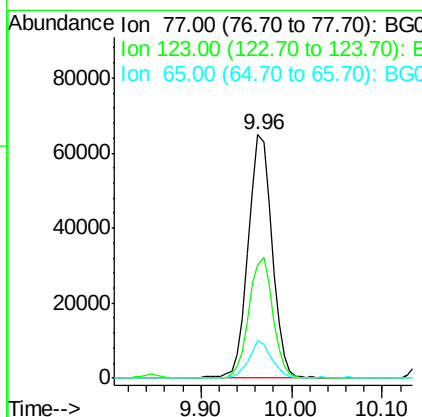
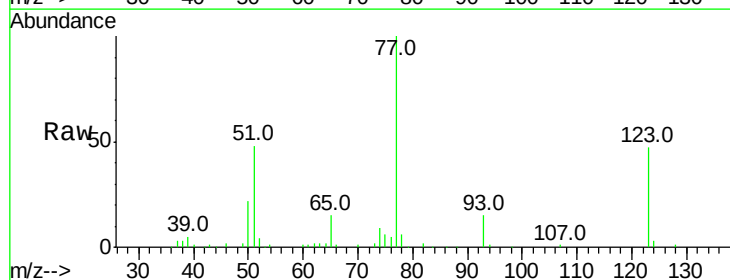
Instrument :
 BNA_G
 ClientSampled :

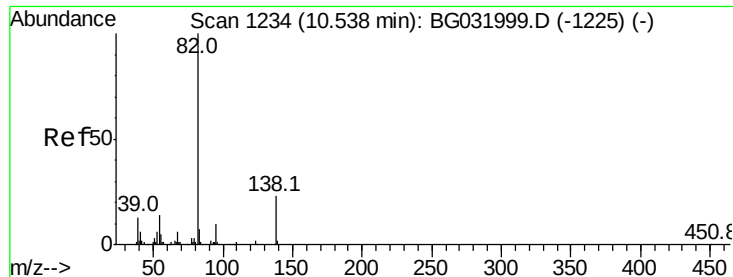
Tot Ion: 82 Resp: 244021
 Ion Ratio Lower Upper
 82 100
 128 50.0 29.7 44.5#
 54 51.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 52.025 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion: 77 Resp: 118674
 Ion Ratio Lower Upper
 77 100
 123 46.7 33.0 49.6
 65 15.2 13.0 19.6





#25

Isophorone

Concen: 52.431 ng

RT: 10.49 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

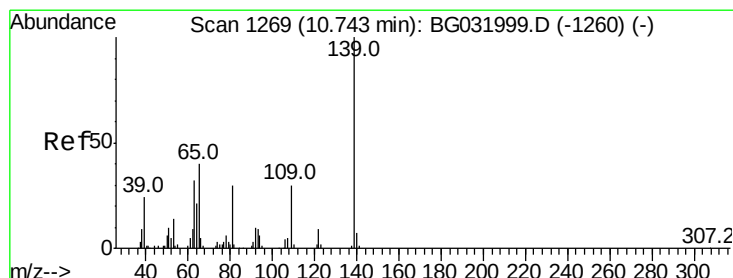
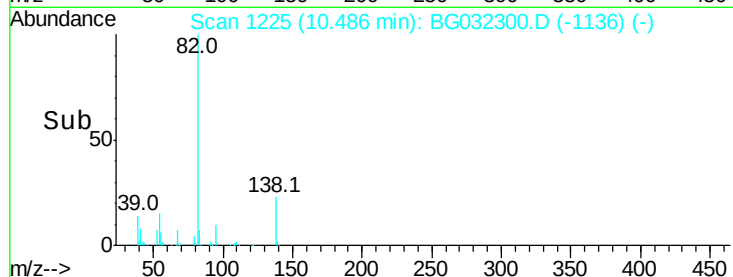
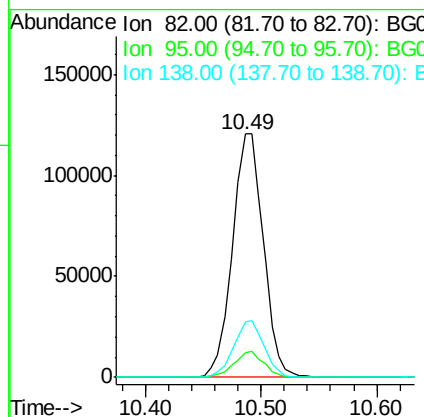
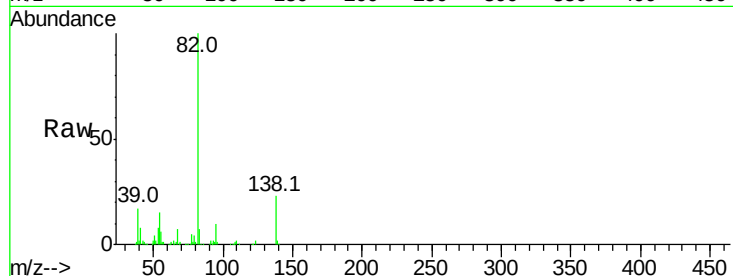
Tot Ion: 82 Resp: 223264

Ion Ratio Lower Upper

82 100

95 10.2 6.2 9.2#

138 22.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.483 ng

RT: 10.69 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

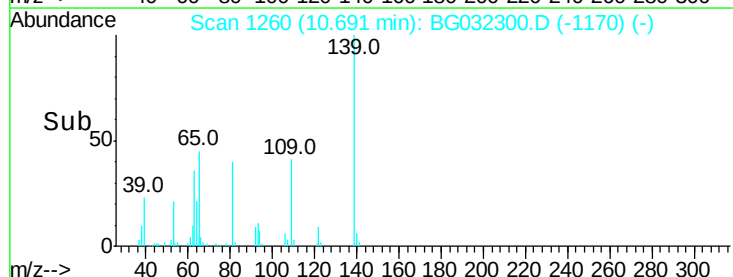
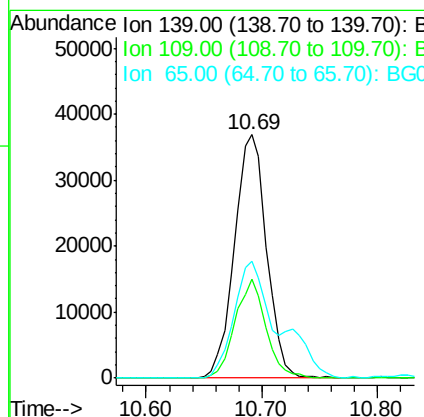
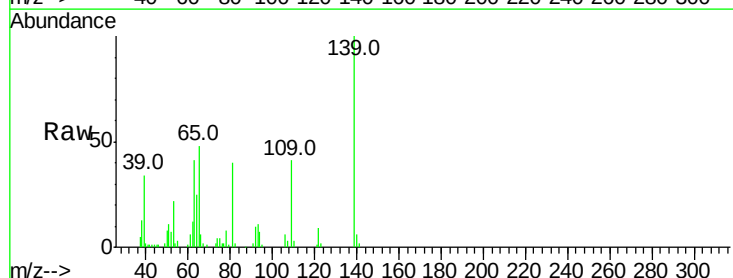
Tgt Ion: 139 Resp: 70937

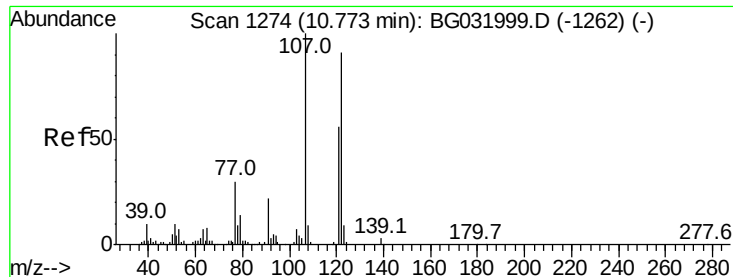
Ion Ratio Lower Upper

139 100

109 40.9 24.2 36.2#

65 48.2 47.4 71.0

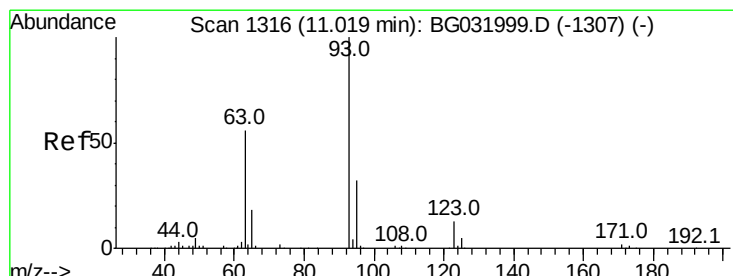
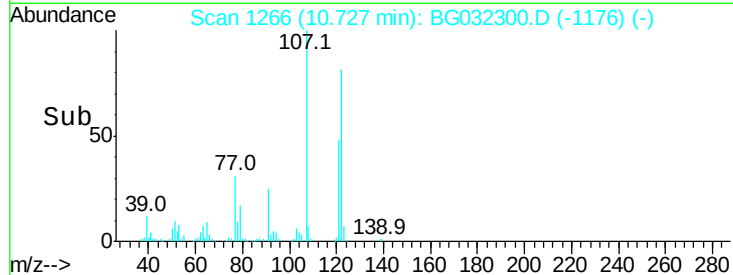
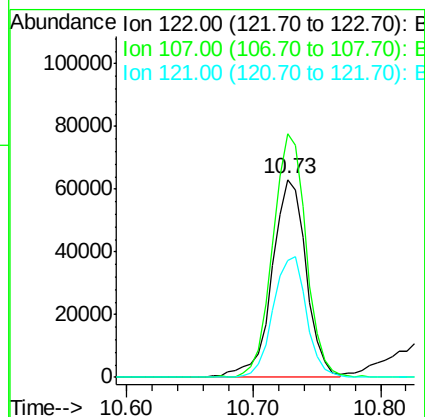
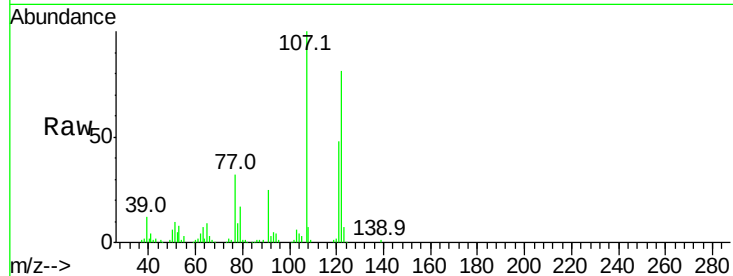




#27
2,4-Dimethylphenol
Concen: 55.093 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

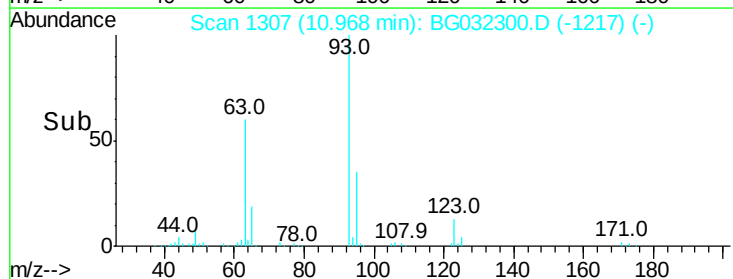
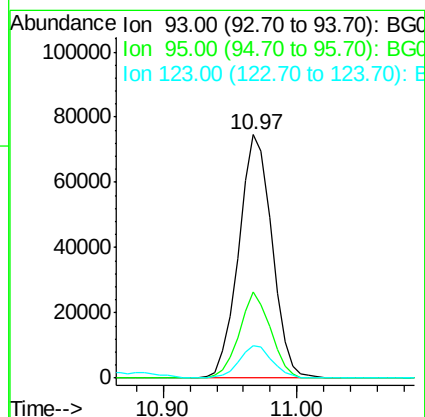
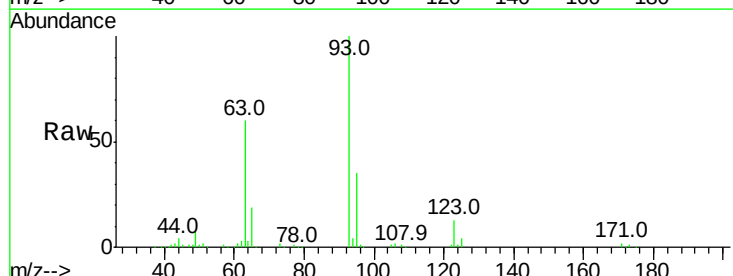
Instrument :
BNA_G
ClientSampleId :

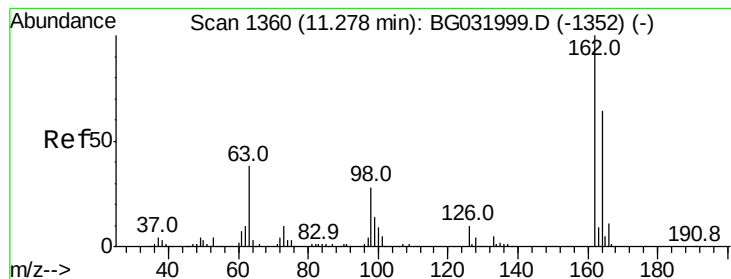
Tot Ion:122 Resp: 118169
Ion Ratio Lower Upper
122 100
107 123.1 100.2 150.2
121 59.1 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.037 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion: 93 Resp: 128374
Ion Ratio Lower Upper
93 100
95 35.4 24.3 36.5
123 13.2 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 57.307 ng

RT: 11.23 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

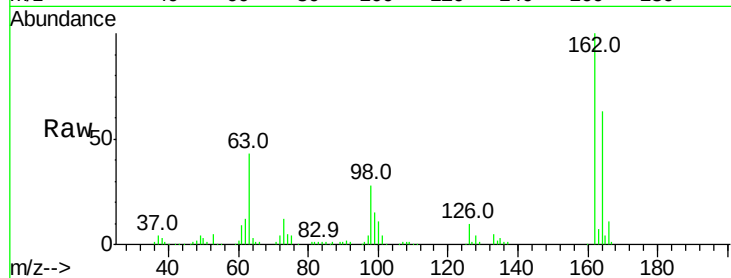
Tot Ion:162 Resp: 151245

Ion Ratio Lower Upper

162 100

164 63.2 48.0 88.0

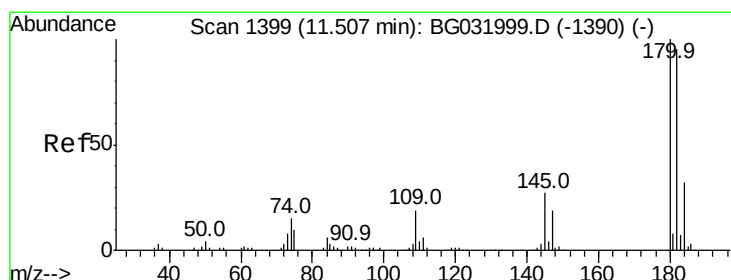
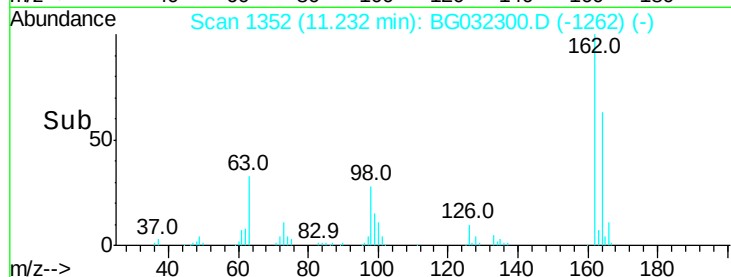
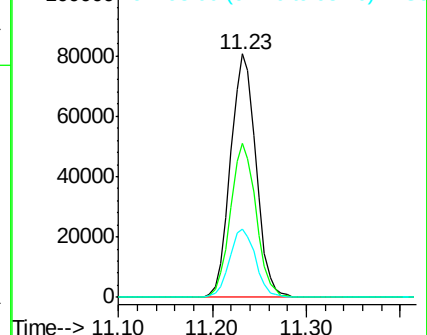
98 27.9 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 46.655 ng

RT: 11.46 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

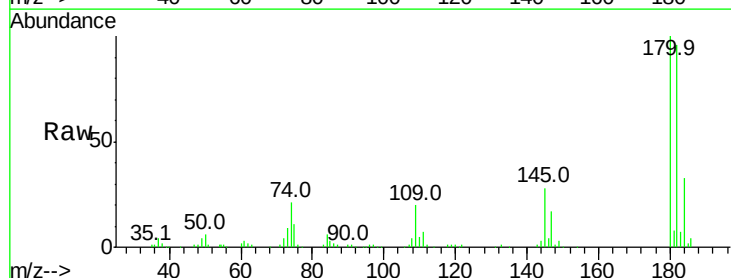
Tgt Ion:180 Resp: 159021

Ion Ratio Lower Upper

180 100

182 96.3 77.5 116.3

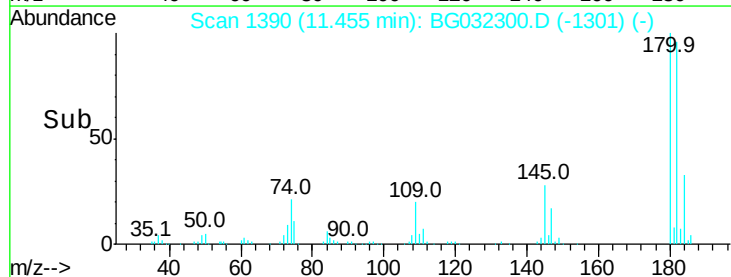
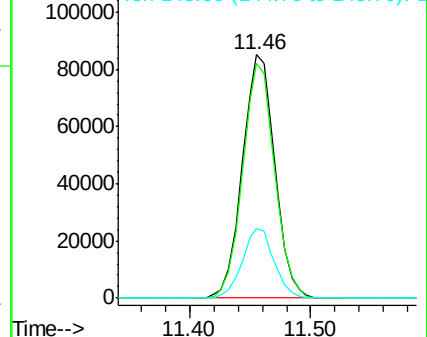
145 28.3 23.4 35.2

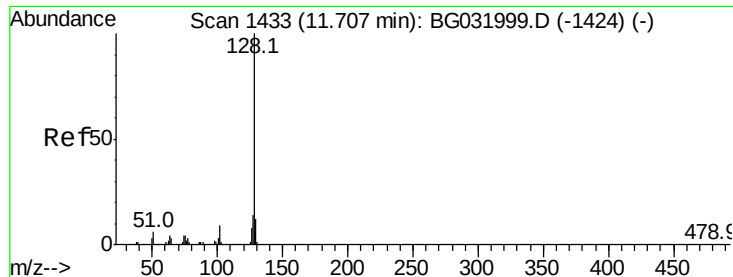


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

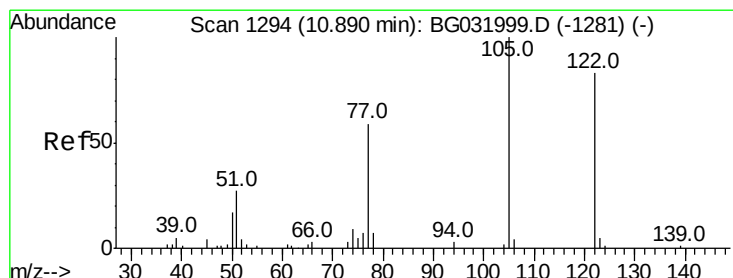
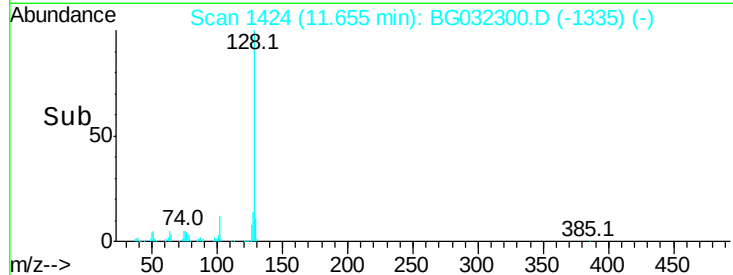
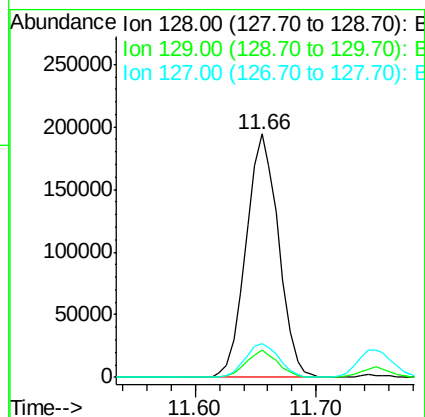
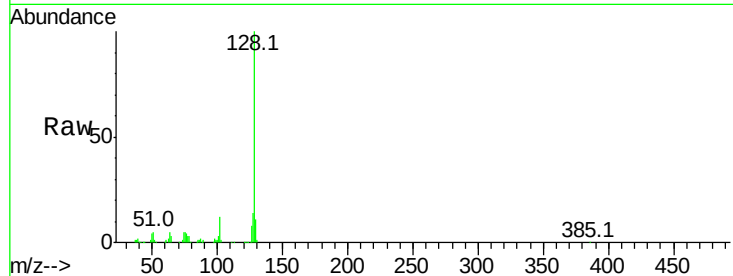




#31
Naphthalene
Concen: 47.404 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

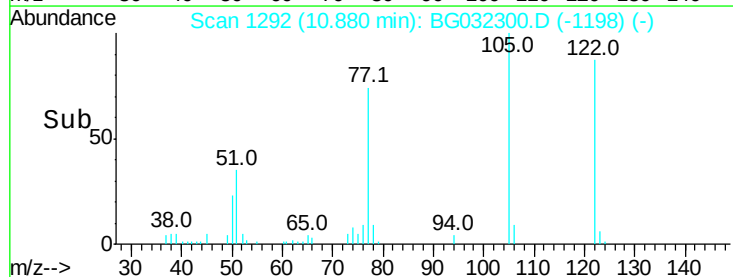
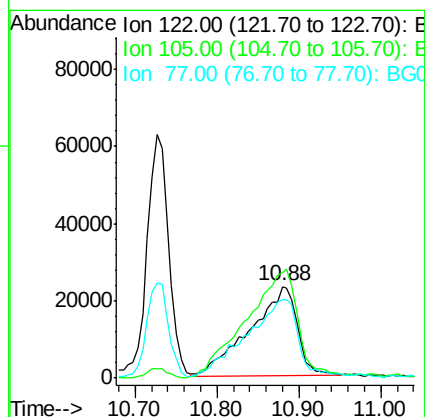
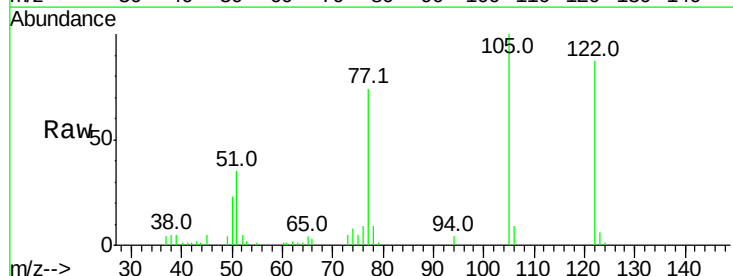
Instrument :
BNA_G
ClientSampled :

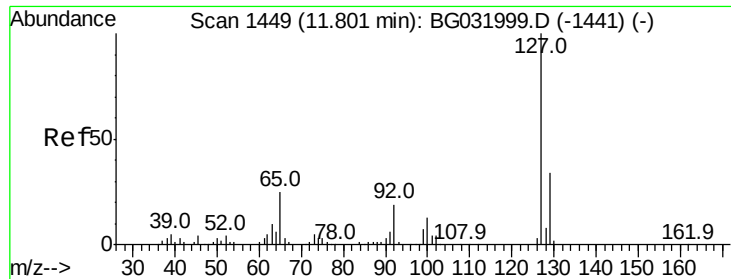
Tot Ion:128 Resp: 363315
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 53.836 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.02 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion:122 Resp: 93867
Ion Ratio Lower Upper
122 100
105 115.1 123.5 163.5#
77 85.6 85.7 125.7#

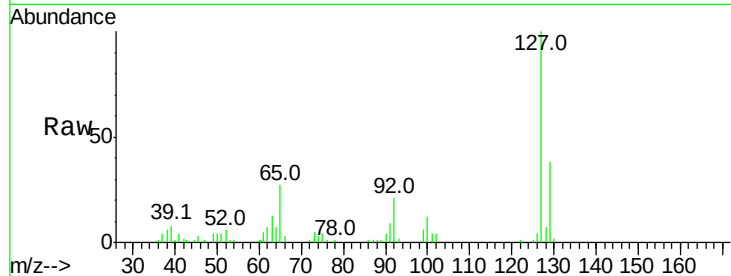




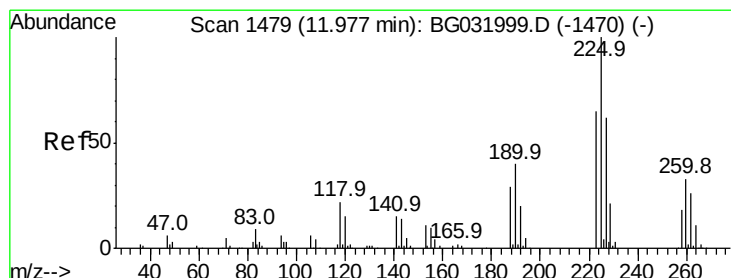
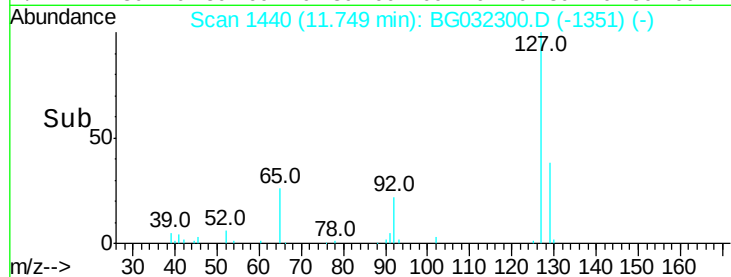
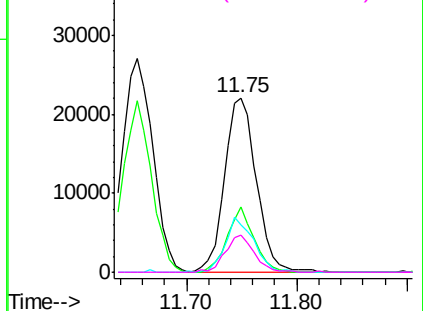
#33
 4-Chloroaniline
 Concen: 13.582 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	44640
Ion	Ratio	Lower	Upper
127	100		
129	37.7	24.0	36.0#
65	27.5	27.0	40.4
92	21.3	16.6	25.0

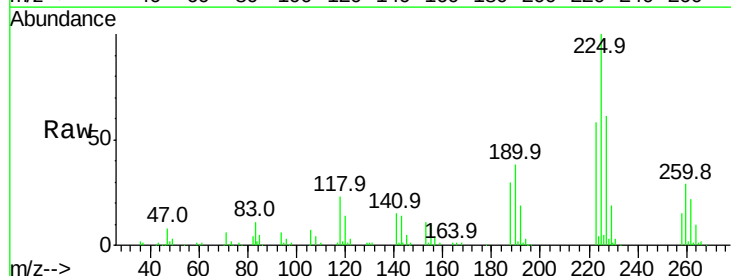


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

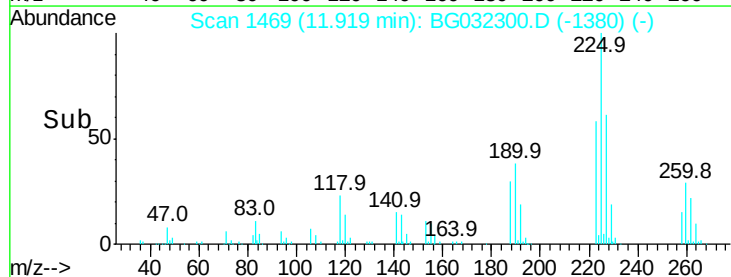
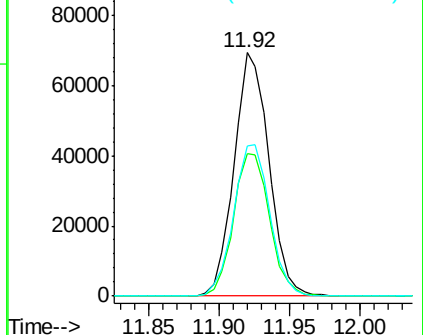


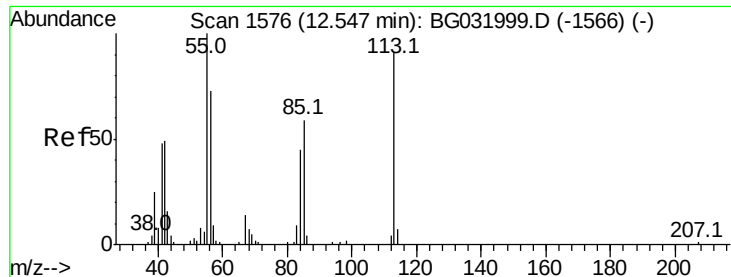
#34
 Hexachlorobutadiene
 Concen: 48.901 ng
 RT: 11.92 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:	225	Resp:	119716
Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.7	74.5
227	61.4	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

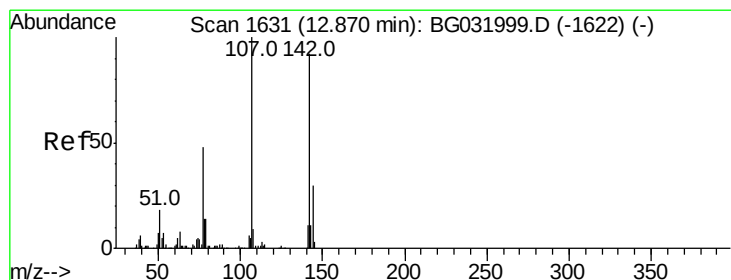
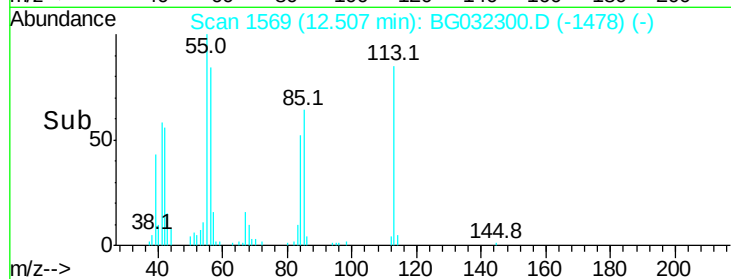
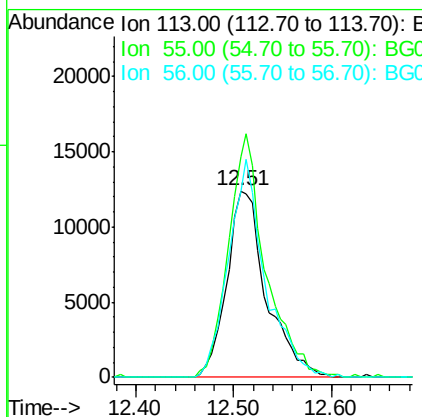
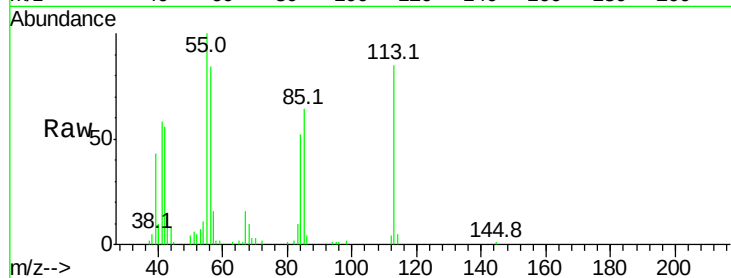




#35
 Caprolactam
 Concen: 43.607 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

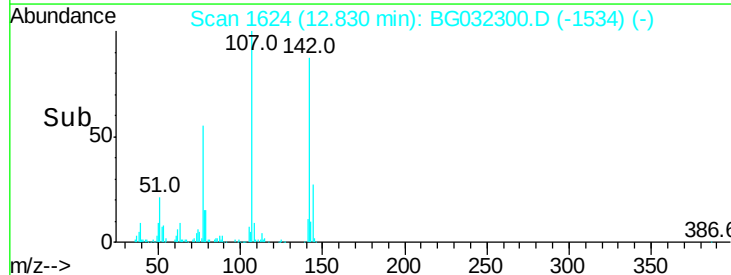
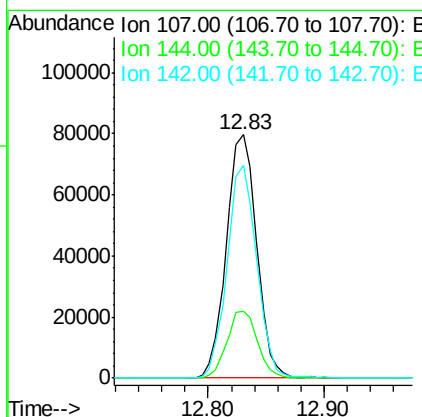
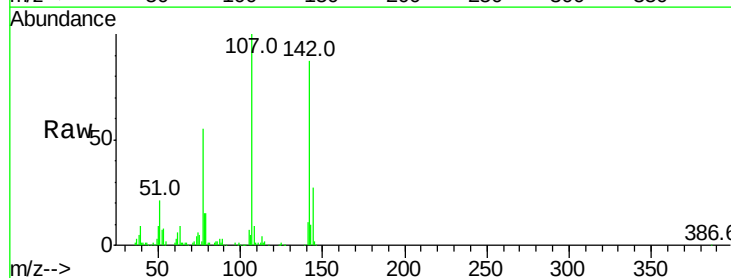
Instrument :
 BNA_G
 ClientSampleId :

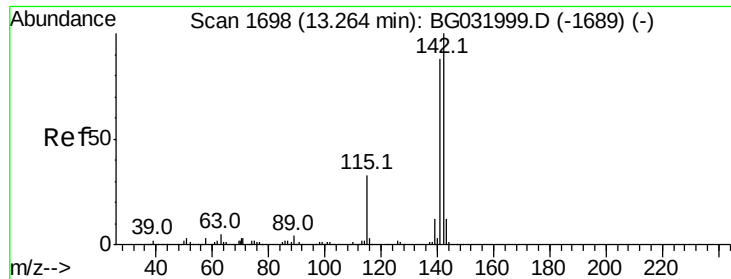
Tot Ion:113 Resp: 34915
 Ion Ratio Lower Upper
 113 100
 55 118.1 186.9 226.9#
 56 99.5 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 60.142 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:107 Resp: 145286
 Ion Ratio Lower Upper
 107 100
 144 27.4 18.2 27.4#
 142 87.5 59.0 88.4

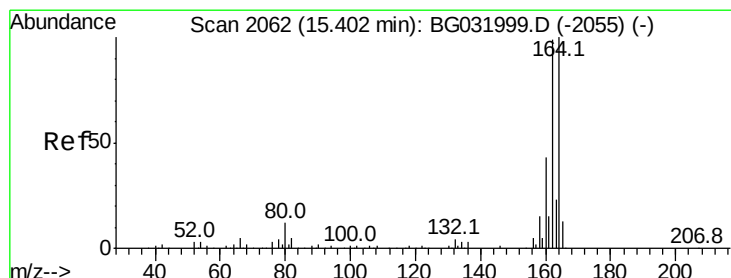
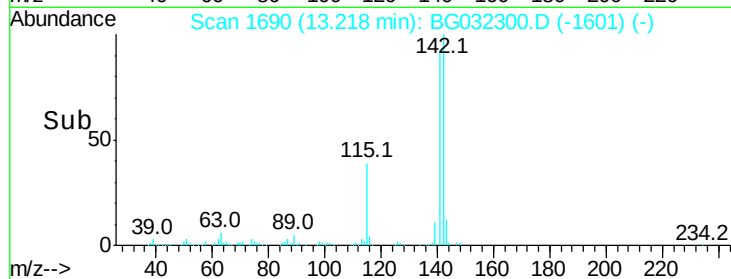
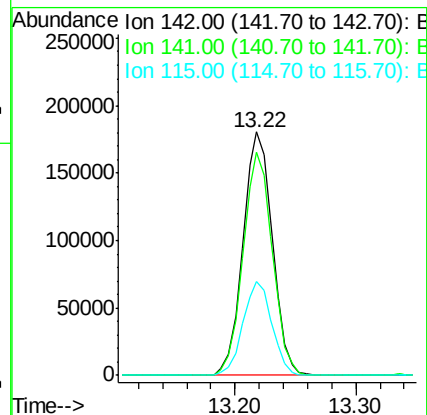
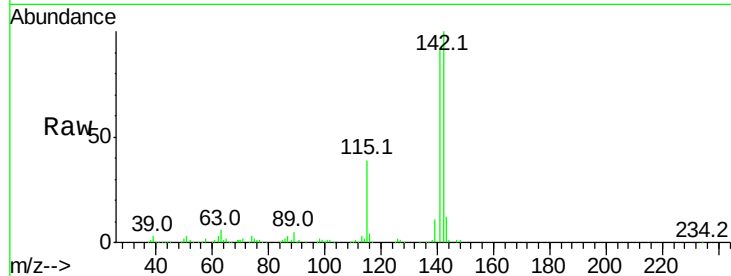




#37
2-Methylnaphthalene
Concen: 50.227 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

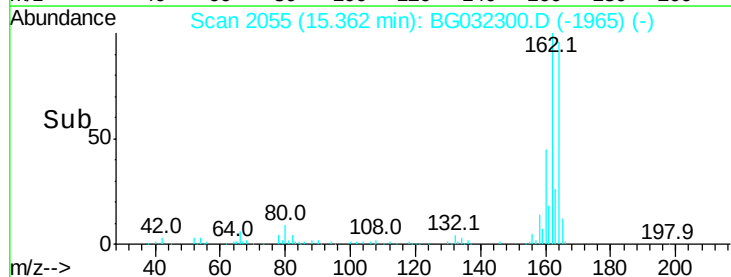
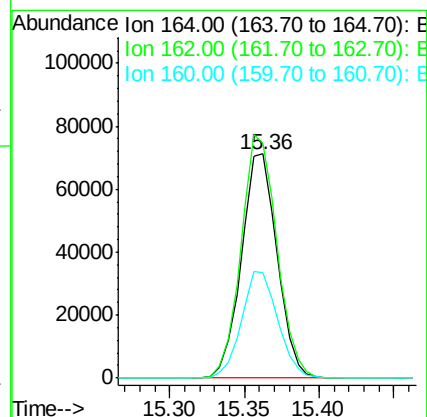
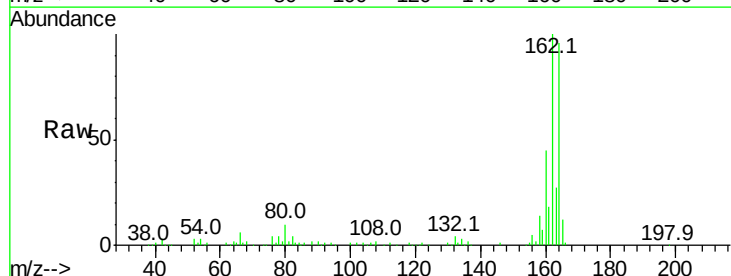
Instrument :
BNA_G
ClientSampled :

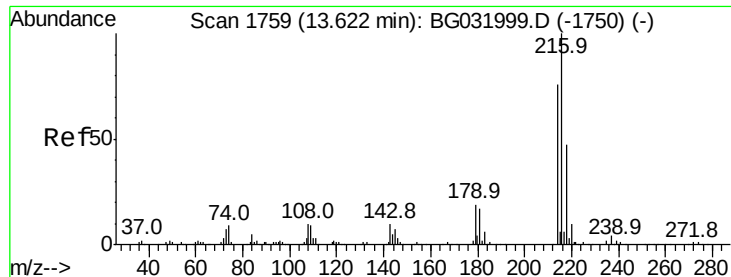
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	38.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	47.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.308 ng

RT: 13.58 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 238083

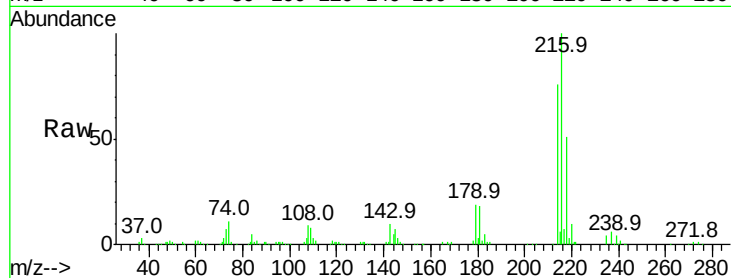
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 18.7 17.0 25.6

108 12.7 12.8 19.2#

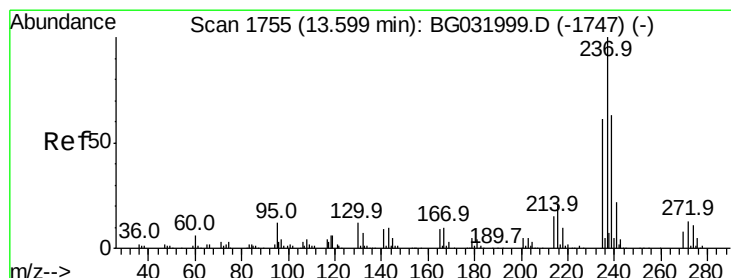
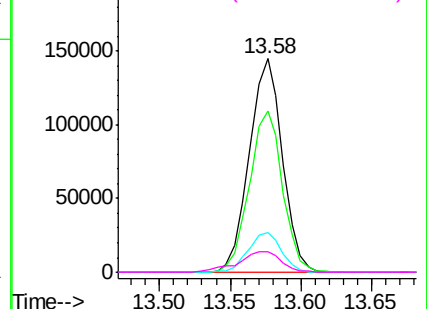
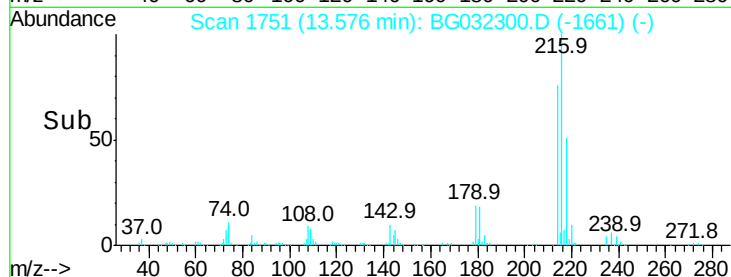


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.712 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

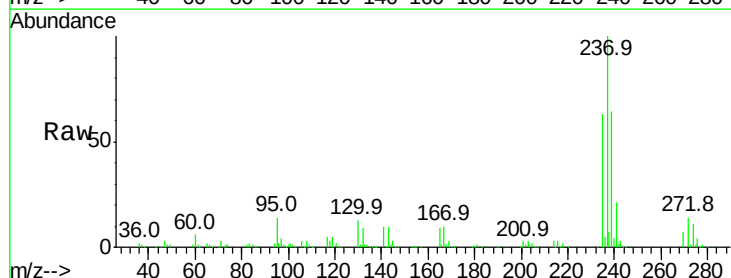
Tgt Ion:237 Resp: 291639

Ion Ratio Lower Upper

237 100

235 62.5 50.4 90.4

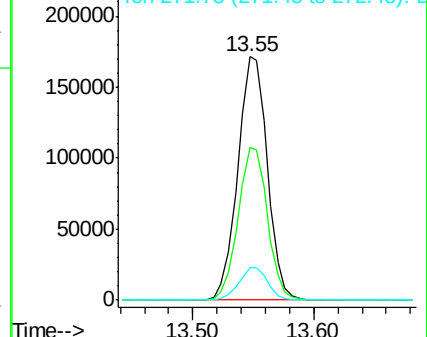
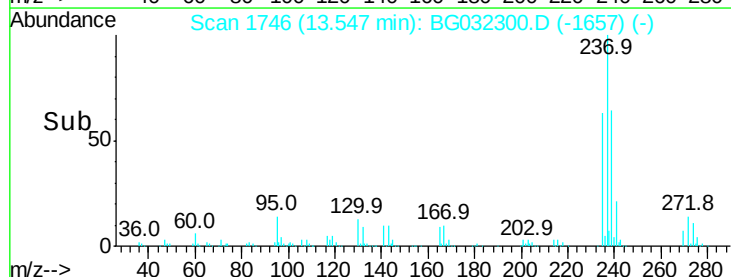
272 13.5 0.0 31.8

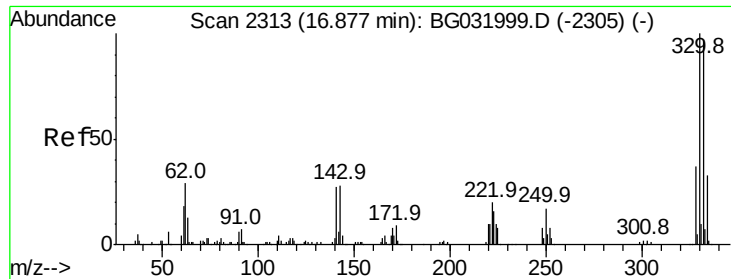


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

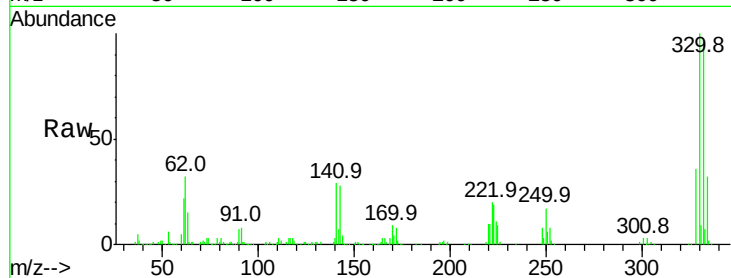




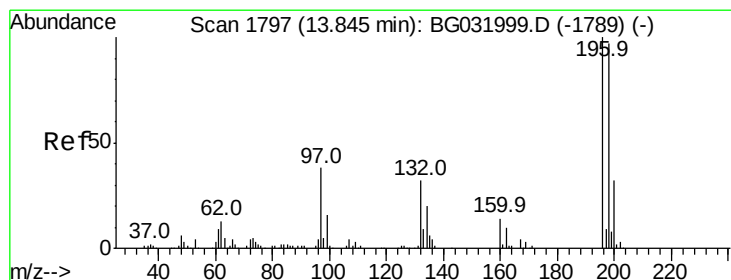
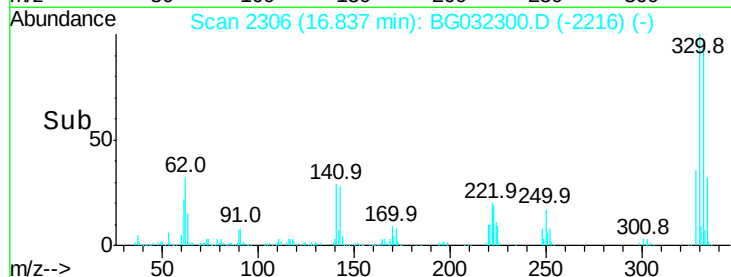
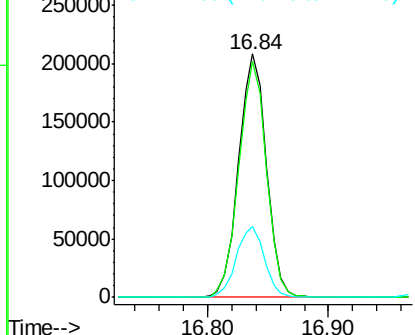
#41
 2,4,6-Tribromophenol
 Concen: 171.386 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.4	25.2	37.8

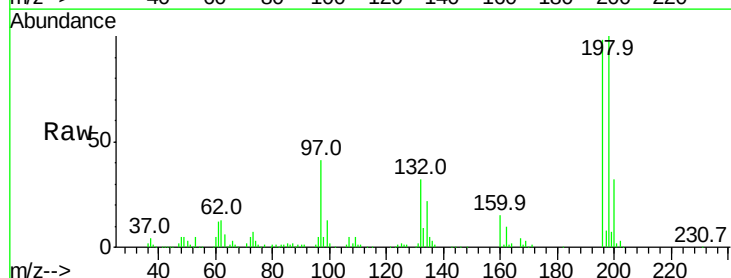


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

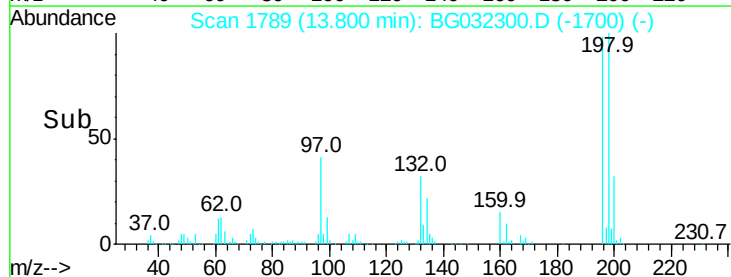
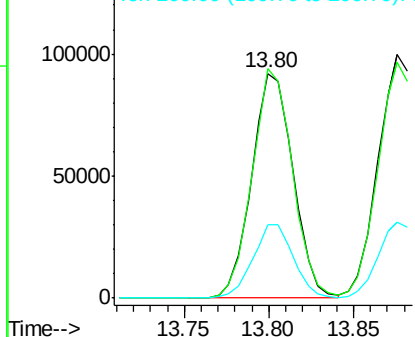


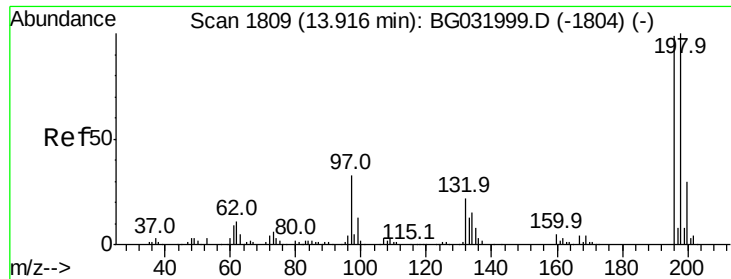
#42
 2,4,6-Trichlorophenol
 Concen: 54.174 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	78.2	117.2
200	32.8	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

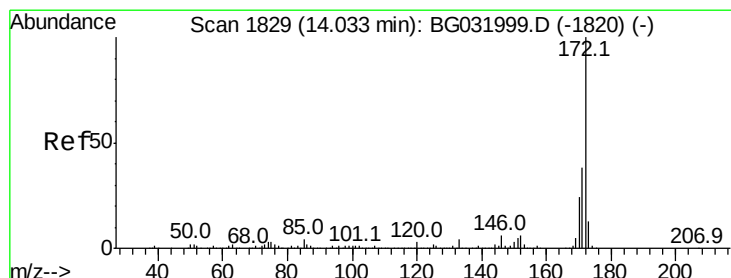
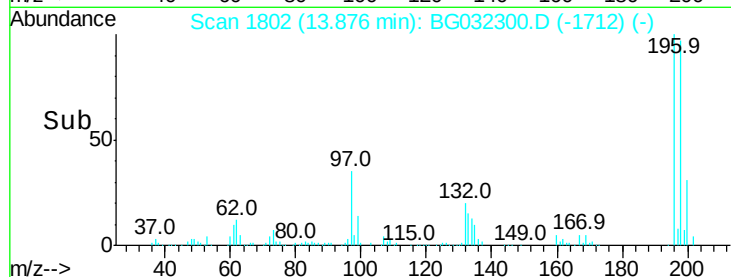
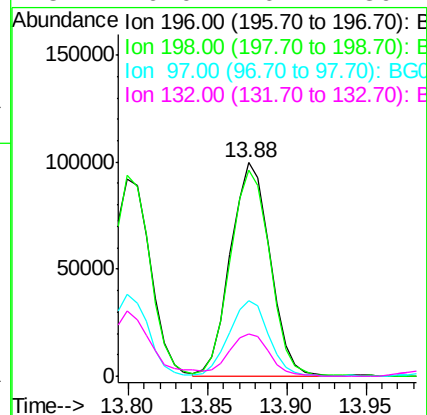
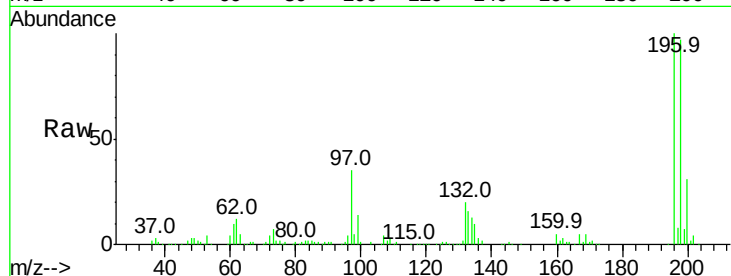




#43
 2,4,5-Trichlorophenol
 Concen: 51.707 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

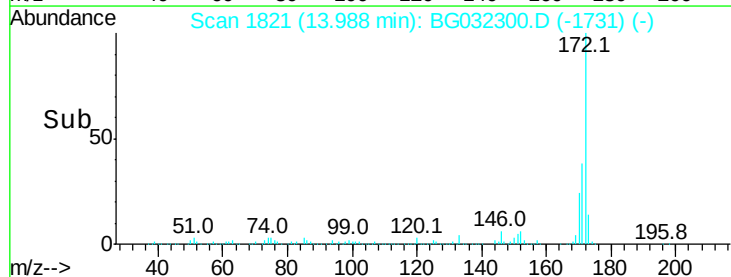
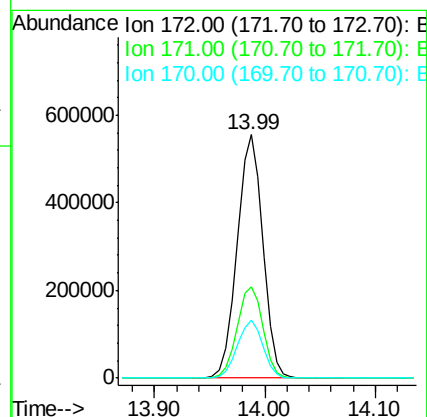
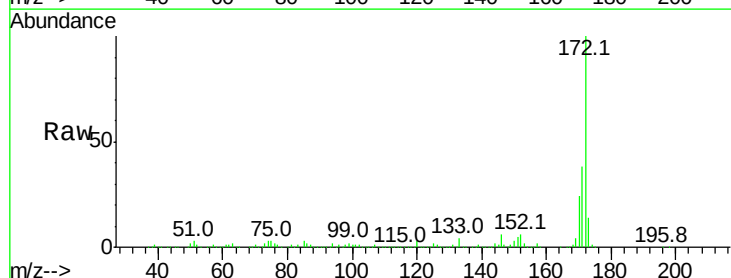
Instrument :
 BNA_G
 ClientSampleId :

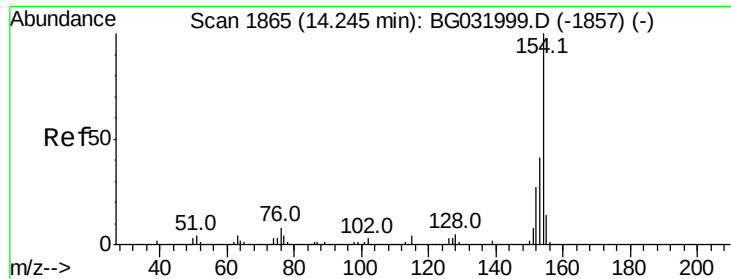
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
97	35.2	38.7	58.1
132	20.0	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 95.095 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.8	19.5	29.3





#45

1,1'-Biphenyl

Concen: 44.469 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

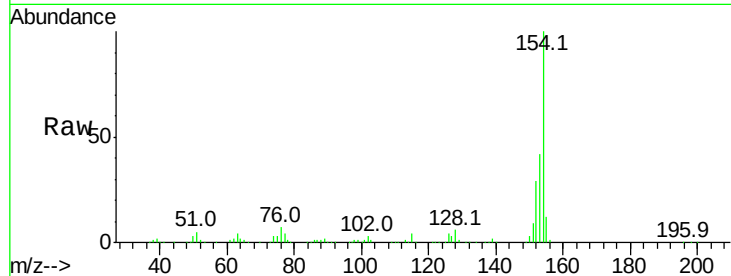
Tot Ion:154 Resp: 449637

Ion Ratio Lower Upper

154 100

153 42.5 19.8 59.8

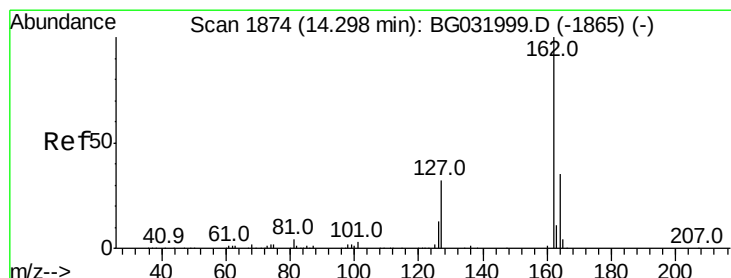
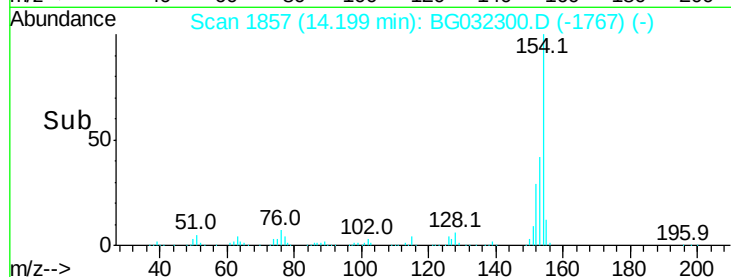
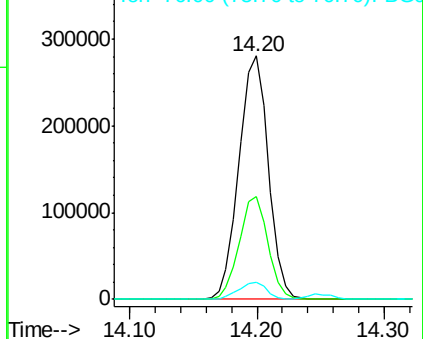
76 7.0 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 44.926 ng

RT: 14.25 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

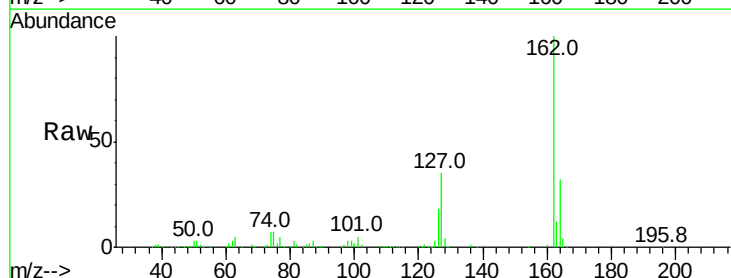
Tgt Ion:162 Resp: 353388

Ion Ratio Lower Upper

162 100

127 35.2 30.7 46.1

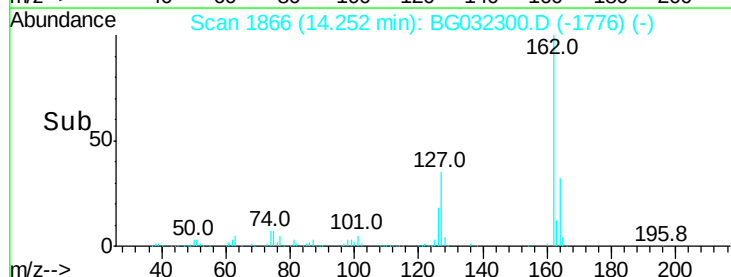
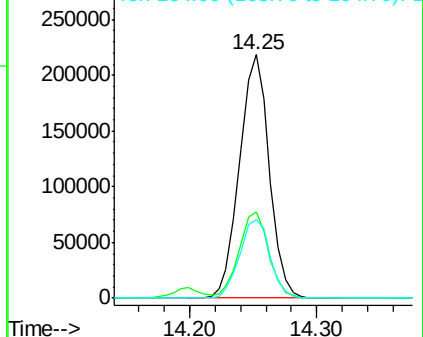
164 32.2 26.0 39.0

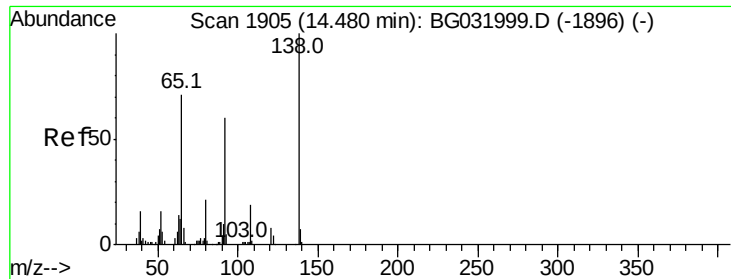


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

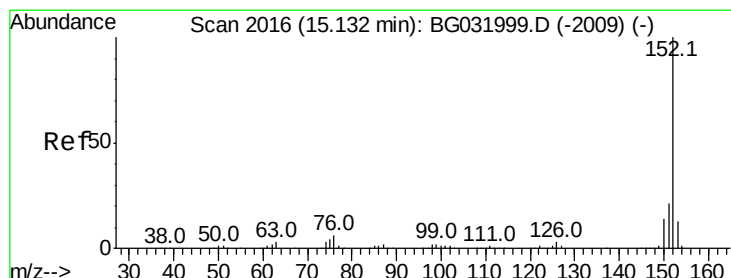
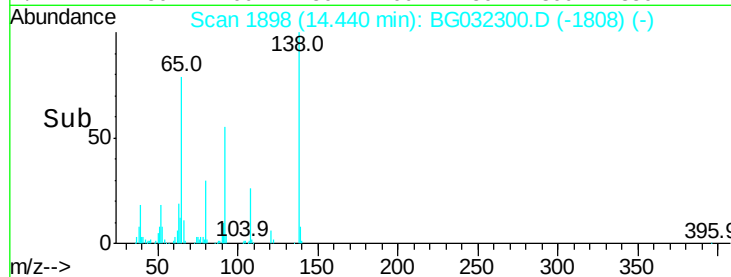
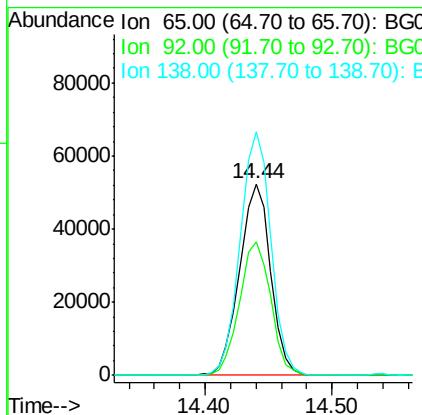
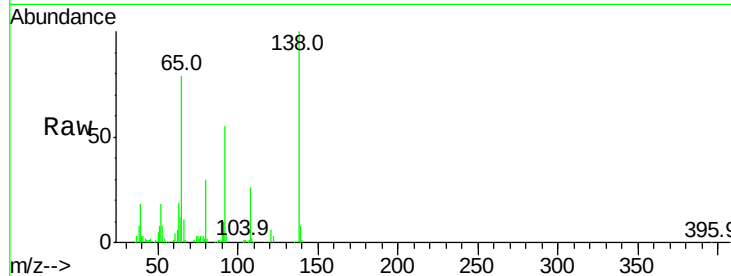




#47
2-Nitroaniline
Concen: 59.161 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

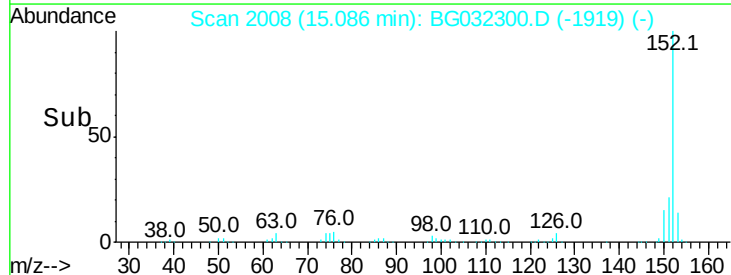
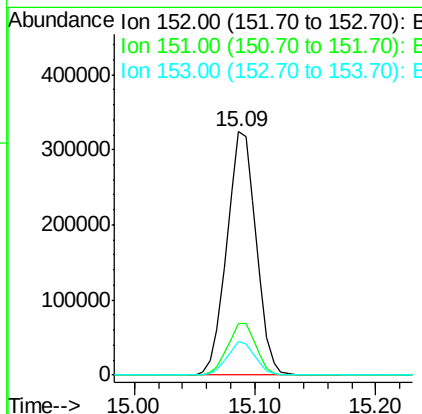
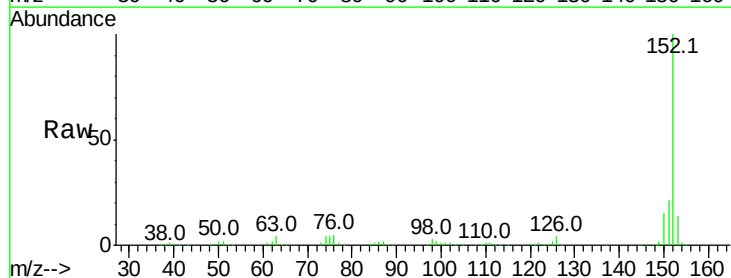
Instrument :
BNA_G
ClientSampleId :

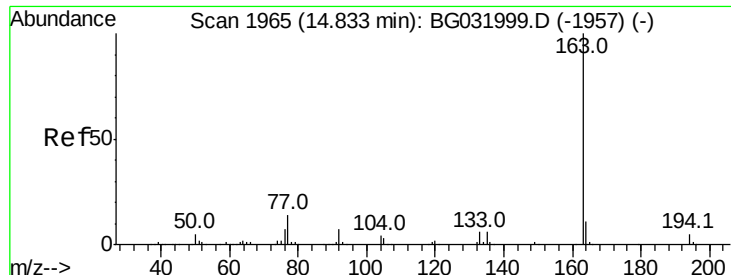
Tot Ion: 65 Resp: 89087
Ion Ratio Lower Upper
65 100
92 69.9 54.6 82.0
138 127.1 72.9 109.3#



#48
Acenaphthylene
Concen: 45.423 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion: 152 Resp: 544083
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 49.618 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampled :

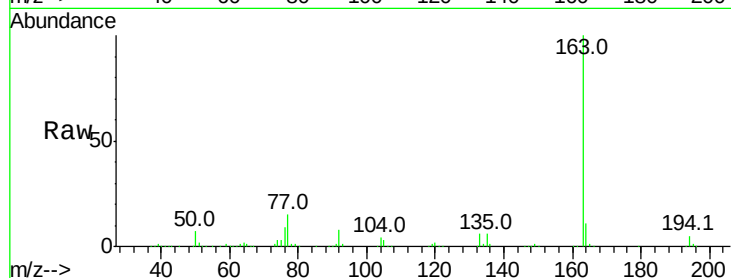
Tot Ion:163 Resp: 512124

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

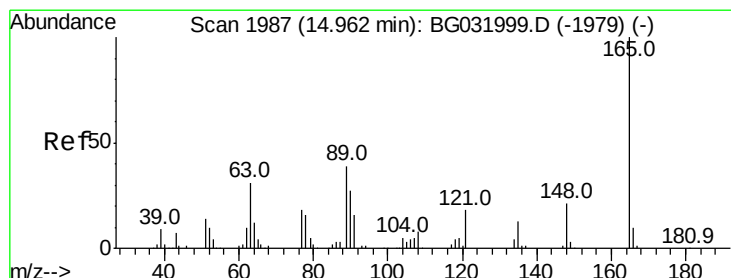
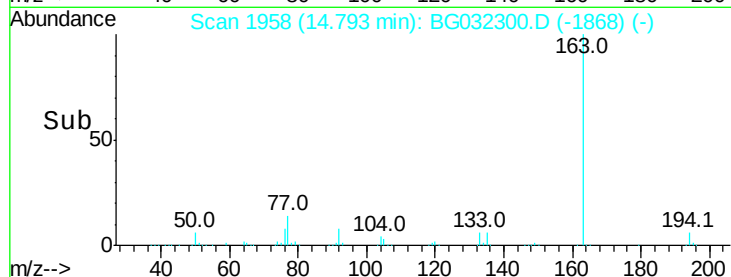
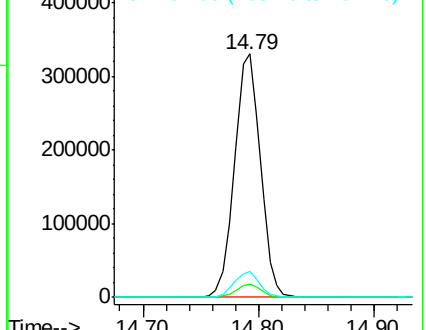
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.367 ng

RT: 14.92 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

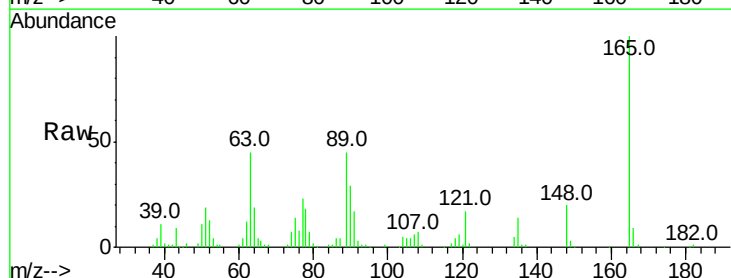
Tgt Ion:165 Resp: 112188

Ion Ratio Lower Upper

165 100

63 44.9 52.7 79.1#

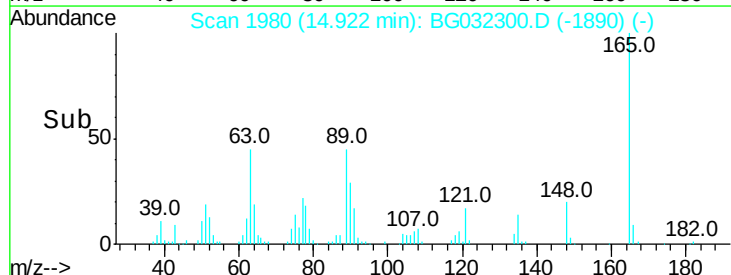
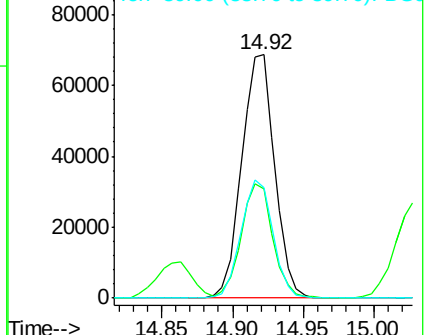
89 45.2 49.2 73.8#

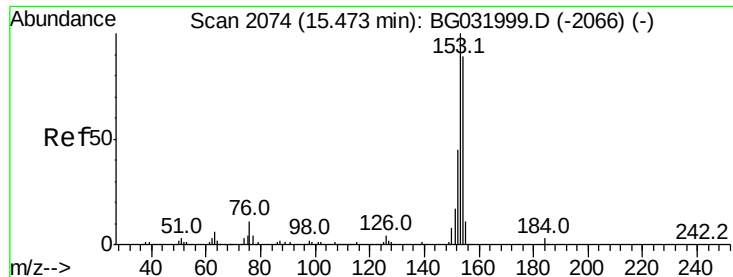


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 54.132 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

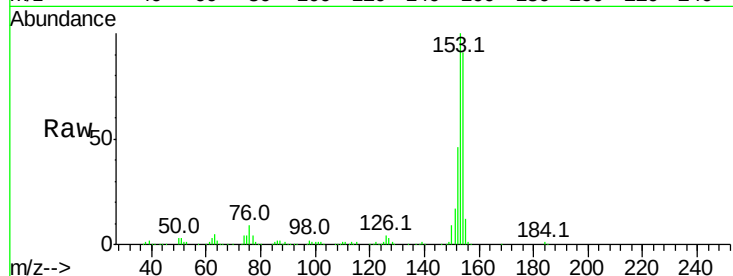
Tot Ion:154 Resp: 428753

Ion Ratio Lower Upper

154 100

153 109.5 90.4 135.6

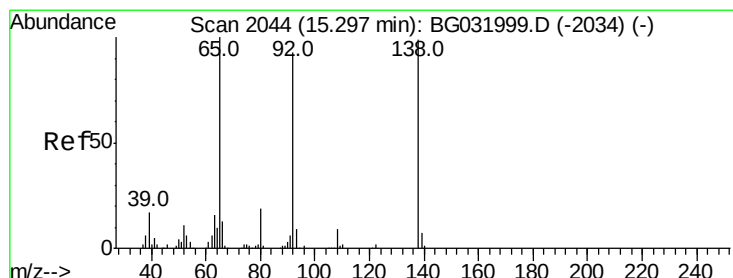
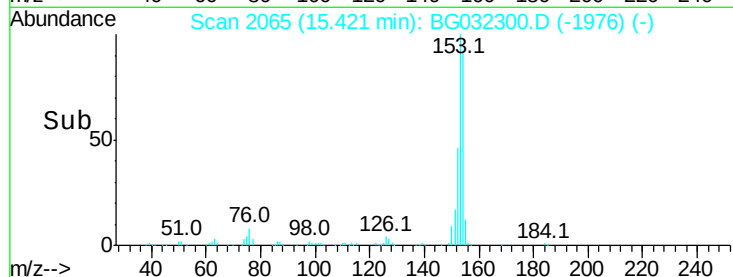
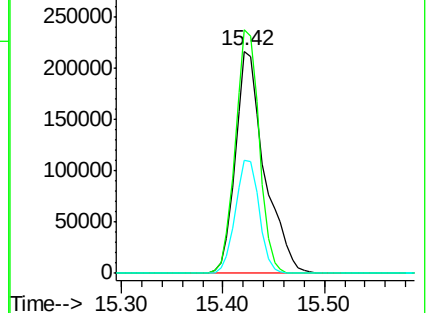
152 50.7 41.6 62.4



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: 23.351 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

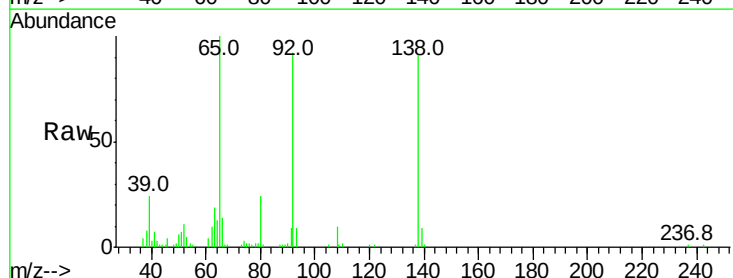
Tgt Ion:138 Resp: 45183

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

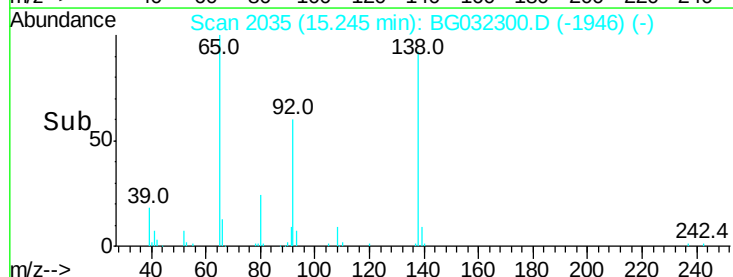
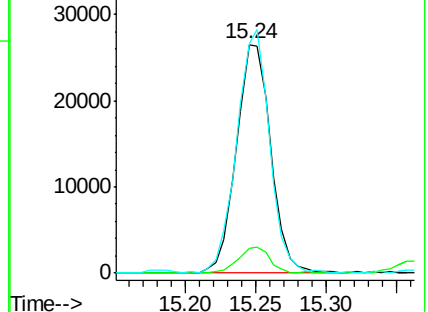
92 100.8 105.8 158.8#

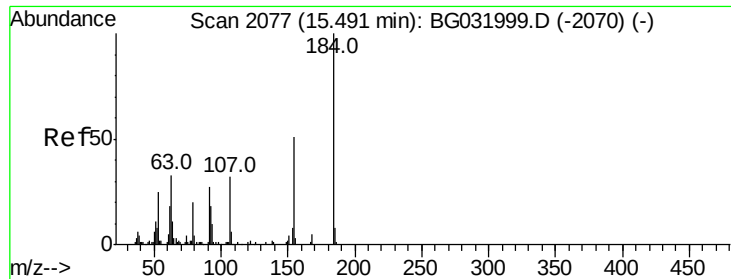


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

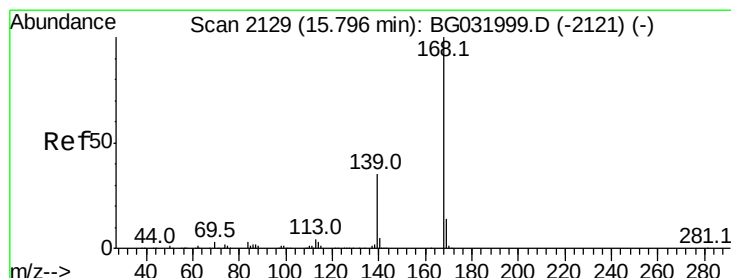
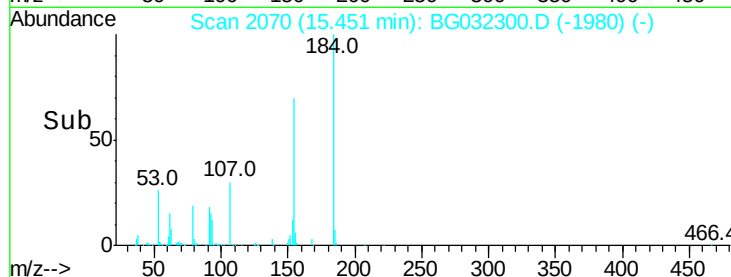
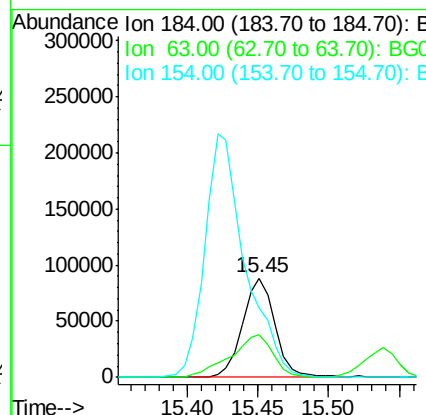
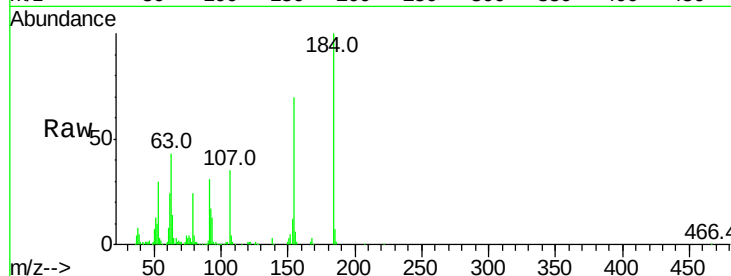




#53
2,4-Dinitrophenol
Concen: 126.621 ng
RT: 15.45 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

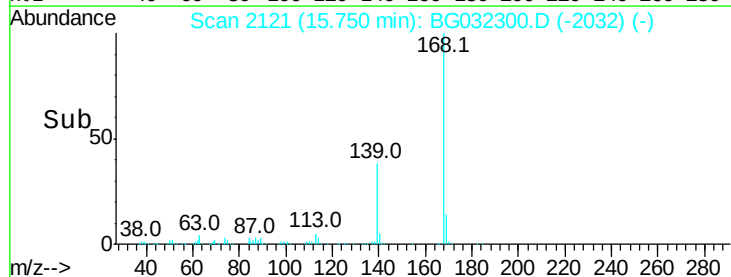
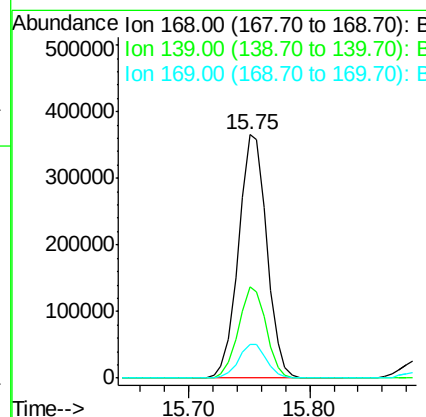
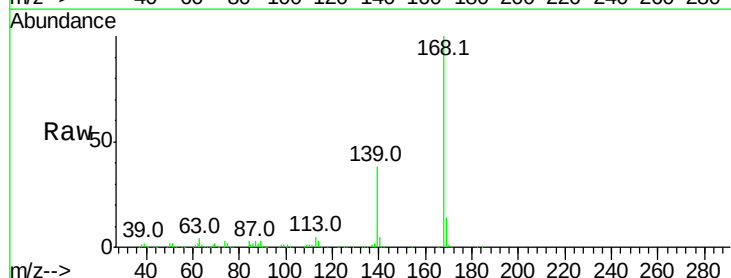
Instrument :
BNA_G
ClientSampleId :

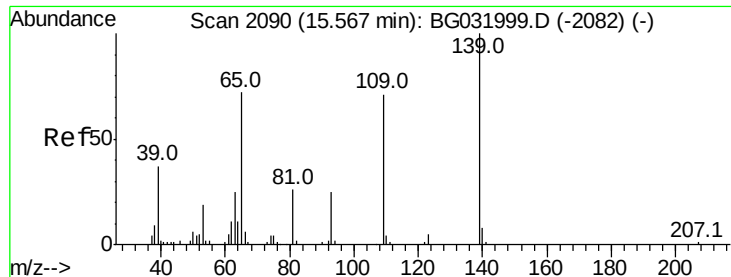
Tot Ion	Ratio	Lower	Upper
184	100		
63	43.2	59.8	89.8#
154	70.2	101.8	152.8#



#54
Dibenzofuran
Concen: 50.391 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.6	43.0
169	13.7	11.2	16.8

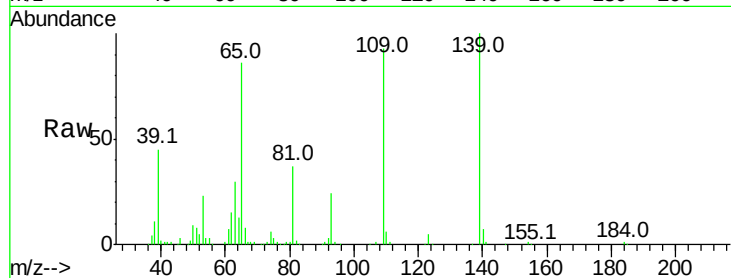




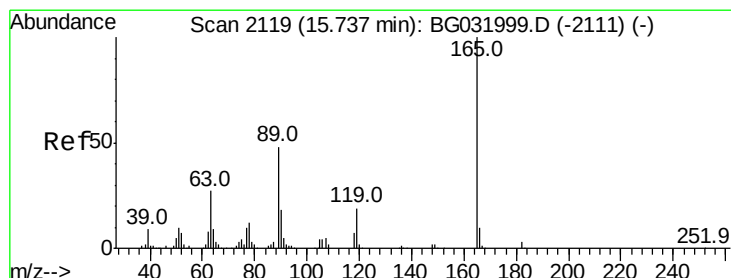
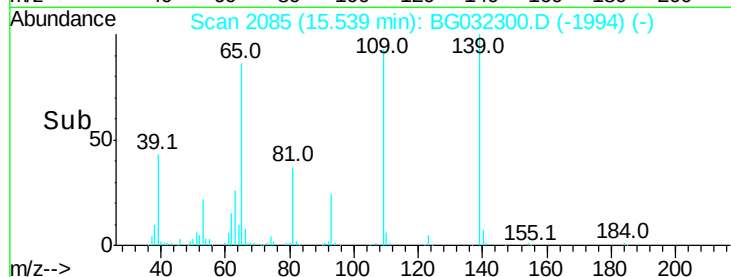
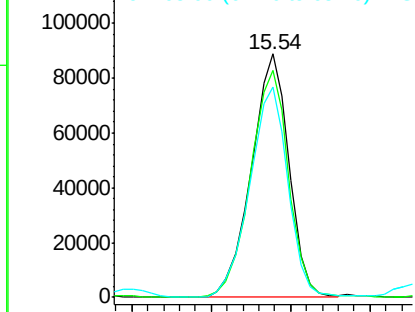
#55
4-Nitrophenol
Concen: 103.792 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	93.1	62.2	102.2
65	86.2	97.2	137.2#



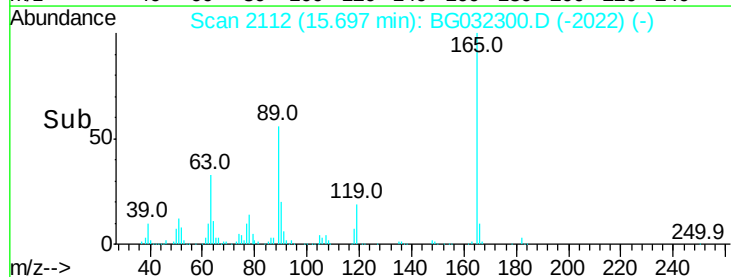
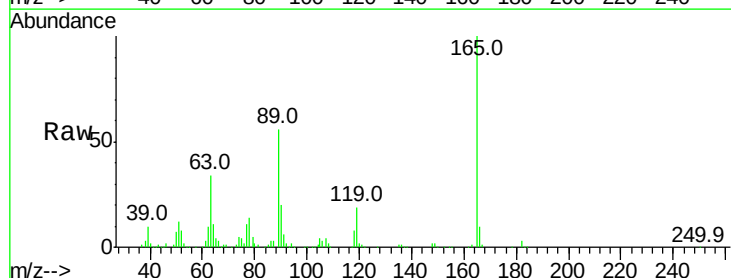
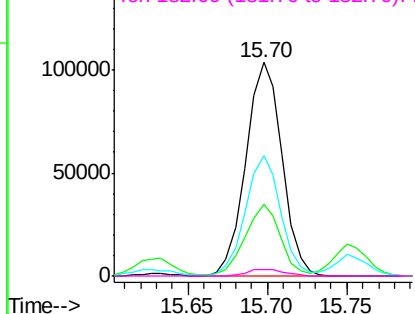
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

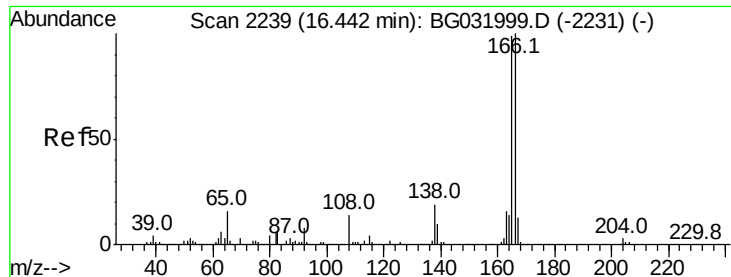


#56
2,4-Dinitrotoluene
Concen: 56.623 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.7	42.0	63.0#
89	56.4	66.9	100.3#
182	2.9	2.6	3.8

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





#57

Fluorene

Concen: 49.884 ng

RT: 16.40 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

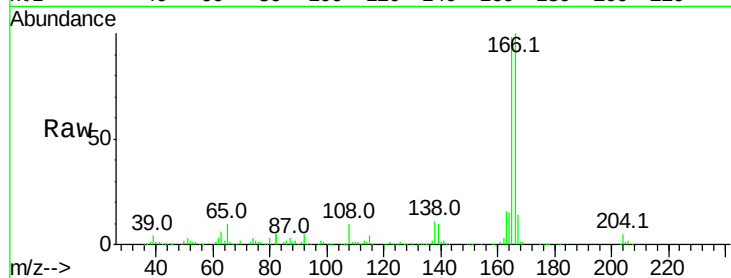
Tot Ion:166 Resp: 483397

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

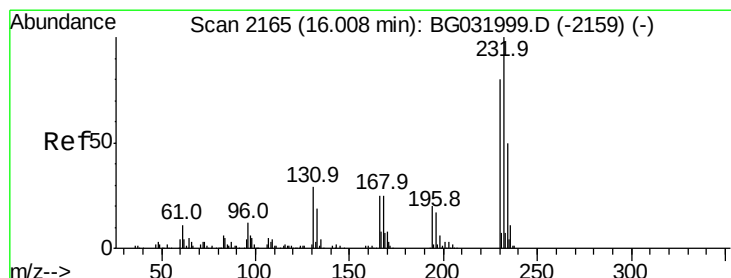
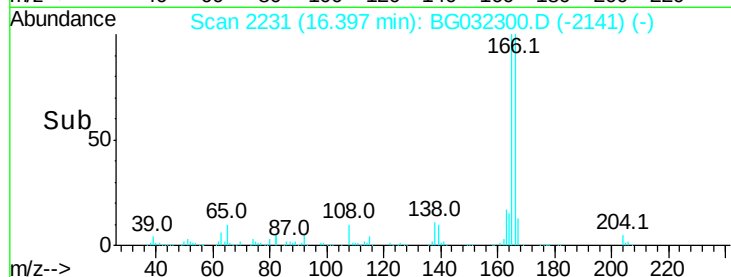
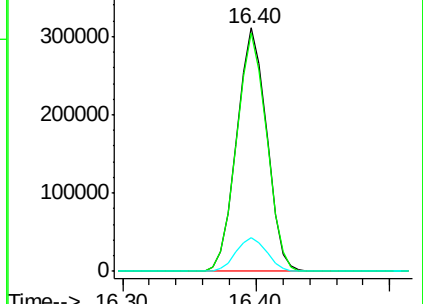
167 13.8 10.4 15.6



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: 61.368 ng

RT: 15.97 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion:232 Resp: 189828

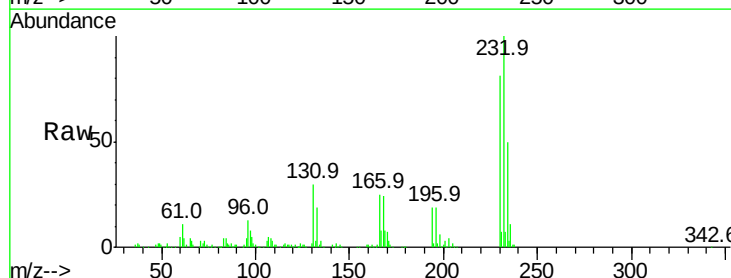
Ion Ratio Lower Upper

232 100

131 30.5 33.5 50.3#

130 2.1 2.2 3.2#

166 24.6 24.8 37.2#

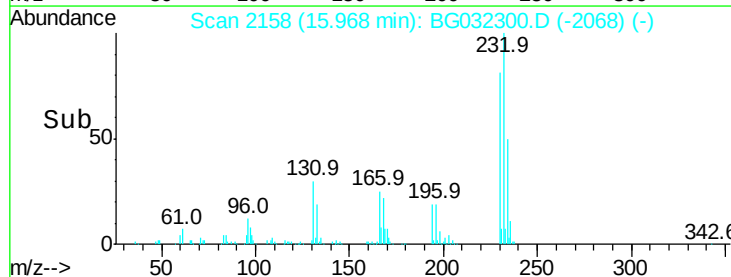
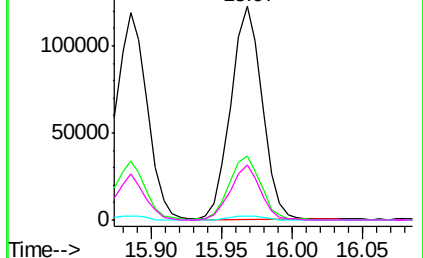


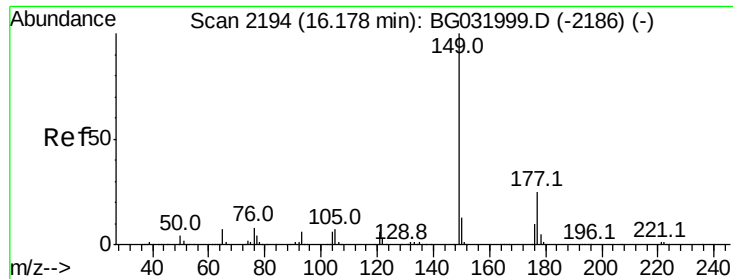
Abundance Ion 232.00 (231.70 to 232.70): E

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

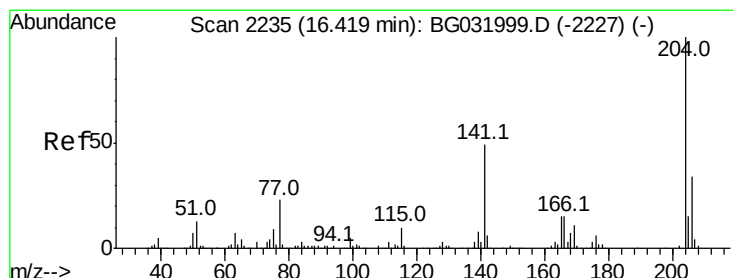
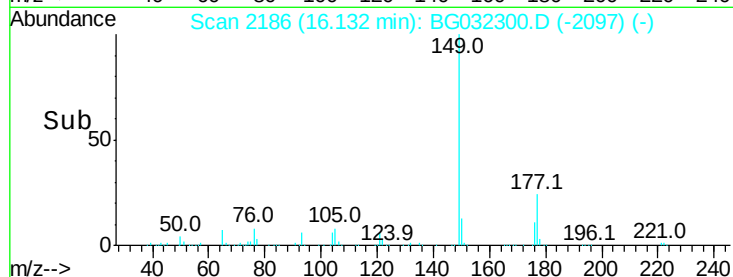
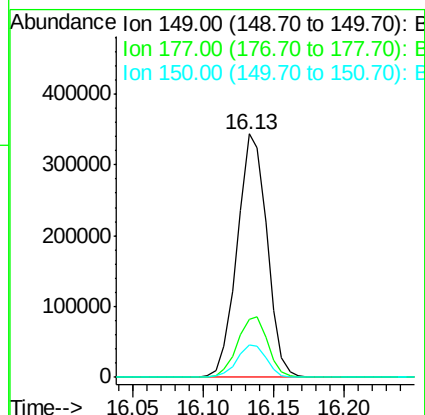
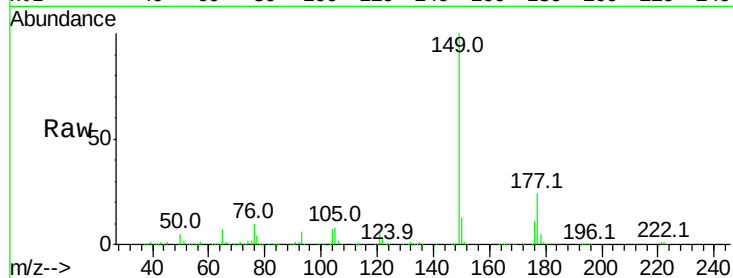




#59
Diethylphthalate
Concen: 50.478 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

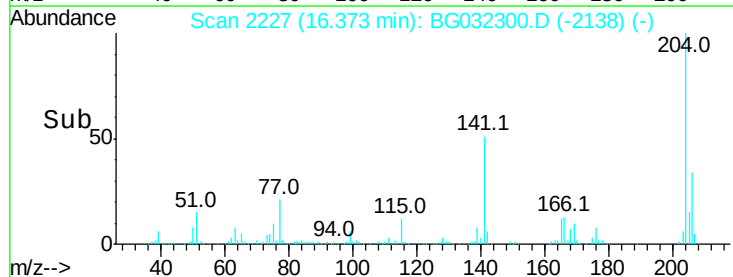
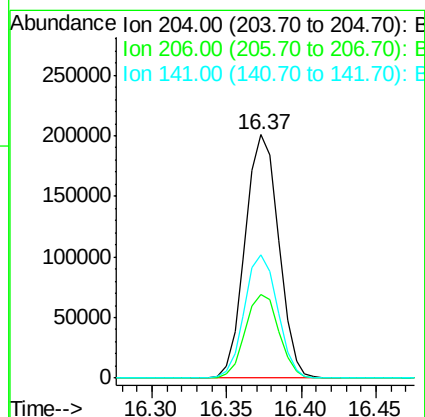
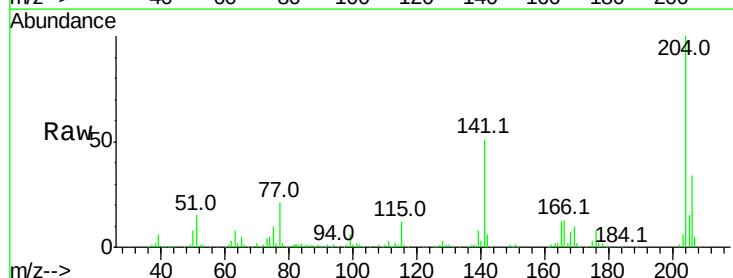
Instrument :
BNA_G
ClientSampleId :

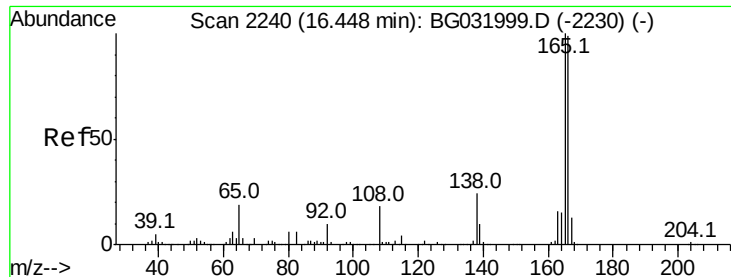
Tot Ion:149 Resp: 505089
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 52.429 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion:204 Resp: 311659
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 50.7 45.8 68.6





#61

4-Nitroaniline

Concen: 48.504 ng

RT: 16.41 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

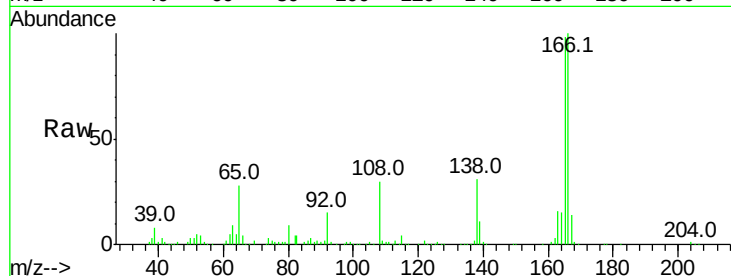
Tot Ion:138 Resp: 90029

Ion Ratio Lower Upper

138 100

92 47.6 40.1 80.1

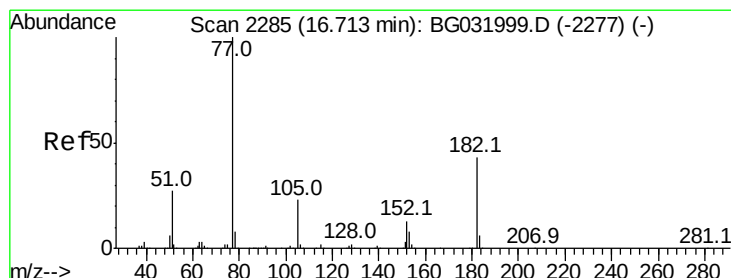
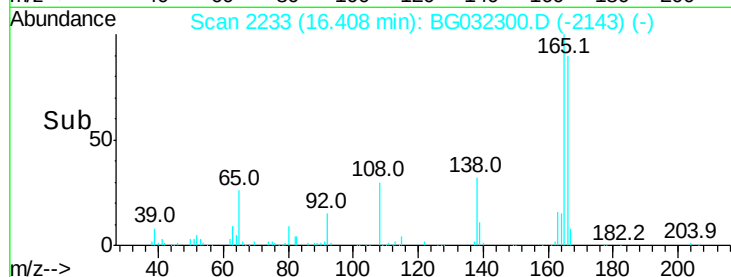
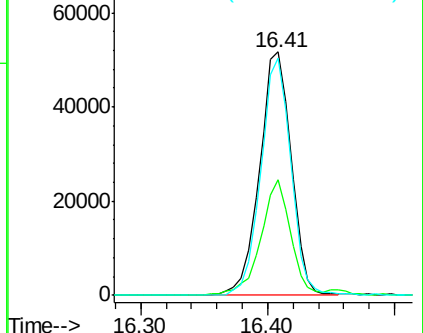
108 97.7 65.4 105.4



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: 50.993 ng

RT: 16.67 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion: 77 Resp: 319362

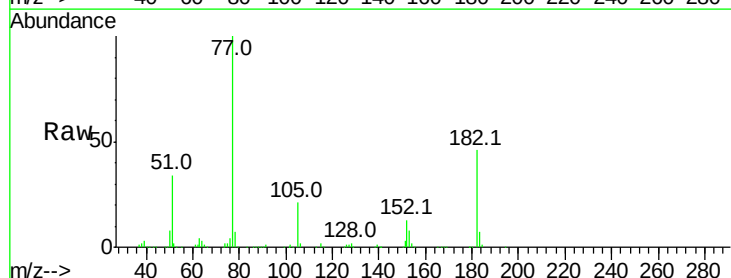
Ion Ratio Lower Upper

77 100

182 45.9 7.4 47.4

105 21.4 0.3 40.3

51 34.3 11.6 51.6

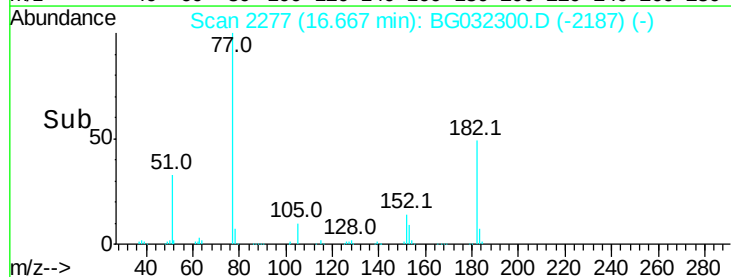
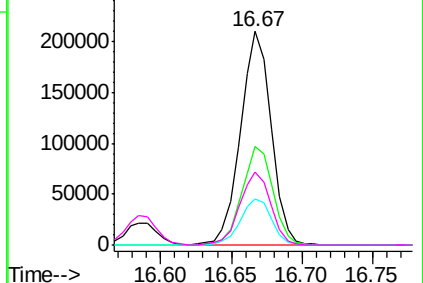


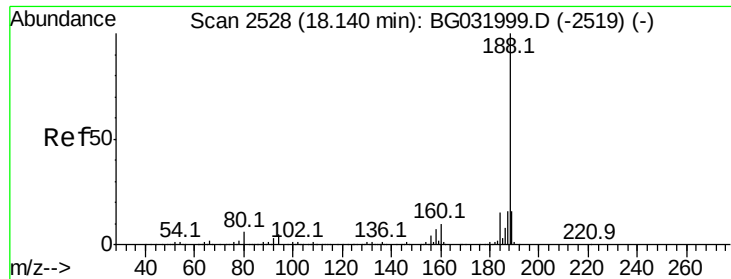
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampled :

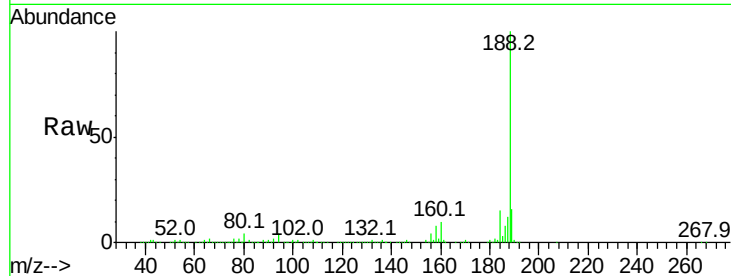
Tot Ion:188 Resp: 316412

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

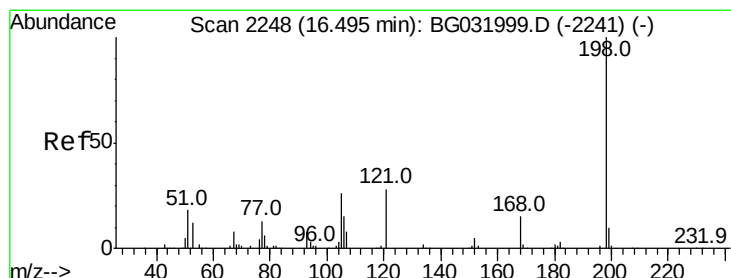
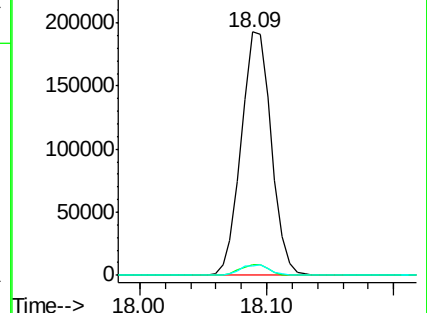
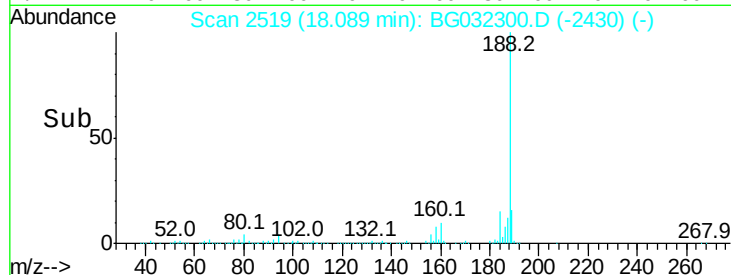
80 4.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 51.245 ng

RT: 16.46 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

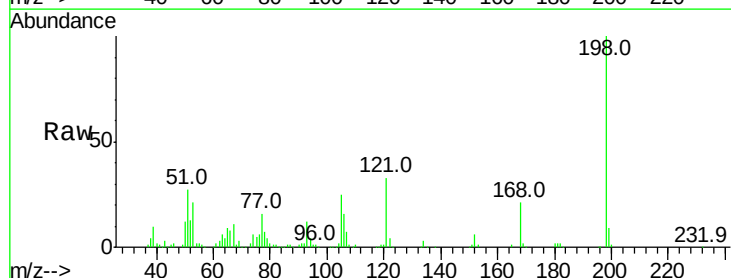
Tgt Ion:198 Resp: 104528

Ion Ratio Lower Upper

198 100

51 26.9 30.6 70.6#

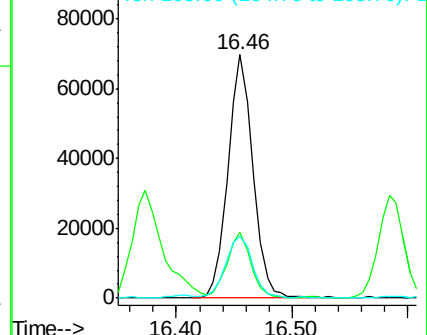
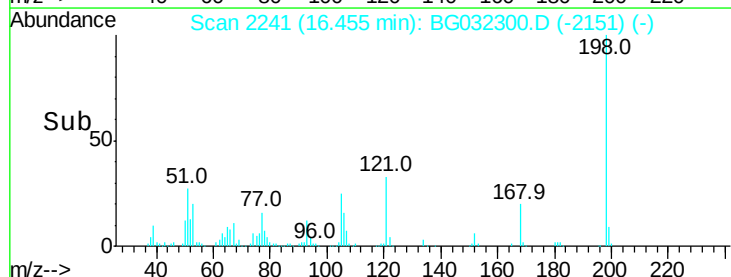
105 25.4 23.8 63.8

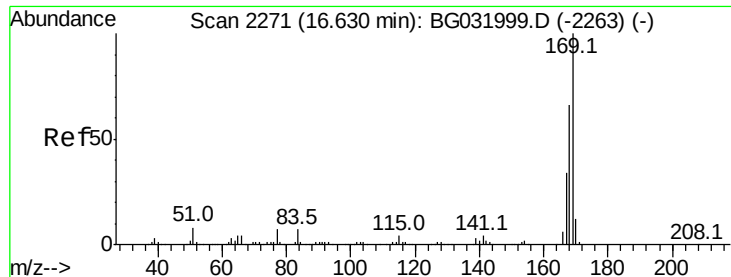


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.936 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

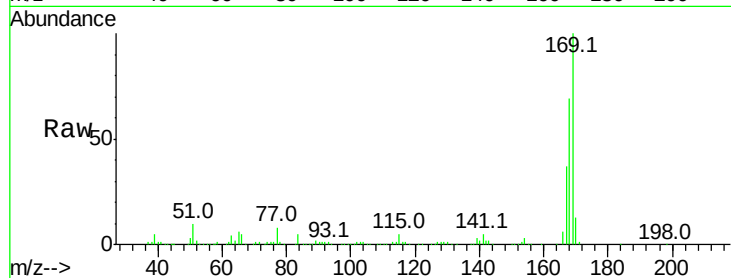
Tot Ion:169 Resp: 450649

Ion Ratio Lower Upper

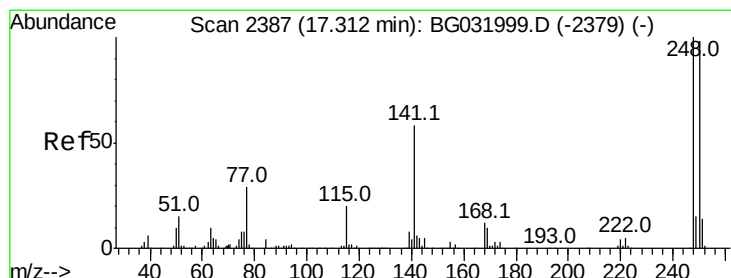
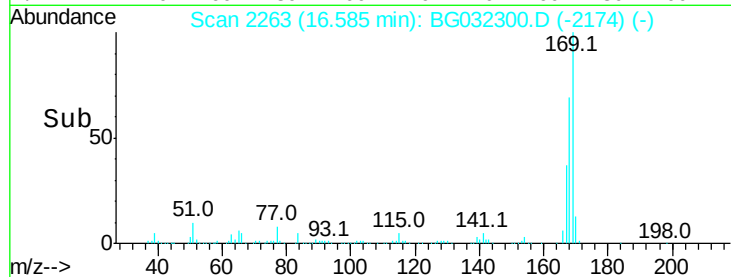
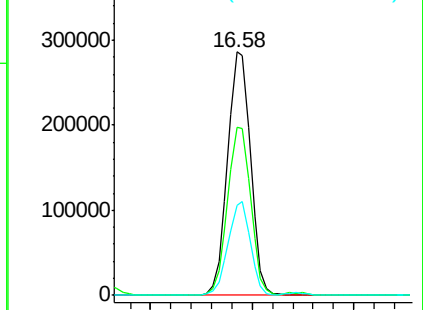
169 100

168 69.2 55.7 83.5

167 36.8 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: 50.361 ng

RT: 17.27 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

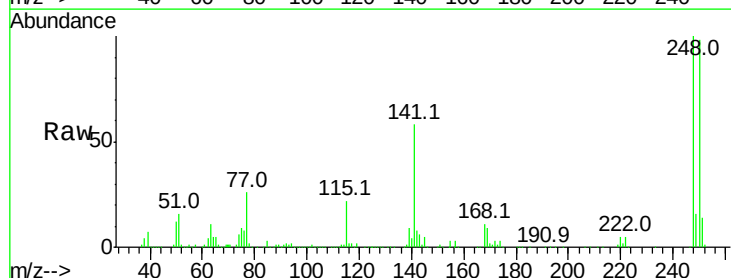
Tgt Ion:248 Resp: 226722

Ion Ratio Lower Upper

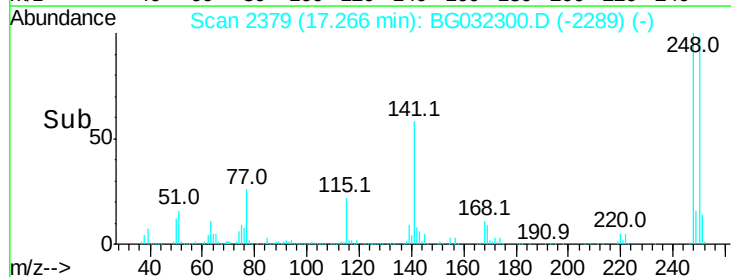
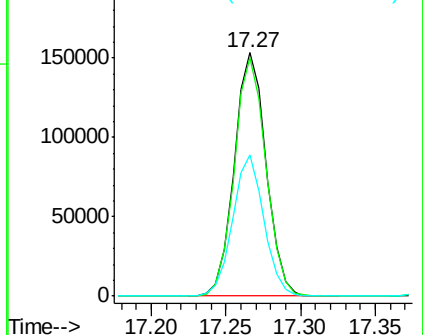
248 100

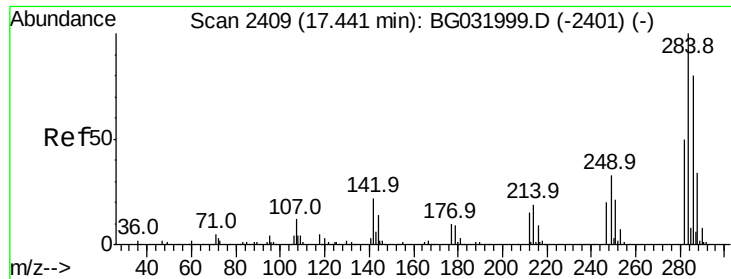
250 98.2 77.1 115.7

141 58.1 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

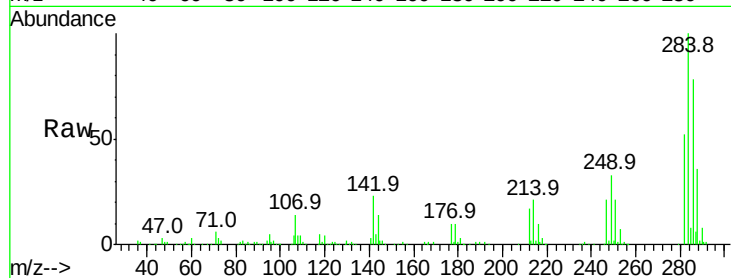




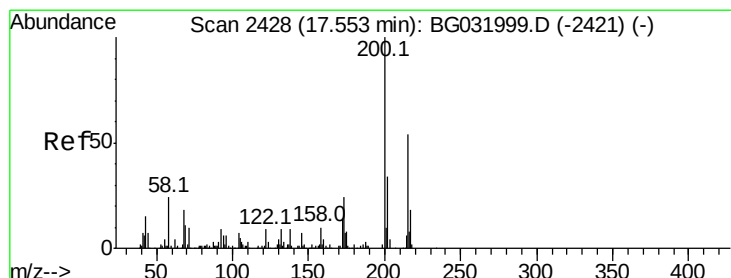
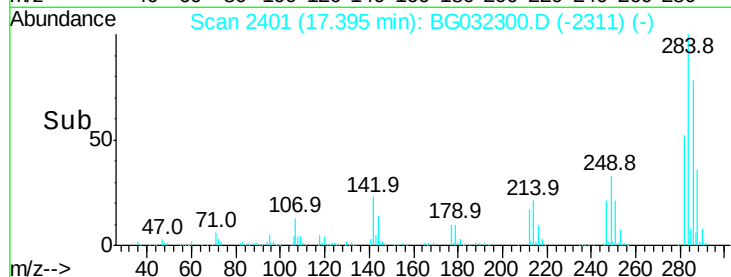
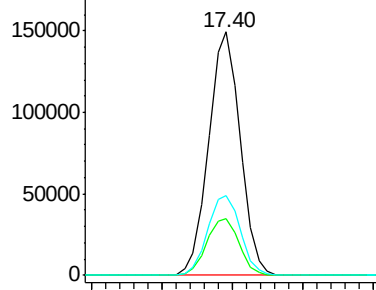
#67
Hexachlorobenzene
Concen: 46.743 ng
RT: 17.40 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 232814
Ion Ratio Lower Upper
284 100
142 23.2 26.8 40.2#
249 32.8 26.3 39.5

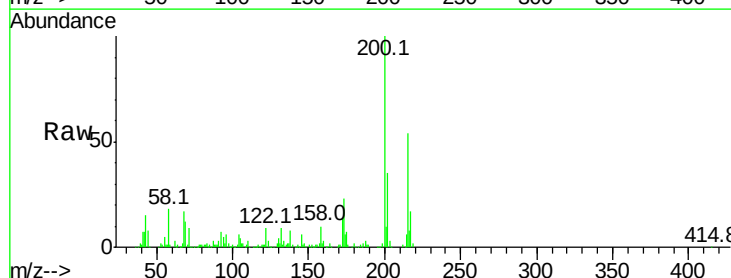


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

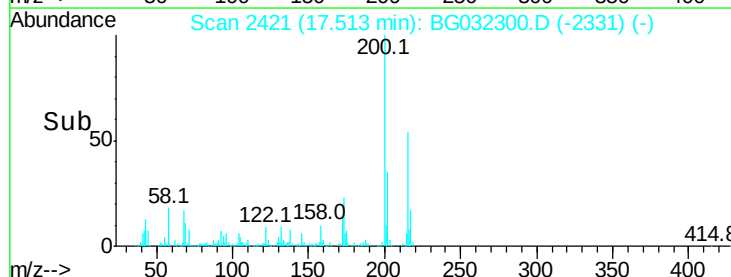
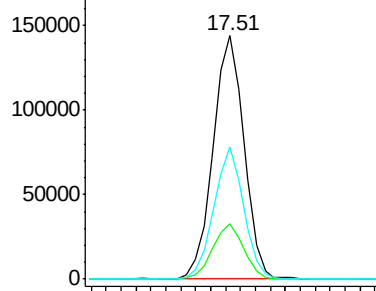


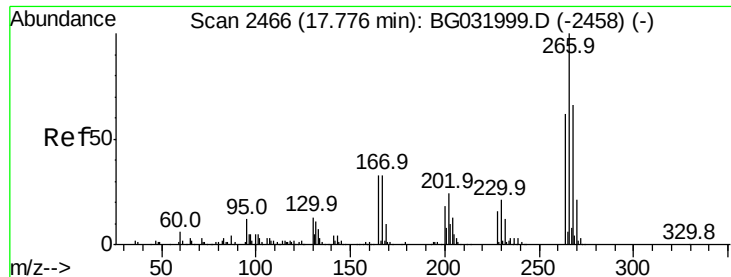
#68
Atrazine
Concen: 50.930 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion:200 Resp: 205645
Ion Ratio Lower Upper
200 100
173 23.0 5.2 45.2
215 54.2 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: 93.992 ng

RT: 17.73 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG032300.D

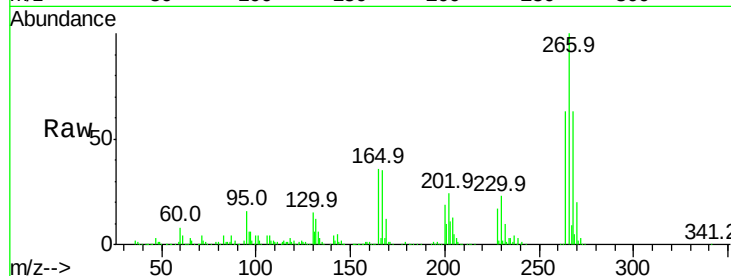
Acq: 25 Jan 2018 19:17

Instrument :

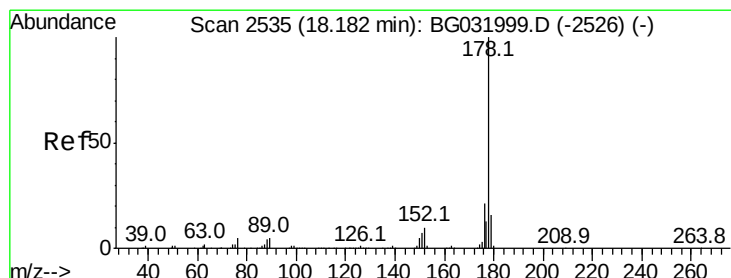
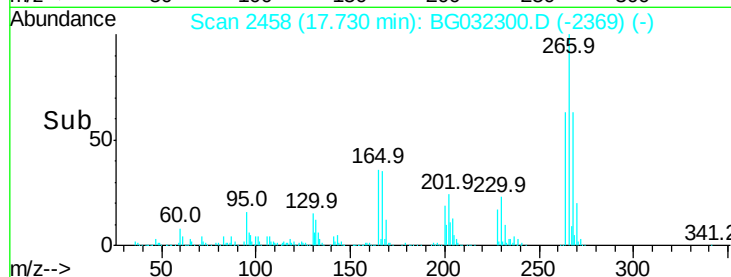
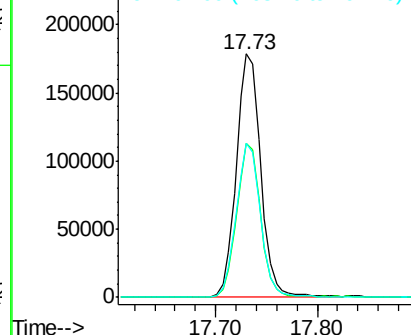
BNA_G

ClientSampleId :

Tot Ion:	266	Resp:	299235
Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.1	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: 46.909 ng

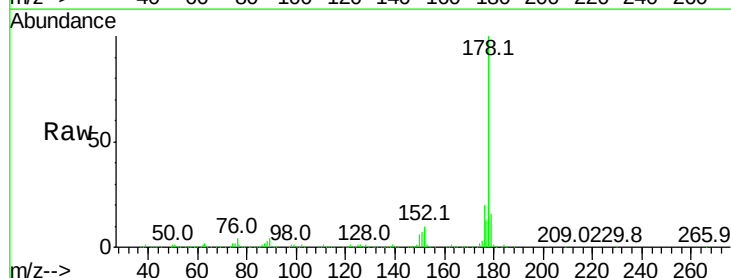
RT: 18.14 min Scan# 2527

Delta R.T. 0.00 min

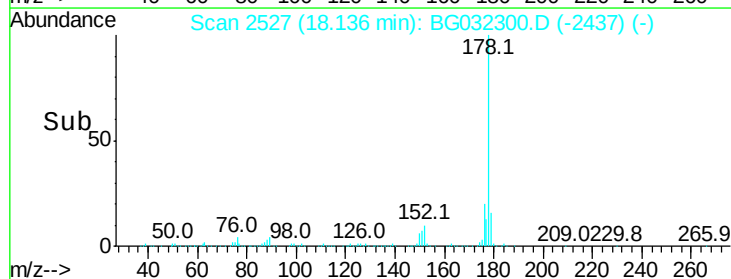
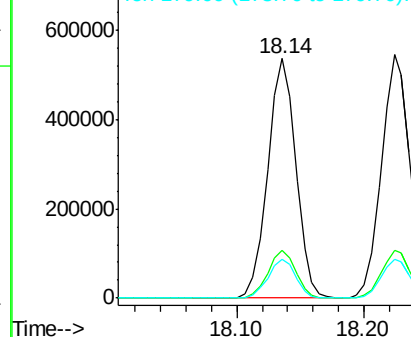
Lab File: BG032300.D

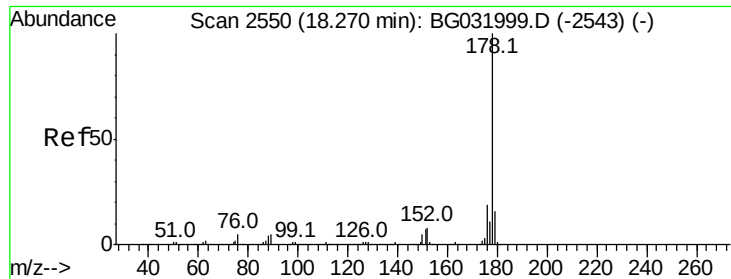
Acq: 25 Jan 2018 19:17

Tgt Ion:	178	Resp:	826373
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.2	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: 48.610 ng

RT: 18.22 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

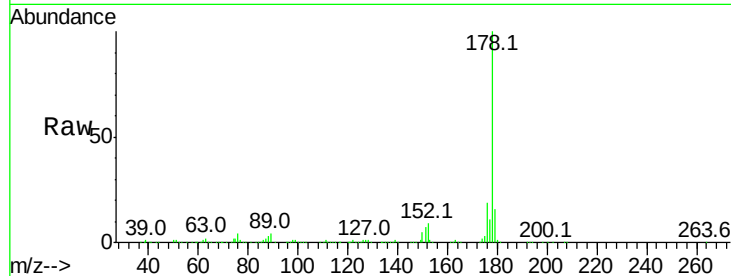
Tot Ion:178 Resp: 854100

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

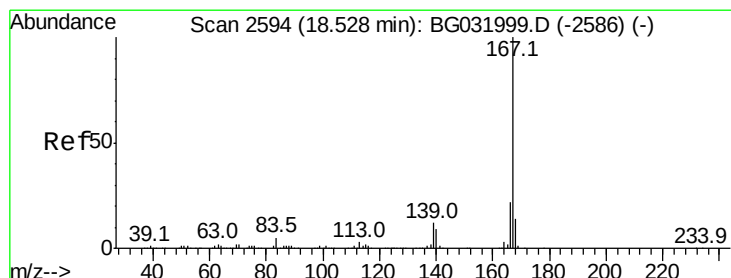
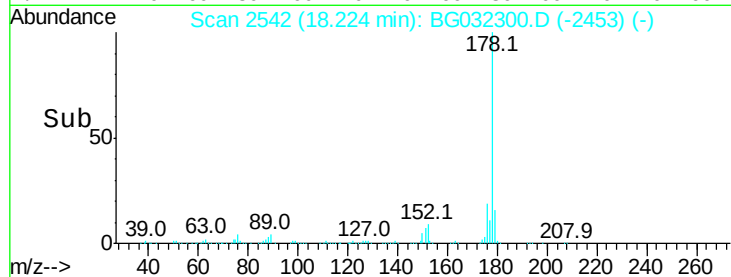
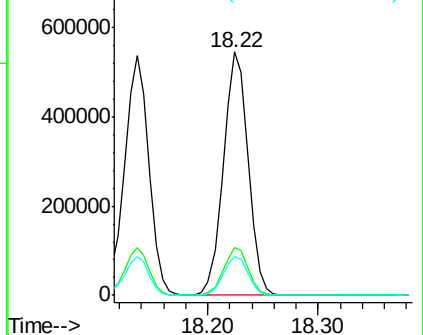
179 16.0 12.5 18.7



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



#72

Carbazole

Concen: 47.551 ng

RT: 18.48 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

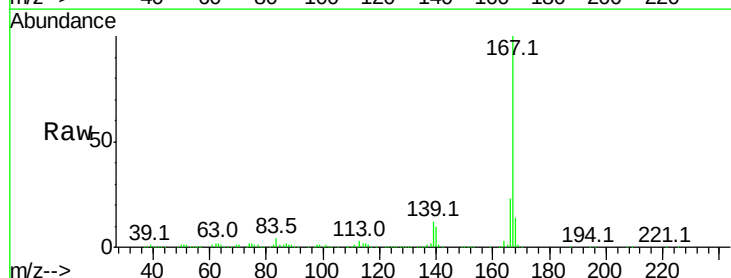
Tgt Ion:167 Resp: 724778

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

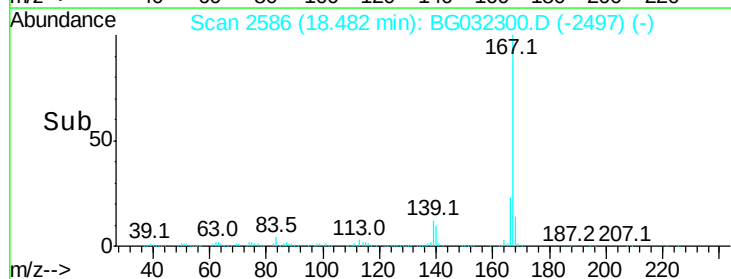
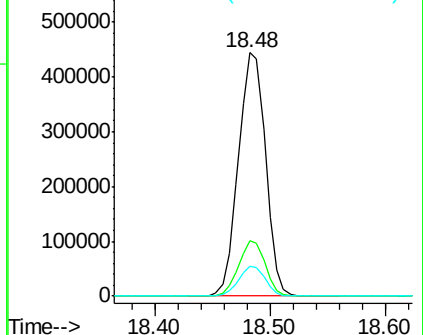
139 12.3 9.4 14.2

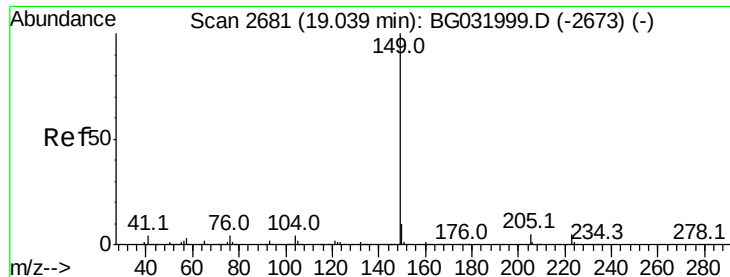


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.905 ng

RT: 18.99 min Scan# 2673

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

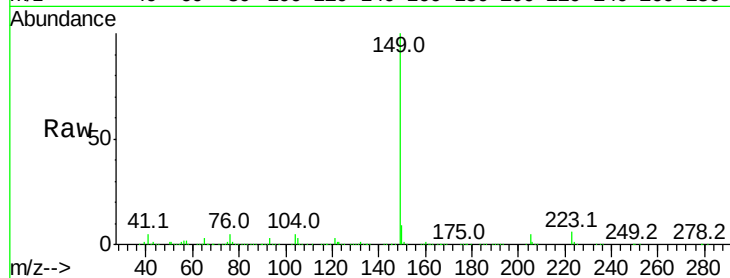
Tot Ion:149 Resp: 808774

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

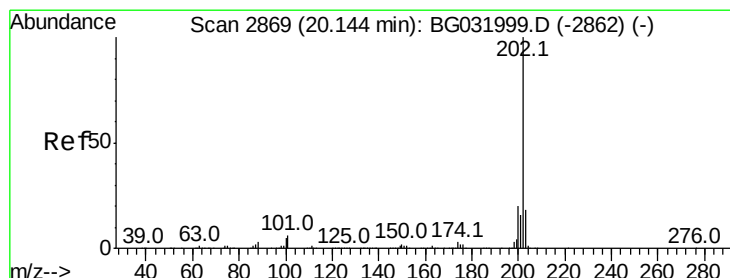
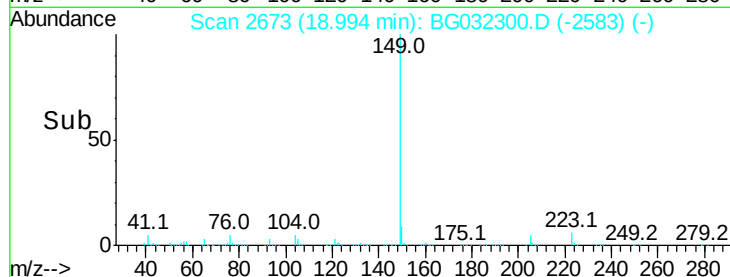
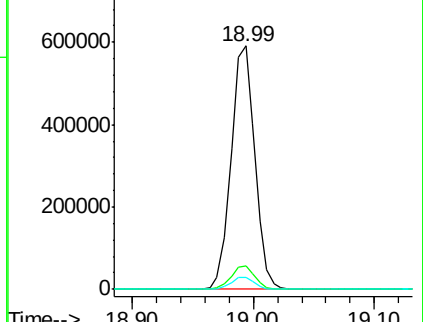
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.988 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

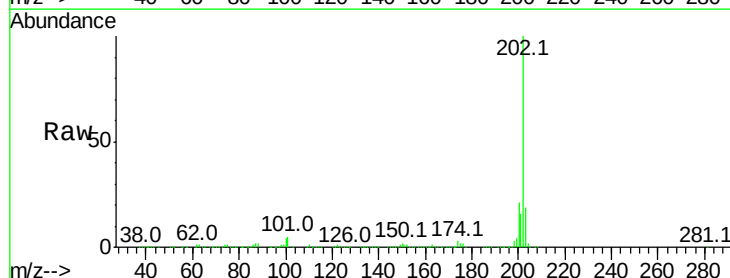
Tgt Ion:202 Resp: 1058456

Ion Ratio Lower Upper

202 100

101 4.6 0.0 28.9

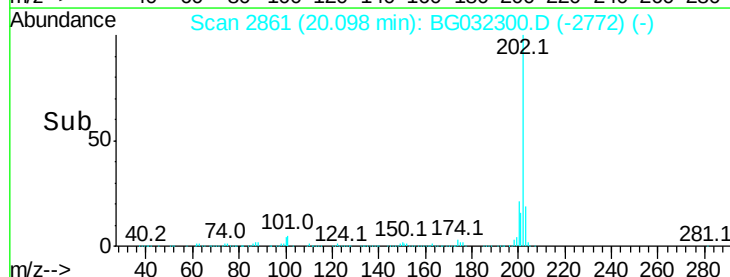
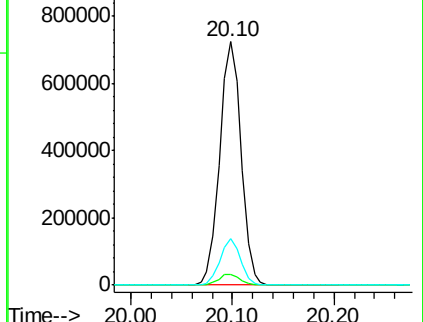
203 18.9 0.0 37.5

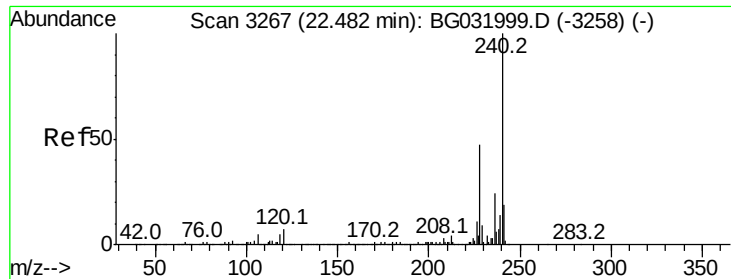


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampled :

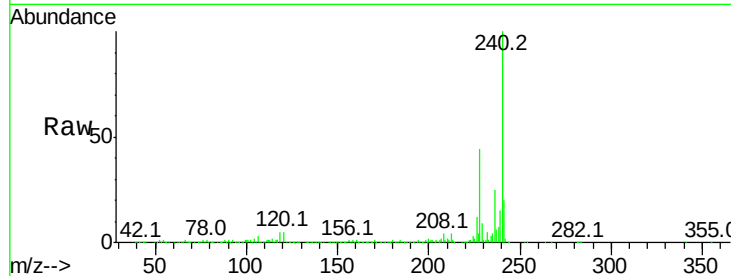
Tot Ion:240 Resp: 382927

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

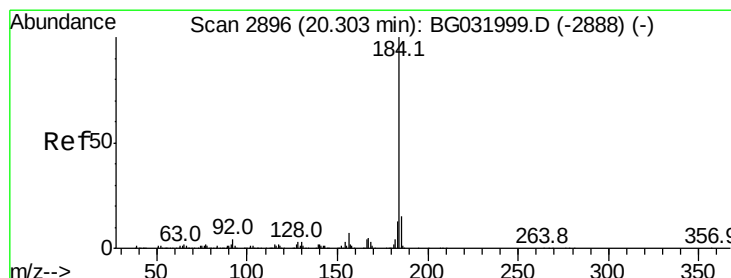
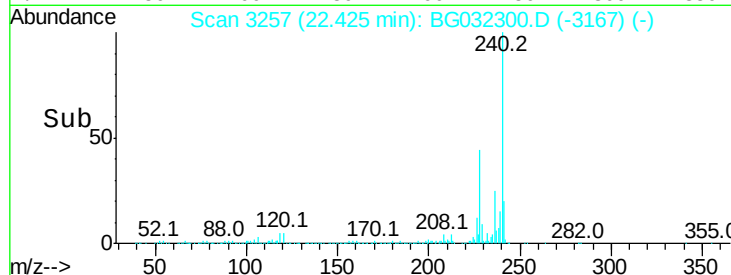
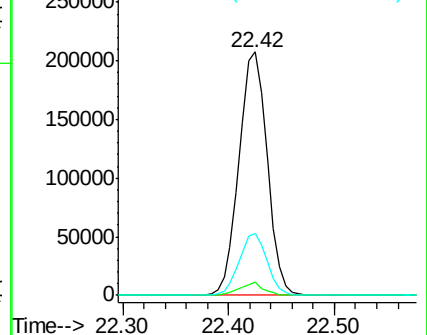
236 25.2 20.9 31.3



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: 10.978 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

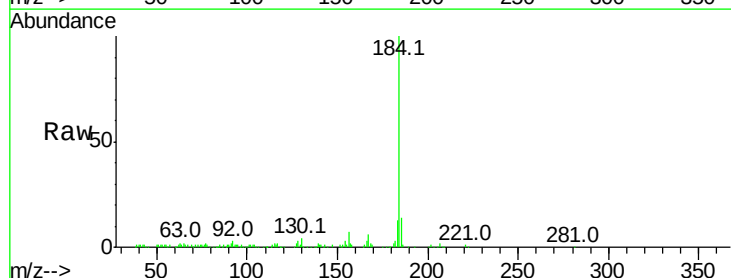
Tgt Ion:184 Resp: 105120

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

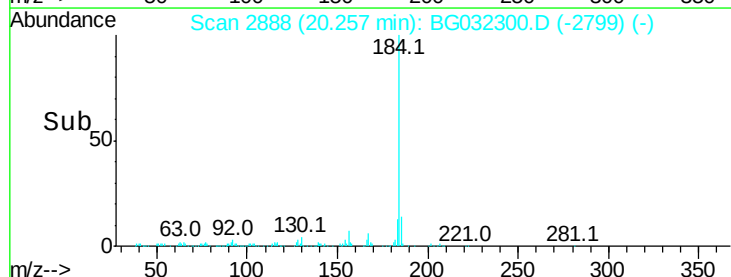
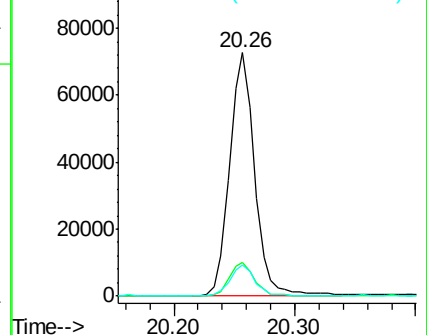
183 12.5 10.6 16.0

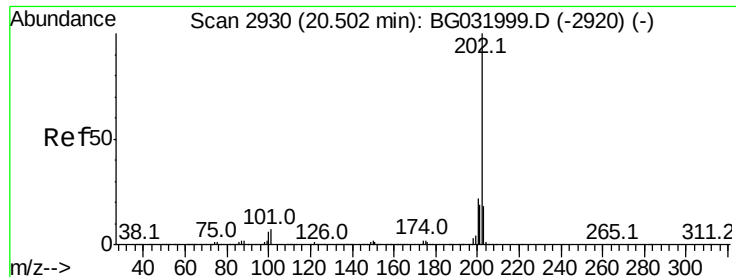


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.422 ng

RT: 20.46 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

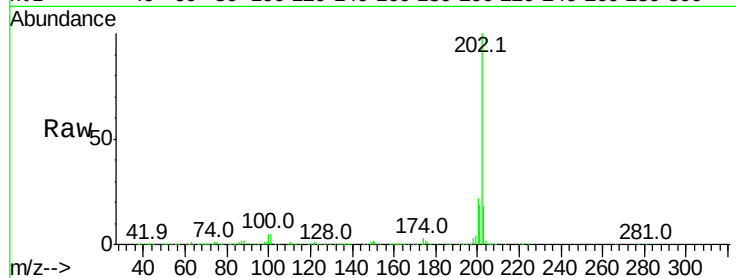
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1069336

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.4	13.9	20.9



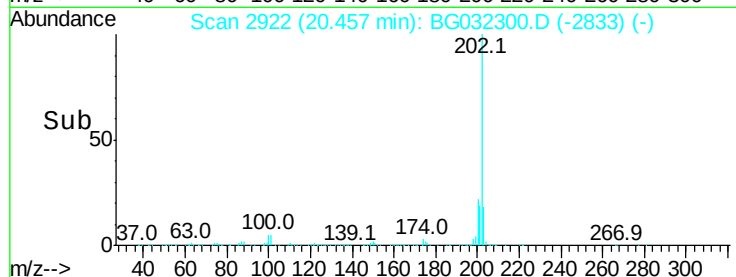
Abundance

Ion 202.00 (201.70 to 202.70): E

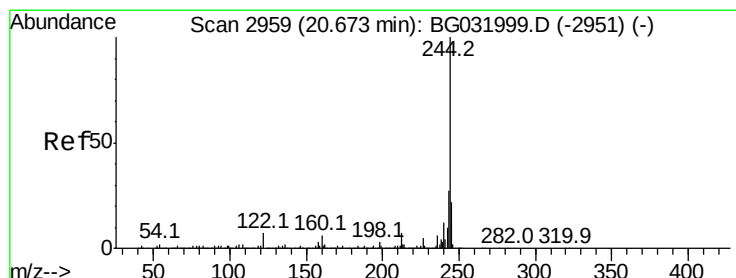
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

20.46



Time-->



#78

Terphenyl-d14

Concen: 100.573 ng

RT: 20.63 min Scan# 2951

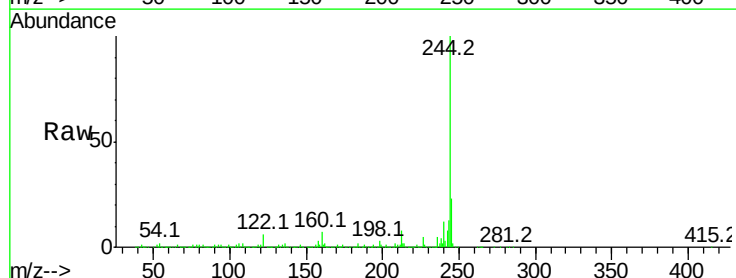
Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion:244 Resp: 1744180

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.8	7.0	10.4



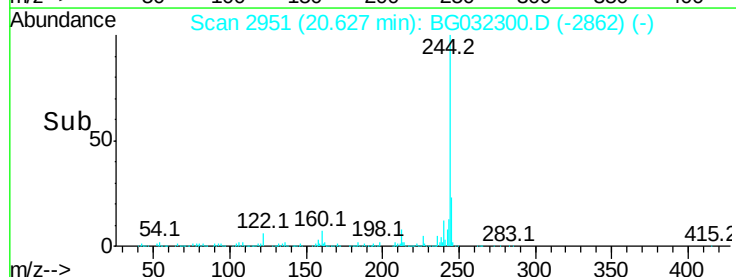
Abundance

Ion 244.00 (243.70 to 244.70): E

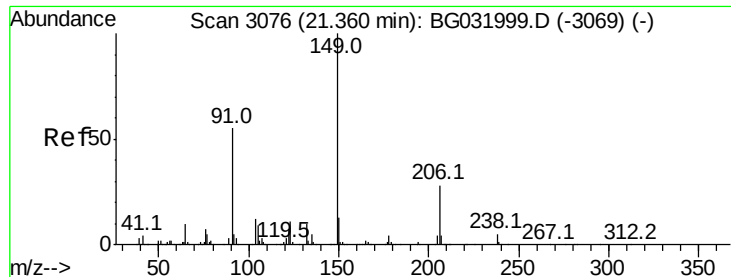
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.63



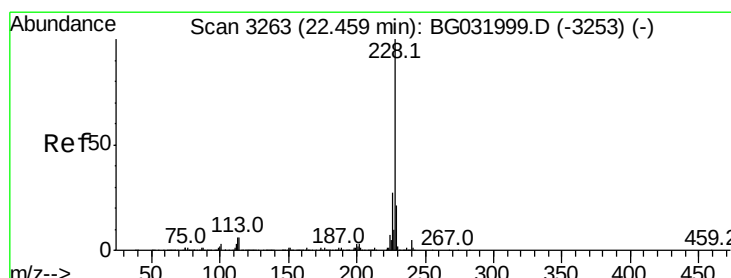
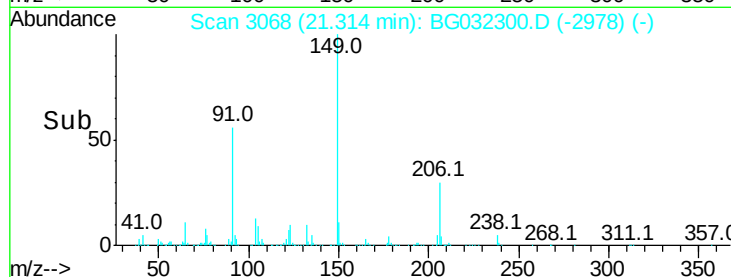
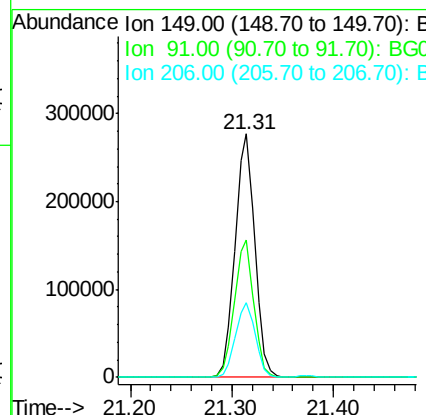
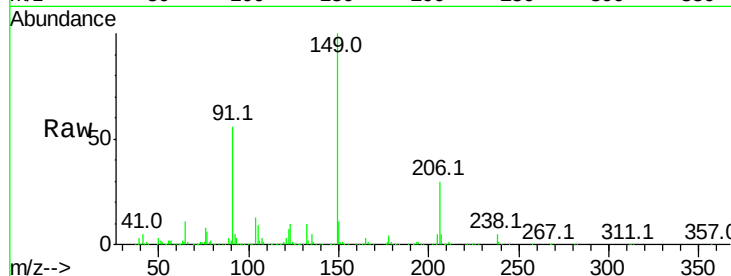
Time-->



#79
Butylbenzylphthalate
Concen: 43.344 ng
RT: 21.31 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

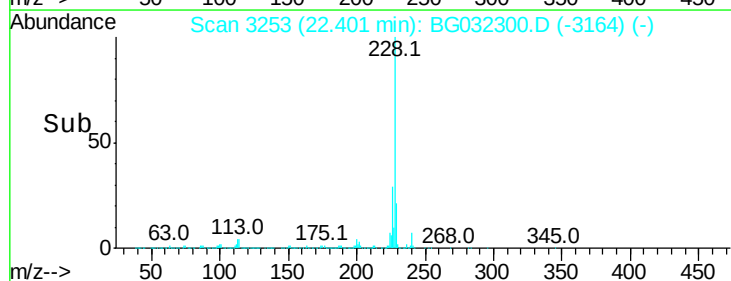
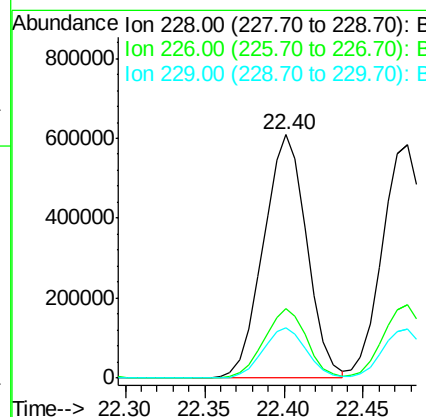
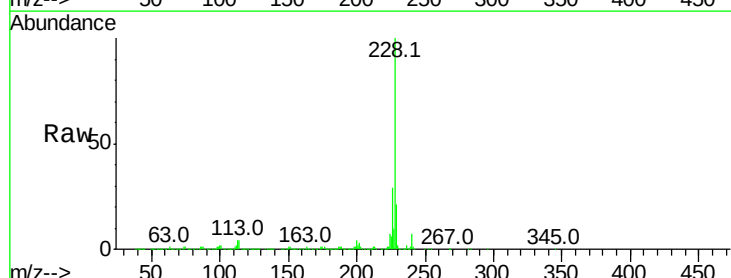
Instrument :
BNA_G
ClientSampled :

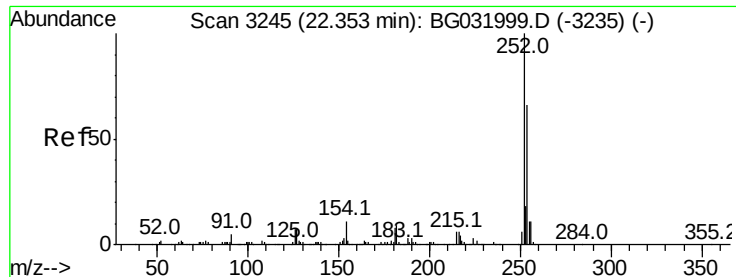
Tot Ion:149 Resp: 373830
Ion Ratio Lower Upper
149 100
91 56.4 62.2 93.2#
206 30.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 48.585 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032300.D
Acq: 25 Jan 2018 19:17

Tgt Ion:228 Resp: 1157013
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.6 16.2 24.2

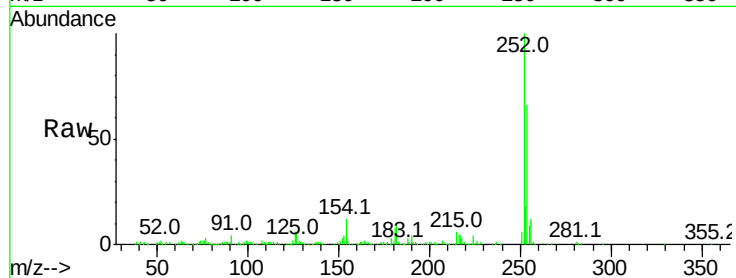




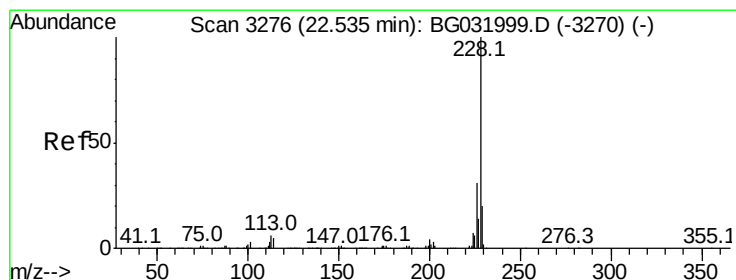
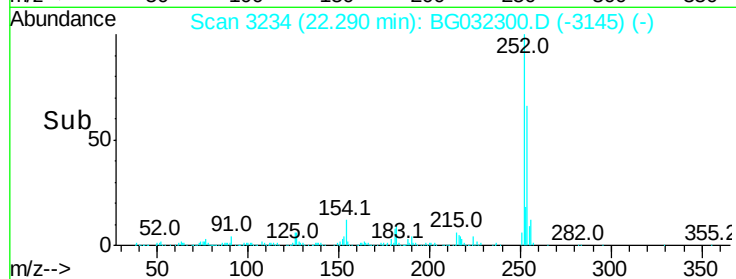
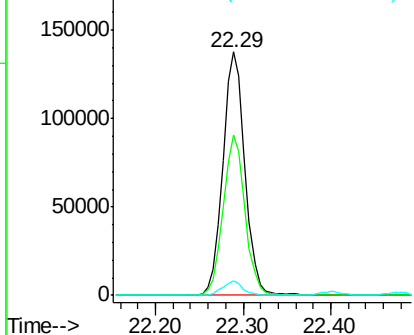
#81
 3,3'-Dichlorobenzidine
 Concen: 26.737 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 237855
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.8 76.2
 126 6.0 7.4 11.2#

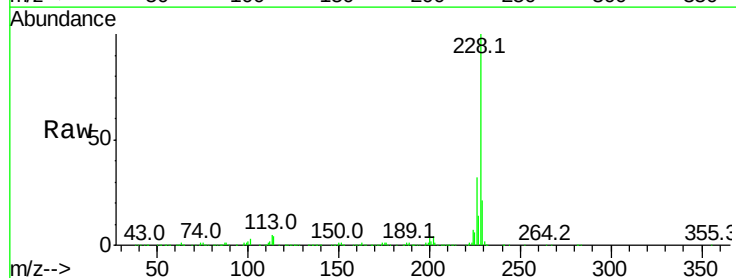


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

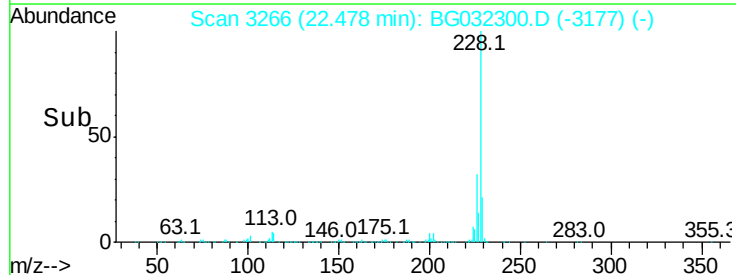
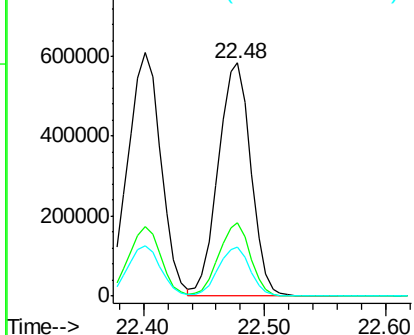


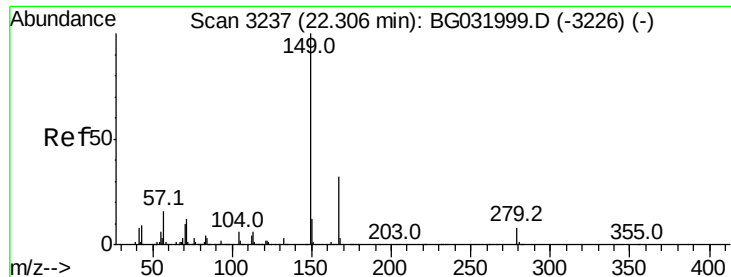
#82
 Chrysene
 Concen: 47.631 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:228 Resp: 1089349
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.9 15.0 22.4



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

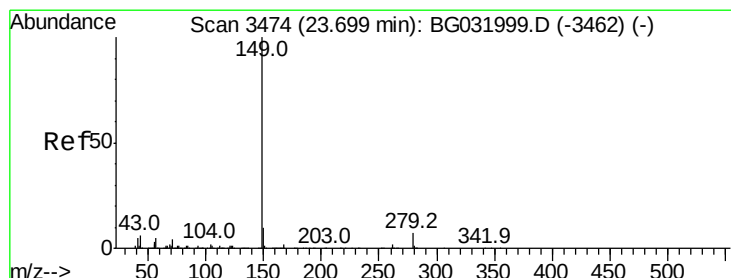
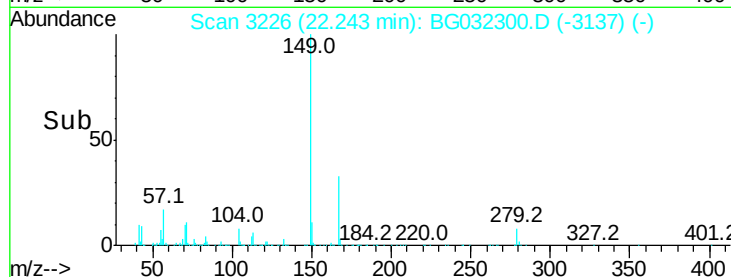
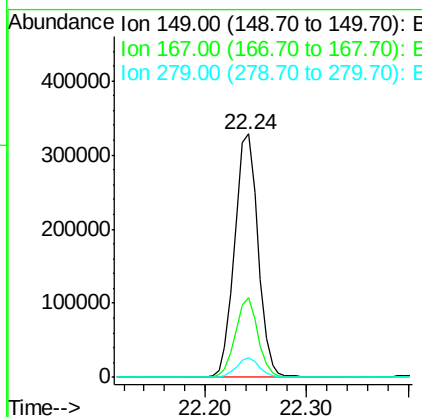
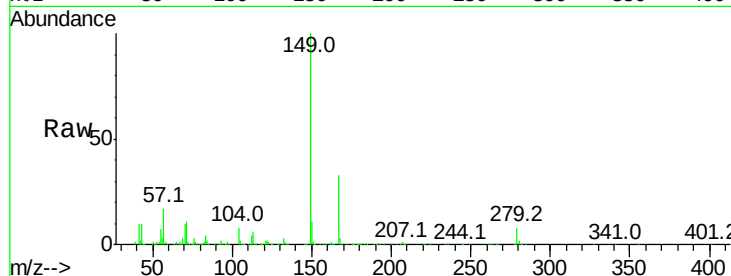




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.846 ng
 RT: 22.24 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

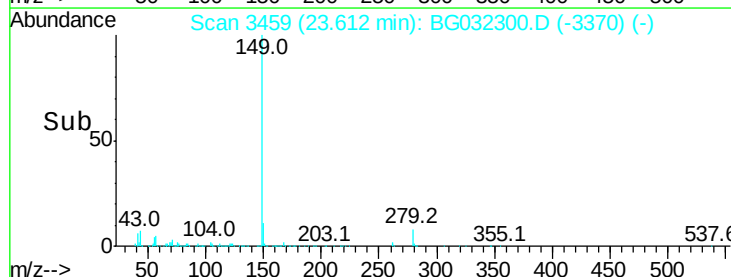
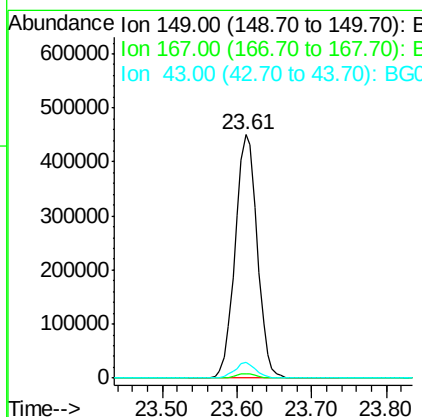
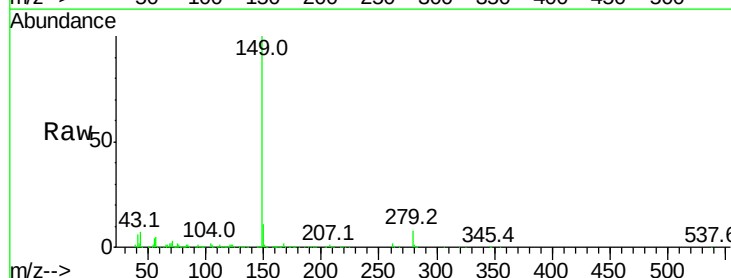
Instrument :
 BNA_G
 ClientSampled :

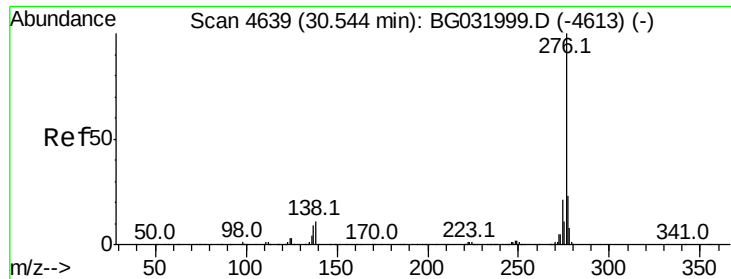
Tot Ion:149 Resp: 529248
 Ion Ratio Lower Upper
 149 100
 167 32.6 24.3 36.5
 279 7.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 45.941 ng
 RT: 23.61 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:149 Resp: 922819
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.1 8.9 13.3#



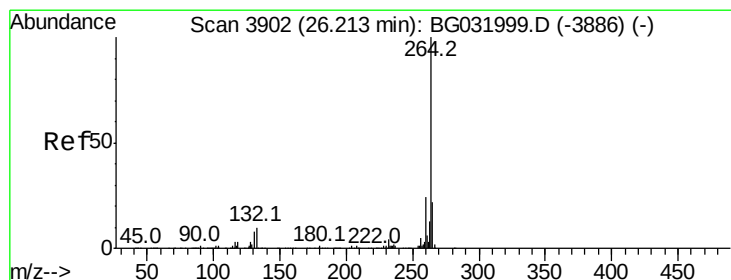
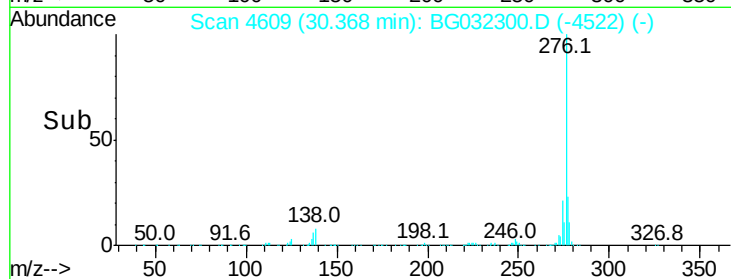
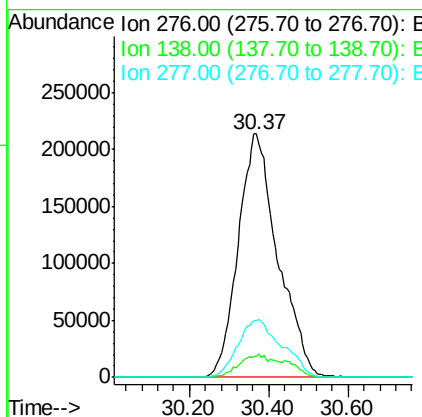
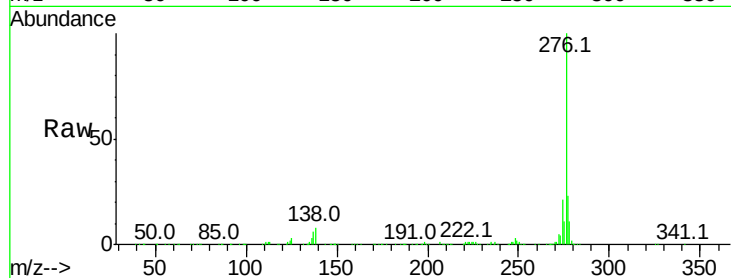


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.973 ng
 RT: 30.37 min Scan# 4609
 Delta R.T. -0.02 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1482649

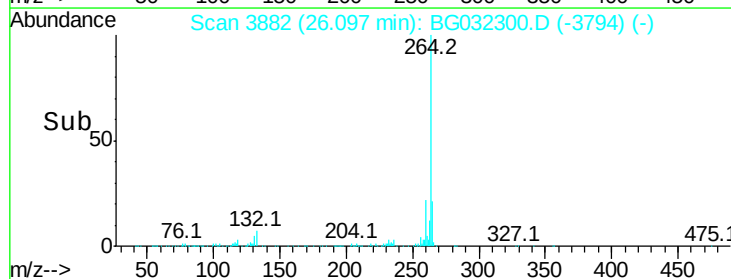
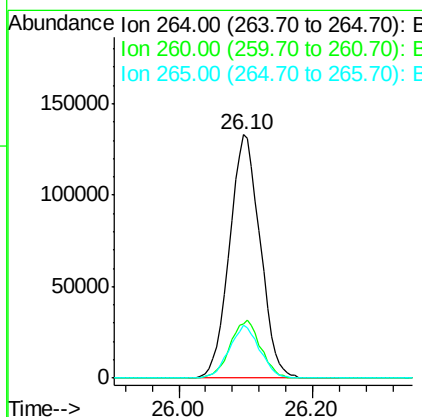
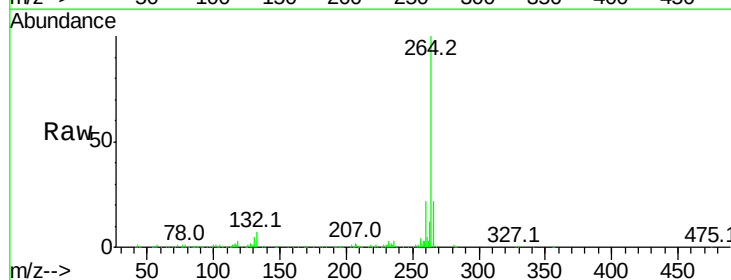
Ion	Ratio	Lower	Upper
276	100		
138	8.5	16.0	24.0#
277	26.3	20.0	30.0

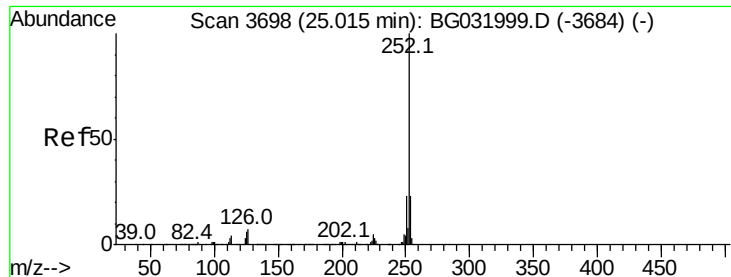


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032300.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:264 Resp: 425339

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.850 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

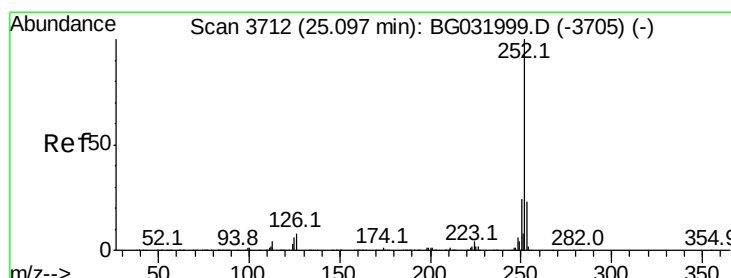
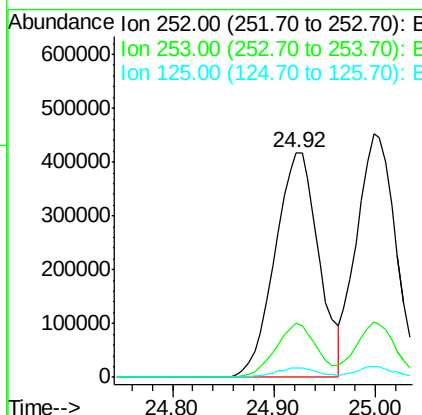
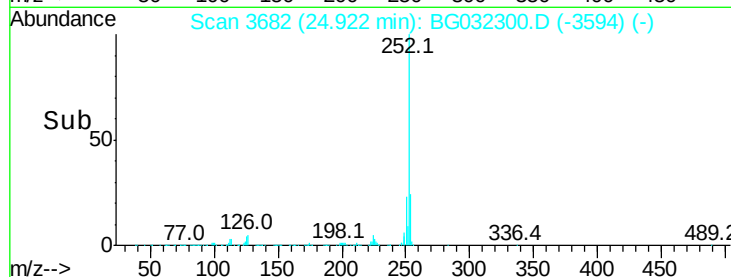
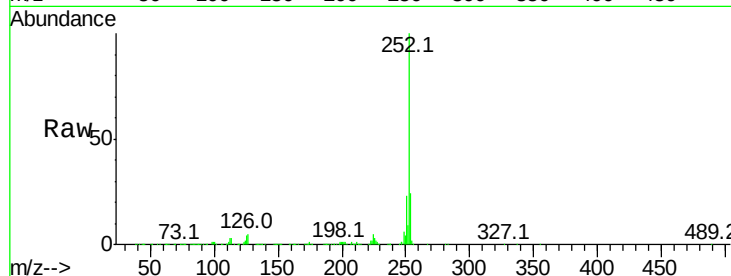
Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1255914

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	4.4	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 48.047 ng

RT: 25.00 min Scan# 3695

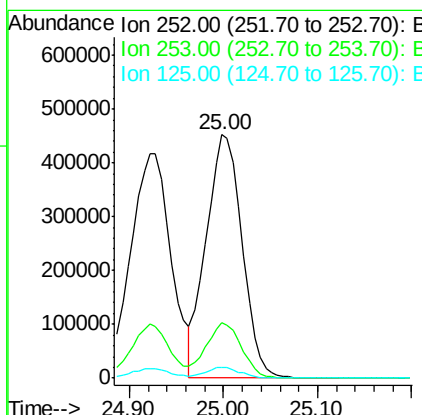
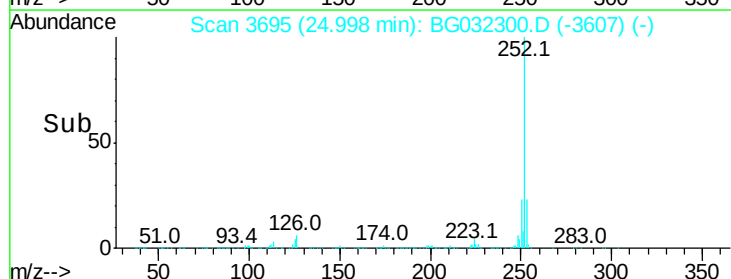
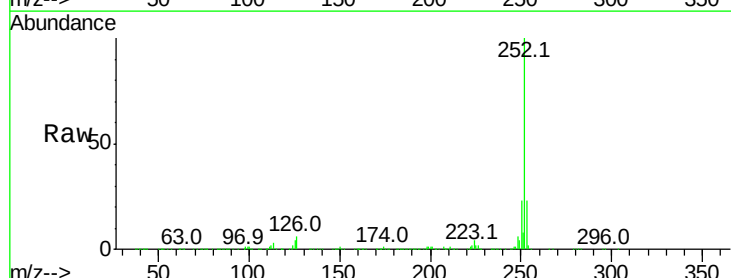
Delta R.T. -0.01 min

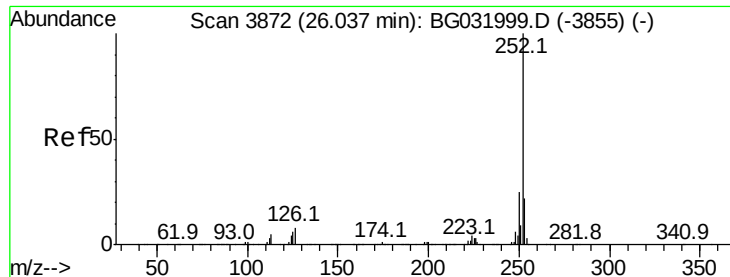
Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Tgt Ion:252 Resp: 1207051

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	4.2	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 50.172 ng

RT: 25.93 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

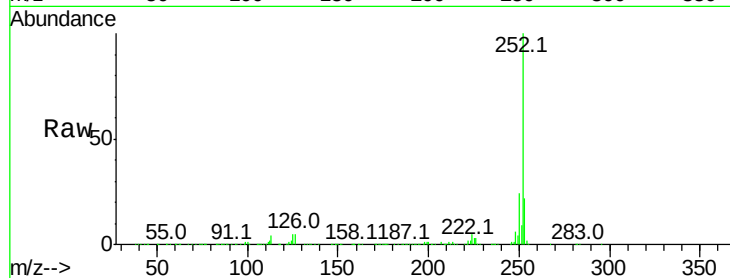
Tot Ion:252 Resp: 1220191

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

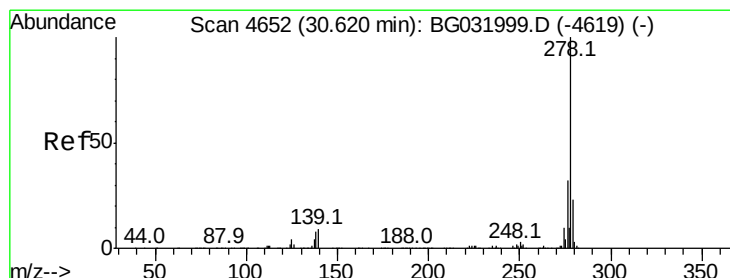
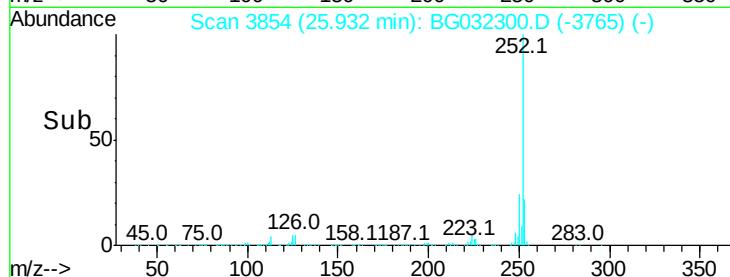
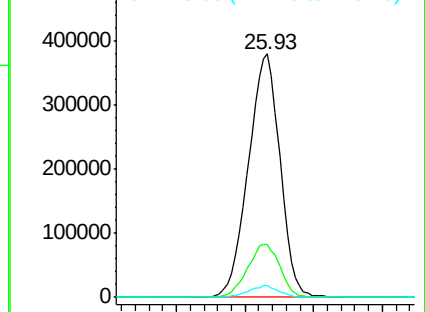
125 4.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.769 ng

RT: 30.45 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

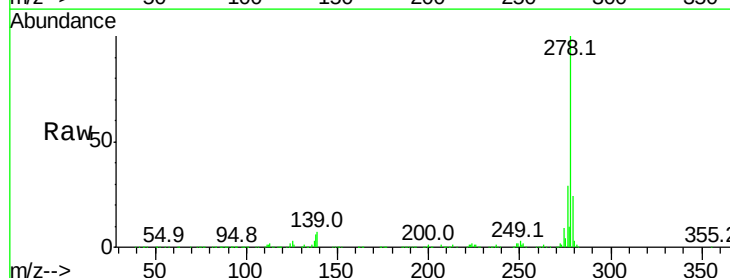
Tgt Ion:278 Resp: 1236685

Ion Ratio Lower Upper

278 100

139 7.1 9.8 14.6#

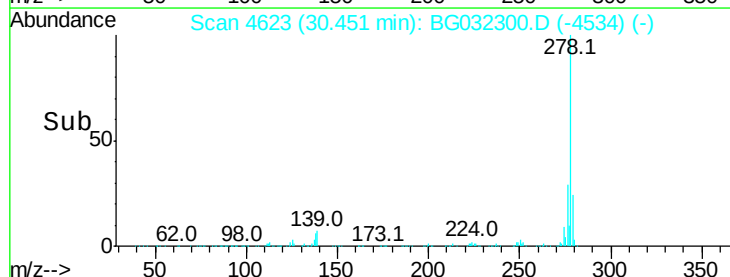
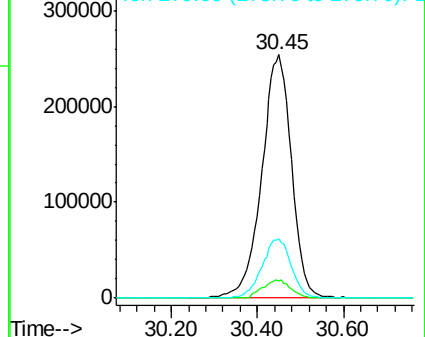
279 24.2 18.4 27.6

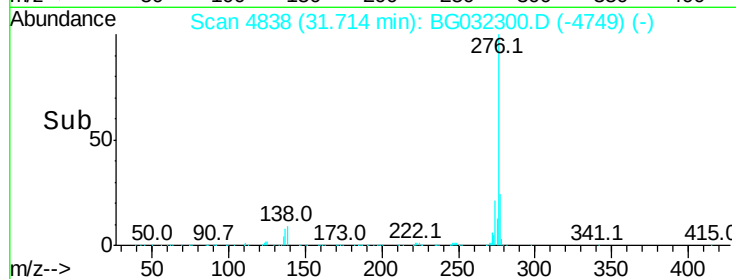
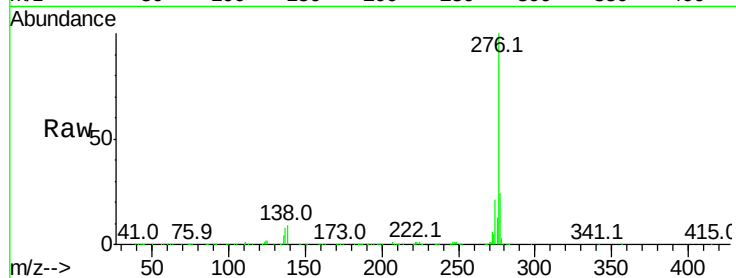
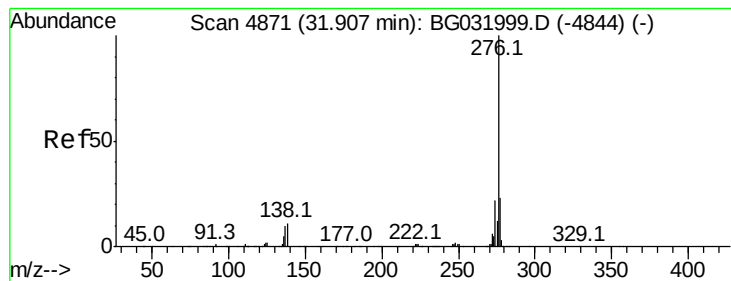


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.997 ng

RT: 31.71 min Scan# 4838

Delta R.T. -0.01 min

Lab File: BG032300.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1245513

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	9.1	13.9	20.9

