

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039201.D
 Acq On : 18 Jan 2019 2:30
 Operator : JU/SJ
 Sample : K1153-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Quant Time: Jan 18 04:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29484	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	118475	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	80462	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	211534	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	217293	20.00	ng	-0.02
87) Perylene-d12	24.95	264	225838	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	209241	134.62	ng	-0.01
7) Phenol-d6	7.18	99	260960	116.67	ng	-0.01
23) Nitrobenzene-d5	9.19	82	193393	89.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	168122	124.65	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	486207	82.70	ng	-0.01
79) Terphenyl-d14	20.01	244	951035	80.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	19870	32.646	ng	# 1
3) Pyridine	3.87	79	53280	32.216	ng	90
4) n-Nitrosodimethylamine	3.78	42	30116	40.467	ng	87
6) Aniline	7.34	93	17565	6.539	ng	97
8) 2-Chlorophenol	7.58	128	73070	39.882	ng	95
9) Benzaldehyde	7.16	77	20260	15.706	ng	96
10) Phenol	7.21	94	77328	34.482	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	68766	40.121	ng	98
12) 1,3-Dichlorobenzene	7.90	146	74729	34.043	ng	99
13) 1,4-Dichlorobenzene	8.05	146	77079	34.671	ng	99
14) 1,2-Dichlorobenzene	8.37	146	74683	35.233	ng	96
15) Benzyl Alcohol	8.26	79	65622	38.957	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	128602	39.130	ng	99
17) 2-Methylphenol	8.46	107	61495	39.492	ng	97
18) Hexachloroethane	9.09	117	27384	36.257	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	55327	37.667	ng	93
20) 3+4-Methylphenols	8.79	107	84294	37.968	ng	98
22) Acetophenone	8.85	105	113534	36.695	ng	# 96
24) Nitrobenzene	9.24	77	83414	38.116	ng	97
25) Isophorone	9.75	82	163702	43.893	ng	98
26) 2-Nitrophenol	9.95	139	44727	37.785	ng	98
27) 2,4-Dimethylphenol	9.99	122	74032	44.454	ng	85
28) bis(2-Chloroethoxy)methane	10.23	93	97839	43.649	ng	99
29) 2,4-Dichlorophenol	10.48	162	84602	40.892	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	84414	33.958	ng	96
31) Naphthalene	10.88	128	236321	39.771	ng	98
32) Benzoic acid	10.16	122	8935	16.454	ng	97
34) Hexachlorobutadiene	11.14	225	55934	32.701	ng	95
35) Caprolactam	11.79	113	11174	13.469	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	87393	39.494	ng	95
37) 2-Methylnaphthalene	12.48	142	176738	39.672	ng	99
38) 1-Methylnaphthalene	12.70	142	169795	39.708	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	107098	35.442	ng	99
41) Hexachlorocyclopentadiene	12.81	237	102957	61.893	ng	98

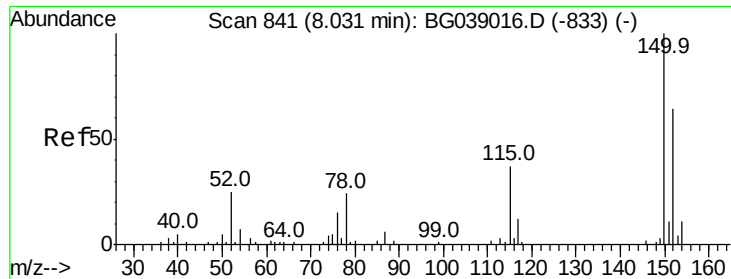
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039201.D
 Acq On : 18 Jan 2019 2:30
 Operator : JU/SJ
 Sample : K1153-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Quant Time: Jan 18 04:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	74420	39.130	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	80170	39.884	ng	96
46) 1,1'-Biphenyl	13.49	154	238655	37.432	ng	99
47) 2-Chloronaphthalene	13.54	162	190486	36.921	ng	99
48) 2-Nitroaniline	13.75	65	58149	40.230	ng	94
49) Acenaphthylene	14.38	152	313102	40.375	ng	98
50) Dimethylphthalate	14.11	163	263688	38.781	ng	99
51) 2,6-Dinitrotoluene	14.24	165	59261	38.983	ng	96
52) Acenaphthene	14.72	154	182495	39.168	ng	94
53) 3-Nitroaniline	14.58	138	4044	2.622	ng	# 87
54) 2,4-Dinitrophenol	14.79	184	29701	35.865	ng	93
55) Dibenzofuran	15.05	168	309657	37.631	ng	99
56) 4-Nitrophenol	14.89	139	78137	70.420	ng	94
57) 2,4-Dinitrotoluene	15.03	165	86585	39.700	ng	95
58) Fluorene	15.70	166	252471	40.761	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	76615	40.377	ng	98
60) Diethylphthalate	15.46	149	273541	39.047	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	140263	35.944	ng	96
62) 4-Nitroaniline	15.75	138	51559	32.094	ng	93
63) Azobenzene	15.98	77	218711	39.922	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	33936	21.654	ng	95
66) n-Nitrosodiphenylamine	15.91	169	231935	36.986	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	94018	34.576	ng	97
68) Hexachlorobenzene	16.70	284	99911	33.673	ng	98
69) Atrazine	16.85	200	97712	36.679	ng	99
70) Pentachlorophenol	17.06	266	87656	50.148	ng	94
71) Phenanthrene	17.45	178	448867	40.145	ng	99
72) Anthracene	17.54	178	452298	40.913	ng	99
73) Carbazole	17.81	167	408518	37.433	ng	98
74) Di-n-butylphthalate	18.34	149	481167	39.632	ng	99
75) Fluoranthene	19.46	202	559089	40.336	ng	99
77) Benzidine	19.65	184	53414	8.037	ng	97
78) Pyrene	19.82	202	564257	40.747	ng	99
80) Butylbenzylphthalate	20.69	149	217767	41.347	ng	97
81) Benzo(a)anthracene	21.66	228	540682	40.875	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	43944	8.154	ng	98
83) Chrysene	21.73	228	507508	40.340	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303211	41.462	ng	97
85) Di-n-octyl phthalate	22.74	149	512847	41.473	ng	100
86) Indeno(1,2,3-cd)pyrene	28.69	276	600509	39.947	ng	100
88) Benzo(b)fluoranthene	23.91	252	539444	43.320	ng	99
89) Benzo(k)fluoranthene	23.91	252	539444	43.814	ng	99
90) Benzo(a)pyrene	24.79	252	511733	42.515	ng	# 98
91) Dibenzo(a,h)anthracene	28.75	278	490602	40.978	ng	97
92) Benzo(g,h,i)perylene	29.88	276	492322	41.538	ng	# 95

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

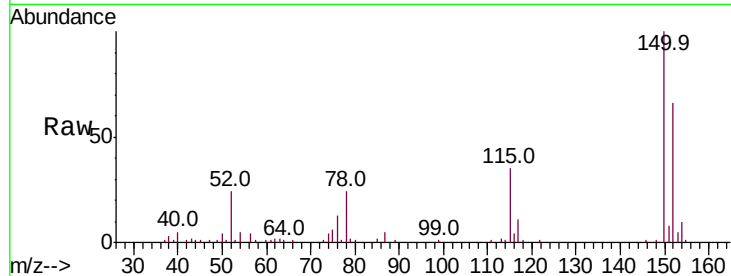


#1

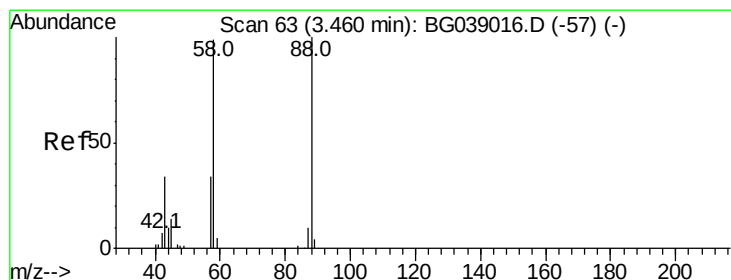
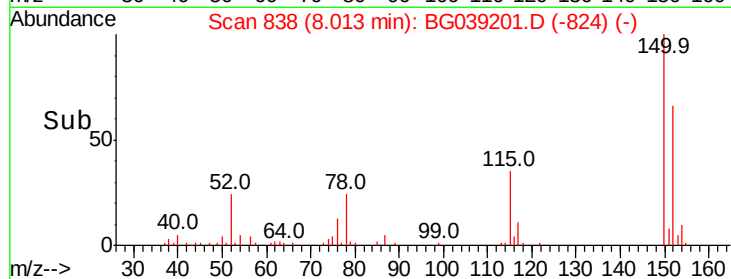
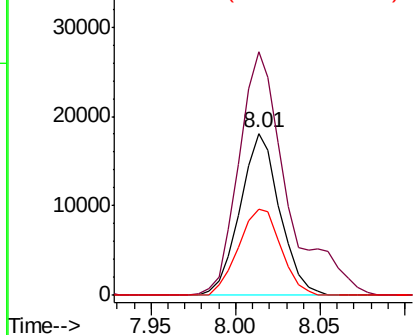
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:152 Resp: 29484
Ion Ratio Lower Upper
152 100
150 150.5 124.7 187.1
115 53.2 46.5 69.7



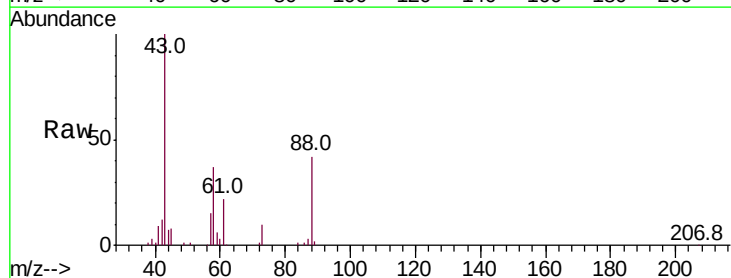
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



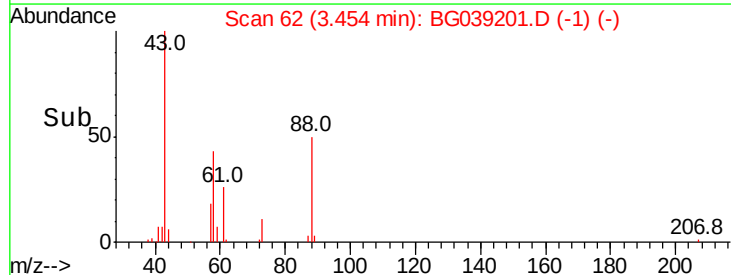
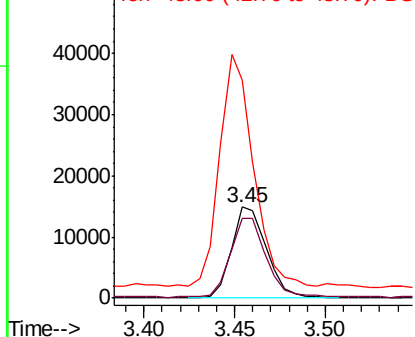
#2

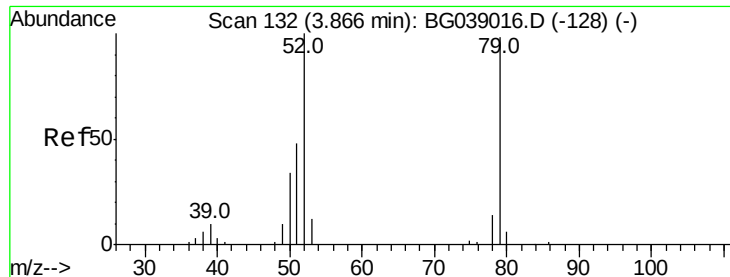
1,4-Dioxane
Concen: 32.646 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion: 88 Resp: 19870
Ion Ratio Lower Upper
88 100
58 94.6 72.4 108.6
43 244.9 27.6 41.4#



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





#3

Pvridine

Concen: 32.216 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

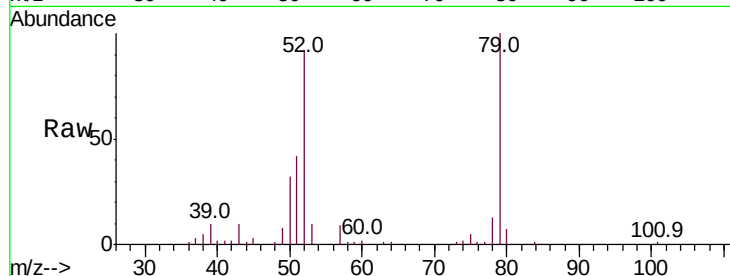
Tot Ion: 79 Resp: 53280

Ion Ratio Lower Upper

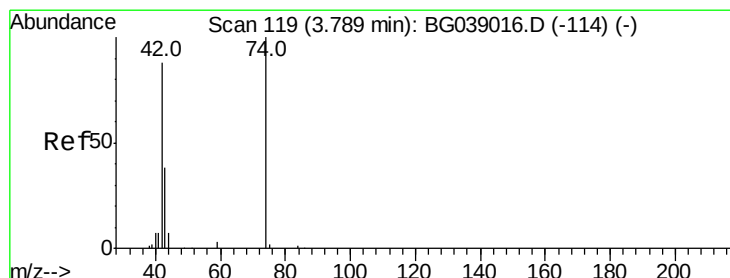
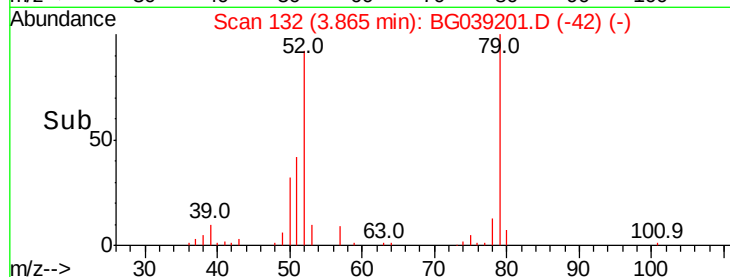
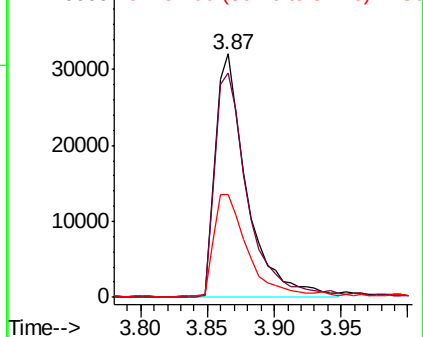
79 100

52 92.3 81.5 122.3

51 42.3 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 40.467 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

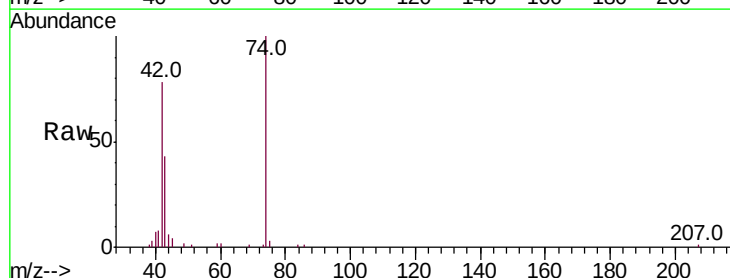
Tgt Ion: 42 Resp: 30116

Ion Ratio Lower Upper

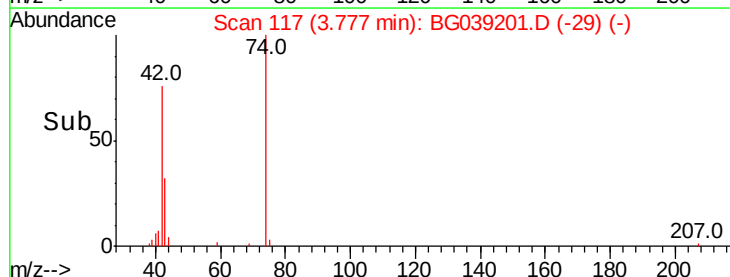
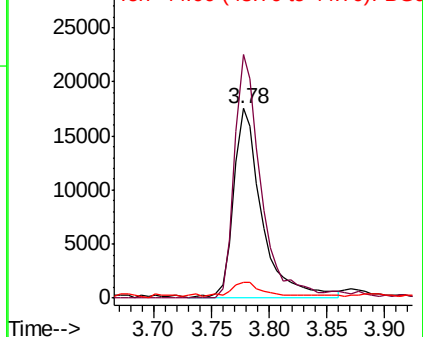
42 100

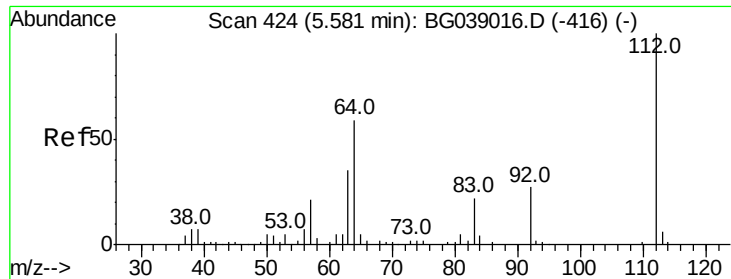
74 128.5 90.7 136.1

44 8.1 6.5 9.7



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





#5

2-Fluorophenol

Concen: 134.624 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

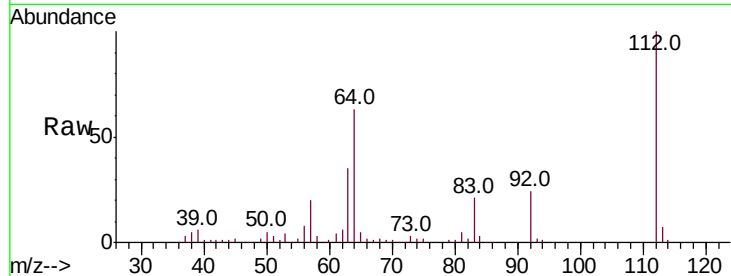
Tot Ion:112 Resp: 209241

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

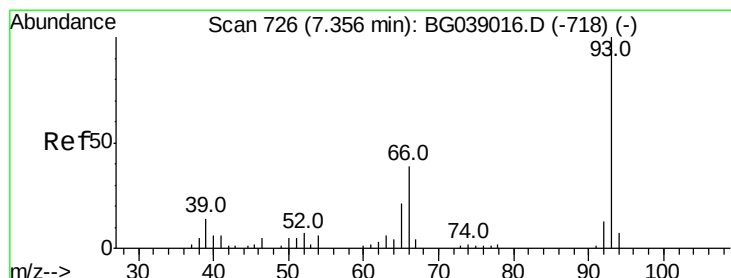
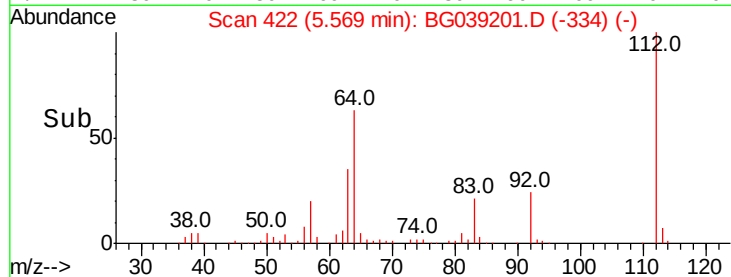
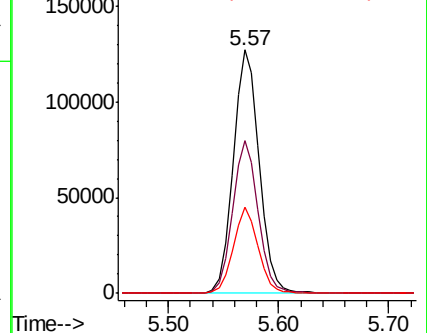
63 35.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.539 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

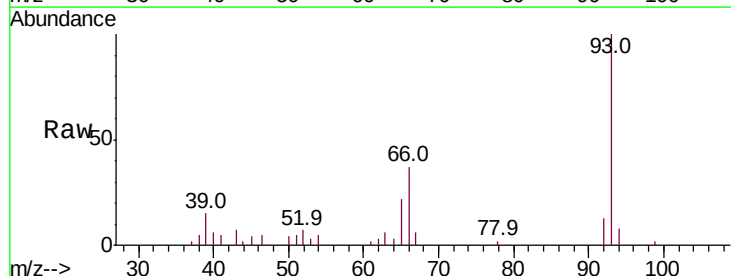
Tgt Ion: 93 Resp: 17565

Ion Ratio Lower Upper

93 100

66 36.9 30.9 46.3

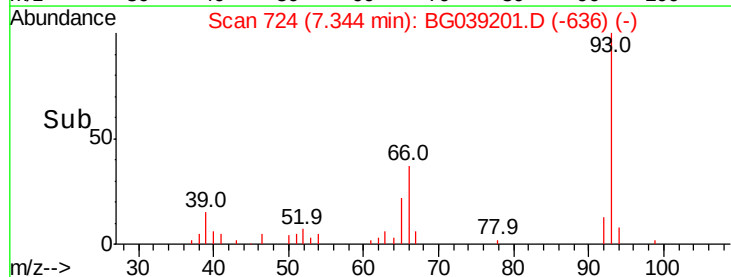
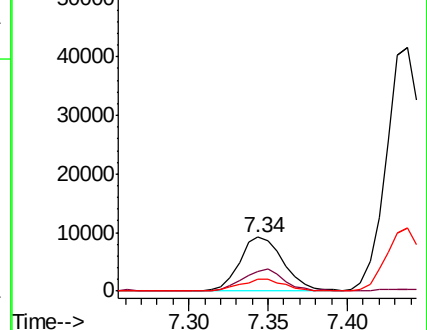
65 22.2 17.0 25.4

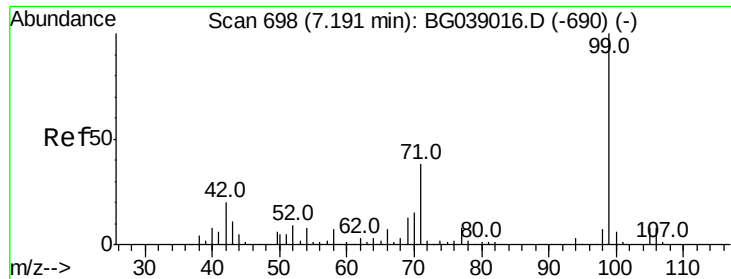


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.668 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

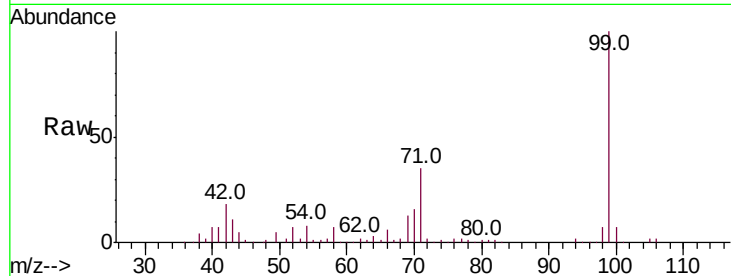
Tot Ion: 99 Resp: 260960

Ion Ratio Lower Upper

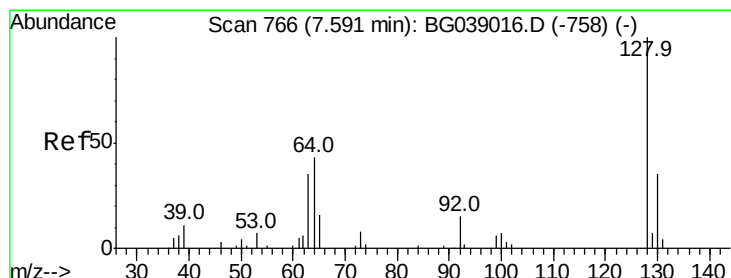
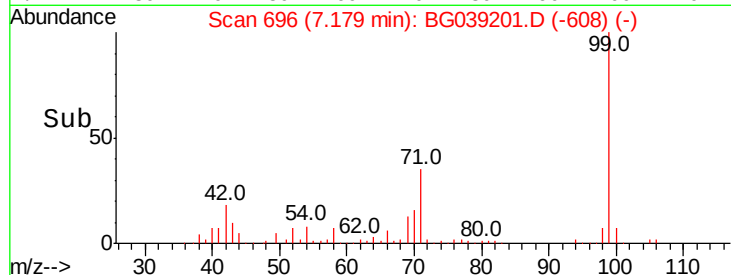
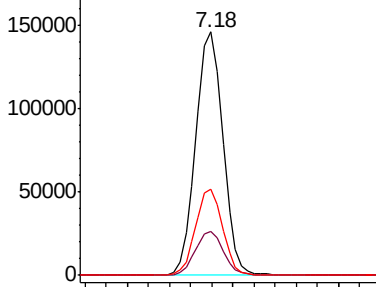
99 100

42 18.3 15.8 23.6

71 35.5 30.2 45.4



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



#8

2-Chlorophenol

Concen: 39.882 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

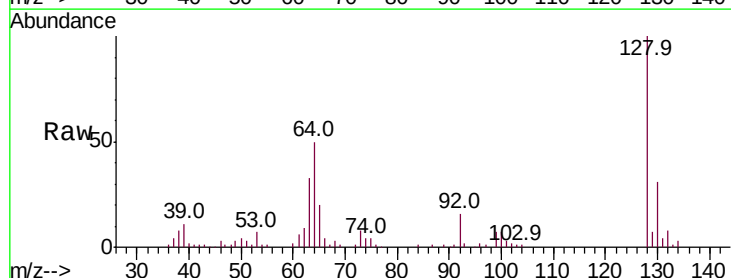
Tgt Ion: 128 Resp: 73070

Ion Ratio Lower Upper

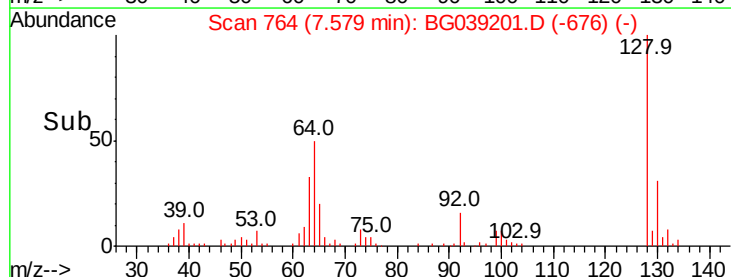
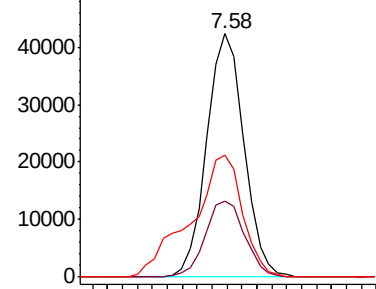
128 100

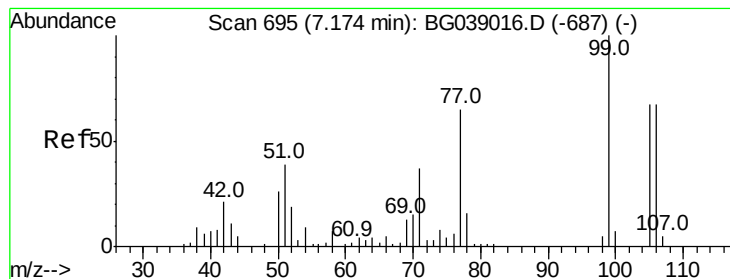
130 31.4 14.5 54.5

64 50.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 15.706 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

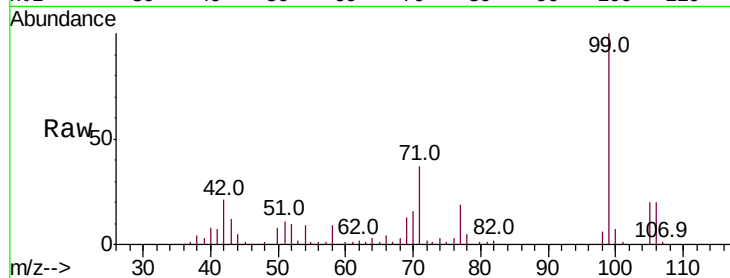
Tot Ion: 77 Resp: 20260

Ion Ratio Lower Upper

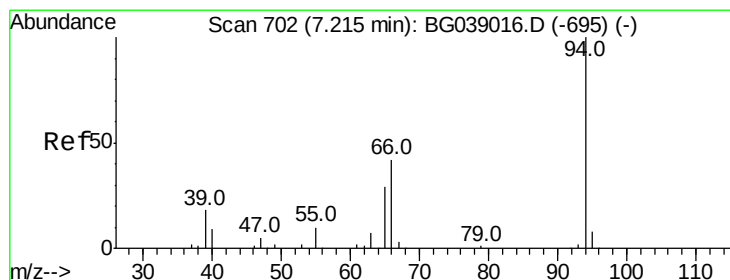
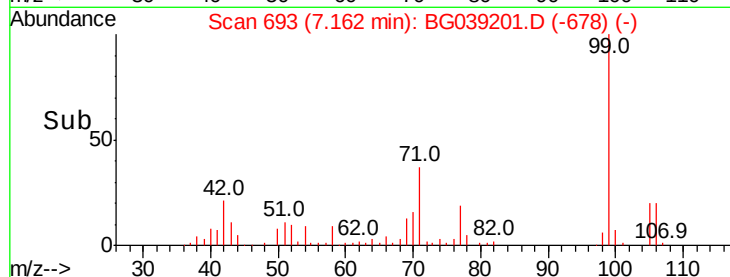
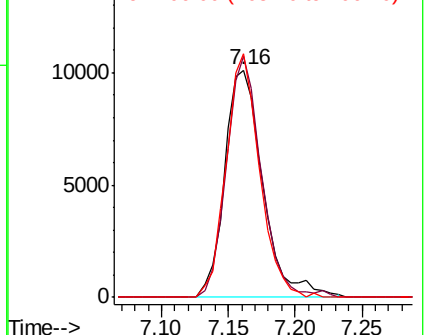
77 100

105 106.2 82.4 122.4

106 107.2 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 34.482 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

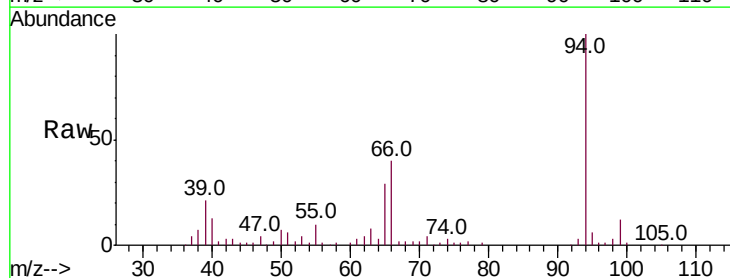
Tgt Ion: 94 Resp: 77328

Ion Ratio Lower Upper

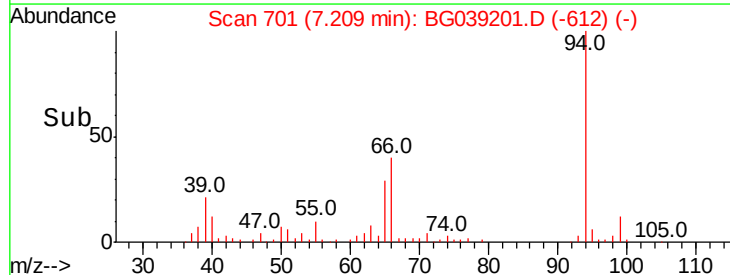
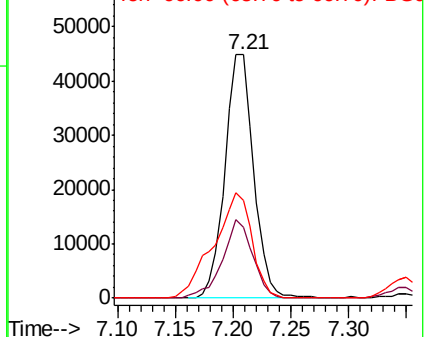
94 100

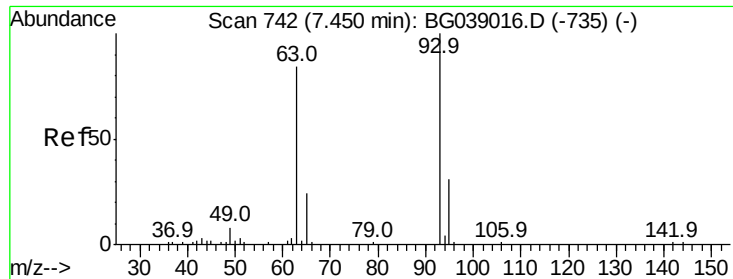
65 29.2 10.3 50.3

66 39.9 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.121 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

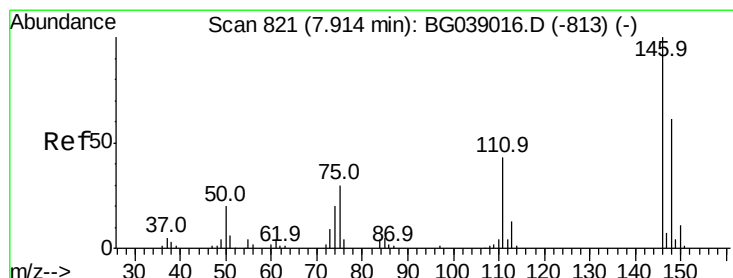
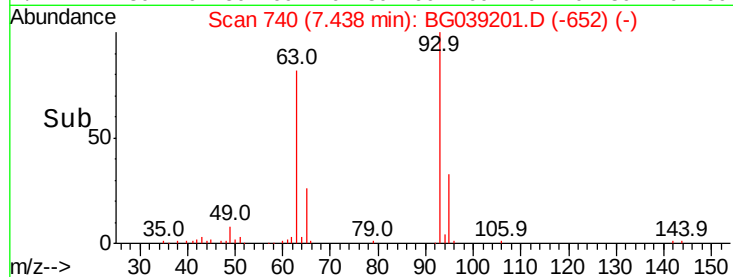
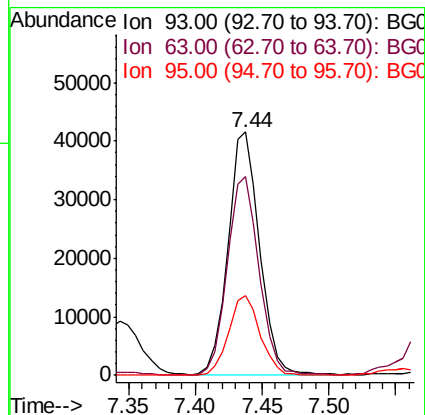
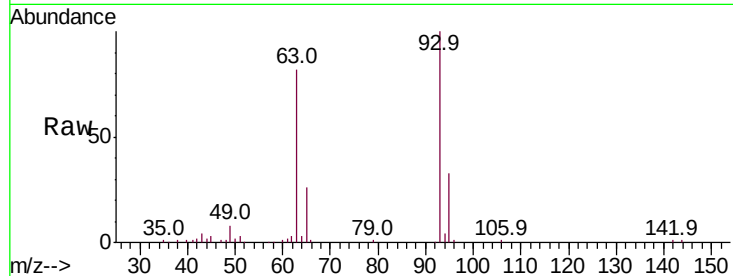
Tot Ion: 93 Resp: 68766

Ion Ratio Lower Upper

93 100

63 81.7 63.2 103.2

95 32.5 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 34.043 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

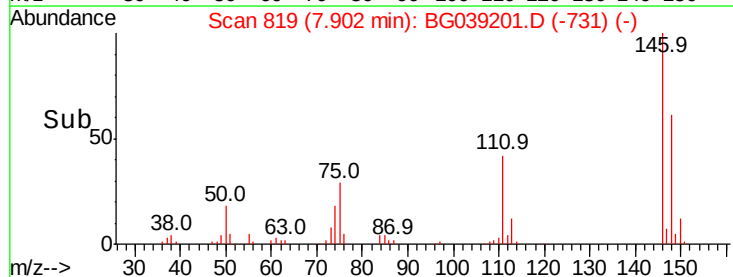
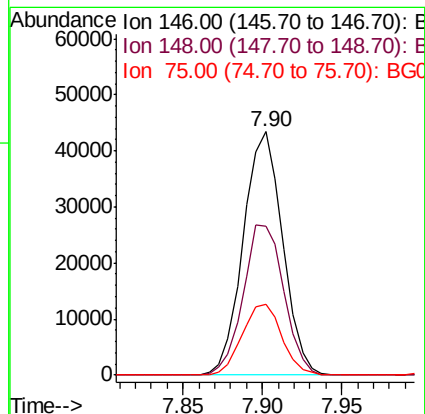
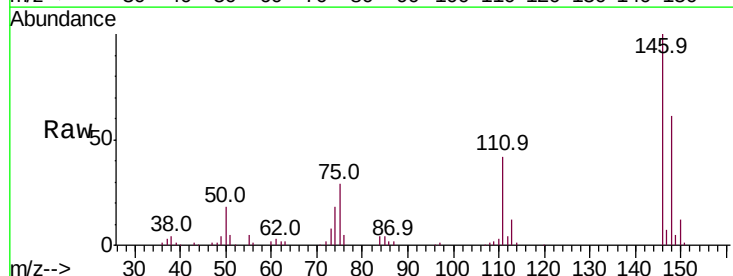
Tgt Ion: 146 Resp: 74729

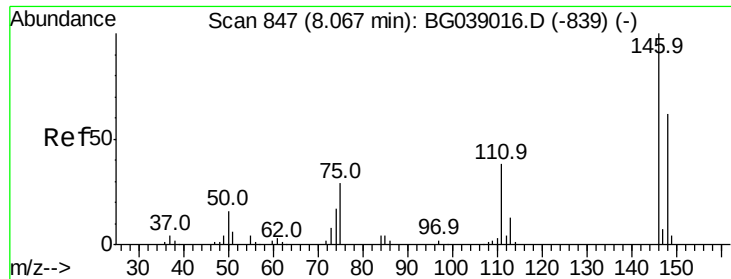
Ion Ratio Lower Upper

146 100

148 61.0 49.1 73.7

75 28.9 23.9 35.9

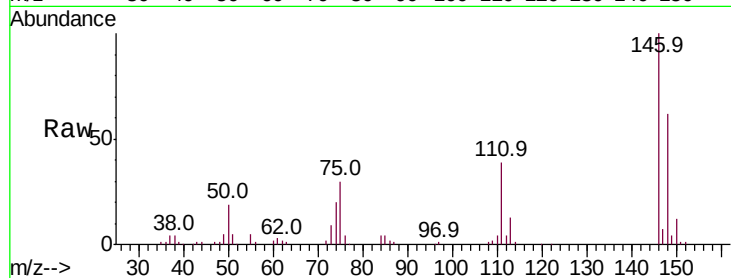




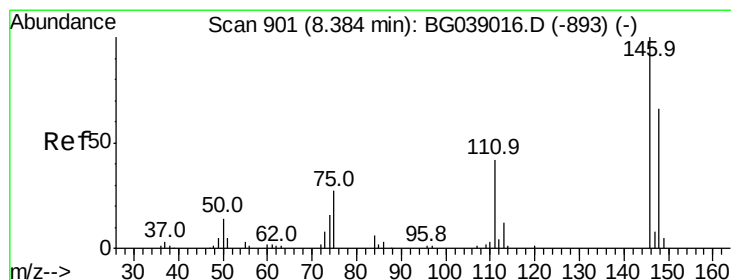
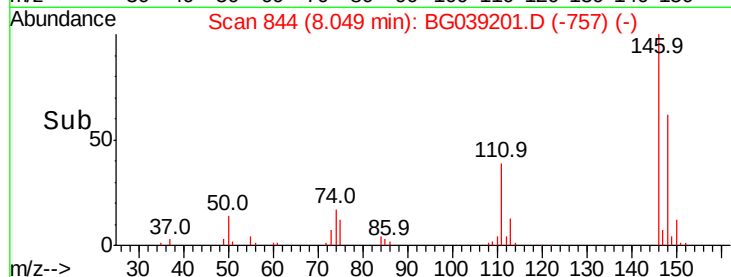
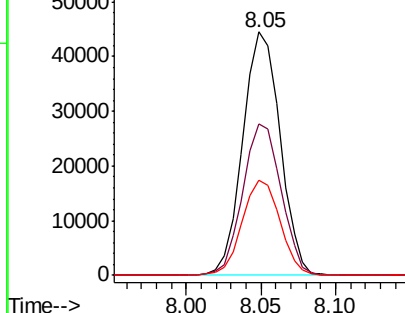
#13
 1,4-Dichlorobenzene
 Concen: 34.671 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion:146 Resp: 77079
 Ion Ratio Lower Upper
 146 100
 148 62.0 49.8 74.6
 111 39.1 30.6 45.8

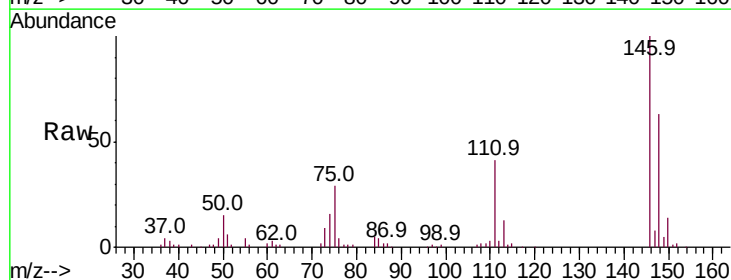


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

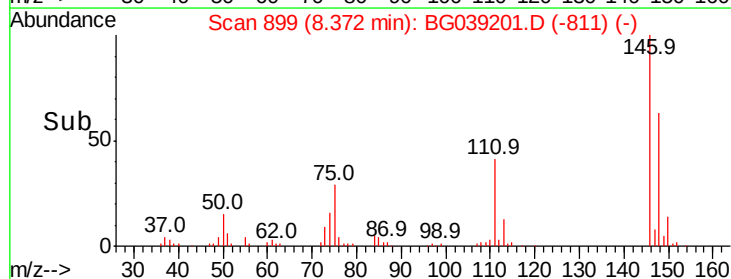
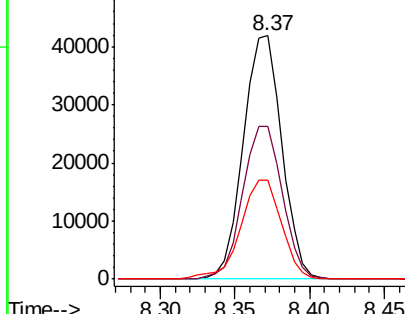


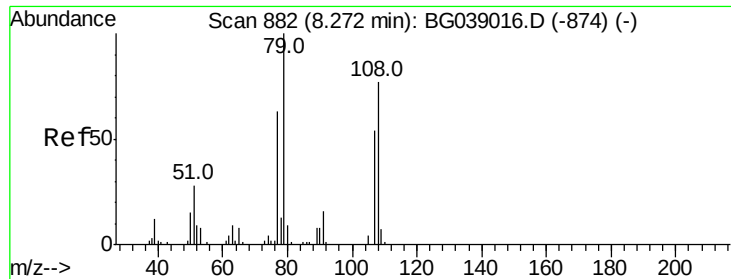
#14
 1,2-Dichlorobenzene
 Concen: 35.233 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:146 Resp: 74683
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.6 79.0
 111 40.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 38.957 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

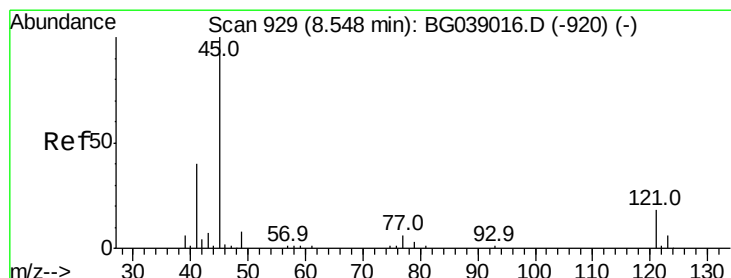
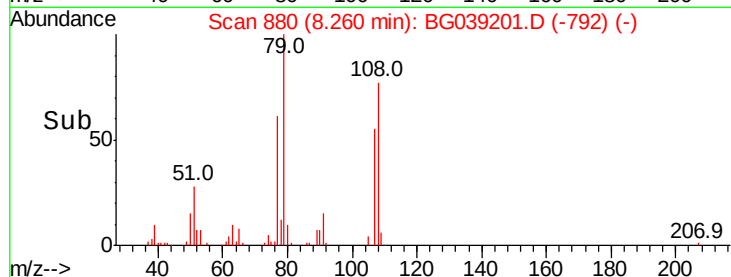
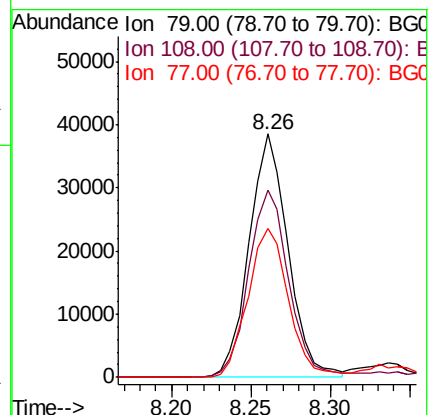
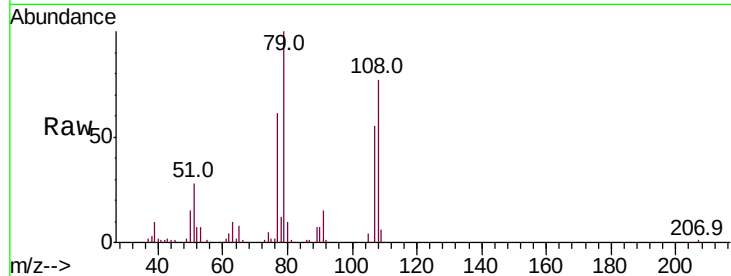
Tot Ion: 79 Resp: 65622

Ion Ratio Lower Upper

79 100

108 77.0 62.0 93.0

77 61.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.130 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

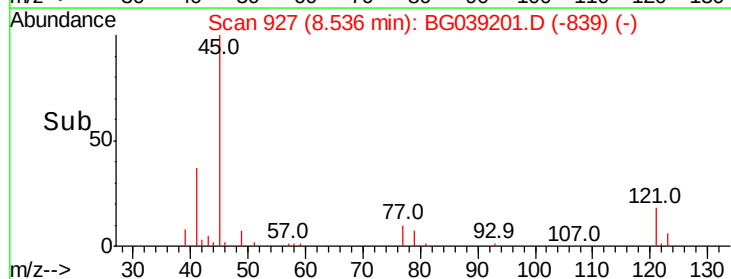
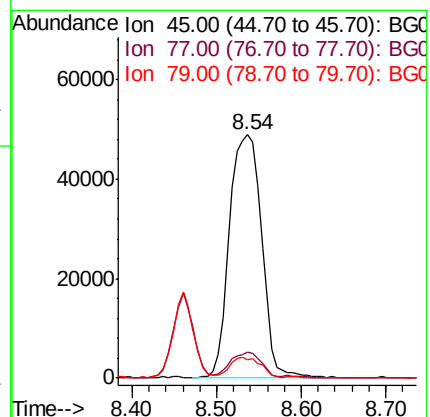
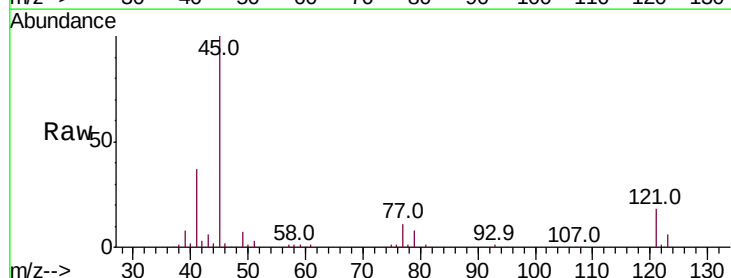
Tgt Ion: 45 Resp: 128602

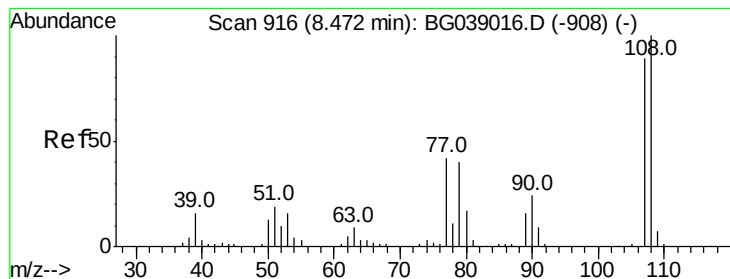
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

79 7.7 0.0 28.5

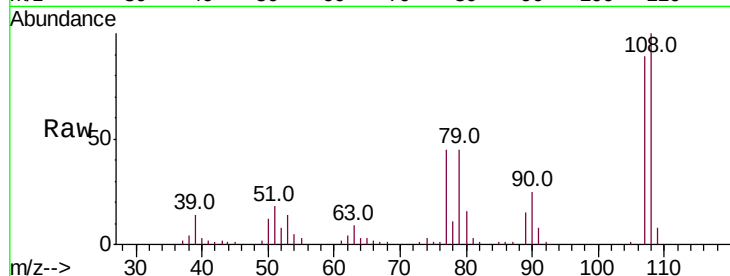




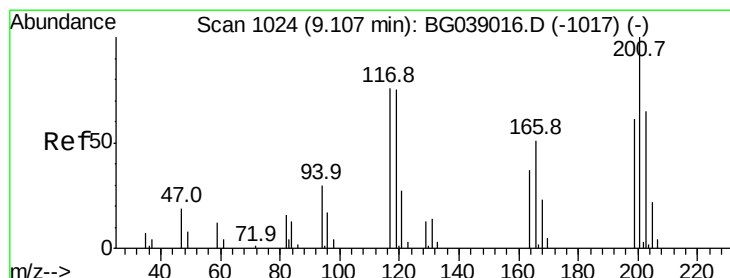
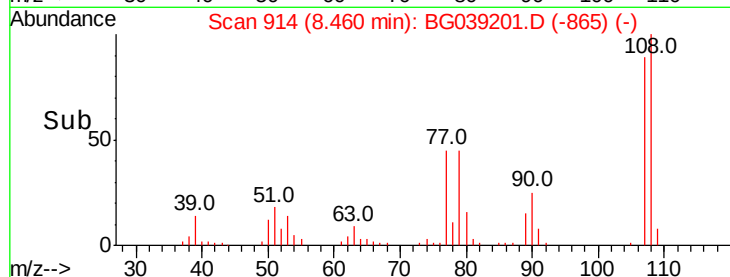
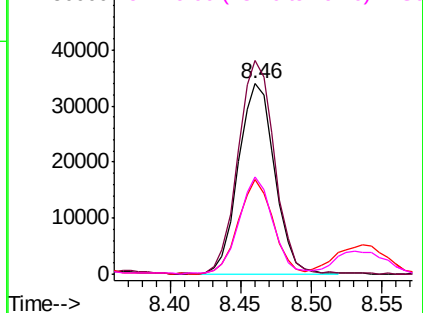
#17
2-Methylphenol
Concen: 39.492 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:107 Resp: 61495
Ion Ratio Lower Upper
107 100
108 112.4 90.3 135.5
77 50.0 38.3 57.5
79 51.1 35.8 53.6

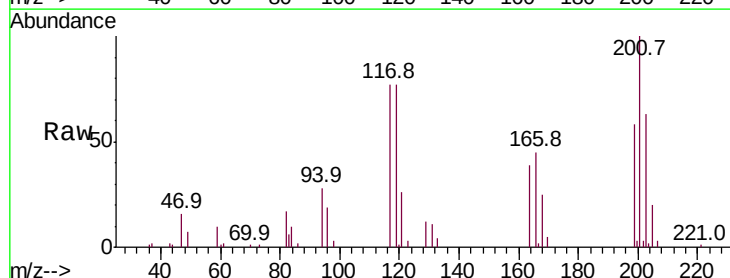


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

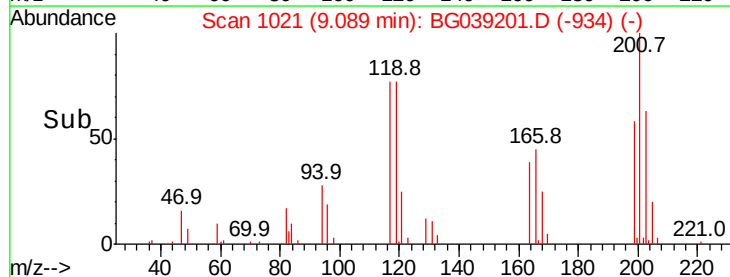
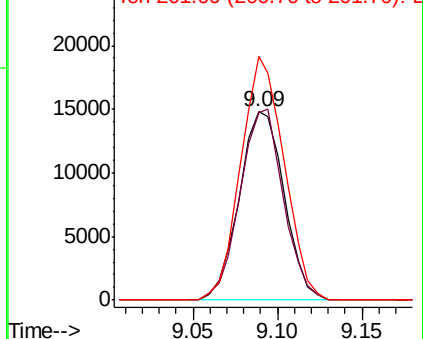


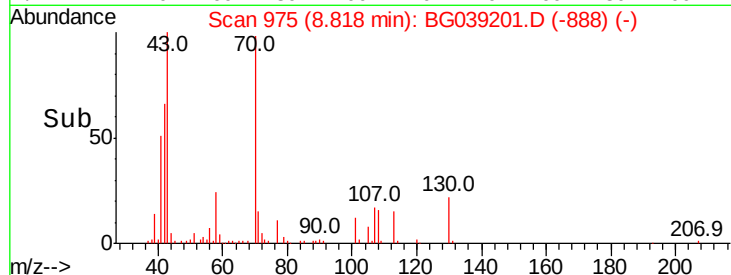
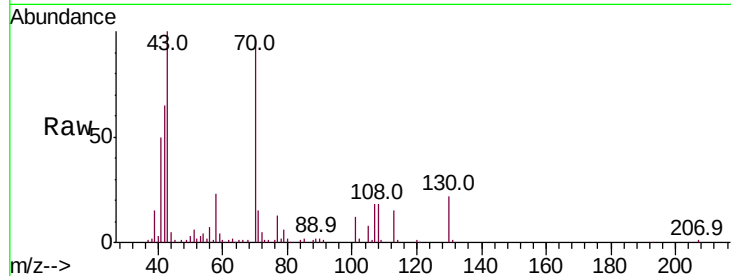
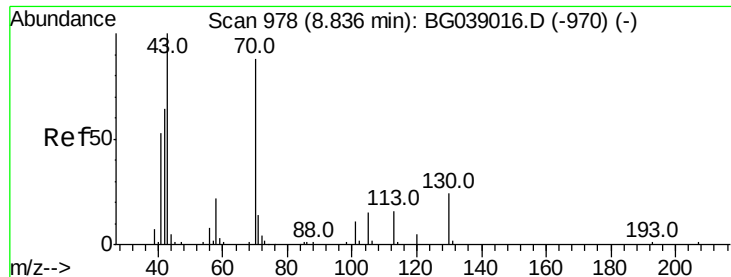
#18
Hexachloroethane
Concen: 36.257 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:117 Resp: 27384
Ion Ratio Lower Upper
117 100
119 99.3 78.7 118.1
201 132.9 108.1 162.1



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

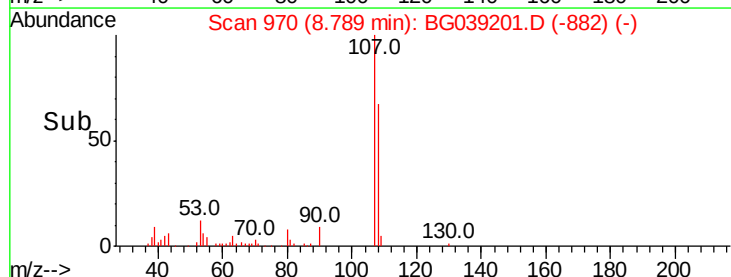
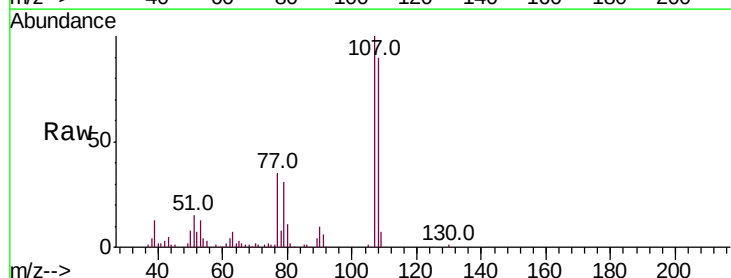
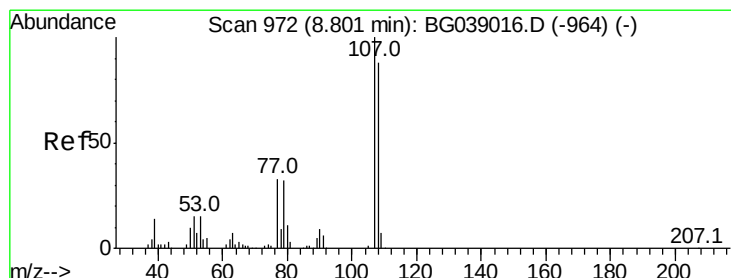
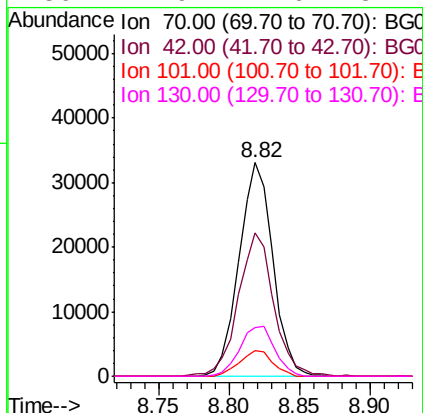




#19
n-Nitroso-di-n-propylamine
Concen: 37.667 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

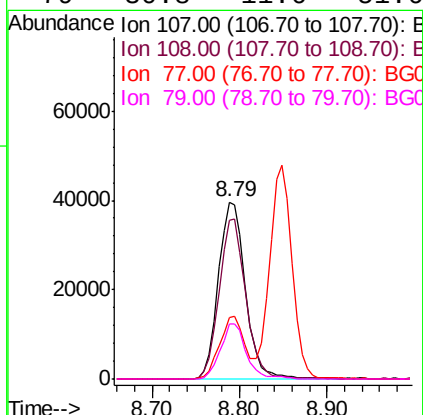
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

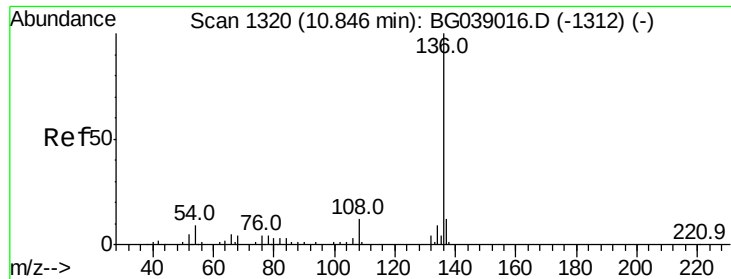
Tot Ion:	70	Resp:	55327
Ion	Ratio	Lower	Upper
70	100		
42	67.2	59.0	88.4
101	12.0	10.4	15.6
130	22.9	21.6	32.4



#20
3+4-Methylphenols
Concen: 37.968 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:	107	Resp:	84294
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	34.9	13.3	53.3
79	30.8	11.6	51.6

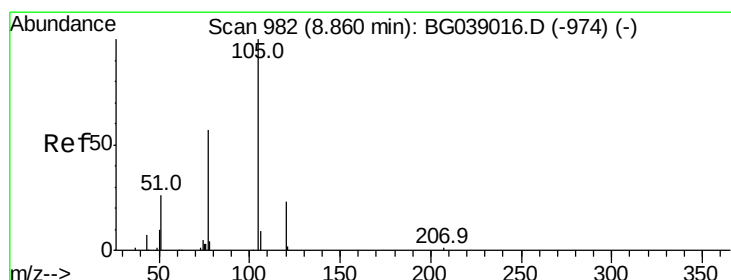
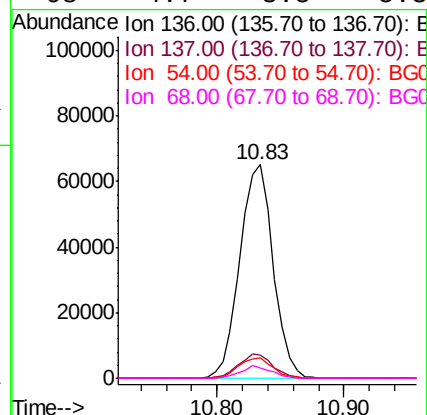
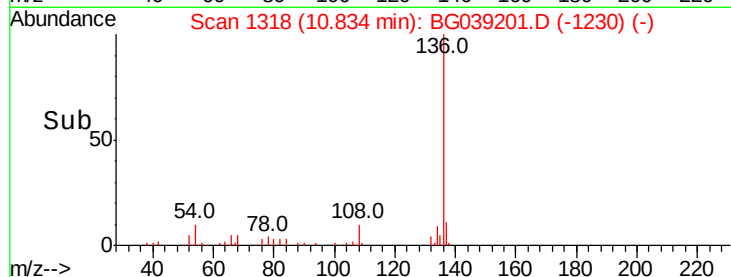
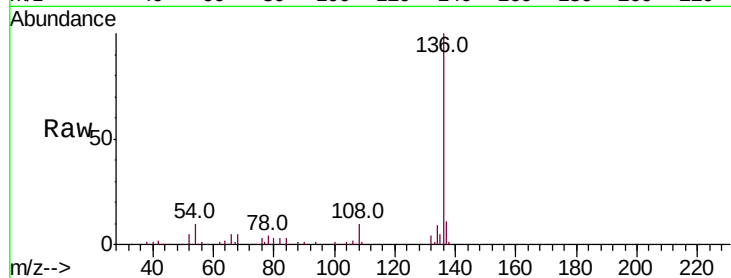




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

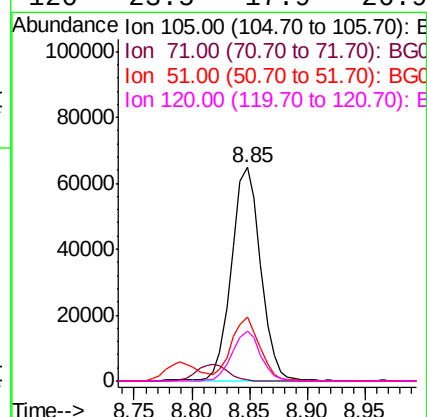
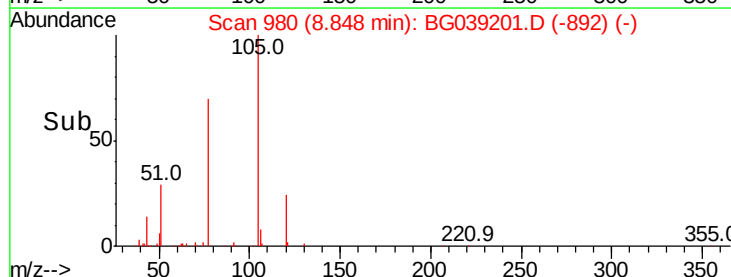
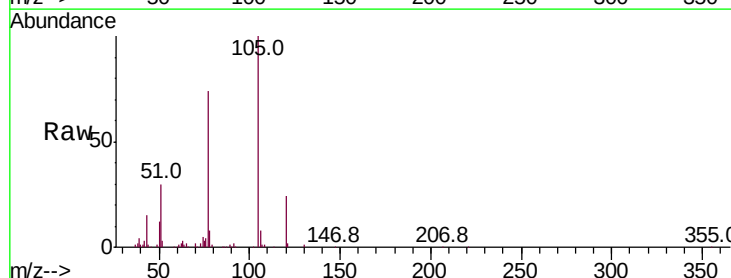
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

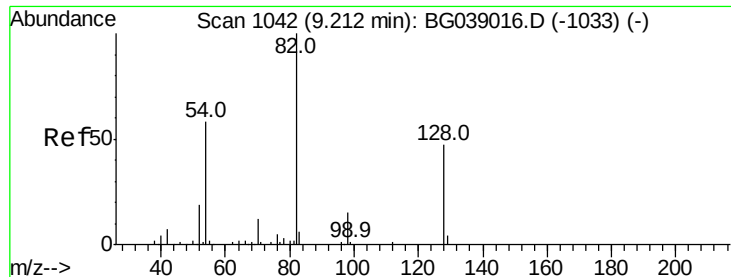
Tot Ion:136	Resp:	118475	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.4	14.2	
54 9.8	7.2	10.8	
68 4.7	3.5	5.3	



#22
Acetophenone
Concen: 36.695 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt	Ion:105	Resp:	113534
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	30.2	26.6	39.8
120	23.5	17.9	26.9

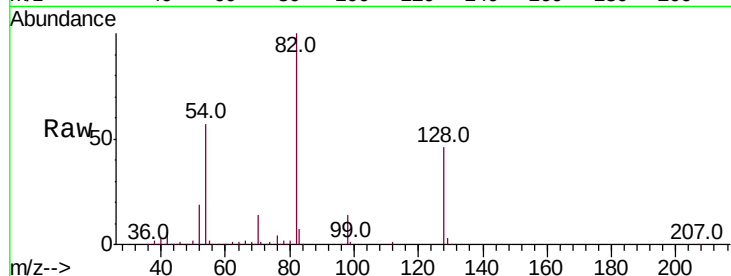




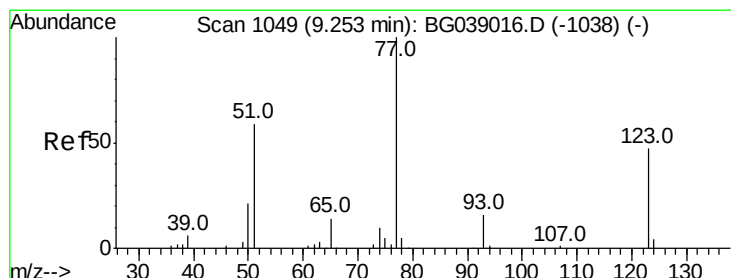
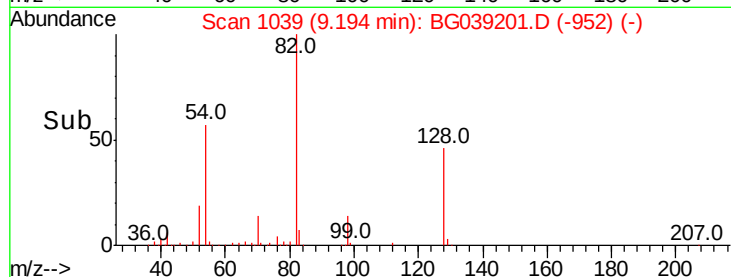
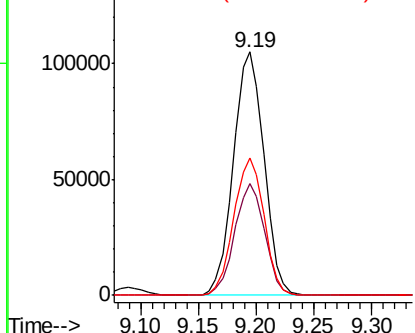
#23
Nitrobenzene-d5
Concen: 89.321 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion: 82 Resp: 193393
Ion Ratio Lower Upper
82 100
128 46.1 37.3 55.9
54 56.5 46.4 69.6

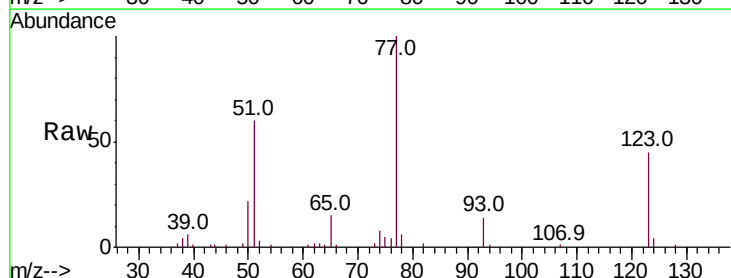


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

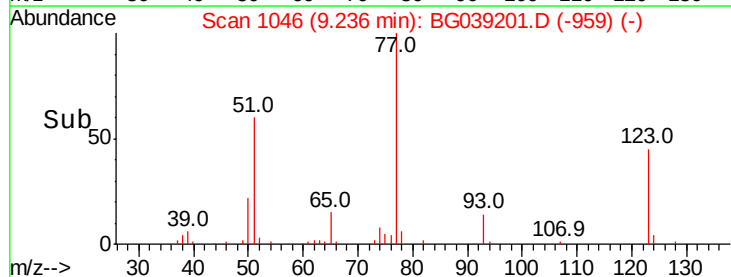
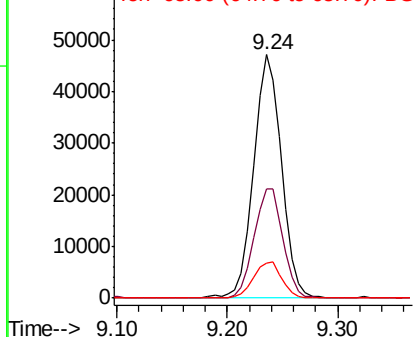


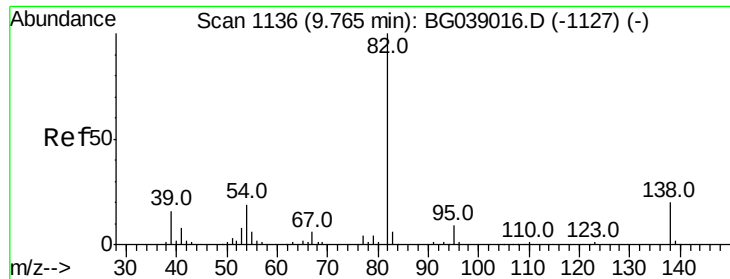
#24
Nitrobenzene
Concen: 38.116 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion: 77 Resp: 83414
Ion Ratio Lower Upper
77 100
123 45.0 37.6 56.4
65 14.6 11.0 16.6



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

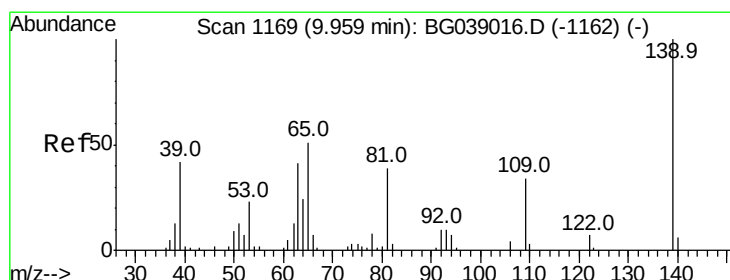
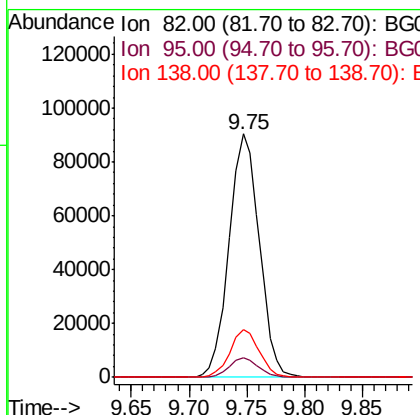
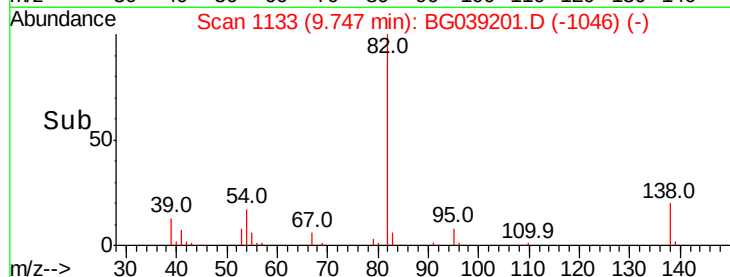
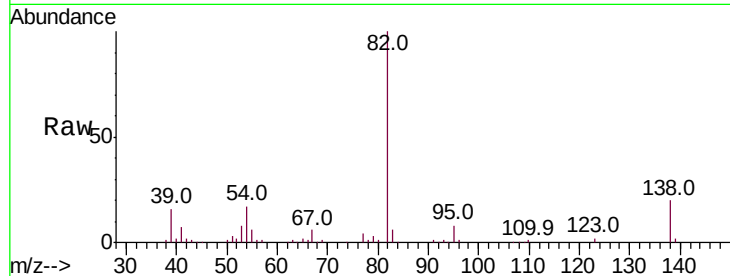




#25
Isophorone
Concen: 43.893 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

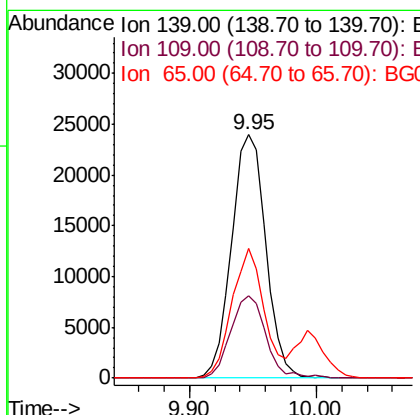
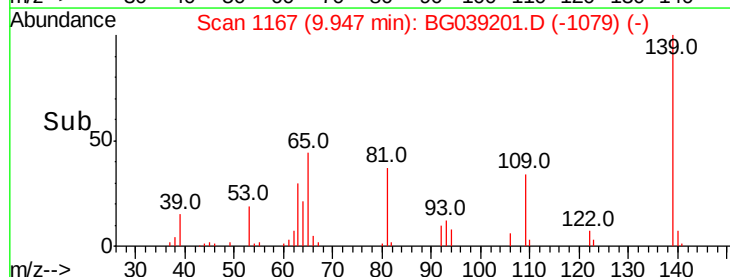
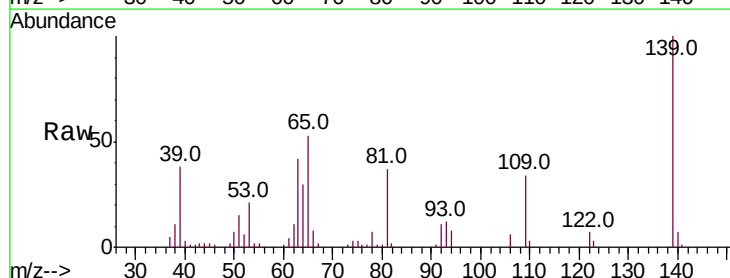
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

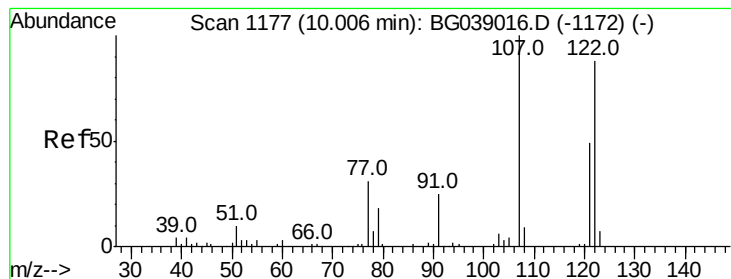
Tot Ion: 82 Resp: 163702
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.6
138 19.6 16.2 24.4



#26
2-Nitrophenol
Concen: 37.785 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion: 139 Resp: 44727
Ion Ratio Lower Upper
139 100
109 33.9 27.3 40.9
65 53.4 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 44.454 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

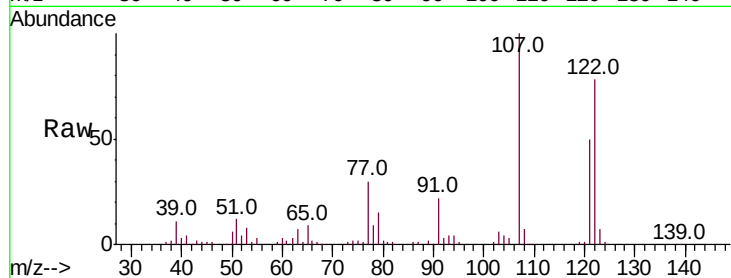
Tot Ion:122 Resp: 74032

Ion Ratio Lower Upper

122 100

107 127.7 88.8 133.2

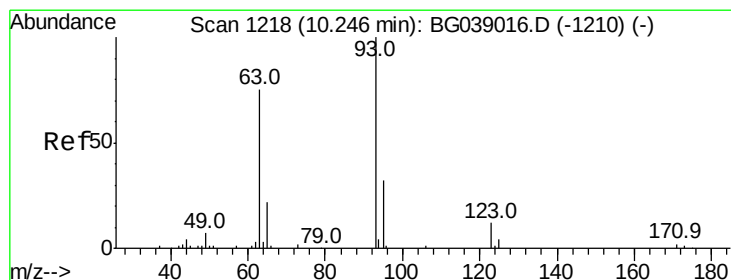
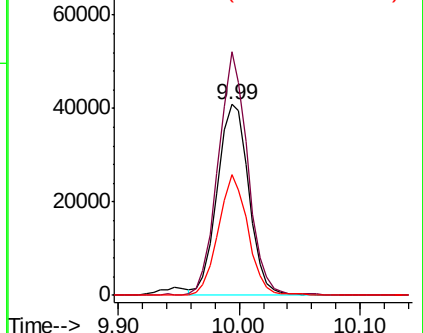
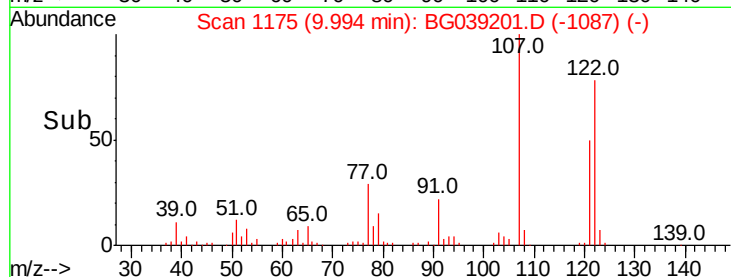
121 63.4 43.1 64.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.649 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

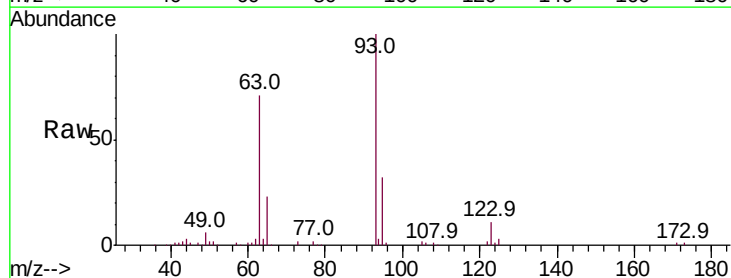
Tgt Ion: 93 Resp: 97839

Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

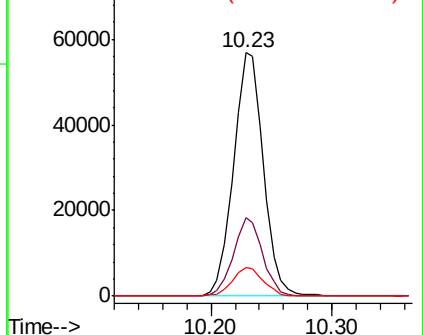
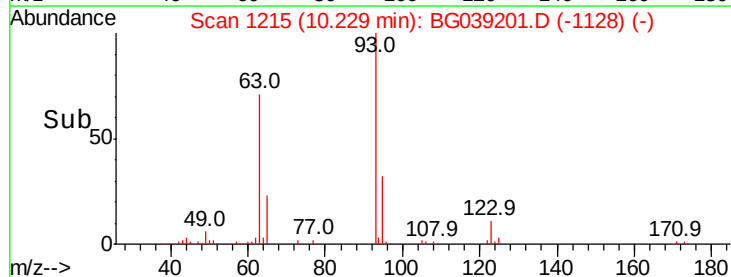
123 11.5 10.1 15.1

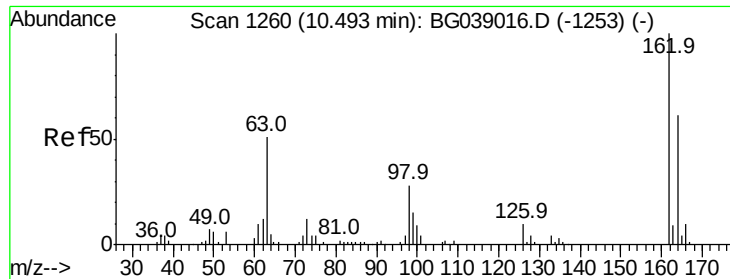


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.892 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

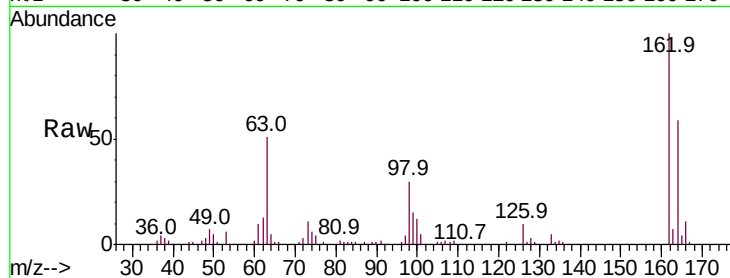
Tot Ion:162 Resp: 84602

Ion Ratio Lower Upper

162 100

164 59.4 41.3 81.3

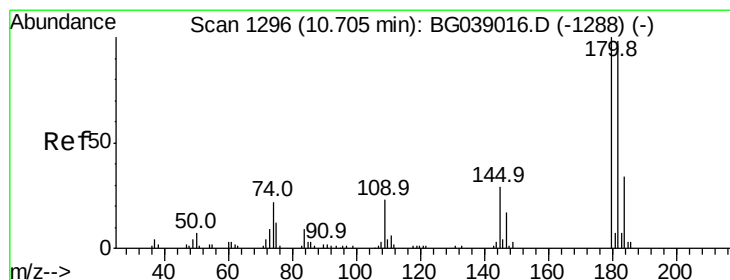
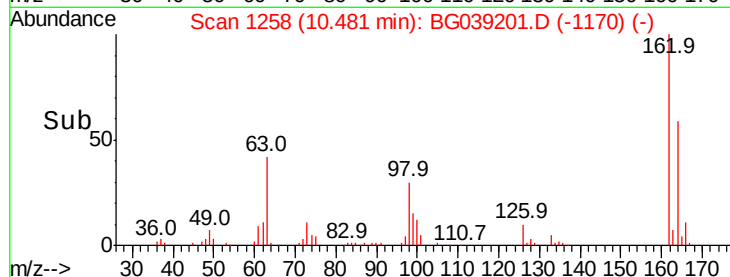
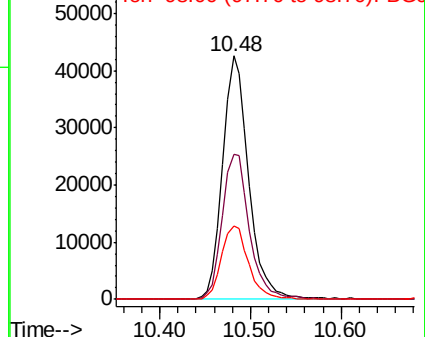
98 29.9 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 33.958 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

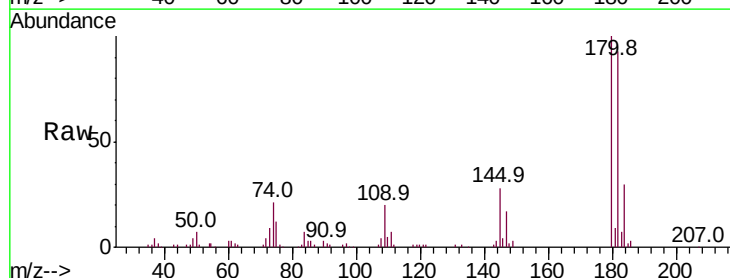
Tgt Ion:180 Resp: 84414

Ion Ratio Lower Upper

180 100

182 92.9 78.1 117.1

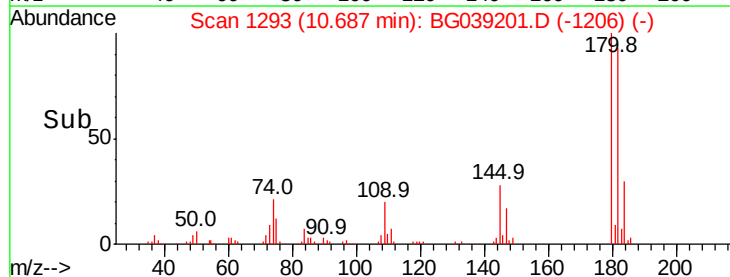
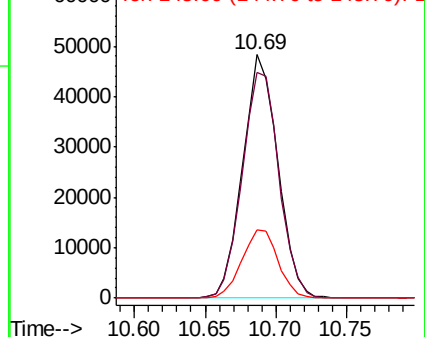
145 28.2 23.1 34.7

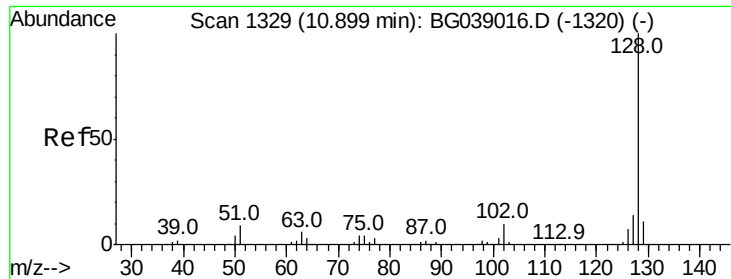


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

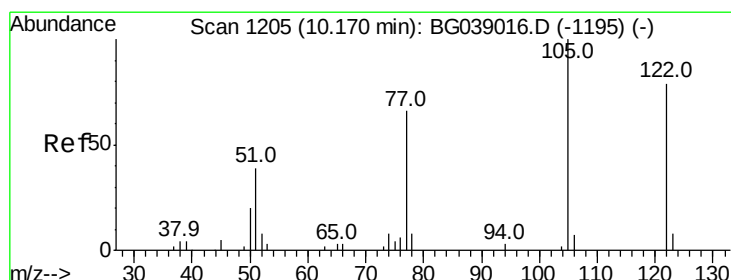
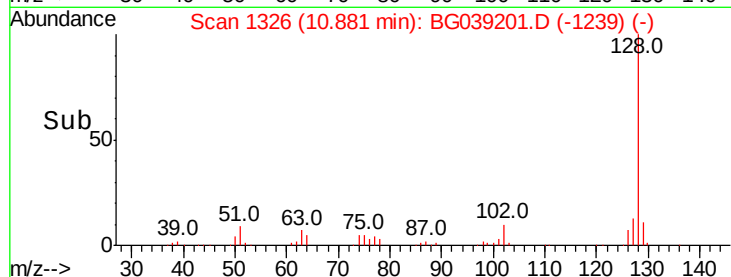
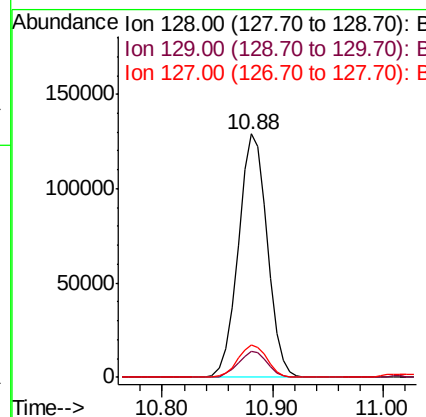
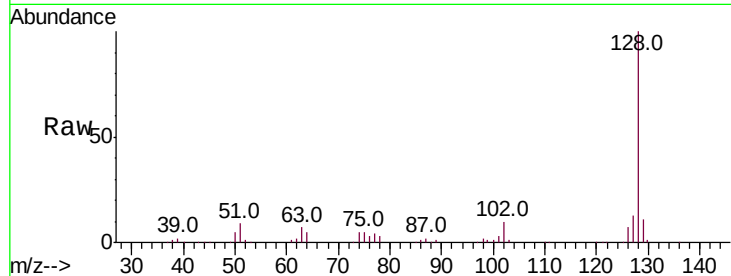




#31
Naphthalene
Concen: 39.771 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

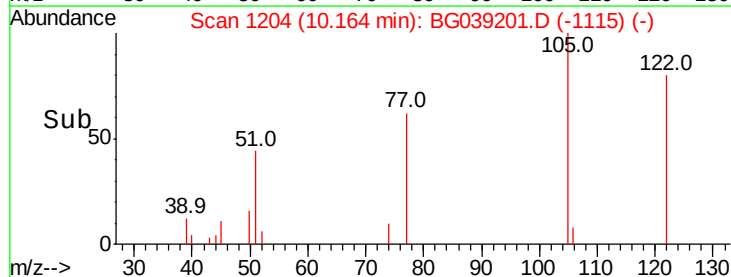
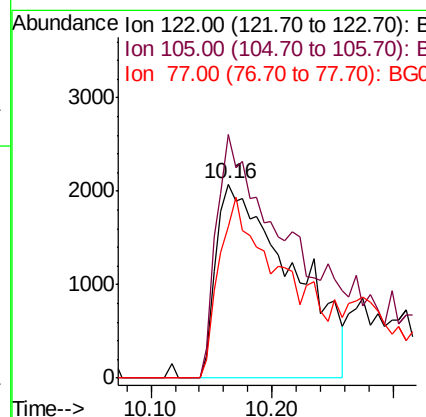
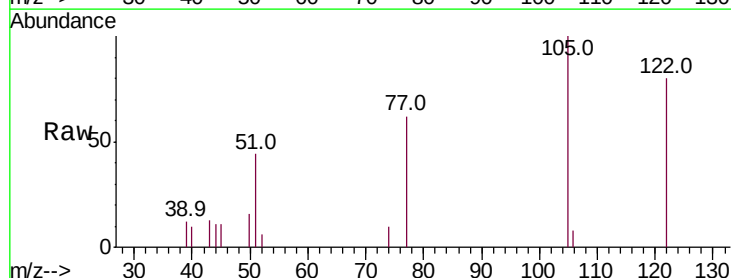
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

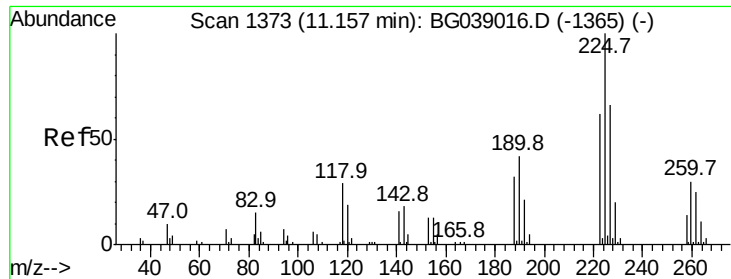
Tot Ion:128 Resp: 236321
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 11.2 16.8



#32
Benzoic acid
Concen: 16.454 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:122 Resp: 8935
Ion Ratio Lower Upper
122 100
105 125.3 106.4 146.4
77 77.9 63.6 103.6

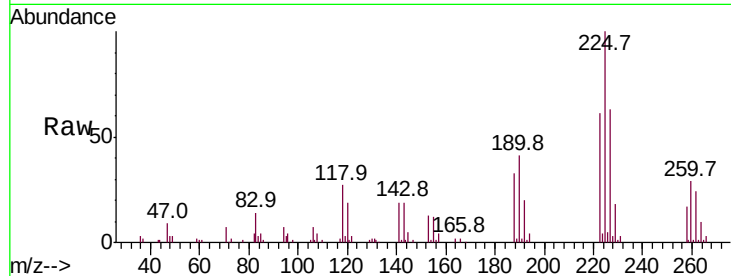




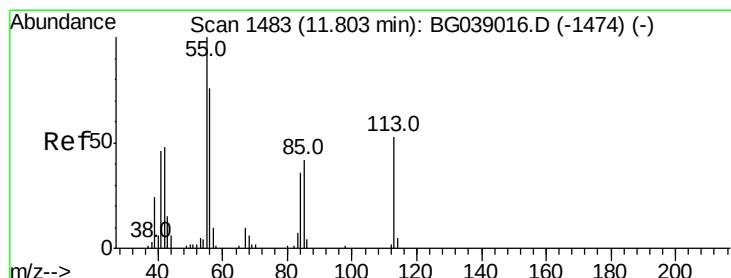
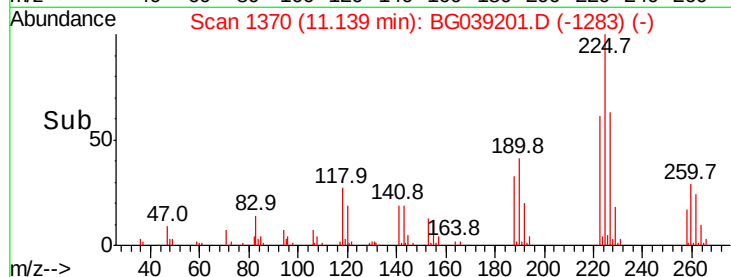
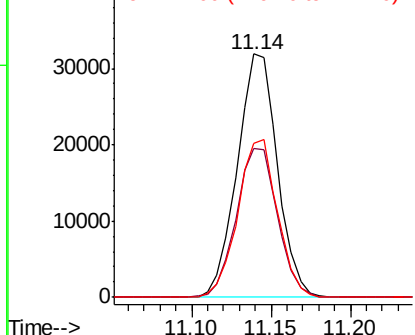
#34
Hexachlorobutadiene
Concen: 32.701 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:225 Resp: 55934
Ion Ratio Lower Upper
225 100
223 58.2 50.2 75.4
227 63.5 53.2 79.8

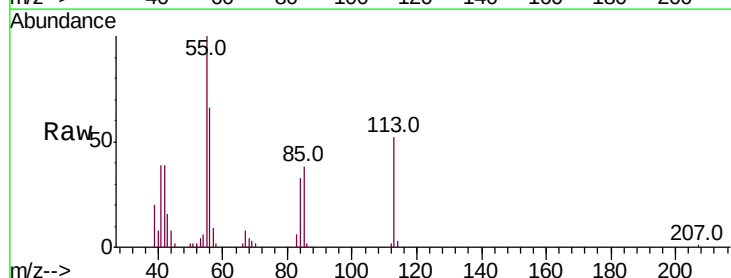


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

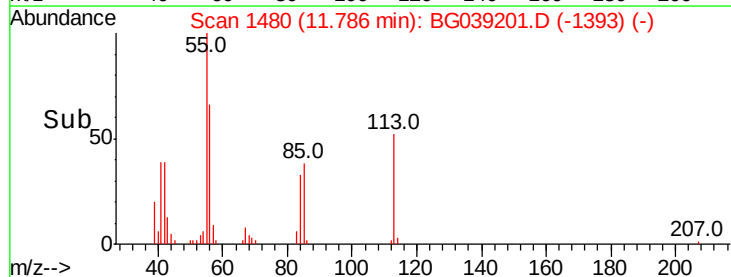
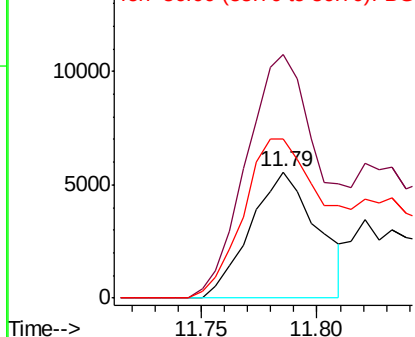


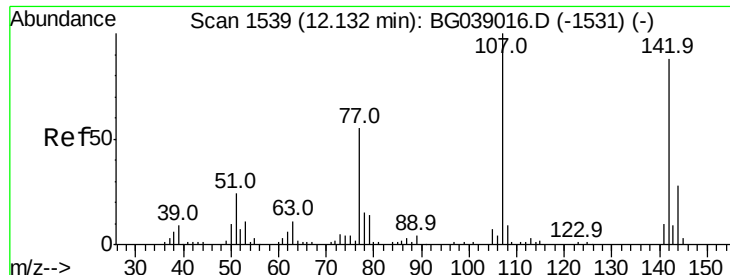
#35
Caprolactam
Concen: 13.469 ng
RT: 11.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:113 Resp: 11174
Ion Ratio Lower Upper
113 100
55 192.9 168.6 208.6
56 126.4 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

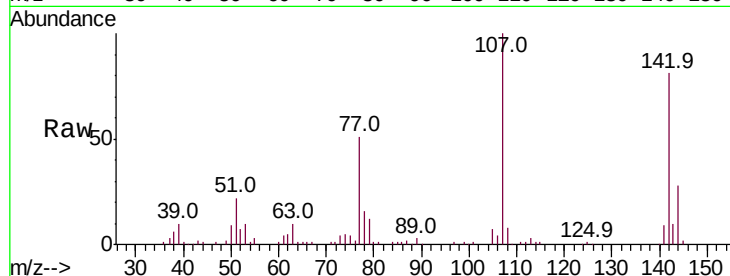




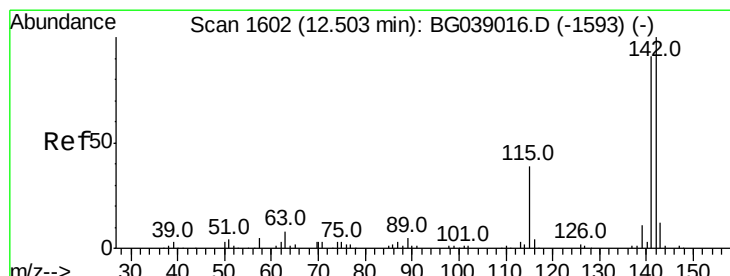
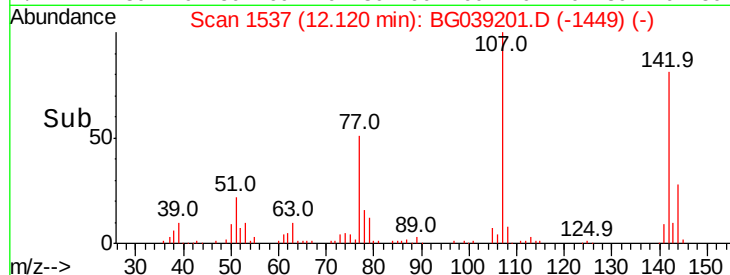
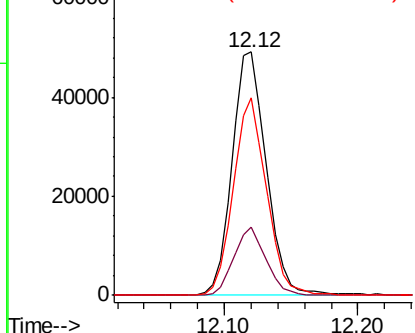
#36
 4-Chloro-3-methylphenol
 Concen: 39.494 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion:107 Resp: 87393
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.6 34.0
 142 81.3 70.2 105.4

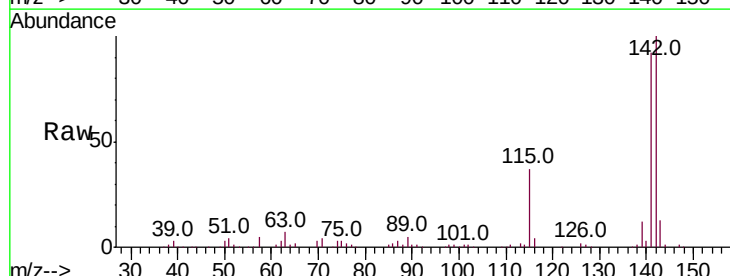


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

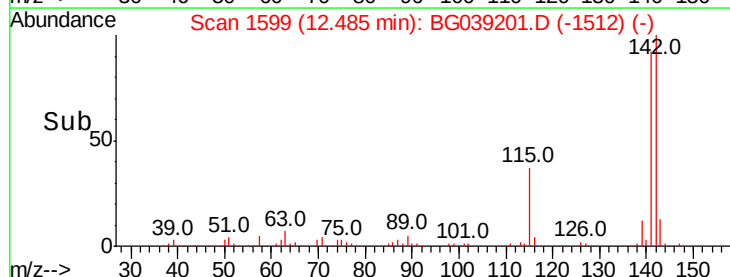
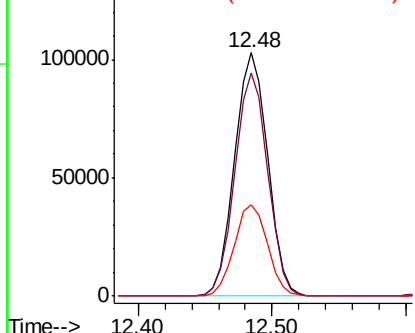


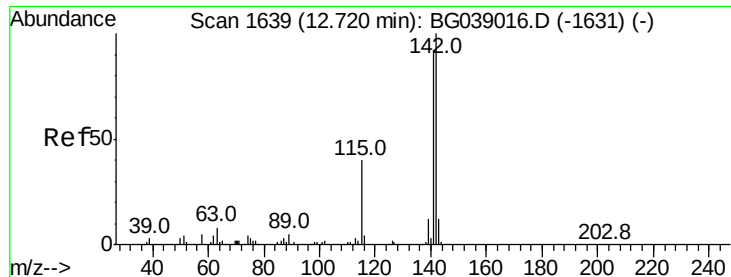
#37
 2-Methylnaphthalene
 Concen: 39.672 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:142 Resp: 176738
 Ion Ratio Lower Upper
 142 100
 141 91.7 72.6 109.0
 115 37.4 31.1 46.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 39.708 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

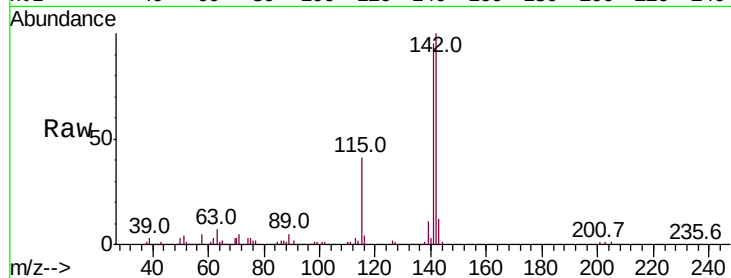
Tot Ion:142 Resp: 169795

Ion Ratio Lower Upper

142 100

141 95.3 73.3 109.9

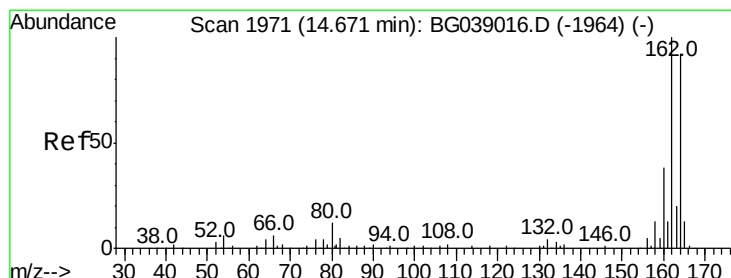
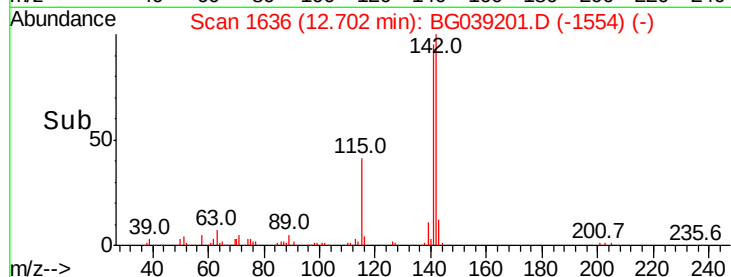
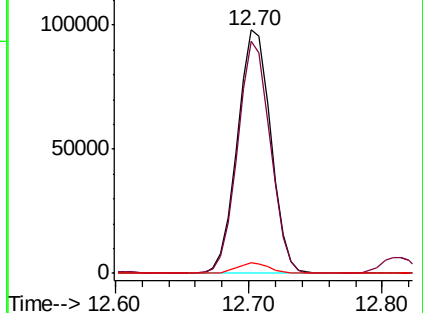
116 4.2 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

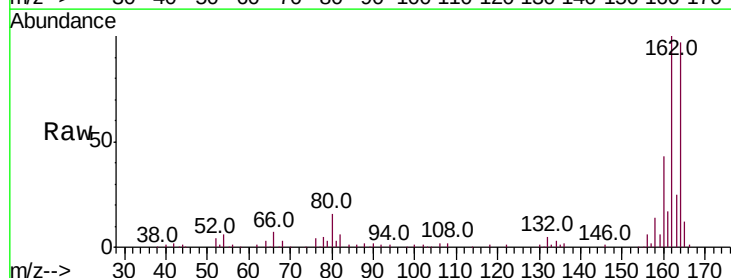
Tgt Ion:164 Resp: 80462

Ion Ratio Lower Upper

164 100

162 103.3 87.2 130.8

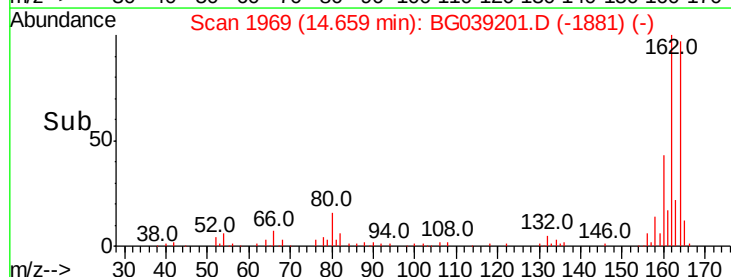
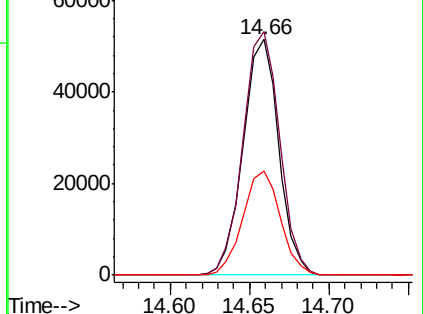
160 44.2 33.3 49.9

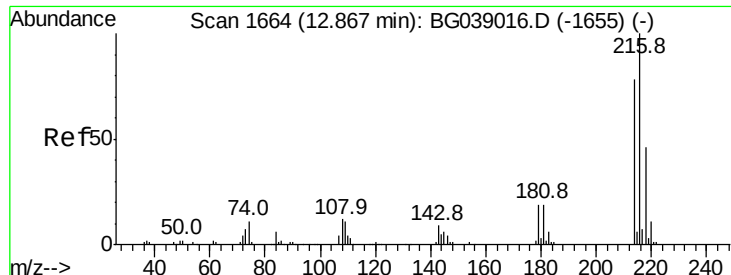


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

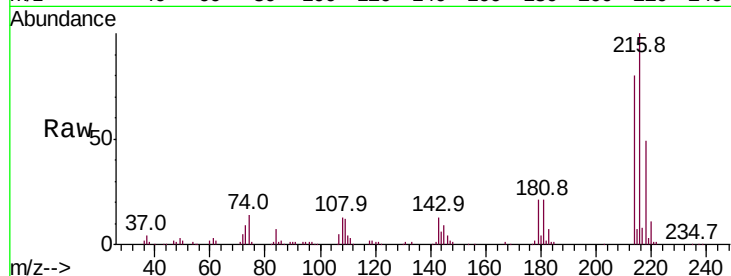




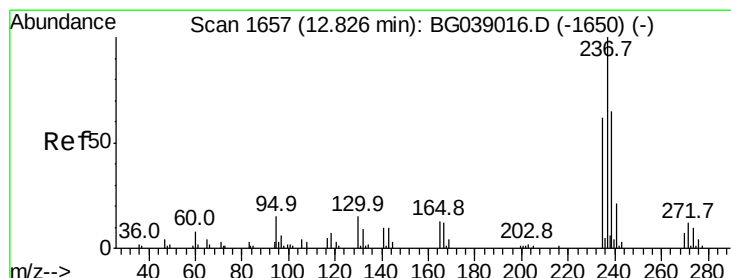
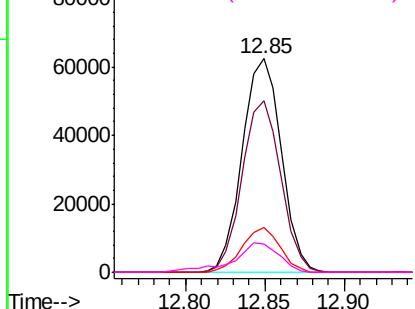
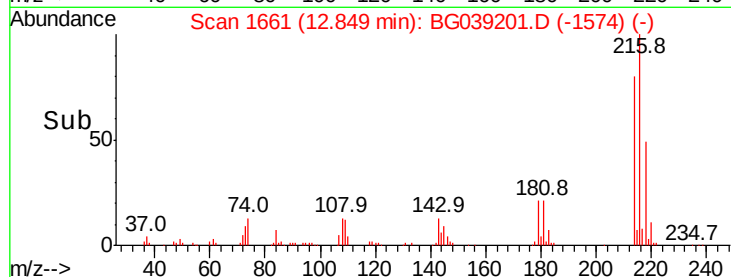
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.442 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion:	216	Resp:	107098
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	20.2	15.5	23.3
108	16.0	11.4	17.2

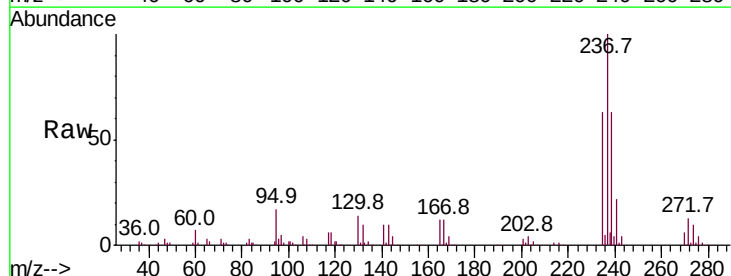


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

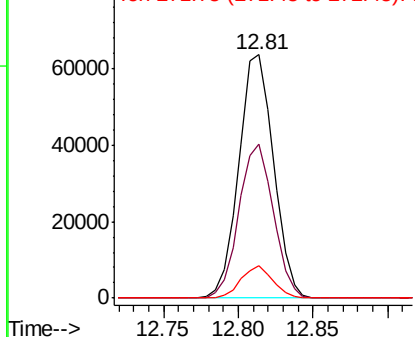
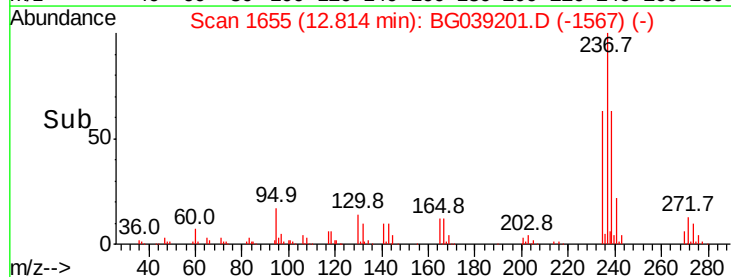


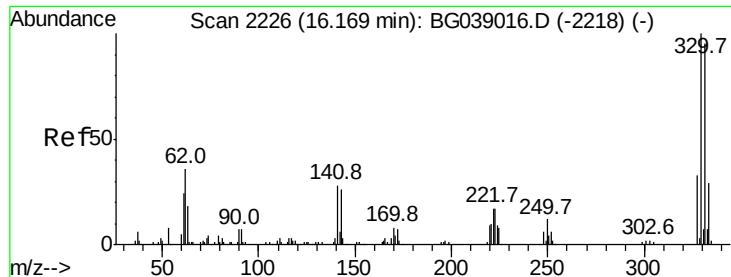
#41
 Hexachlorocyclopentadiene
 Concen: 61.893 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:	237	Resp:	102957
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.7	81.7
272	13.3	0.0	32.1



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

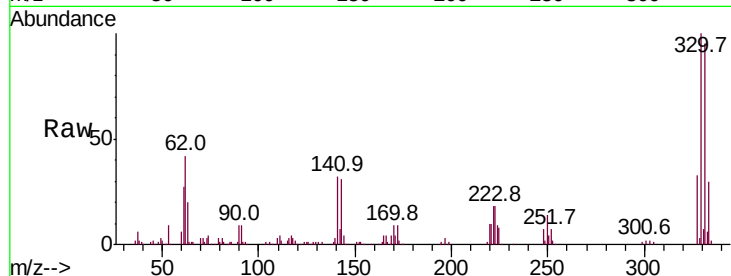




#42
 2,4,6-Tribromophenol
 Concen: 124.649 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.7	113.5
141	32.1	24.9	37.3

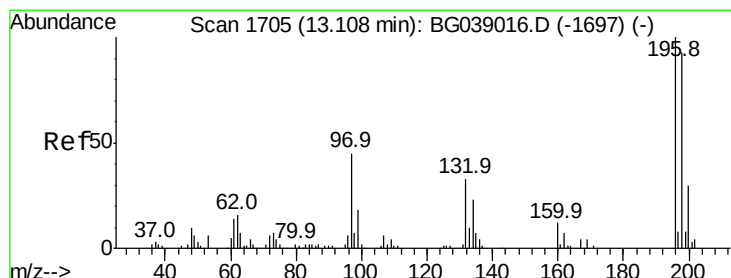
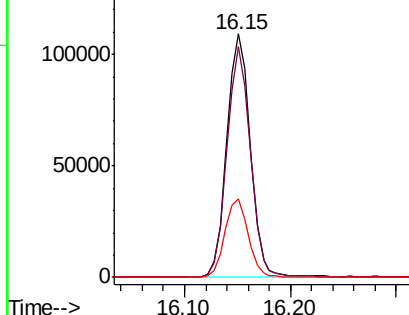
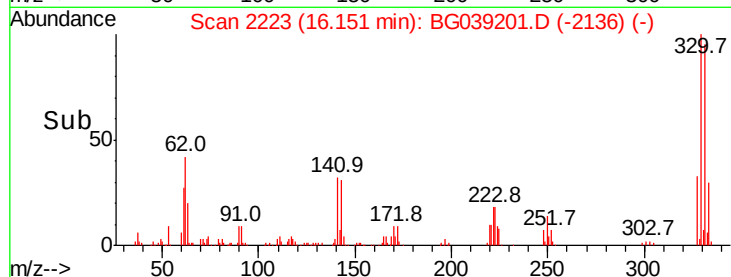


Abundance

Ion 329.80 (329.50 to 330.50): E

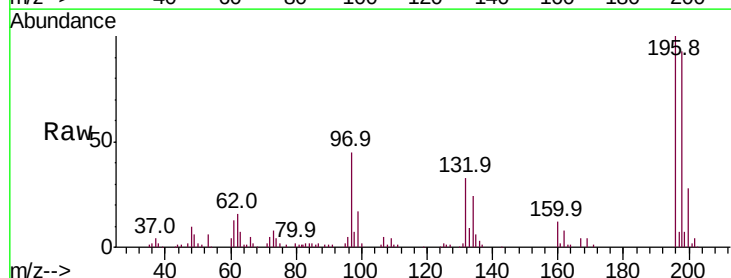
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 39.130 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.5	111.7
200	28.0	23.8	35.6

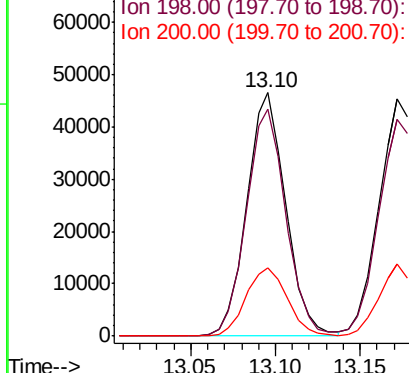
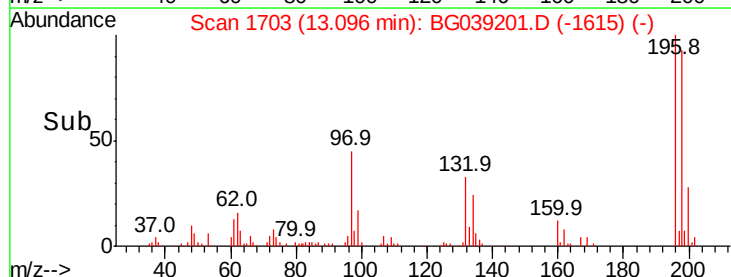


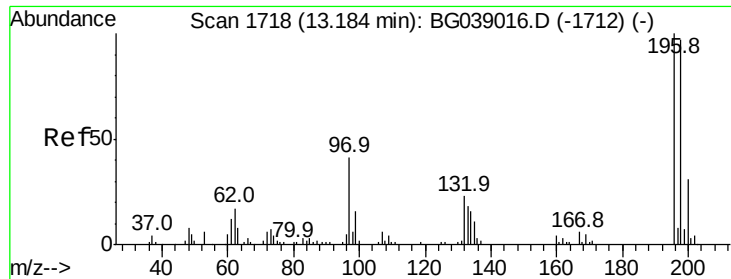
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

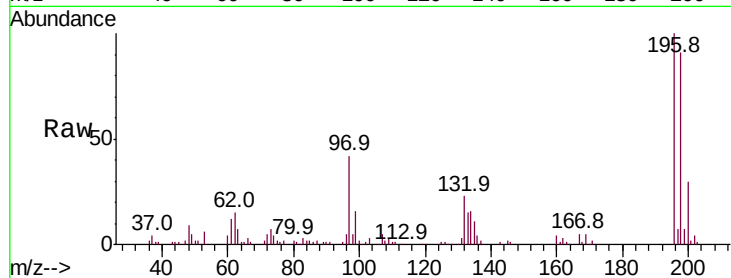




#44
 2,4,5-Trichlorophenol
 Concen: 39.884 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	78.1	117.1
97	42.0	33.2	49.8
132	23.2	18.2	27.4



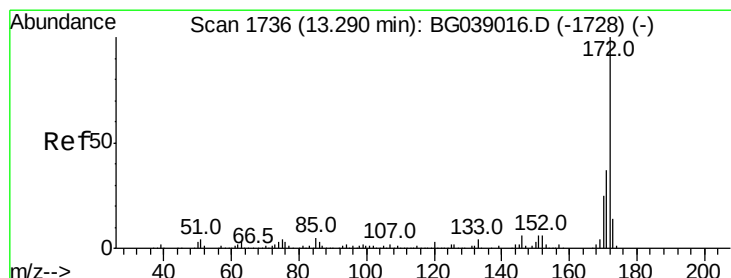
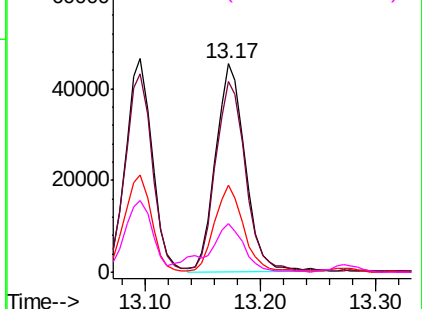
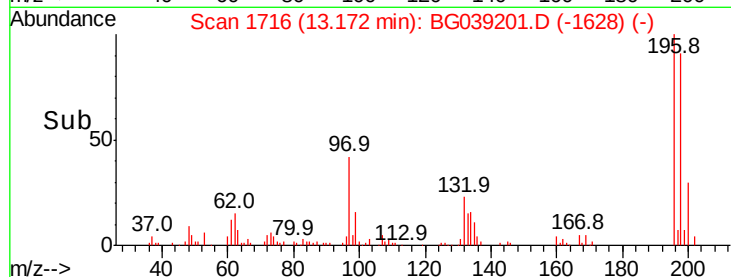
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

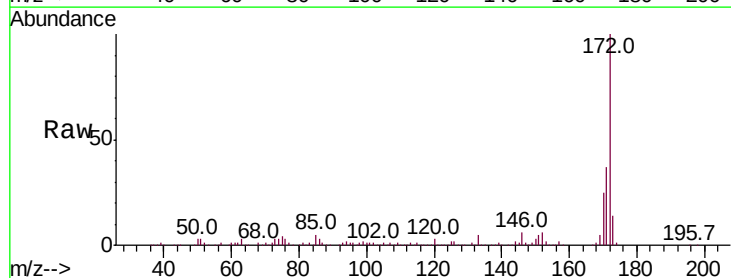
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.698 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.9	20.1	30.1

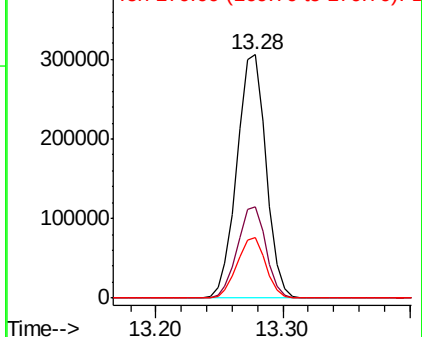
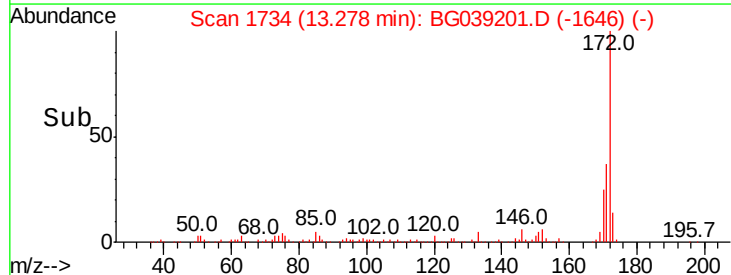


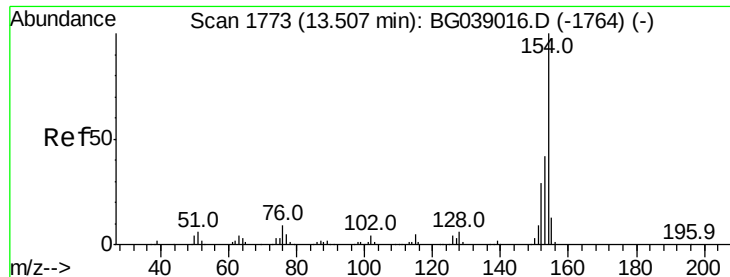
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

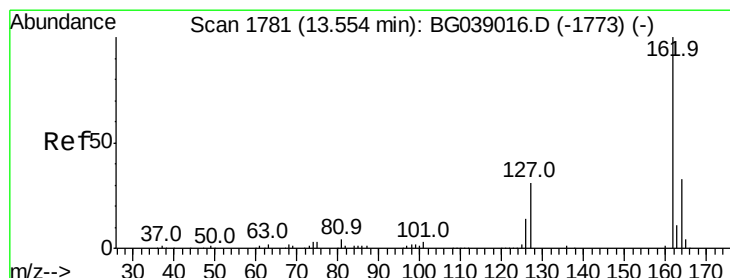
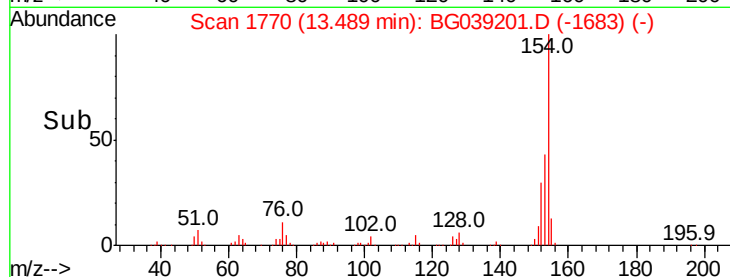
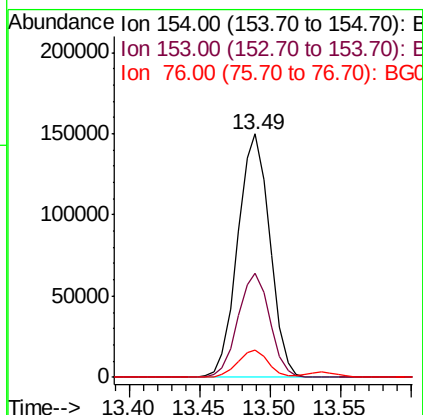
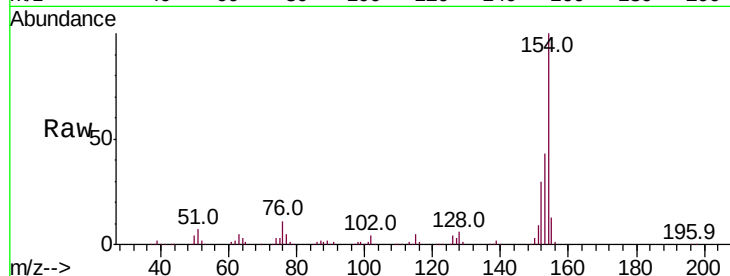




#46
 1,1'-Biphenyl
 Concen: 37.432 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

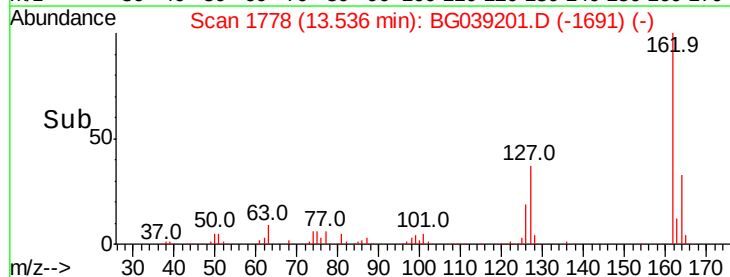
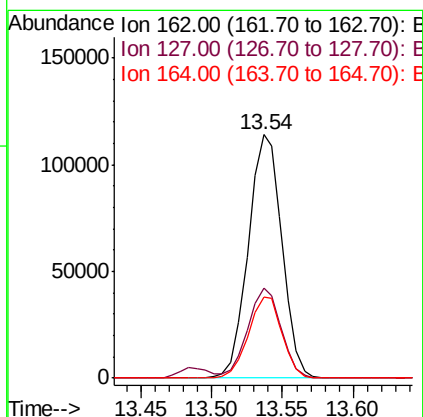
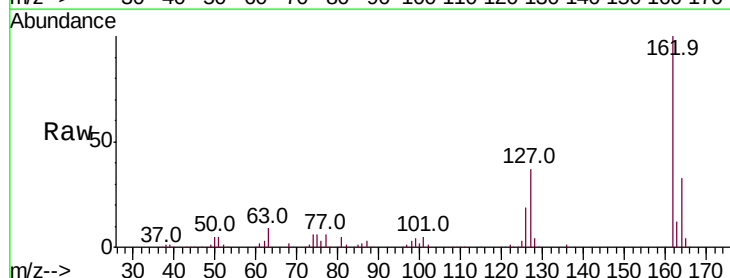
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

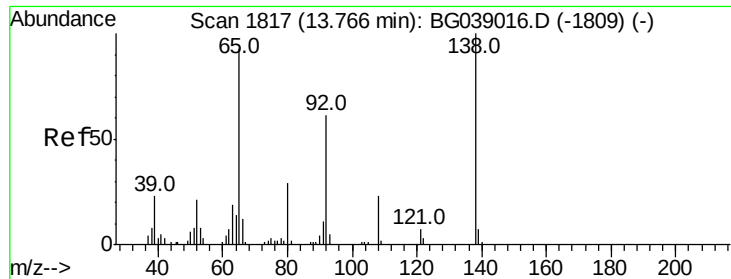
Tot Ion:	154	Resp:	238655
Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.4	62.4
76	11.3	0.0	29.4



#47
 2-Chloronaphthalene
 Concen: 36.921 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:	162	Resp:	190486
Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.4	42.6
164	33.2	26.3	39.5





#48

2-Nitroaniline

Concen: 40.230 ng

RT: 13.75 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

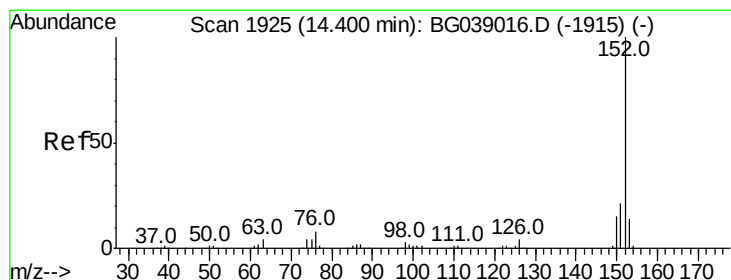
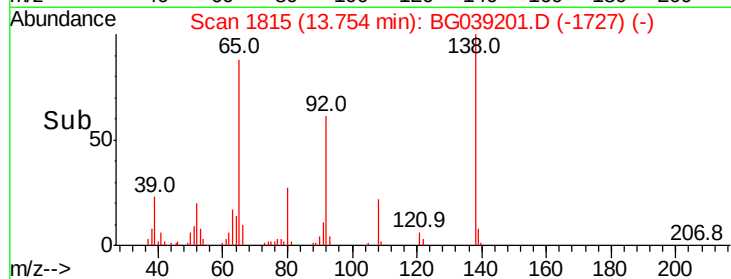
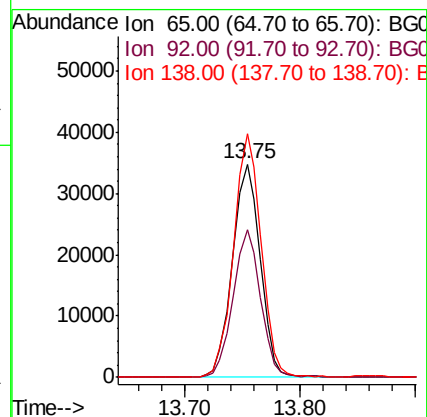
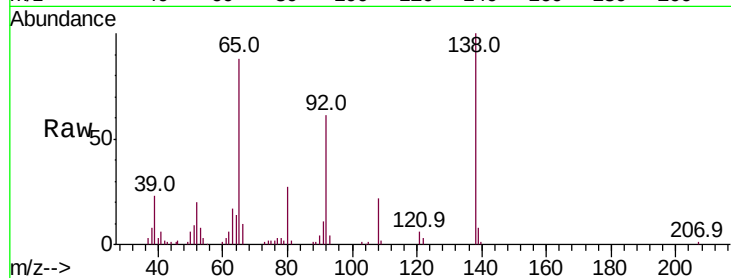
Tot Ion: 65 Resp: 58149

Ion Ratio Lower Upper

65 100

92 69.1 52.2 78.4

138 114.2 86.0 129.0



#49

Acenaphthylene

Concen: 40.375 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

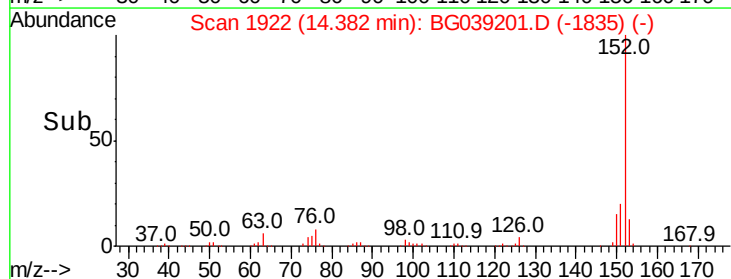
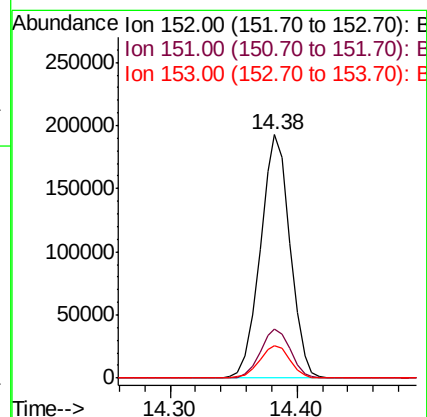
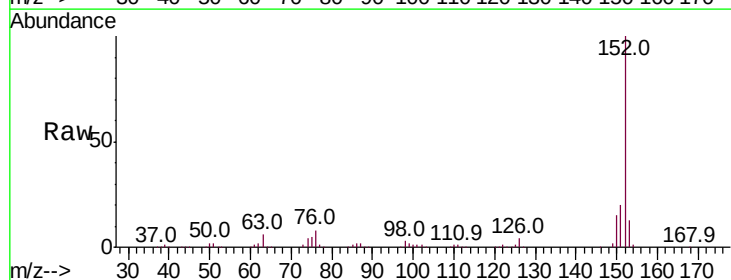
Tgt Ion: 152 Resp: 313102

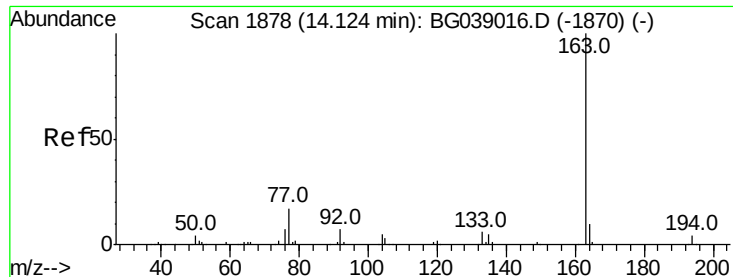
Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.4

153 13.3 11.2 16.8





#50

Dimethylphthalate

Concen: 38.781 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

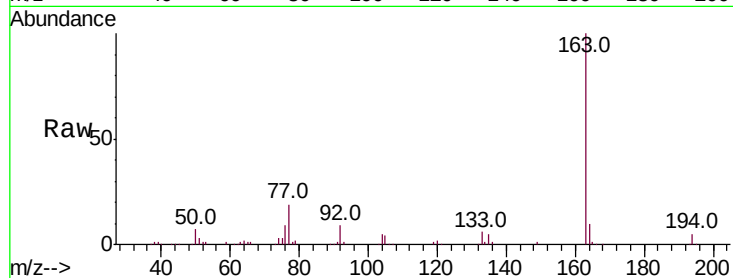
Tot Ion:163 Resp: 263688

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

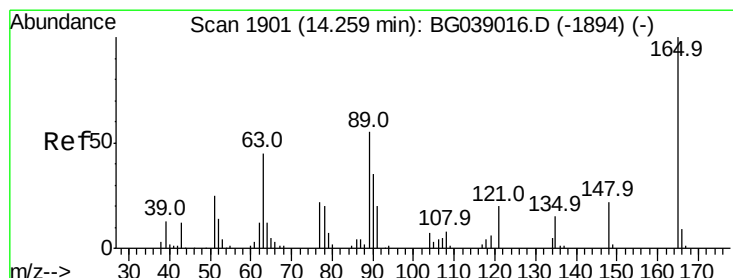
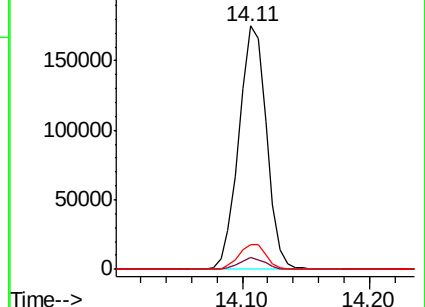
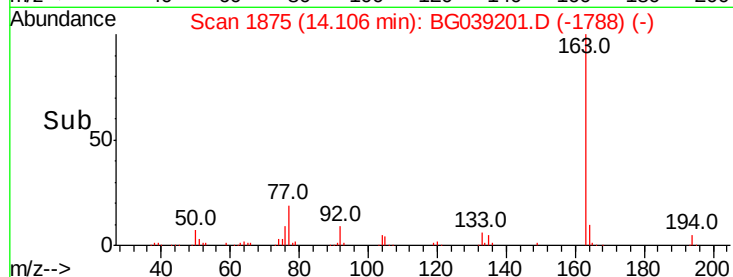
164 10.4 8.2 12.2



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



#51

2,6-Dinitrotoluene

Concen: 38.983 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

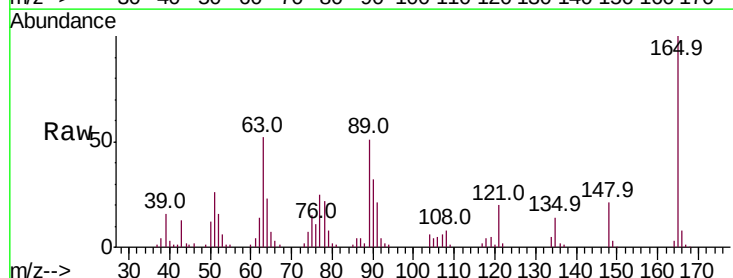
Tgt Ion:165 Resp: 59261

Ion Ratio Lower Upper

165 100

63 51.5 43.6 65.4

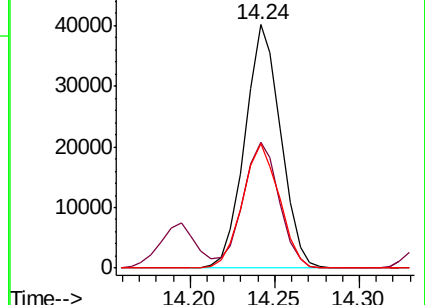
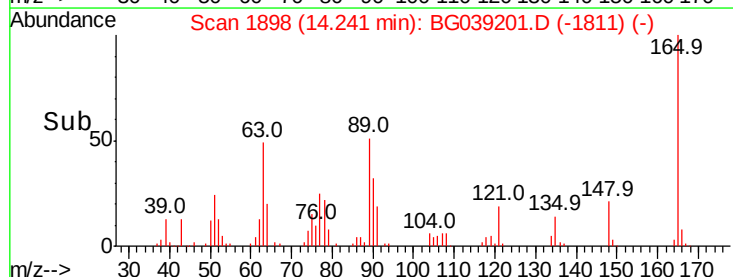
89 51.4 43.7 65.5

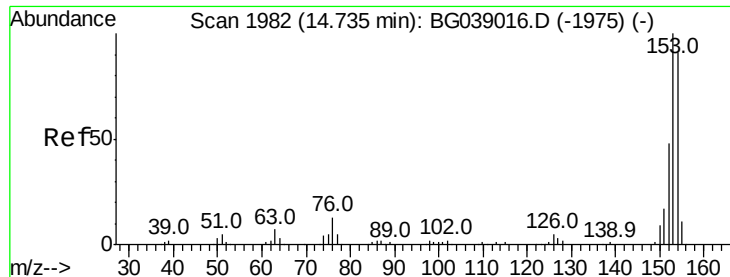


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 39.168 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

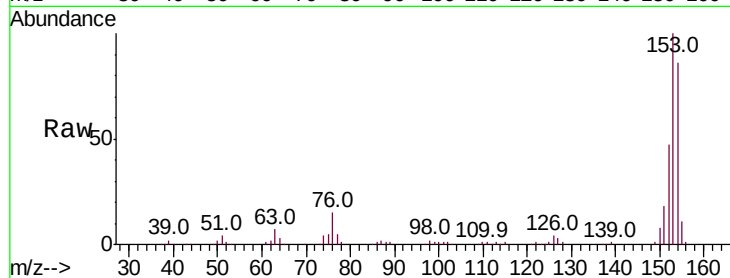
Tot Ion:154 Resp: 182495

Ion Ratio Lower Upper

154 100

153 116.8 87.9 131.9

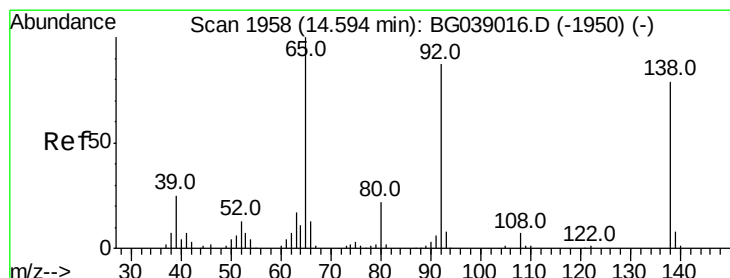
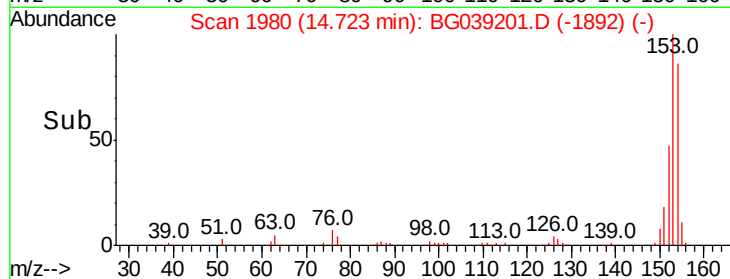
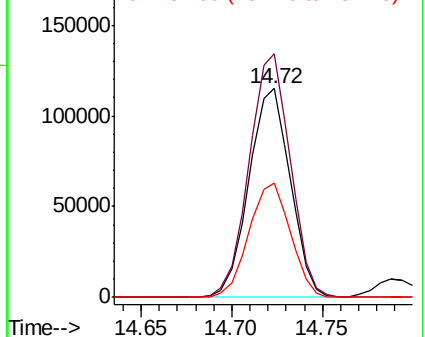
152 55.1 42.2 63.2



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



#53

3-Nitroaniline

Concen: 2.622 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

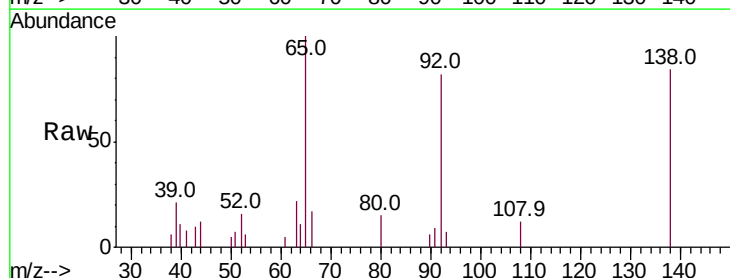
Tgt Ion:138 Resp: 4044

Ion Ratio Lower Upper

138 100

108 14.2 7.4 11.0#

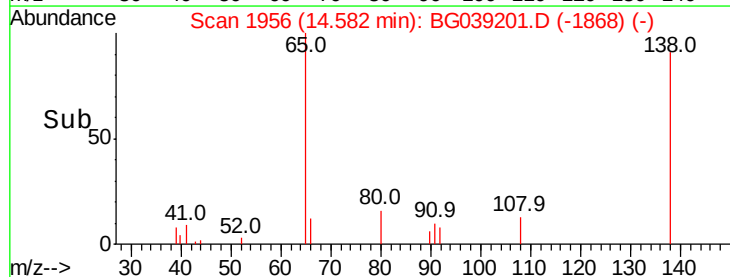
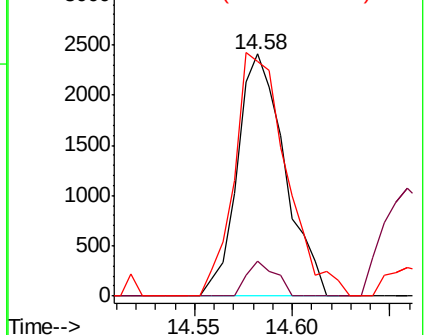
92 96.9 88.2 132.4

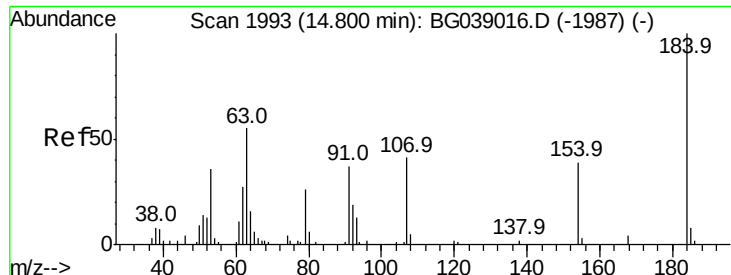


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

2,4-Dinitrophenol

Concen: 35.865 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

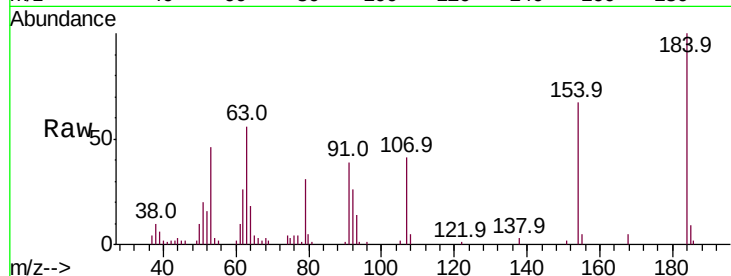
Tot Ion:184 Resp: 29701

Ion Ratio Lower Upper

184 100

63 55.8 44.0 66.0

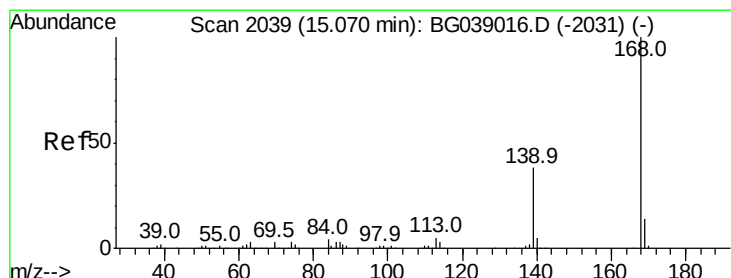
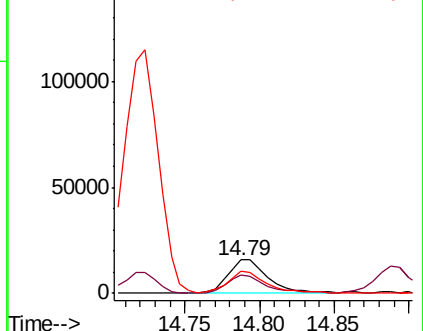
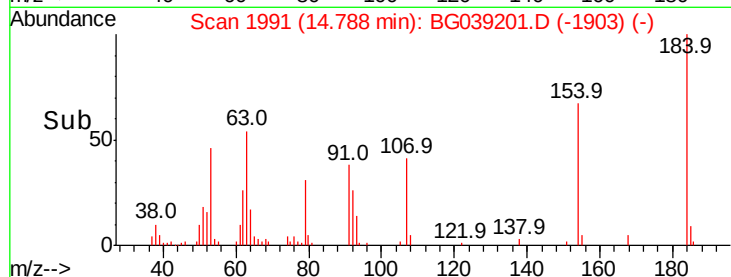
154 66.7 46.1 69.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 37.631 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

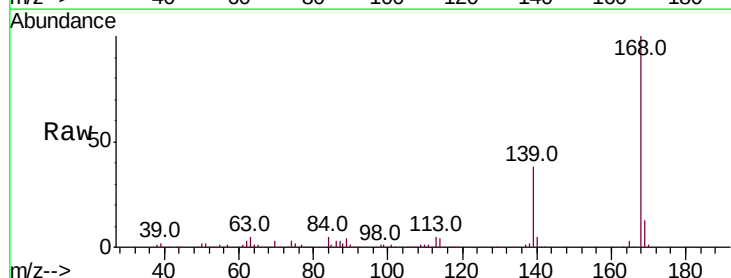
Tgt Ion:168 Resp: 309657

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

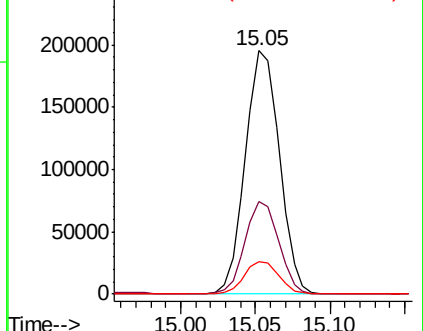
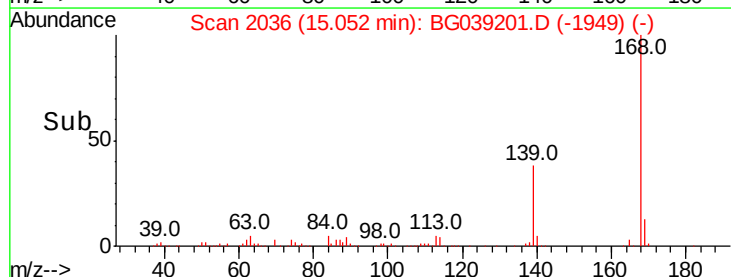
169 13.5 10.9 16.3

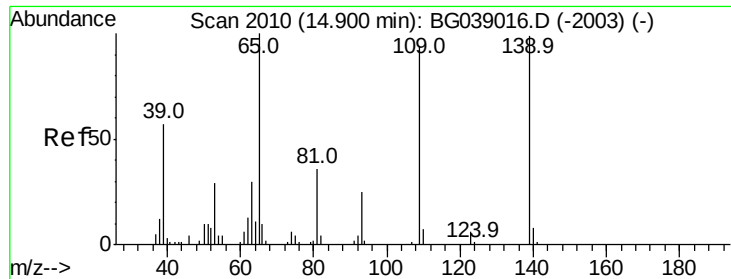


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 70.420 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

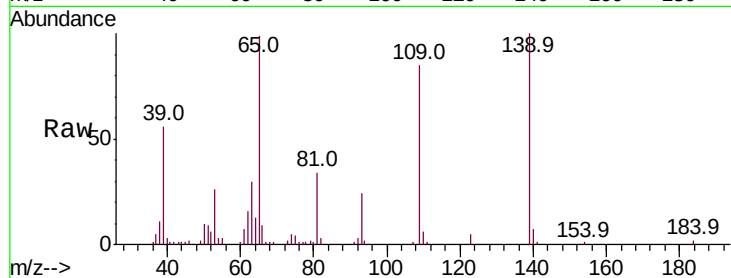
Tot Ion:139 Resp: 78137

Ion Ratio Lower Upper

139 100

109 85.1 75.6 115.6

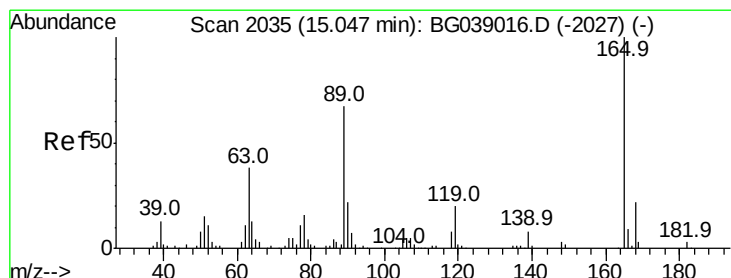
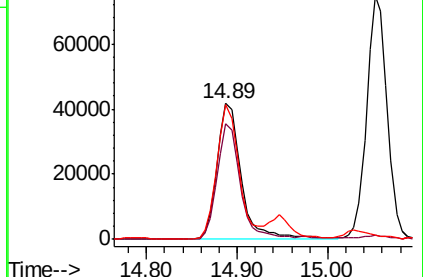
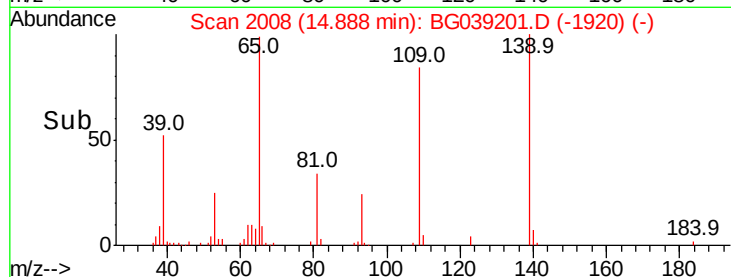
65 99.2 81.2 121.2



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



#57

2,4-Dinitrotoluene

Concen: 39.700 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:165 Resp: 86585

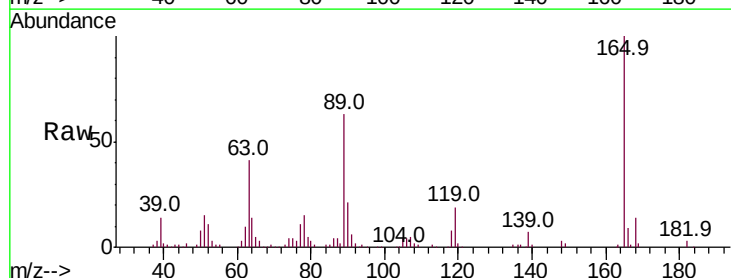
Ion Ratio Lower Upper

165 100

63 40.8 30.2 45.4

89 62.9 53.2 79.8

182 3.2 2.7 4.1

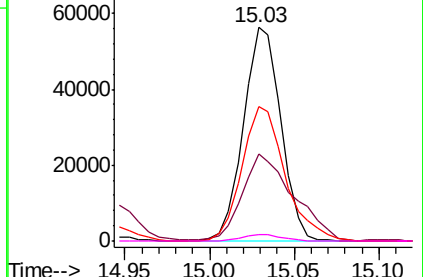
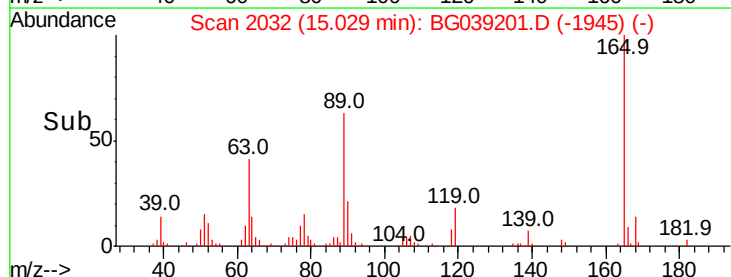


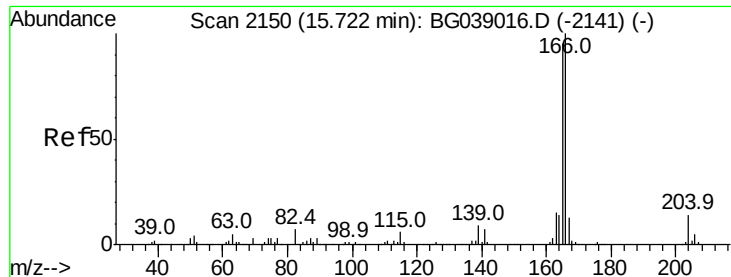
Abundance Ion 165.00 (164.70 to 165.70): E

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

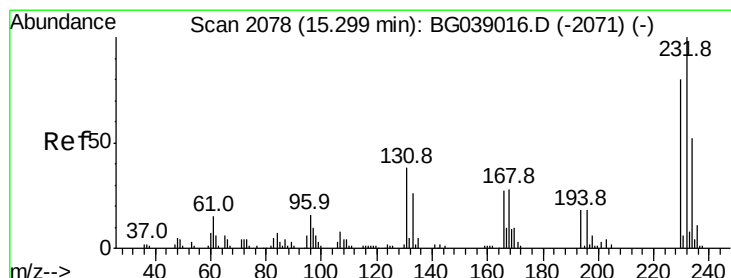
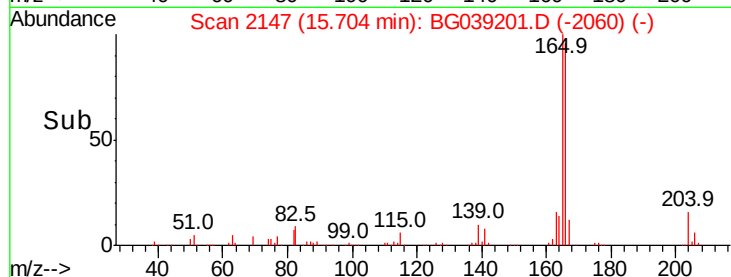
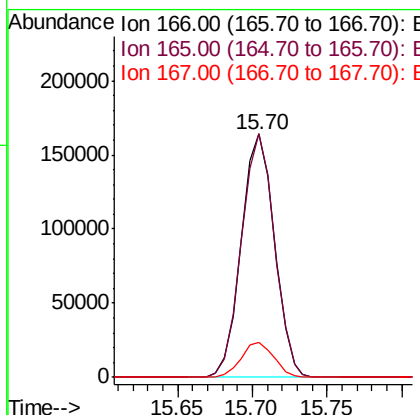
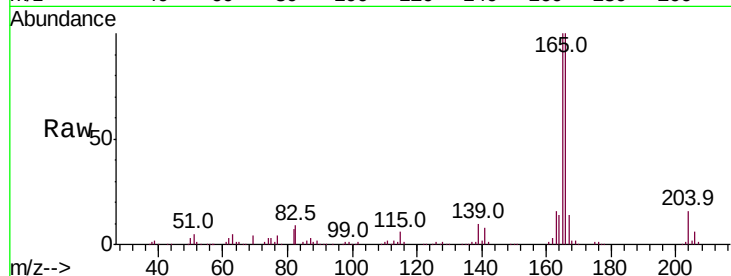




#58
 Fluorene
 Concen: 40.761 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

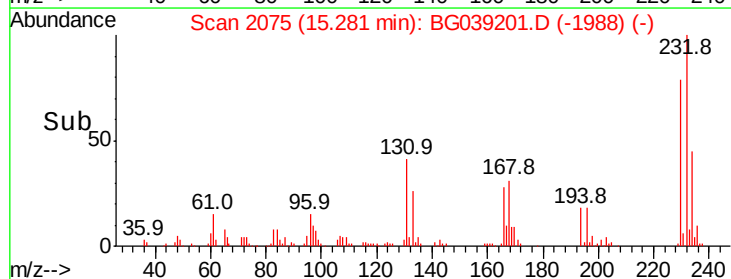
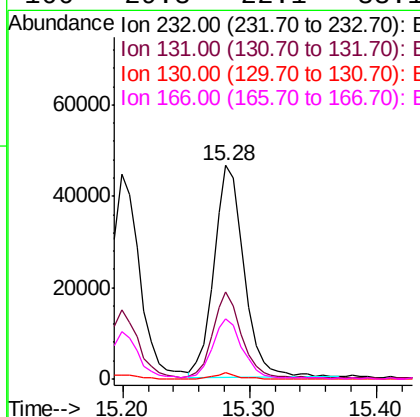
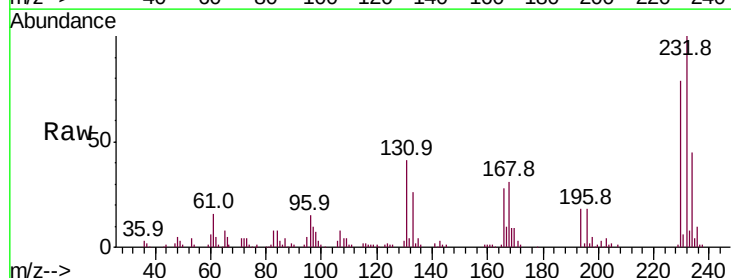
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

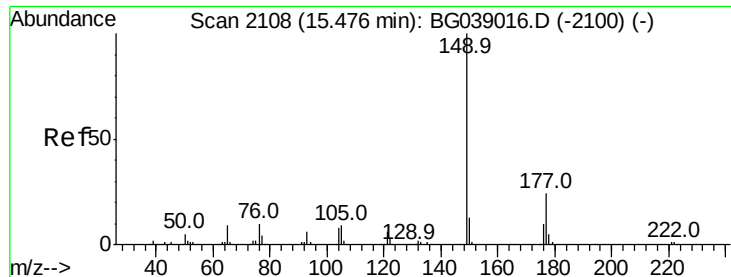
Tot Ion:166 Resp: 252471
 Ion Ratio Lower Upper
 166 100
 165 100.2 76.2 114.2
 167 14.4 10.6 16.0



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.377 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:232 Resp: 76615
 Ion Ratio Lower Upper
 232 100
 131 39.7 30.9 46.3
 130 2.2 1.9 2.9
 166 29.3 22.1 33.1

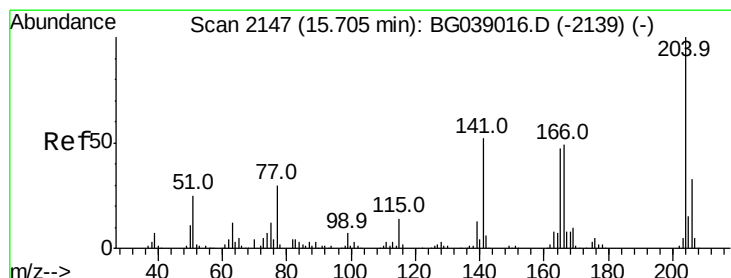
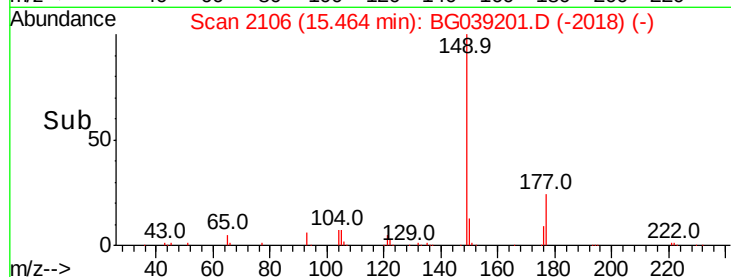
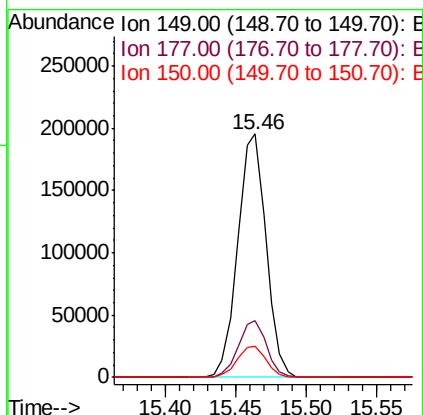
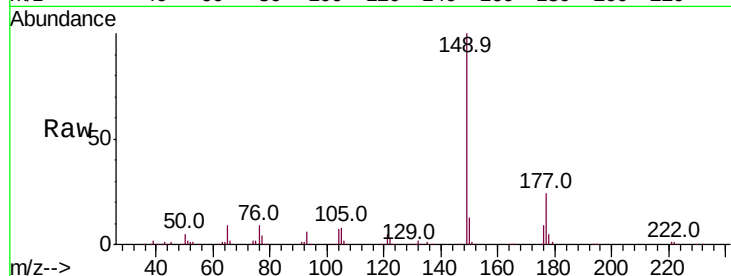




#60
Diethylphthalate
Concen: 39.047 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

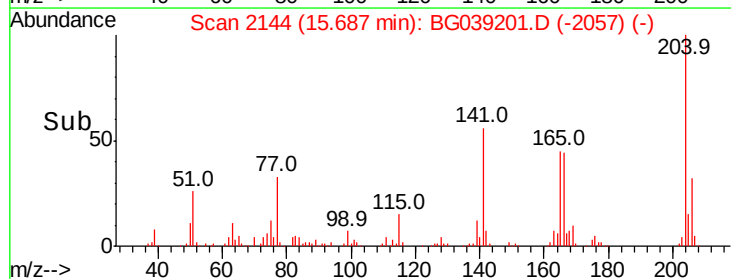
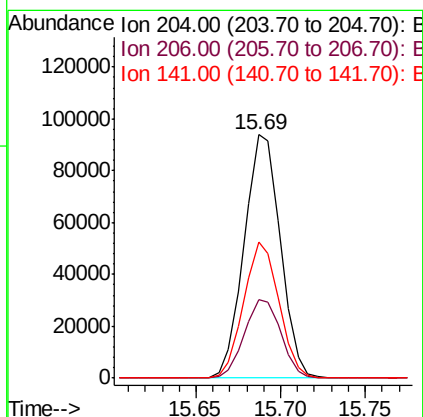
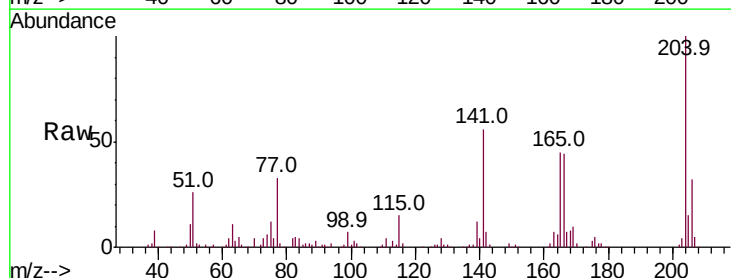
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

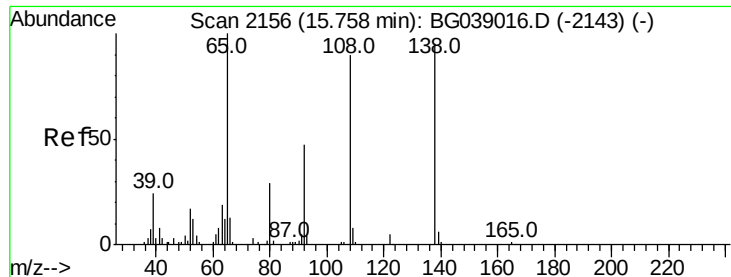
Tot Ion:149 Resp: 273541
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.6
150 13.0 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 35.944 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:204 Resp: 140263
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 56.1 41.4 62.0





#62

4-Nitroaniline

Concen: 32.094 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

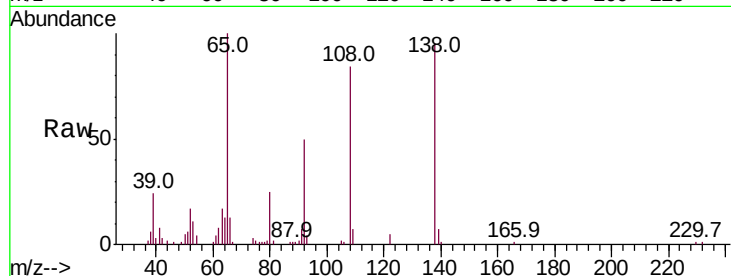
Tot Ion:138 Resp: 51559

Ion Ratio Lower Upper

138 100

92 53.2 29.7 69.7

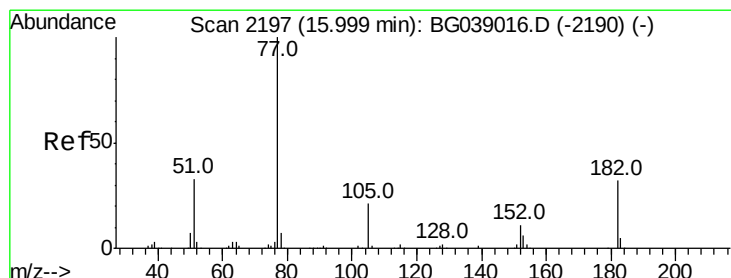
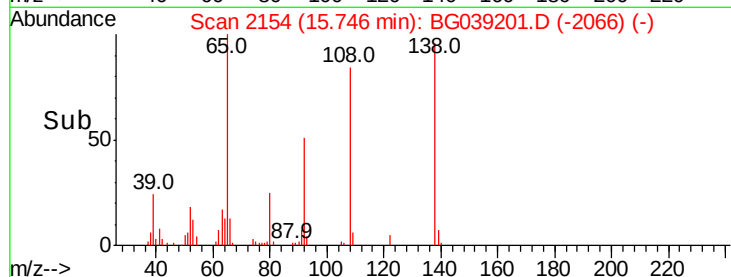
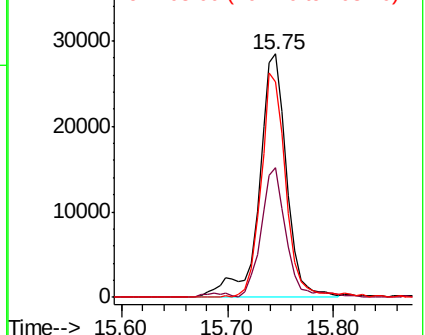
108 88.4 75.7 115.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 39.922 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion: 77 Resp: 218711

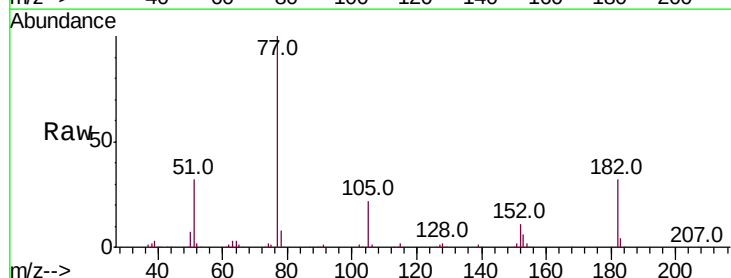
Ion Ratio Lower Upper

77 100

182 32.2 12.2 52.2

105 21.8 1.2 41.2

51 32.4 13.4 53.4

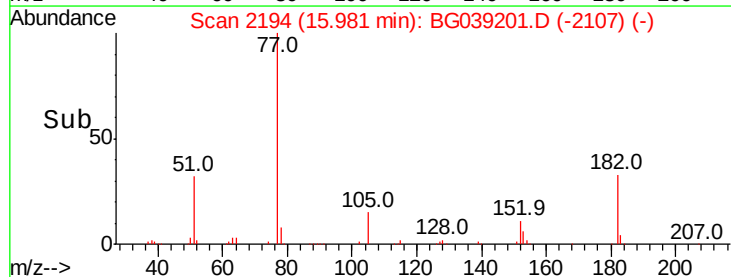
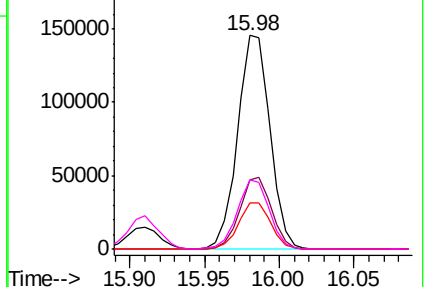


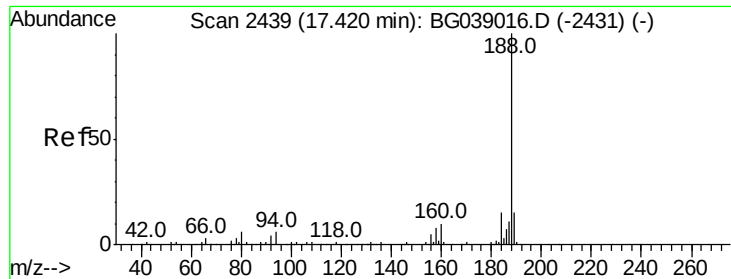
Abundance Ion 77.00 (76.70 to 77.70): BG

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): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

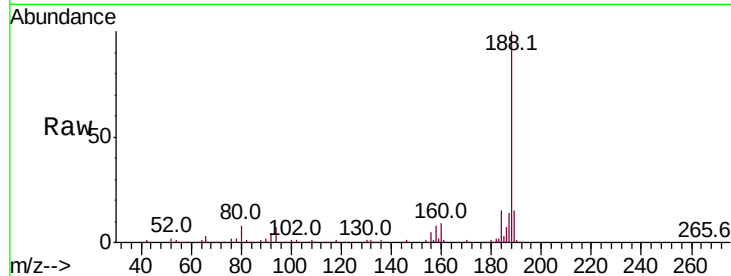
Tot Ion:188 Resp: 211534

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

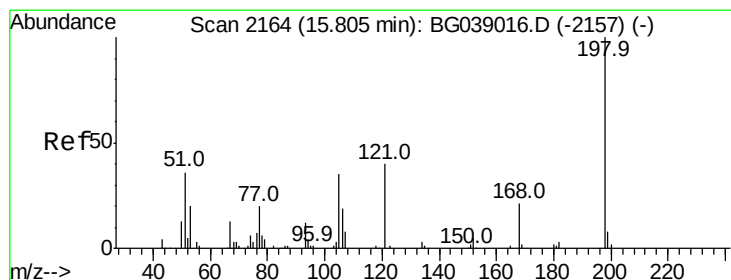
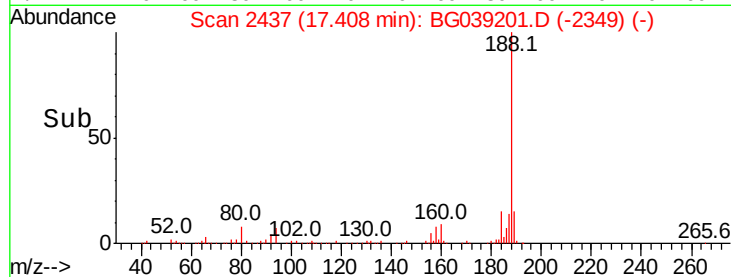
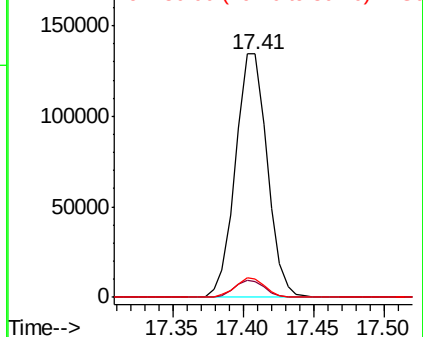
80 7.5 4.7 7.1#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 21.654 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

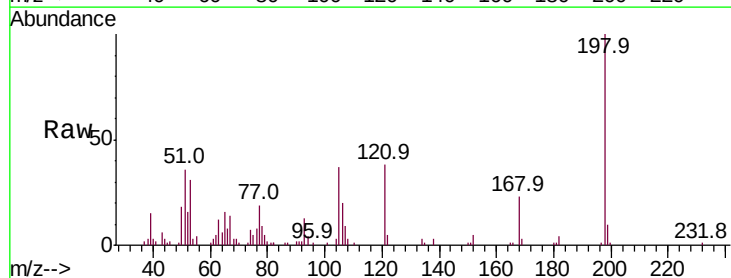
Tgt Ion:198 Resp: 33936

Ion Ratio Lower Upper

198 100

51 35.9 20.8 60.8

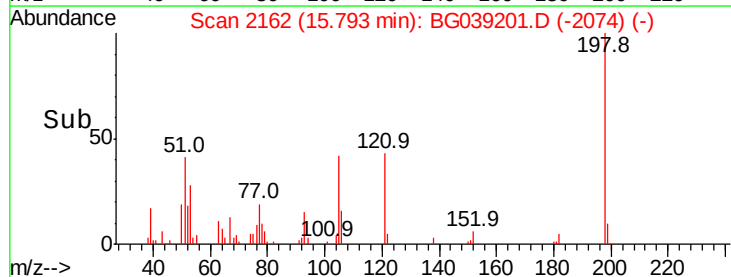
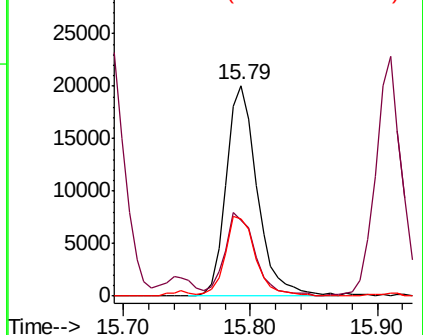
105 37.0 16.1 56.1

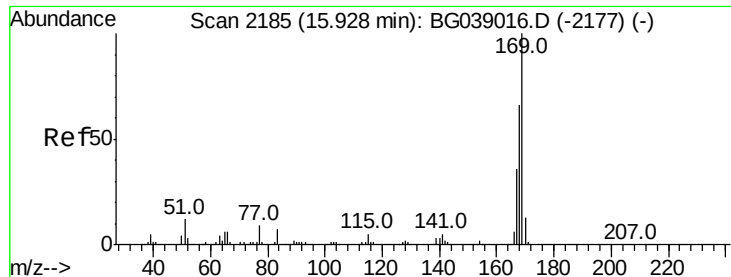


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 36.986 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

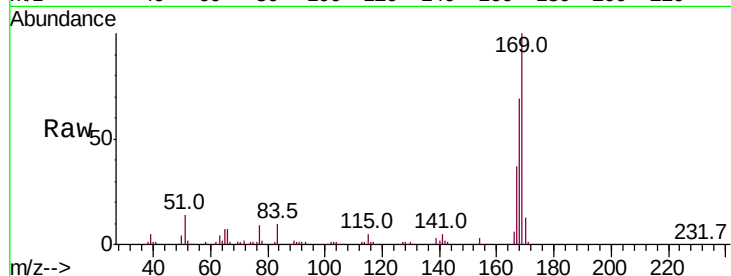
Tot Ion:169 Resp: 231935

Ion Ratio Lower Upper

169 100

168 69.4 53.2 79.8

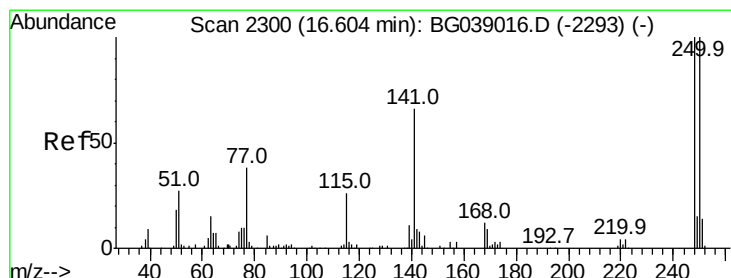
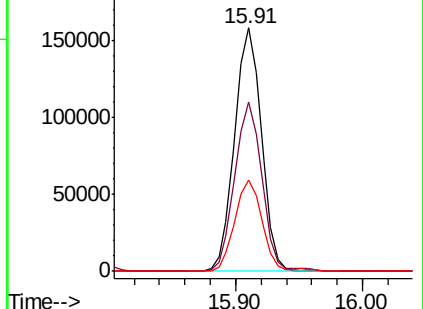
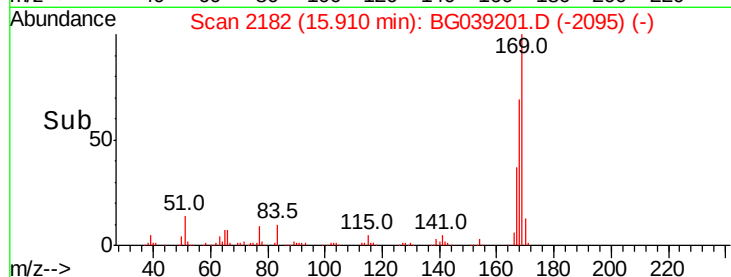
167 37.3 29.1 43.7



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



#67

4-Bromophenyl-phenylether

Concen: 34.576 ng

RT: 16.59 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

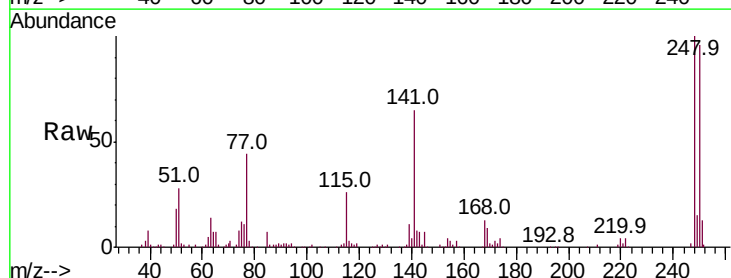
Tgt Ion:248 Resp: 94018

Ion Ratio Lower Upper

248 100

250 95.7 79.9 119.9

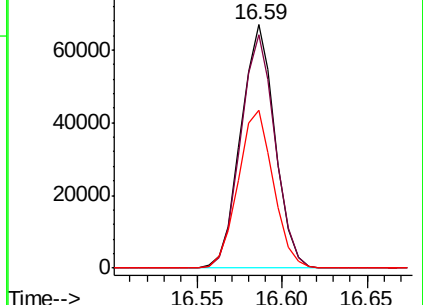
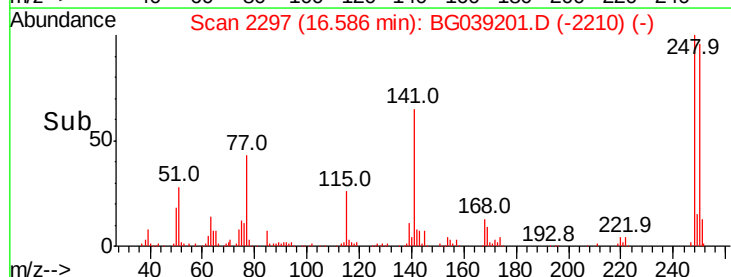
141 65.1 52.7 79.1

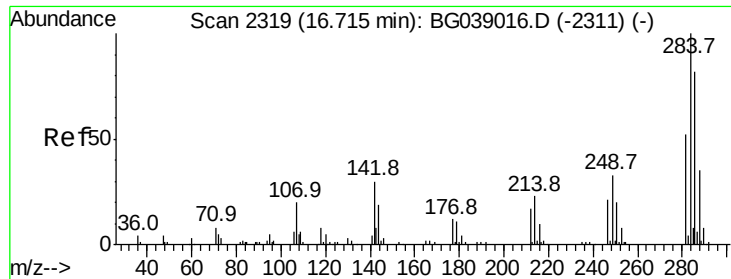


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 33.673 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

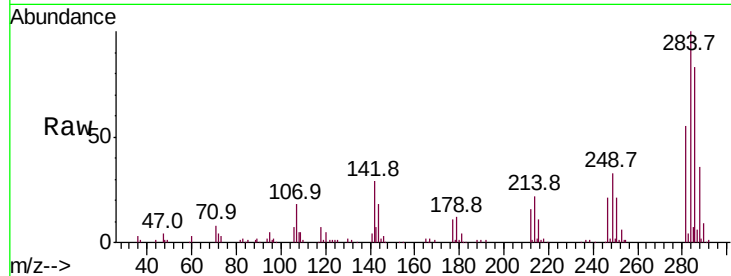
Tot Ion:284 Resp: 99911

Ion Ratio Lower Upper

284 100

142 28.5 24.3 36.5

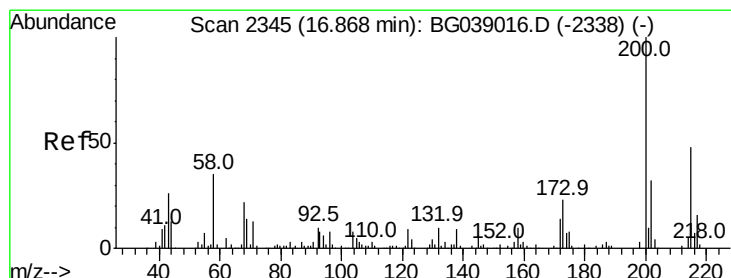
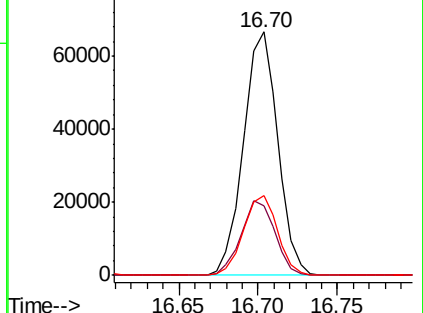
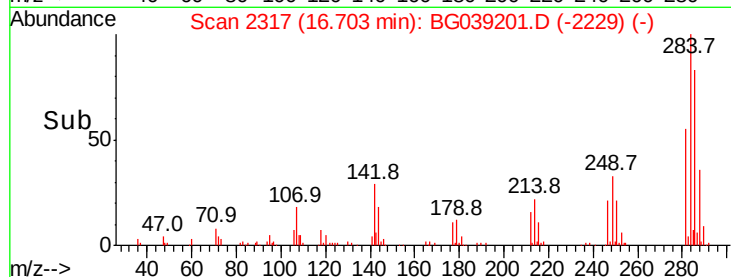
249 35.1 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 36.679 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

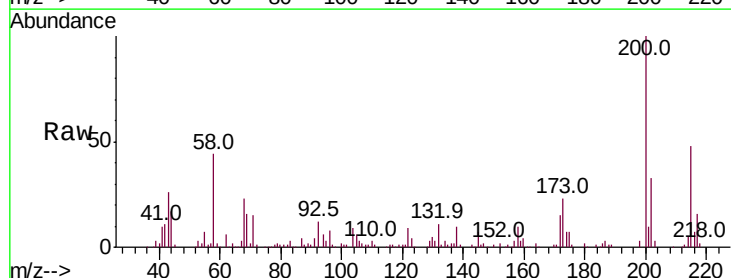
Tgt Ion:200 Resp: 97712

Ion Ratio Lower Upper

200 100

173 23.4 2.6 42.6

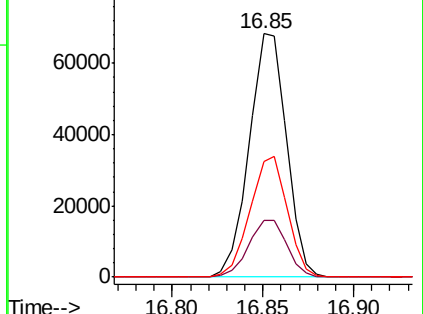
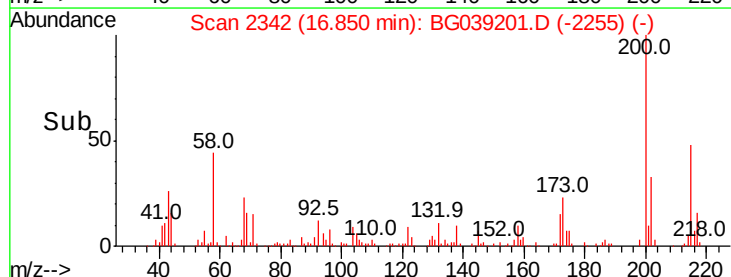
215 47.6 28.0 68.0

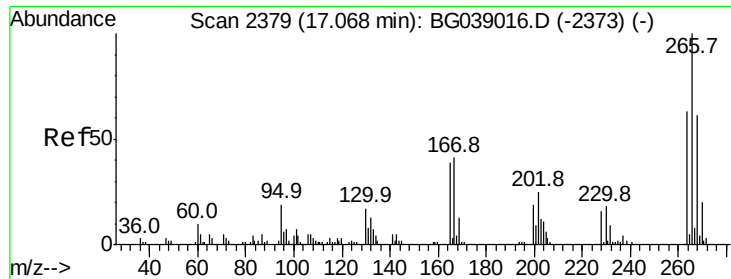


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

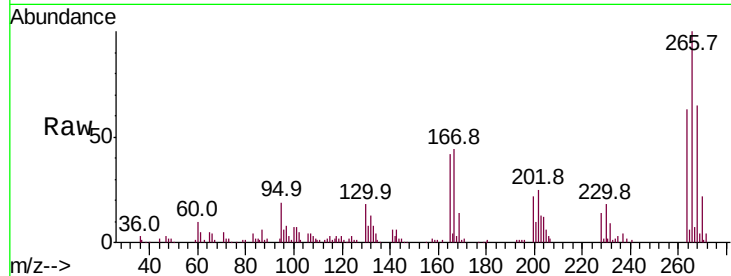




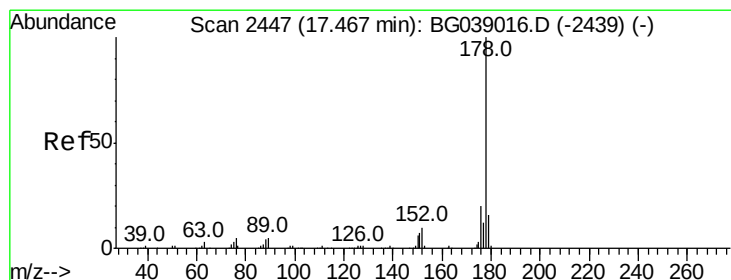
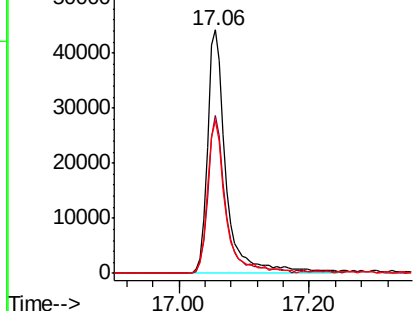
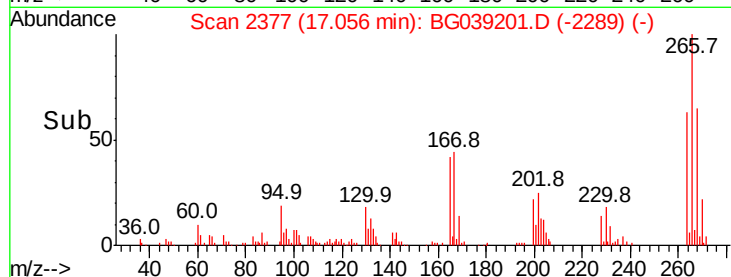
#70
 Pentachlorophenol
 Concen: 50.148 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.3	52.0	78.0
264	62.8	54.6	81.8

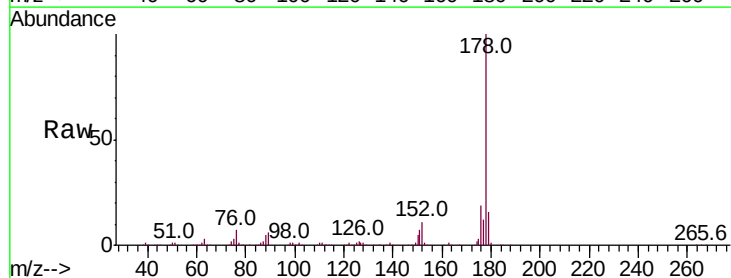


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

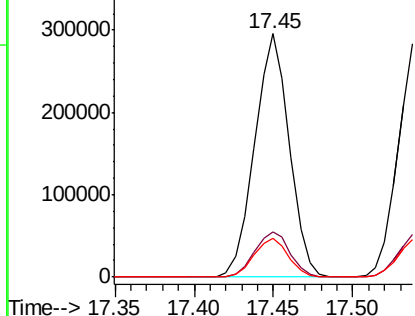
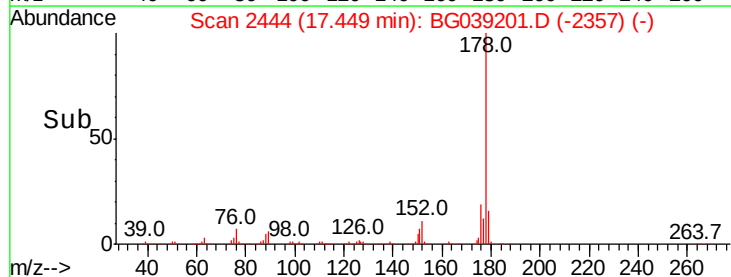


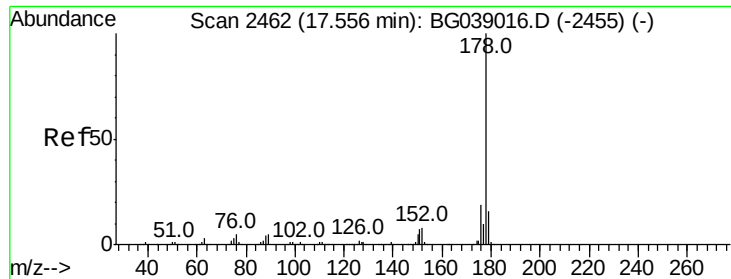
#71
 Phenanthrene
 Concen: 40.145 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	16.0	12.9	19.3



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

Anthracene

Concen: 40.913 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

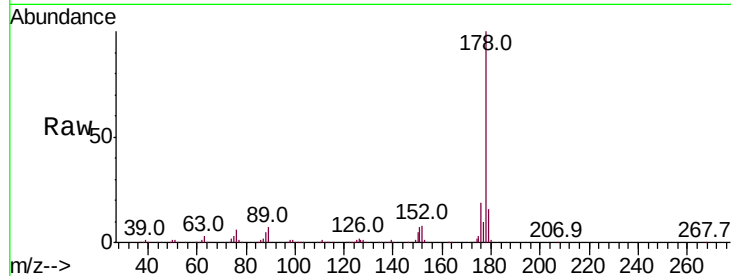
Tot Ion:178 Resp: 452298

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

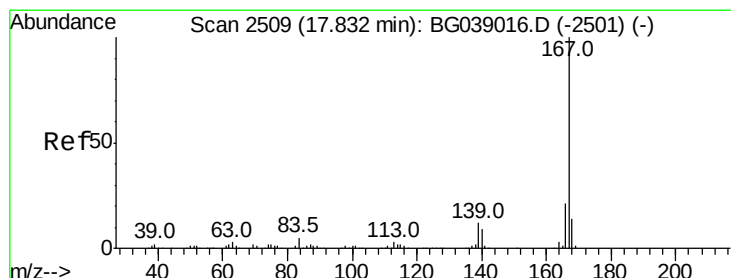
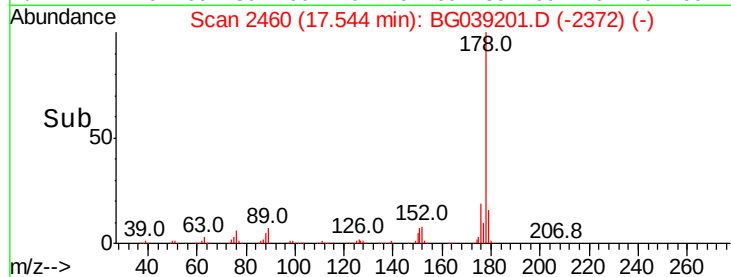
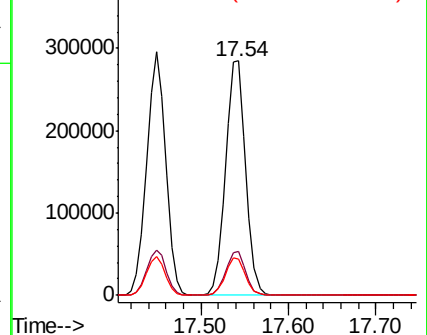
179 15.6 13.0 19.4



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



#73

Carbazole

Concen: 37.433 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

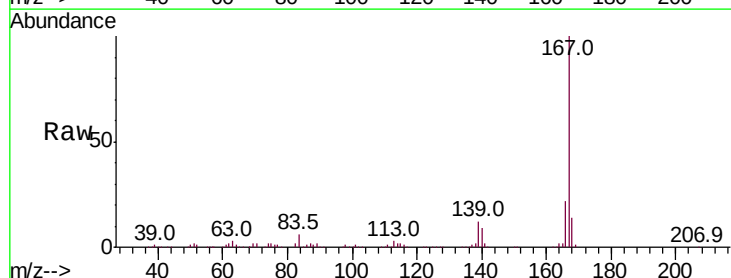
Tgt Ion:167 Resp: 408518

Ion Ratio Lower Upper

167 100

166 22.3 16.9 25.3

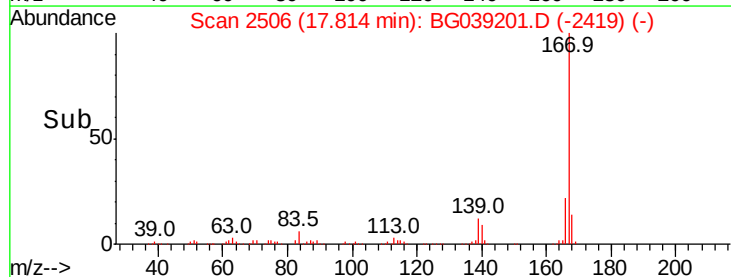
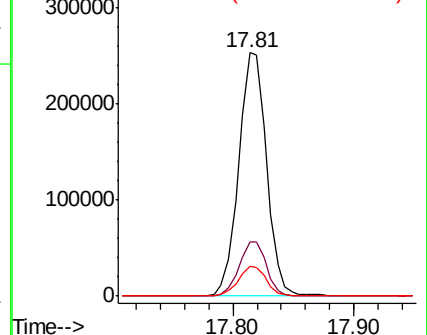
139 12.1 10.0 15.0

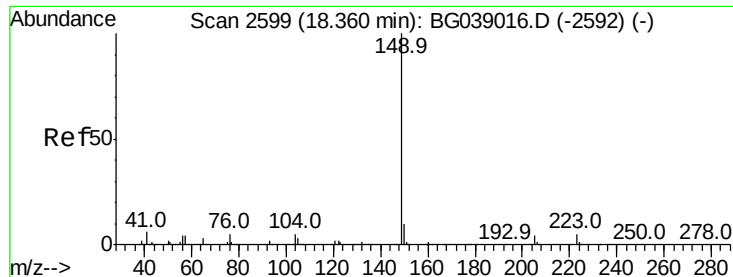


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

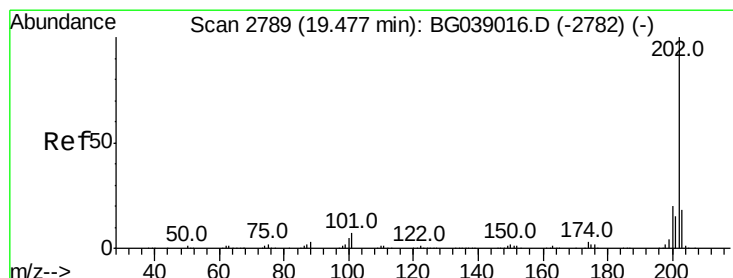
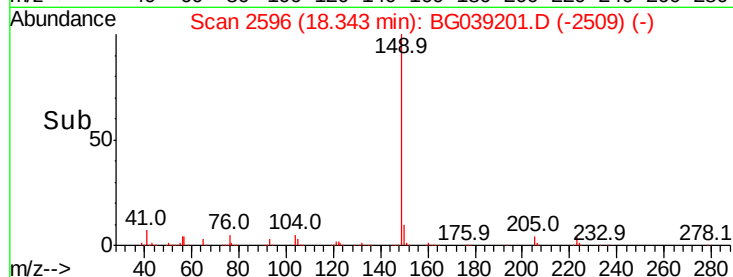
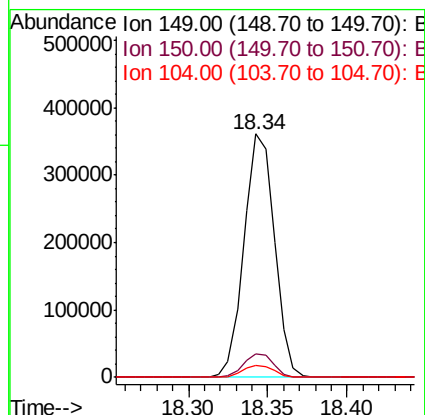
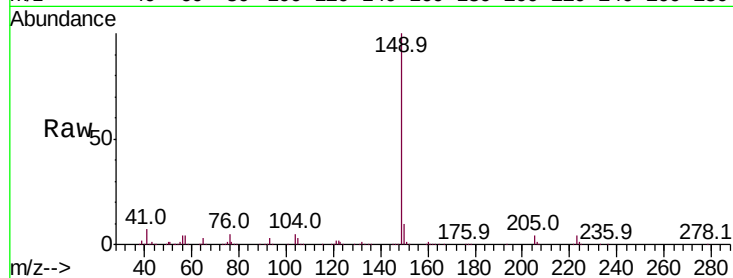




#74
Di-n-butylphthalate
Concen: 39.632 ng
RT: 18.34 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

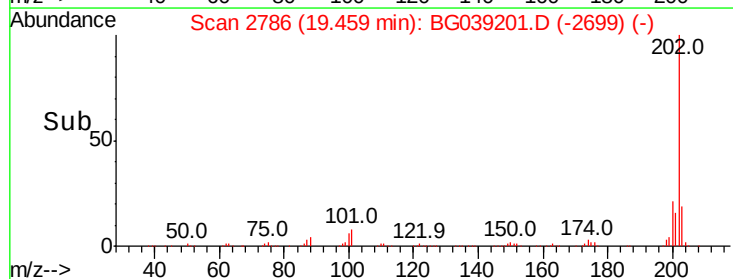
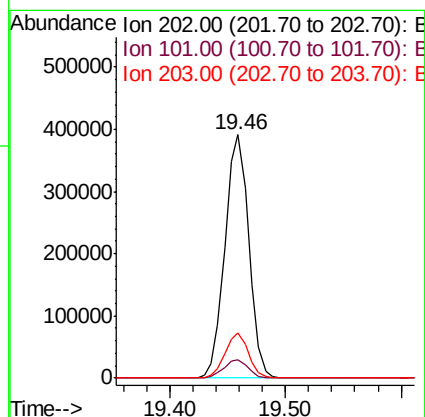
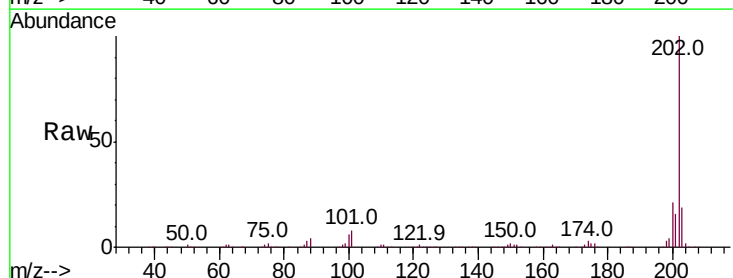
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

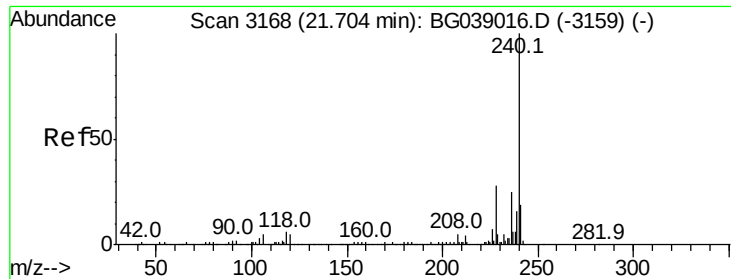
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.2	4.2	6.2



#75
Fluoranthene
Concen: 40.336 ng
RT: 19.46 min Scan# 2786
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	26.9
203	18.7	0.0	38.1

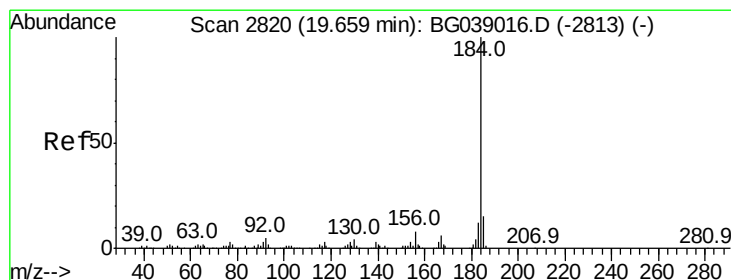
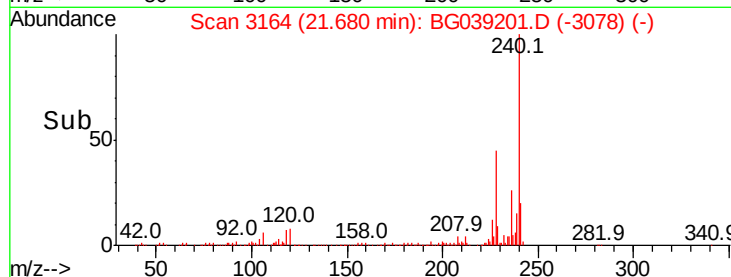
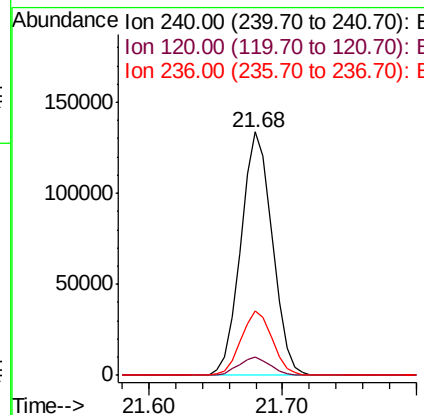
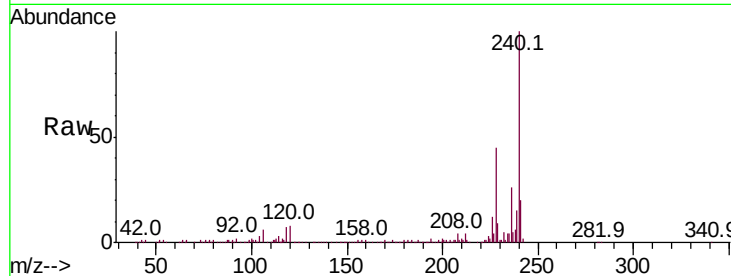




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

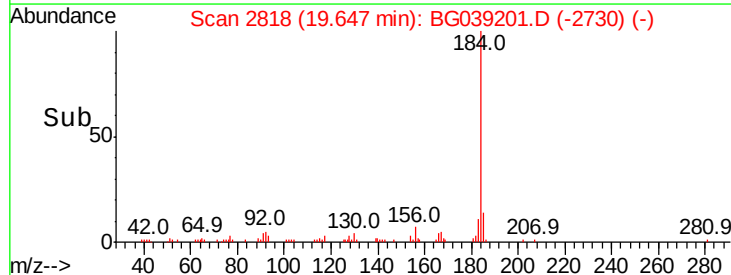
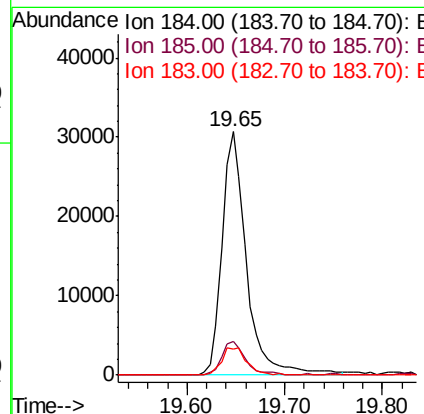
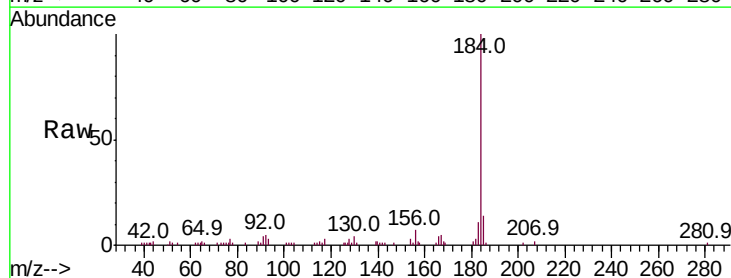
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

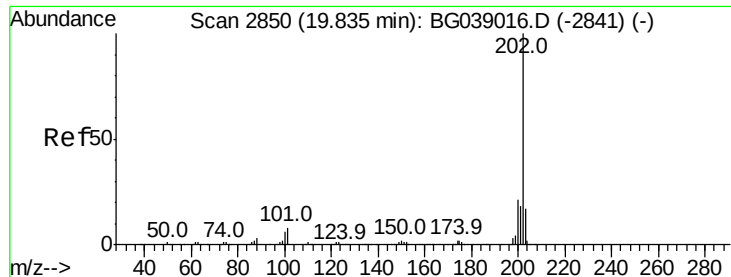
Tot Ion:240 Resp: 217293
 Ion Ratio Lower Upper
 240 100
 120 7.7 4.3 6.5#
 236 26.3 20.1 30.1



#77
 Benzidine
 Concen: 8.037 ng
 RT: 19.65 min Scan# 2818
 Delta R.T. -0.01 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:184 Resp: 53414
 Ion Ratio Lower Upper
 184 100
 185 13.8 12.1 18.1
 183 10.8 9.5 14.3





#78

Pvrene

Concen: 40.747 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

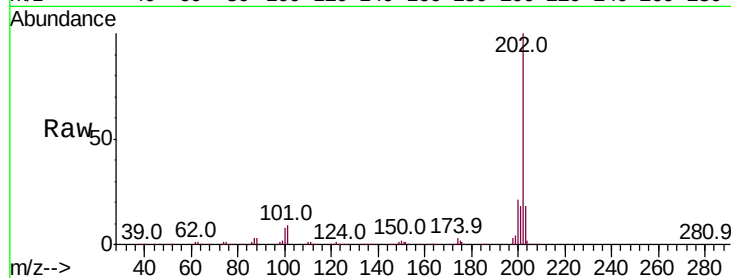
Tot Ion:202 Resp: 564257

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

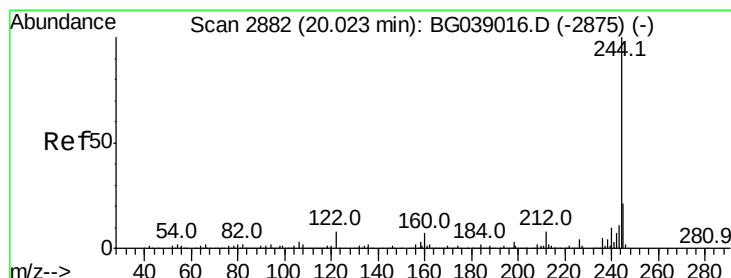
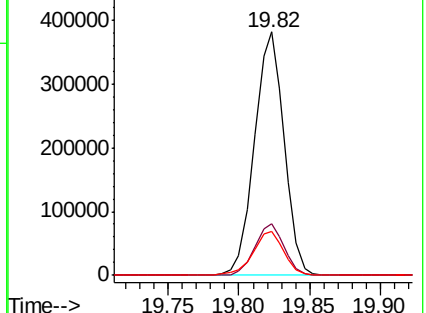
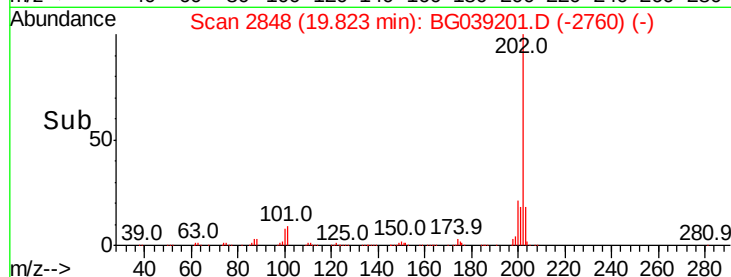
203 18.0 14.0 21.0



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



#79

Terphenyl-d14

Concen: 80.965 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

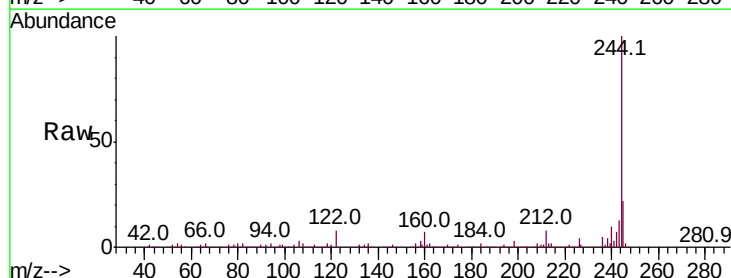
Tgt Ion:244 Resp: 951035

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

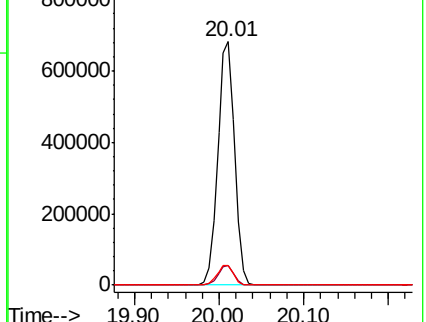
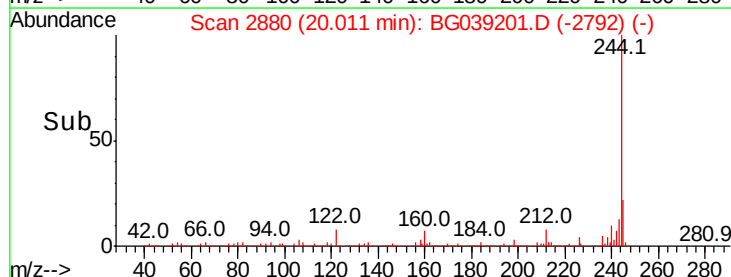
122 8.2 6.1 9.1

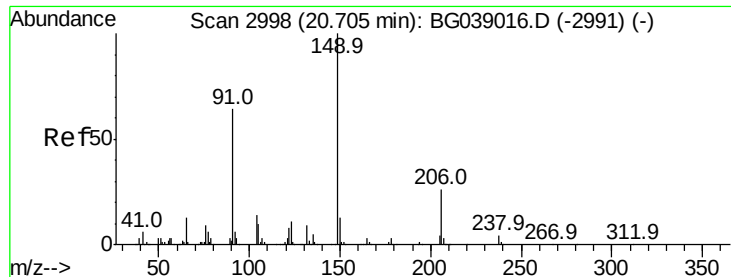


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

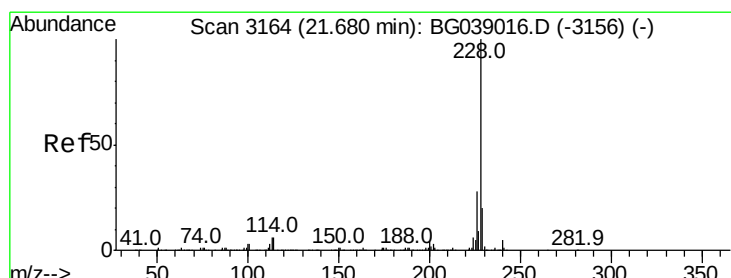
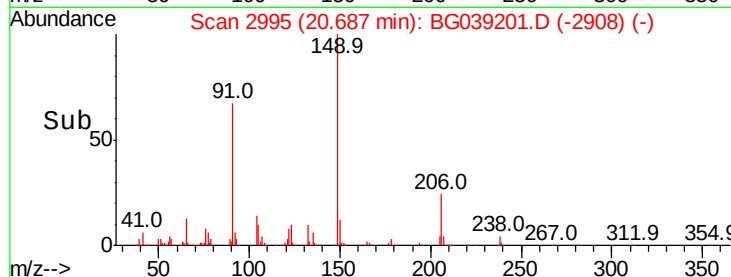
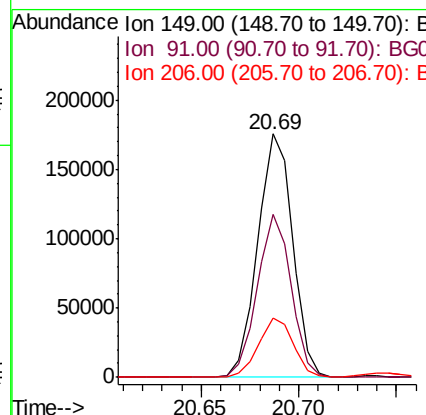
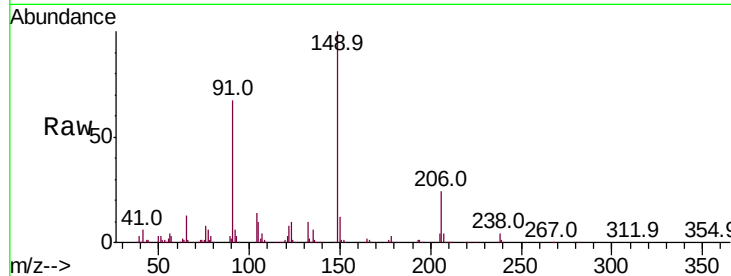




#80
Butylbenzylphthalate
Concen: 41.347 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

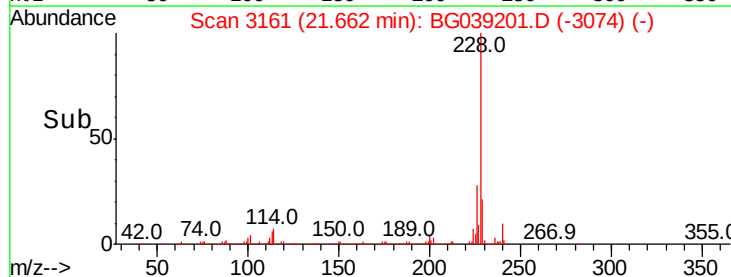
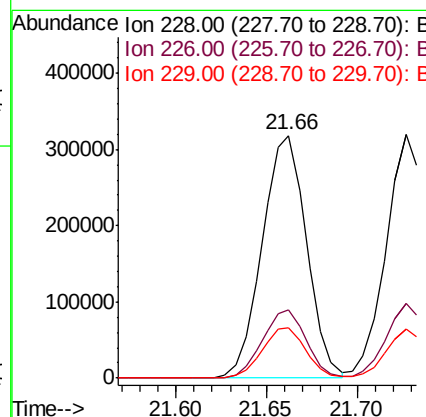
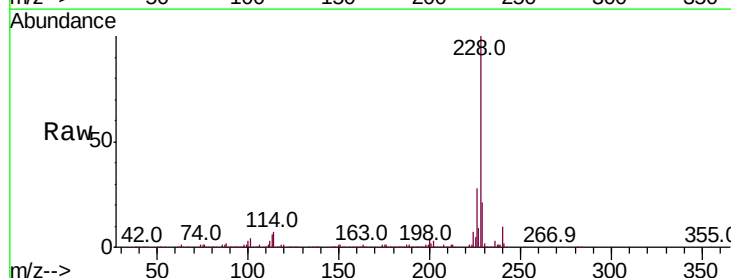
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

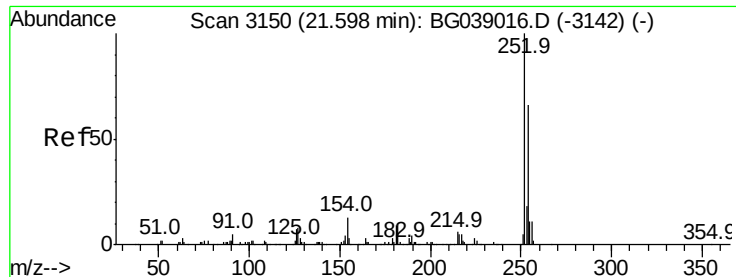
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	51.4	77.0
206	24.3	20.4	30.6



#81
Benzo(a)anthracene
Concen: 40.875 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.5	16.2	24.2

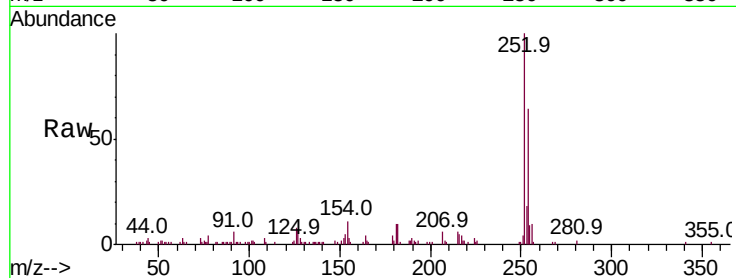




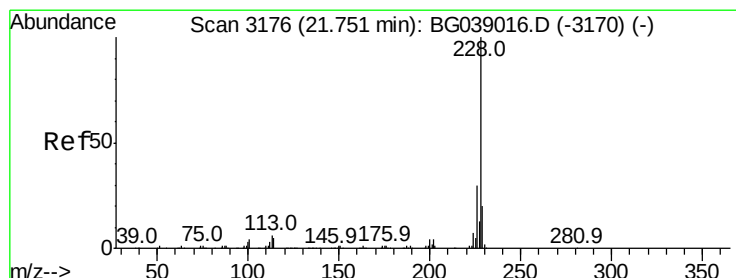
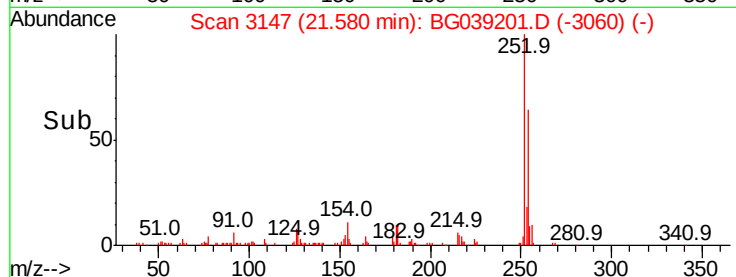
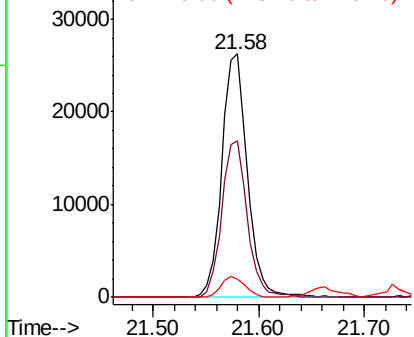
#82
 3,3'-Dichlorobenzidine
 Concen: 8.154 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion:252 Resp: 43944
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.0 79.6
 126 7.6 6.0 9.0

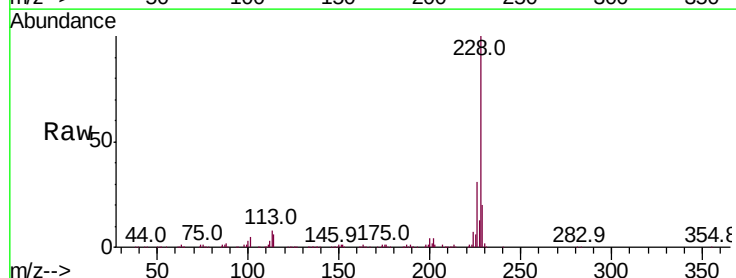


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

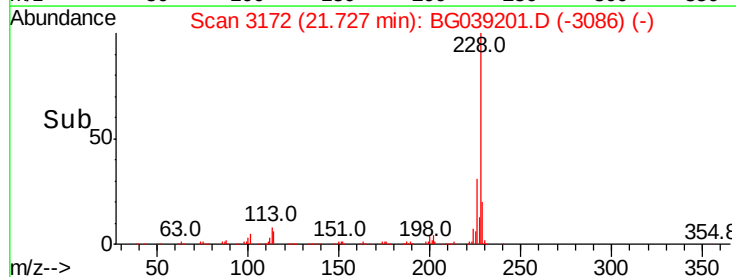
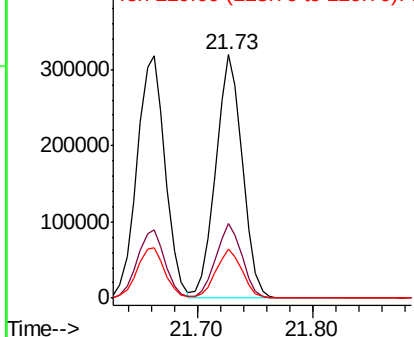


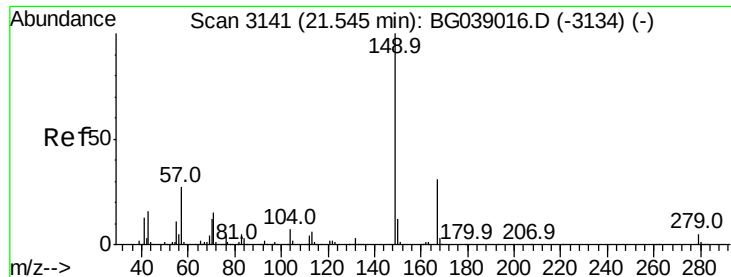
#83
 Chrysene
 Concen: 40.340 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:228 Resp: 507508
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 20.4 16.0 24.0



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.462 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

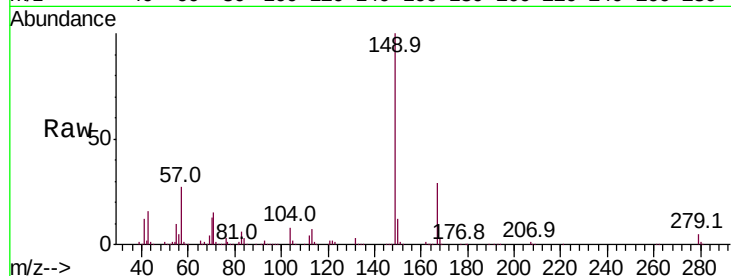
Tot Ion:149 Resp: 303211

Ion Ratio Lower Upper

149 100

167 29.5 25.0 37.4

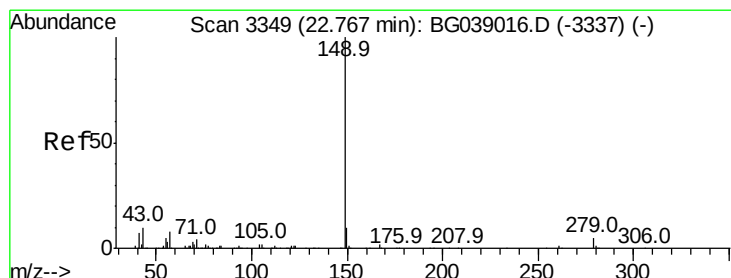
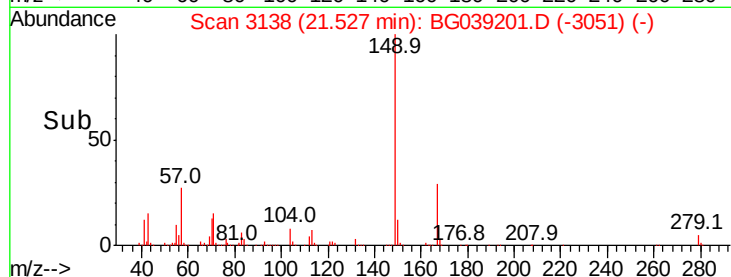
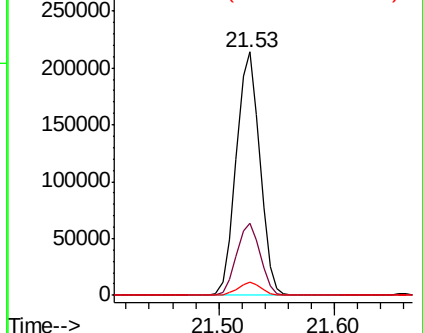
279 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.473 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.03 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

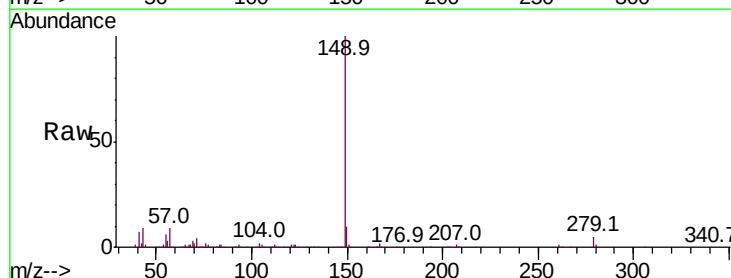
Tgt Ion:149 Resp: 512847

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

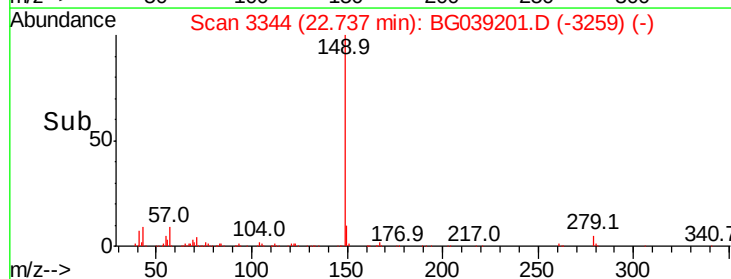
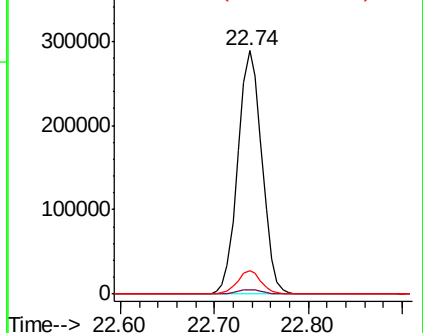
43 9.2 7.5 11.3

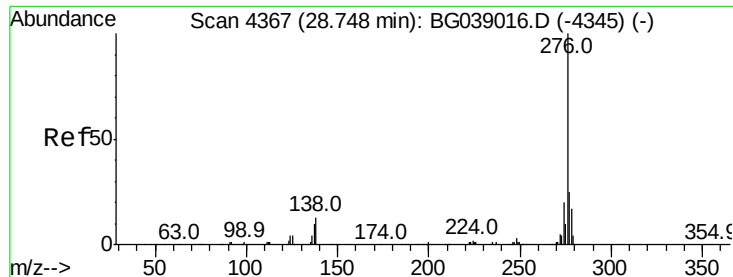


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 39.947 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.06 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

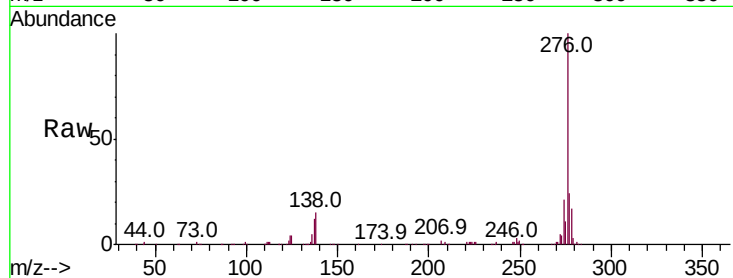
Tot Ion:276 Resp: 600509

Ion Ratio Lower Upper

276 100

138 9.9 8.0 12.0

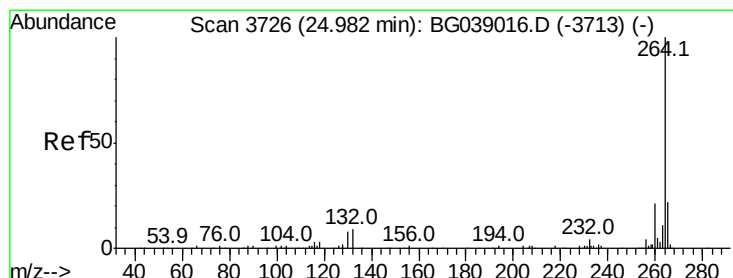
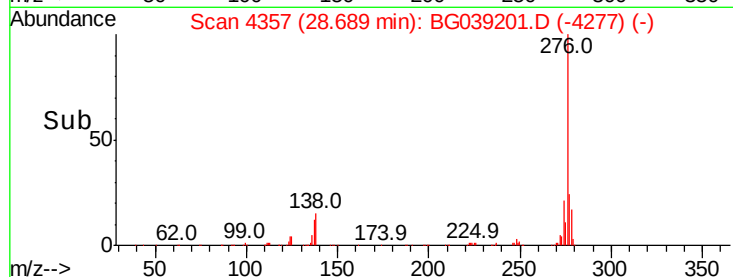
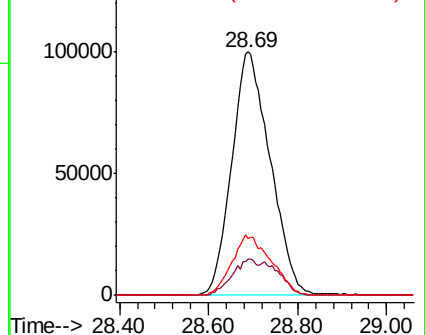
277 25.2 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

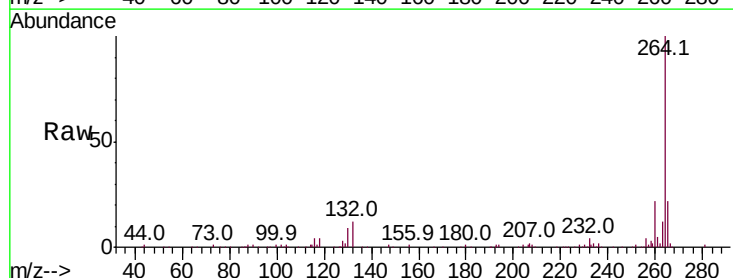
Tgt Ion:264 Resp: 225838

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

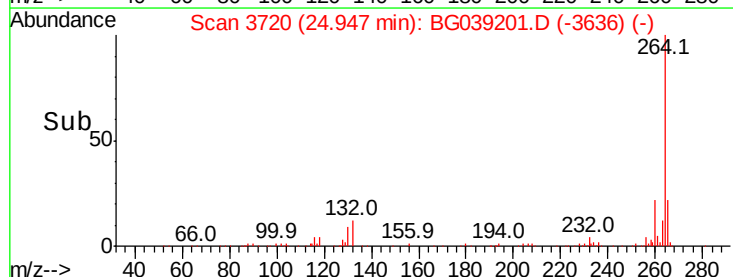
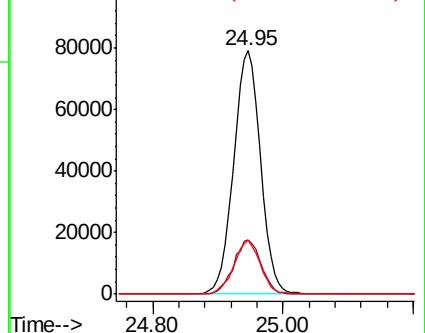
265 22.1 17.2 25.8

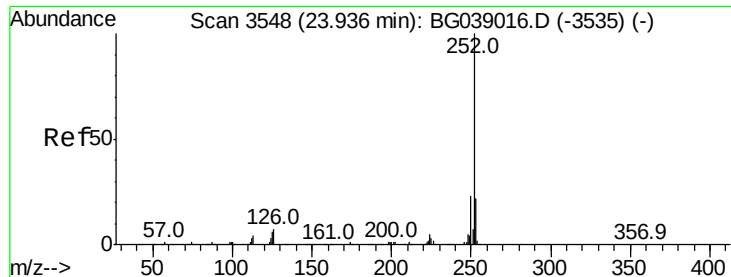


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

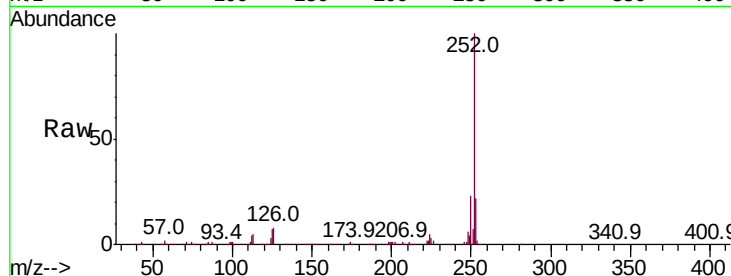




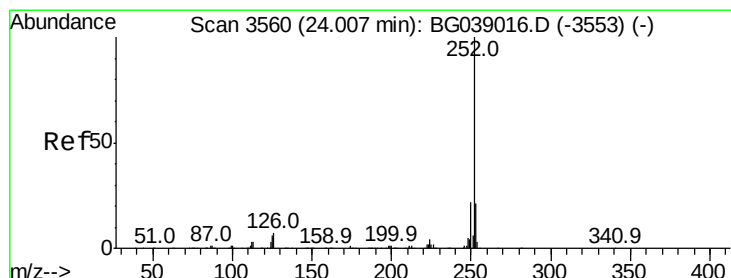
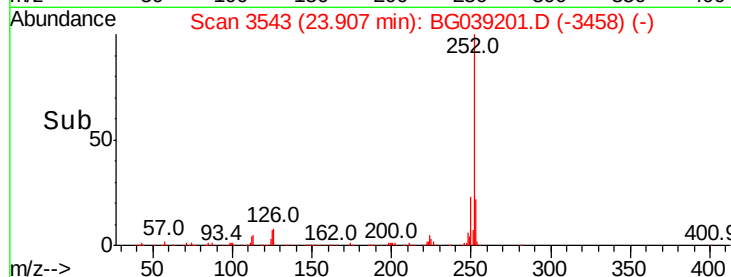
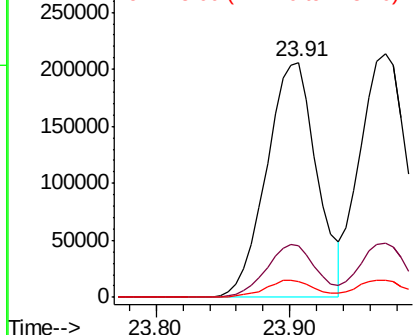
#88
Benzo(b)fluoranthene
Concen: 43.320 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:252 Resp: 539444
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 6.5 4.9 7.3

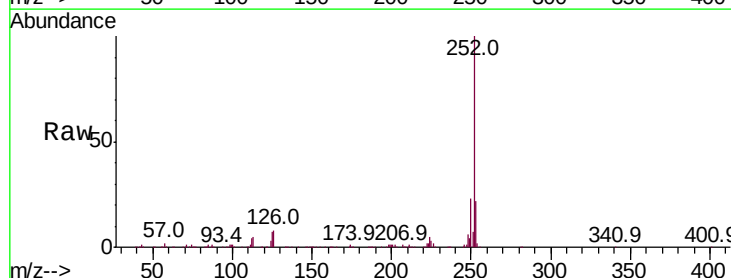


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

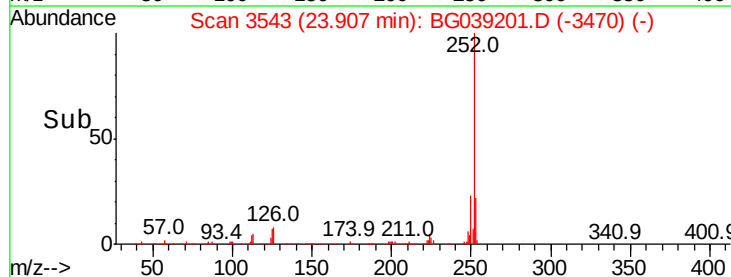
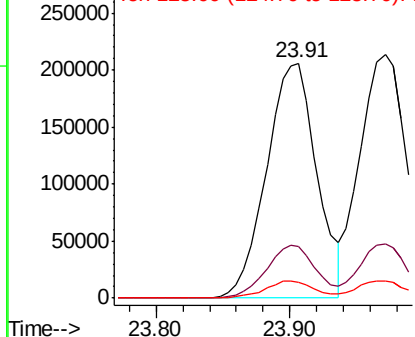


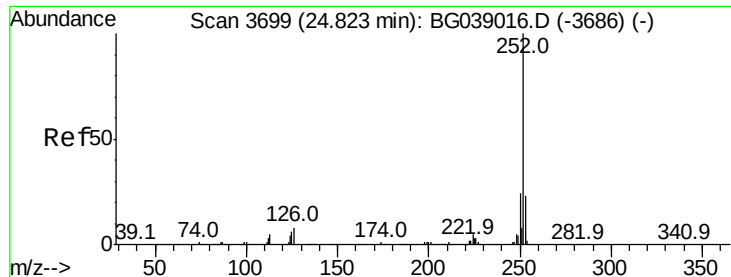
#89
Benzo(k)fluoranthene
Concen: 43.814 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.10 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:252 Resp: 539444
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.5 4.6 7.0



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

Benzo(a)pyrene

Concen: 42.515 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.04 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

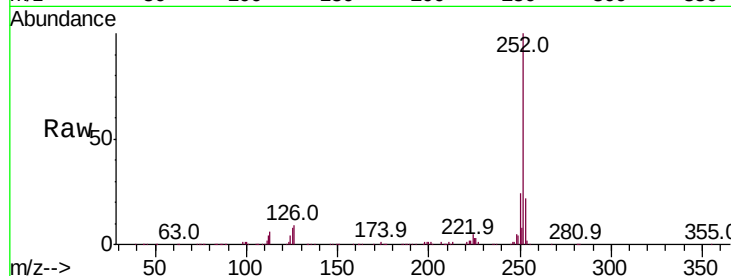
Tot Ion:252 Resp: 511733

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

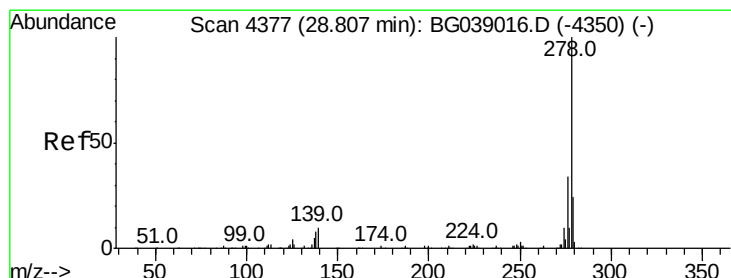
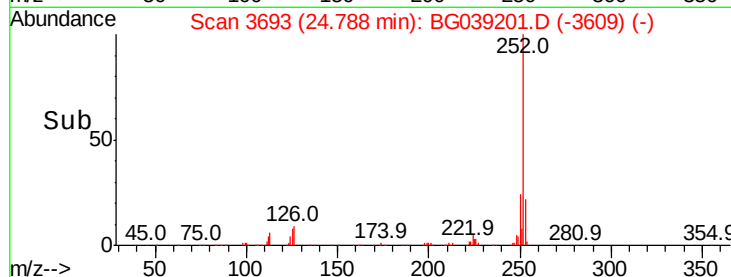
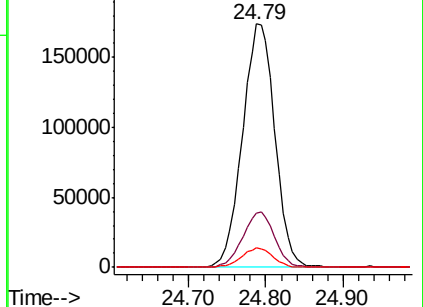
125 8.2 4.9 7.3#



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



#91

Dibenzo(a,h)anthracene

Concen: 40.978 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

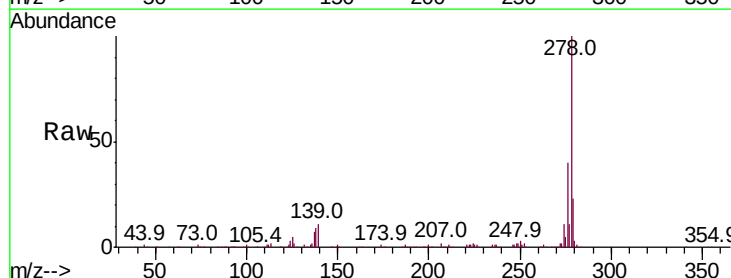
Tgt Ion:278 Resp: 490602

Ion Ratio Lower Upper

278 100

139 11.0 7.9 11.9

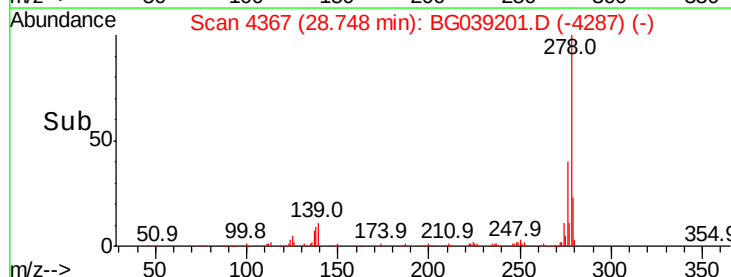
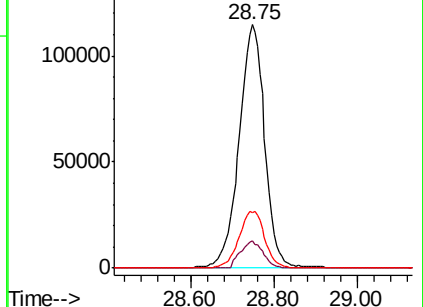
279 22.6 19.3 28.9

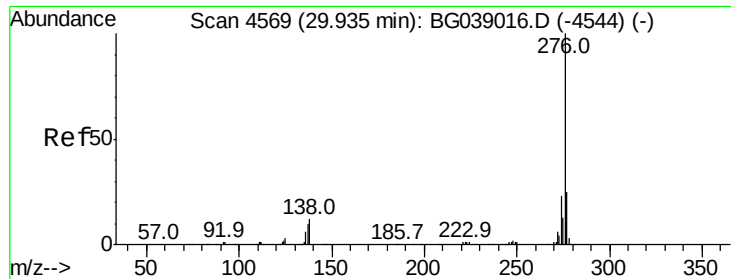


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 41.538 ng

RT: 29.88 min Scan# 4559

Delta R.T. -0.06 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:276 Resp: 492322

Ion Ratio Lower Upper

276 100

277 23.5 20.3 30.5

138 14.2 9.4 14.2#

