

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039663.D
 Acq On : 28 Feb 2019 17:01
 Operator : JU/SJ
 Sample : PB117428BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 06:03:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38823	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	199195	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	167539	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	454485	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	349139	20.00	ng	-0.02
87) Perylene-d12	25.19	264	361991	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	670329	295.51	ng	0.00
7) Phenol-d6	7.32	99	1003737	300.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	987	0.31	ng	-0.03
42) 2,4,6-Tribromophenol	16.28	330	543445	301.23	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	126	0.01	ng	-0.03
79) Terphenyl-d14	20.12	244	750	0.05	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	38158	38.457	ng	99
3) Pyridine	4.00	79	109143	41.546	ng	92
4) n-Nitrosodimethylamine	3.92	42	53872	41.004	ng	88
6) Aniline	7.49	93	136188	32.563	ng	99
8) 2-Chlorophenol	7.73	128	132443	53.415	ng	97
9) Benzaldehyde	7.31	77	95583	72.751	ng	96
10) Phenol	7.35	94	192020	55.169	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	120475	43.804	ng	94
12) 1,3-Dichlorobenzene	8.05	146	124491	41.445	ng	99
13) 1,4-Dichlorobenzene	8.21	146	125534	41.930	ng	95
14) 1,2-Dichlorobenzene	8.52	146	126982	43.812	ng	96
15) Benzyl Alcohol	8.40	79	135838	51.820	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	229776	36.996	ng	98
17) 2-Methylphenol	8.60	107	126490	56.158	ng	96
18) Hexachloroethane	9.25	117	44113	42.827	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	107953	45.553	ng	92
20) 3+4-Methylphenols	8.93	107	183049	59.016	ng	98
22) Acetophenone	8.99	105	201061	37.577	ng	# 93
24) Nitrobenzene	9.39	77	156101	45.316	ng	96
25) Isophorone	9.90	82	321847	45.550	ng	96
26) 2-Nitrophenol	10.10	139	80399	56.372	ng	97
27) 2,4-Dimethylphenol	10.14	122	158926	55.601	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	191161	43.923	ng	99
29) 2,4-Dichlorophenol	10.63	162	168755	54.020	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	144681	41.252	ng	98
31) Naphthalene	11.04	128	431149	43.630	ng	99
32) Benzoic acid	10.27	122	93163	49.441	ng	91
33) 4-Chloroaniline	11.15	127	117623	25.671	ng	98
34) Hexachlorobutadiene	11.30	225	90240	38.689	ng	96
35) Caprolactam	11.94	113	68420	52.928	ng	# 82
36) 4-Chloro-3-methylphenol	12.25	107	199497	55.219	ng	99
37) 2-Methylnaphthalene	12.63	142	351943	48.085	ng	99
38) 1-Methylnaphthalene	12.85	142	341325	48.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	196369	36.838	ng	99

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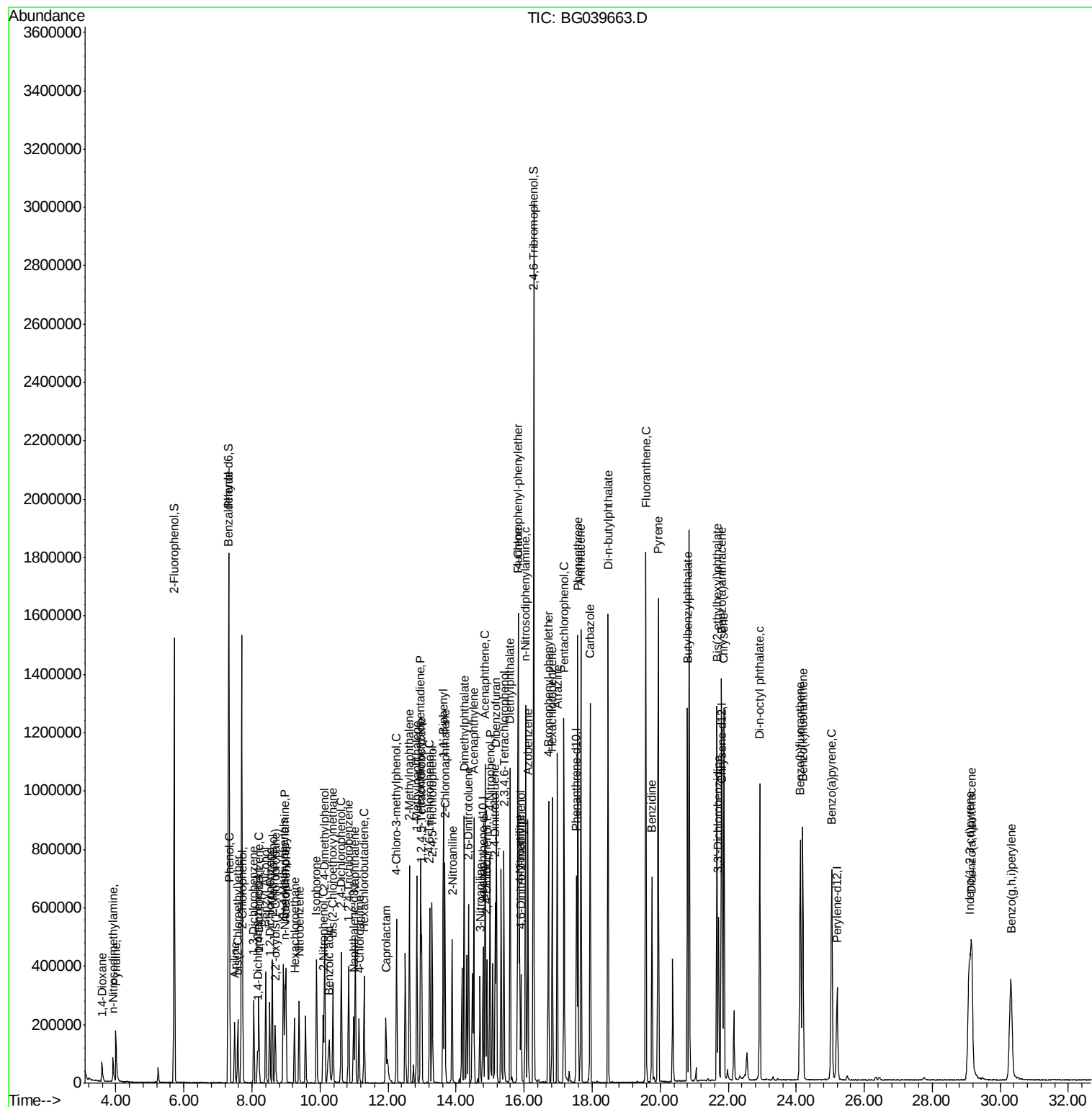
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230678	79.415	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	152646	46.573	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	170974	49.772	nq	99
46) 1,1'-Biphenyl	13.63	154	517320	37.111	nq	99
47) 2-Chloronaphthalene	13.67	162	399865	38.131	nq	97
48) 2-Nitroaniline	13.89	65	154485	50.716	nq	94
49) Acenaphthylene	14.52	152	669791	42.329	nq	99
50) Dimethylphthalate	14.24	163	590950	43.673	nq	99
51) 2,6-Dinitrotoluene	14.37	165	136285	53.086	nq	90
52) Acenaphthene	14.85	154	408573	39.779	nq	97
53) 3-Nitroaniline	14.70	138	89647	34.681	nq	# 94
54) 2,4-Dinitrophenol	14.90	184	102188	87.392	nq	93
55) Dibenzofuran	15.18	168	694073	42.146	nq	99
56) 4-Nitrophenol	15.00	139	217454	88.239	nq	89
57) 2,4-Dinitrotoluene	15.15	165	199900	59.474	nq	# 84
58) Fluorene	15.84	166	558211	45.470	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178869	55.612	nq	# 97
60) Diethylphthalate	15.59	149	614685	43.937	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	296543	42.660	nq	99
62) 4-Nitroaniline	15.87	138	144432	50.648	nq	93
63) Azobenzene	16.11	77	540453	39.524	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	91929	50.344	nq	95
66) n-Nitrosodiphenylamine	16.04	169	538050	38.935	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	207027	41.060	nq	93
68) Hexachlorobenzene	16.83	284	214924	42.486	nq	96
69) Atrazine	16.98	200	226376	44.826	nq	96
70) Pentachlorophenol	17.18	266	237734	67.618	nq	100
71) Phenanthrene	17.58	178	985145	41.880	nq	98
72) Anthracene	17.67	178	1023046	44.154	nq	97
73) Carbazole	17.94	167	863064	37.324	nq	99
74) Di-n-butylphthalate	18.47	149	1100283	40.787	nq	99
75) Fluoranthene	19.58	202	1111854	40.723	nq	99
77) Benzidine	19.76	184	434861	37.990	nq	99
78) Pyrene	19.94	202	1080452	49.711	nq	99
80) Butylbenzylphthalate	20.81	149	398004	43.410	nq	95
81) Benzo(a)anthracene	21.80	228	876136	42.468	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	210348	27.498	nq	99
83) Chrysene	21.87	228	846312	43.094	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	516898	39.517	nq	99
85) Di-n-octyl phthalate	22.93	149	901140	41.700	nq	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	1004124	47.655	nq	# 95
88) Benzo(b)fluoranthene	24.12	252	878273	44.489	nq	99
89) Benzo(k)fluoranthene	24.19	252	851790	42.976	nq	100
90) Benzo(a)pyrene	25.04	252	857535	45.104	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	813685	45.700	nq	99
92) Benzo(g,h,i)perylene	30.32	276	805257	45.375	nq	98

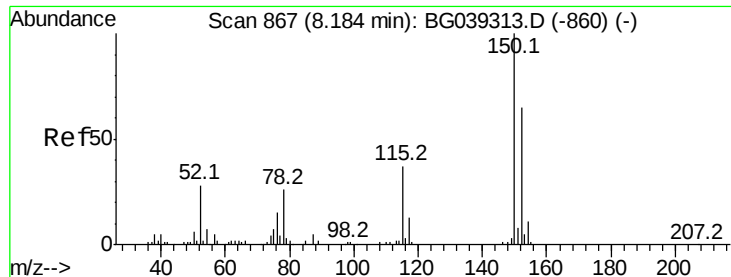
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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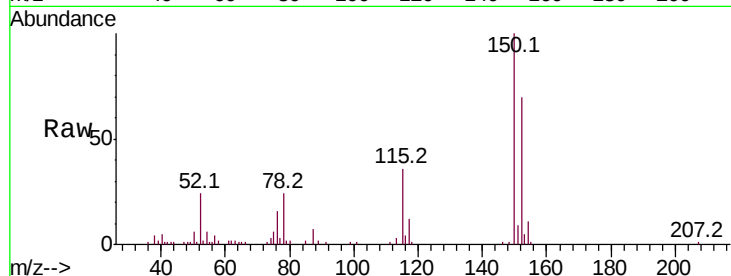


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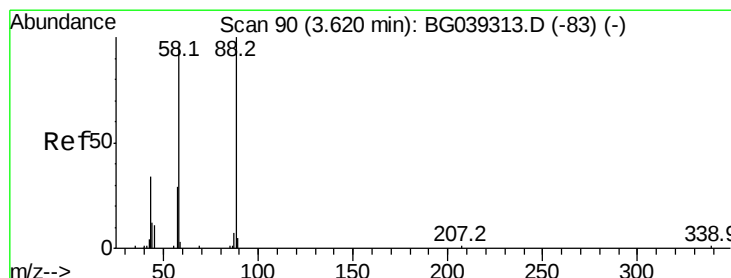
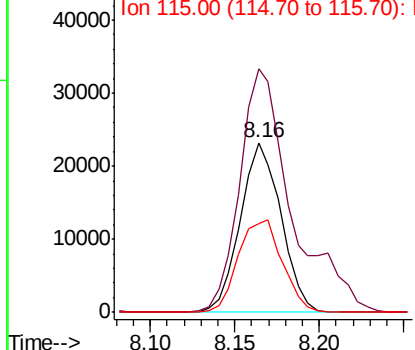
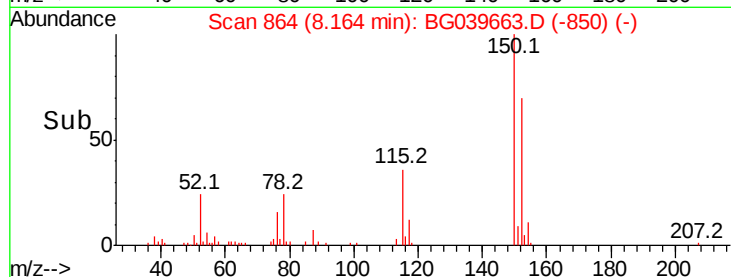
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38823
Ion Ratio Lower Upper
152 100
150 143.5 123.7 185.5
115 52.0 45.9 68.9



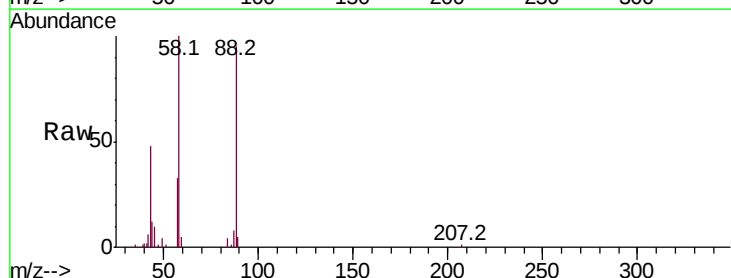
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



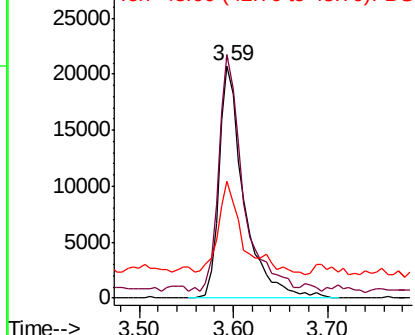
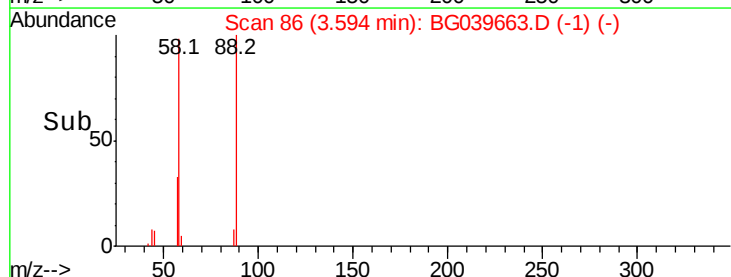
#2

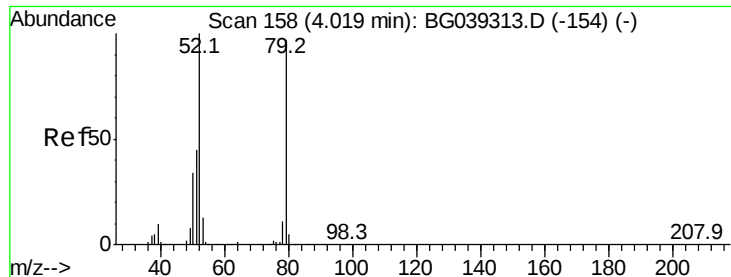
1,4-Dioxane
Concen: 38.457 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion: 88 Resp: 38158
Ion Ratio Lower Upper
88 100
58 100.4 81.1 121.7
43 39.9 31.4 47.0



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





#3

Pvridine

Concen: 41.546 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

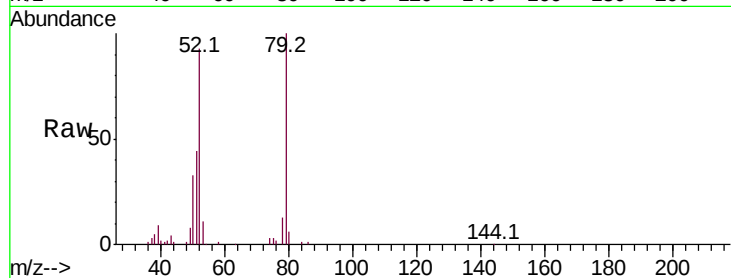
Tot Ion: 79 Resp: 109143

Ion Ratio Lower Upper

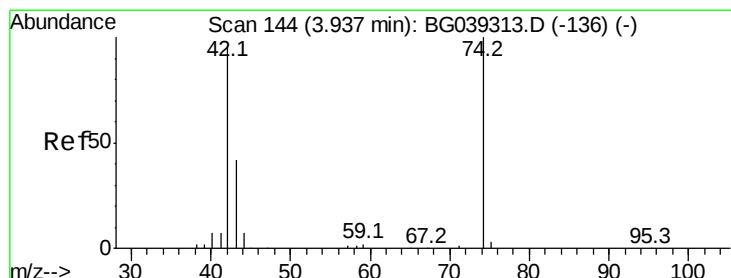
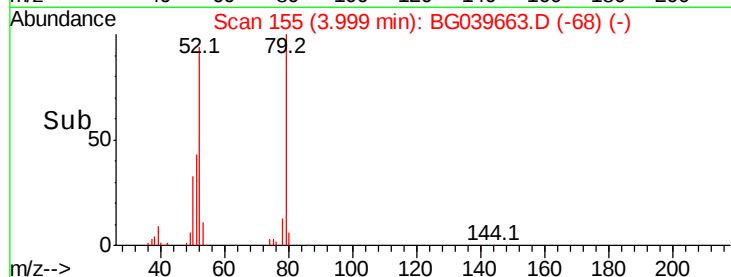
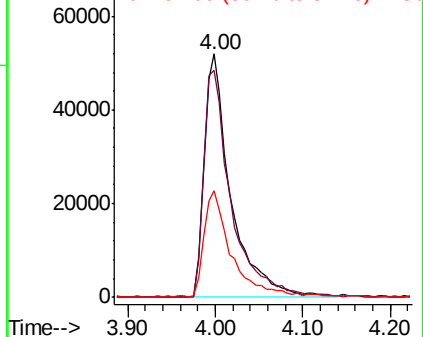
79 100

52 93.3 82.6 124.0

51 43.7 37.5 56.3



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: 41.004 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

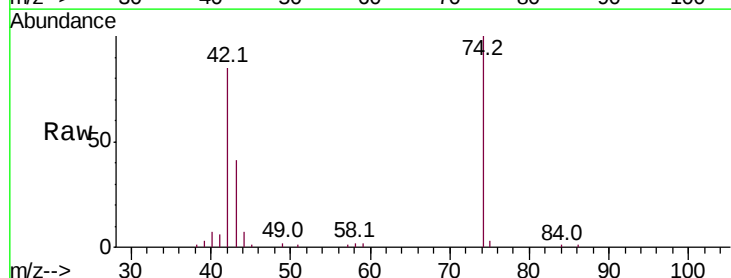
Tgt Ion: 42 Resp: 53872

Ion Ratio Lower Upper

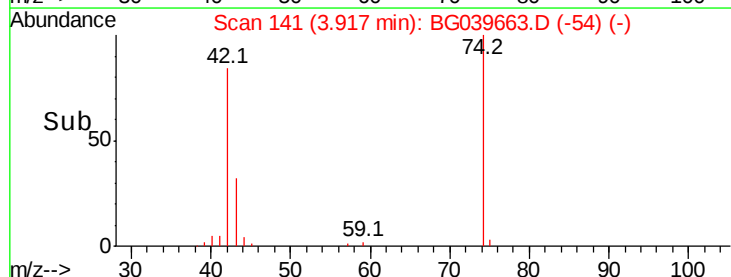
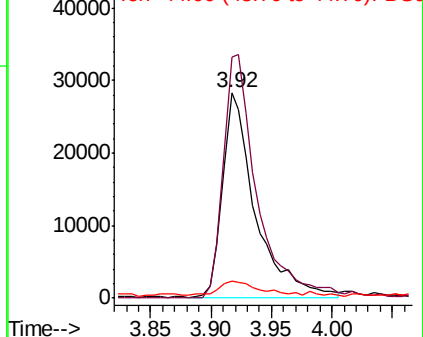
42 100

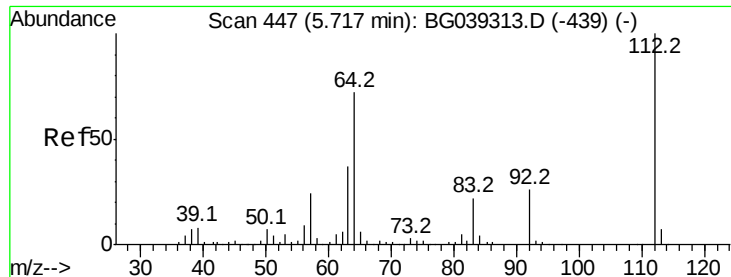
74 117.4 83.6 125.4

44 8.2 6.9 10.3



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





#5

2-Fluorophenol

Concen: 295.514 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :

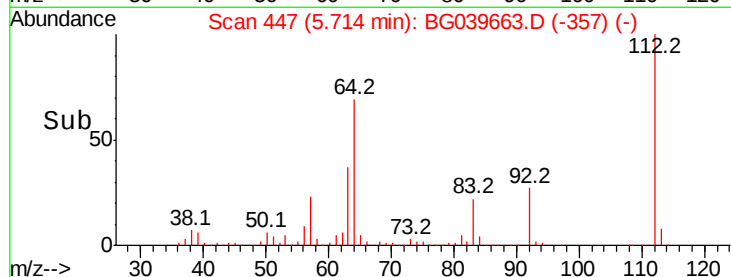
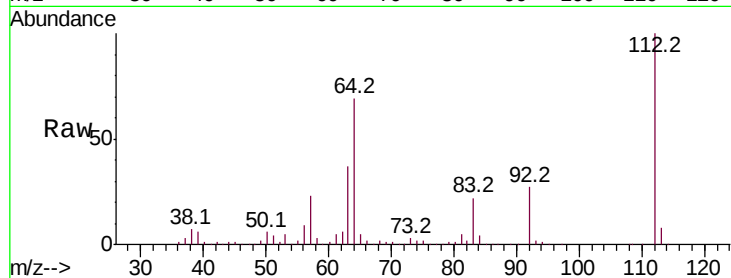
Tot Ion:112 Resp: 670329

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

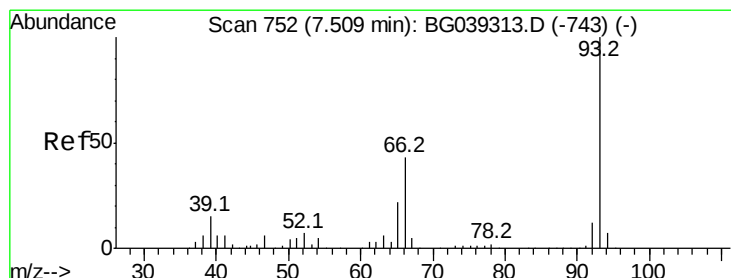
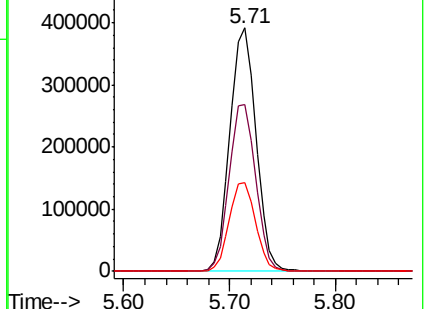
63 36.5 29.8 44.6



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: 32.563 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

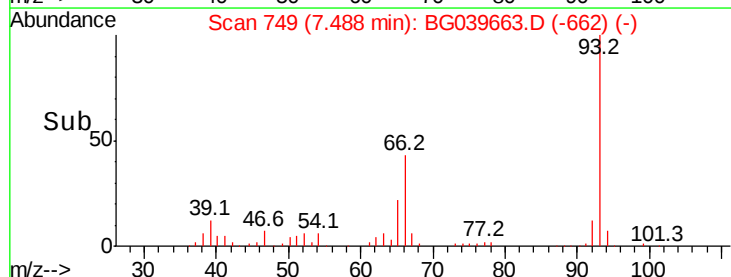
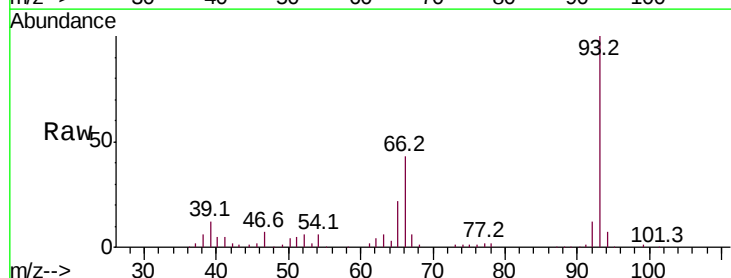
Tgt Ion: 93 Resp: 136188

Ion Ratio Lower Upper

93 100

66 43.3 34.2 51.4

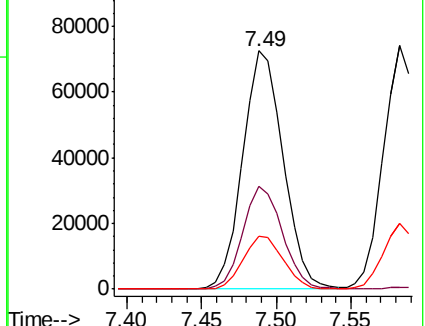
65 22.4 17.7 26.5

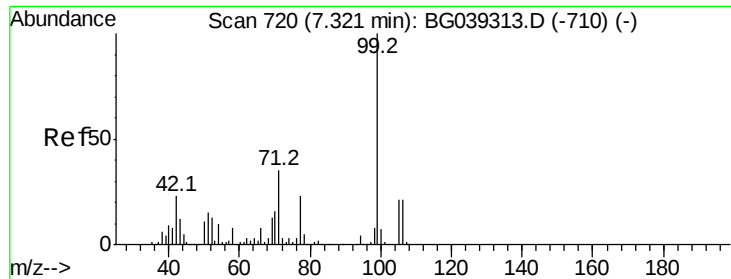


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 300.615 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

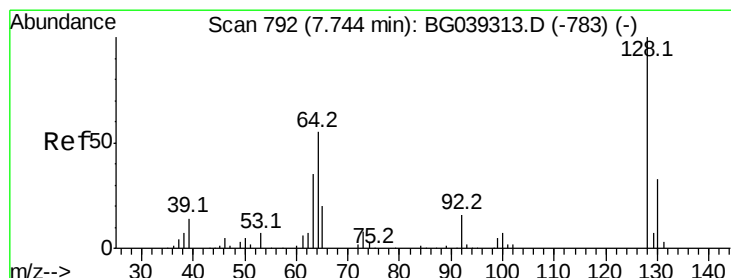
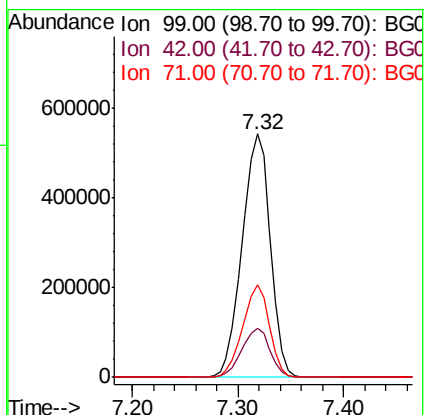
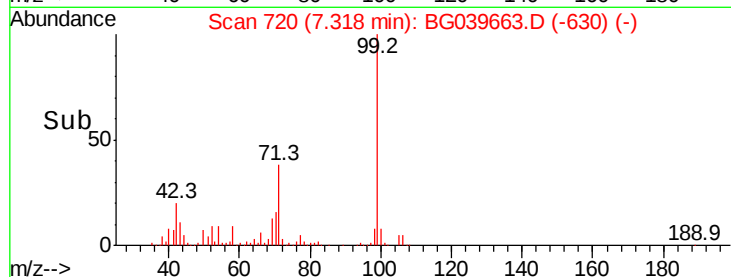
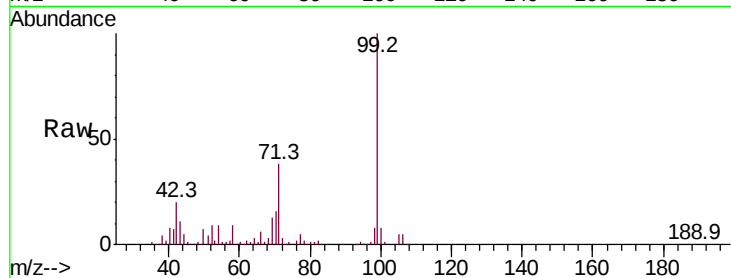
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1003737

Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.2	27.2
71	37.8	28.0	42.0



#8

2-Chlorophenol

Concen: 53.415 ng

RT: 7.73 min Scan# 790

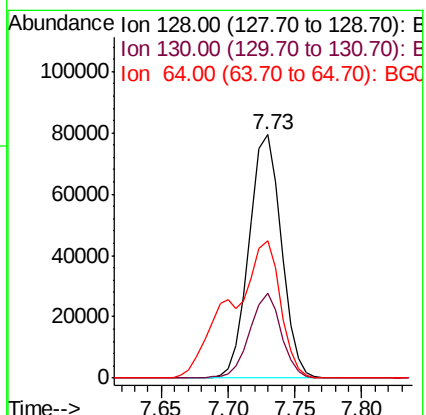
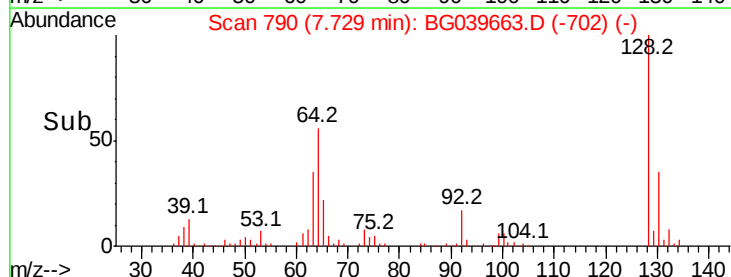
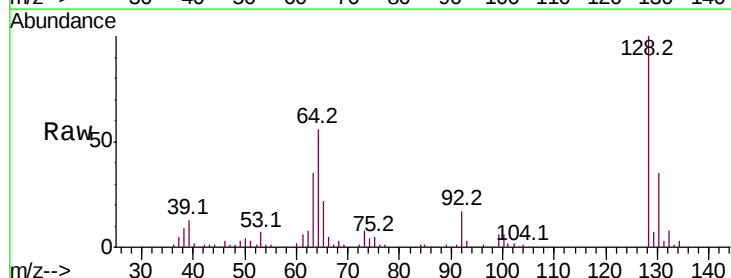
Delta R.T. -0.01 min

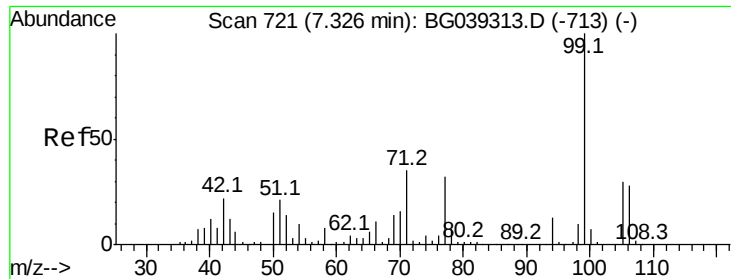
Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion: 128 Resp: 132443

Ion	Ratio	Lower	Upper
128	100		
130	34.8	12.9	52.9
64	56.5	38.7	78.7





#9

Benzaldehyde

Concen: 72.751 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

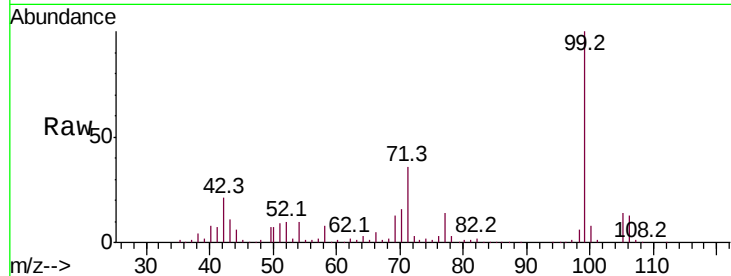
Tot Ion: 77 Resp: 95583

Ion Ratio Lower Upper

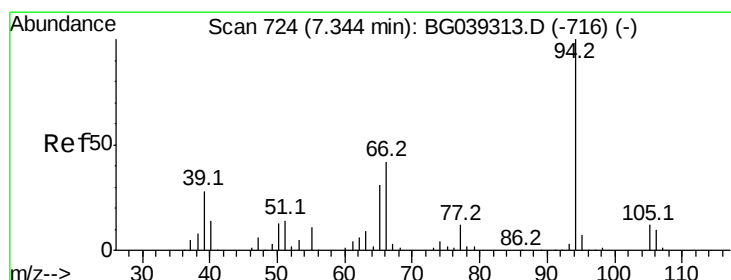
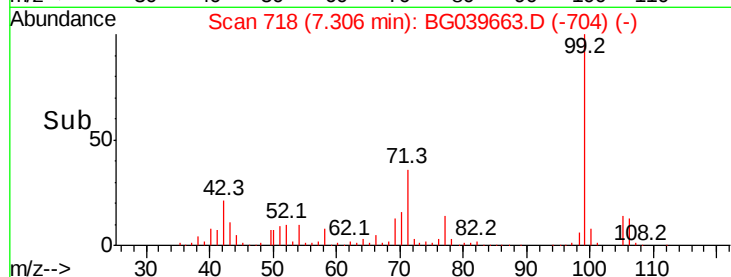
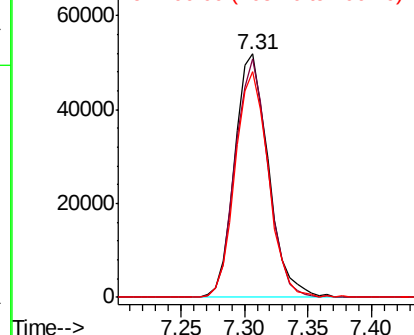
77 100

105 97.7 74.5 114.5

106 92.5 68.0 108.0



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: 55.169 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

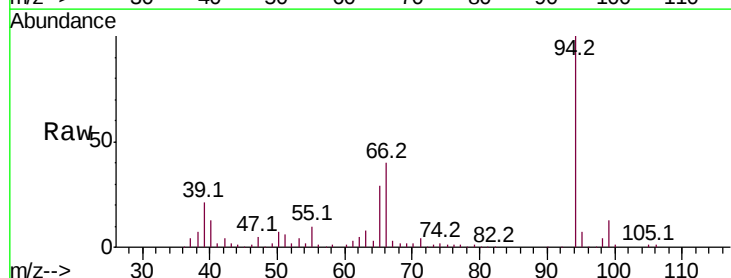
Tgt Ion: 94 Resp: 192020

Ion Ratio Lower Upper

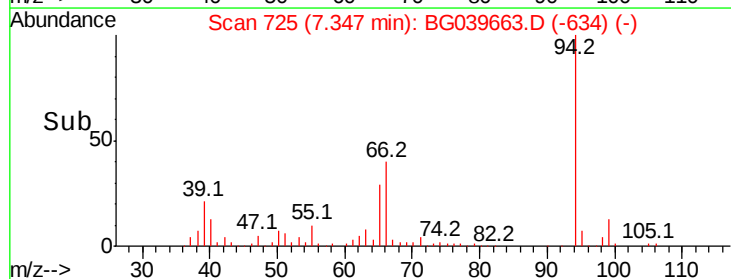
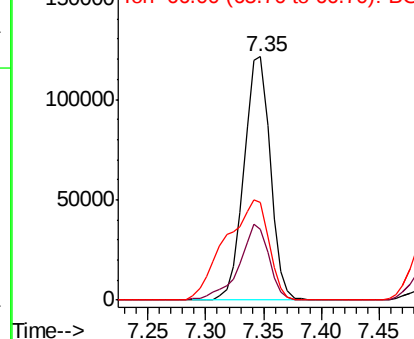
94 100

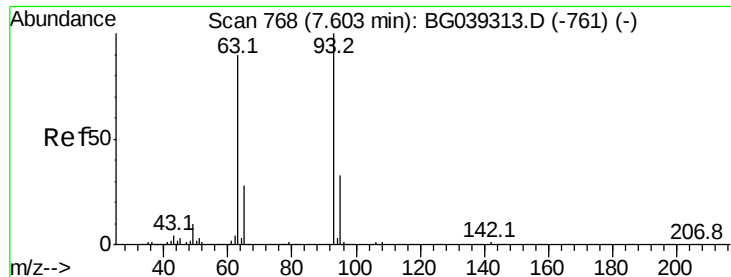
65 29.0 11.7 51.7

66 40.0 23.7 63.7



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

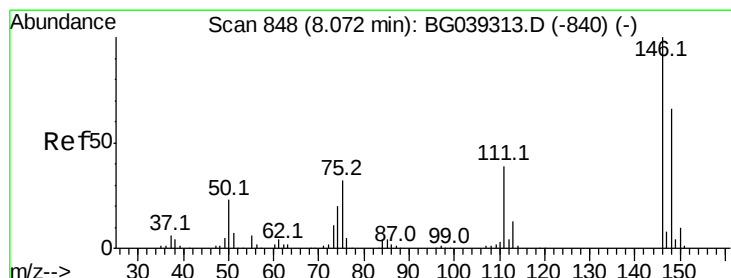
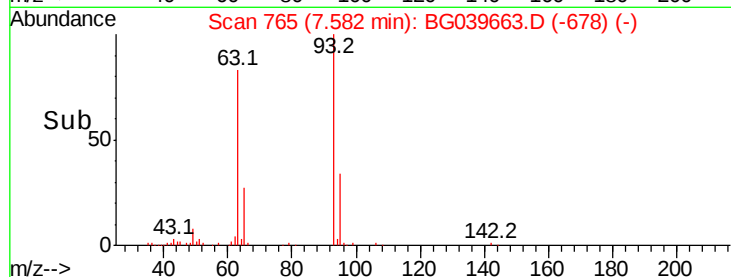
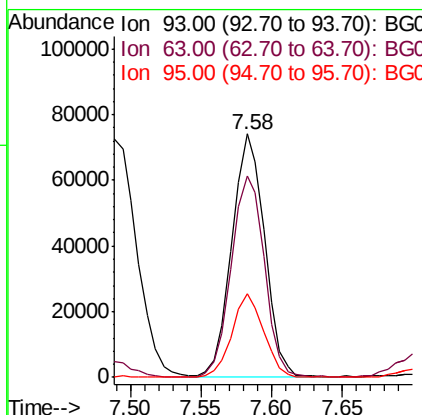
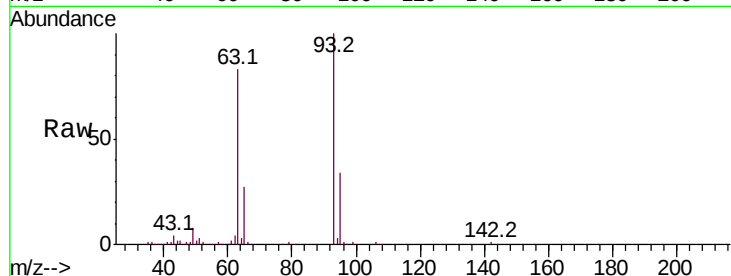




#11
bis(2-Chloroethyl)ether
Concen: 43.804 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

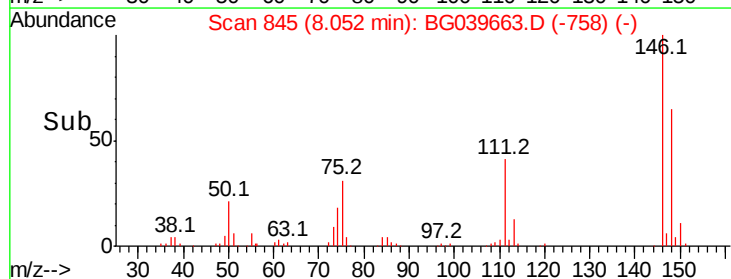
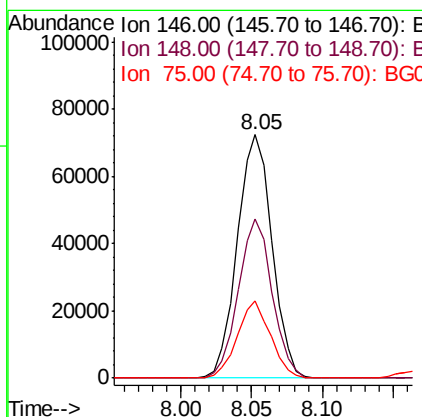
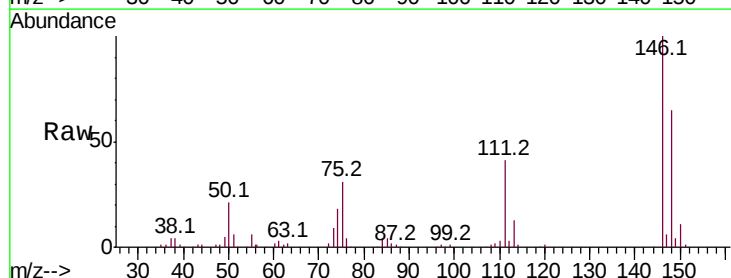
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 120475
Ion Ratio Lower Upper
93 100
63 82.7 69.5 109.5
95 34.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.445 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion: 146 Resp: 124491
Ion Ratio Lower Upper
146 100
148 65.2 52.6 79.0
75 31.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.930 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

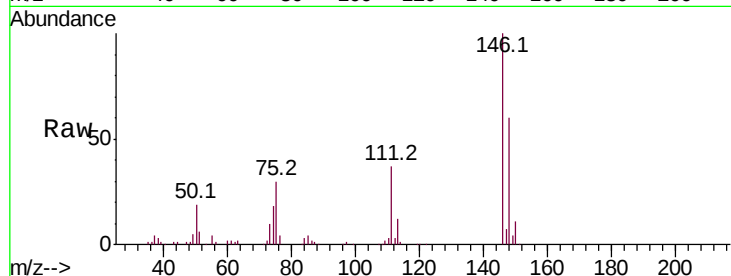
Tot Ion:146 Resp: 125534

Ion Ratio Lower Upper

146 100

148 59.9 51.1 76.7

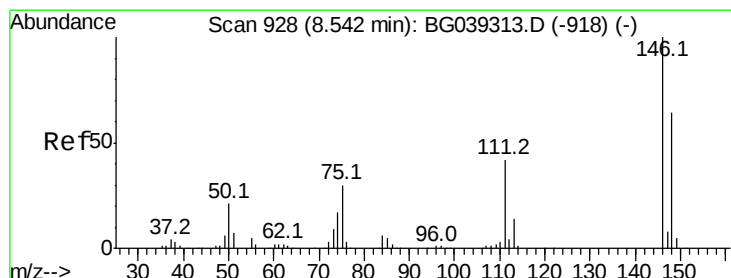
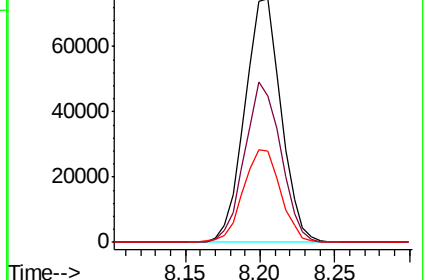
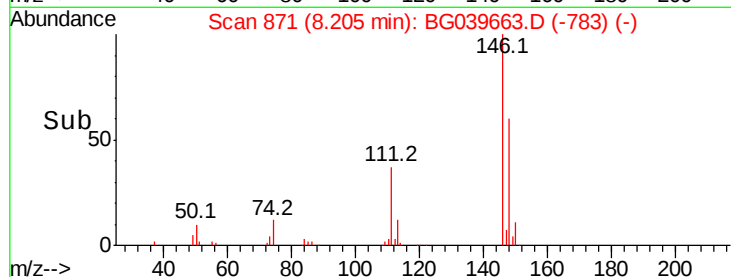
111 37.5 32.6 48.8



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: 43.812 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

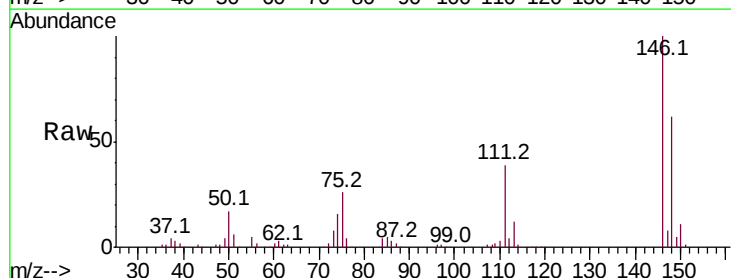
Tgt Ion:146 Resp: 126982

Ion Ratio Lower Upper

146 100

148 62.4 51.5 77.3

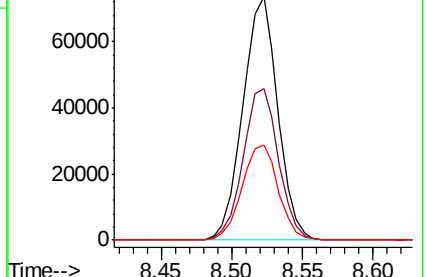
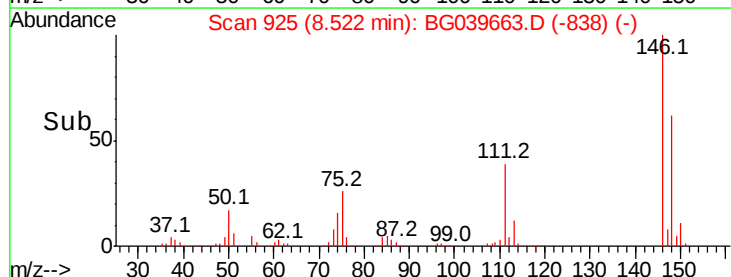
111 39.0 33.8 50.6

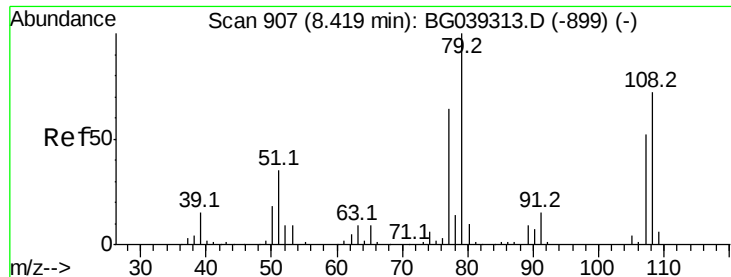


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.820 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

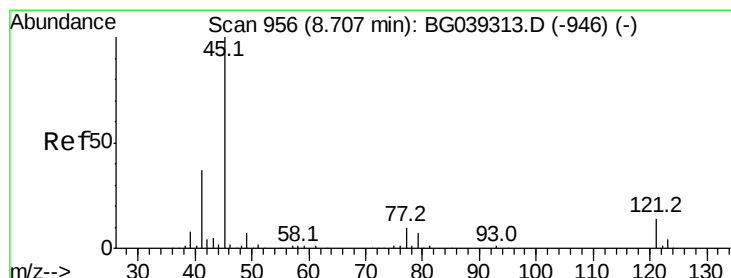
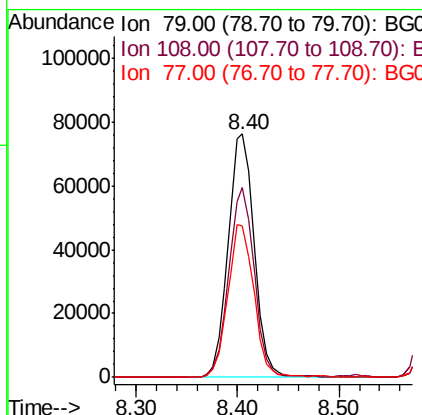
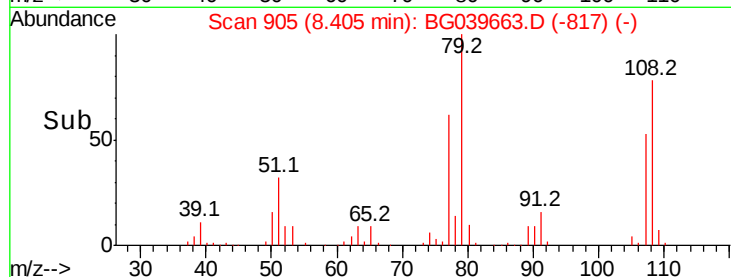
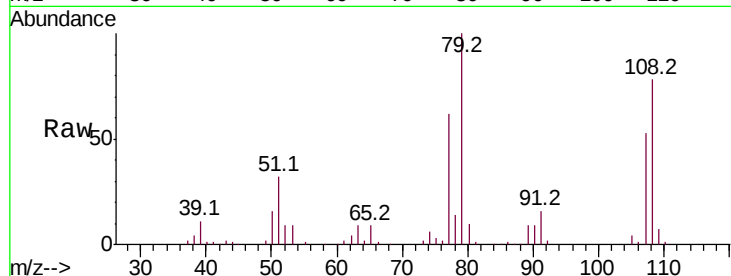
Tot Ion: 79 Resp: 135838

Ion Ratio Lower Upper

79 100

108 78.0 57.8 86.6

77 62.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.996 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

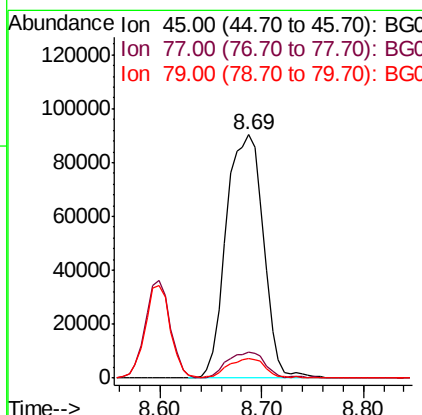
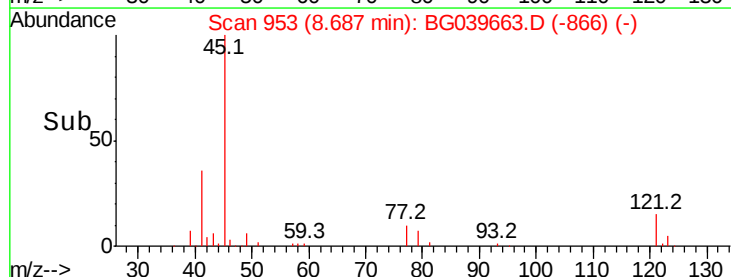
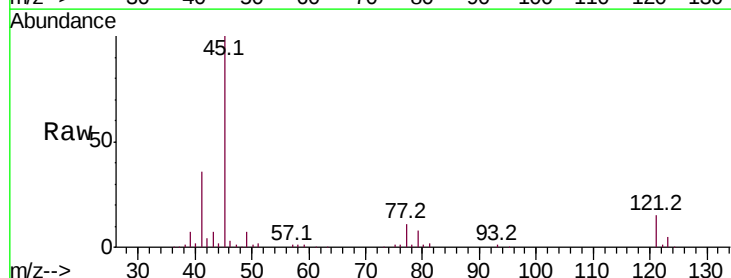
Tgt Ion: 45 Resp: 229776

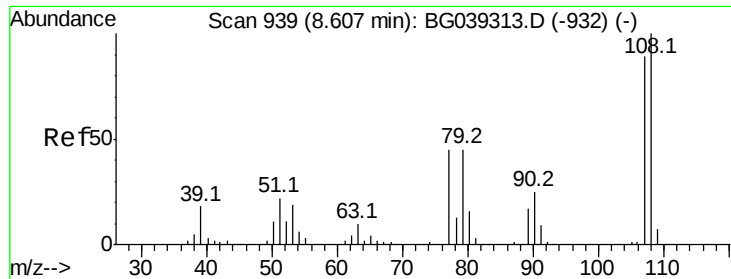
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 7.9 0.0 27.5

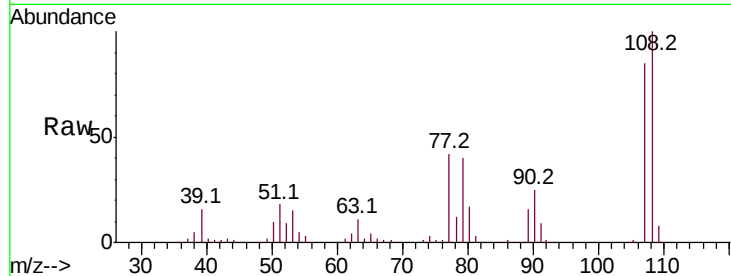




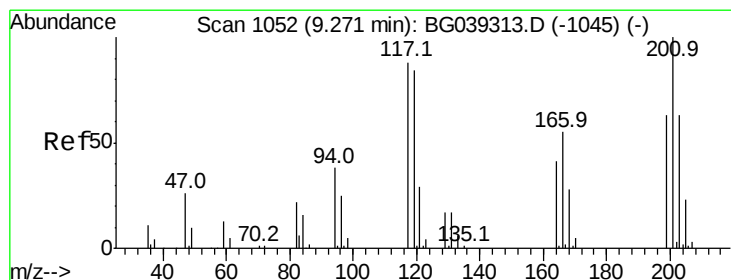
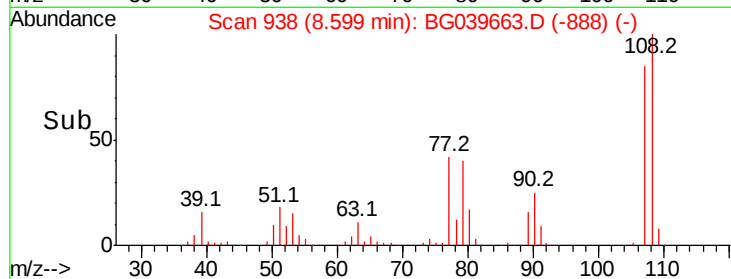
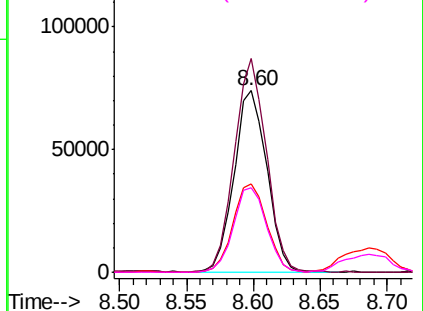
#17
2-Methylphenol
Concen: 56.158 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	126490
Ion	Ratio	Lower	Upper
107	100		
108	117.8	90.8	136.2
77	48.9	40.7	61.1
79	46.8	40.6	60.8

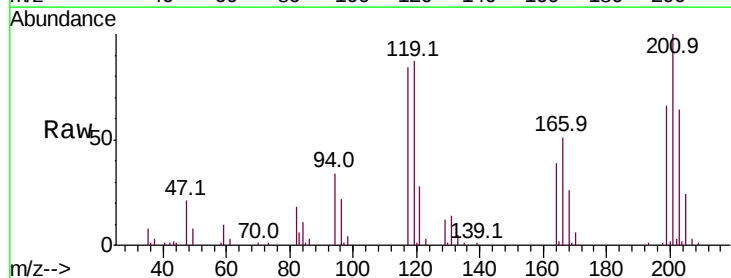


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

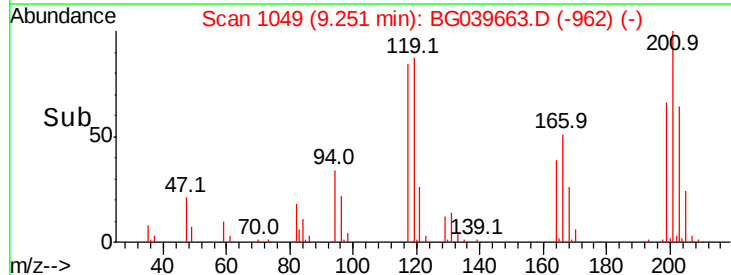
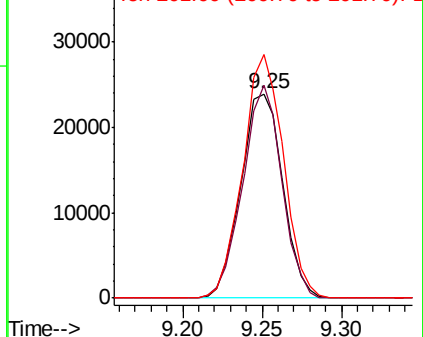


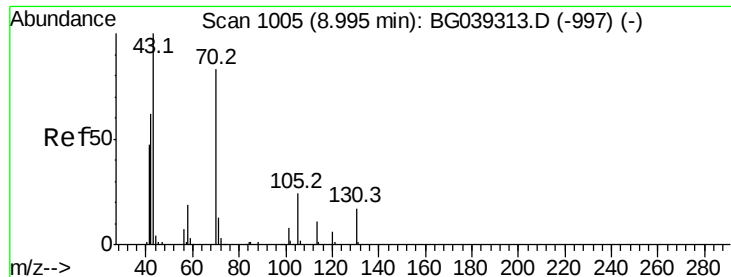
#18
Hexachloroethane
Concen: 42.827 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:	117	Resp:	44113
Ion	Ratio	Lower	Upper
117	100		
119	103.9	76.3	114.5
201	119.1	91.1	136.7



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

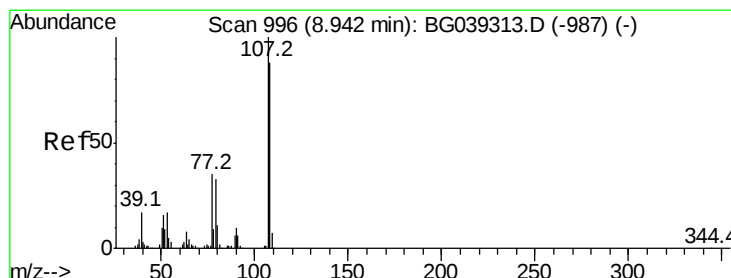
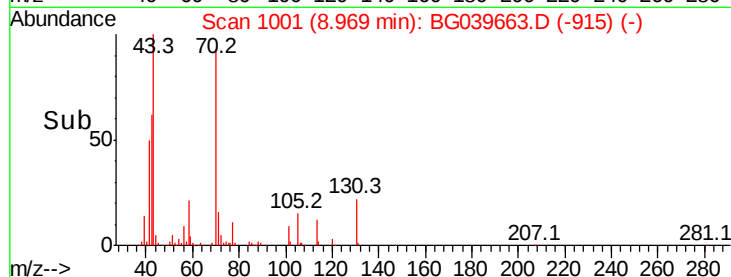
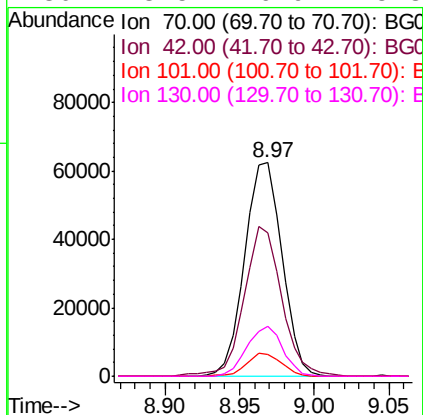
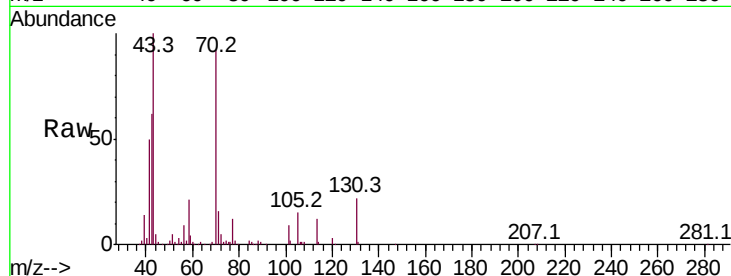




#19
n-Nitroso-di-n-propylamine
Concen: 45.553 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

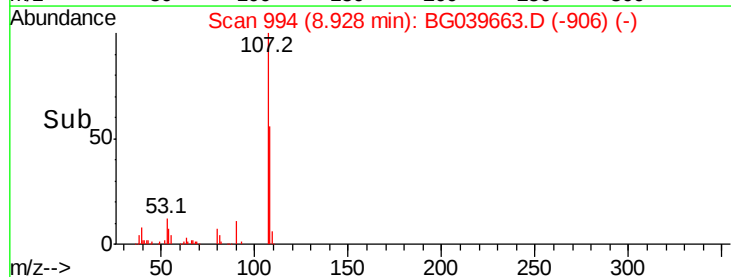
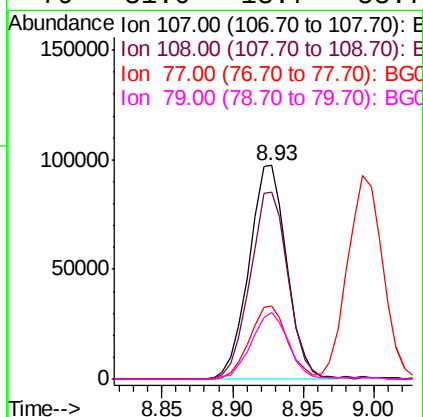
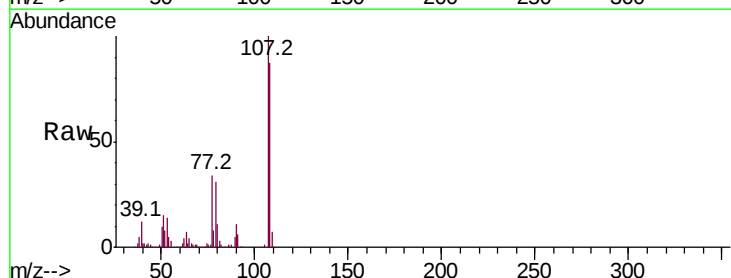
Instrument :
BNA_G
ClientSampleId :

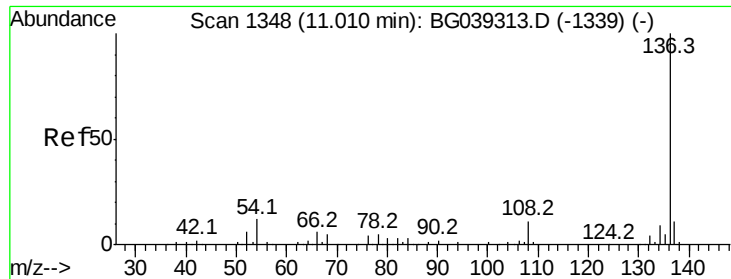
Tot Ion:	70	Resp:	107953
Ion	Ratio	Lower	Upper
70	100		
42	67.0	60.4	90.6
101	10.0	7.5	11.3
130	23.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 59.016 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:	107	Resp:	183049
Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.9	107.9
77	34.2	15.4	55.4
79	31.0	13.7	53.7

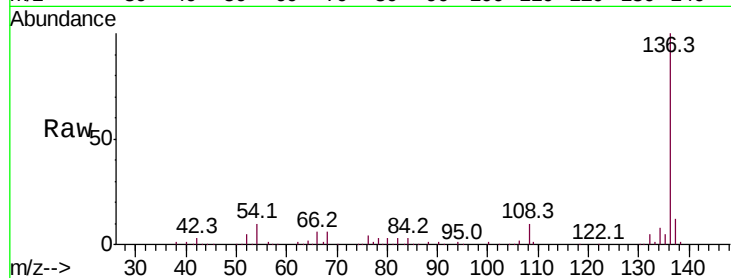




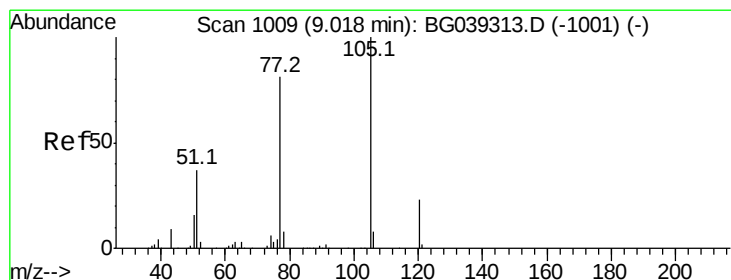
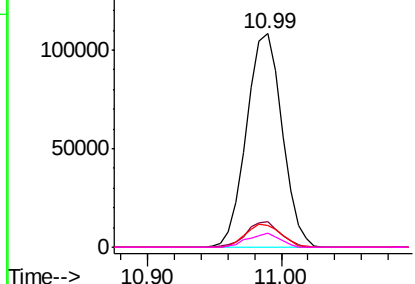
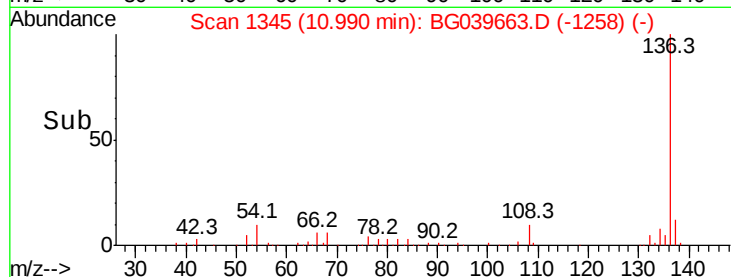
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	199195
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.1	9.4	14.2
68	6.4	4.2	6.4#

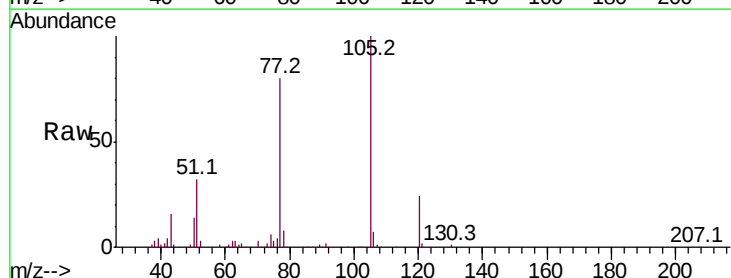


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

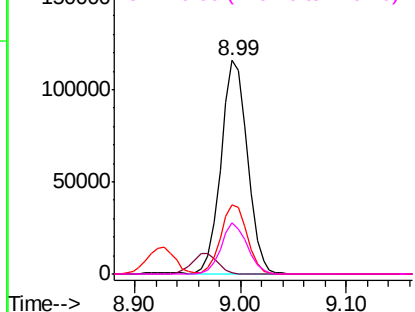
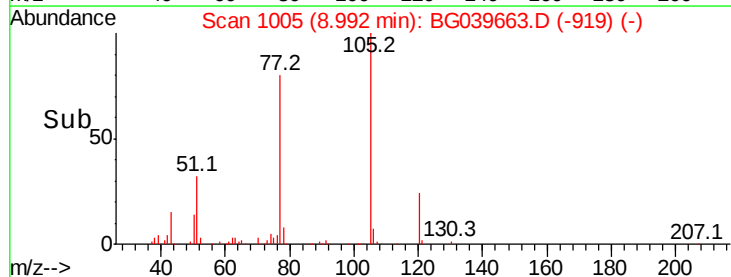


#22
Acetophenone
Concen: 37.577 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:	105	Resp:	201061
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	32.4	30.2	45.2
120	24.1	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

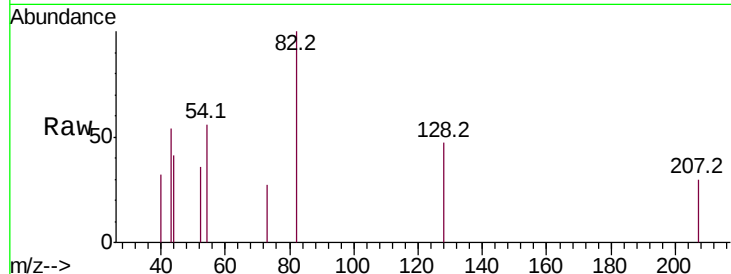




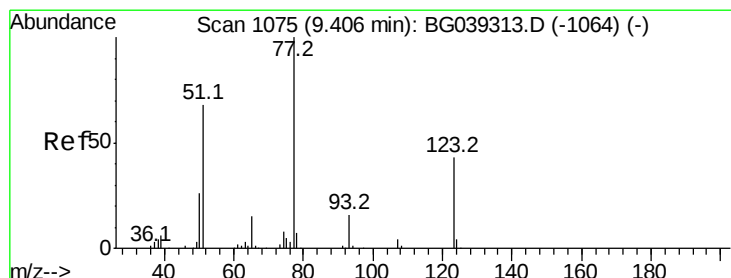
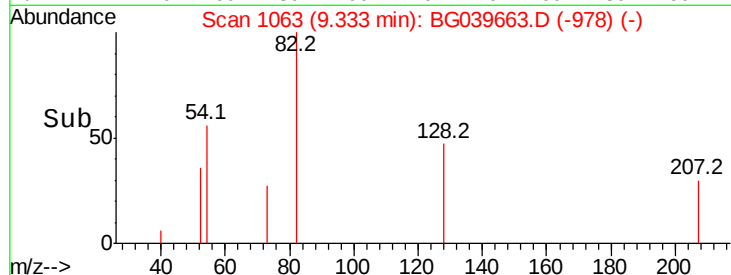
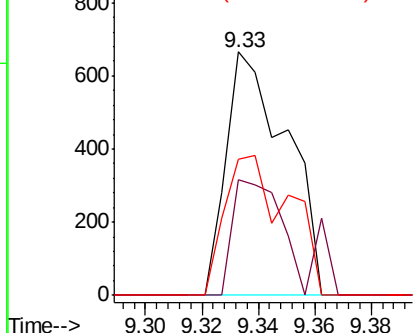
#23
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 987
Ion Ratio Lower Upper
82 100
128 47.4 31.3 46.9#
54 56.0 50.9 76.3

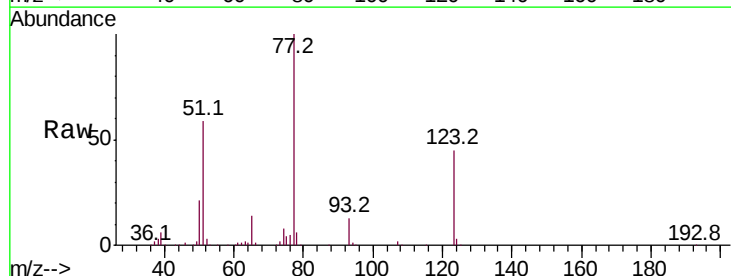


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

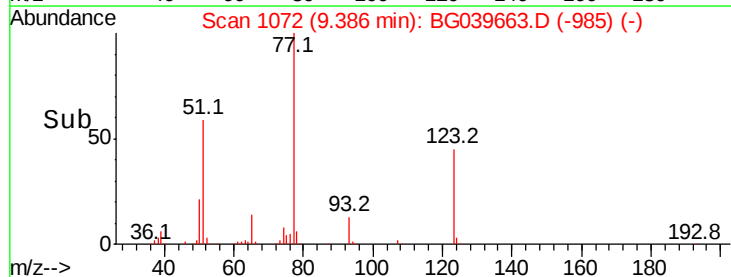
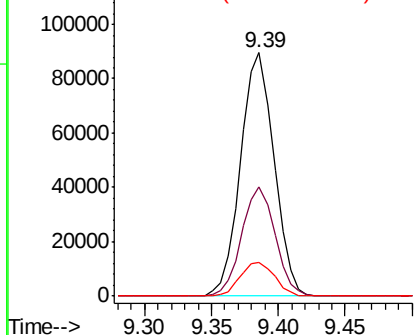


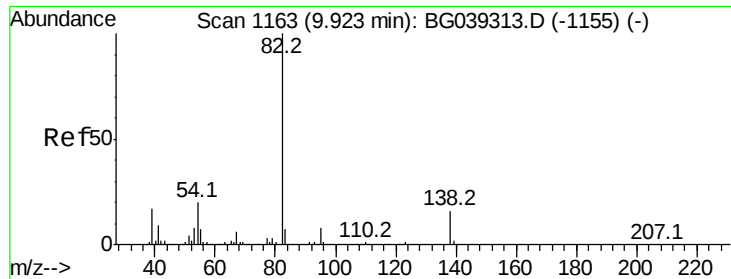
#24
Nitrobenzene
Concen: 45.316 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion: 77 Resp: 156101
Ion Ratio Lower Upper
77 100
123 45.1 34.1 51.1
65 14.0 12.3 18.5



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: 45.550 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

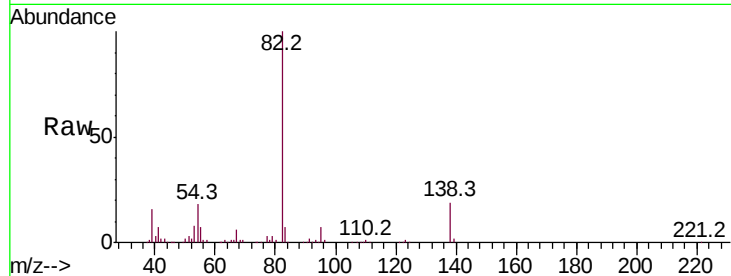
Tot Ion: 82 Resp: 321847

Ion Ratio Lower Upper

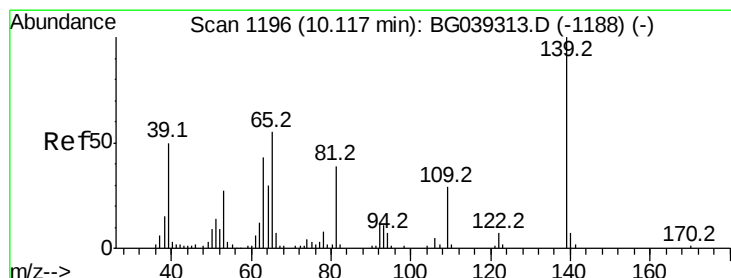
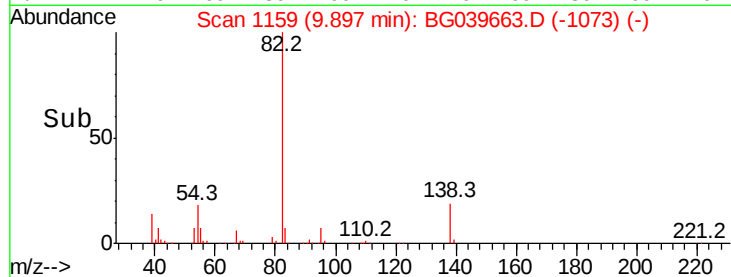
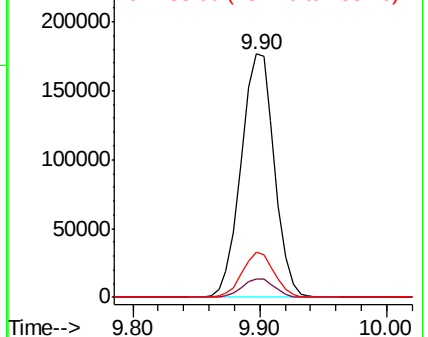
82 100

95 7.5 6.2 9.2

138 18.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 56.372 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

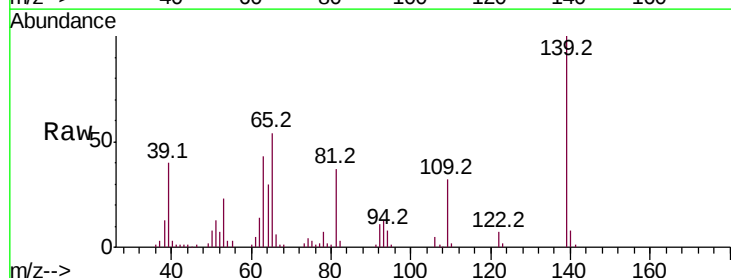
Tgt Ion: 139 Resp: 80399

Ion Ratio Lower Upper

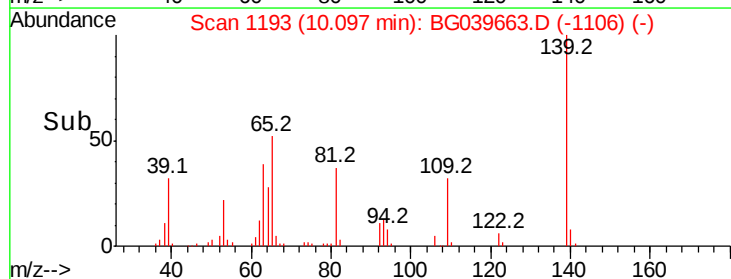
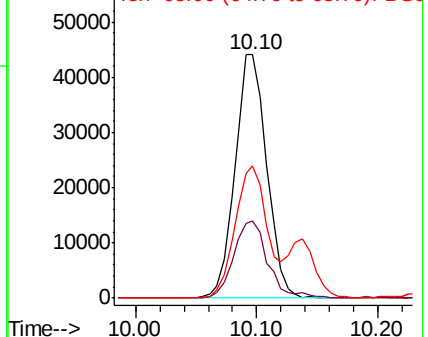
139 100

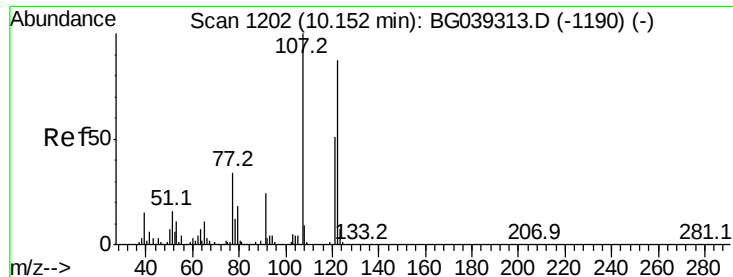
109 31.9 23.4 35.0

65 54.4 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 55.601 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

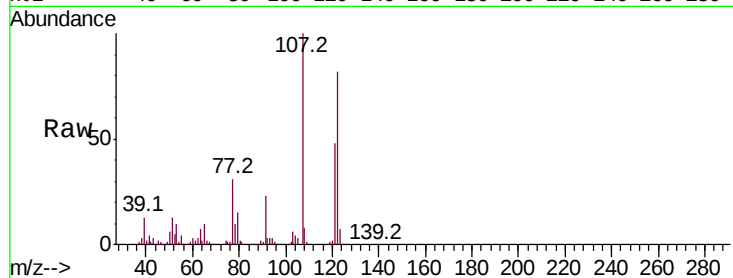
Tot Ion:122 Resp: 158926

Ion Ratio Lower Upper

122 100

107 121.8 91.7 137.5

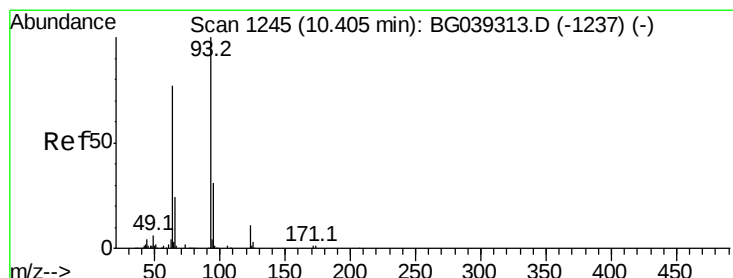
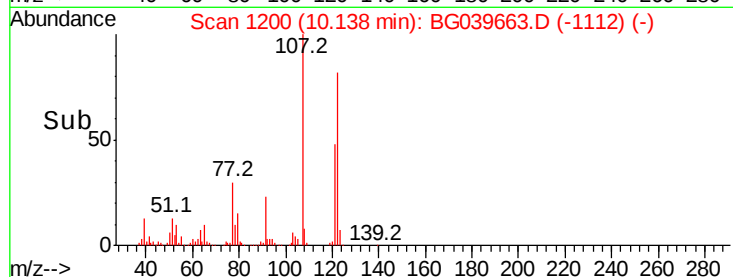
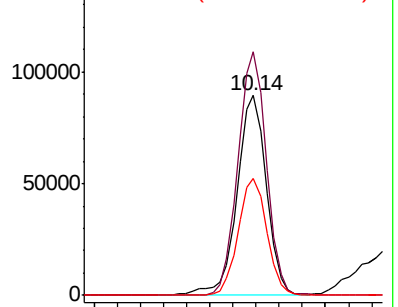
121 58.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

150000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.923 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

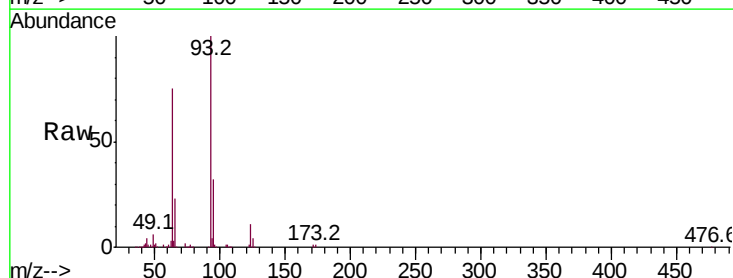
Tgt Ion: 93 Resp: 191161

Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.4

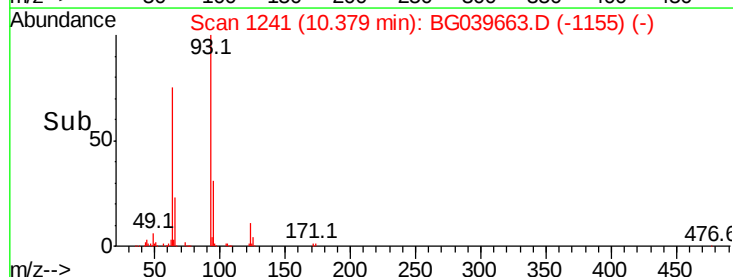
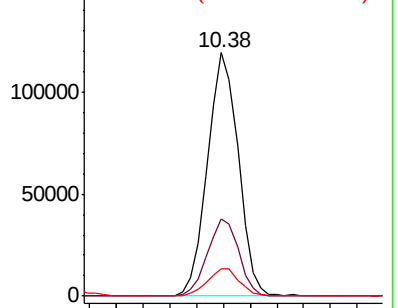
123 11.1 8.6 12.8

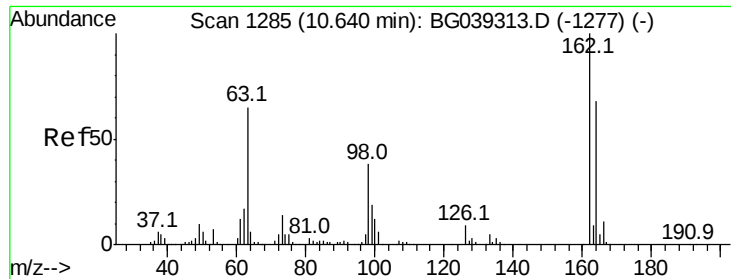


Abundance Ion 93.00 (92.70 to 93.70): BGC

150000 Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.020 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

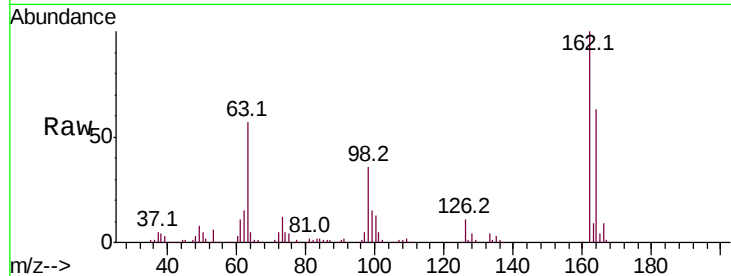
Tot Ion:162 Resp: 168755

Ion Ratio Lower Upper

162 100

164 63.2 48.1 88.1

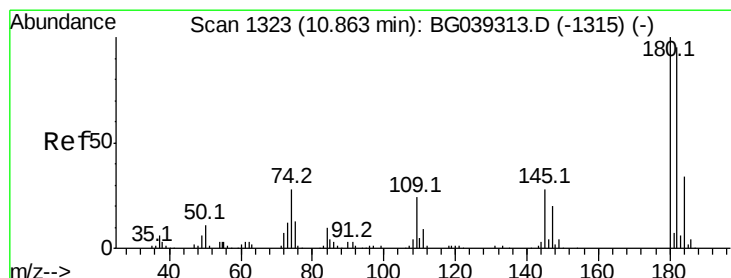
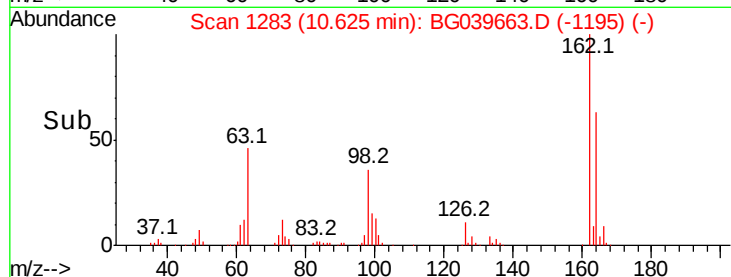
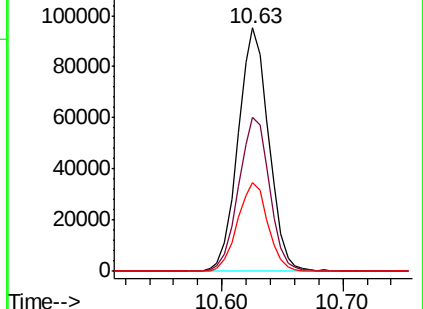
98 36.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.252 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

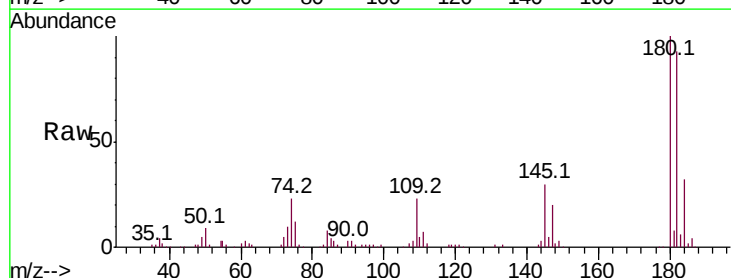
Tgt Ion:180 Resp: 144681

Ion Ratio Lower Upper

180 100

182 92.7 76.0 114.0

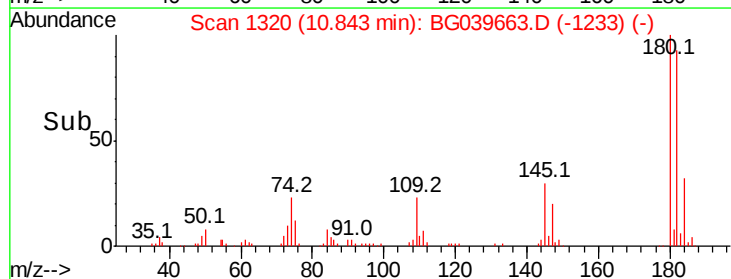
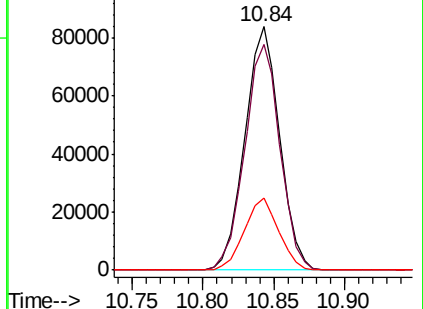
145 29.8 22.7 34.1

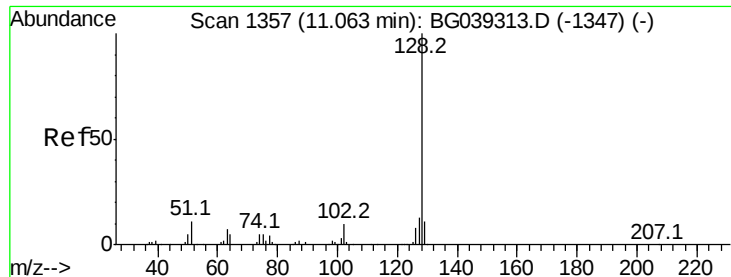


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

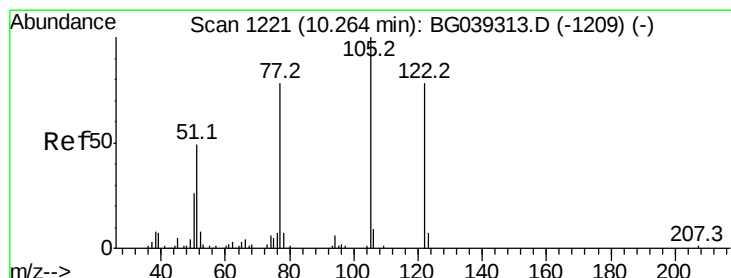
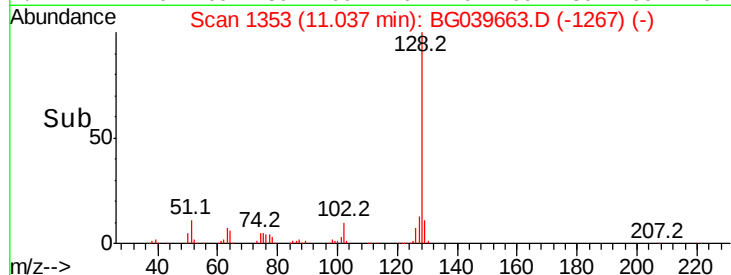
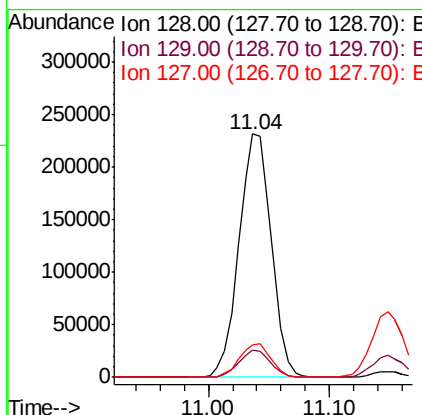
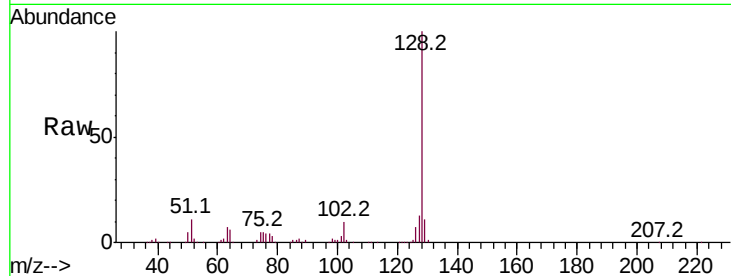




#31
Naphthalene
Concen: 43.630 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

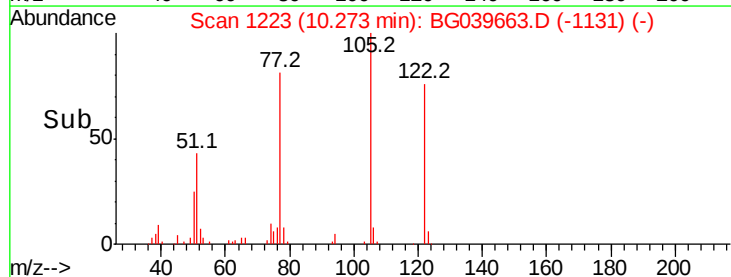
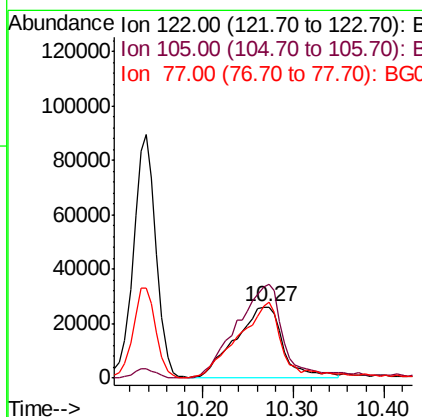
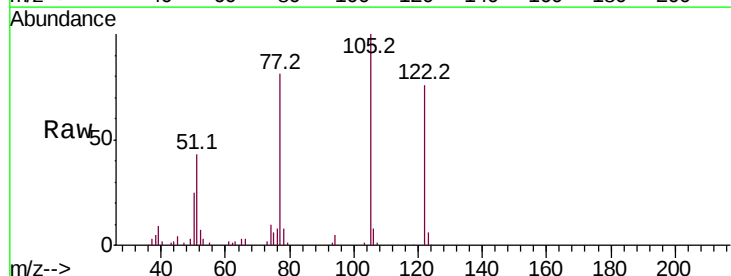
Instrument :
BNA_G
ClientSampleId :

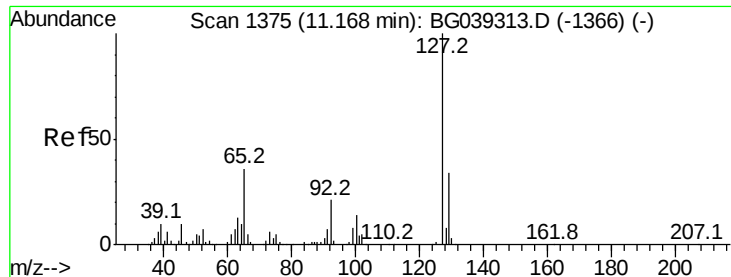
Tot Ion:128 Resp: 431149
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 49.441 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:122 Resp: 93163
Ion Ratio Lower Upper
122 100
105 131.0 101.8 141.8
77 106.1 76.3 116.3

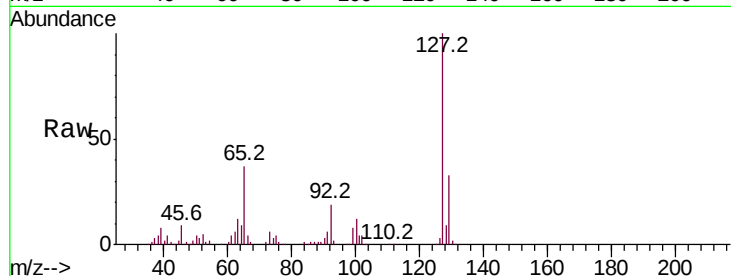




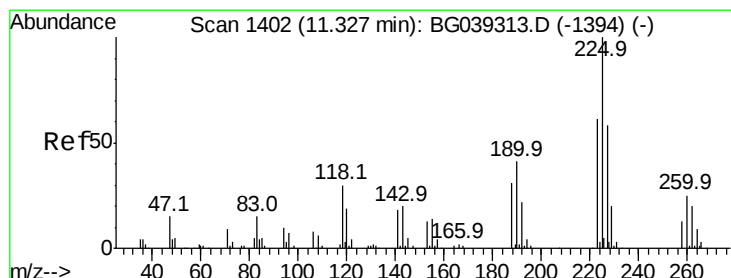
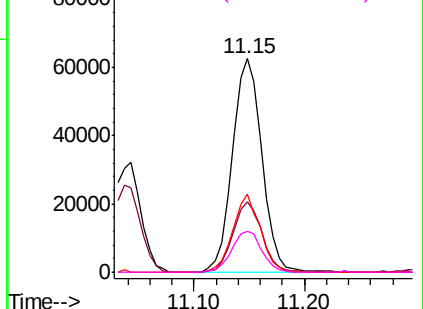
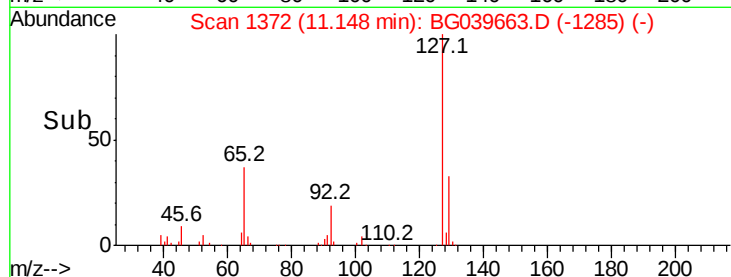
#33
4-Chloroaniline
Concen: 25.671 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 117623
Ion Ratio Lower Upper
127 100
129 33.0 27.0 40.4
65 36.8 28.8 43.2
92 19.4 16.6 25.0

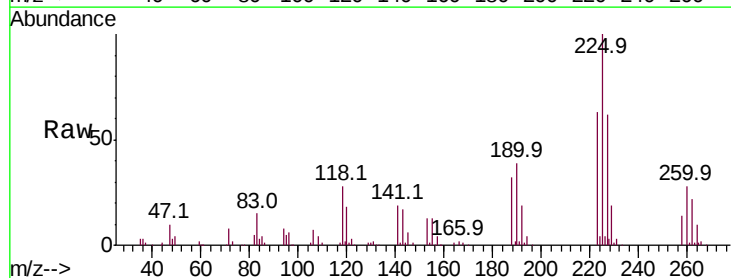


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

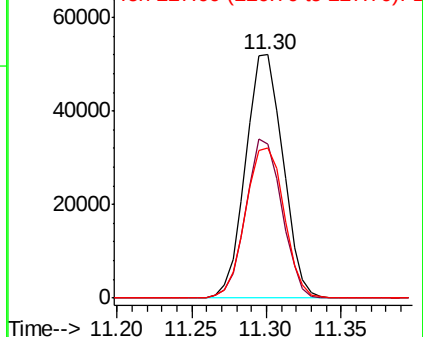
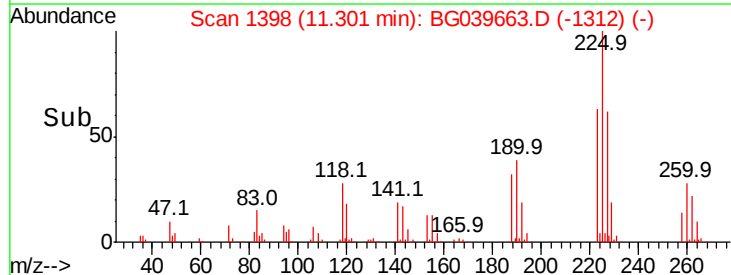


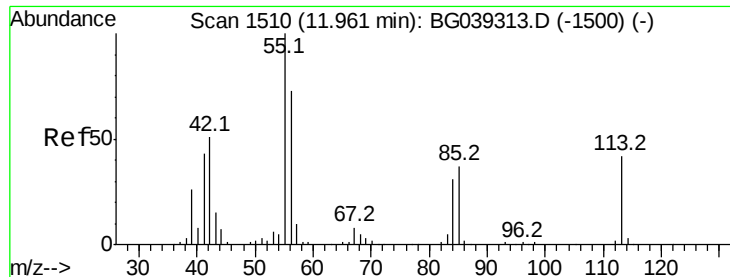
#34
Hexachlorobutadiene
Concen: 38.689 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:225 Resp: 90240
Ion Ratio Lower Upper
225 100
223 63.2 49.0 73.6
227 61.9 46.3 69.5



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

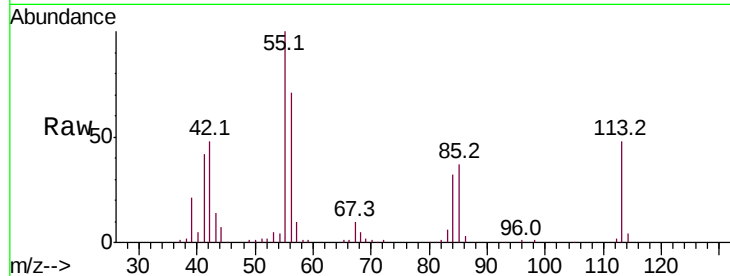




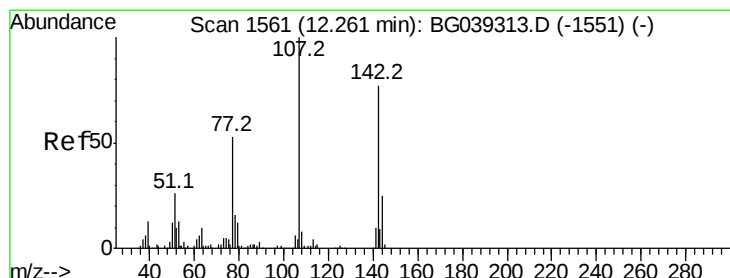
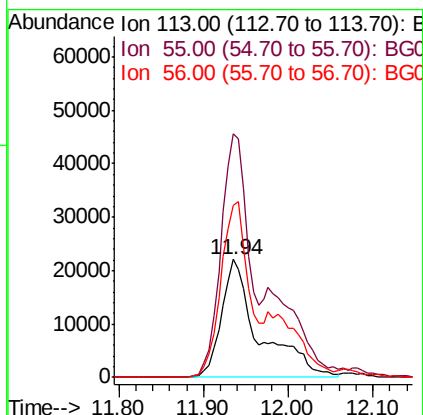
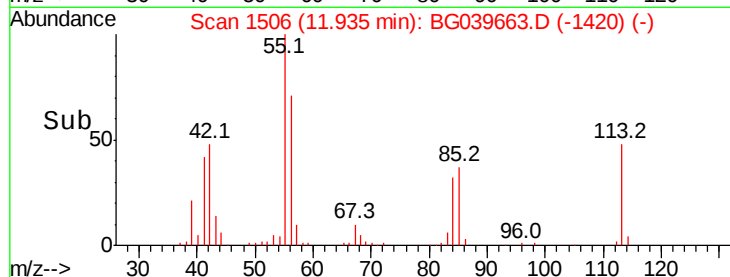
#35
 Caprolactam
 Concen: 52.928 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 68420
 Ion Ratio Lower Upper
 113 100
 55 207.0 216.9 256.9#
 56 146.7 152.6 192.6#

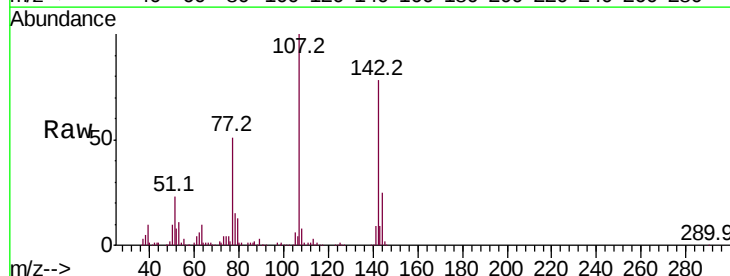


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

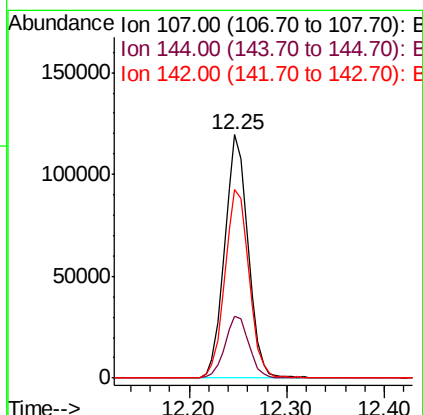
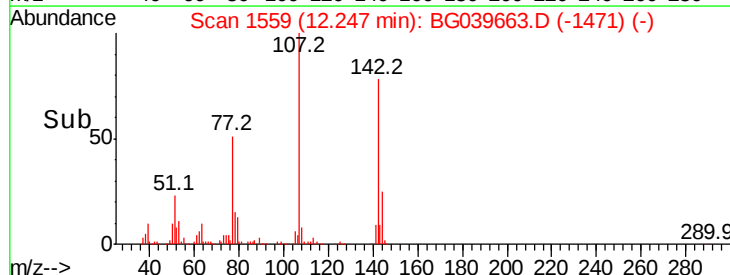


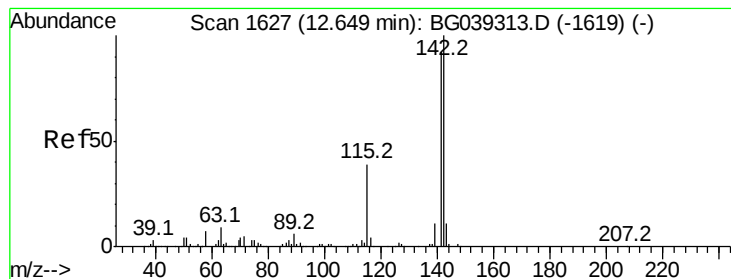
#36
 4-Chloro-3-methylphenol
 Concen: 55.219 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion:107 Resp: 199497
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 77.7 61.4 92.2



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: 48.085 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

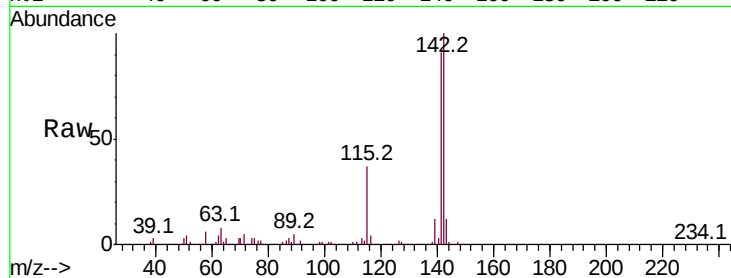
Tot Ion:142 Resp: 351943

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

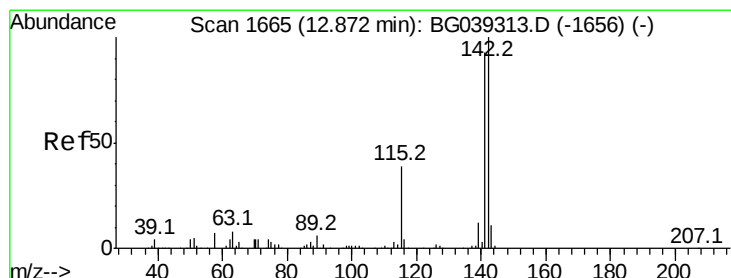
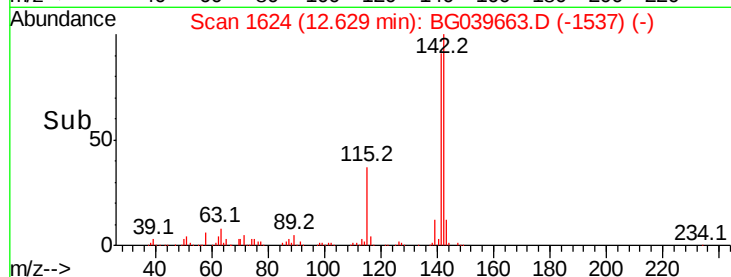
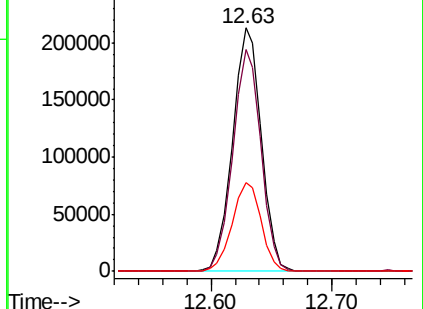
115 36.7 30.8 46.2



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: 48.379 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

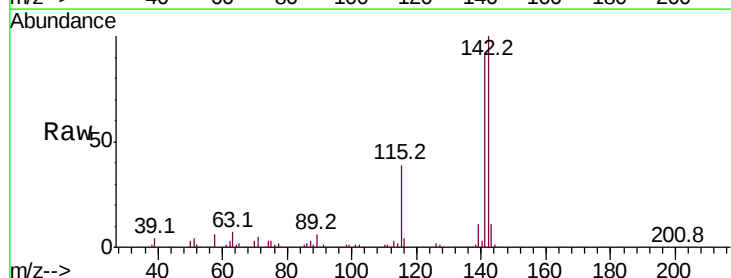
Tgt Ion:142 Resp: 341325

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4

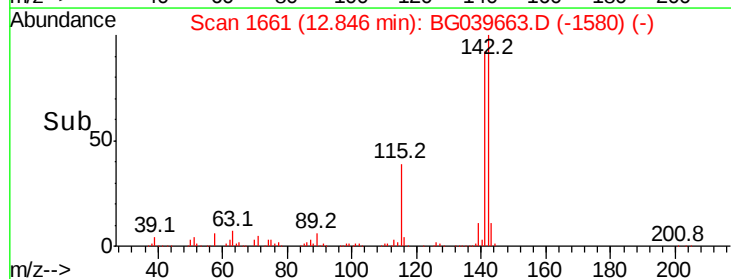
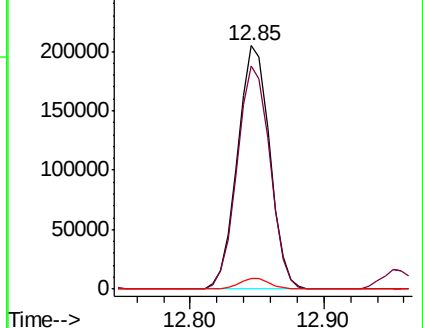
116 4.1 3.0 4.6

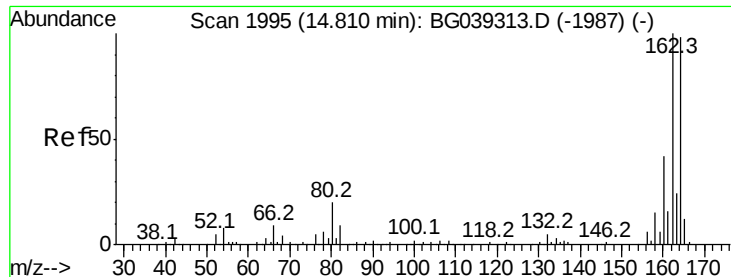


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

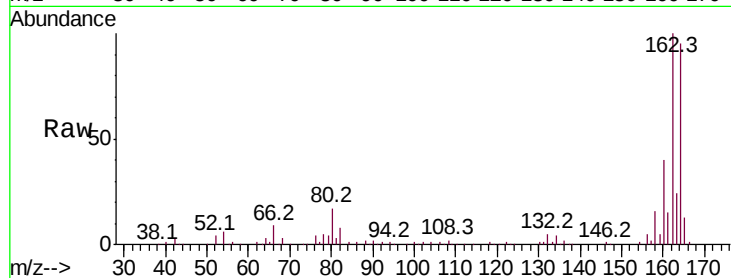
Tot Ion:164 Resp: 167539

Ion Ratio Lower Upper

164 100

162 105.1 81.6 122.4

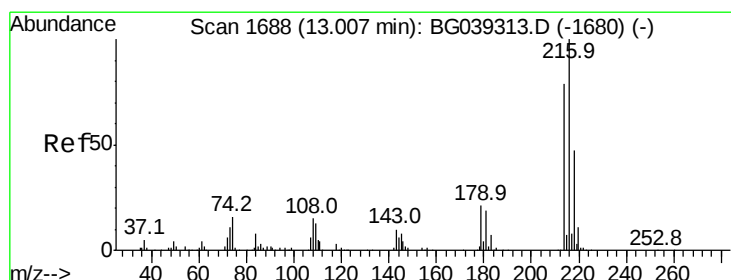
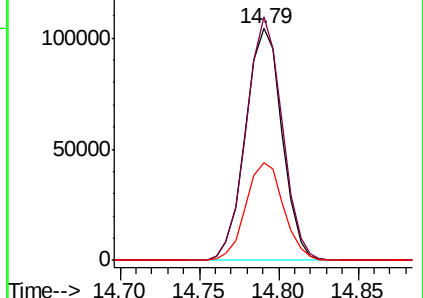
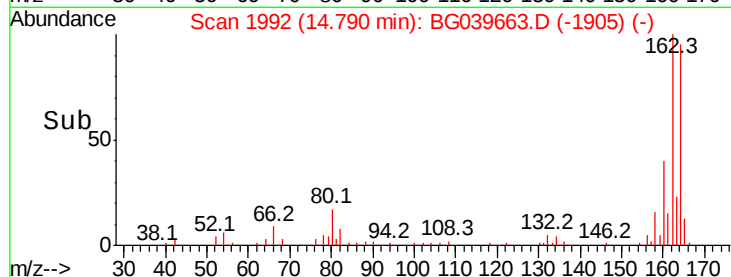
160 42.3 34.2 51.2



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: 36.838 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:216 Resp: 196369

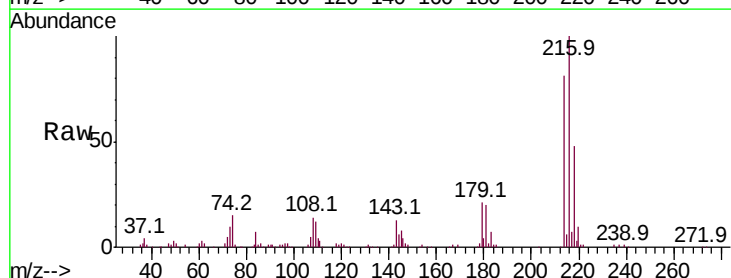
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.3 16.6 25.0

108 17.7 14.0 21.0

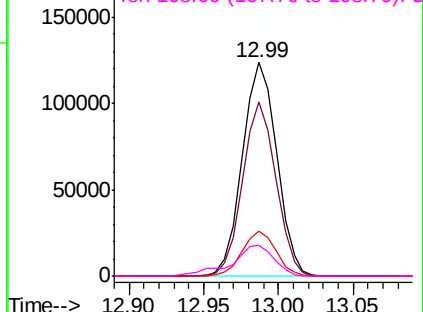
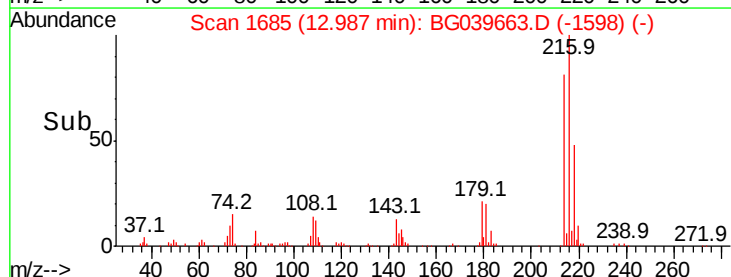


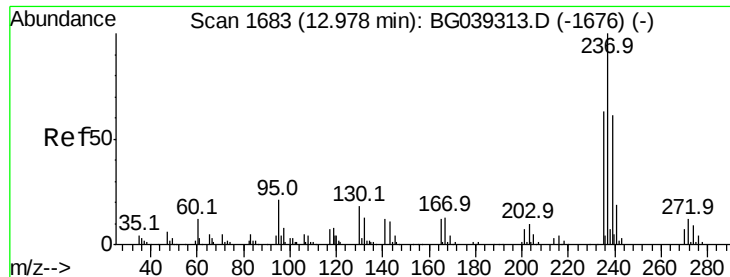
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.415 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

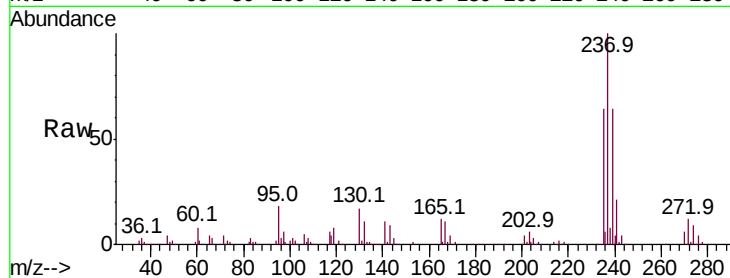
Tot Ion:237 Resp: 230678

Ion Ratio Lower Upper

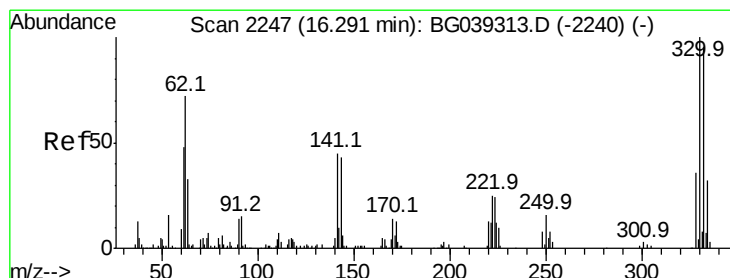
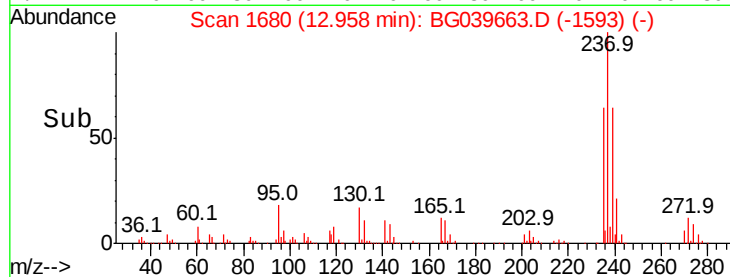
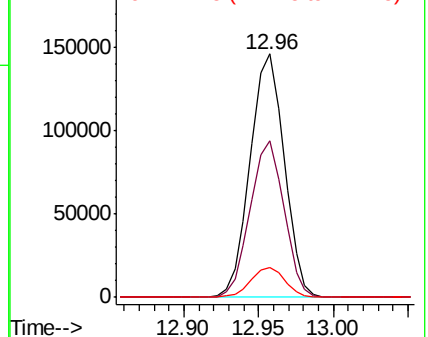
237 100

235 64.2 43.3 83.3

272 12.0 0.0 32.3



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: 301.226 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

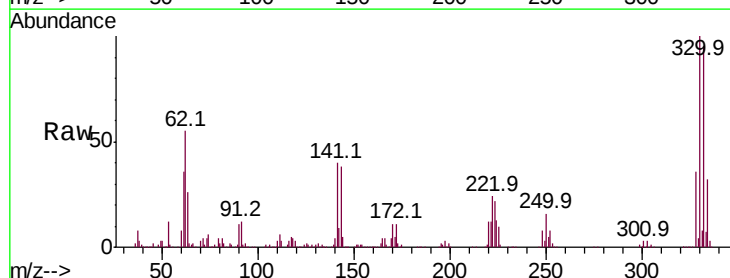
Tgt Ion:330 Resp: 543445

Ion Ratio Lower Upper

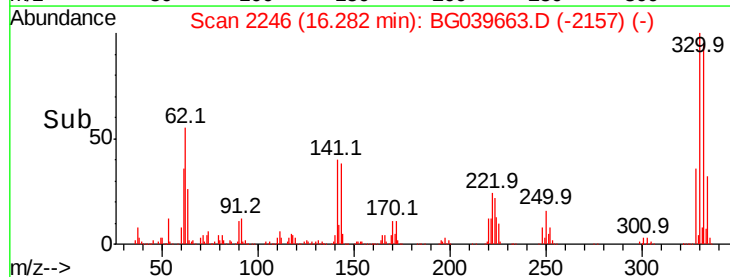
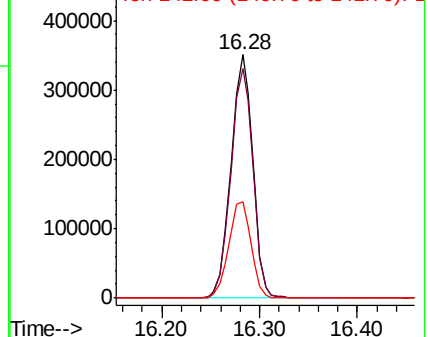
330 100

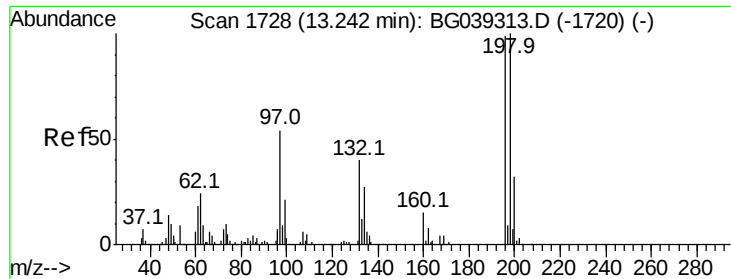
332 95.9 75.7 113.5

141 40.8 35.6 53.4



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

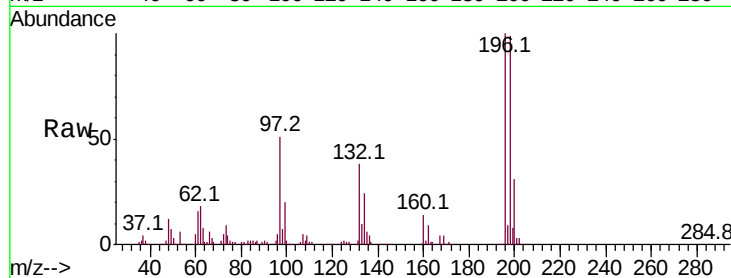




#43
 2,4,6-Trichlorophenol
 Concen: 46.573 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	152646
Ion	Ratio	Lower	Upper
196	100		
198	98.5	80.6	121.0
200	31.1	26.1	39.1

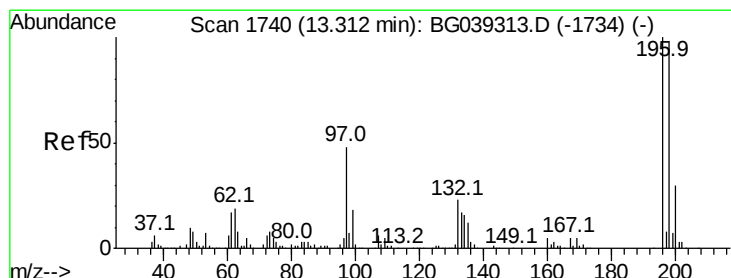
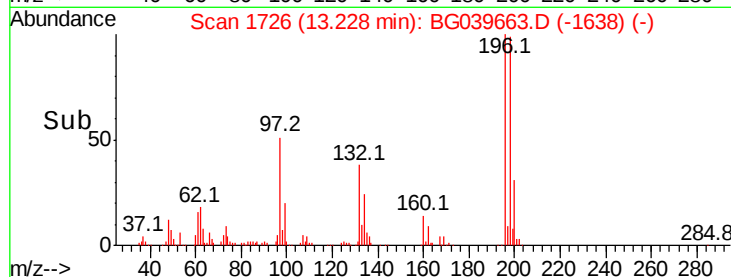
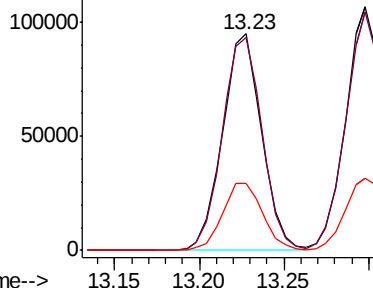


Abundance

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: 49.772 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	196	Resp	170974
Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.5	117.7
97	46.4	38.4	57.6
132	25.6	19.2	28.8

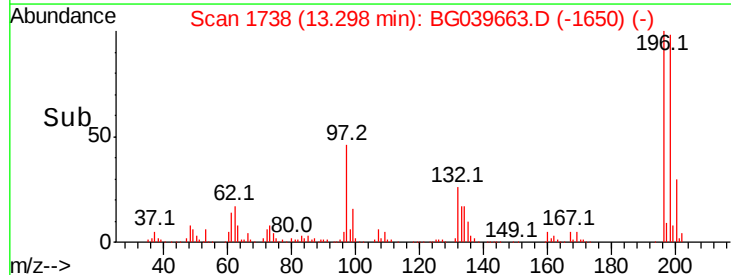
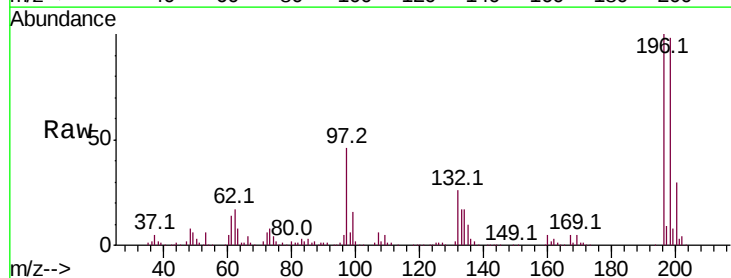
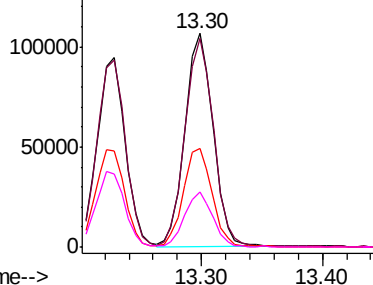
Abundance

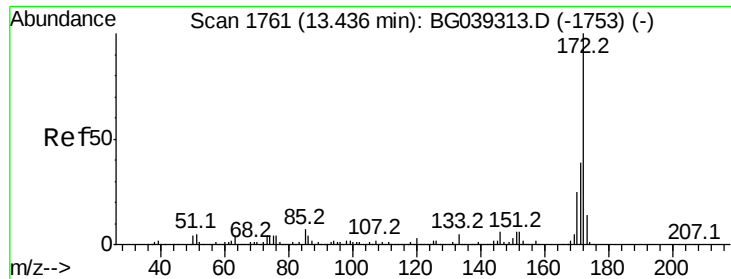
Ion 196.00 (195.70 to 196.70): E

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

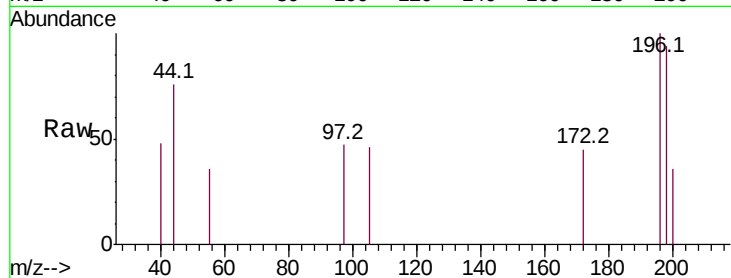




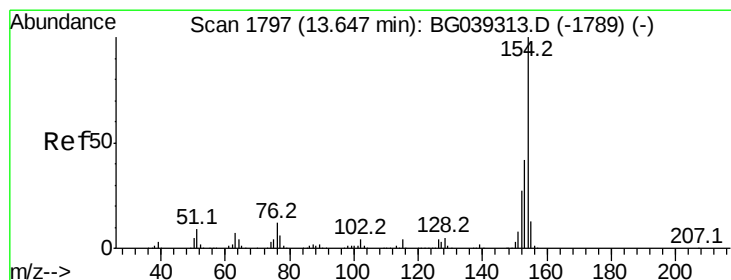
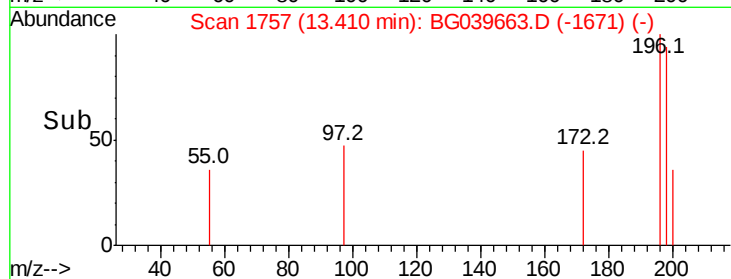
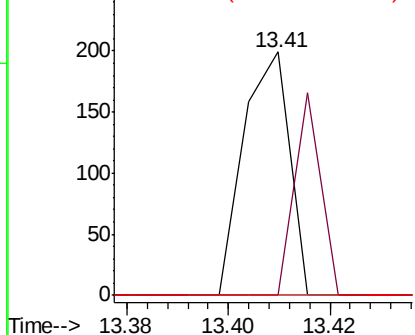
#45
 2-Fluorobiphenyl
 Concen: 0.011 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 126
 Ion Ratio Lower Upper
 172 100
 171 0.0 30.8 46.2#
 170 0.0 20.2 30.4#

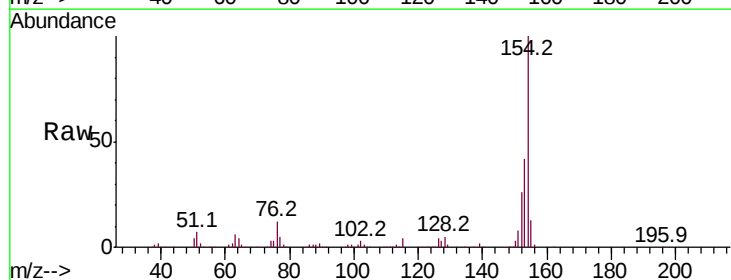


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

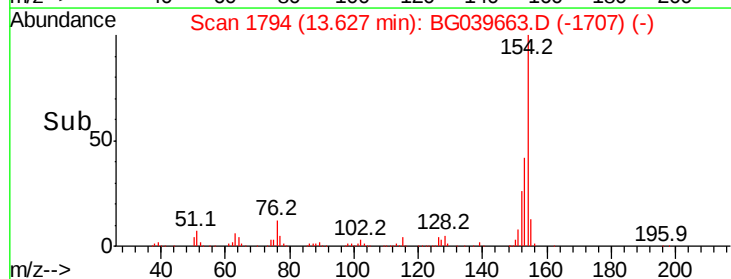
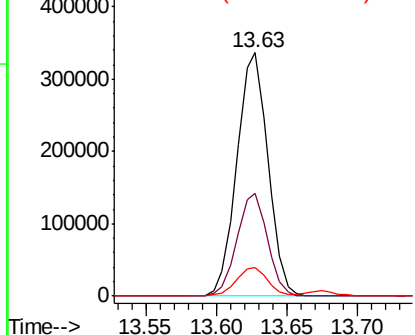


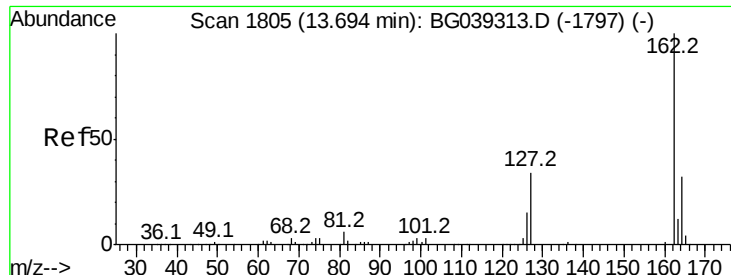
#46
 1,1'-Biphenyl
 Concen: 37.111 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion:154 Resp: 517320
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.1 62.1
 76 11.5 0.0 32.4



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

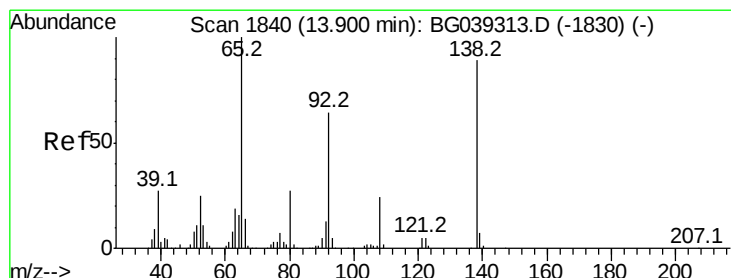
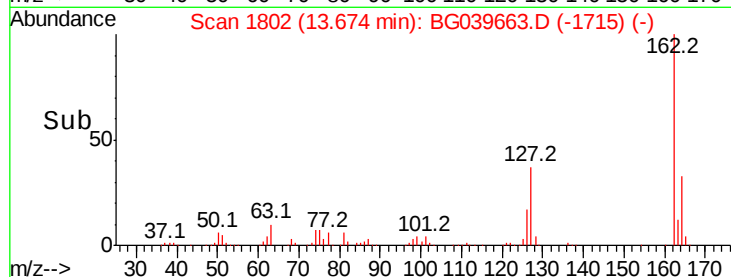
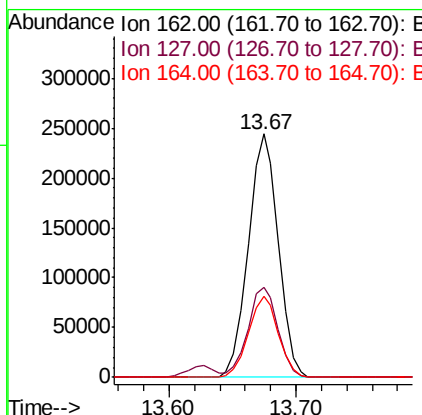
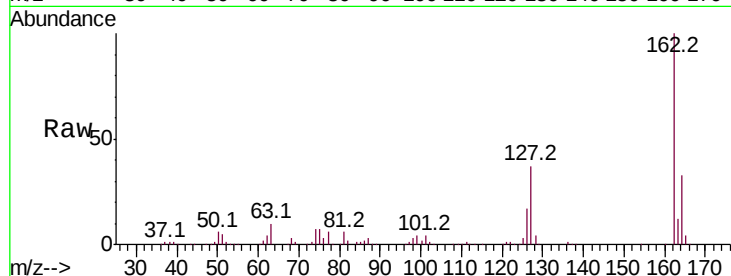




#47
2-Chloronaphthalene
Concen: 38.131 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

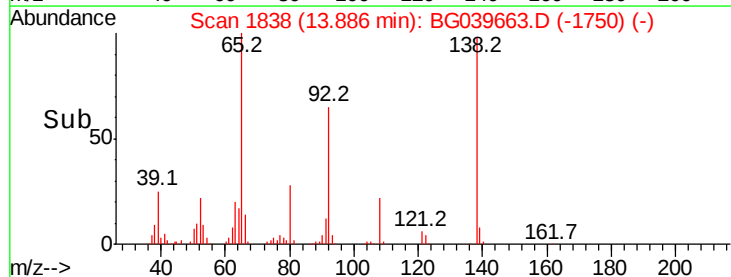
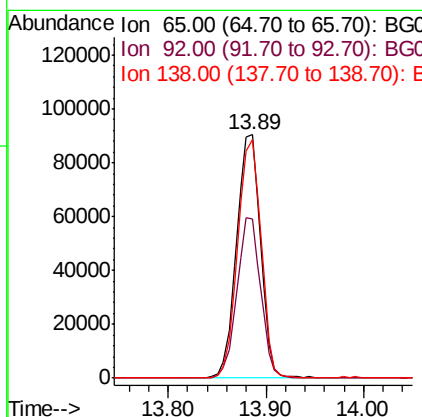
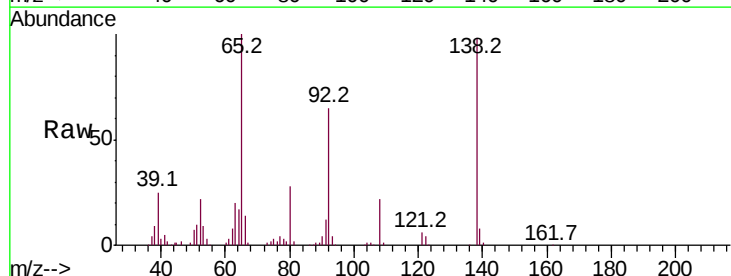
Instrument :
BNA_G
ClientSampleId :

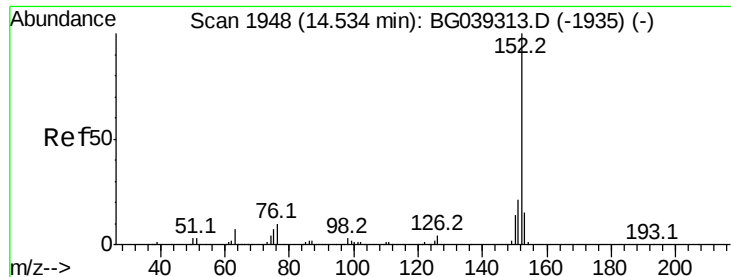
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.0	46.6
164	33.2	25.7	38.5



#48
2-Nitroaniline
Concen: 50.716 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	51.4	77.2
138	98.0	71.4	107.2





#49

Acenaphthylene

Concen: 42.329 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

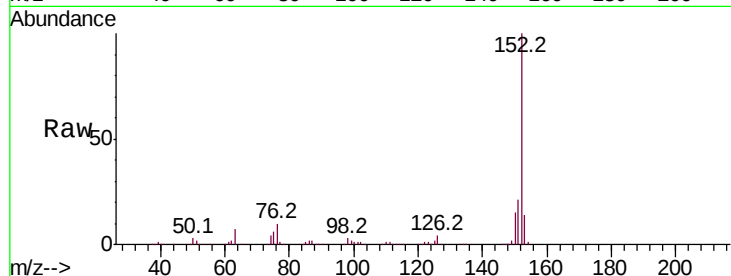
Tot Ion:152 Resp: 669791

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

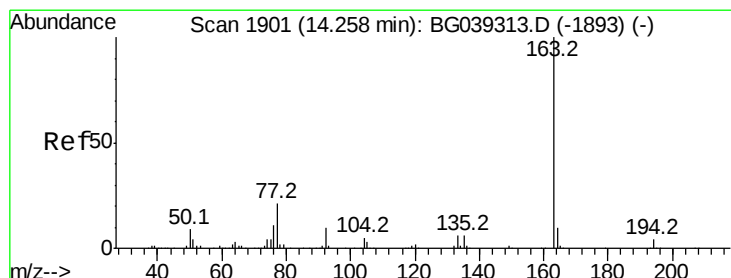
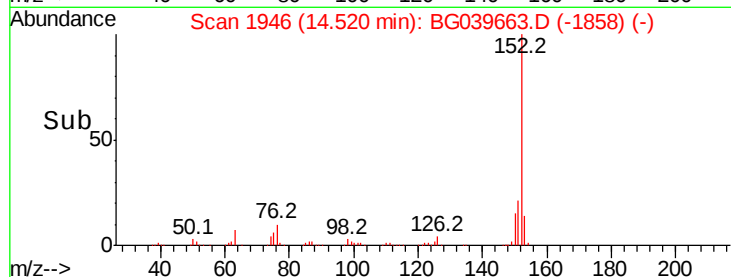
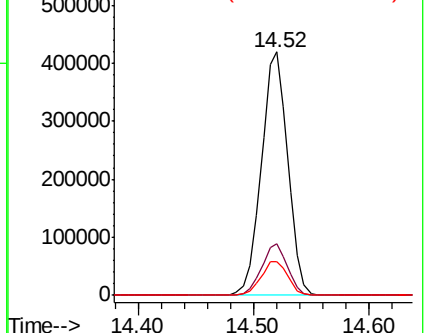
153 13.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.673 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

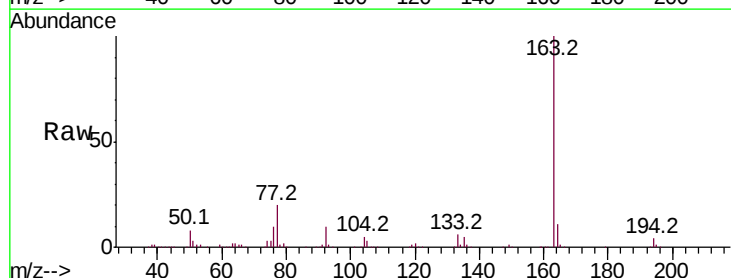
Tgt Ion:163 Resp: 590950

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

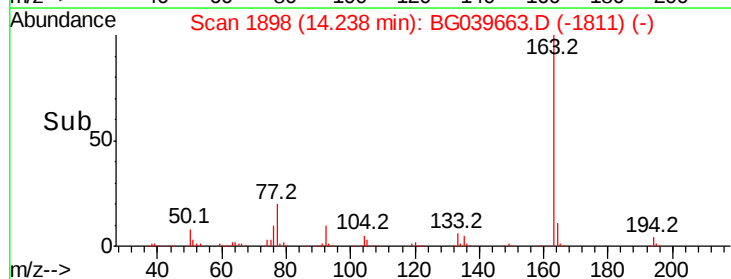
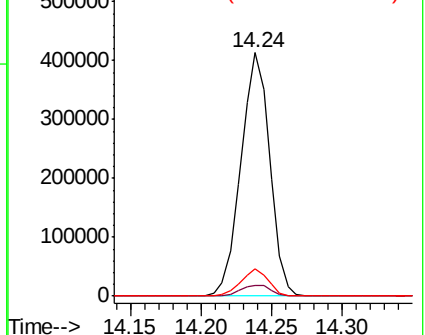
164 11.0 8.4 12.6

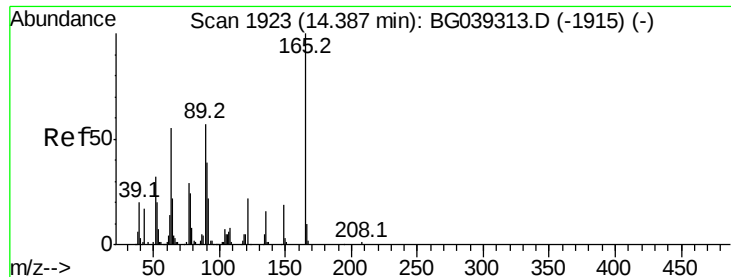


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

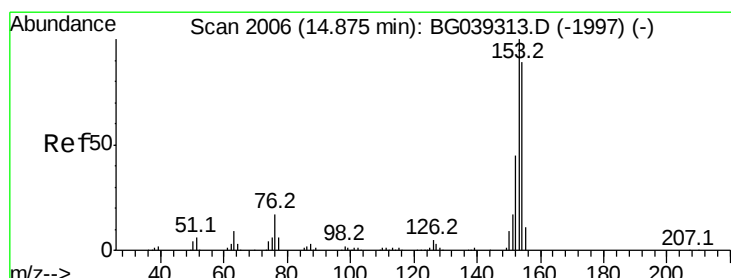
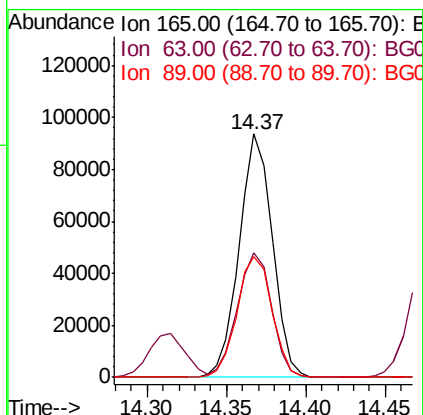
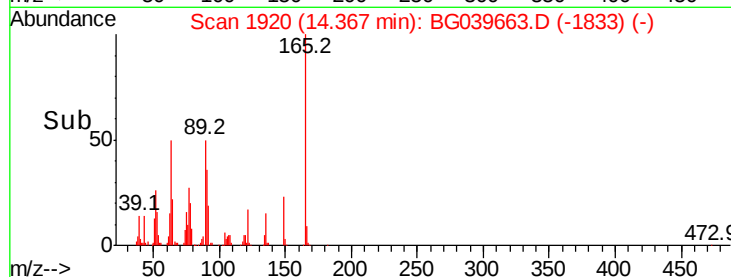
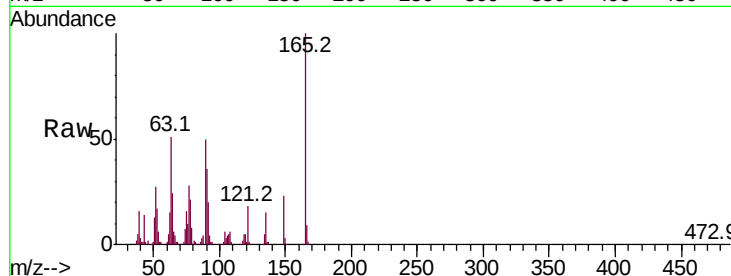




#51
2,6-Dinitrotoluene
Concen: 53.086 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

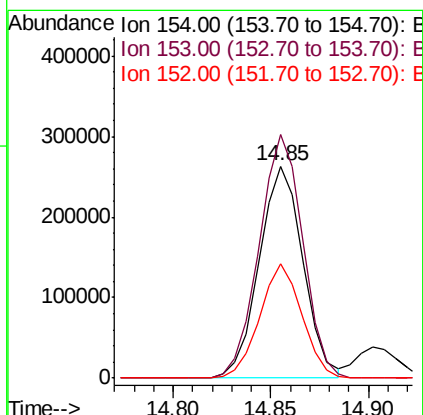
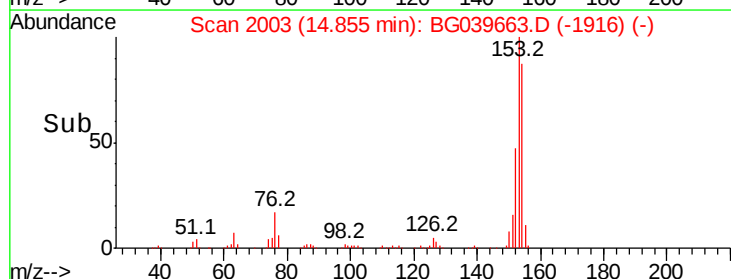
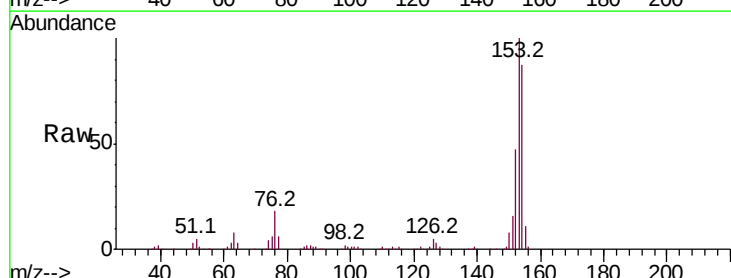
Instrument :
BNA_G
ClientSampleId :

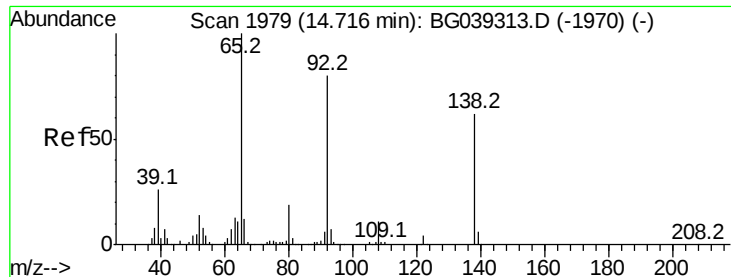
Tot Ion:165 Resp: 136285
Ion Ratio Lower Upper
165 100
63 51.3 47.0 70.6
89 49.8 45.8 68.8



#52
Acenaphthene
Concen: 39.779 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:154 Resp: 408573
Ion Ratio Lower Upper
154 100
153 115.0 90.1 135.1
152 53.9 40.9 61.3





#53

3-Nitroaniline

Concen: 34.681 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

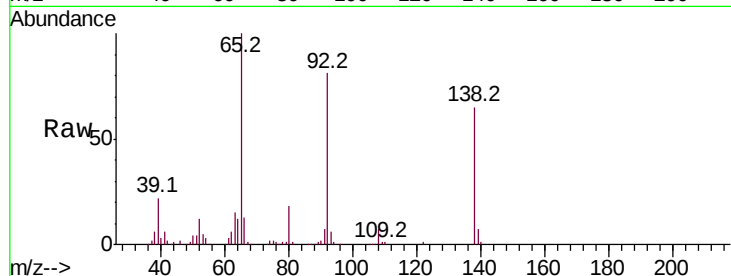
Tot Ion:138 Resp: 89647

Ion Ratio Lower Upper

138 100

108 10.0 13.8 20.8#

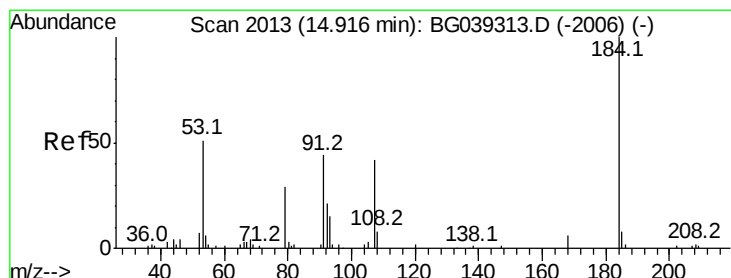
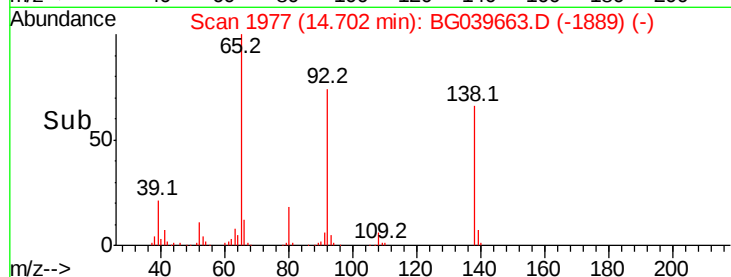
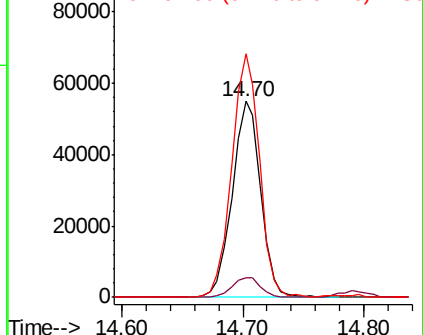
92 124.1 103.7 155.5



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): BGC



#54

2,4-Dinitrophenol

Concen: 87.392 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

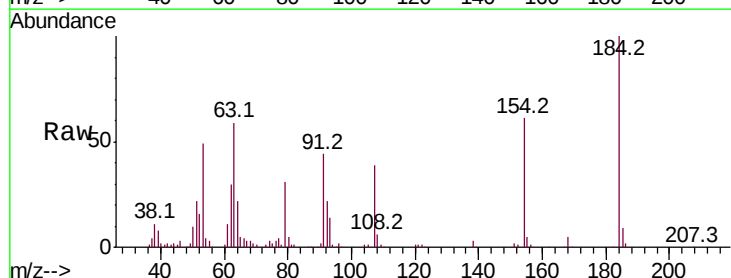
Tgt Ion:184 Resp: 102188

Ion Ratio Lower Upper

184 100

63 58.6 50.9 76.3

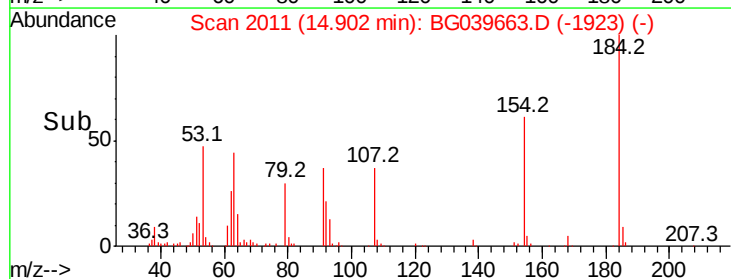
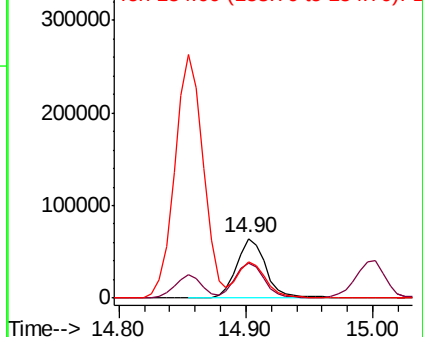
154 61.0 53.0 79.6

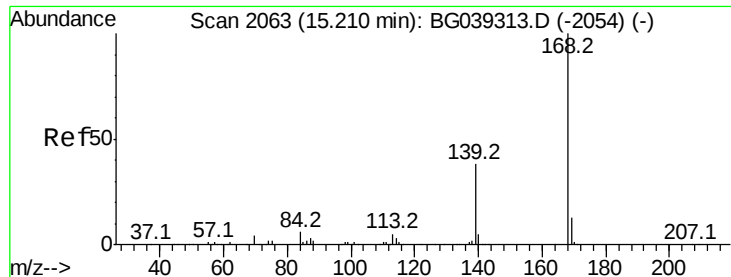


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

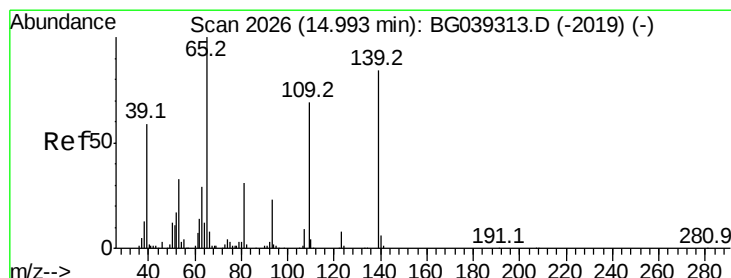
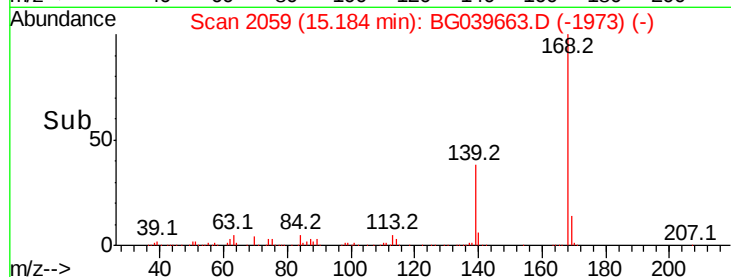
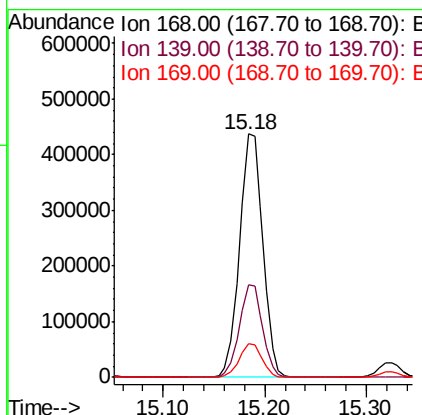
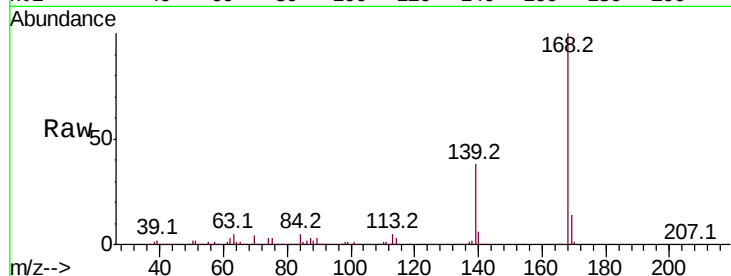




#55
Dibenzofuran
Concen: 42.146 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

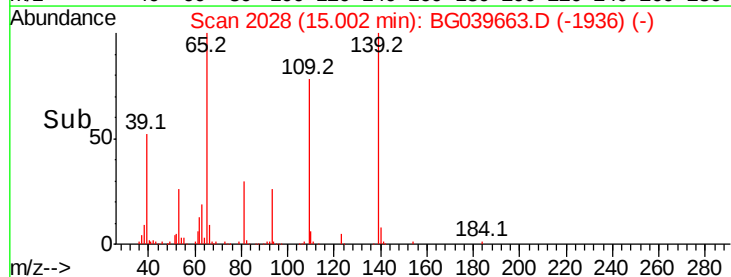
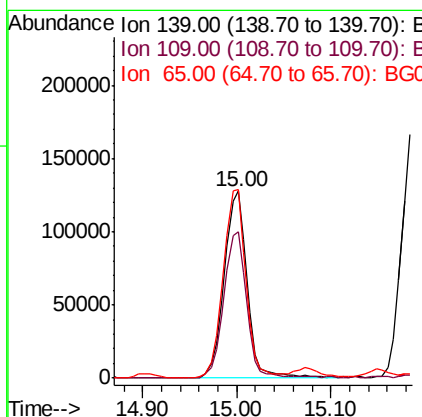
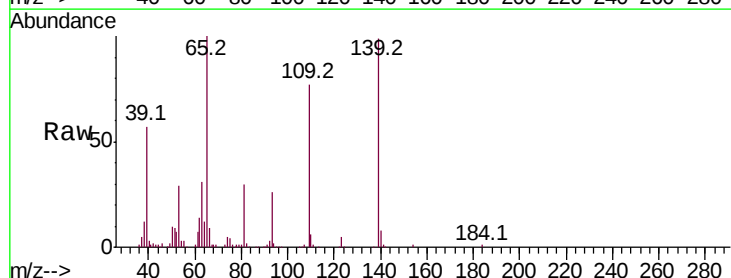
Instrument :
BNA_G
ClientSampled :

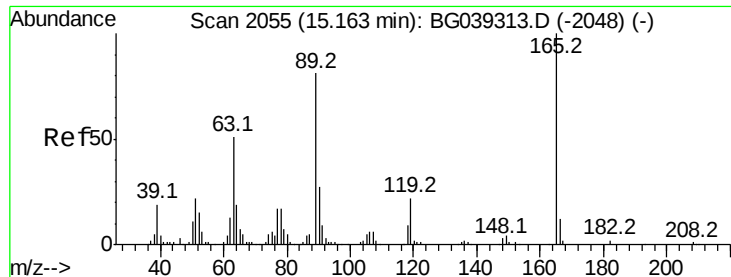
Tot Ion:168 Resp: 694073
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 88.239 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:139 Resp: 217454
Ion Ratio Lower Upper
139 100
109 78.2 61.9 101.9
65 101.3 99.1 139.1

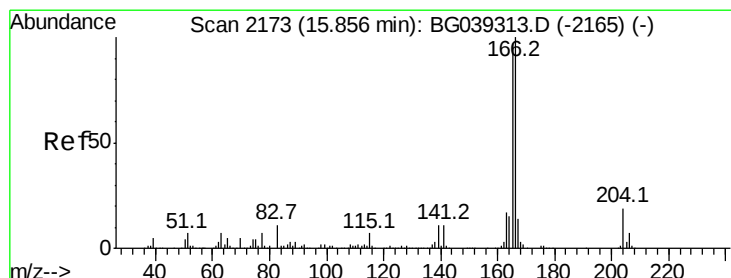
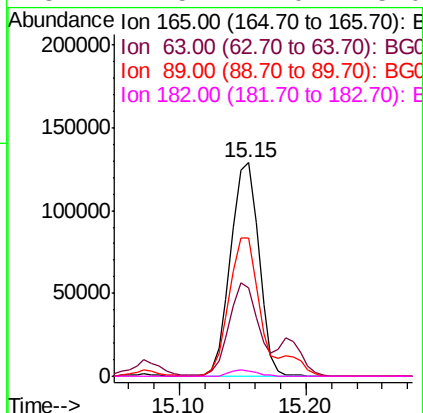
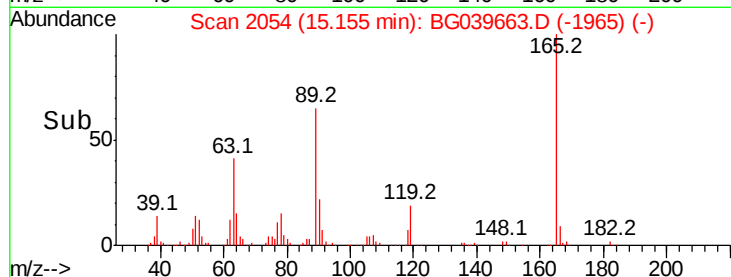
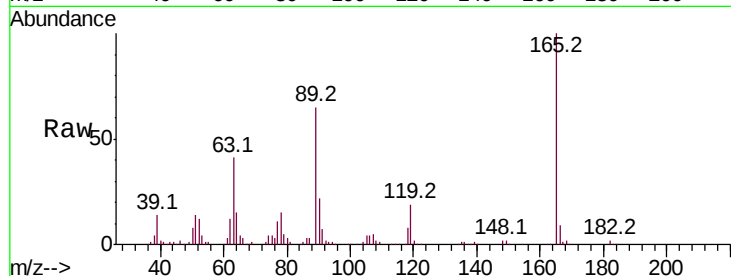




#57
2,4-Dinitrotoluene
Concen: 59.474 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

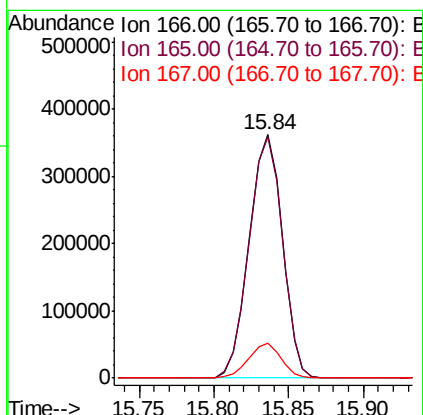
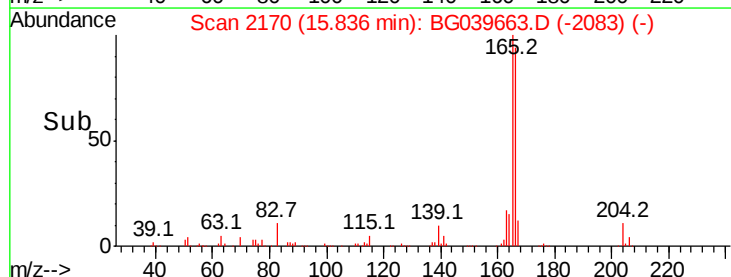
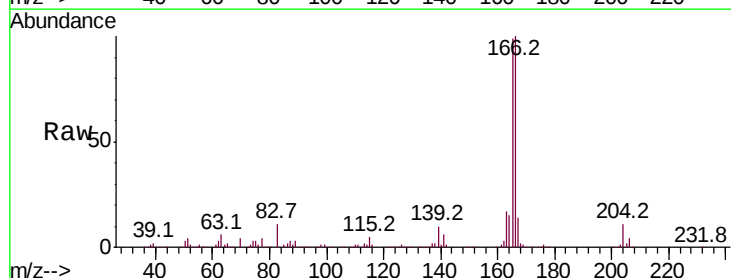
Instrument :
BNA_G
ClientSampleId :

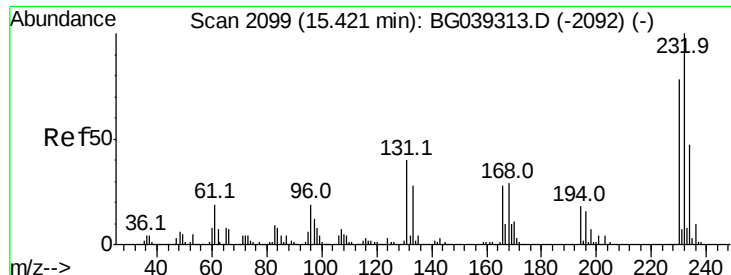
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	41.0	61.6
89	64.5	64.6	96.8
182	2.5	2.0	3.0



#58
Fluorene
Concen: 45.470 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.9	116.9
167	14.1	10.8	16.2

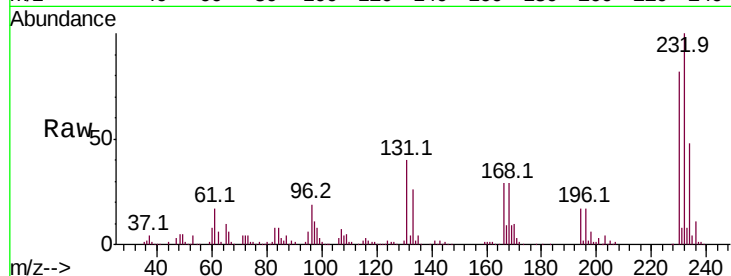




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.612 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.9	52.3
130	2.0	2.0	3.0
166	28.8	24.1	36.1



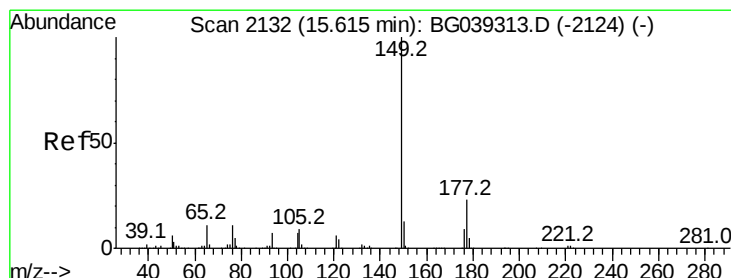
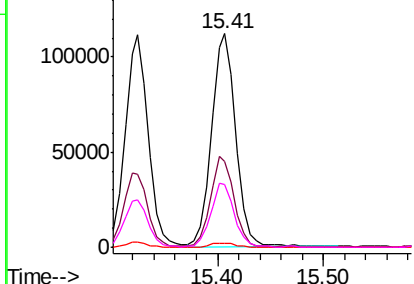
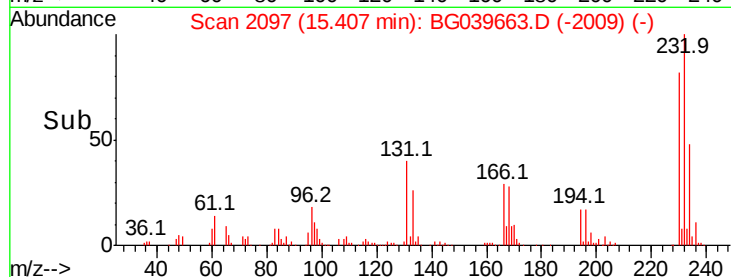
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

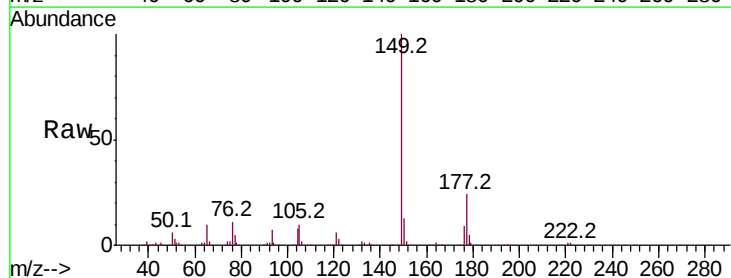
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.937 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	13.0	10.2	15.2

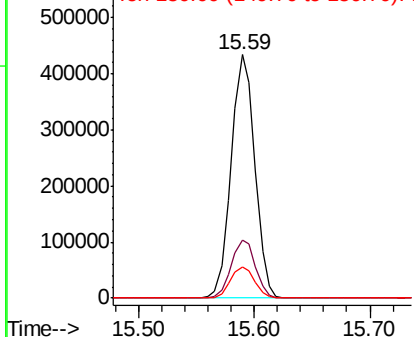
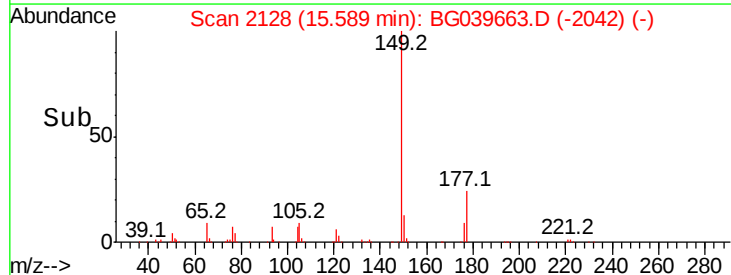


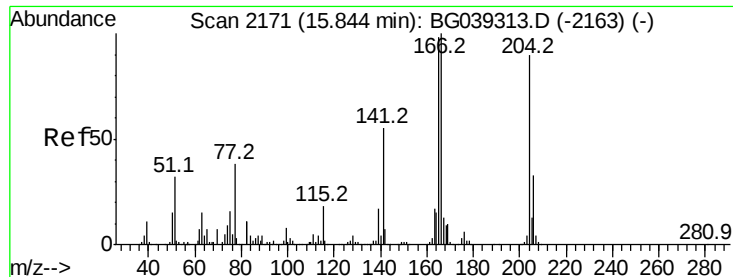
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

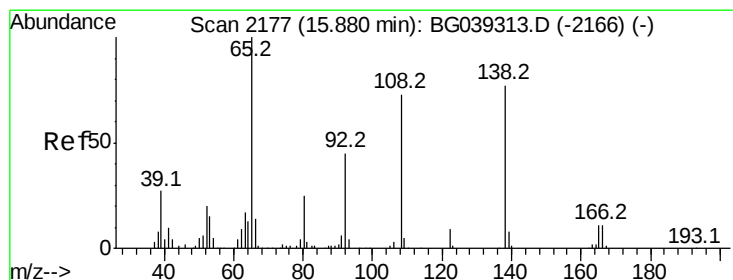
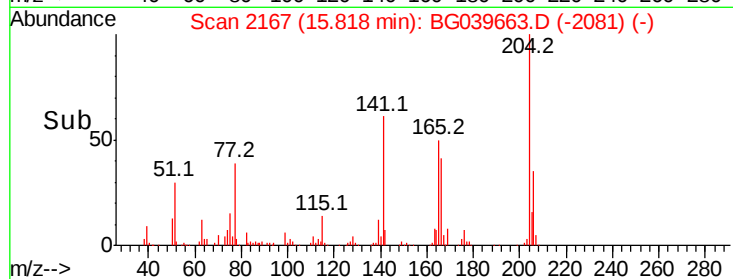
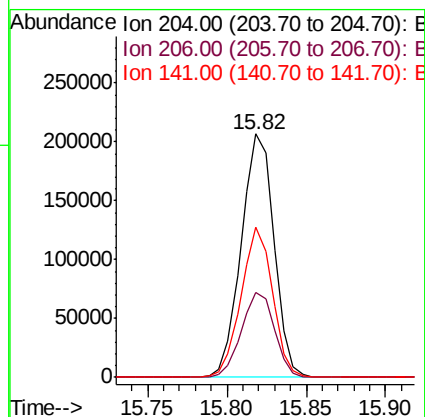
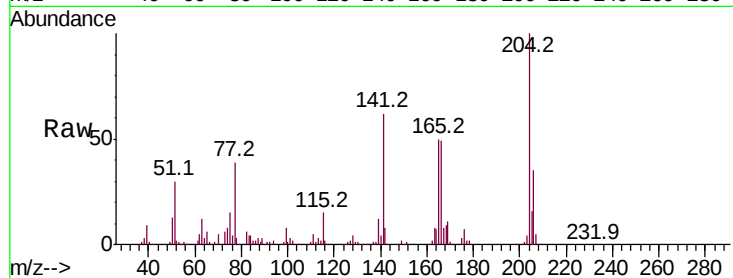




#61
4-Chlorophenyl-phenylether
Concen: 42.660 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

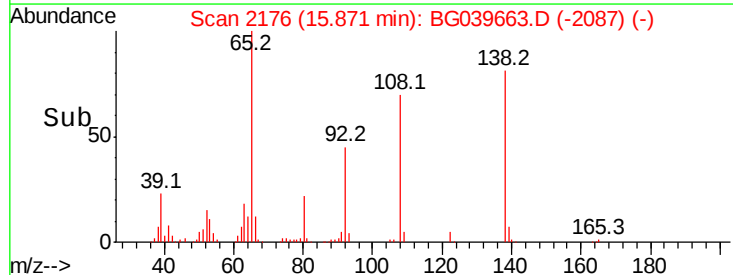
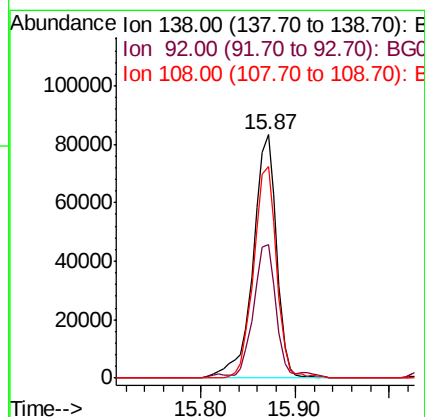
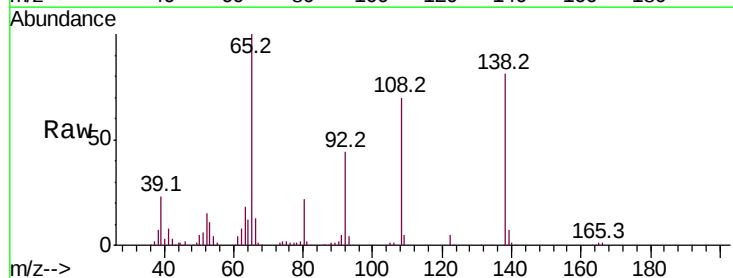
Instrument :
BNA_G
ClientSampleId :

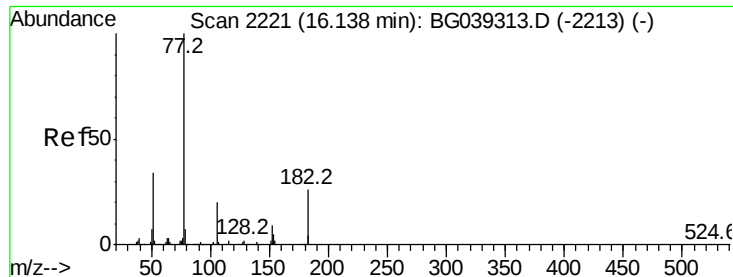
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	29.2	43.8
141	61.6	49.0	73.4



#62
4-Nitroaniline
Concen: 50.648 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	38.7	78.7
108	86.8	74.6	114.6





#63

Azobenzene

Concen: 39.524 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 540453

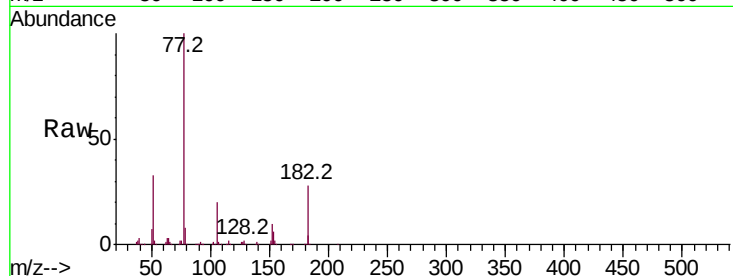
Ion Ratio Lower Upper

77 100

182 27.5 6.4 46.4

105 20.4 0.0 39.8

51 32.7 14.1 54.1

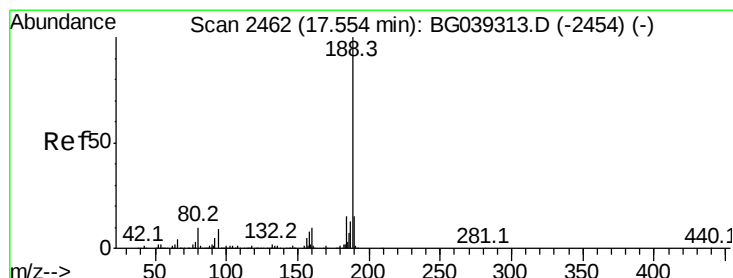
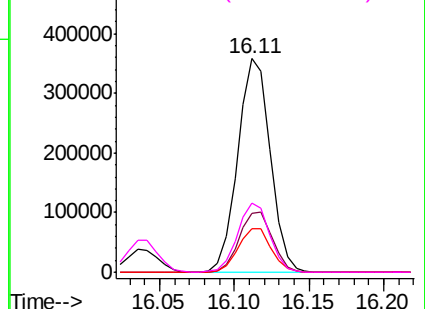
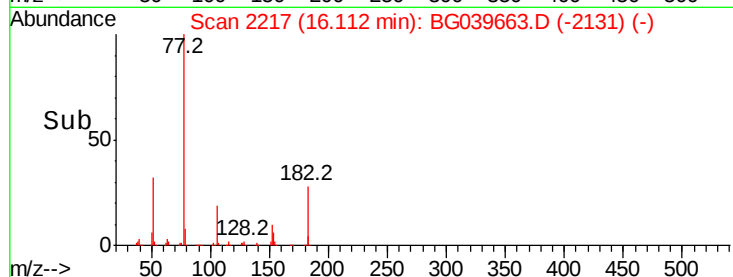


Abundance Ion 77.00 (76.70 to 77.70): BG0

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): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

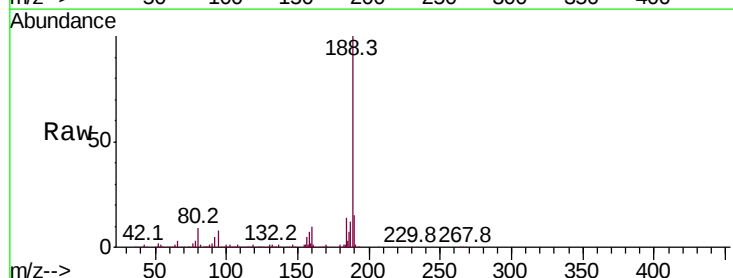
Tgt Ion: 188 Resp: 454485

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

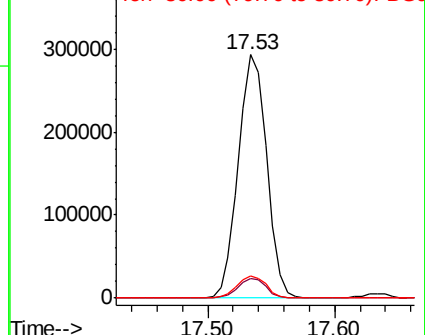
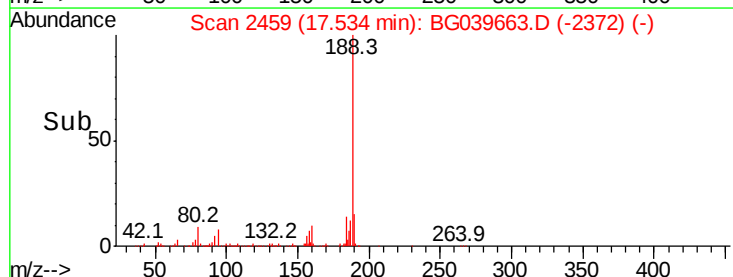
80 9.1 8.1 12.1

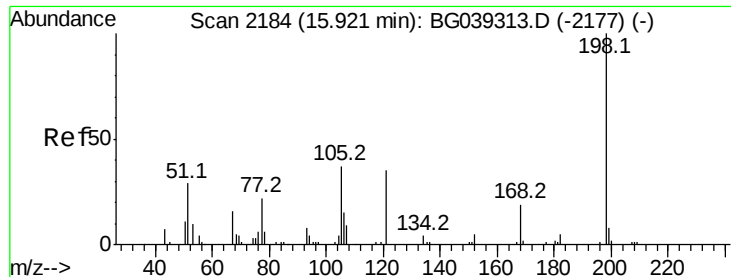


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

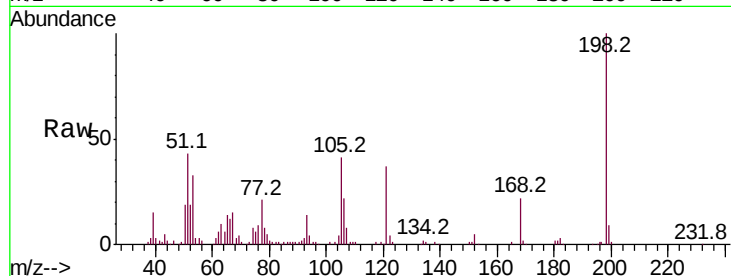




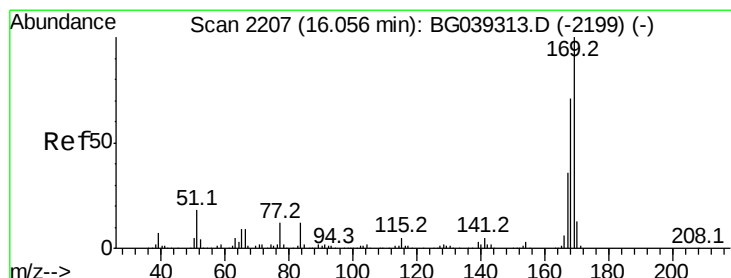
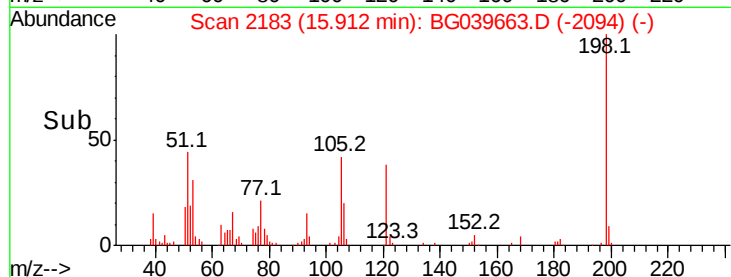
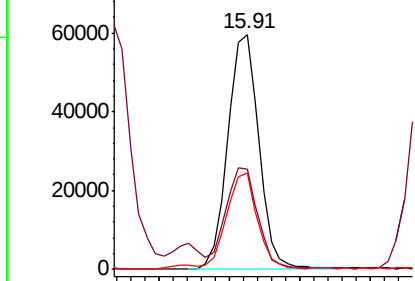
#65
4,6-Dinitro-2-methylphenol
Concen: 50.344 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 91929
Ion Ratio Lower Upper
198 100
51 42.7 27.4 67.4
105 41.1 19.7 59.7

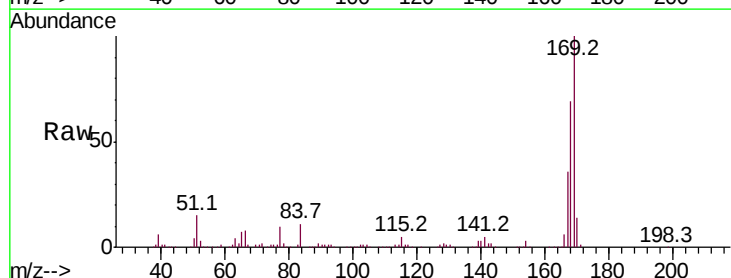


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

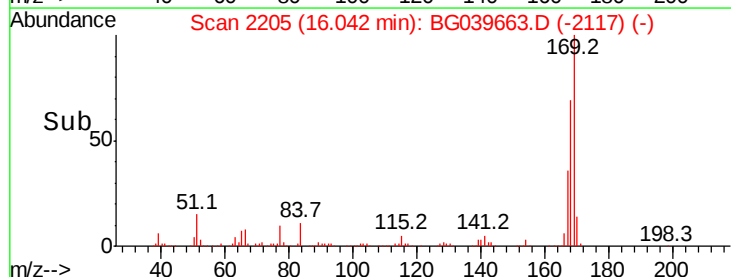
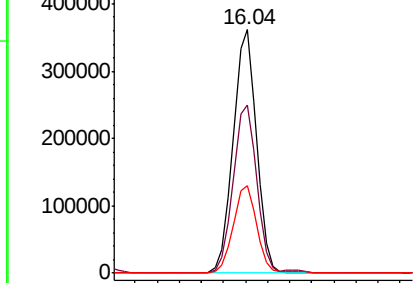


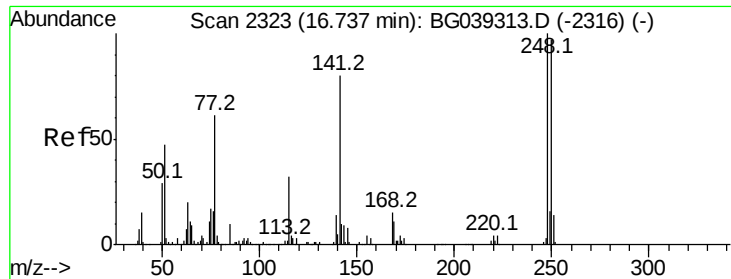
#66
n-Nitrosodiphenylamine
Concen: 38.935 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:169 Resp: 538050
Ion Ratio Lower Upper
169 100
168 68.9 56.6 85.0
167 36.1 28.8 43.2



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

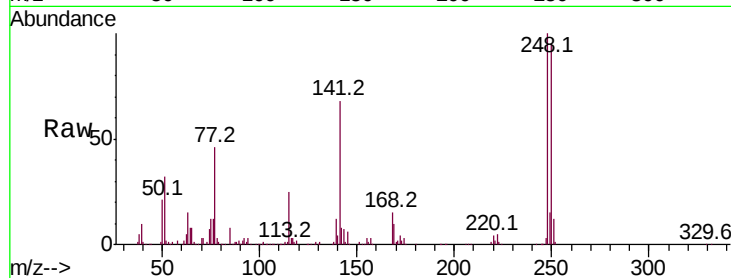




#67
4-Bromophenyl-phenylether
Concen: 41.060 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.6	116.4
141	68.1	63.9	95.9

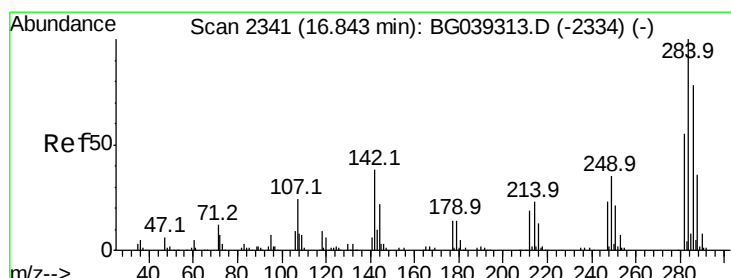
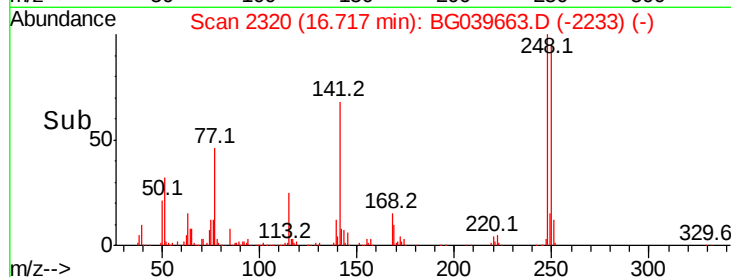
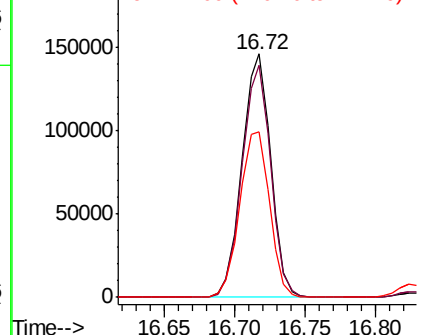


Abundance

Ion 248.00 (247.70 to 248.70): E

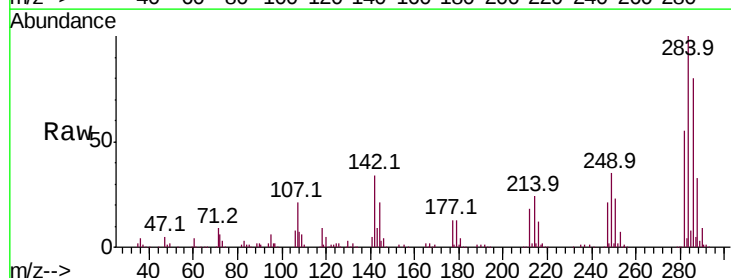
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.486 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	30.6	45.8
249	34.6	28.2	42.2

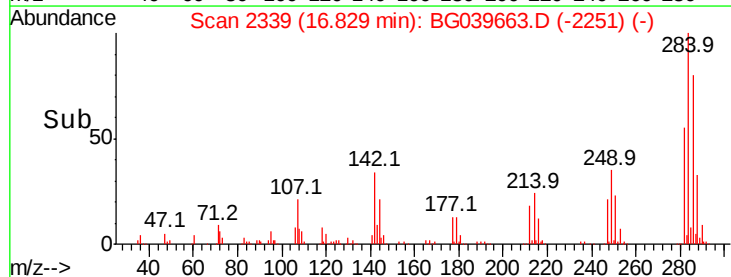
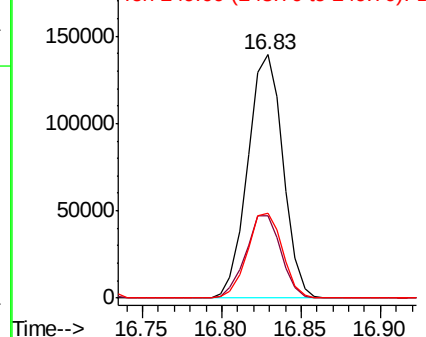


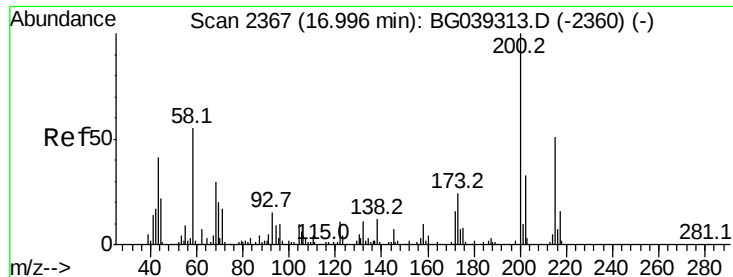
Abundance

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: 44.826 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

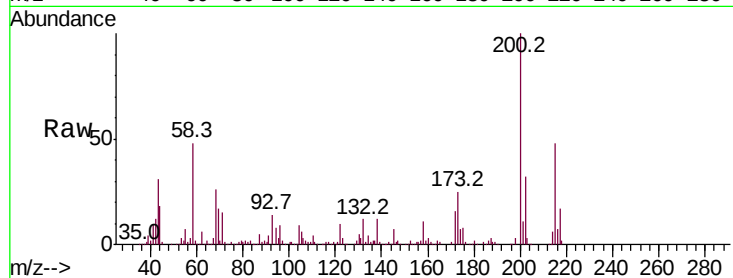
Tot Ion:200 Resp: 226376

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

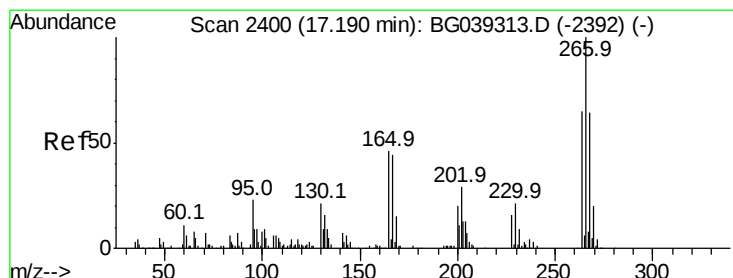
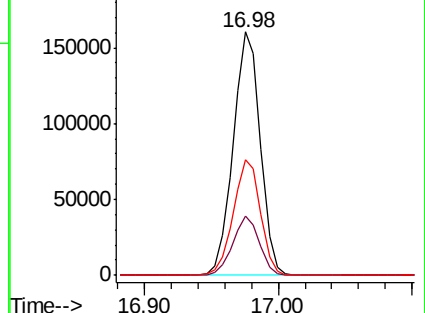
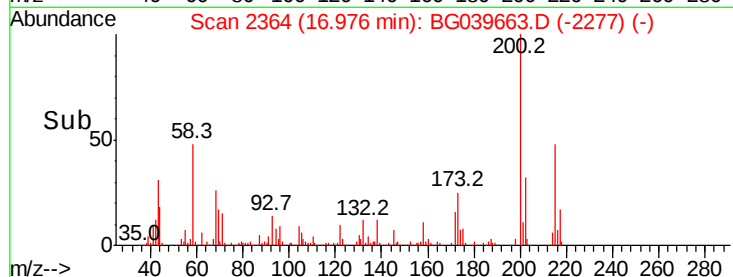
215 47.5 30.9 70.9



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: 67.618 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

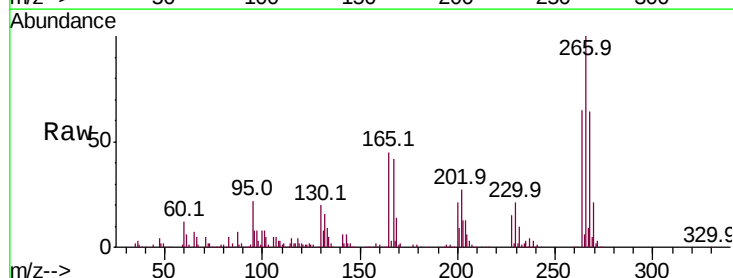
Tgt Ion:266 Resp: 237734

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

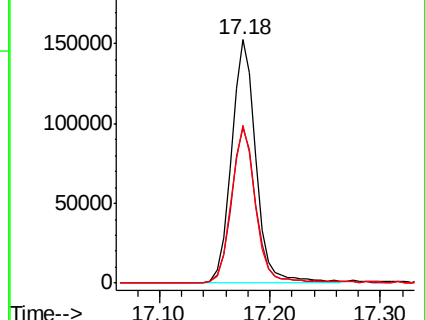
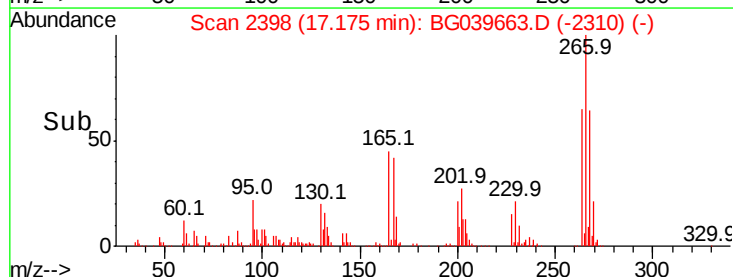
264 64.8 52.1 78.1

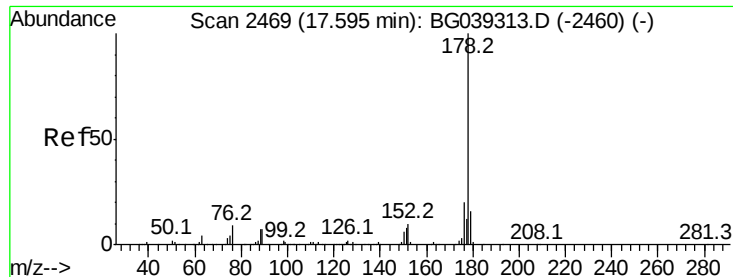


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

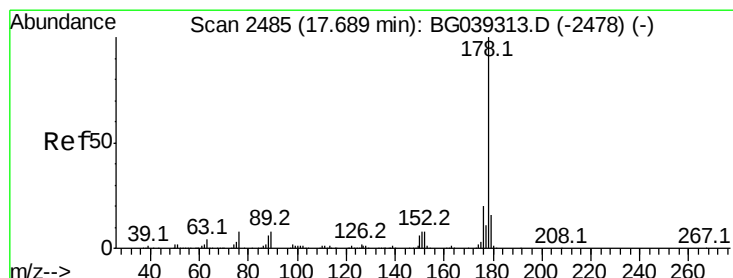
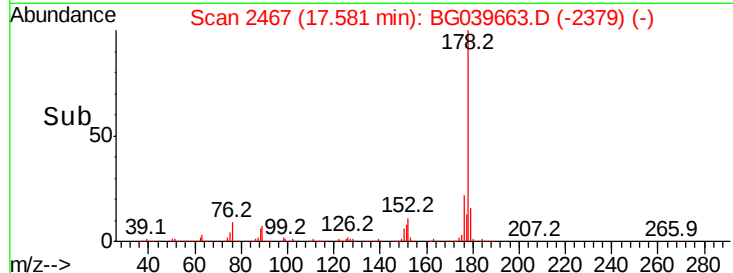
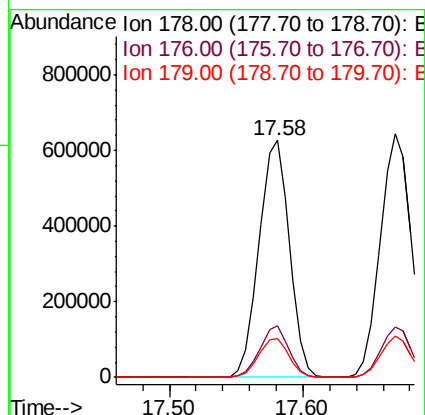
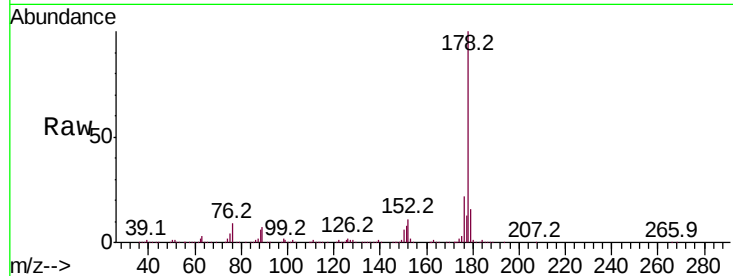




#71
Phenanthrene
Concen: 41.880 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

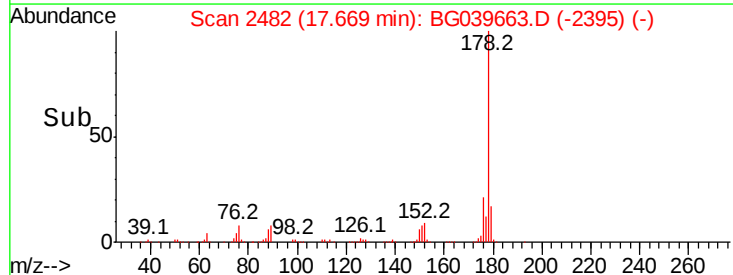
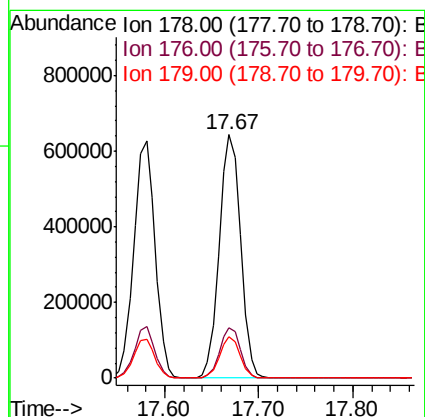
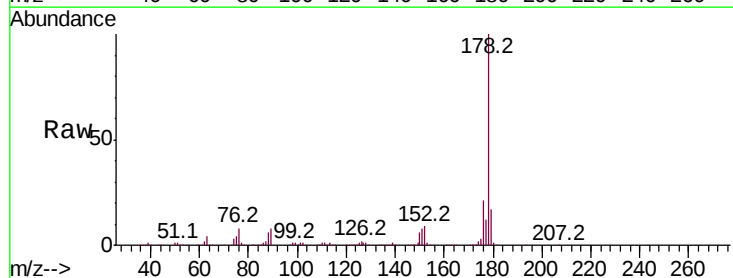
Instrument :
BNA_G
ClientSampleId :

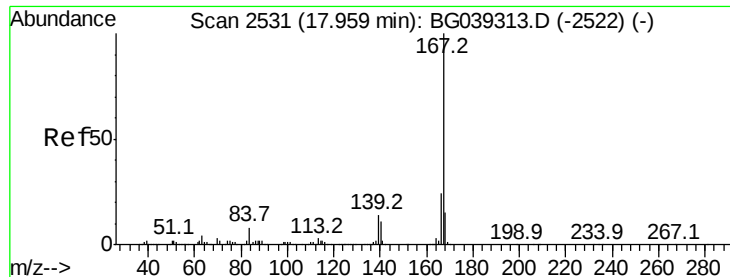
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	16.2	12.6	19.0



#72
Anthracene
Concen: 44.154 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.6
179	16.9	12.5	18.7

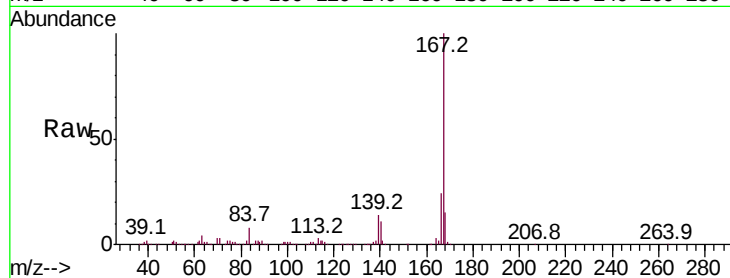




#73
 Carbazole
 Concen: 37.324 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	14.0	10.8	16.2

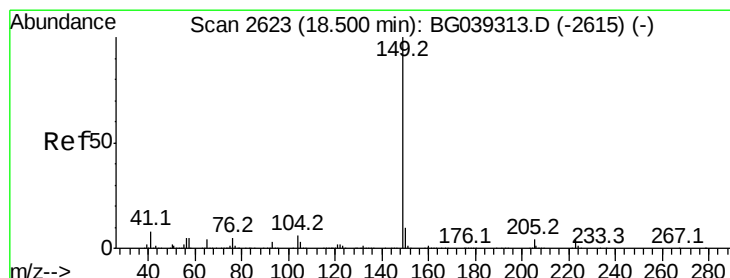
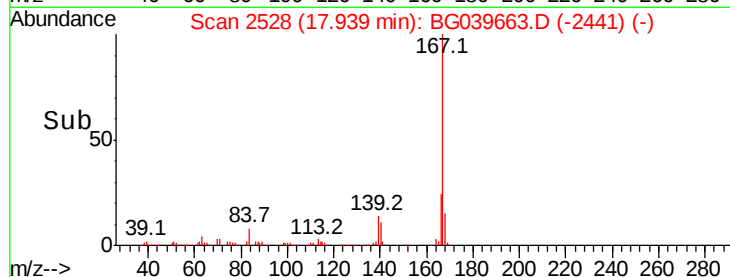
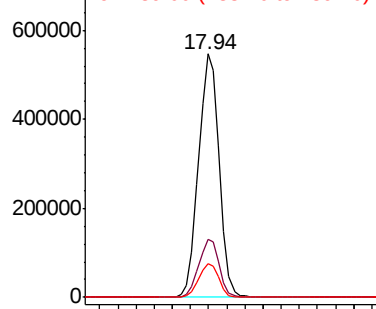


Abundance

Ion 167.00 (166.70 to 167.70): E

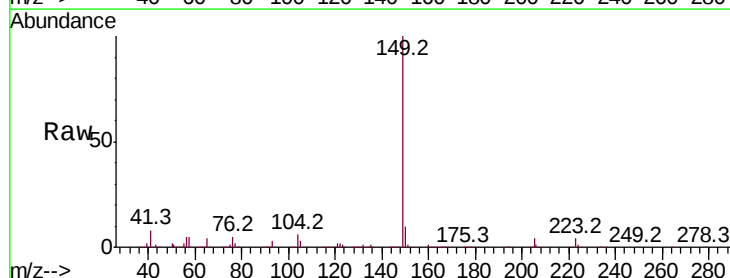
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.787 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.8	4.5	6.7

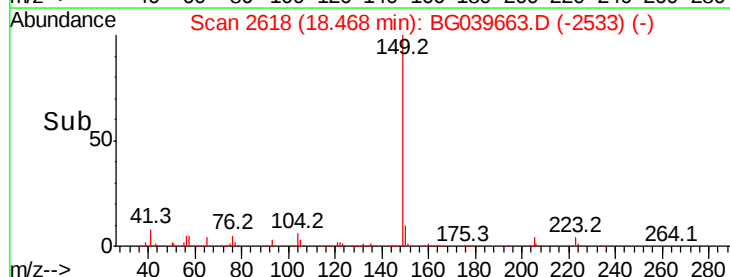
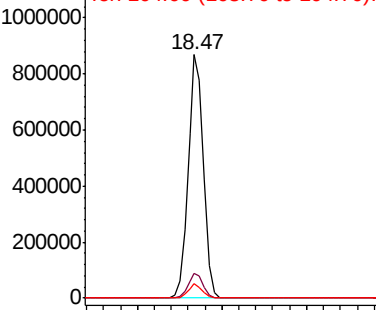


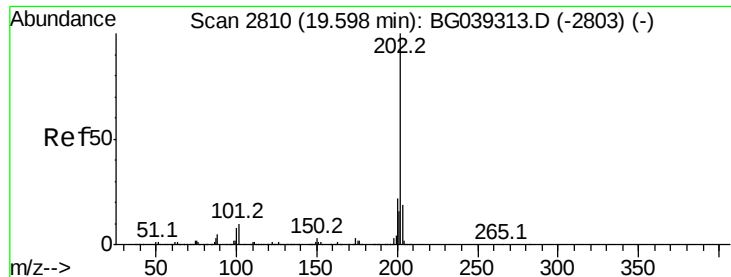
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.723 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

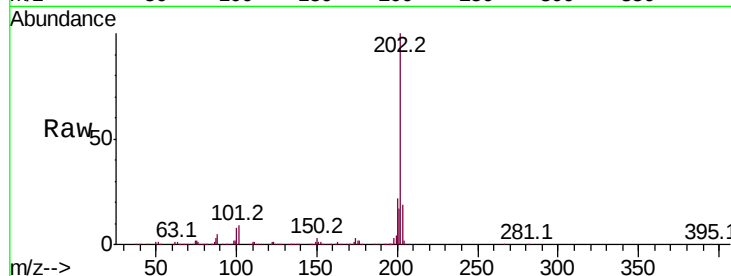
Tot Ion:202 Resp: 1111854

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

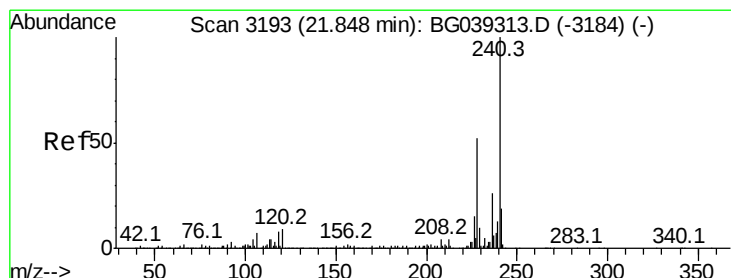
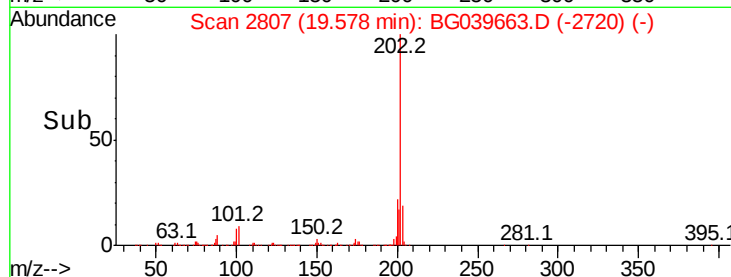
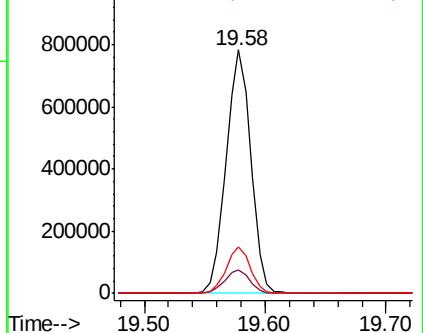
203 19.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

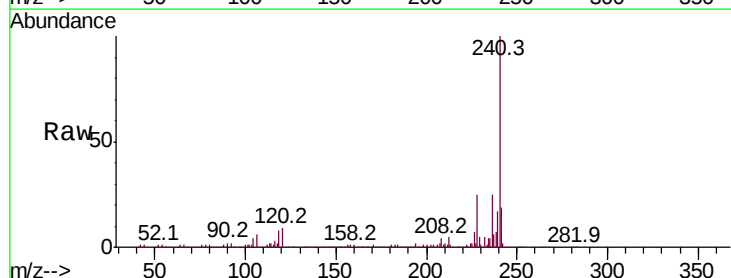
Tgt Ion:240 Resp: 349139

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

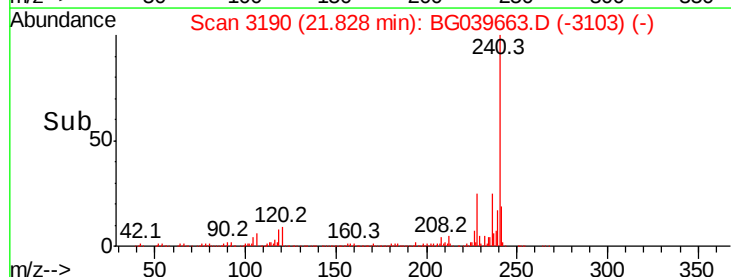
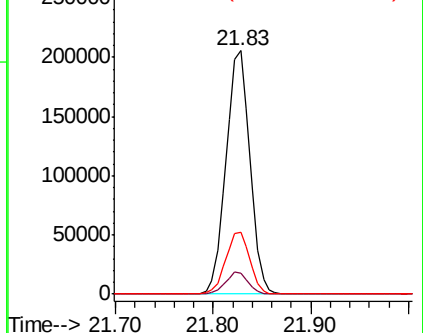
236 25.3 21.0 31.4

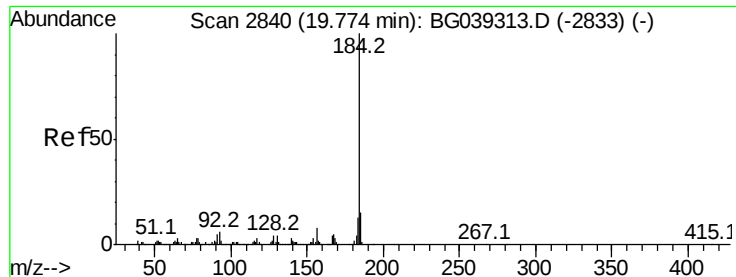


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.990 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

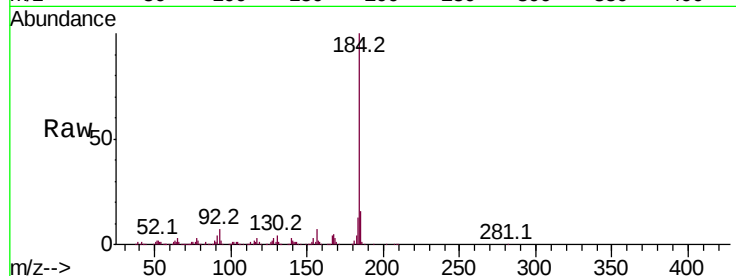
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 434861

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	13.1	10.6	15.8

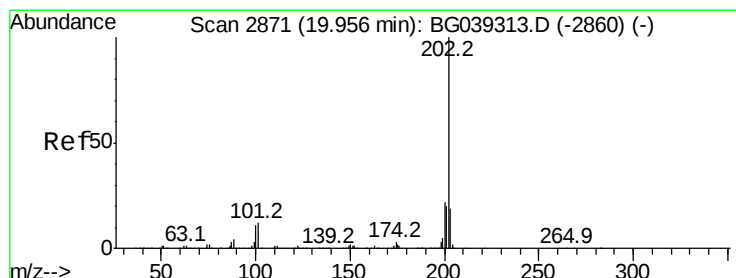
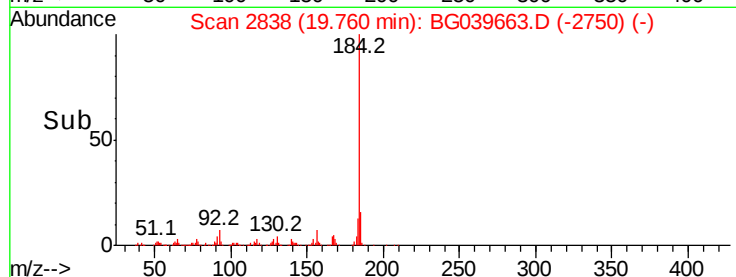
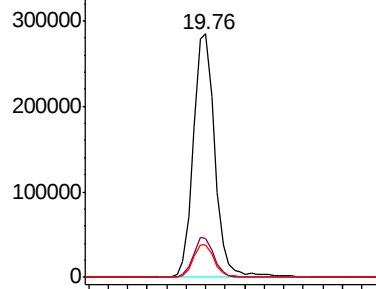


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.711 ng

RT: 19.94 min Scan# 2869

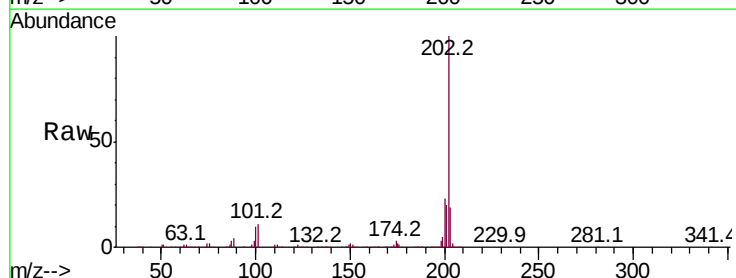
Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:202 Resp: 1080452

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.8	26.8
203	19.0	15.3	22.9

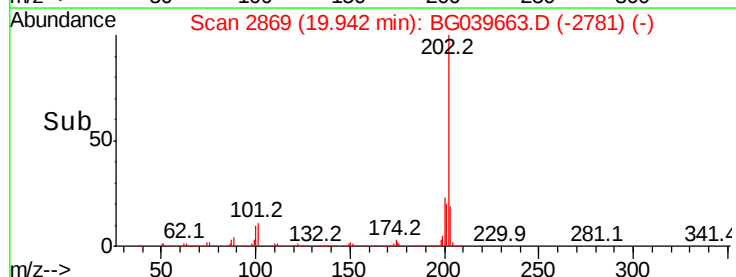
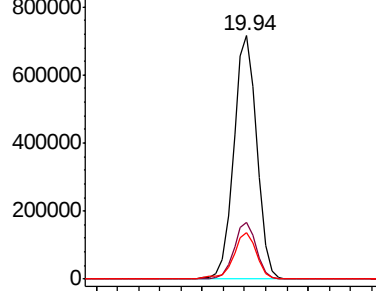


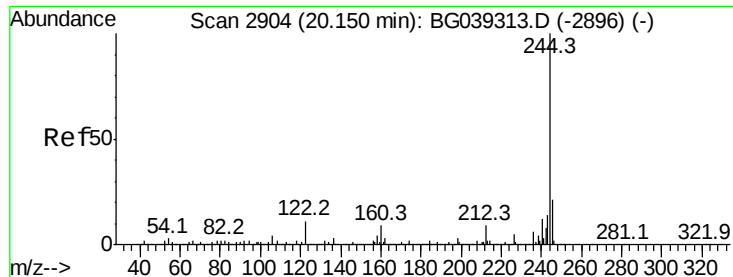
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.045 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

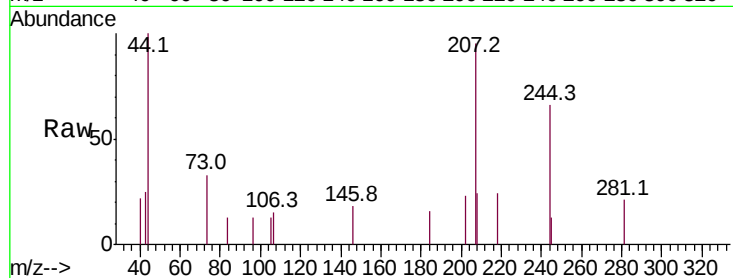
Tot Ion:244 Resp: 750

Ion Ratio Lower Upper

244 100

212 0.0 7.3 10.9#

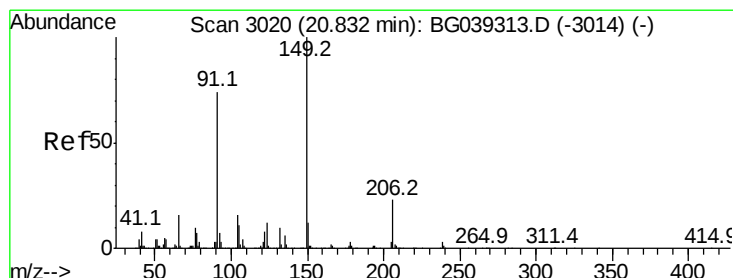
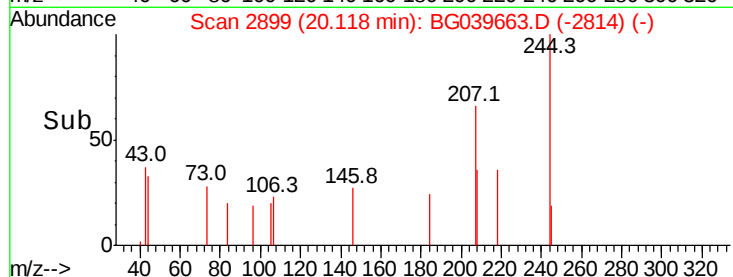
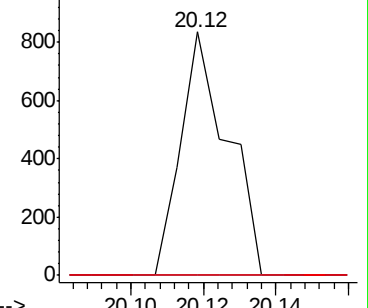
122 0.0 8.4 12.6#



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: 43.410 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

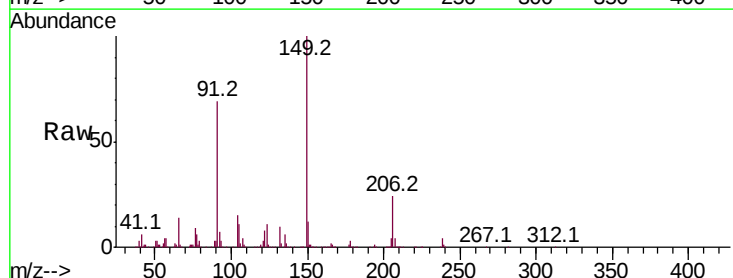
Tgt Ion:149 Resp: 398004

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

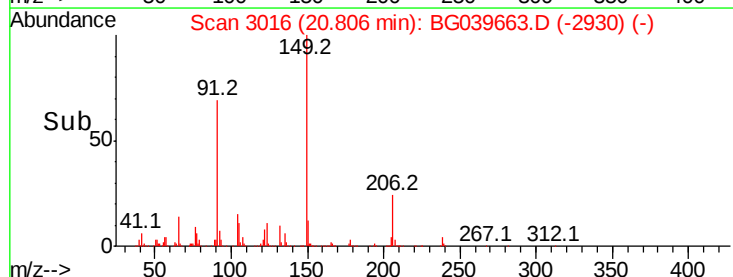
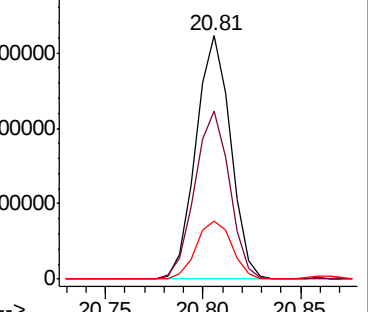
206 24.0 18.6 27.8

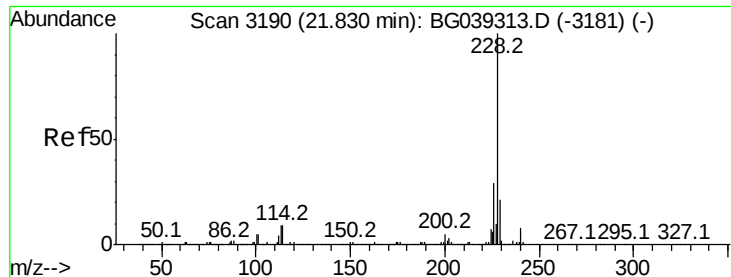


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

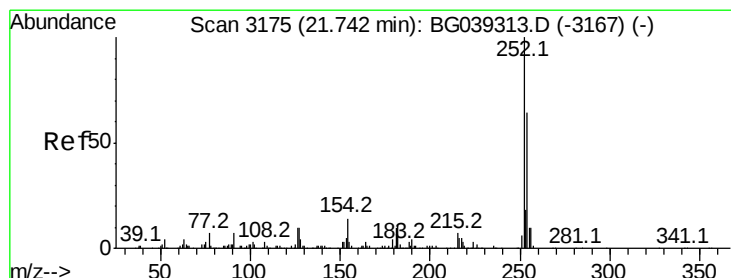
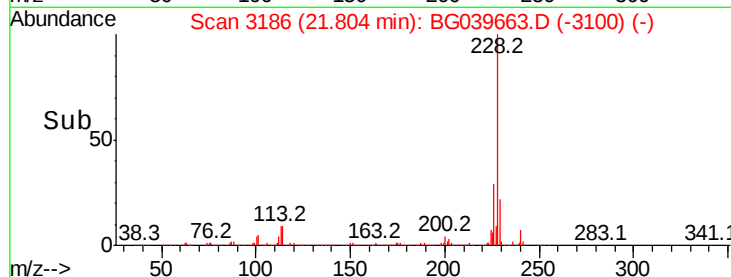
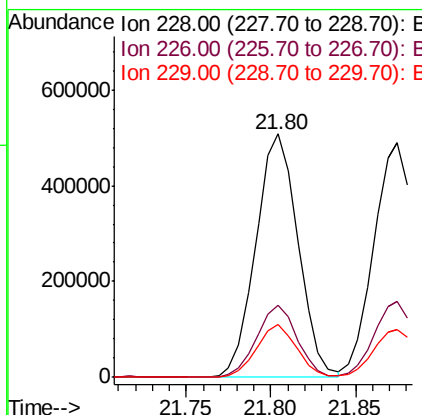
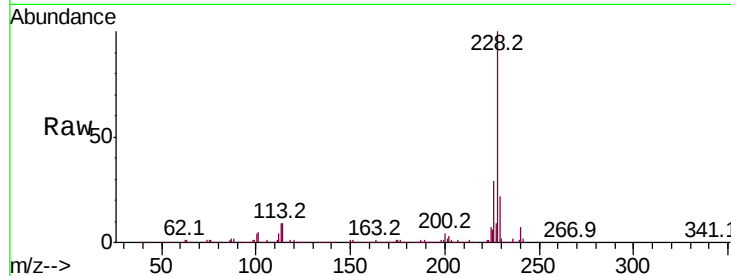




#81
Benzo(a)anthracene
Concen: 42.468 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

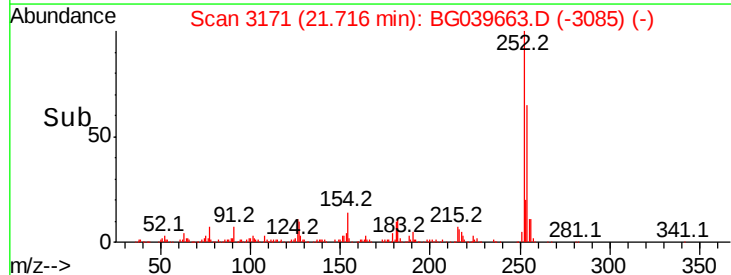
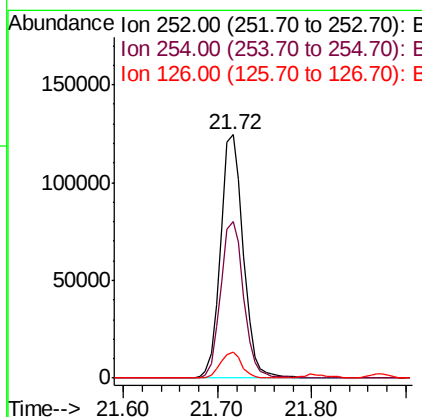
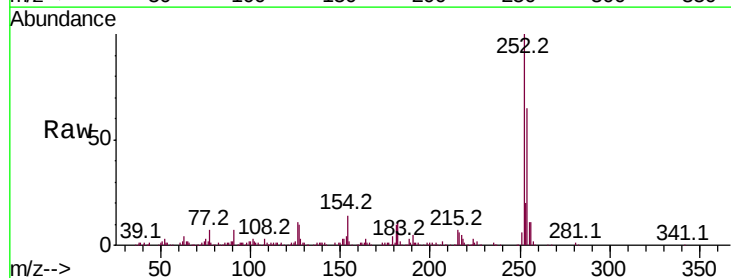
Instrument :
BNA_G
ClientSampleId :

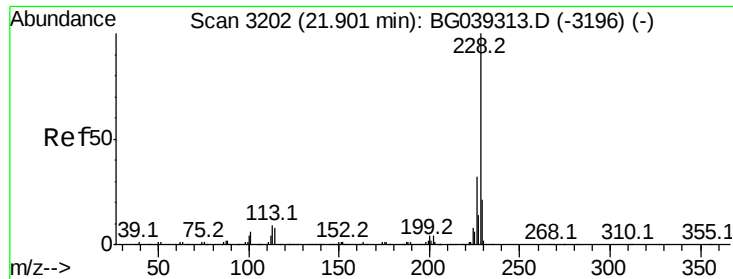
Tot Ion:228 Resp: 876136
Ion Ratio Lower Upper
228 100
226 29.4 23.0 34.6
229 21.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.498 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:252 Resp: 210348
Ion Ratio Lower Upper
252 100
254 64.5 51.3 76.9
126 10.9 8.0 12.0





#83

Chrysene

Concen: 43.094 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

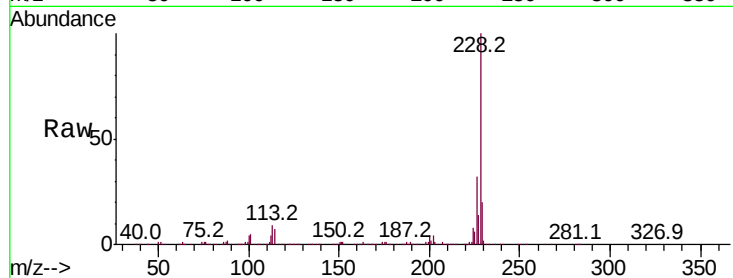
Tot Ion:228 Resp: 846312

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

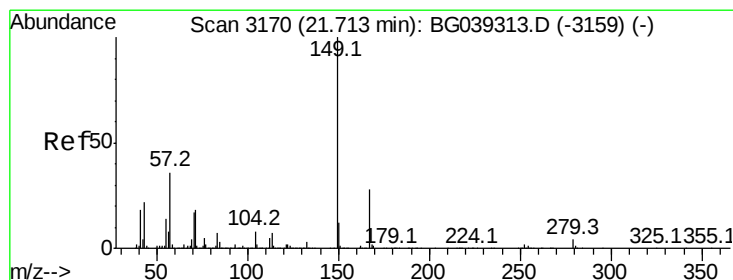
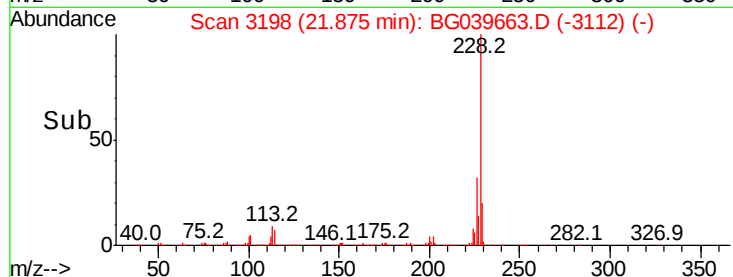
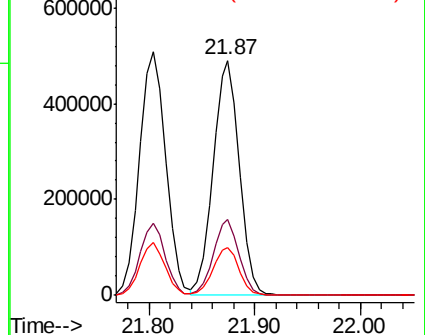
229 20.3 16.6 25.0



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: 39.517 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

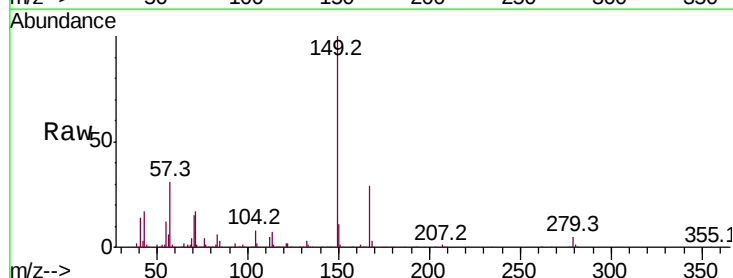
Tgt Ion:149 Resp: 516898

Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

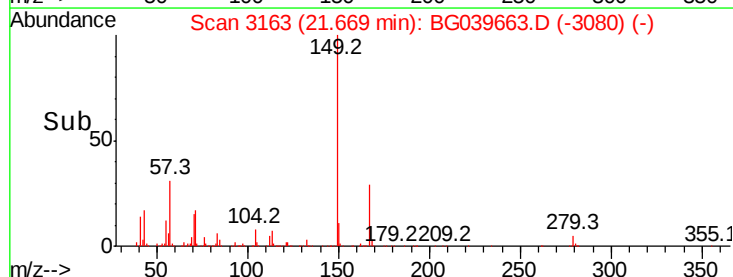
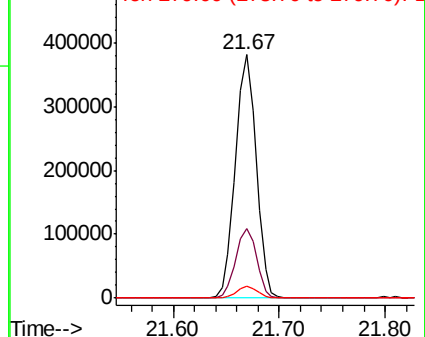
279 4.9 3.5 5.3

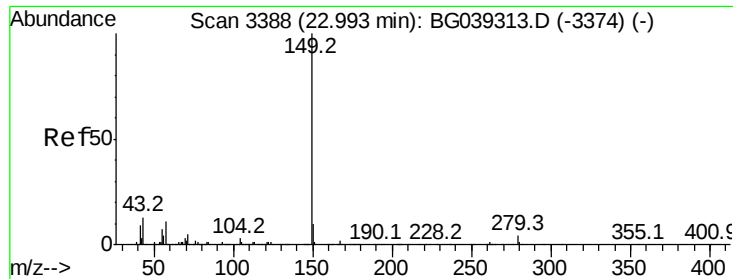


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.700 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

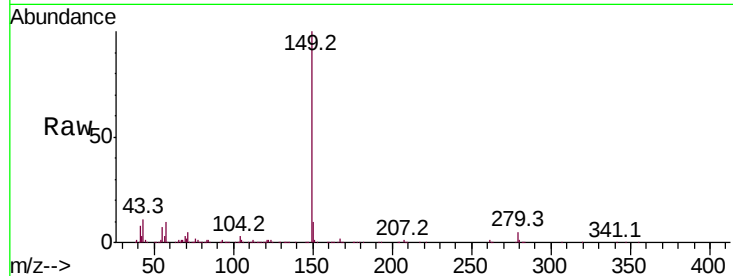
Tot Ion:149 Resp: 901140

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

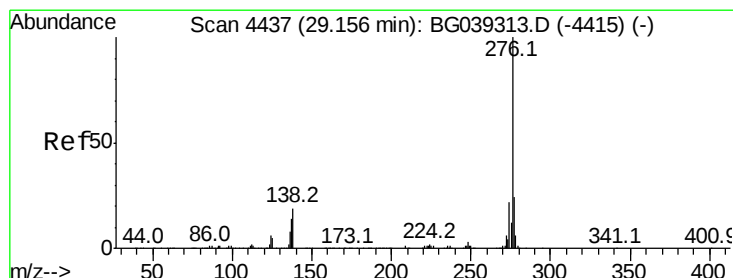
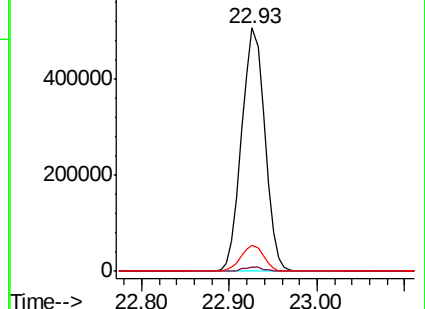
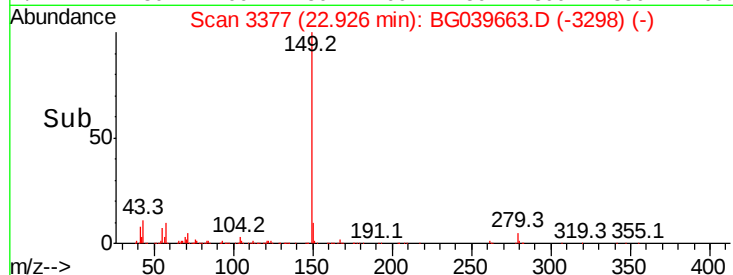
43 10.7 10.2 15.4



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: 47.655 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.07 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

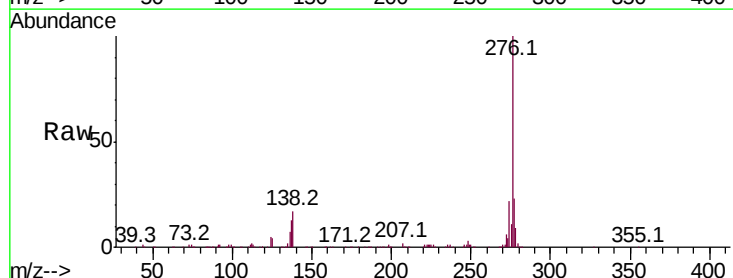
Tgt Ion:276 Resp: 1004124

Ion Ratio Lower Upper

276 100

138 20.3 12.6 19.0#

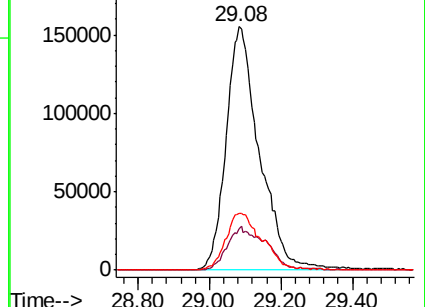
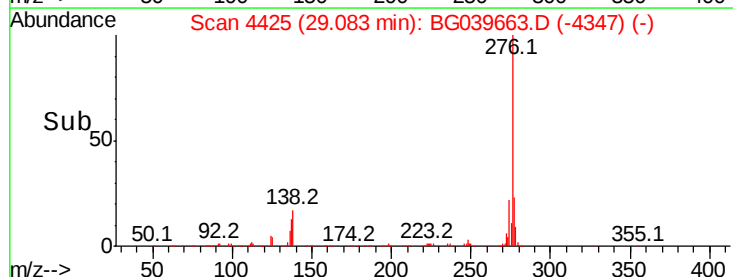
277 25.4 20.8 31.2

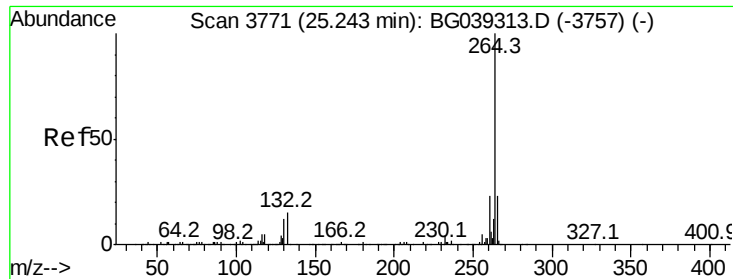


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

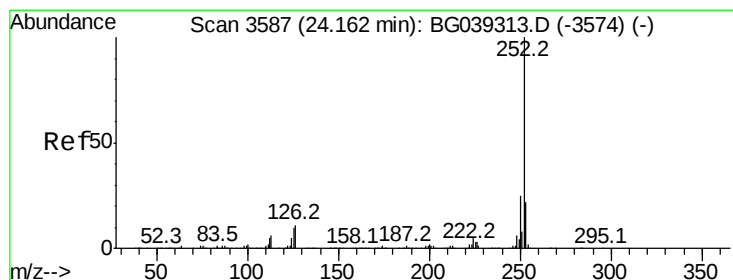
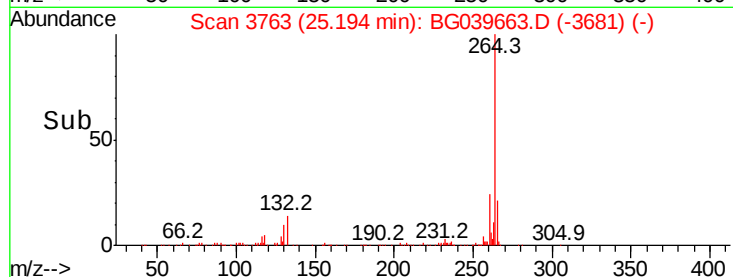
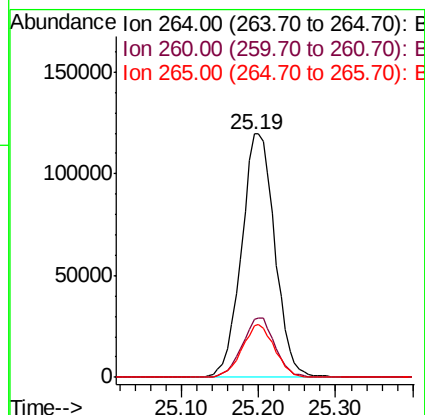
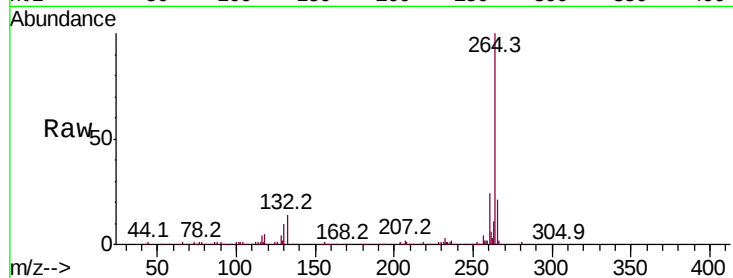




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

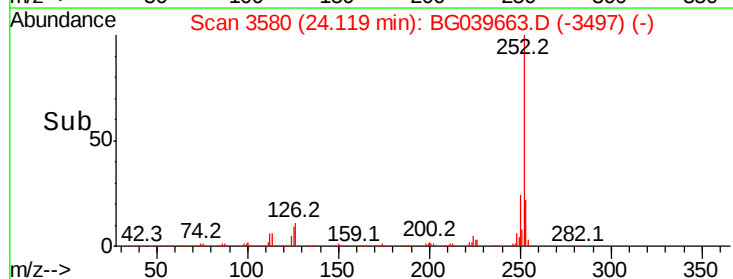
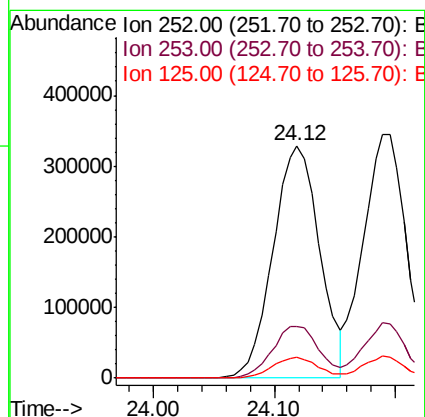
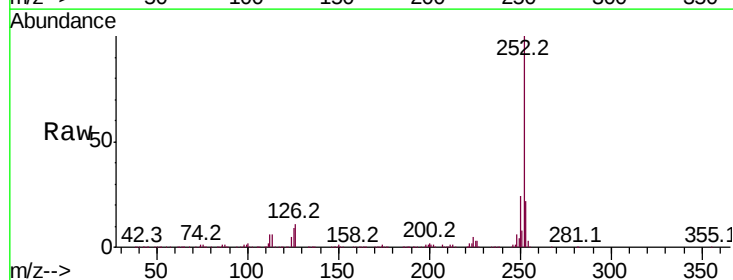
Instrument :
BNA_G
ClientSampleId :

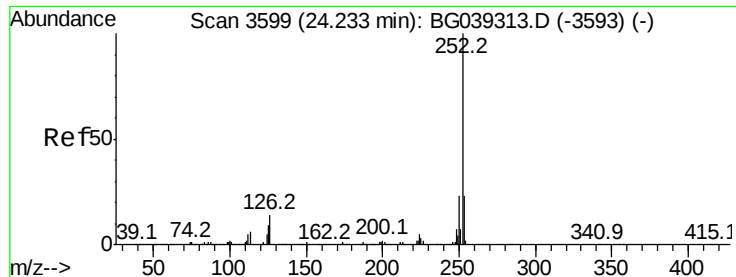
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.2	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 44.489 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.8	7.8	11.6

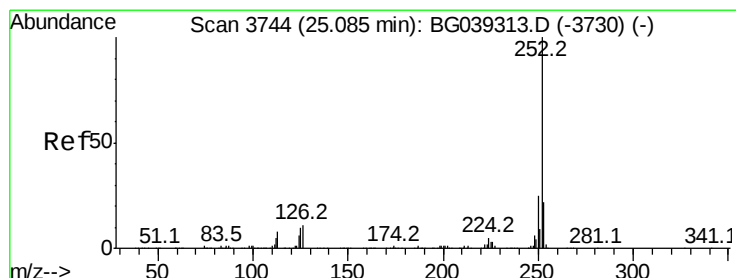
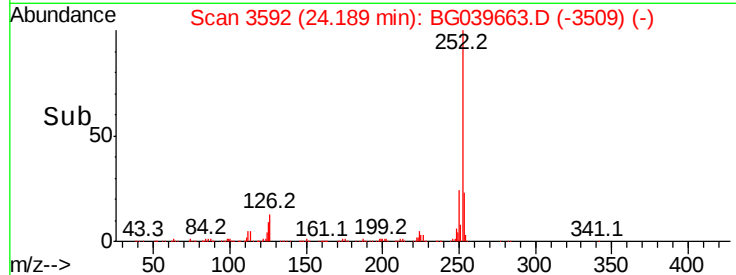
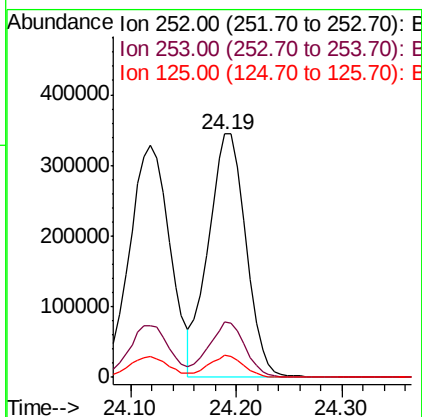
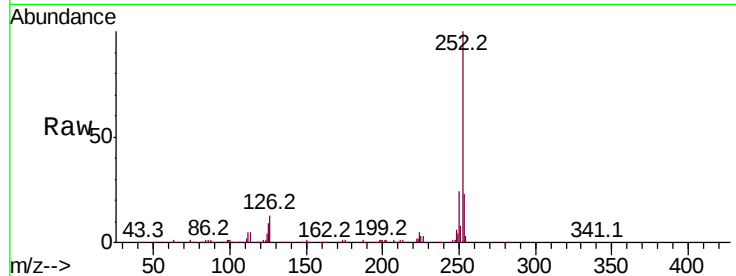




#89
Benzo(k)fluoranthene
Concen: 42.976 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

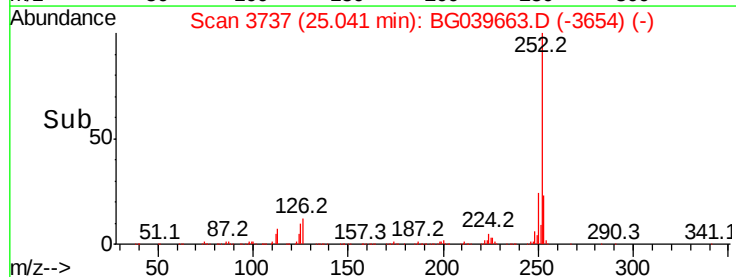
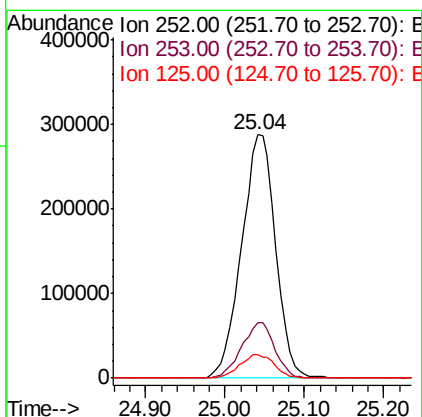
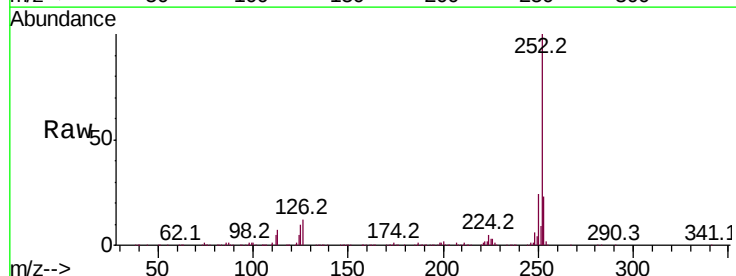
Instrument :
BNA_G
ClientSampleId :

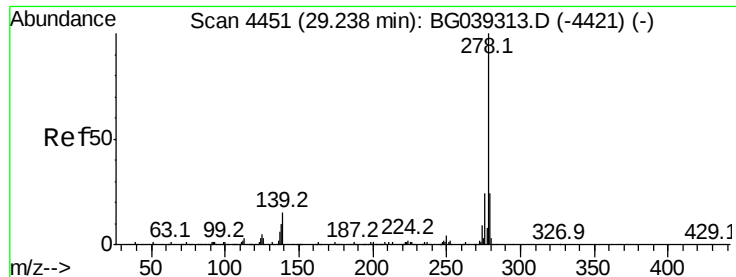
Tot Ion:252 Resp: 851790
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.104 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:252 Resp: 857535
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.700 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.08 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

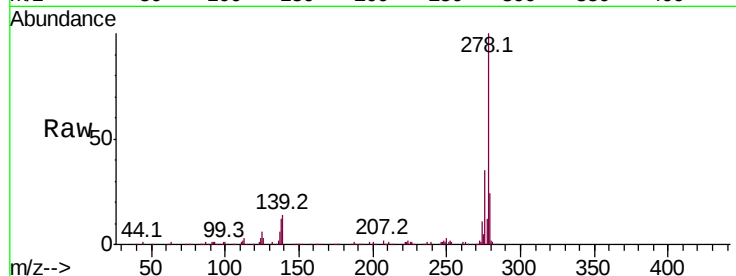
Tot Ion:278 Resp: 813685

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

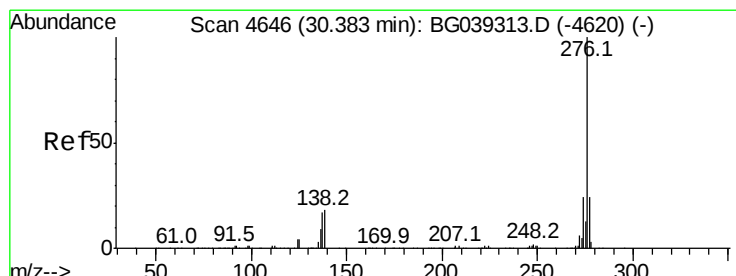
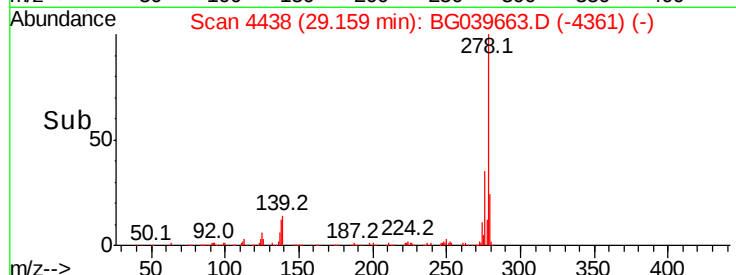
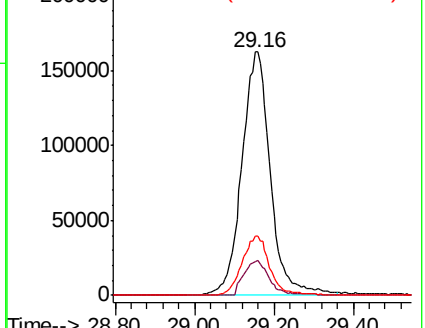
279 24.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.375 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

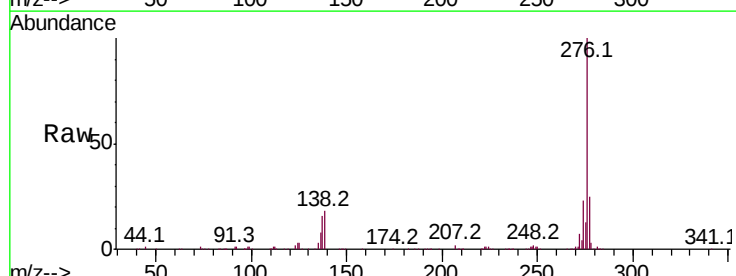
Tgt Ion:276 Resp: 805257

Ion Ratio Lower Upper

276 100

277 25.4 19.6 29.4

138 17.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

