

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039667.D
 Acq On : 28 Feb 2019 19:38
 Operator : JU/SJ
 Sample : K1628-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

Quant Time: Mar 01 12:48:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62505	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	285315	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	211133	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	447111	20.00	ng	0.00
76) Chrysene-d12	21.82	240	362962	20.00	ng	0.00
87) Perylene-d12	25.20	264	381869	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	546231	149.57	ng	0.00
7) Phenol-d6	7.32	99	823291	153.15	ng	0.00
23) Nitrobenzene-d5	9.35	82	499421	109.35	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	339713	149.42	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1251592	85.04	ng	0.00
79) Terphenyl-d14	20.13	244	1453456	84.76	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	50487	31.604 ng	91
3) Pyridine	4.00	79	154282	36.477 ng	96
4) n-Nitrosodimethylamine	3.92	42	85856	40.589 ng	87
6) Aniline	7.50	93	288477	42.842 ng	96
8) 2-Chlorophenol	7.72	128	198199	49.649 ng	98
9) Benzaldehyde	7.31	77	86176	29.793 ng	98
10) Phenol	7.34	94	287595	51.322 ng	99
11) bis(2-Chloroethyl)ether	7.58	93	191678	43.288 ng	96
12) 1,3-Dichlorobenzene	8.05	146	195520	40.430 ng	98
13) 1,4-Dichlorobenzene	8.20	146	200511	41.598 ng	98
14) 1,2-Dichlorobenzene	8.52	146	196940	42.205 ng	98
15) Benzyl Alcohol	8.41	79	201985	47.859 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	357866	35.788 ng	99
17) 2-Methylphenol	8.60	107	186429	51.410 ng	93
18) Hexachloroethane	9.25	117	72430	43.676 ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	169526	44.431 ng	89
20) 3+4-Methylphenols	8.93	107	258237	51.713 ng	97
22) Acetophenone	8.99	105	313655	40.926 ng	95
24) Nitrobenzene	9.39	77	244009	49.455 ng	97
25) Isophorone	9.90	82	489081	48.325 ng	96
26) 2-Nitrophenol	10.10	139	124250	59.592 ng	96
27) 2,4-Dimethylphenol	10.14	122	208390	50.900 ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	291772	46.805 ng	98
29) 2,4-Dichlorophenol	10.63	162	239166	53.451 ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	234272	46.635 ng	96
31) Naphthalene	11.04	128	659906	46.622 ng	99
33) 4-Chloroaniline	11.15	127	258767	39.429 ng	100
34) Hexachlorobutadiene	11.30	225	149323	44.696 ng	95
35) Caprolactam	11.94	113	84490	45.631 ng	90
36) 4-Chloro-3-methylphenol	12.25	107	265610	51.328 ng	99
37) 2-Methylnaphthalene	12.63	142	521832	49.777 ng	99
38) 1-Methylnaphthalene	12.85	142	500610	49.538 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	294584	43.852 ng	99
41) Hexachlorocyclopentadiene	12.96	237	347519	94.936 ng	98

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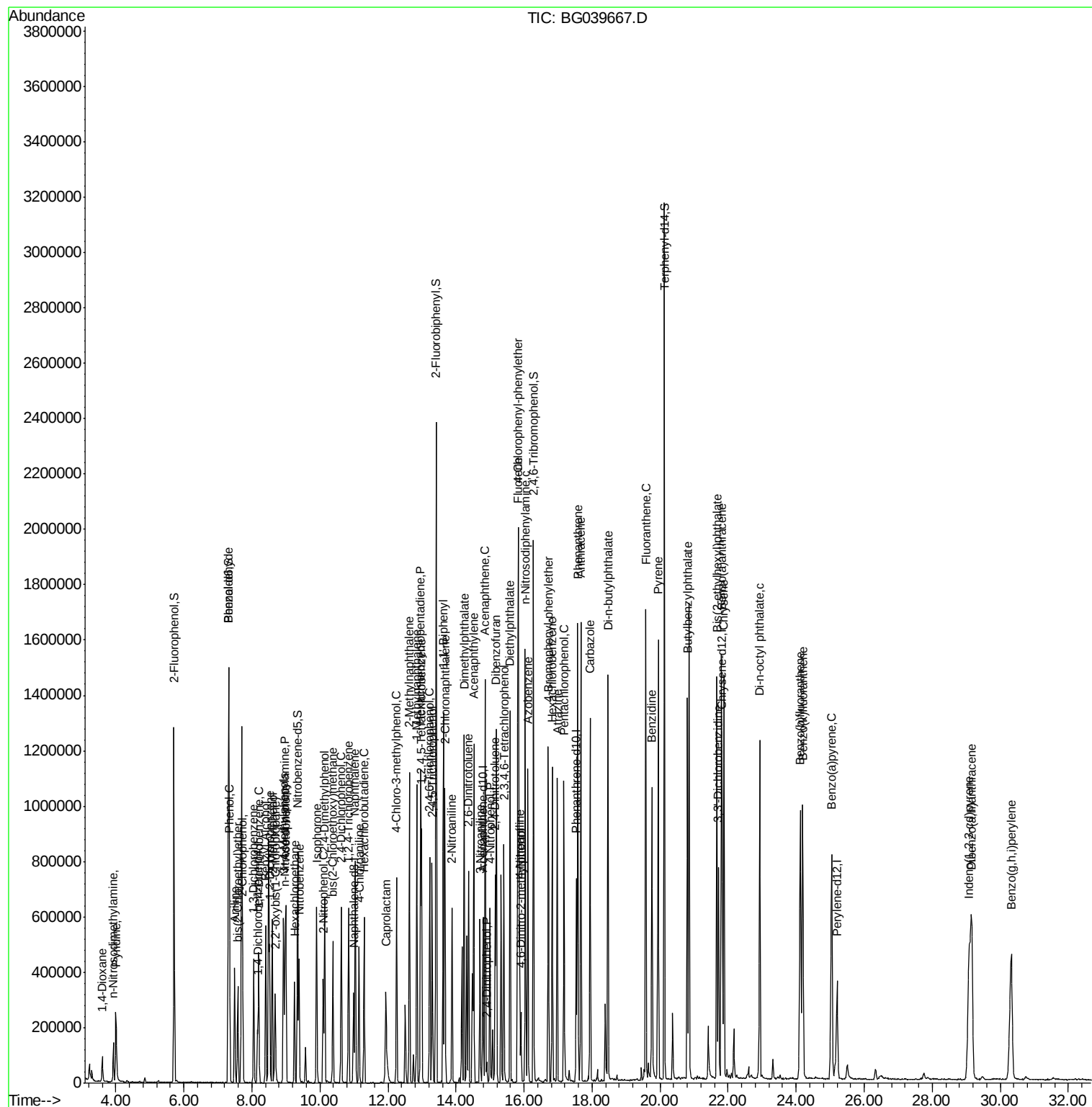
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	197637	47.850	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	222031	51.290	nq	98
46) 1,1'-Biphenyl	13.63	154	713446	40.613	nq	98
47) 2-Chloronaphthalene	13.68	162	557546	42.190	nq	98
48) 2-Nitroaniline	13.89	65	196480	51.107	nq	97
49) Acenaphthylene	14.52	152	899926	45.130	nq	98
50) Dimethylphthalate	14.24	163	821127	48.155	nq	99
51) 2,6-Dinitrotoluene	14.37	165	171628	53.054	nq	94
52) Acenaphthene	14.86	154	551647	42.619	nq	97
53) 3-Nitroaniline	14.70	138	147476	43.504	nq	# 91
54) 2,4-Dinitrophenol	14.90	184	18125	20.938	nq	91
55) Dibenzofuran	15.19	168	893917	43.074	nq	98
56) 4-Nitrophenol	15.00	139	171502	57.391	nq	88
57) 2,4-Dinitrotoluene	15.16	165	236655	56.346	nq	# 83
58) Fluorene	15.84	166	699612	45.222	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195190	48.156	nq	96
60) Diethylphthalate	15.59	149	759369	43.071	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	385963	44.060	nq	98
62) 4-Nitroaniline	15.87	138	161369	45.380	nq	96
63) Azobenzene	16.11	77	671797	38.985	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	59207	37.201	nq	98
66) n-Nitrosodiphenylamine	16.04	169	643093	47.303	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	249703	50.341	nq	93
68) Hexachlorobenzene	16.83	284	250227	50.281	nq	95
69) Atrazine	16.98	200	211193	42.509	nq	97
70) Pentachlorophenol	17.18	266	219338	63.414	nq	100
71) Phenanthrene	17.58	178	1053014	45.504	nq	97
72) Anthracene	17.67	178	1052936	46.193	nq	97
73) Carbazole	17.94	167	863407	37.955	nq	99
74) Di-n-butylphthalate	18.47	149	1035782	39.029	nq	99
75) Fluoranthene	19.58	202	1067302	39.736	nq	99
77) Benzidine	19.76	184	650685	54.680	nq	99
78) Pyrene	19.94	202	1042023	46.117	nq	98
80) Butylbenzylphthalate	20.81	149	443433	46.523	nq	94
81) Benzo(a)anthracene	21.81	228	1019265	47.524	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	279162	35.104	nq	98
83) Chrysene	21.88	228	953985	46.726	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	623456	45.849	nq	99
85) Di-n-octyl phthalate	22.93	149	1076715	47.928	nq	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1170908	53.454	nq	98
88) Benzo(b)fluoranthene	24.12	252	1020371	48.996	nq	99
89) Benzo(k)fluoranthene	24.19	252	977272	46.741	nq	99
90) Benzo(a)pyrene	25.04	252	994367	49.578	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	956393	50.918	nq	99
92) Benzo(g,h,i)perylene	30.32	276	973050	51.975	nq	97

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

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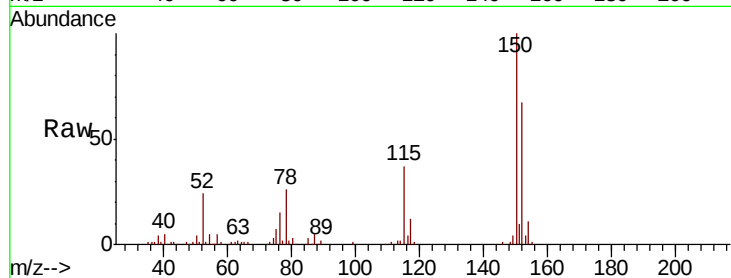


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.7	185.5
115	55.0	45.9	68.9

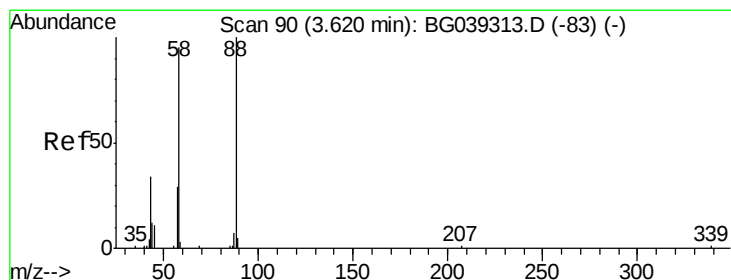
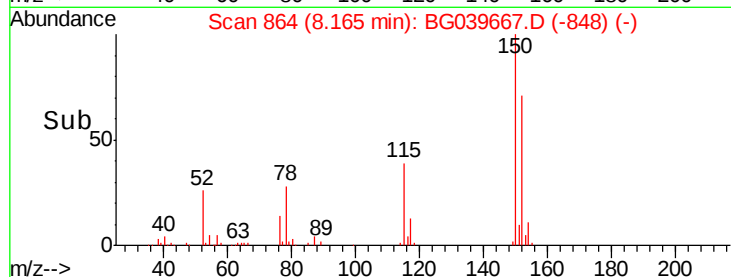
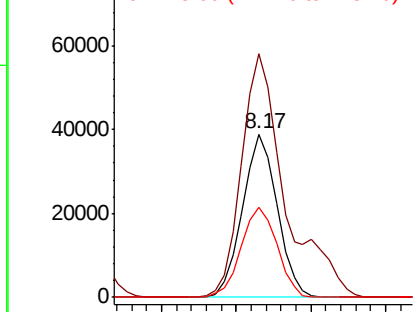


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

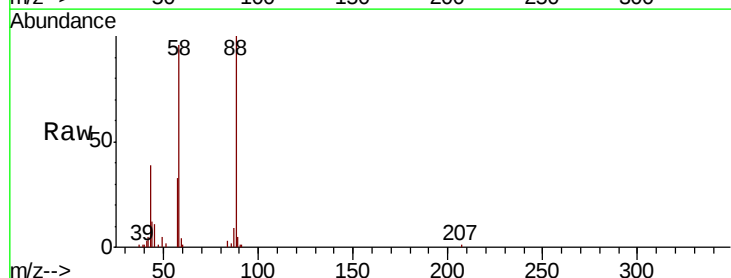
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.604 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	81.1	121.7
43	36.0	31.4	47.0

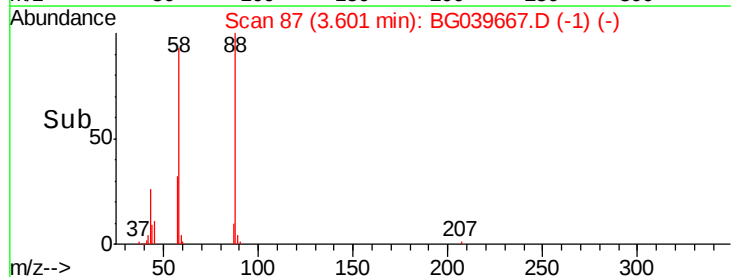
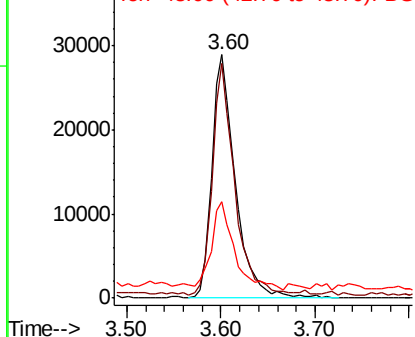


Abundance

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: 36.477 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

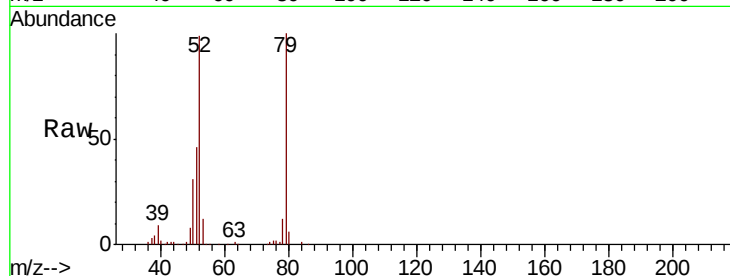
Tot Ion: 79 Resp: 154282

Ion Ratio Lower Upper

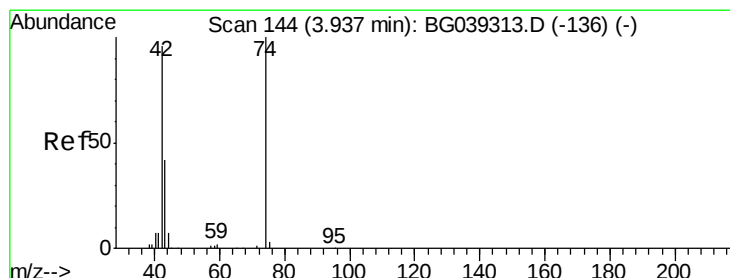
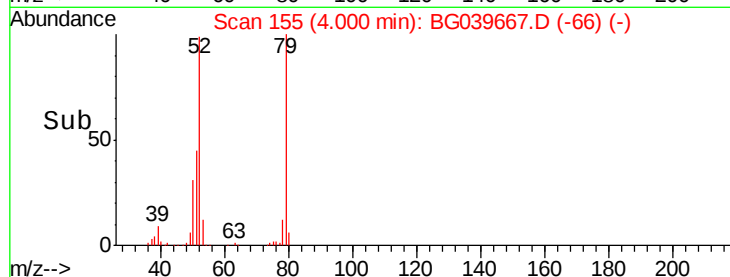
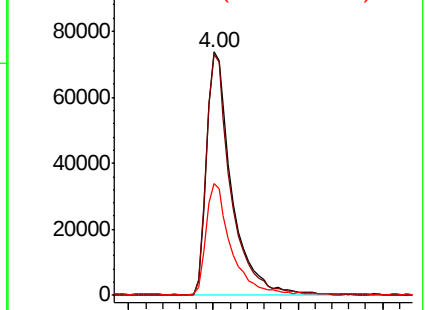
79 100

52 98.8 82.6 124.0

51 45.9 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: 40.589 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

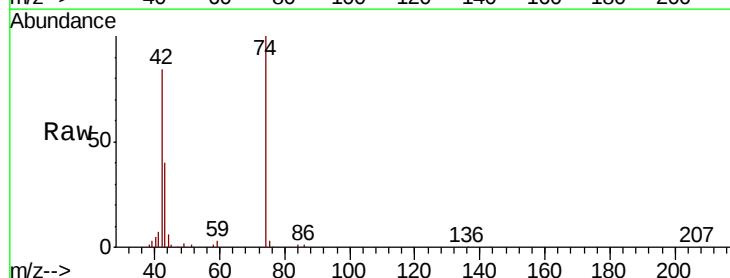
Tgt Ion: 42 Resp: 85856

Ion Ratio Lower Upper

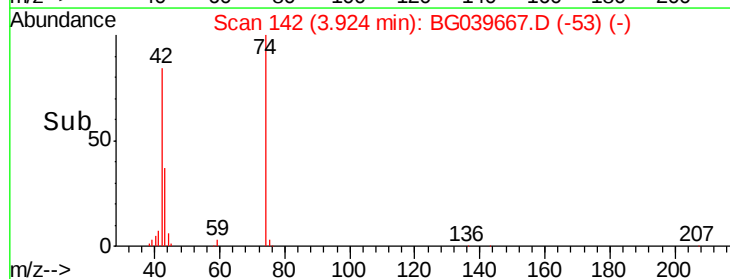
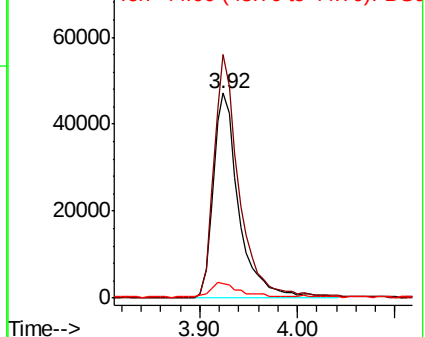
42 100

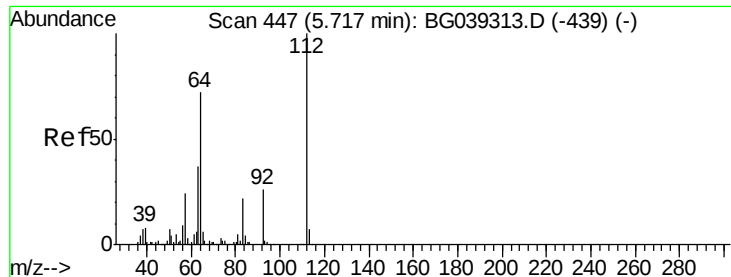
74 118.7 83.6 125.4

44 7.3 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: 149.569 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.00 min

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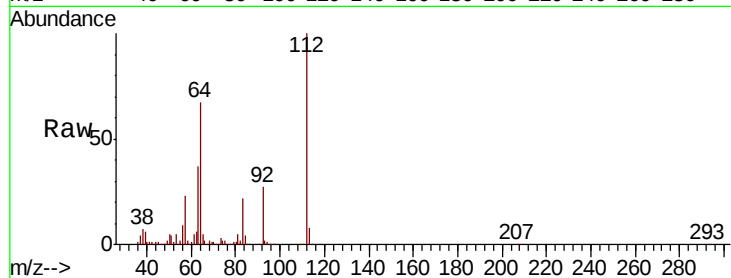
Tot Ion:112 Resp: 546231

Ion Ratio Lower Upper

112 100

64 67.3 57.8 86.8

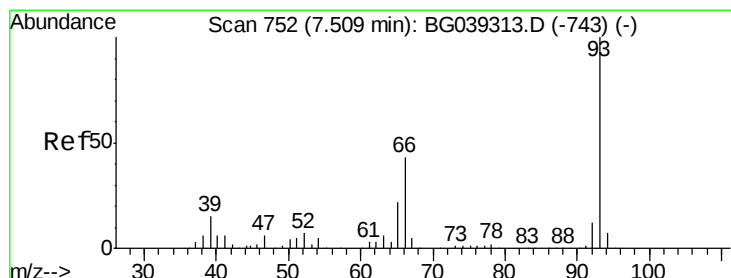
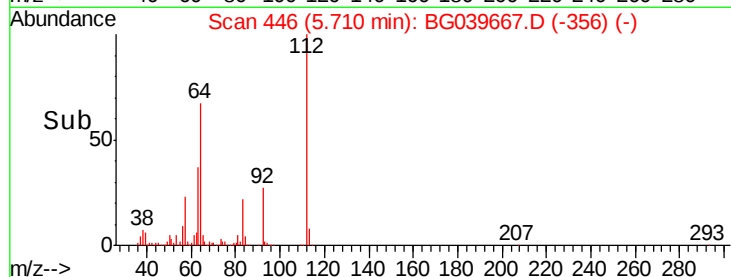
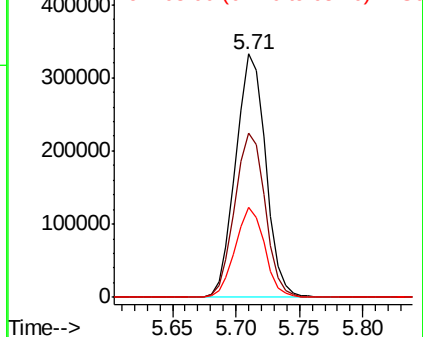
63 36.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.842 ng

RT: 7.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

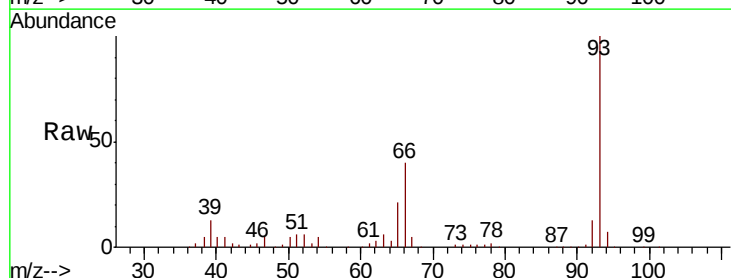
Tgt Ion: 93 Resp: 288477

Ion Ratio Lower Upper

93 100

66 39.8 34.2 51.4

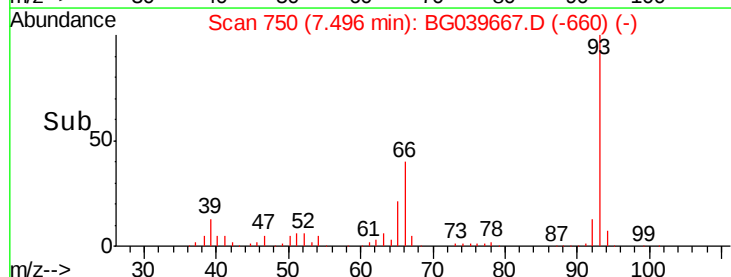
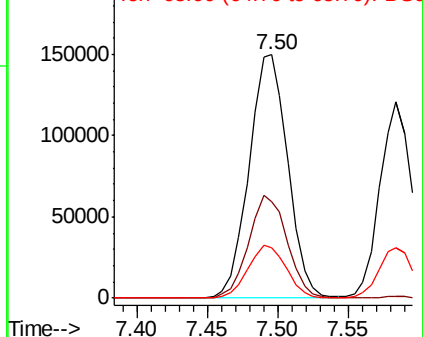
65 20.7 17.7 26.5



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: 153.150 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

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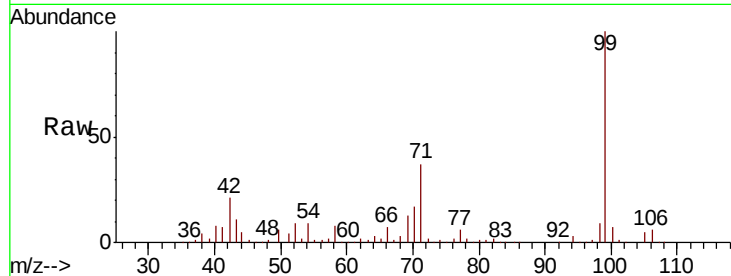
Tot Ion: 99 Resp: 823291

Ion Ratio Lower Upper

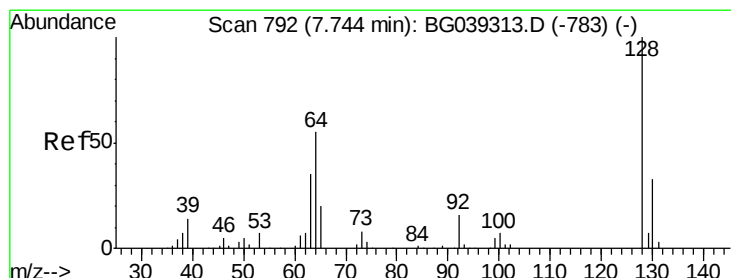
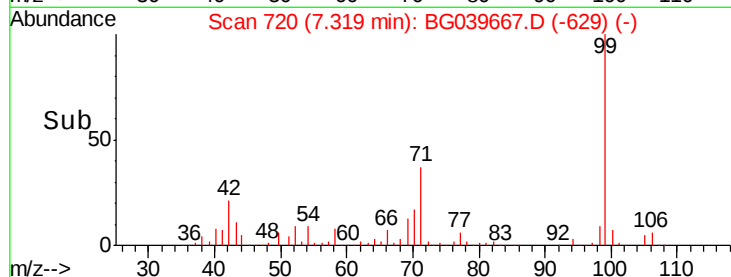
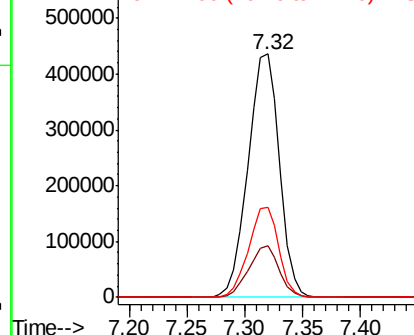
99 100

42 21.1 18.2 27.2

71 37.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 49.649 ng

RT: 7.72 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

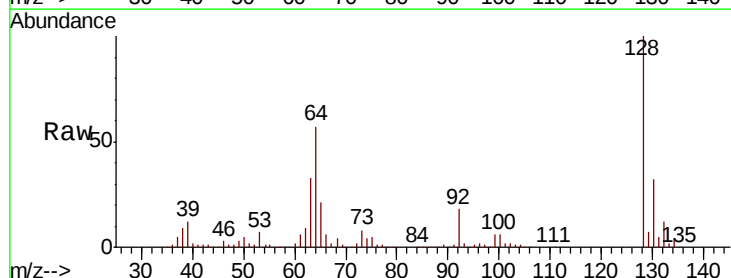
Tgt Ion: 128 Resp: 198199

Ion Ratio Lower Upper

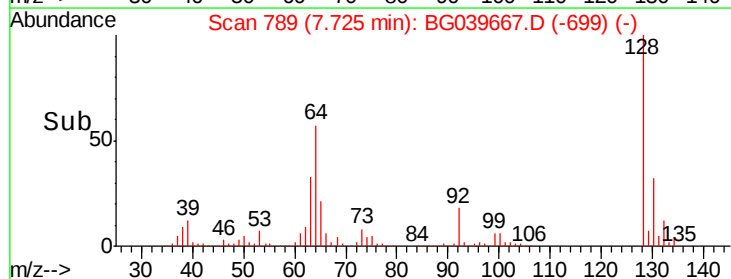
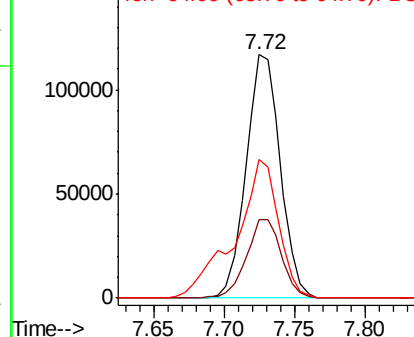
128 100

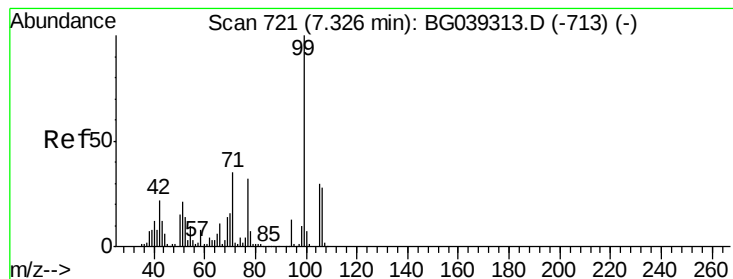
130 32.4 12.9 52.9

64 56.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.793 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

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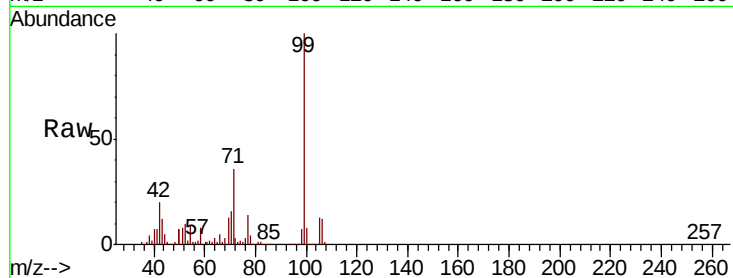
Tot Ion: 77 Resp: 86176

Ion Ratio Lower Upper

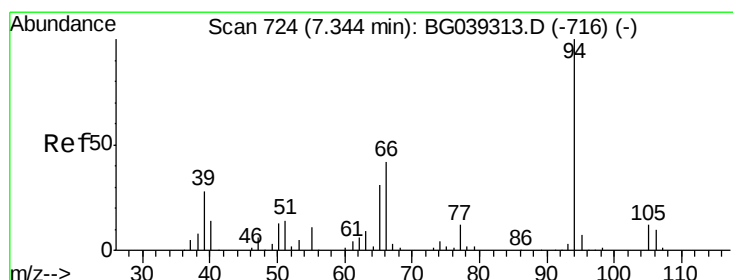
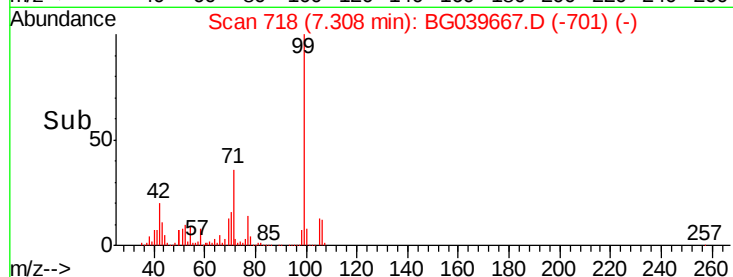
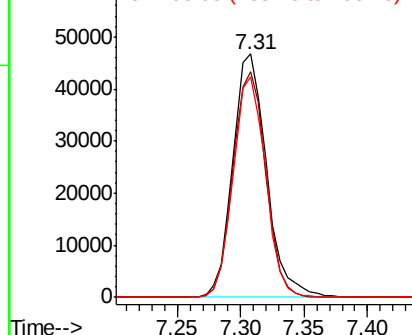
77 100

105 92.8 74.5 114.5

106 90.7 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: 51.322 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

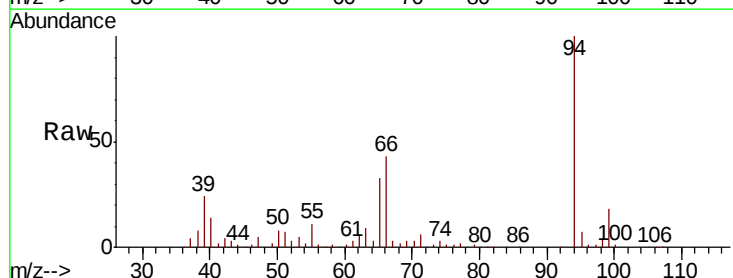
Tgt Ion: 94 Resp: 287595

Ion Ratio Lower Upper

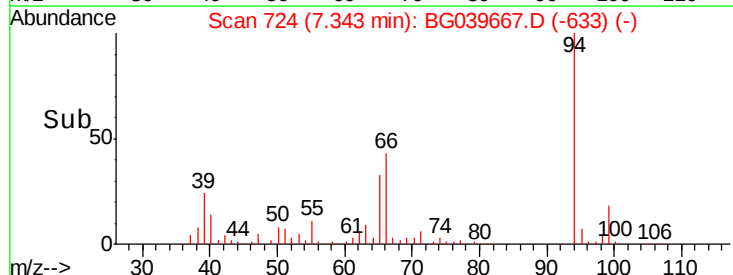
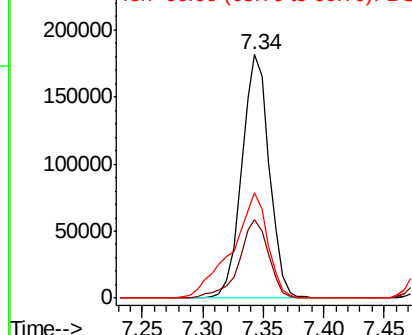
94 100

65 32.5 11.7 51.7

66 43.2 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

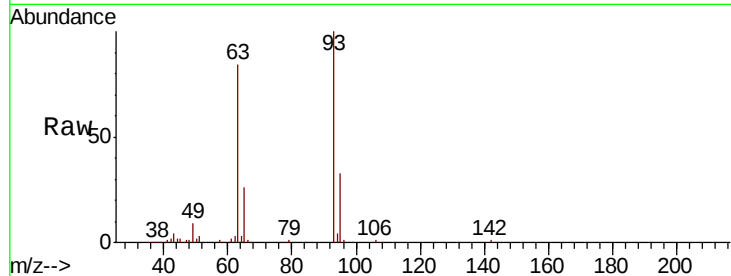




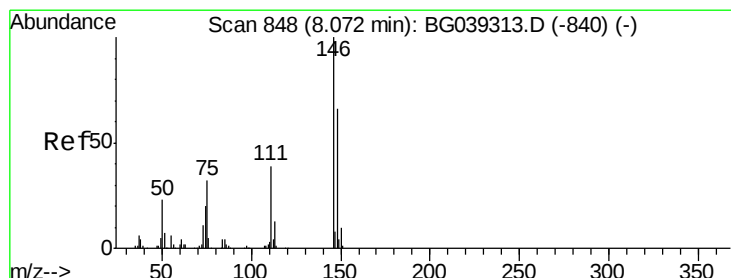
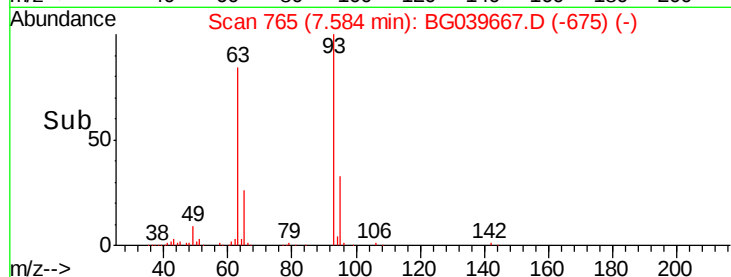
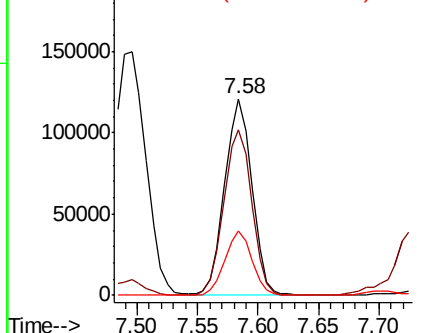
#11
 bis(2-Chloroethyl)ether
 Concen: 43.288 ng
 RT: 7.58 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

Tot Ion: 93 Resp: 191678
 Ion Ratio Lower Upper
 93 100
 63 84.0 69.5 109.5
 95 32.6 12.7 52.7

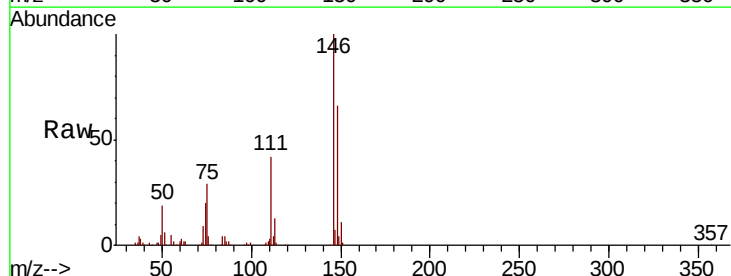


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

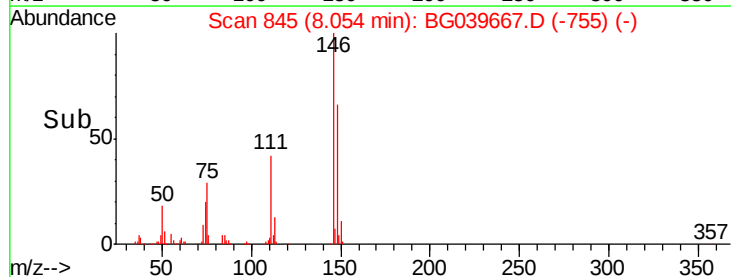
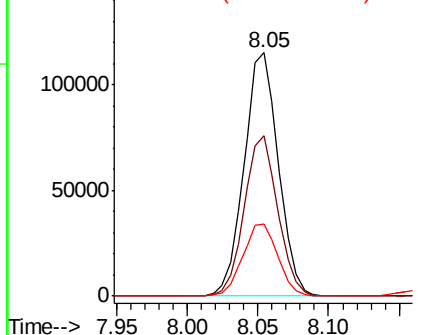


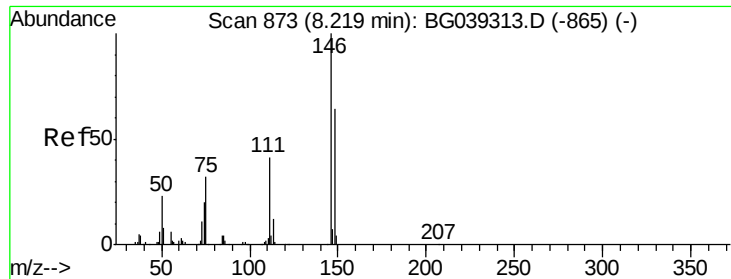
#12
 1,3-Dichlorobenzene
 Concen: 40.430 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion: 146 Resp: 195520
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 75 29.5 25.8 38.6



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

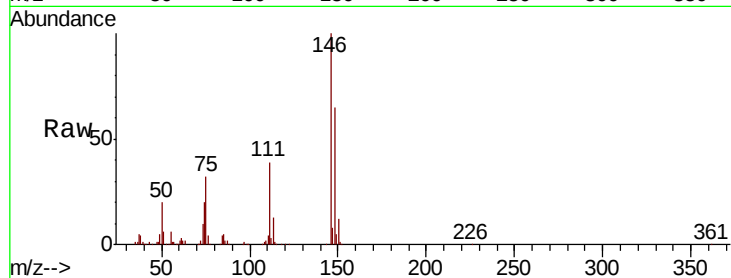




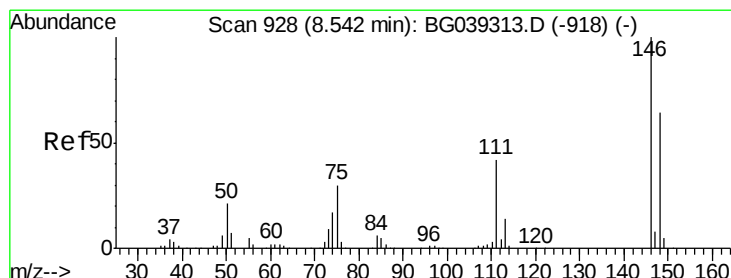
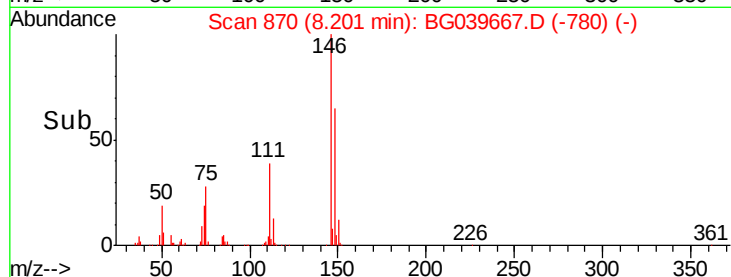
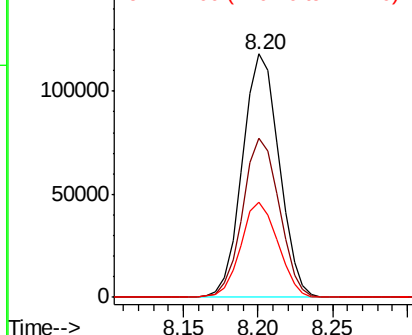
#13
1,4-Dichlorobenzene
Concen: 41.598 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion:146 Resp: 200511
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 39.1 32.6 48.8

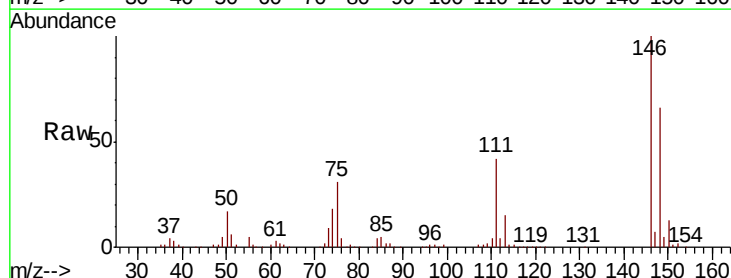


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

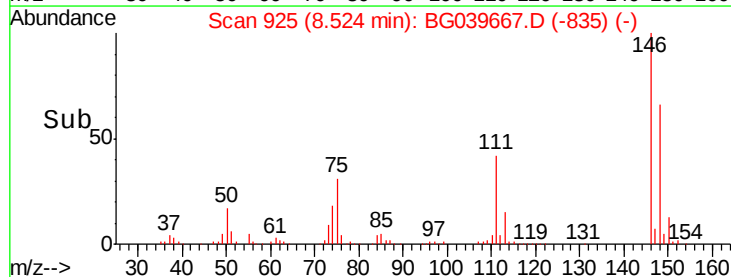
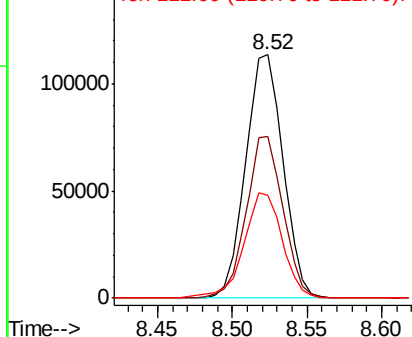


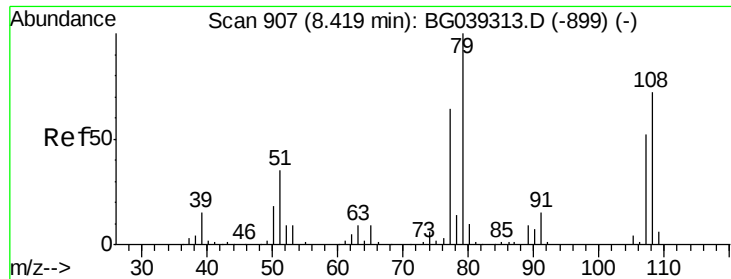
#14
1,2-Dichlorobenzene
Concen: 42.205 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:146 Resp: 196940
Ion Ratio Lower Upper
146 100
148 66.3 51.5 77.3
111 42.4 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: 47.859 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

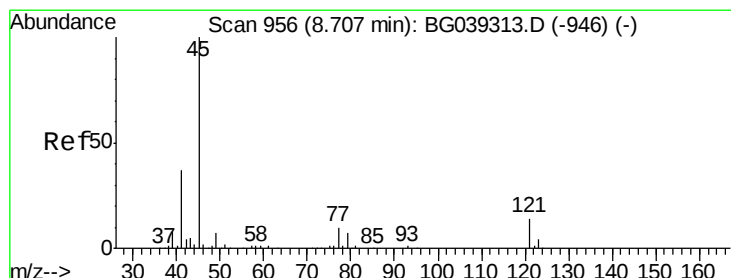
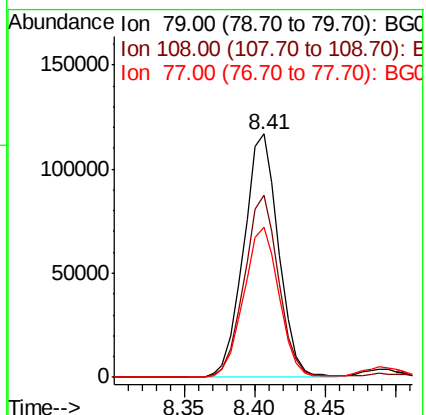
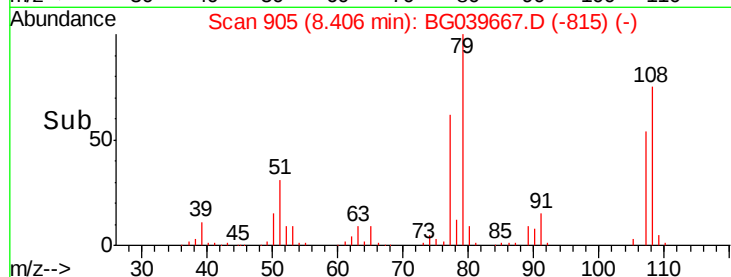
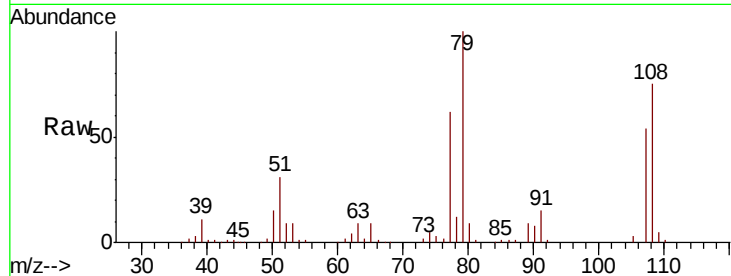
Tot Ion: 79 Resp: 201985

Ion Ratio Lower Upper

79 100

108 74.8 57.8 86.6

77 61.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.788 ng

RT: 8.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

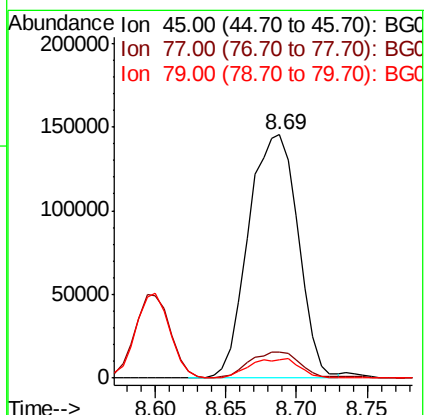
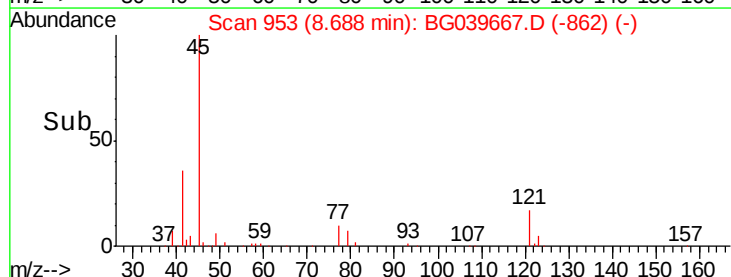
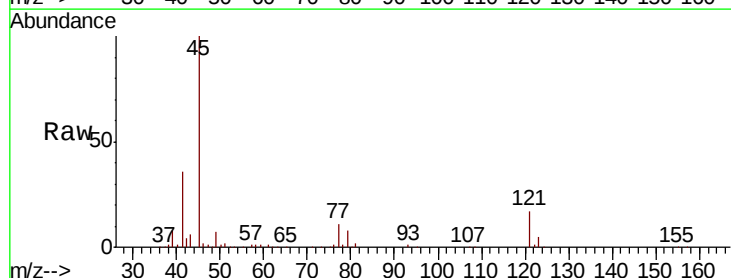
Tgt Ion: 45 Resp: 357866

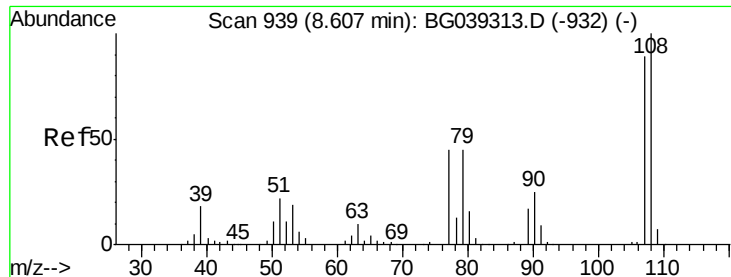
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 7.7 0.0 27.5

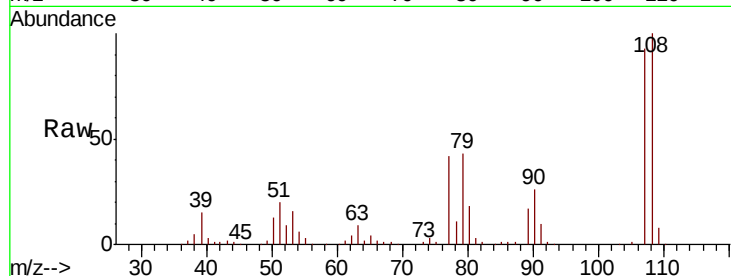




#17
2-Methylphenol
Concen: 51.410 ng
RT: 8.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion:	107	Resp:	186429
Ion	Ratio	Lower	Upper
107	100		
108	107.1	90.8	136.2
77	45.3	40.7	61.1
79	46.3	40.6	60.8



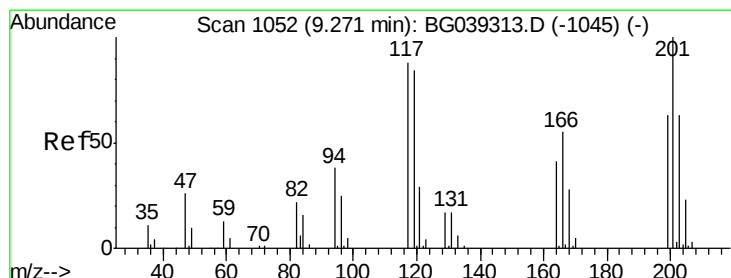
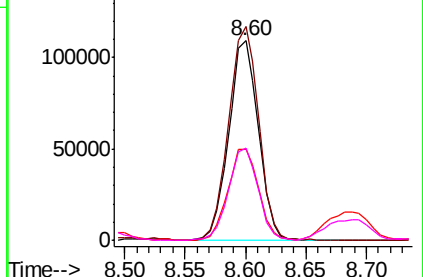
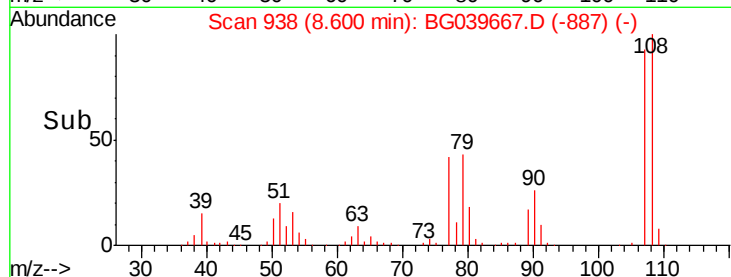
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

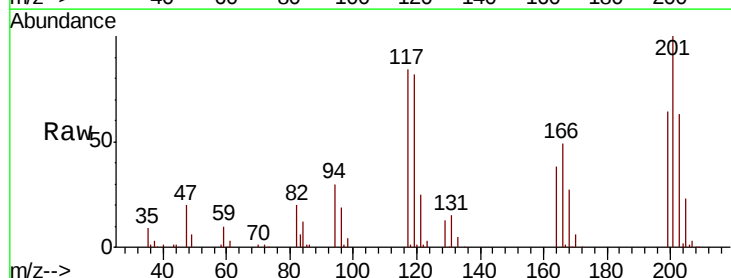
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.676 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:	117	Resp:	72430
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.3	114.5
201	119.5	91.1	136.7

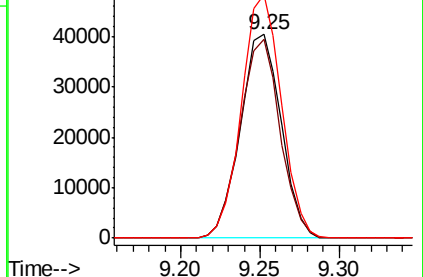
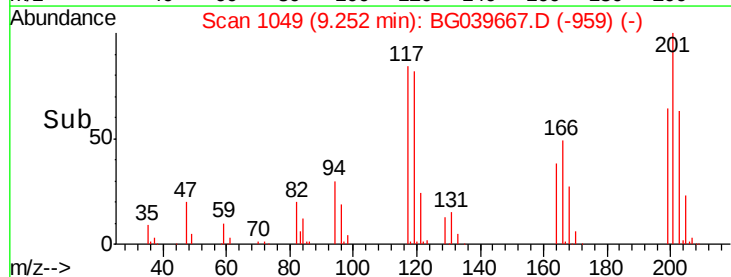


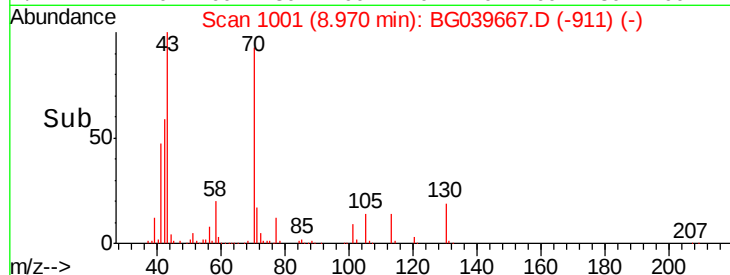
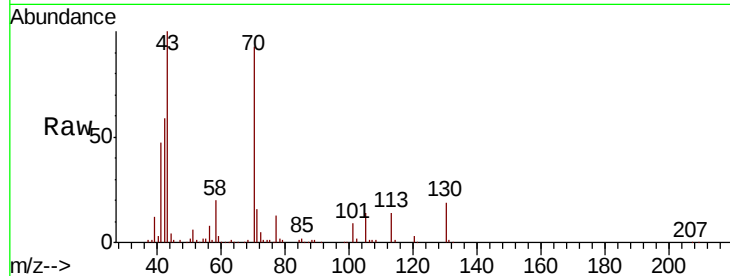
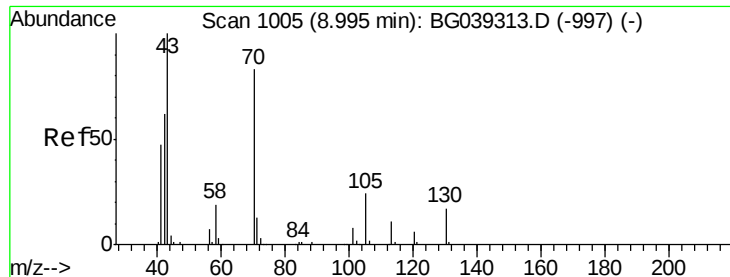
Abundance

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

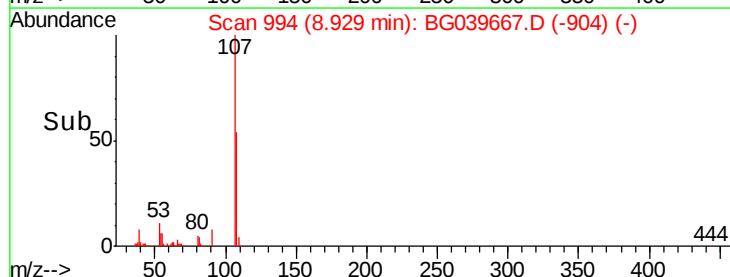
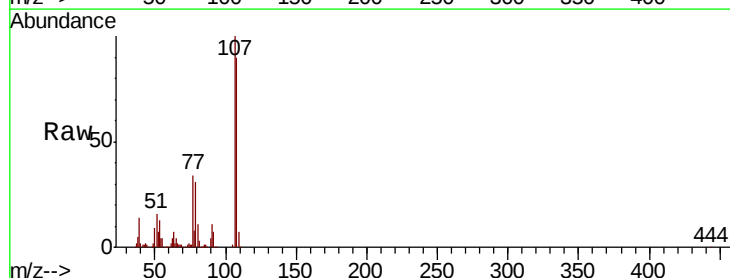
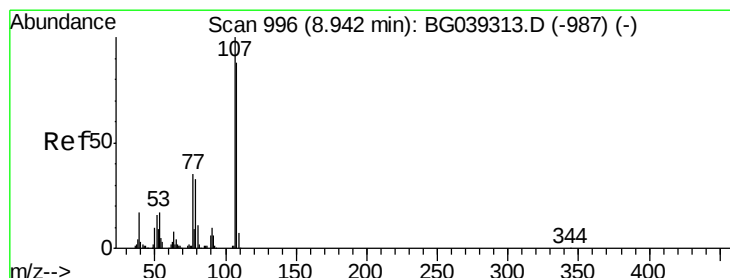
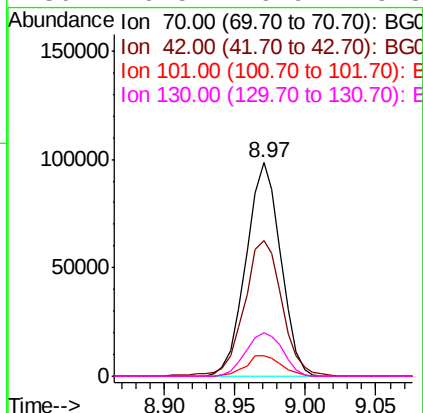




#19
n-Nitroso-di-n-propylamine
Concen: 44.431 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

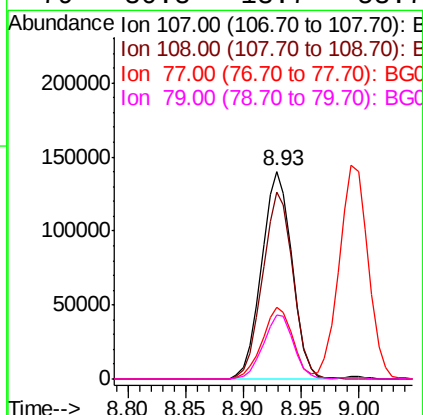
Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

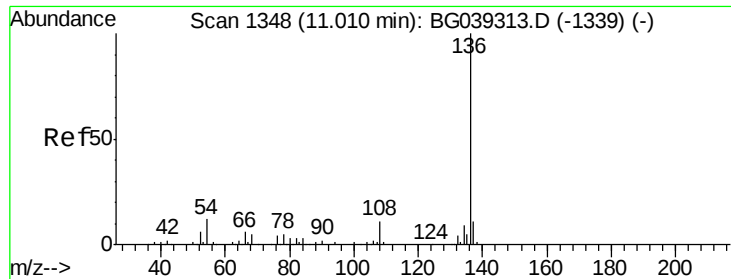
Tot Ion:	70	Resp:	169526
Ion	Ratio	Lower	Upper
70	100		
42	63.3	60.4	90.6
101	9.9	7.5	11.3
130	20.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 51.713 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:	107	Resp:	258237
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.9	107.9
77	34.3	15.4	55.4
79	30.8	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

Tot Ion:136 Resp: 285315

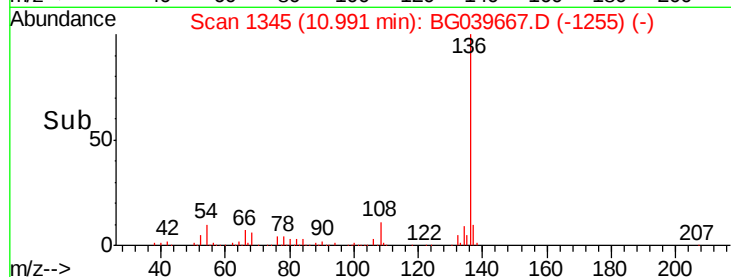
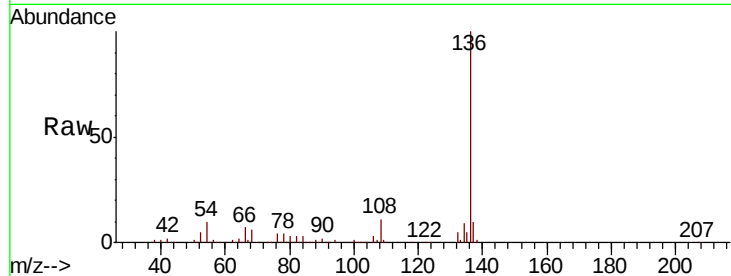
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 10.1 9.4 14.2

68 5.8 4.2 6.4

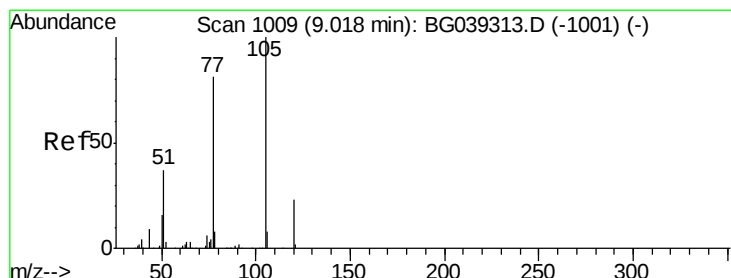
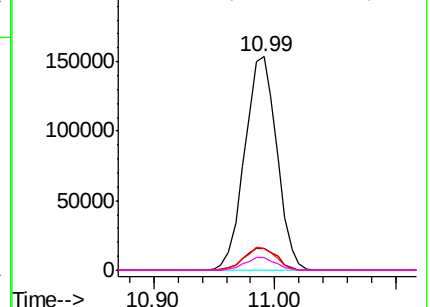


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.926 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:105 Resp: 313655

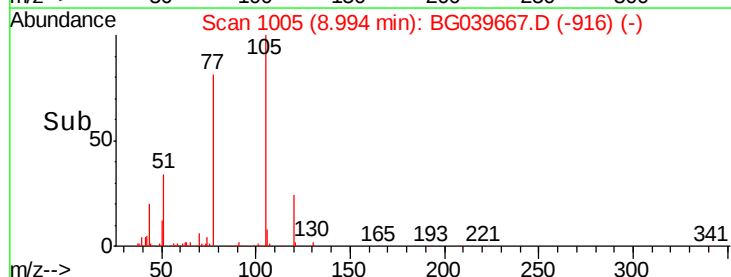
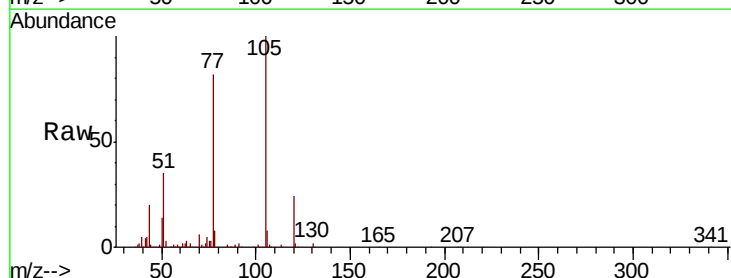
Ion Ratio Lower Upper

105 100

71 1.1 0.8 1.2

51 34.7 30.2 45.2

120 24.4 18.0 27.0

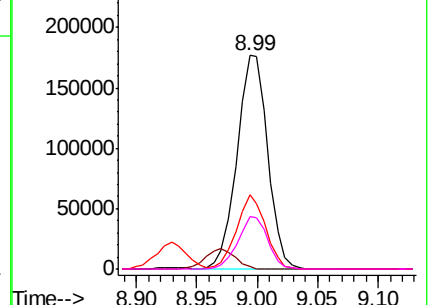


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

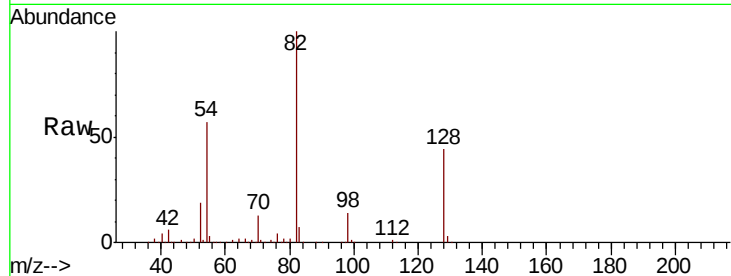




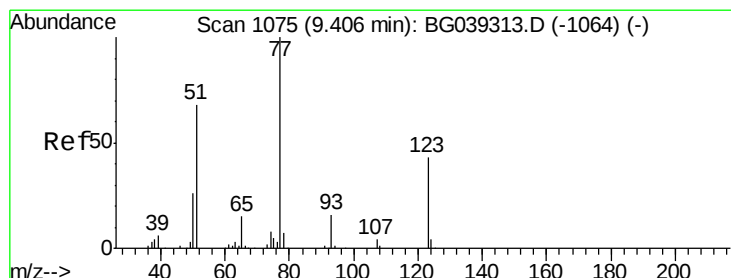
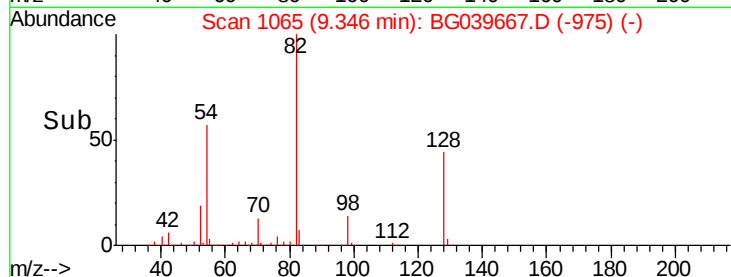
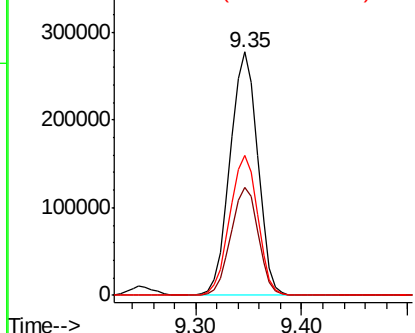
#23
 Nitrobenzene-d5
 Concen: 109.351 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

Tot Ion: 82 Resp: 499421
 Ion Ratio Lower Upper
 82 100
 128 44.1 31.3 46.9
 54 57.2 50.9 76.3

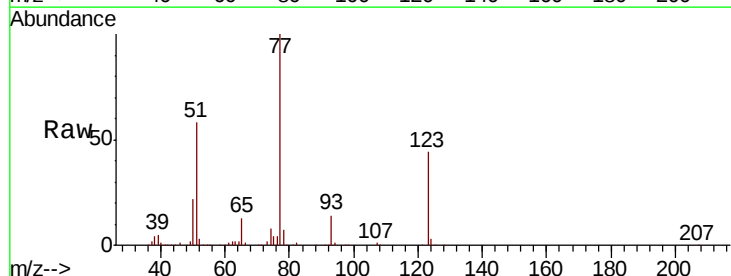


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

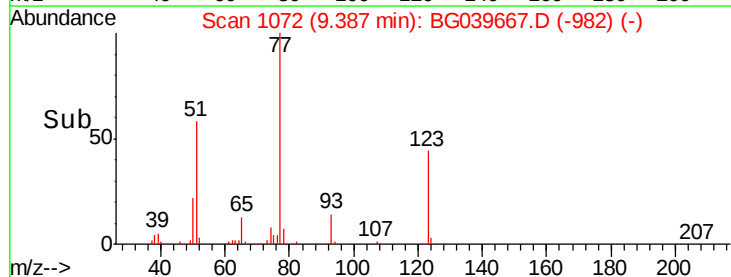
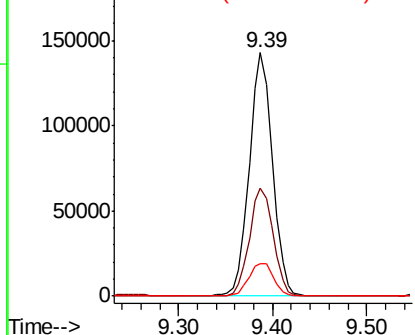


#24
 Nitrobenzene
 Concen: 49.455 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion: 77 Resp: 244009
 Ion Ratio Lower Upper
 77 100
 123 44.3 34.1 51.1
 65 13.1 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: 48.325 ng

RT: 9.90 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

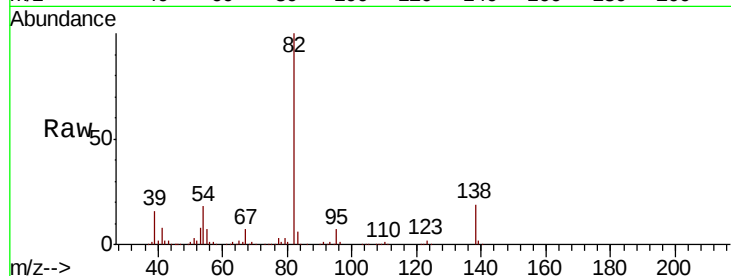
Tot Ion: 82 Resp: 489081

Ion Ratio Lower Upper

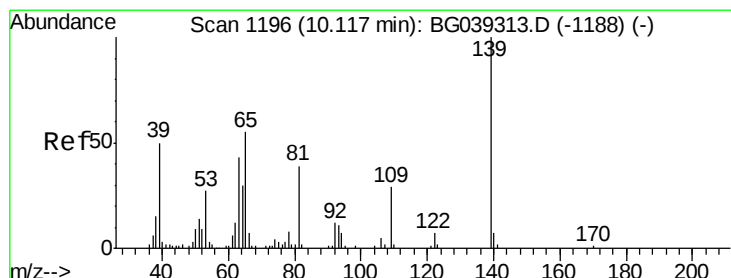
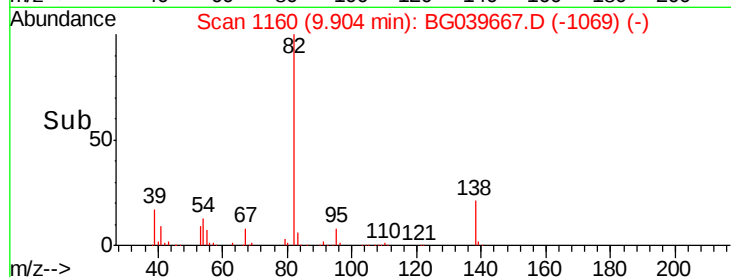
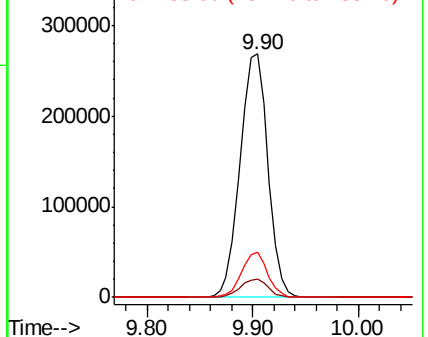
82 100

95 7.4 6.2 9.2

138 18.6 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: 59.592 ng

RT: 10.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

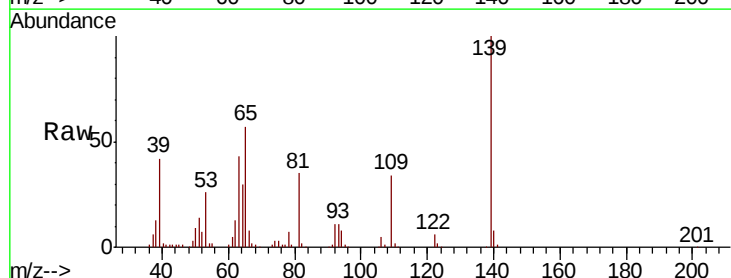
Tgt Ion: 139 Resp: 124250

Ion Ratio Lower Upper

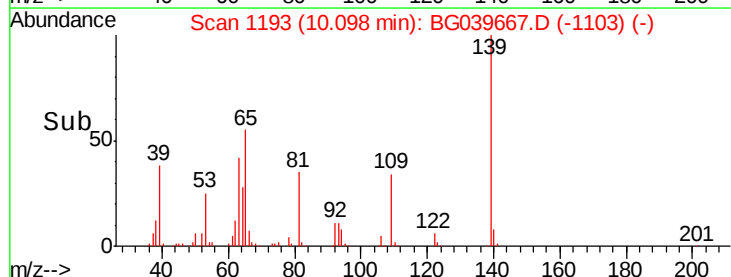
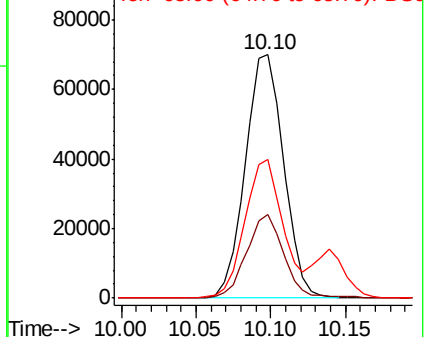
139 100

109 34.1 23.4 35.0

65 56.8 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

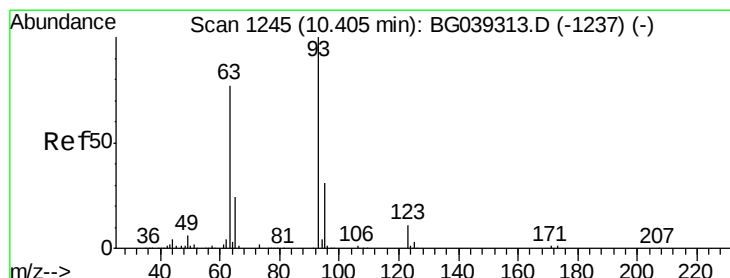
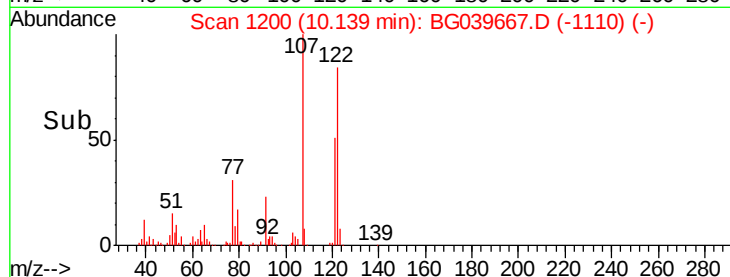
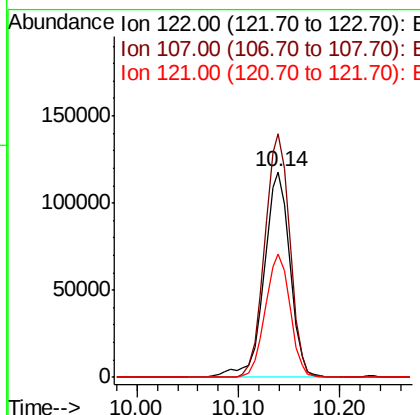
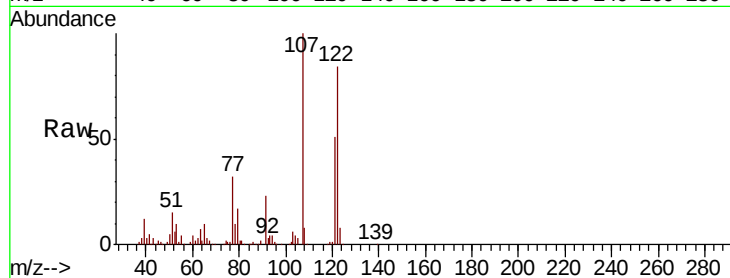




#27
2,4-Dimethylphenol
Concen: 50.900 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

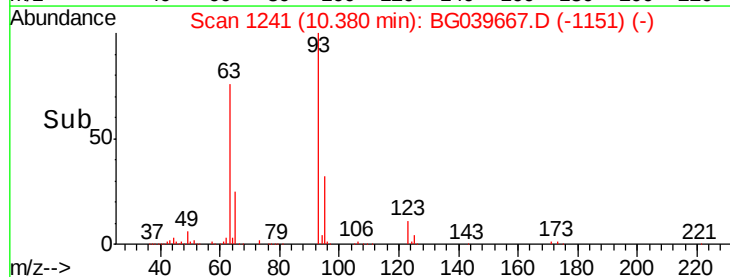
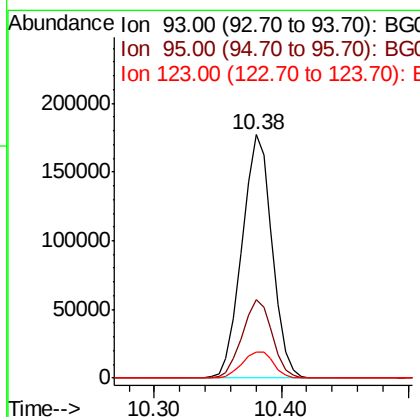
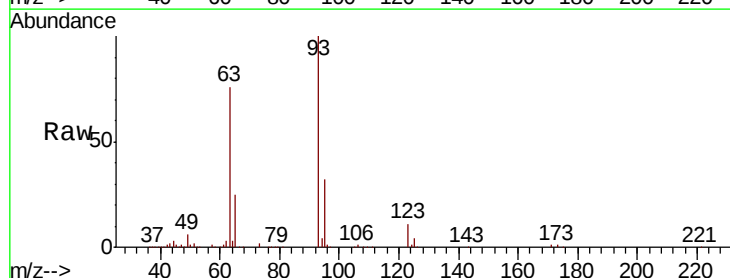
Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

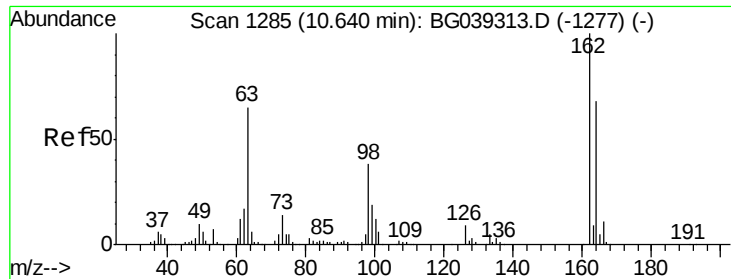
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	91.7	137.5
121	60.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.805 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.0	37.4
123	10.6	8.6	12.8

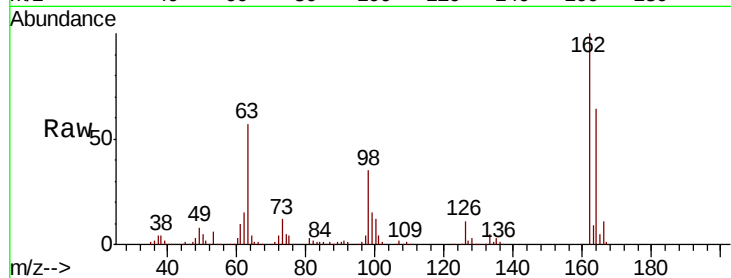




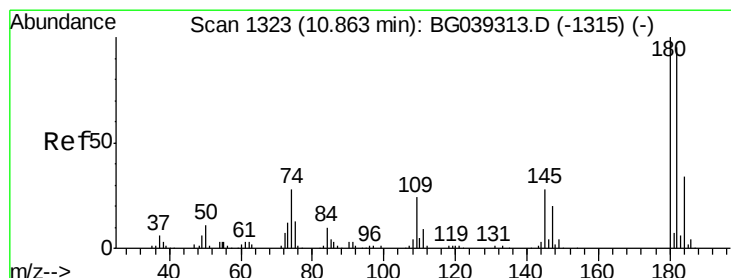
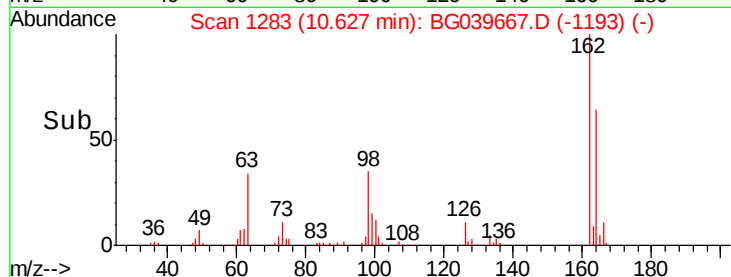
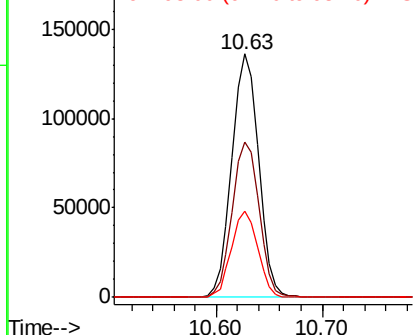
#29
2,4-Dichlorophenol
Concen: 53.451 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.1	88.1
98	35.5	18.1	58.1

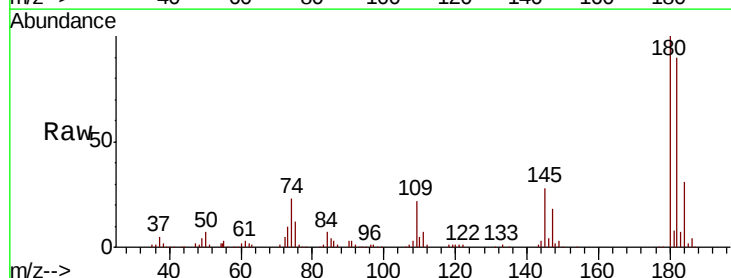


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

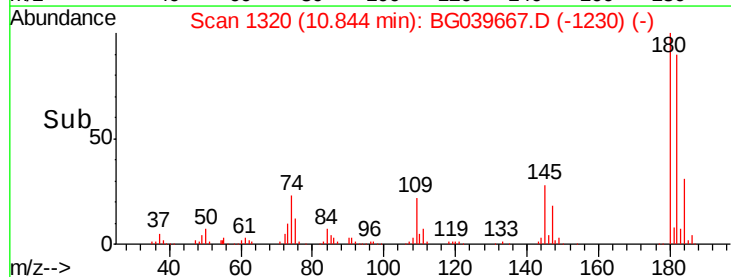
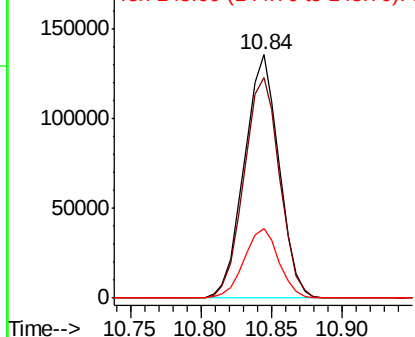


#30
1,2,4-Trichlorobenzene
Concen: 46.635 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.0	114.0
145	28.3	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

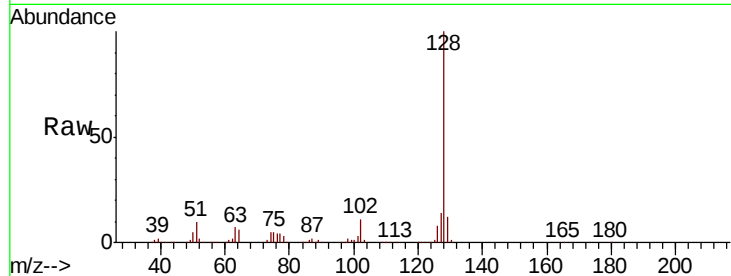




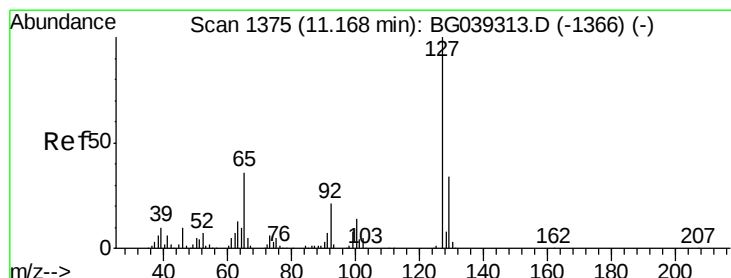
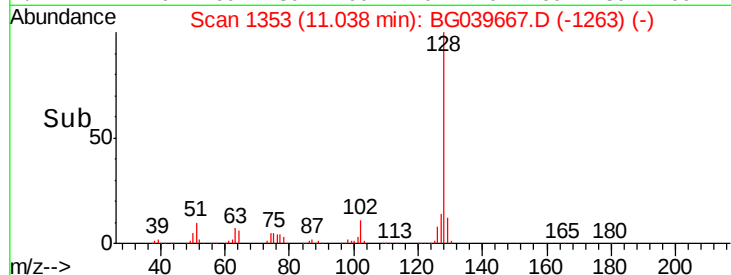
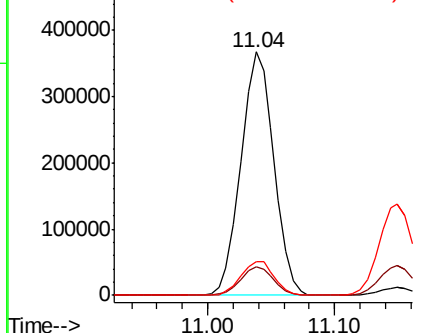
#31
Naphthalene
Concen: 46.622 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion:128 Resp: 659906
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 13.6 10.8 16.2

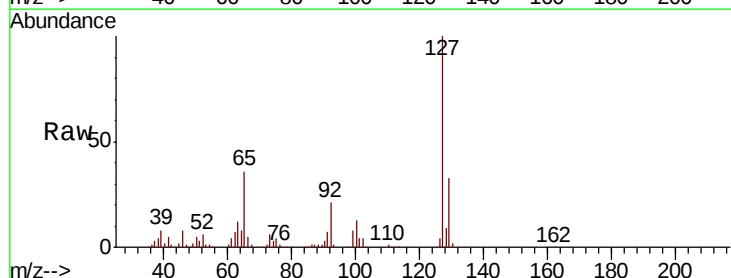


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

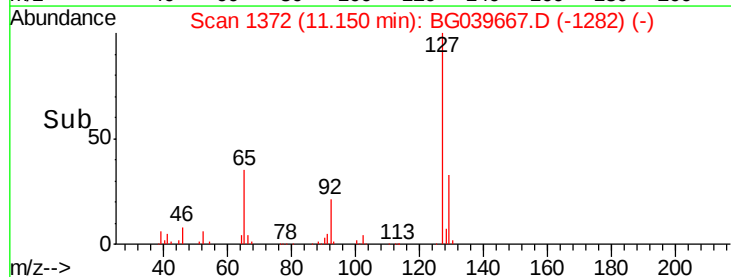
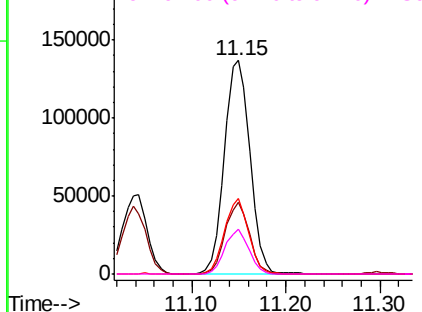


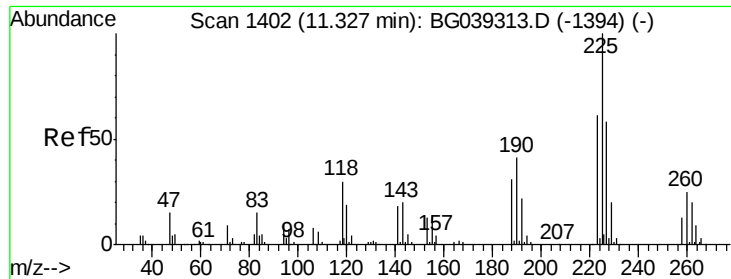
#33
4-Chloroaniline
Concen: 39.429 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:127 Resp: 258767
Ion Ratio Lower Upper
127 100
129 33.5 27.0 40.4
65 35.6 28.8 43.2
92 20.9 16.6 25.0



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

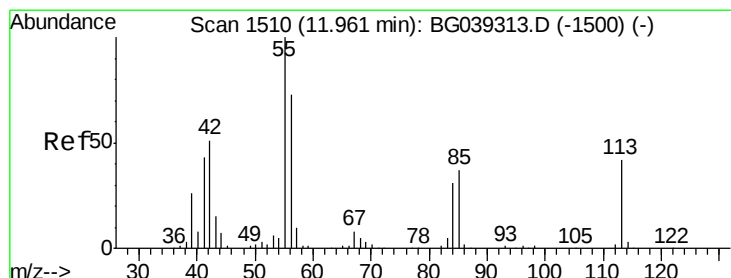
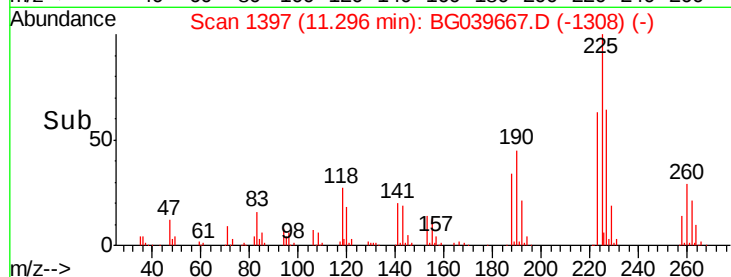
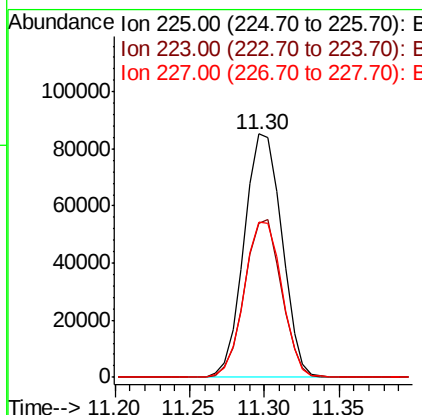
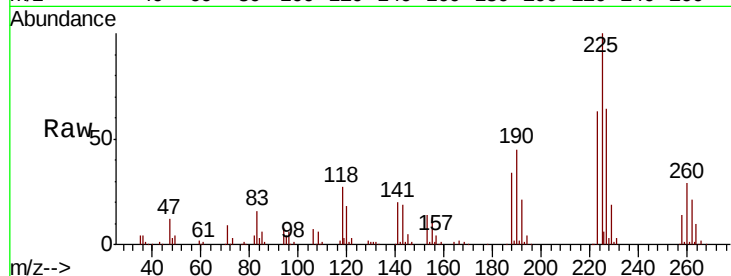




#34
Hexachlorobutadiene
Concen: 44.696 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

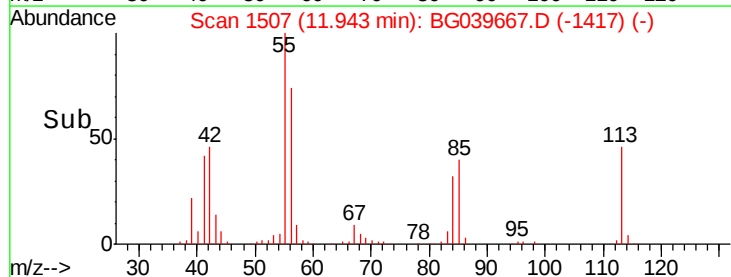
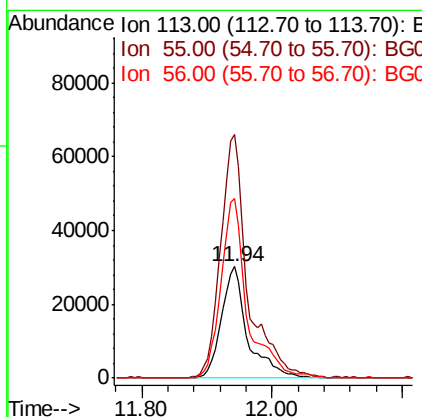
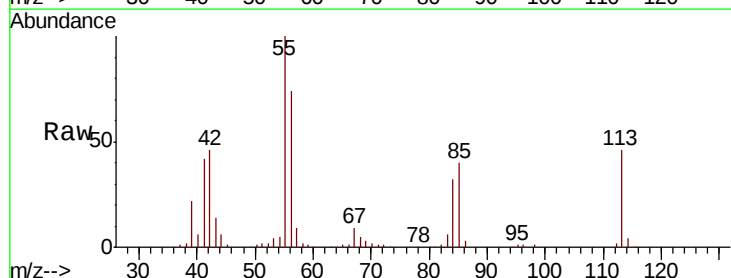
Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

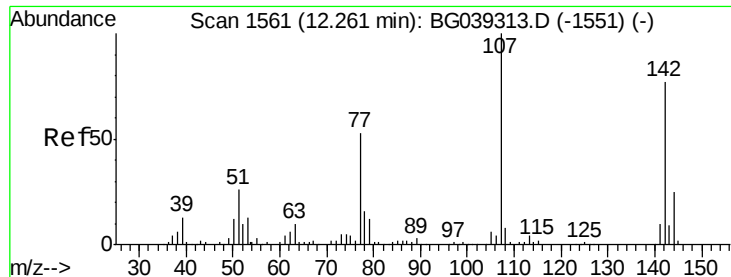
Tot Ion:225 Resp: 149323
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 63.8 46.3 69.5



#35
Caprolactam
Concen: 45.631 ng
RT: 11.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:113 Resp: 84490
Ion Ratio Lower Upper
113 100
55 219.0 216.9 256.9
56 161.1 152.6 192.6

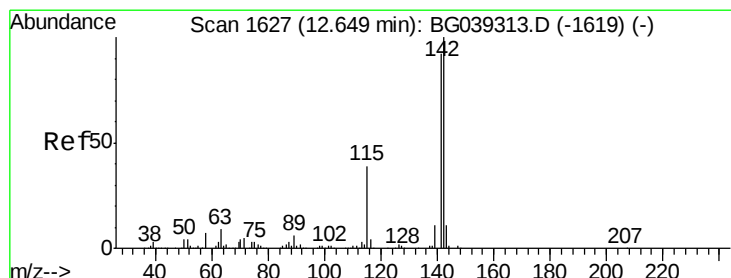
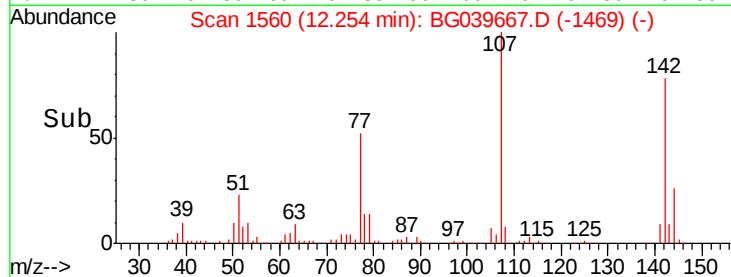
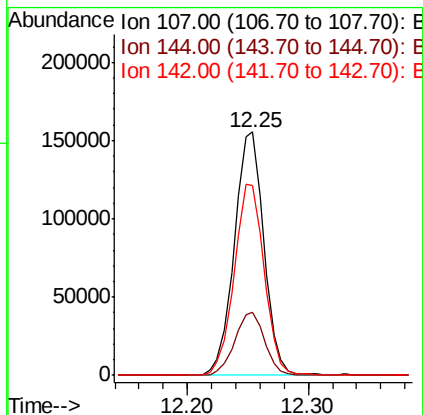
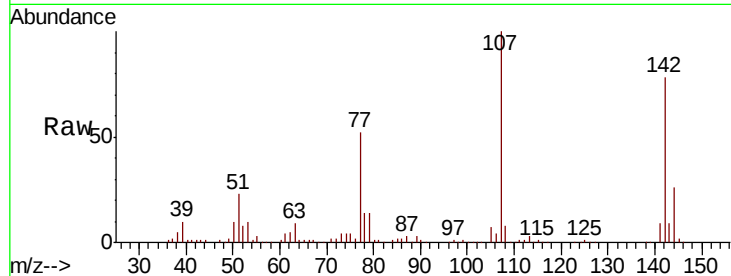




#36
 4-Chloro-3-methylphenol
 Concen: 51.328 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

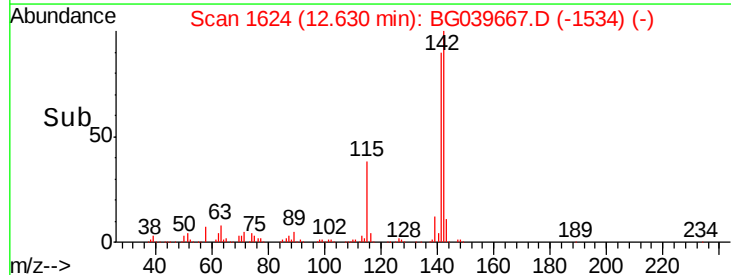
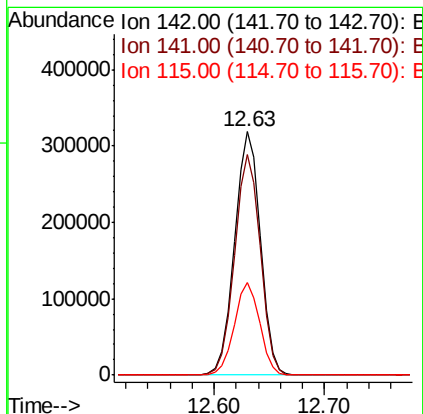
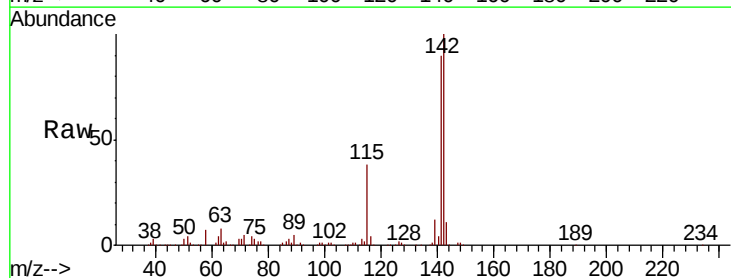
Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

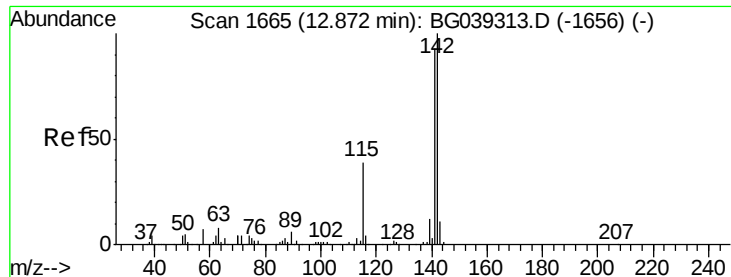
Tot Ion:107 Resp: 265610
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 78.1 61.4 92.2



#37
 2-Methylnaphthalene
 Concen: 49.777 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion:142 Resp: 521832
 Ion Ratio Lower Upper
 142 100
 141 90.4 73.5 110.3
 115 37.9 30.8 46.2

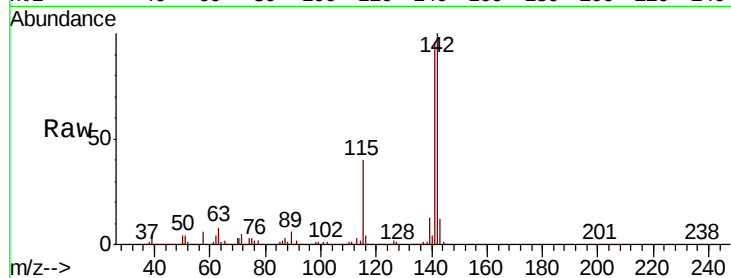




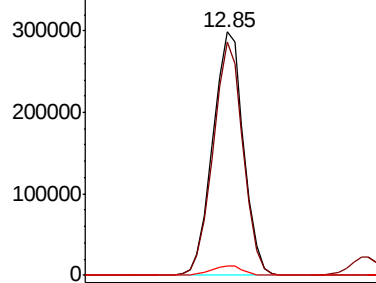
#38
1-Methylnaphthalene
Concen: 49.538 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

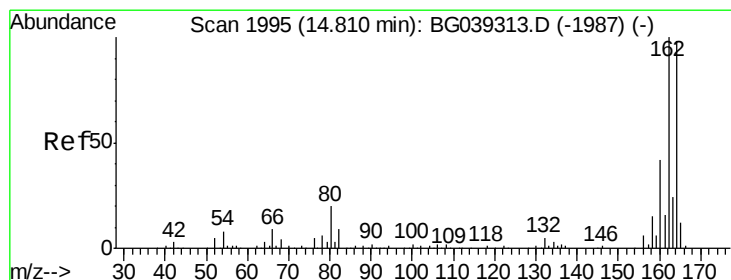
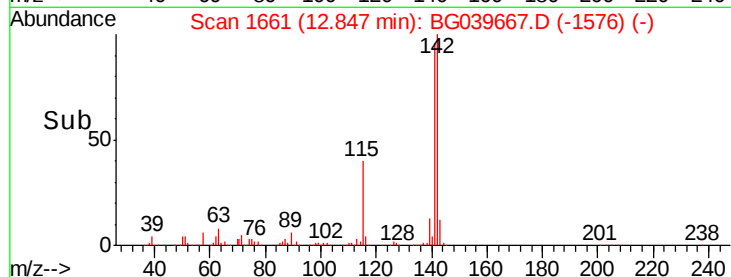
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.2	111.4
116	4.1	3.0	4.6



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

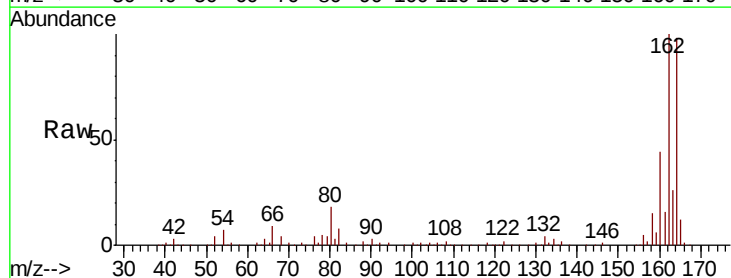


Time-->

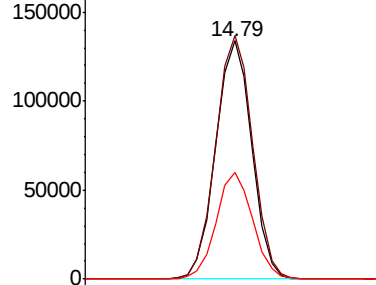


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

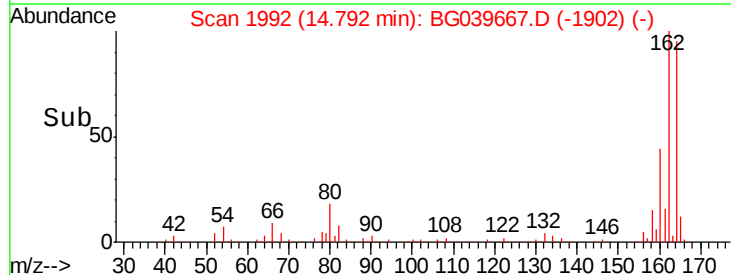
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	44.8	34.2	51.2

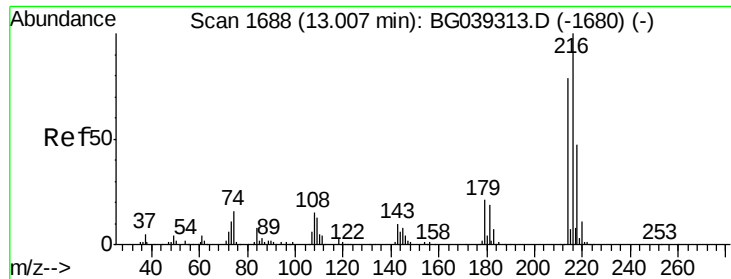


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.852 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

Tot Ion:216 Resp: 294584

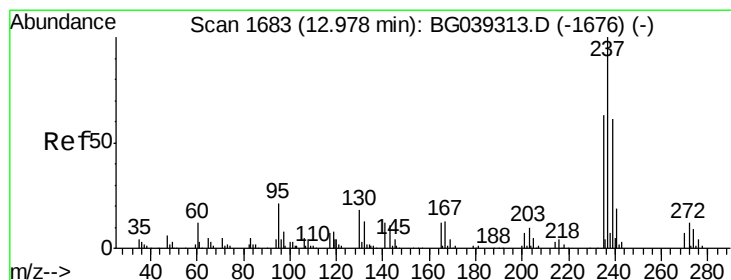
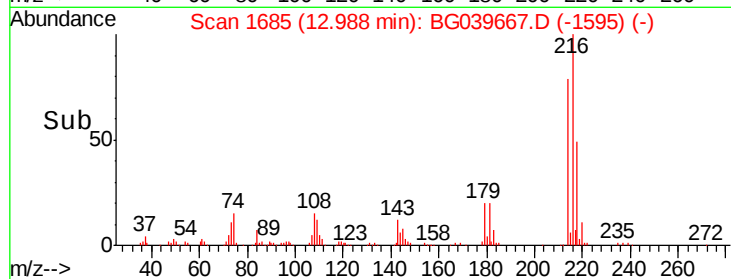
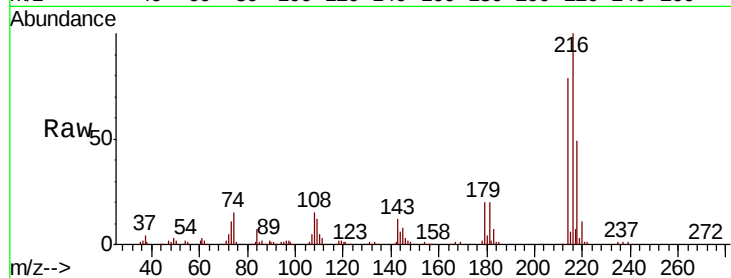
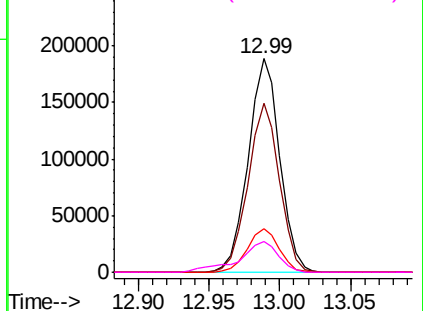
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	94.0
179	20.5	16.6	25.0
108	17.8	14.0	21.0

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: 94.936 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

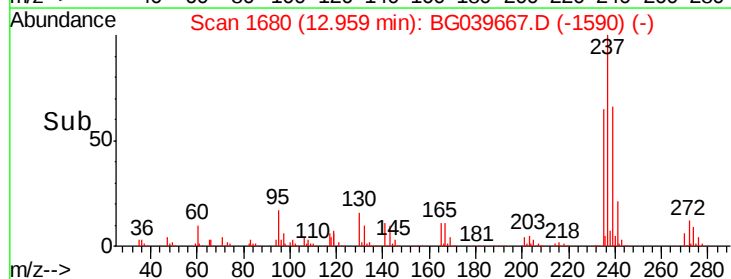
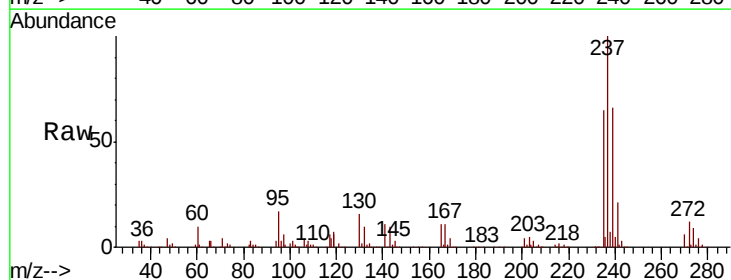
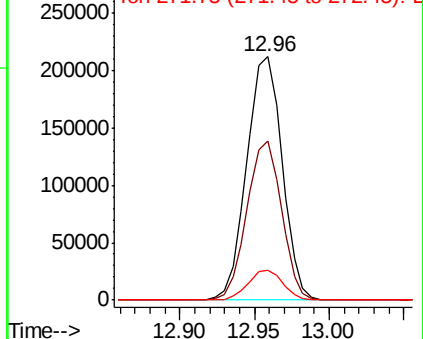
Tgt Ion:237 Resp: 347519

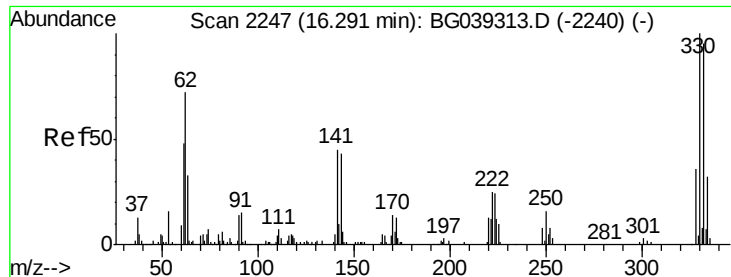
Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.3	83.3
272	12.1	0.0	32.3

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

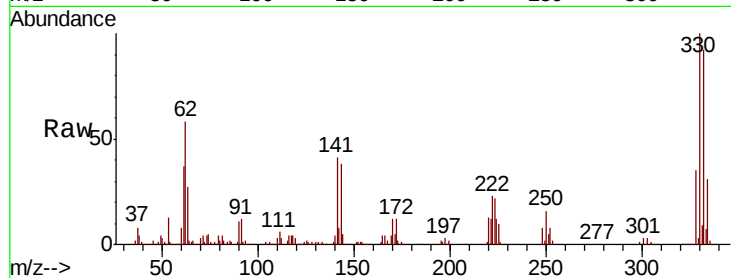




#42
 2,4,6-Tribromophenol
 Concen: 149.420 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	39.7	35.6	53.4

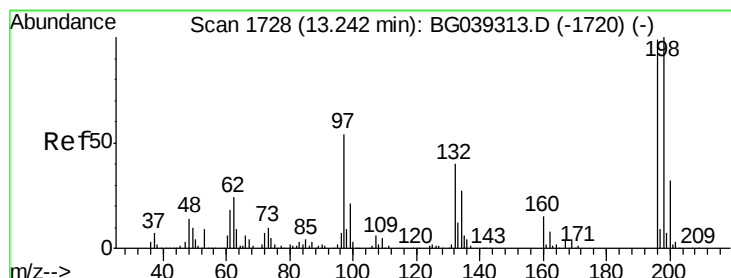
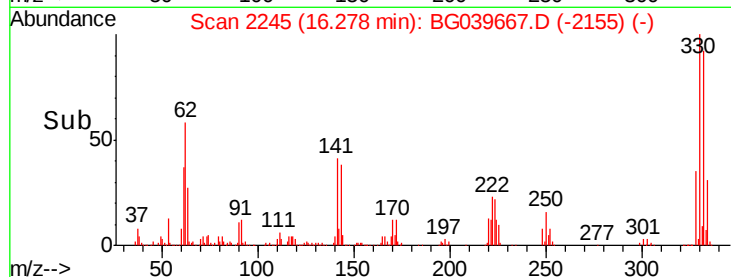
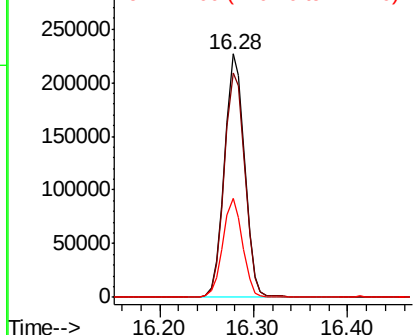


Abundance

Ion 329.80 (329.50 to 330.50): E

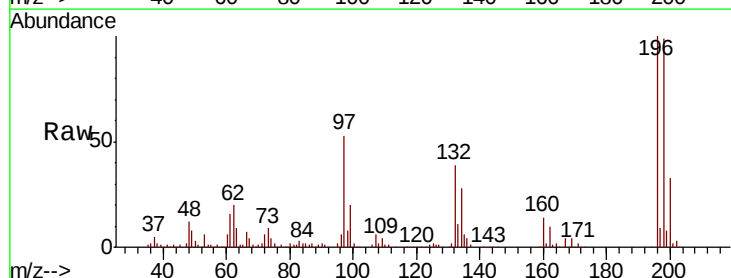
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 47.850 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	33.1	26.1	39.1

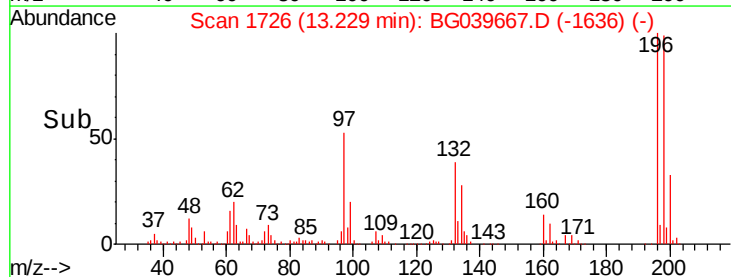
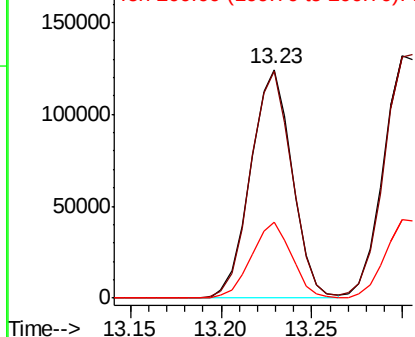


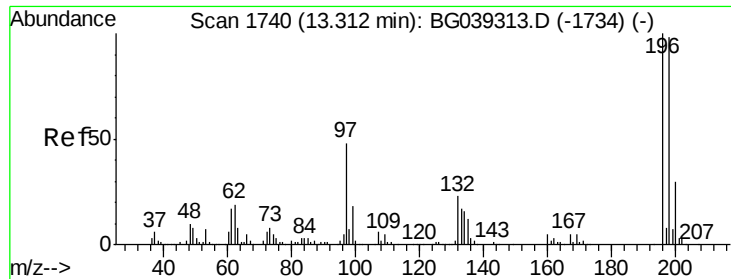
Abundance

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

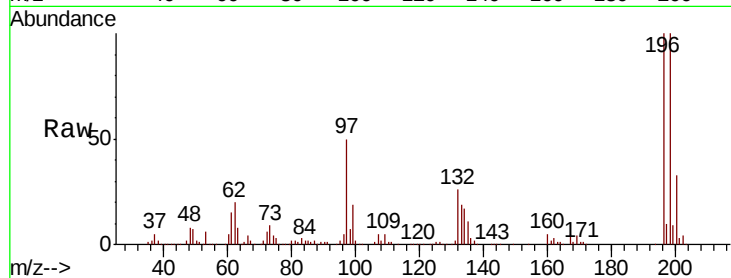




#44
2,4,5-Trichlorophenol
Concen: 51.290 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	78.5	117.7
97	49.7	38.4	57.6
132	26.0	19.2	28.8



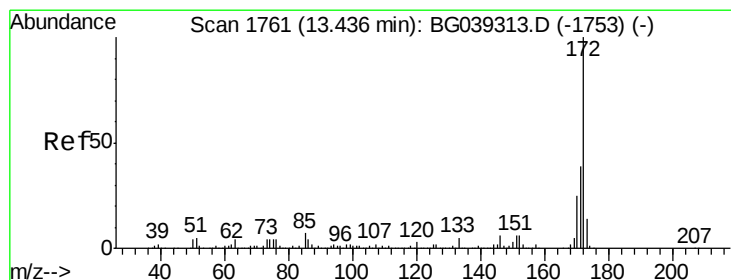
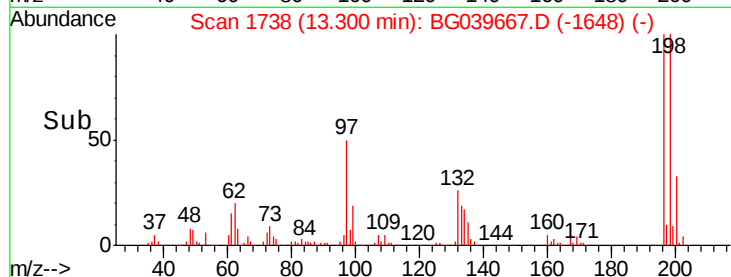
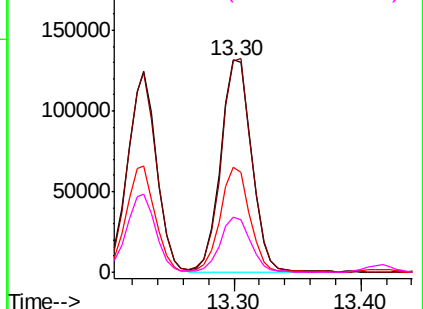
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

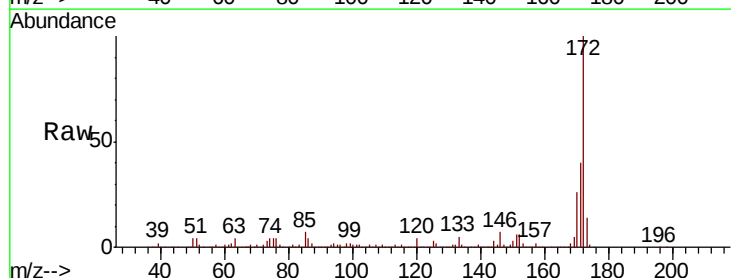
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 85.040 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.8	46.2
170	26.4	20.2	30.4

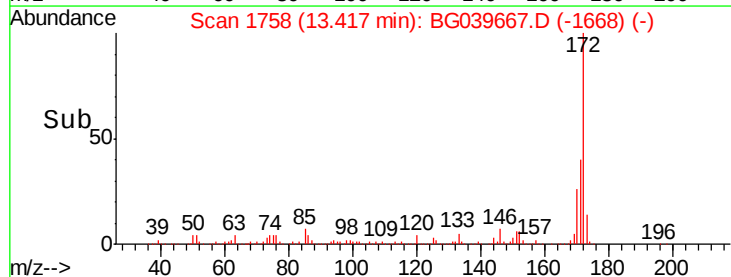
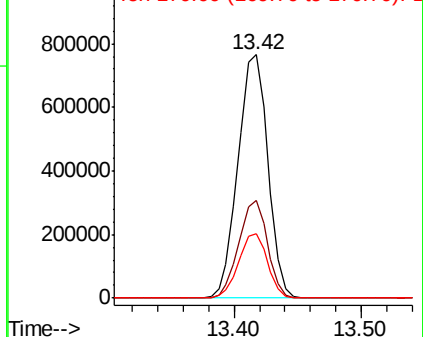


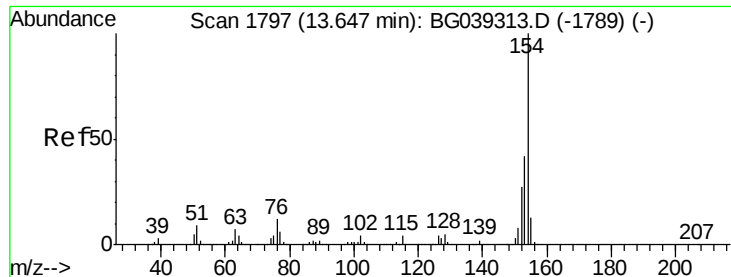
Abundance

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

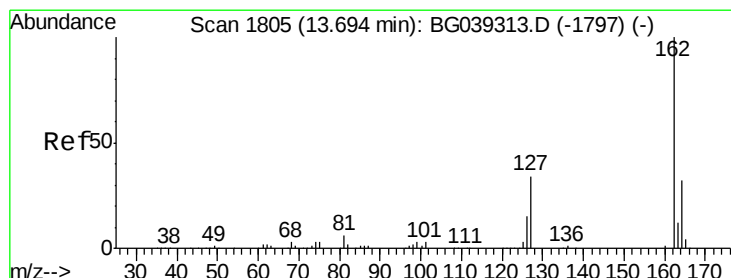
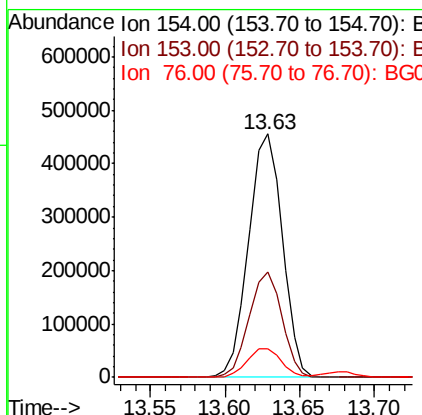
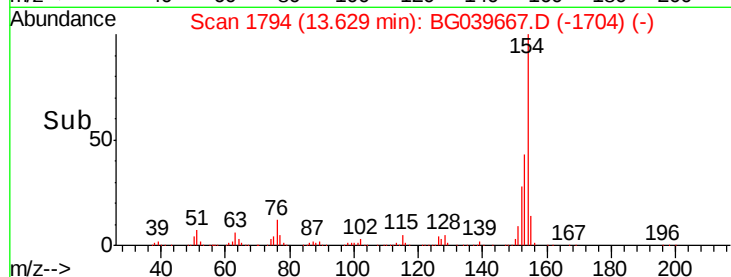
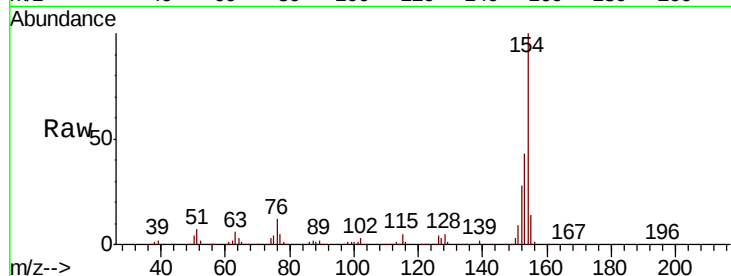




#46
 1,1'-Biphenyl
 Concen: 40.613 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

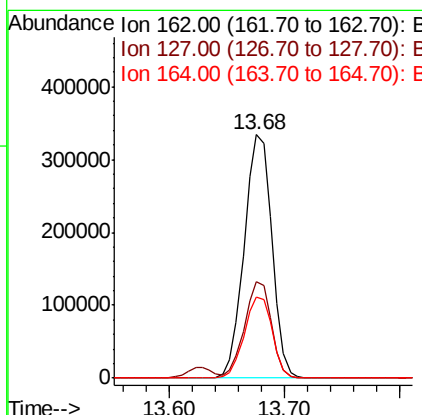
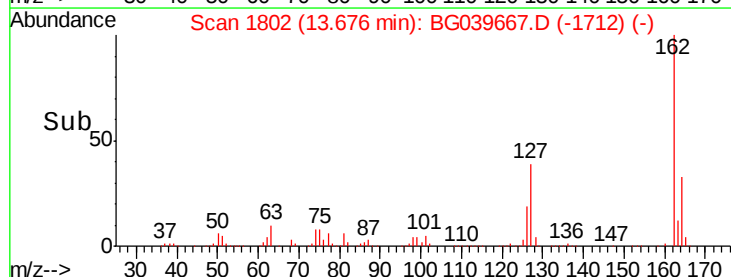
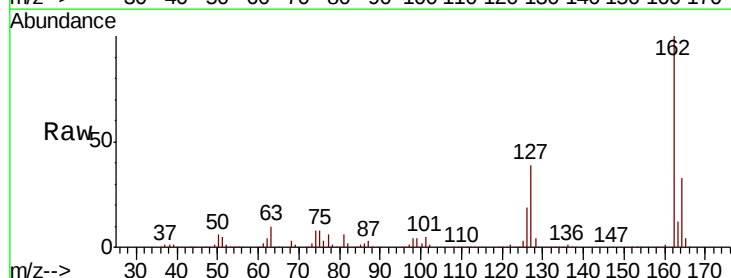
Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

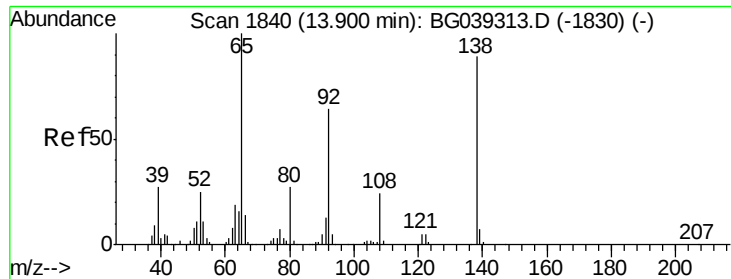
Tot Ion:	154	Resp:	713446
Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	11.7	0.0	32.4



#47
 2-Chloronaphthalene
 Concen: 42.190 ng
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion:	162	Resp:	557546
Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.6
164	33.4	25.7	38.5





#48

2-Nitroaniline

Concen: 51.107 ng

RT: 13.89 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

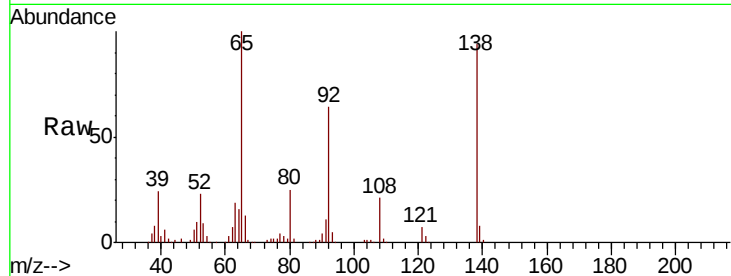
Tot Ion: 65 Resp: 196480

Ion Ratio Lower Upper

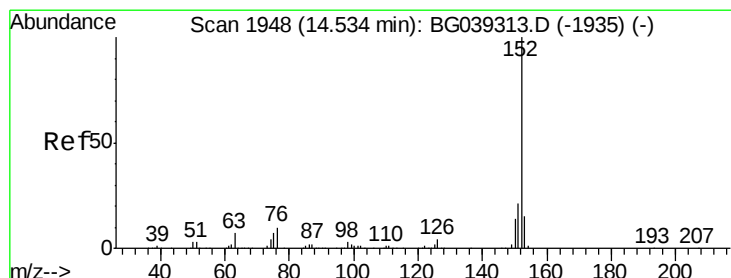
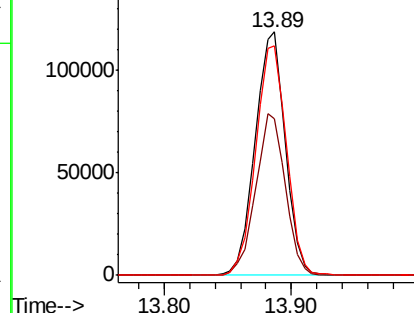
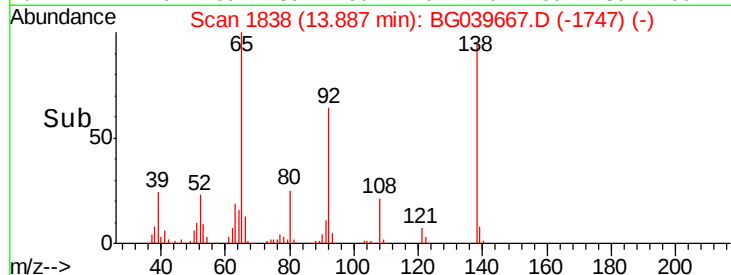
65 100

92 64.3 51.4 77.2

138 94.1 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 45.130 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

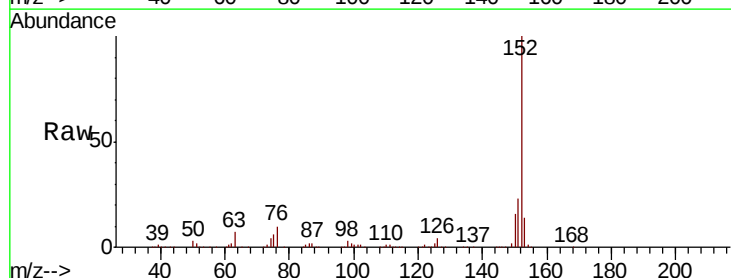
Tgt Ion: 152 Resp: 899926

Ion Ratio Lower Upper

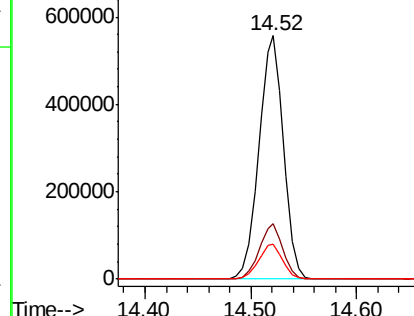
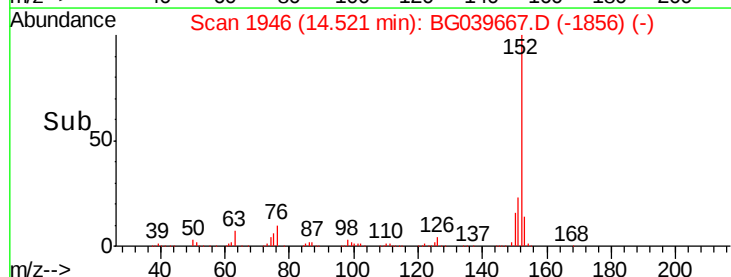
152 100

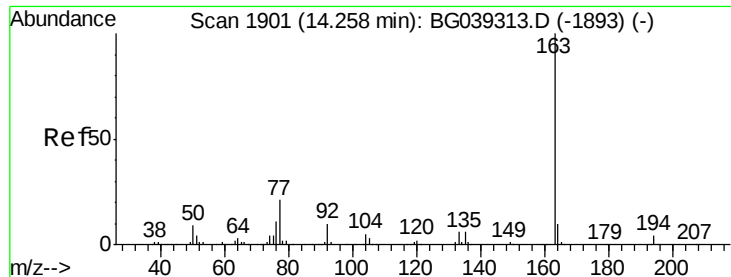
151 22.6 16.8 25.2

153 14.2 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 48.155 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

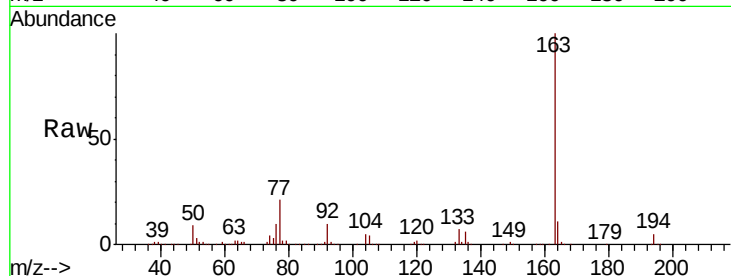
Tot Ion:163 Resp: 821127

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

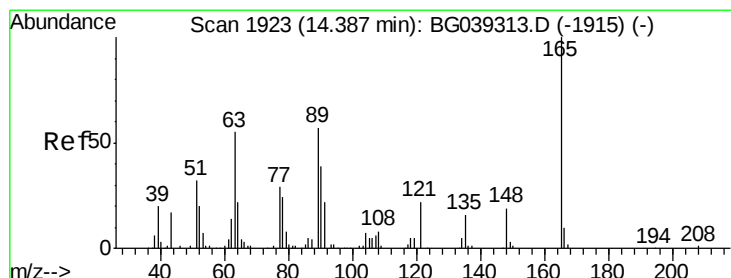
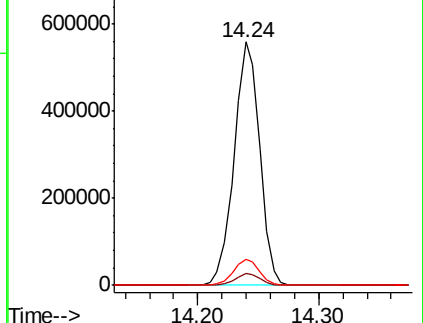
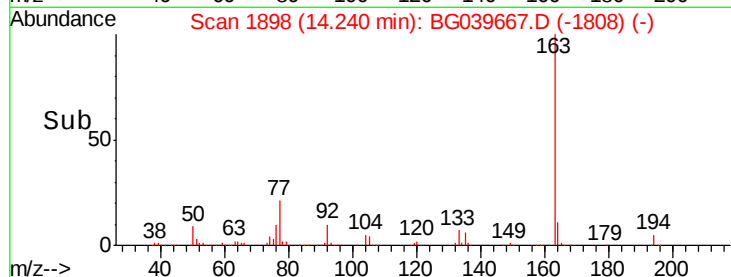
164 10.9 8.4 12.6



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: 53.054 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

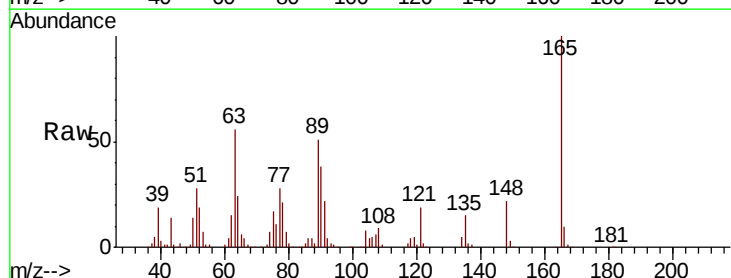
Tgt Ion:165 Resp: 171628

Ion Ratio Lower Upper

165 100

63 56.4 47.0 70.6

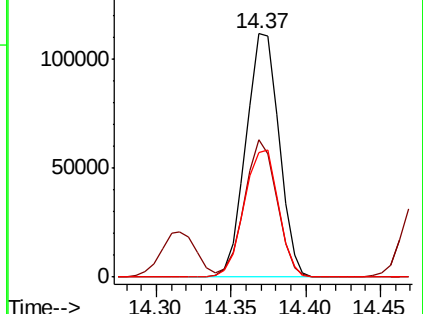
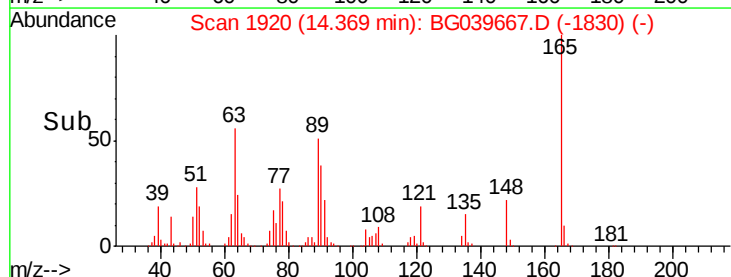
89 51.2 45.8 68.8

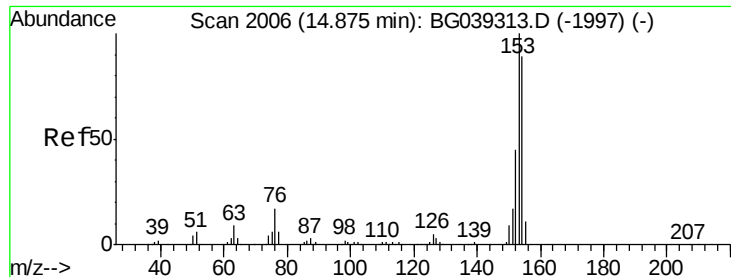


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 42.619 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

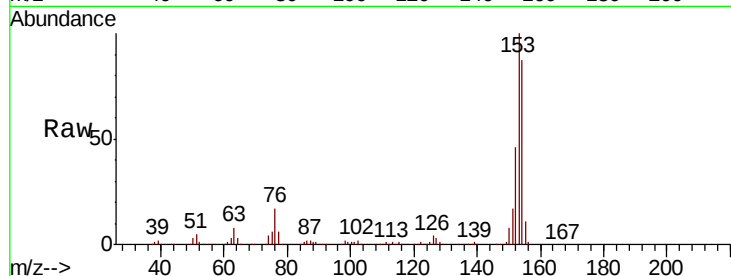
Tot Ion:154 Resp: 551647

Ion Ratio Lower Upper

154 100

153 115.4 90.1 135.1

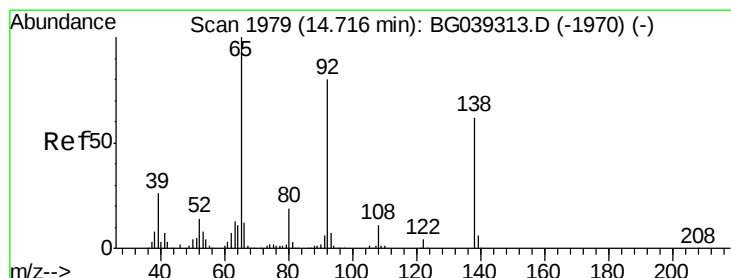
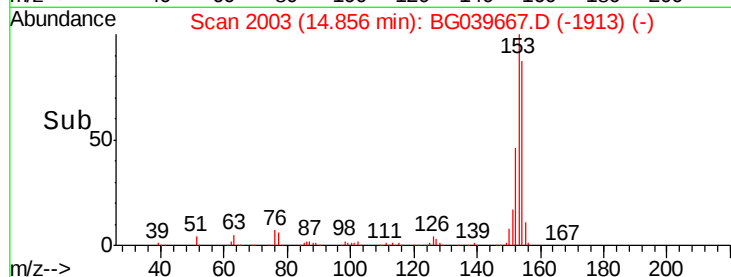
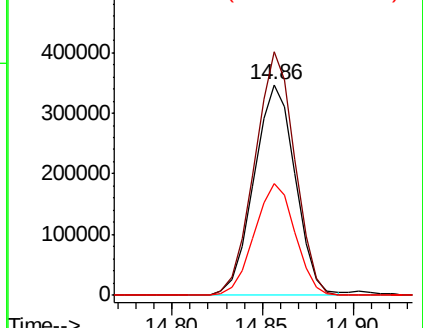
152 53.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 43.504 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

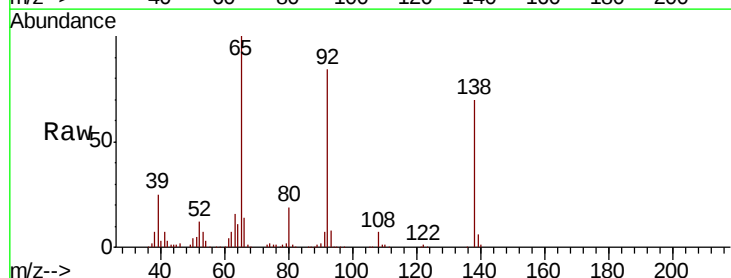
Tgt Ion:138 Resp: 147476

Ion Ratio Lower Upper

138 100

108 10.3 13.8 20.8#

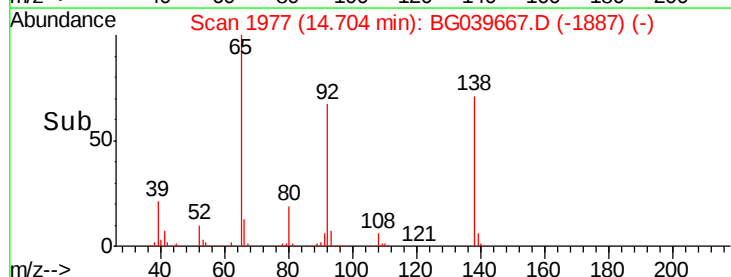
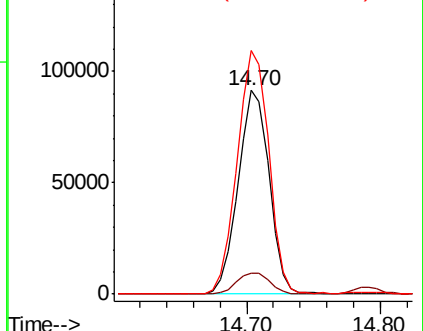
92 119.7 103.7 155.5

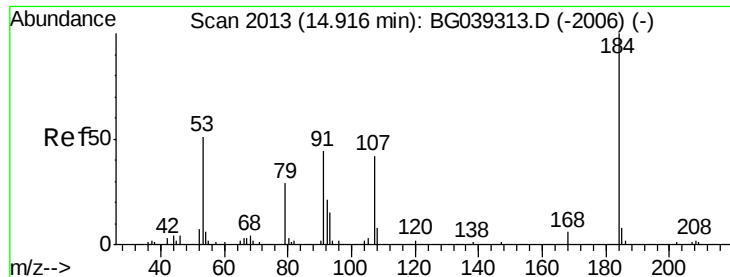


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

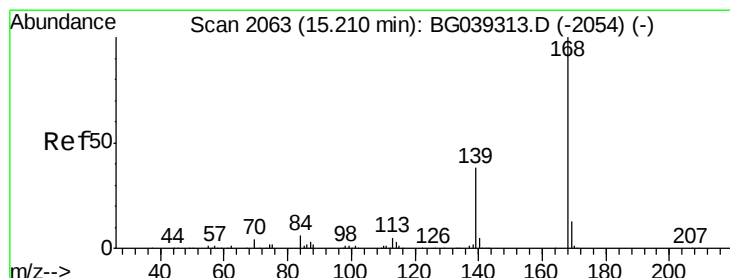
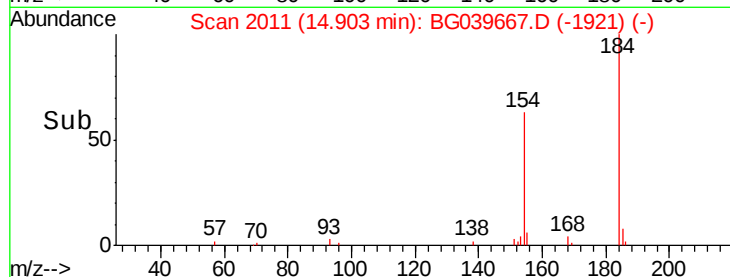
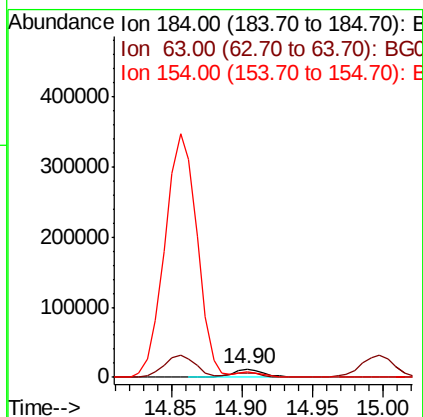
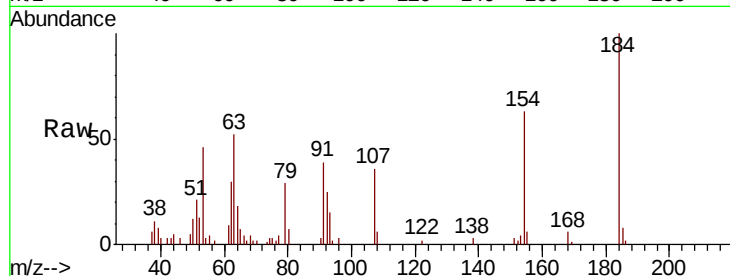




#54
2,4-Dinitrophenol
Concen: 20.938 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

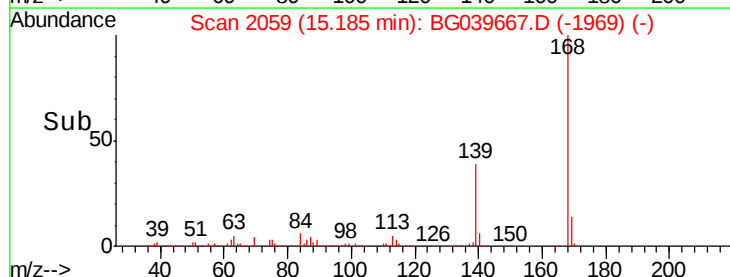
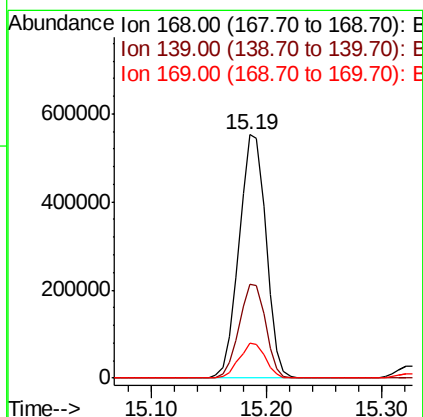
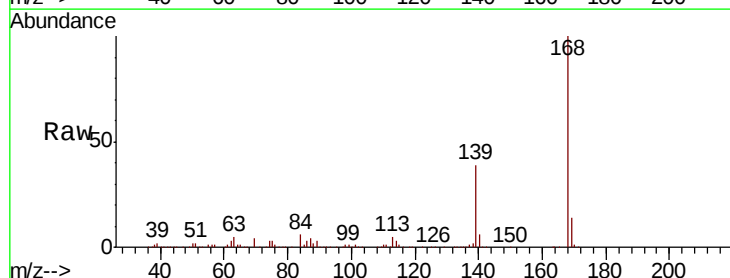
Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

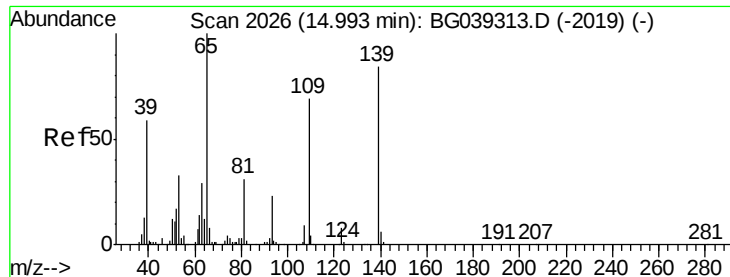
Tot Ion:184 Resp: 18125
Ion Ratio Lower Upper
184 100
63 51.8 50.9 76.3
154 63.5 53.0 79.6



#55
Dibenzofuran
Concen: 43.074 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:168 Resp: 893917
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.2 10.6 16.0





#56

4-Nitrophenol

Concen: 57.391 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

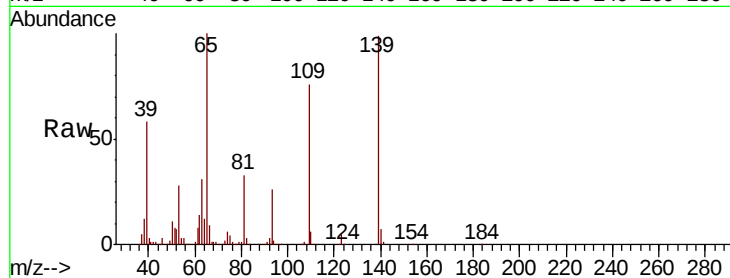
Tot Ion:139 Resp: 171502

Ion Ratio Lower Upper

139 100

109 77.1 61.9 101.9

65 100.9 99.1 139.1

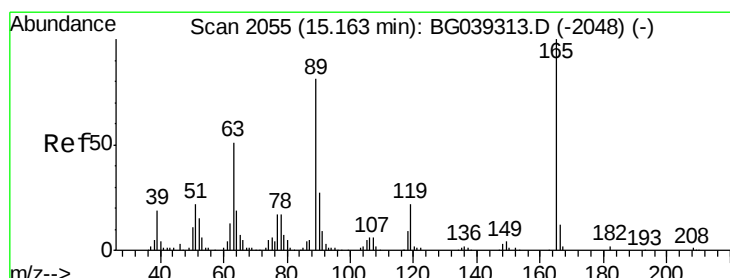
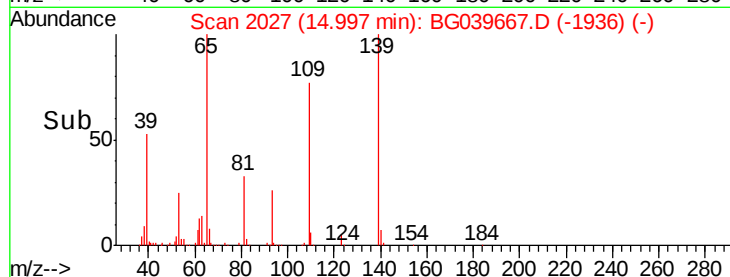
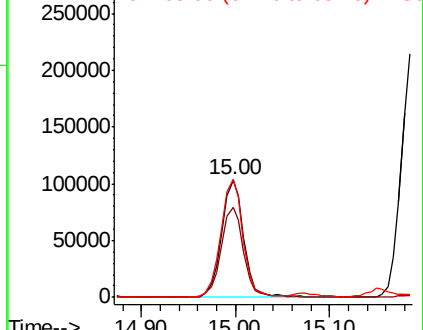


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 56.346 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:165 Resp: 236655

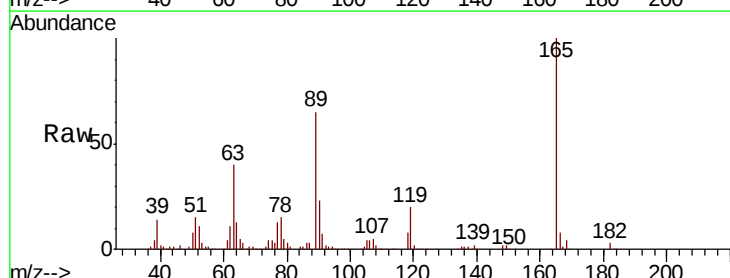
Ion Ratio Lower Upper

165 100

63 40.1 41.0 61.6#

89 65.1 64.6 96.8

182 2.9 2.0 3.0



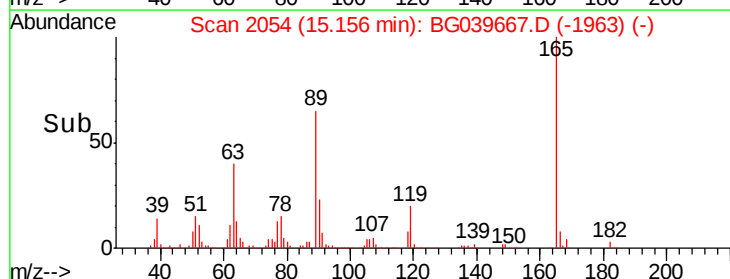
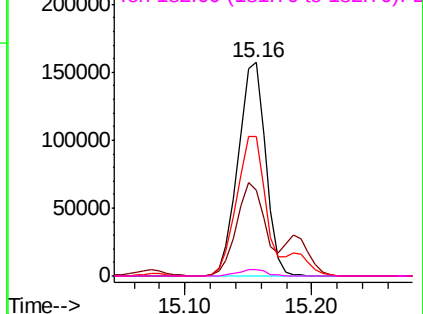
Abundance

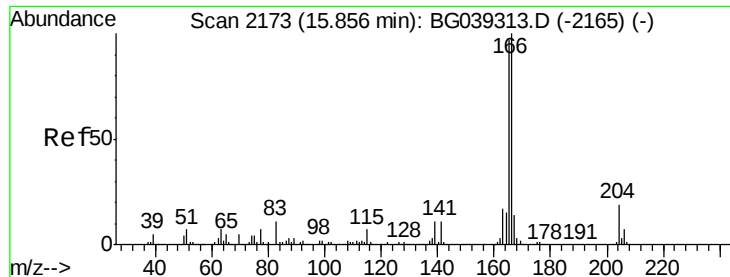
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 45.222 ng

RT: 15.84 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

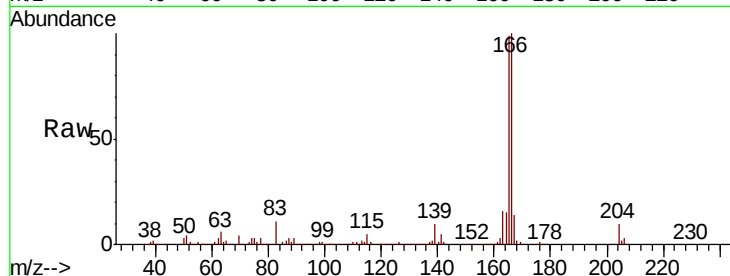
Tot Ion:166 Resp: 699612

Ion Ratio Lower Upper

166 100

165 98.6 77.9 116.9

167 13.7 10.8 16.2

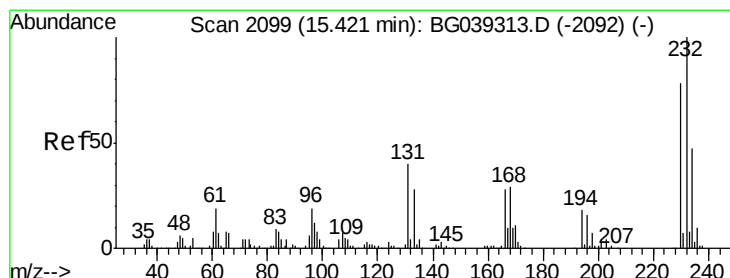
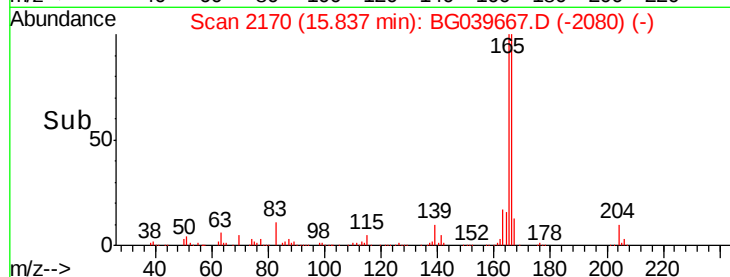
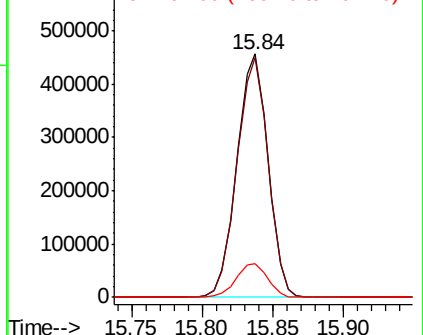


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.156 ng

RT: 15.41 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:232 Resp: 195190

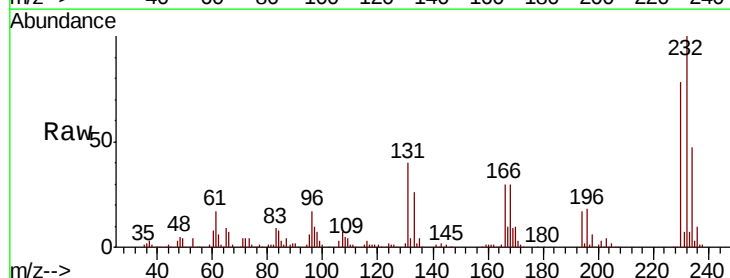
Ion Ratio Lower Upper

232 100

131 40.3 34.9 52.3

130 2.3 2.0 3.0

166 28.8 24.1 36.1



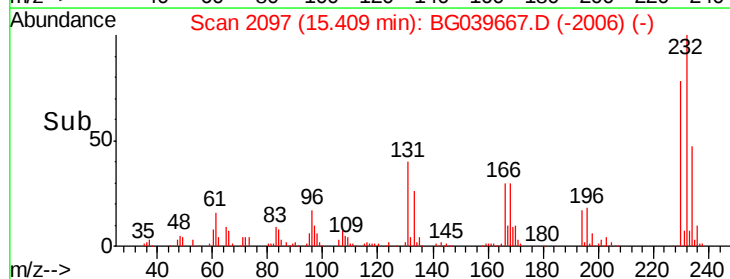
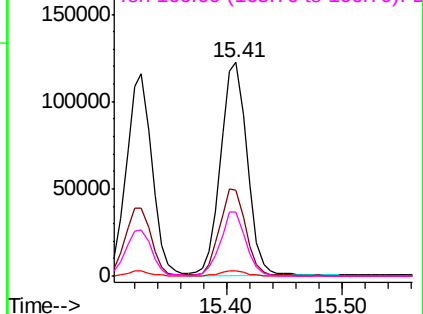
Abundance

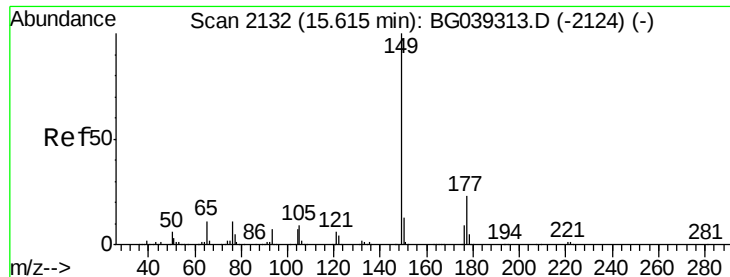
Ion 232.00 (231.70 to 232.70): E

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

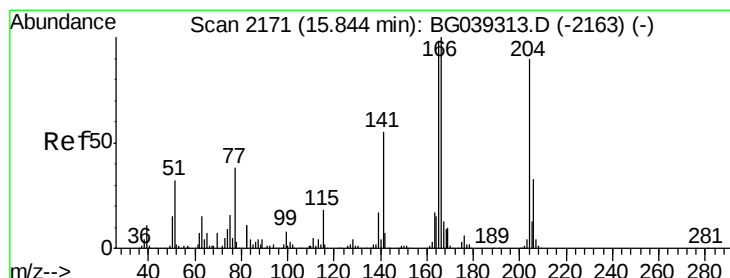
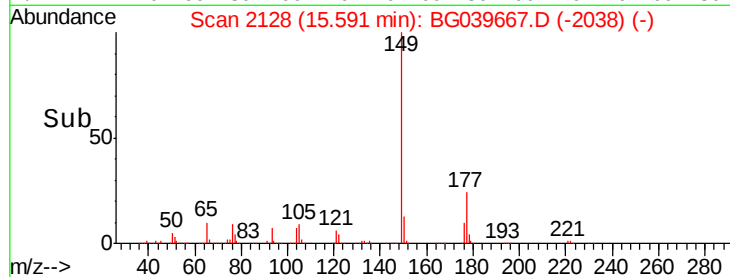
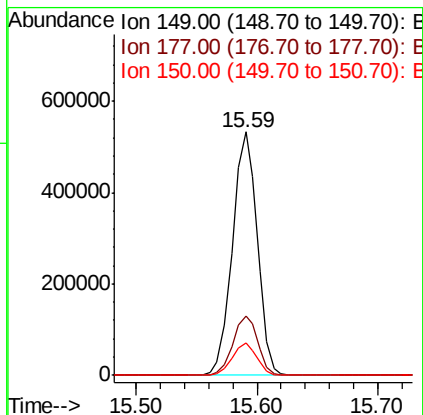
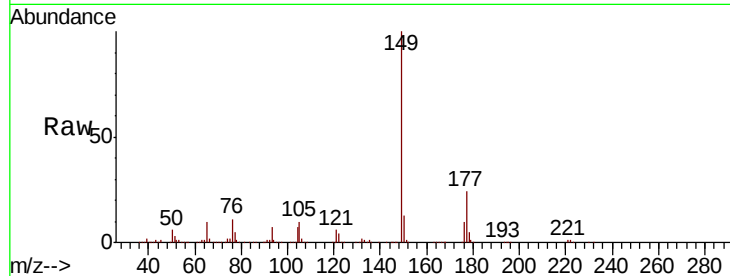




#60
Diethylphthalate
Concen: 43.071 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

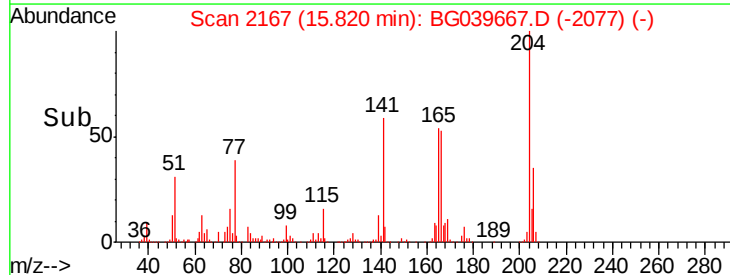
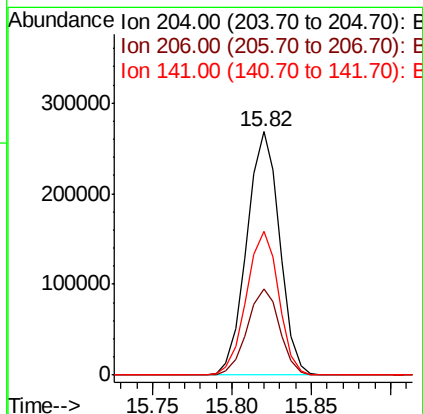
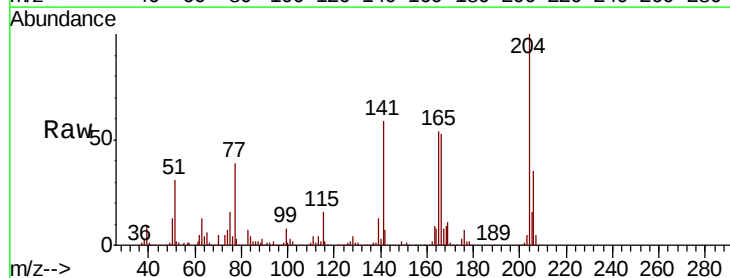
Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

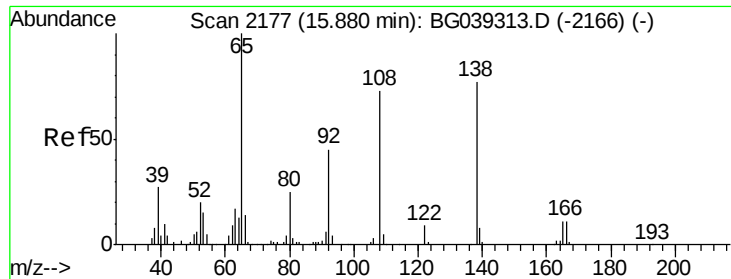
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.3	10.2	15.2



#61
4-Chlorophenyl-phenylether
Concen: 44.060 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	59.2	49.0	73.4

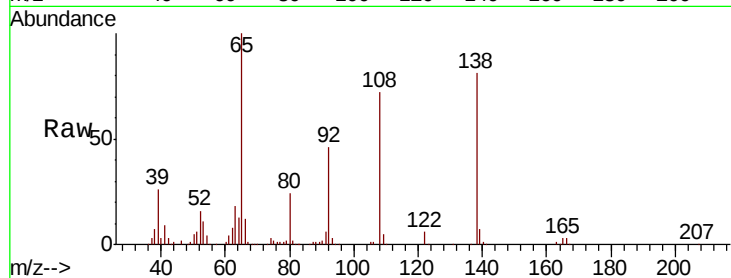




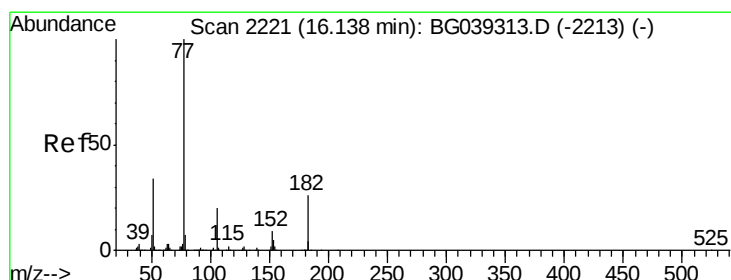
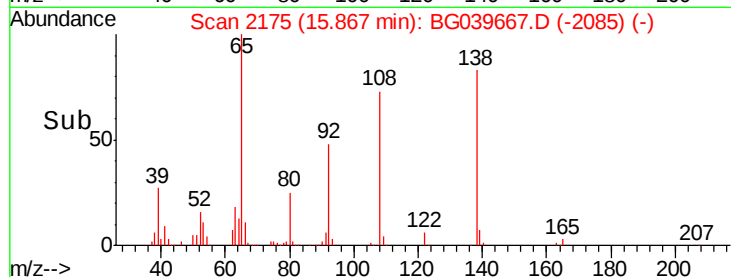
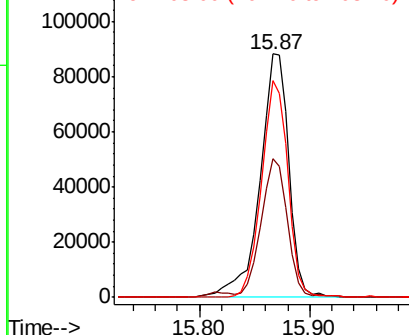
#62
4-Nitroaniline
Concen: 45.380 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion:138 Resp: 161369
Ion Ratio Lower Upper
138 100
92 57.0 38.7 78.7
108 89.1 74.6 114.6

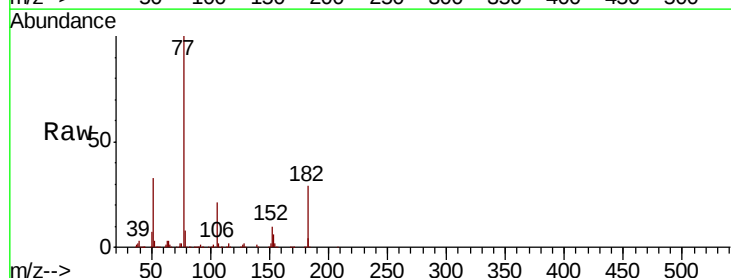


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

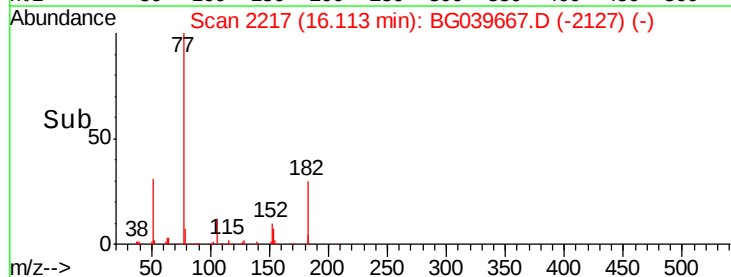
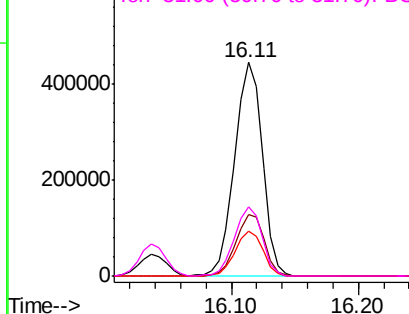


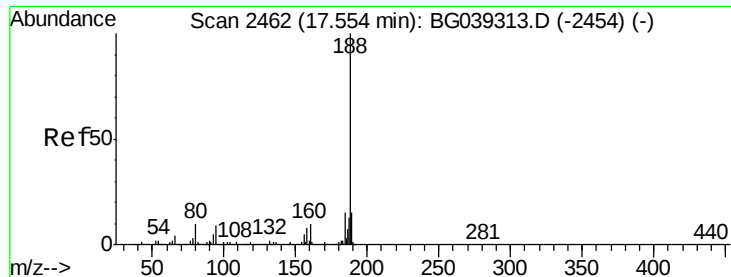
#63
Azobenzene
Concen: 38.985 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion: 77 Resp: 671797
Ion Ratio Lower Upper
77 100
182 28.8 6.4 46.4
105 21.2 0.0 39.8
51 32.6 14.1 54.1



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

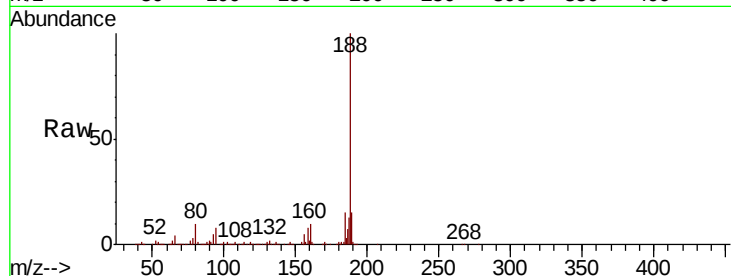
Tot Ion:188 Resp: 447111

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

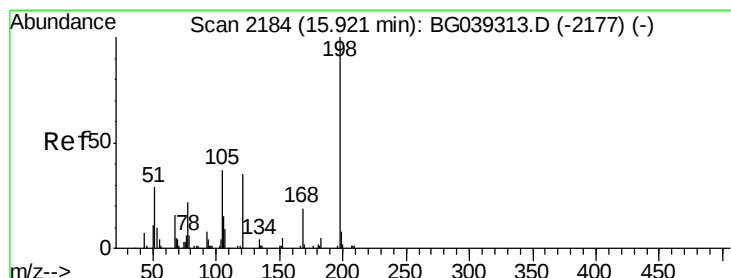
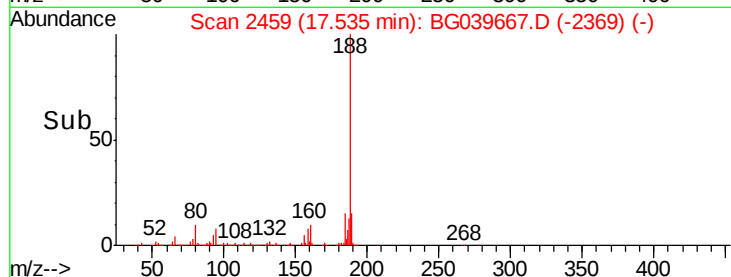
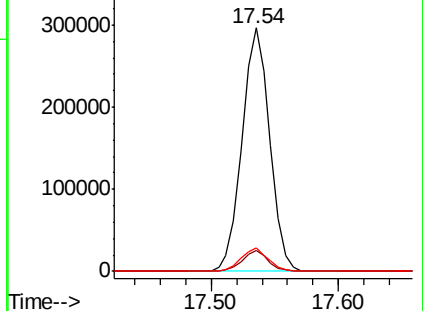
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 37.201 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

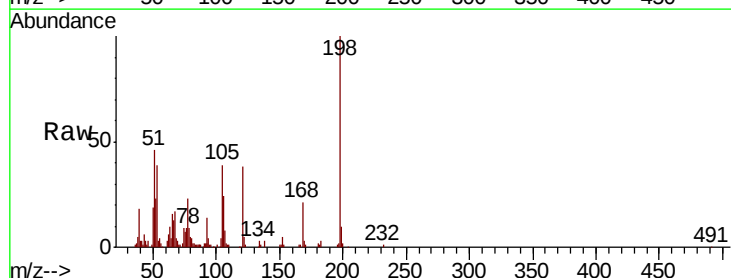
Tgt Ion:198 Resp: 59207

Ion Ratio Lower Upper

198 100

51 45.6 27.4 67.4

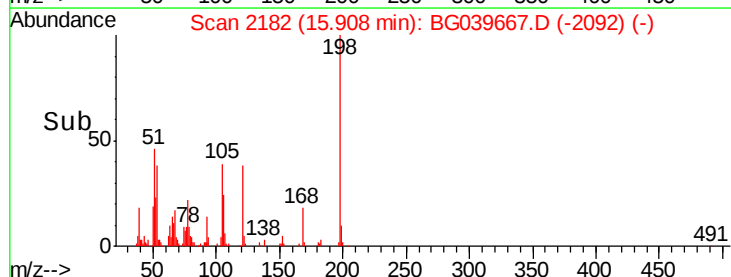
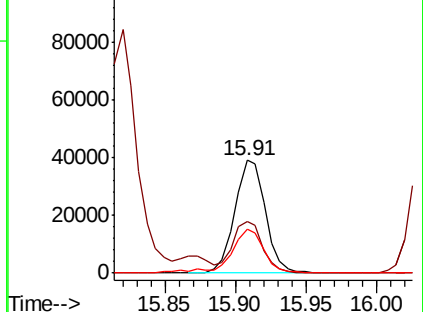
105 39.3 19.7 59.7

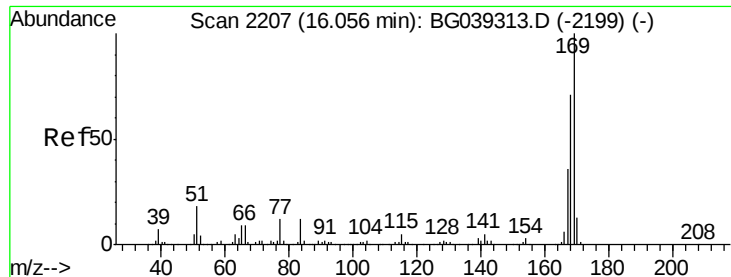


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

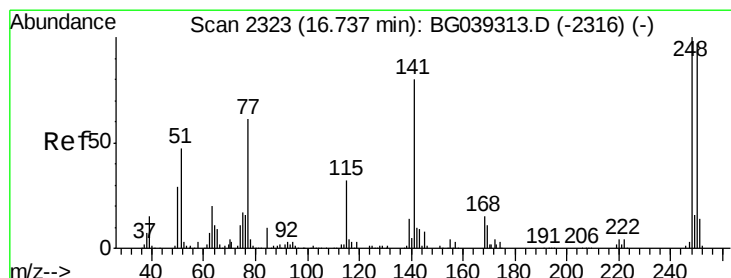
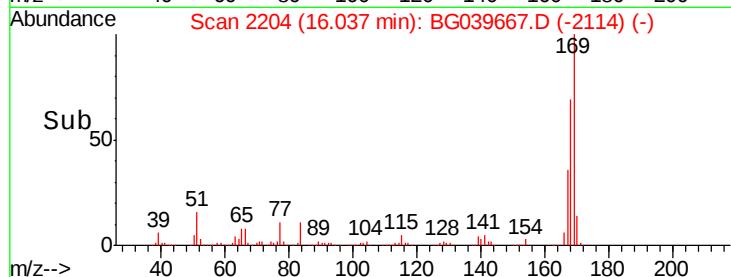
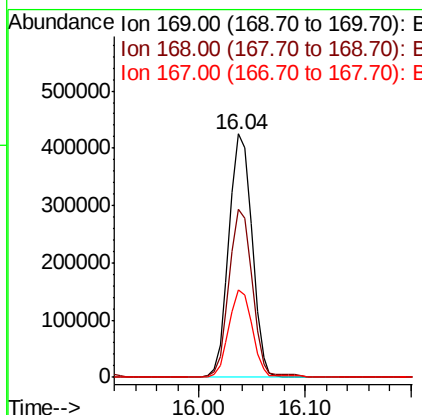
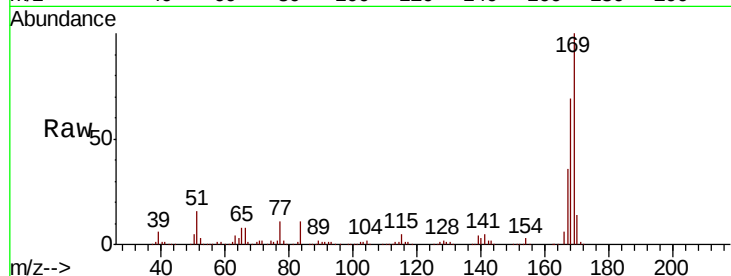




#66
 n-Nitrosodiphenylamine
 Concen: 47.303 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

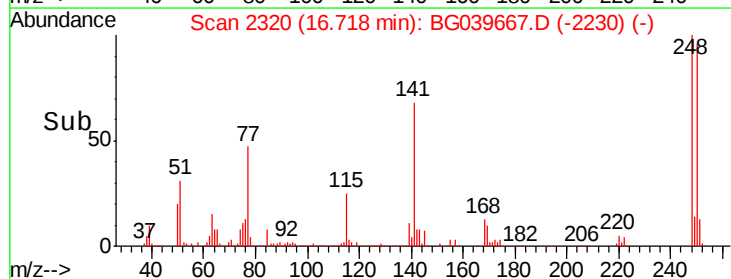
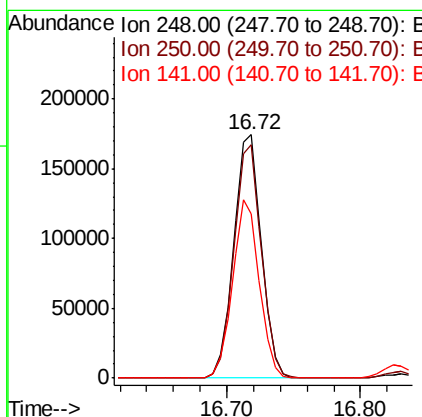
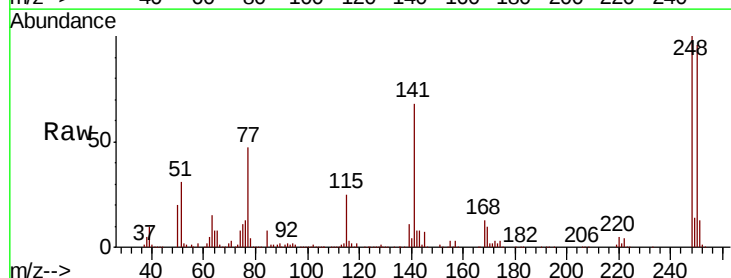
Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

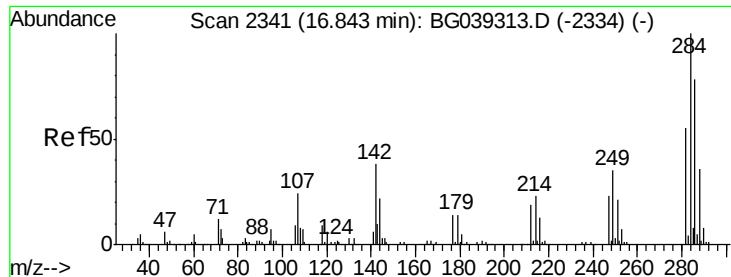
Tot Ion:169 Resp: 643093
 Ion Ratio Lower Upper
 169 100
 168 68.8 56.6 85.0
 167 36.1 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 50.341 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion:248 Resp: 249703
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.6 116.4
 141 67.6 63.9 95.9





#68

Hexachlorobenzene

Concen: 50.281 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

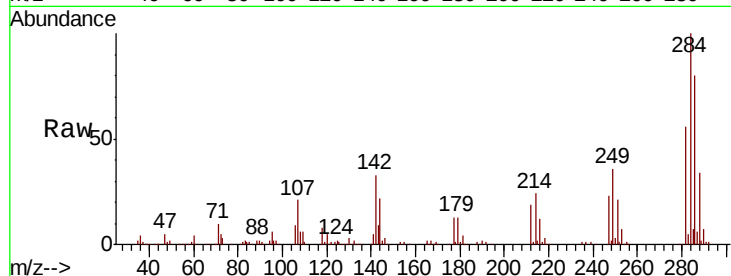
Tot Ion:284 Resp: 250227

Ion Ratio Lower Upper

284 100

142 33.3 30.6 45.8

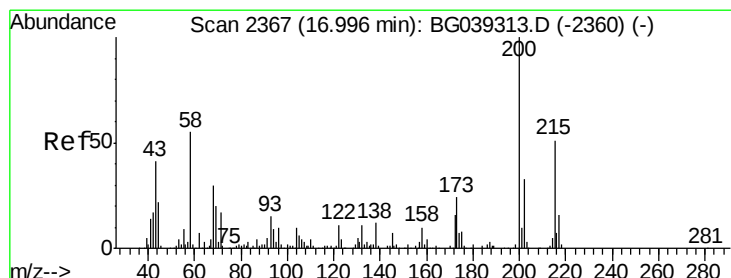
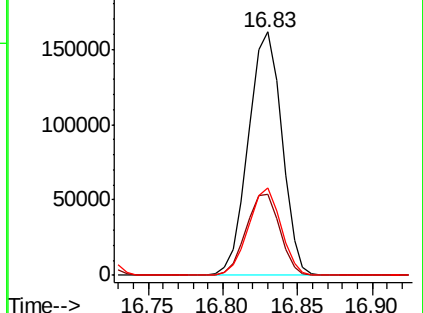
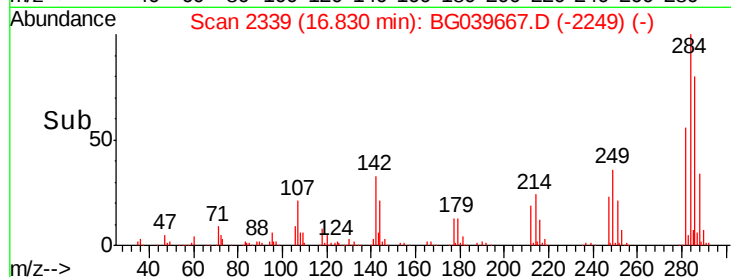
249 36.0 28.2 42.2



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: 42.509 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

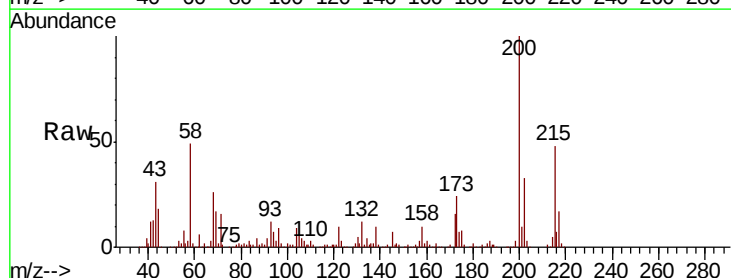
Tgt Ion:200 Resp: 211193

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

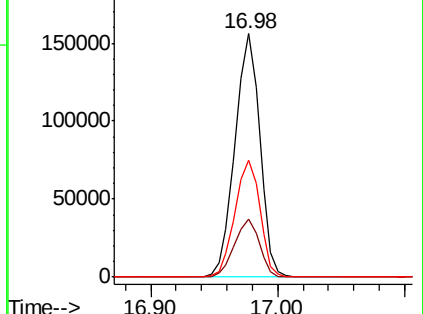
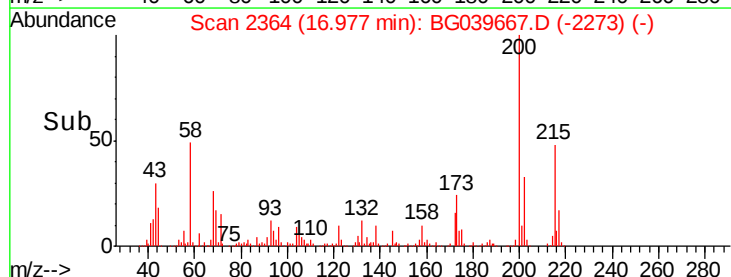
215 48.1 30.9 70.9

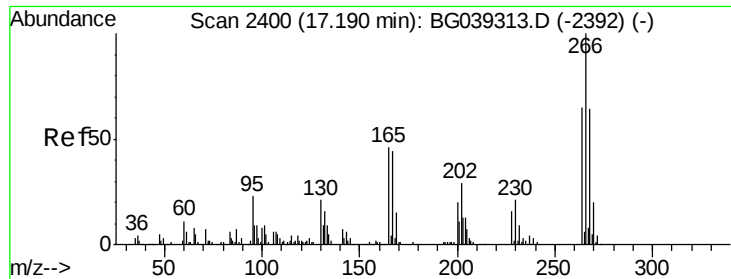


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

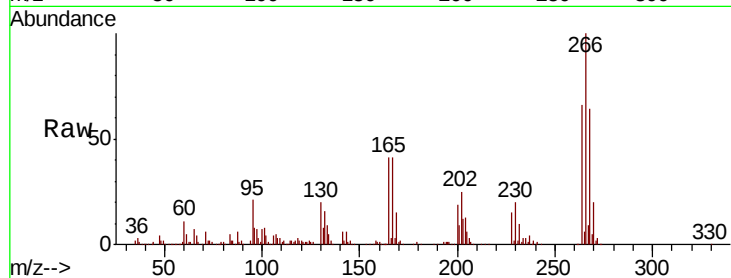




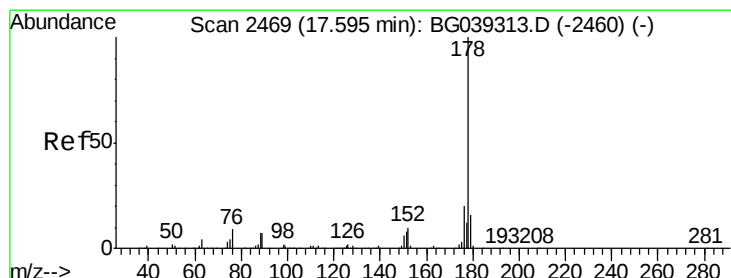
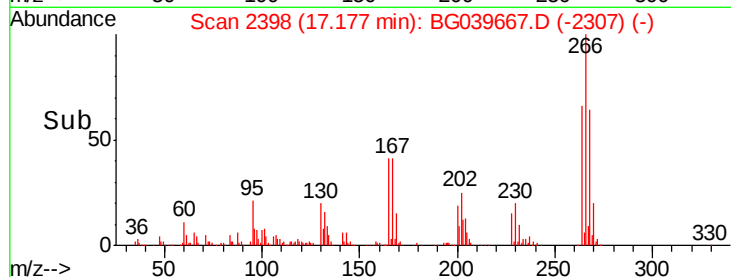
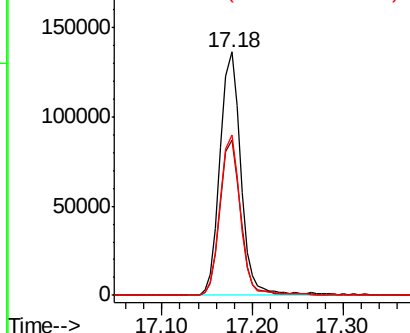
#70
 Pentachlorophenol
 Concen: 63.414 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	65.6	52.1	78.1

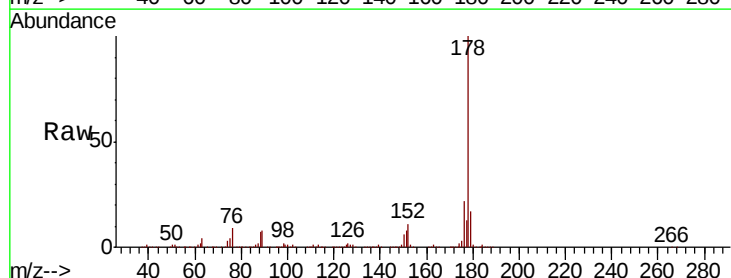


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

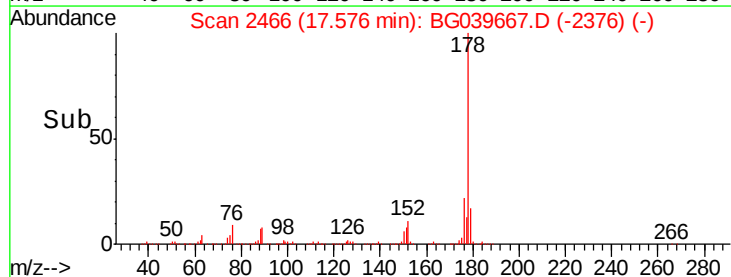
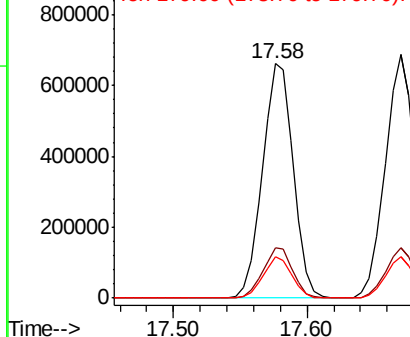


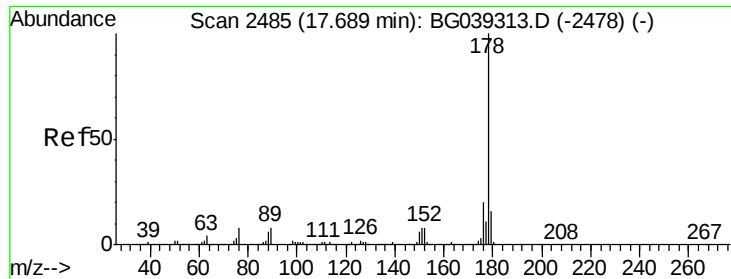
#71
 Phenanthrene
 Concen: 45.504 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	17.5	12.6	19.0



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





#72

Anthracene

Concen: 46.193 ng

RT: 17.67 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

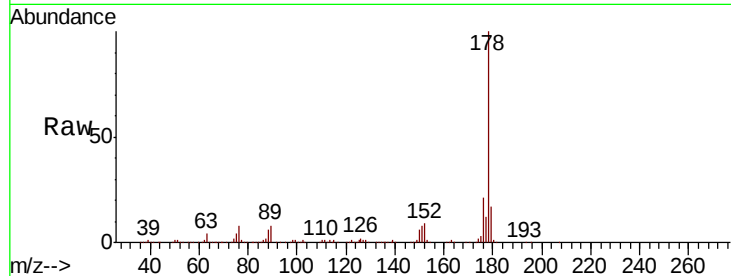
Tot Ion:178 Resp: 1052936

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.6

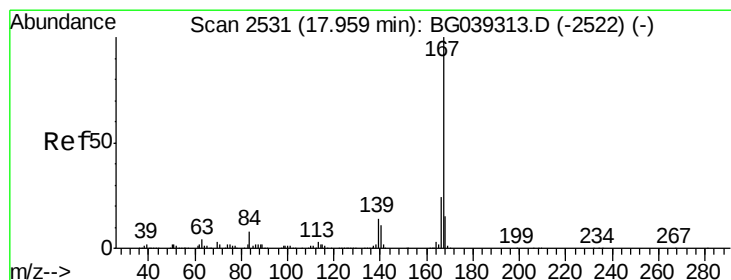
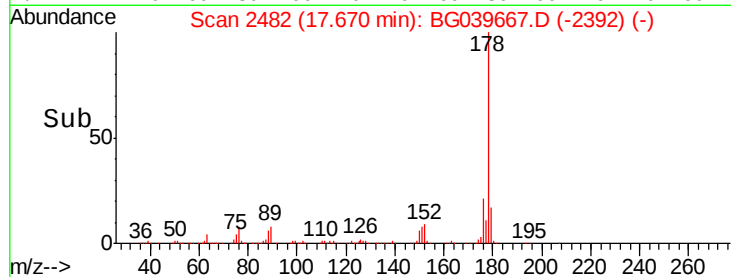
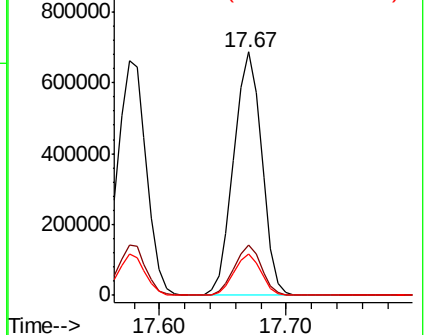
179 16.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 37.955 ng

RT: 17.94 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

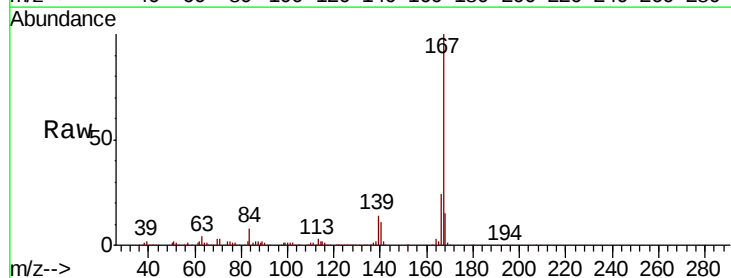
Tgt Ion:167 Resp: 863407

Ion Ratio Lower Upper

167 100

166 23.8 19.4 29.2

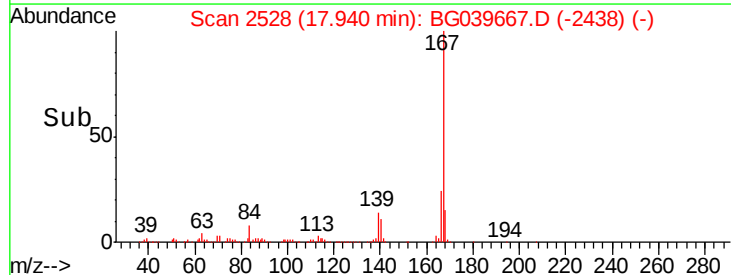
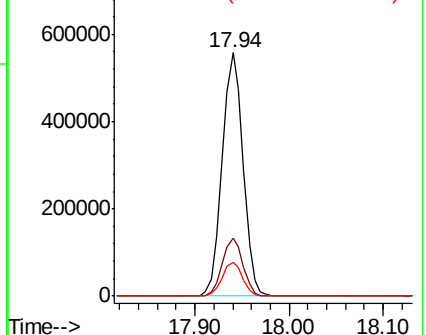
139 13.8 10.8 16.2

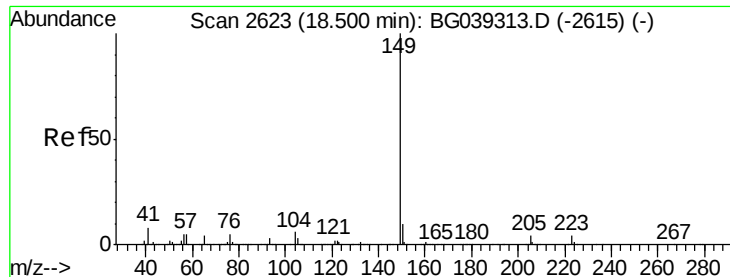


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

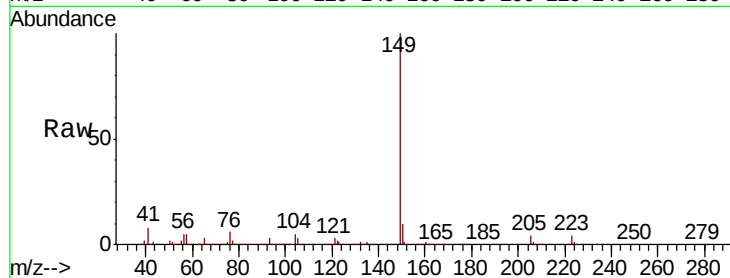




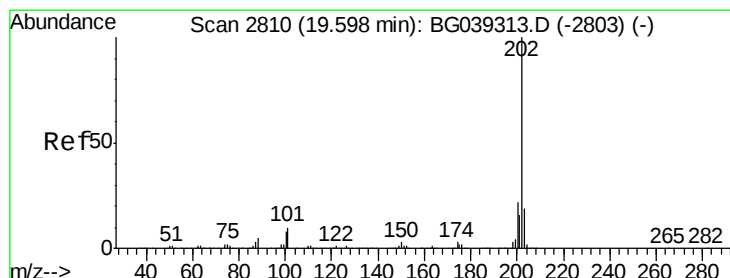
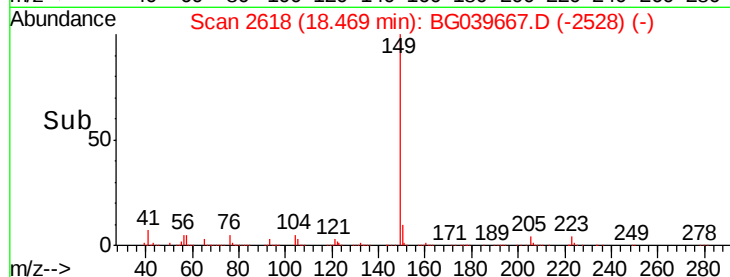
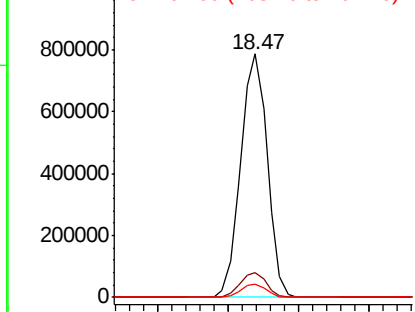
#74
Di-n-butylphthalate
Concen: 39.029 ng
RT: 18.47 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0MSD

Tot Ion:149 Resp: 1035782
Ion Ratio Lower Upper
149 100
150 10.1 7.7 11.5
104 5.4 4.5 6.7

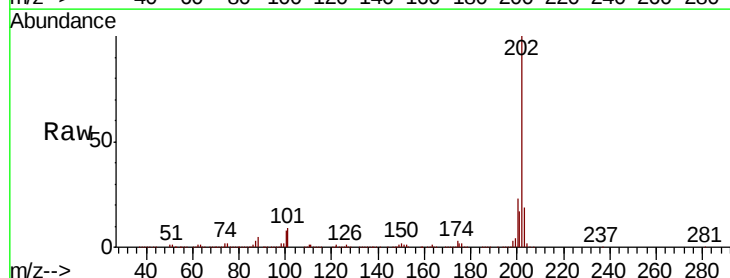


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

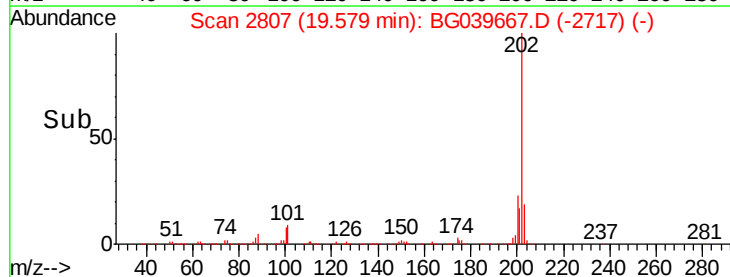
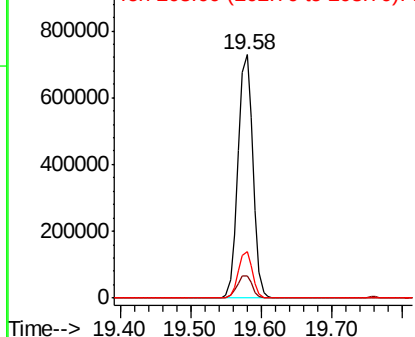


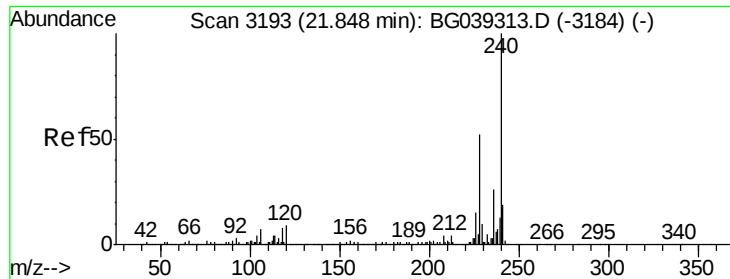
#75
Fluoranthene
Concen: 39.736 ng
RT: 19.58 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:202 Resp: 1067302
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.0
203 19.0 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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

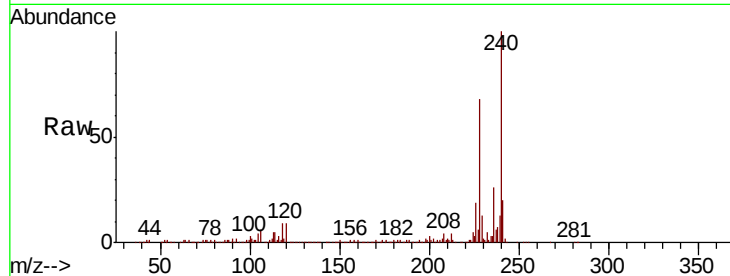
Tot Ion:240 Resp: 362962

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

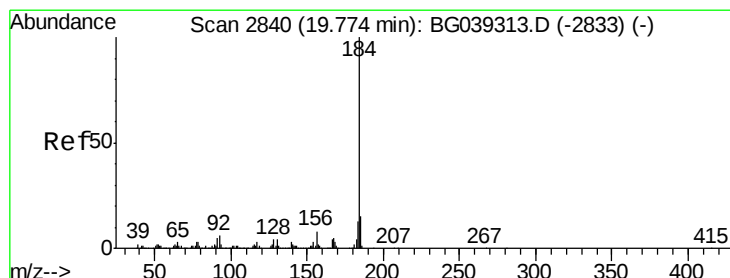
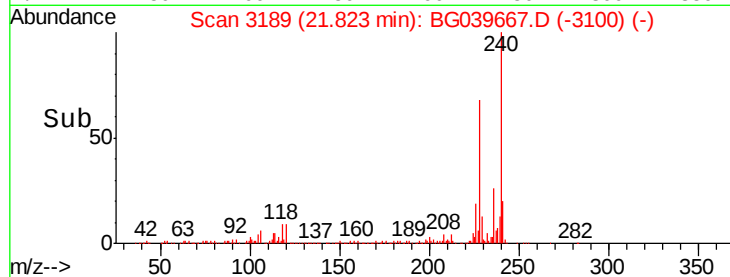
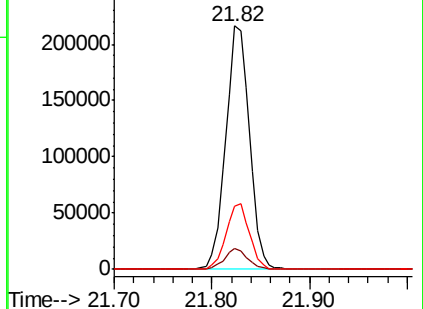
236 26.2 21.0 31.4



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: 54.680 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

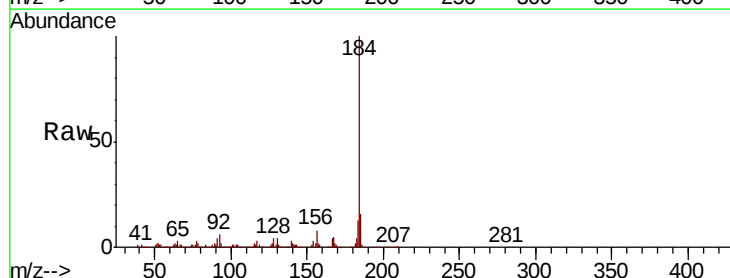
Tgt Ion:184 Resp: 650685

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

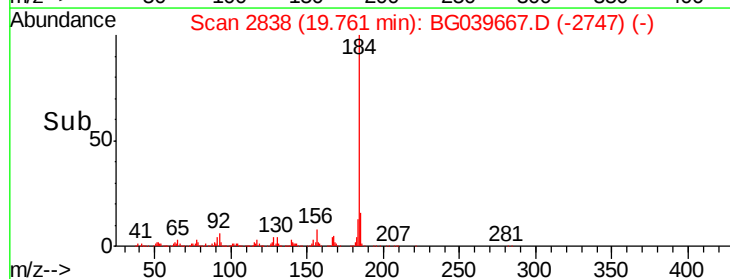
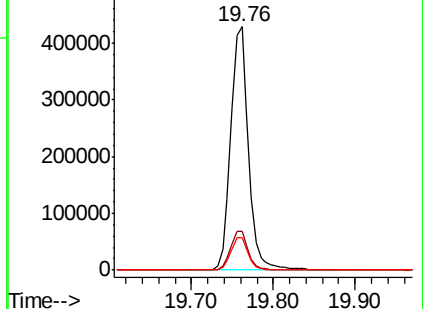
183 13.1 10.6 15.8

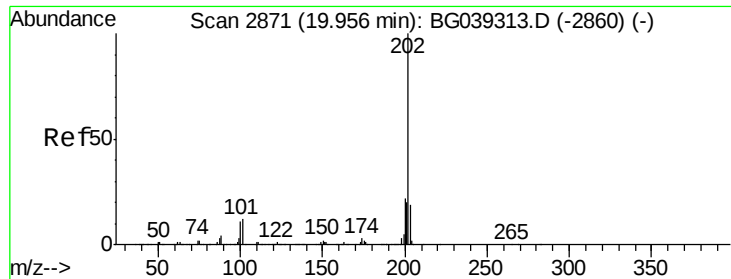


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 46.117 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

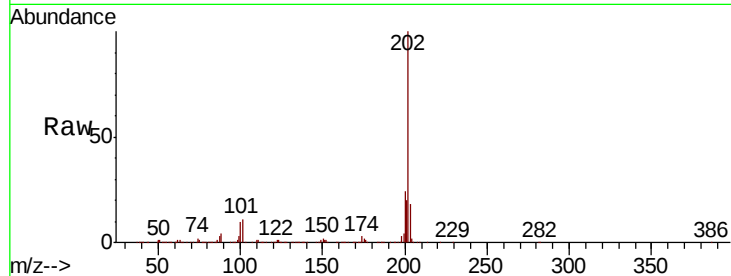
Tot Ion:202 Resp: 1042023

Ion Ratio Lower Upper

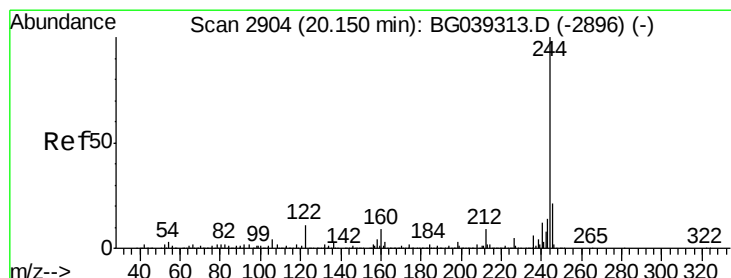
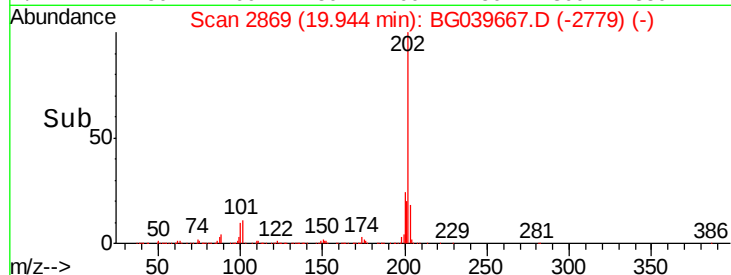
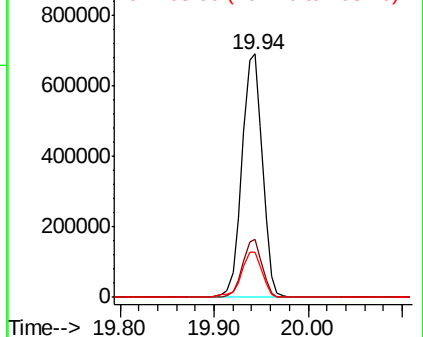
202 100

200 23.6 17.8 26.8

203 18.4 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: 84.761 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

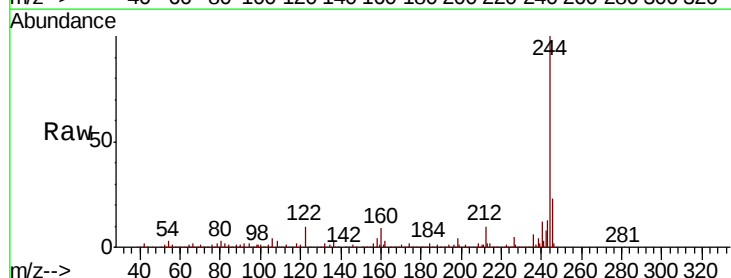
Tgt Ion:244 Resp: 1453456

Ion Ratio Lower Upper

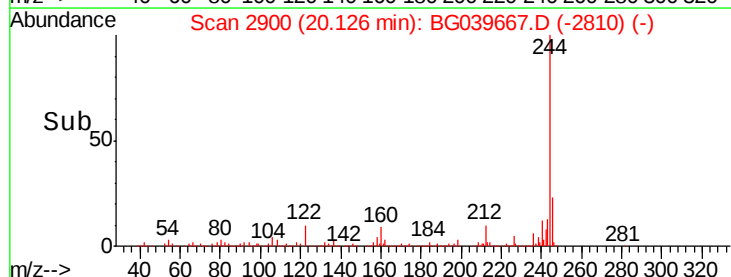
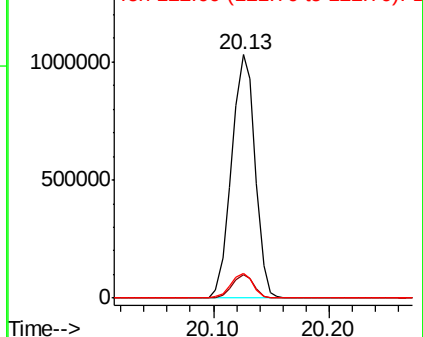
244 100

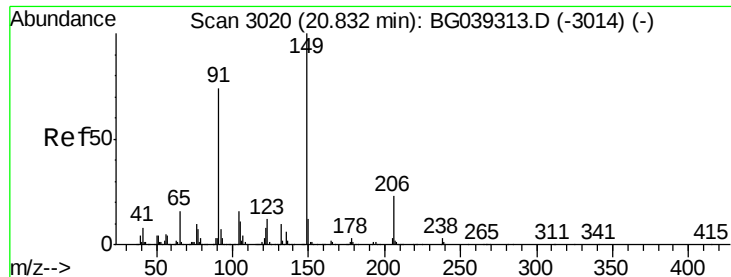
212 9.6 7.3 10.9

122 10.1 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: 46.523 ng

RT: 20.81 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

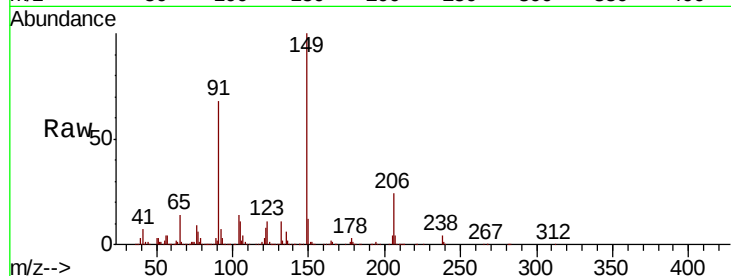
Tot Ion:149 Resp: 443433

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

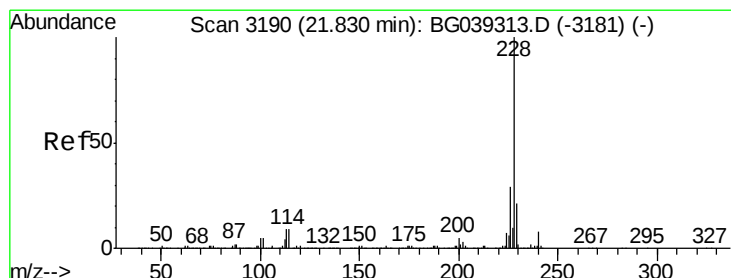
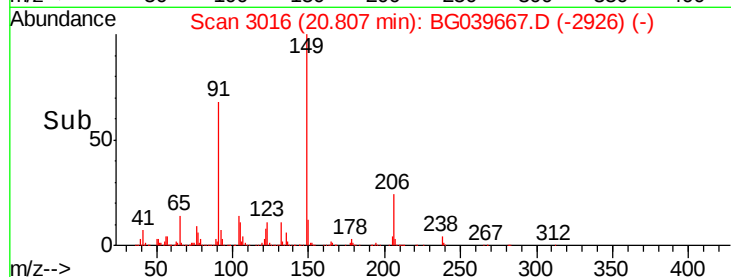
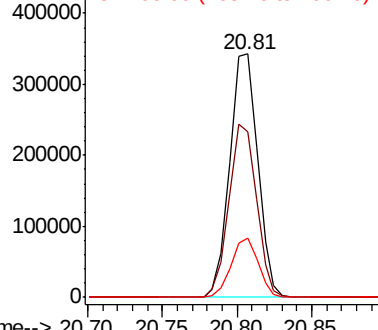
206 24.3 18.6 27.8



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: 47.524 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

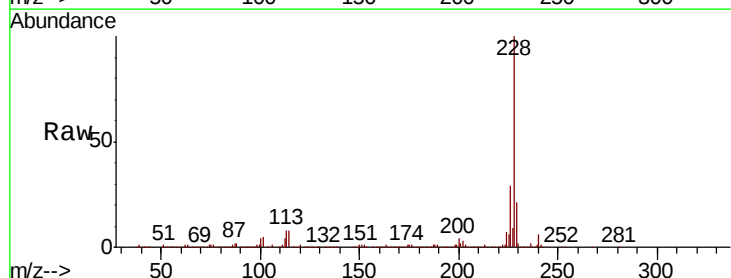
Tgt Ion:228 Resp: 1019265

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.6

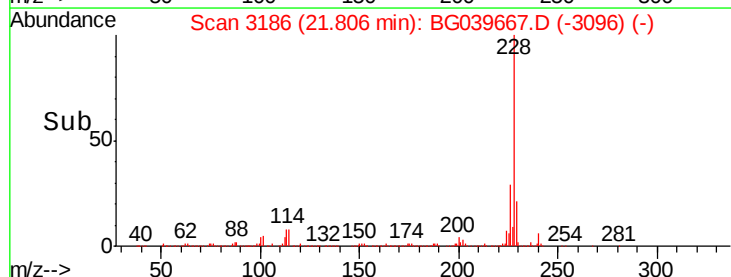
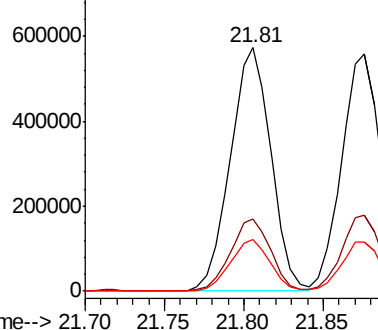
229 21.5 16.9 25.3

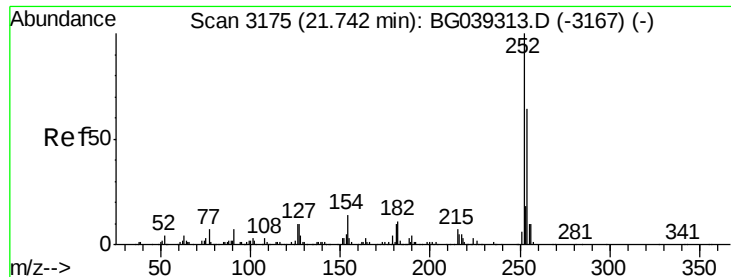


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 35.104 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

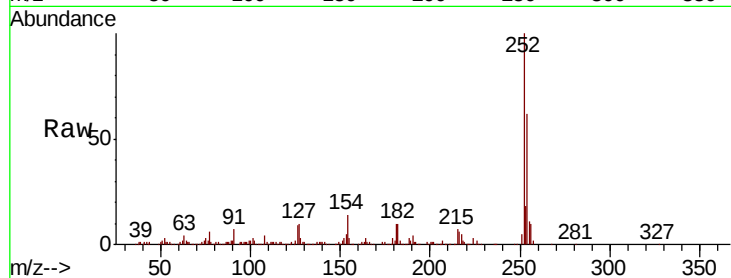
Tot Ion:252 Resp: 279162

Ion Ratio Lower Upper

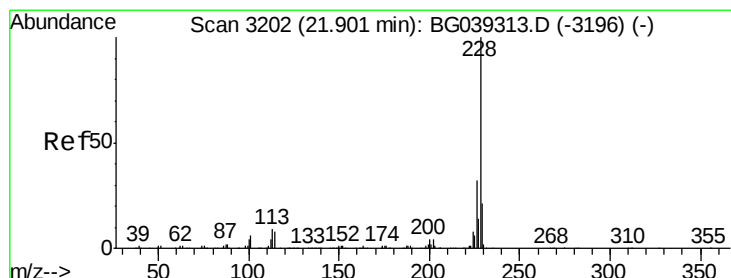
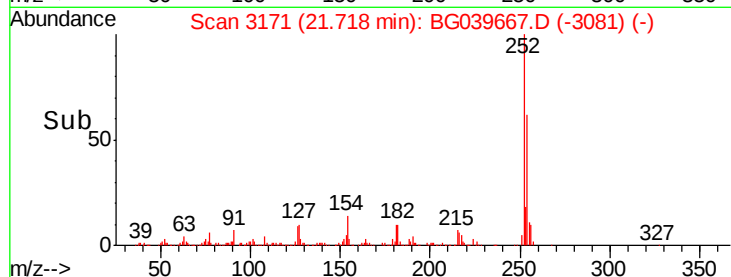
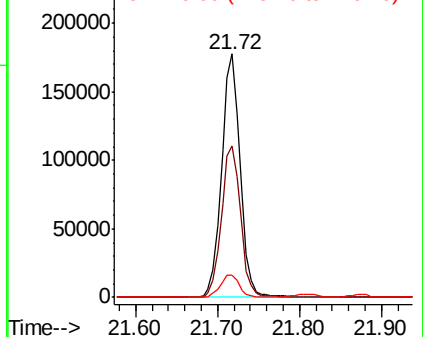
252 100

254 62.3 51.3 76.9

126 9.2 8.0 12.0



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



#83

Chrysene

Concen: 46.726 ng

RT: 21.88 min Scan# 3198

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

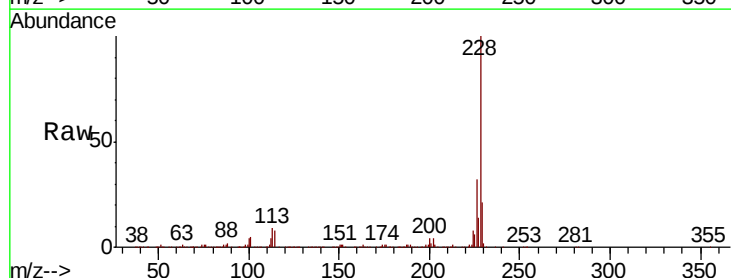
Tgt Ion:228 Resp: 953985

Ion Ratio Lower Upper

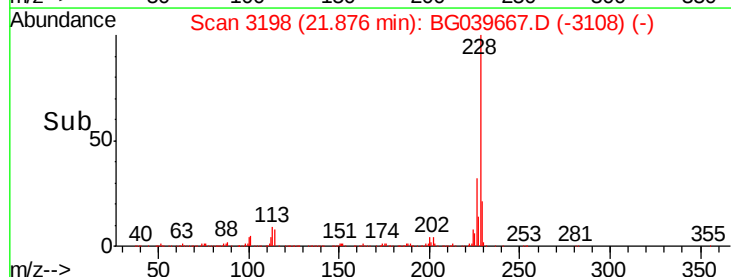
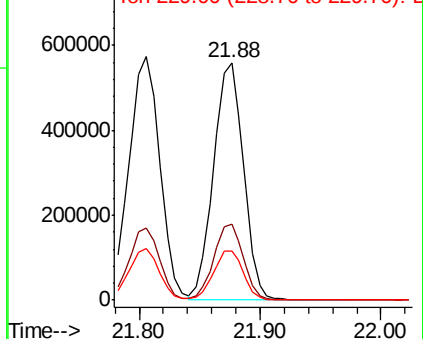
228 100

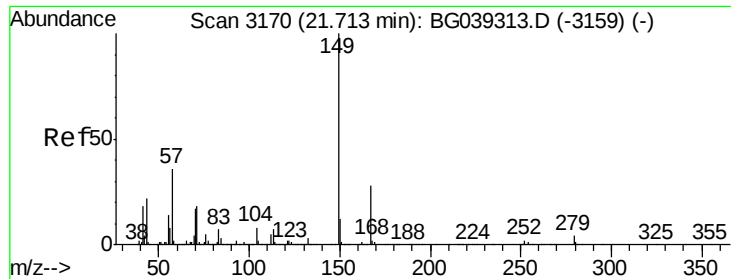
226 32.1 25.8 38.6

229 20.6 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: 45.849 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

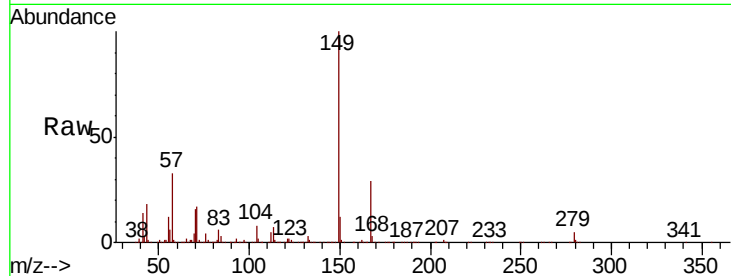
BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

Tot Ion:149 Resp: 623456

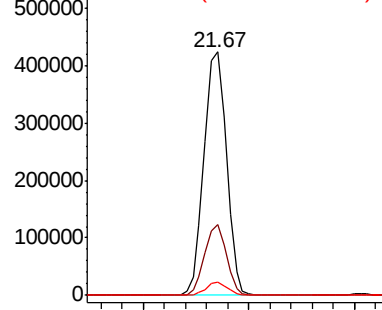
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	5.2	3.5	5.3



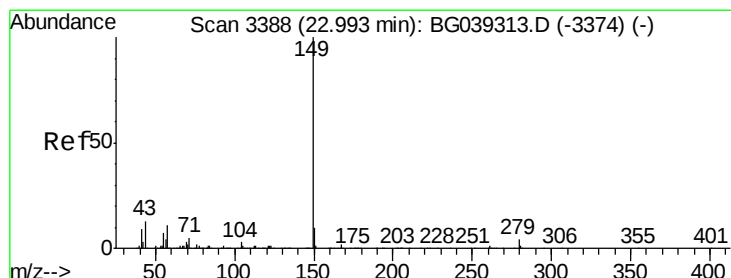
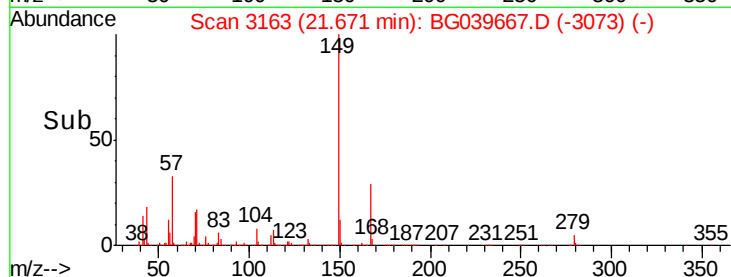
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 47.928 ng

RT: 22.93 min Scan# 3377

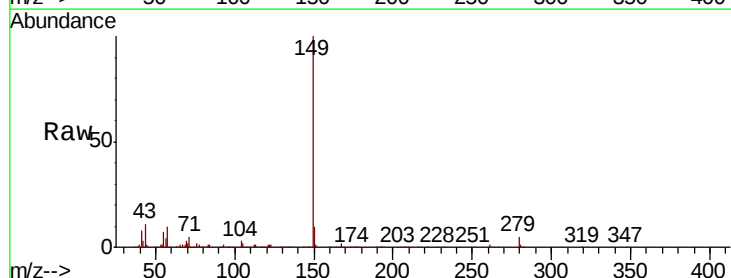
Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:149 Resp: 1076715

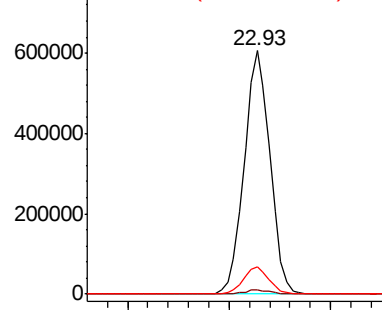
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.9	10.2	15.4



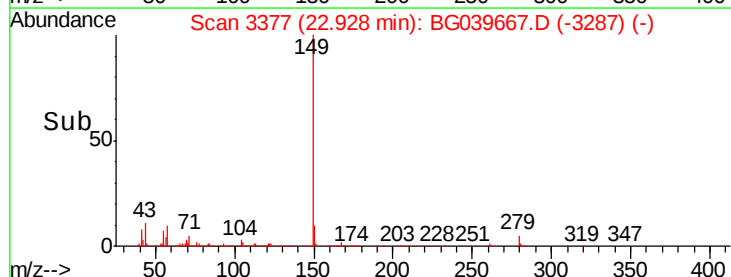
Abundance Ion 149.00 (148.70 to 149.70): E

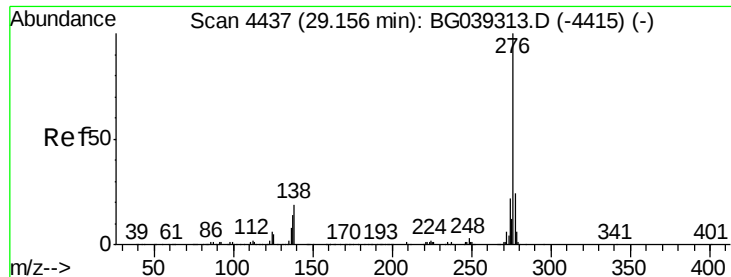
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->

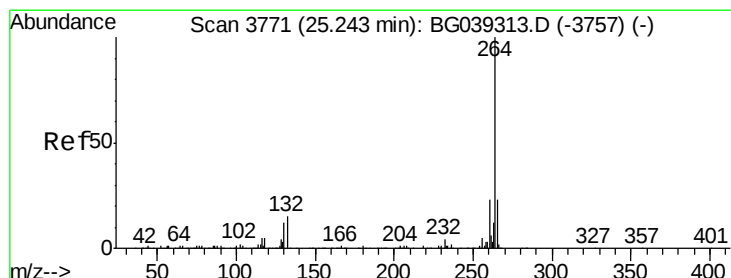
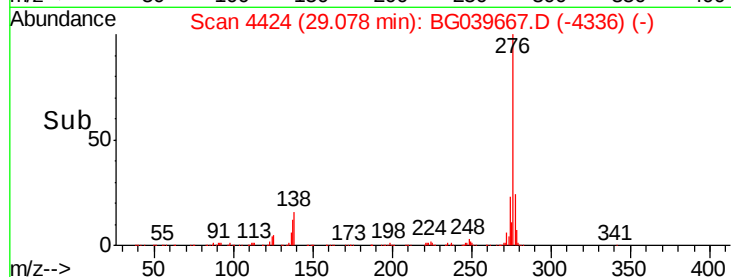
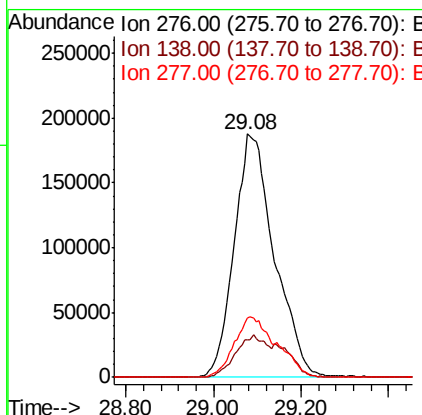
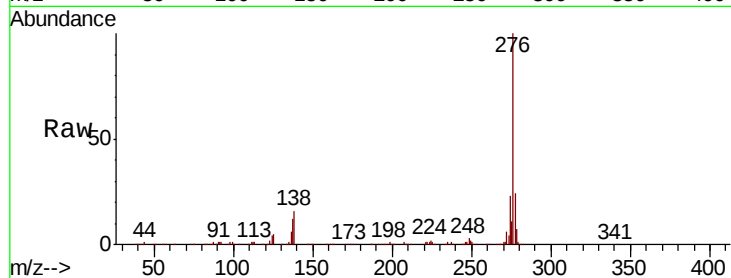




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 53.454 ng
 RT: 29.08 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

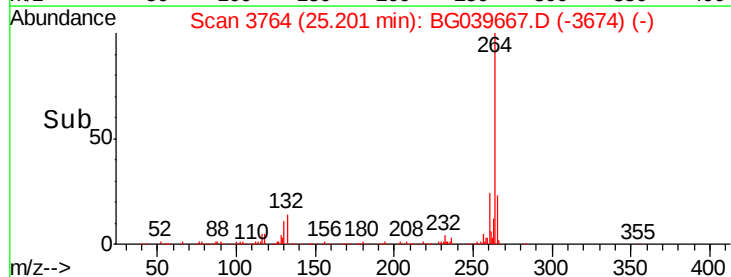
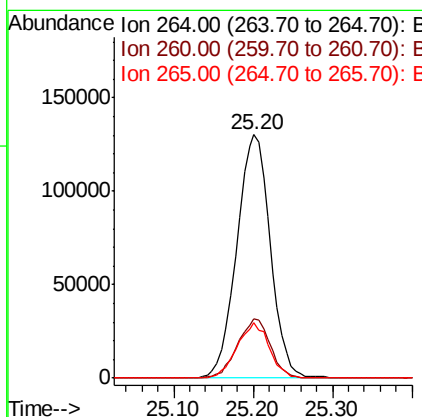
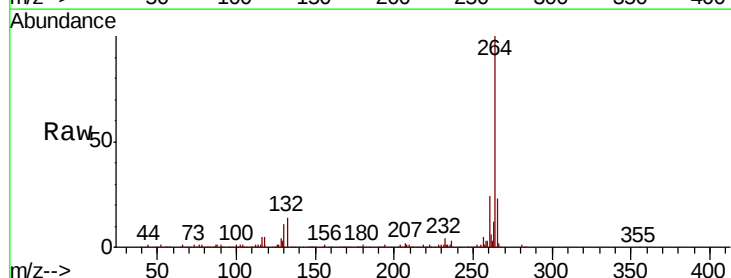
Instrument :
 BNA_G
 ClientSampleId :
 A0C5-1-0.5-1.0MSD

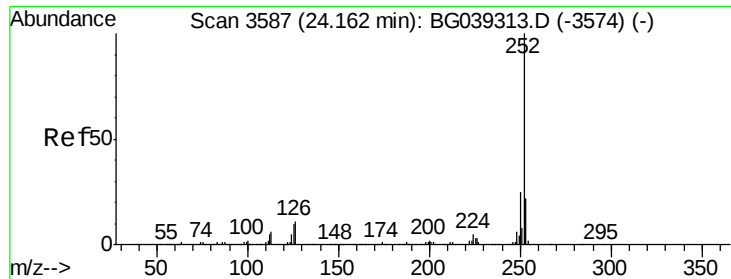
Tot Ion:276 Resp: 1170908
 Ion Ratio Lower Upper
 276 100
 138 13.7 12.6 19.0
 277 26.3 20.8 31.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. 0.00 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion:264 Resp: 381869
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 22.7 18.5 27.7





#88

Benzo(b)fluoranthene

Concen: 48.996 ng

RT: 24.12 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

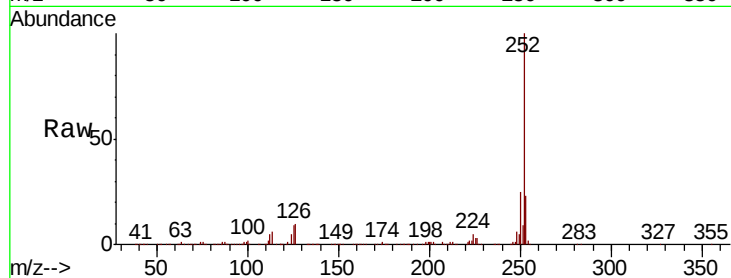
Tot Ion:252 Resp: 1020371

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

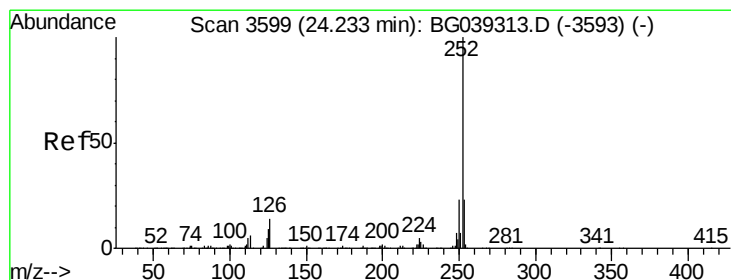
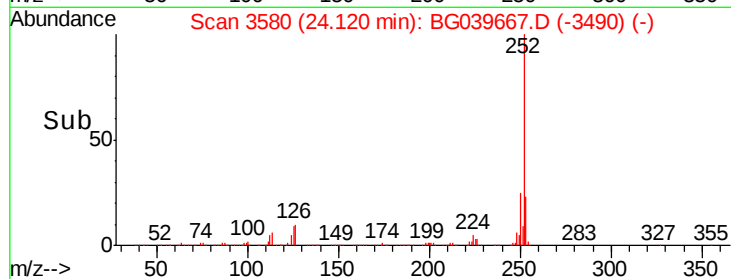
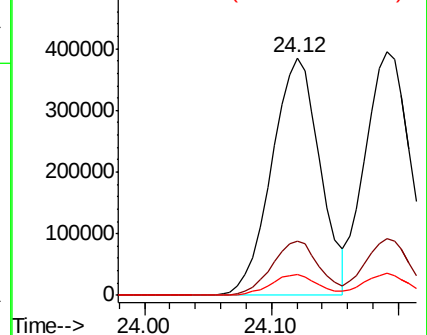
125 8.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 46.741 ng

RT: 24.19 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

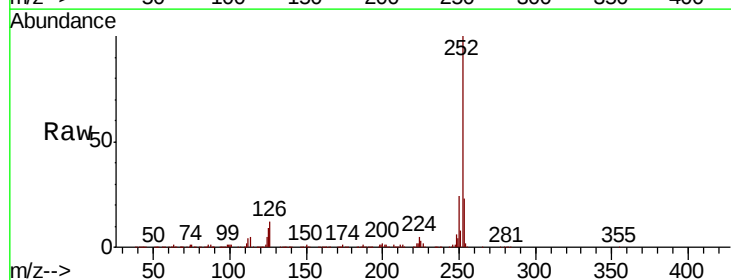
Tgt Ion:252 Resp: 977272

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

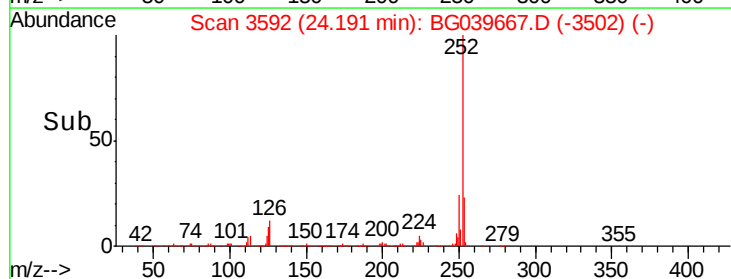
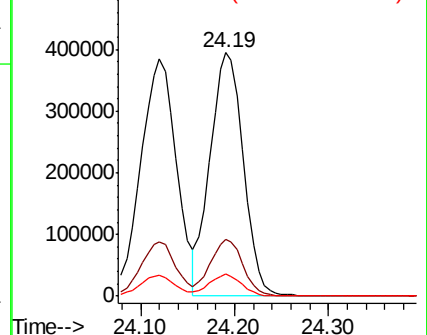
125 9.0 7.4 11.2

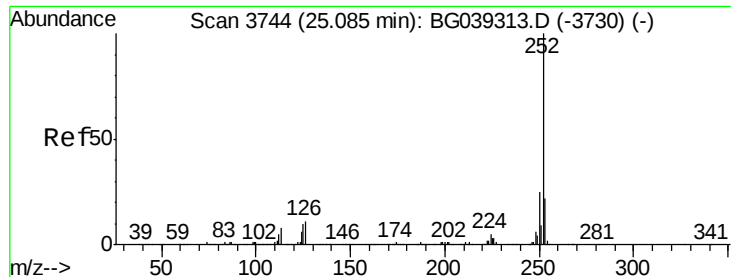


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 49.578 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

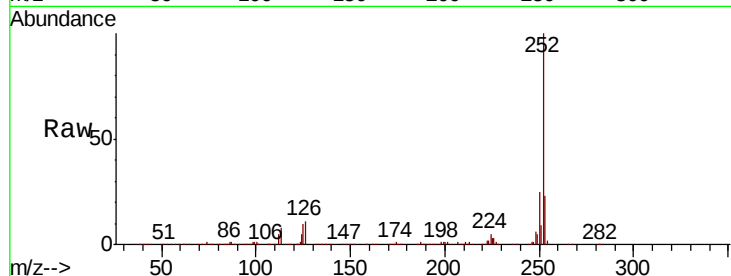
Tot Ion:252 Resp: 994367

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

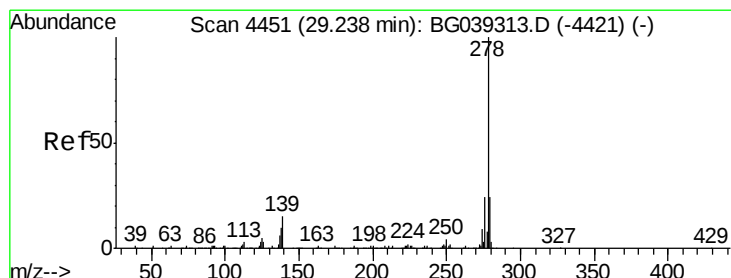
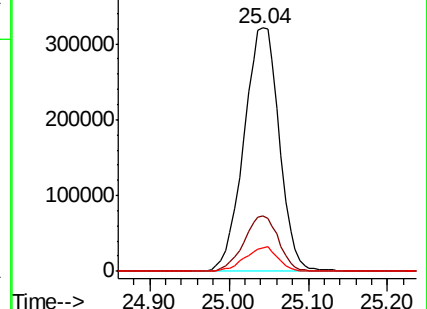
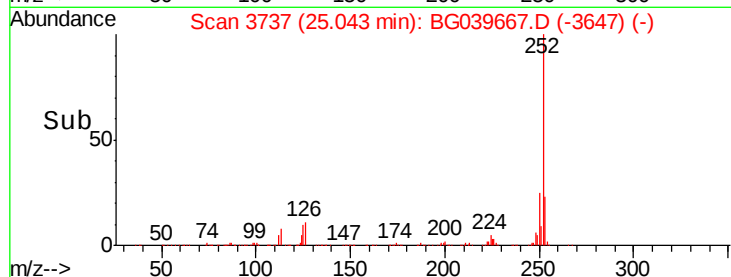
125 9.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 50.918 ng

RT: 29.16 min Scan# 4438

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

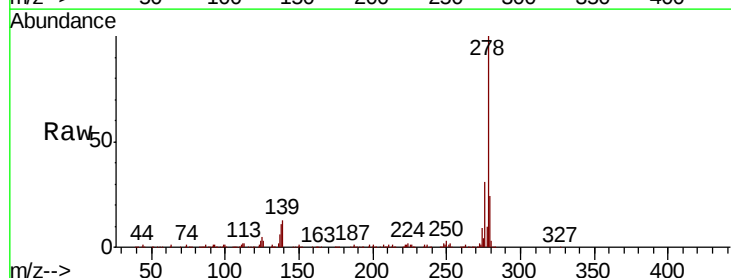
Tgt Ion:278 Resp: 956393

Ion Ratio Lower Upper

278 100

139 13.4 11.7 17.5

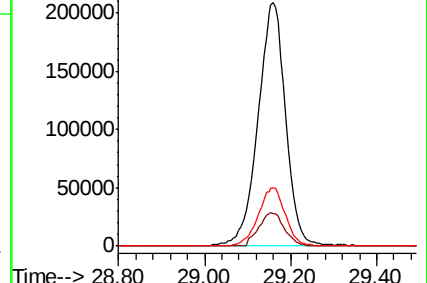
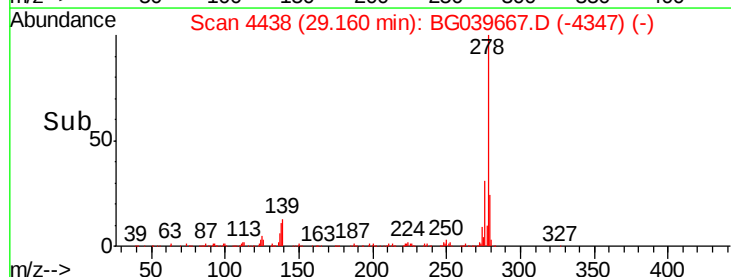
279 23.9 19.1 28.7

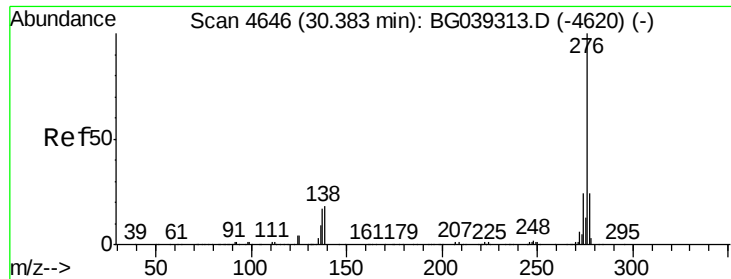


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 51.975 ng

RT: 30.32 min Scan# 4636

Delta R.T. 0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

A0C5-1-0.5-1.0MSD

Tot Ion: 276 Resp: 973050

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 16.9 14.7 22.1

