

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 :

Quant Time: Mar 01 06:05:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62505	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	285315	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	211133	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	447111	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	362962	20.00	ng	-0.02
87) Perylene-d12	25.20	264	381869	20.00	ng	-0.04

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	-0.02
42) 2,4,6-Tribromophenol	16.28	330	339713	149.42	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1251592	85.04	ng	-0.02
79) Terphenyl-d14	20.13	244	1453456	84.76	ng	-0.02

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
32) Benzoic acid	10.14	122	208390	72.144	ng	# 15
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

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 :

Quant Time: Mar 01 06:05:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

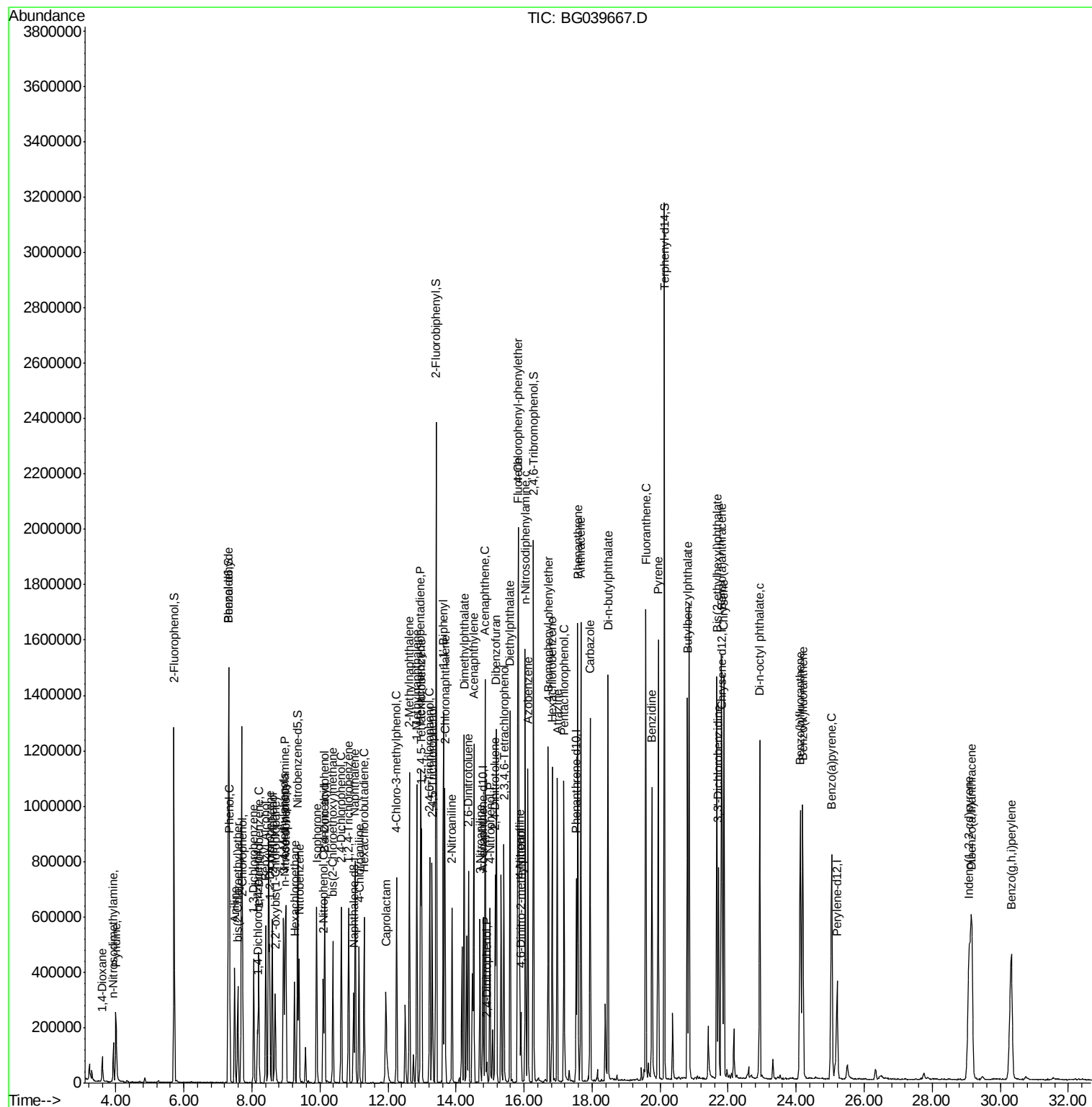
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	347519	94.936	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	197637	47.850	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	222031	51.290	ng	98
46) 1,1'-Biphenyl	13.63	154	713446	40.613	ng	98
47) 2-Chloronaphthalene	13.68	162	557546	42.190	ng	98
48) 2-Nitroaniline	13.89	65	196480	51.107	ng	97
49) Acenaphthylene	14.52	152	899926	45.130	ng	98
50) Dimethylphthalate	14.24	163	821127	48.155	ng	99
51) 2,6-Dinitrotoluene	14.37	165	171628	53.054	ng	94
52) Acenaphthene	14.86	154	551647	42.619	ng	97
53) 3-Nitroaniline	14.70	138	147476	43.504	ng	# 91
54) 2,4-Dinitrophenol	14.90	184	18125	20.938	ng	91
55) Dibenzofuran	15.19	168	893917	43.074	ng	98
56) 4-Nitrophenol	15.00	139	171502	57.391	ng	88
57) 2,4-Dinitrotoluene	15.16	165	236655	56.346	ng	# 83
58) Fluorene	15.84	166	699612	45.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195190	48.156	ng	96
60) Diethylphthalate	15.59	149	759369	43.071	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	385963	44.060	ng	98
62) 4-Nitroaniline	15.87	138	161369	45.380	ng	96
63) Azobenzene	16.11	77	671797	38.985	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	59207	37.201	ng	98
66) n-Nitrosodiphenylamine	16.04	169	643093	47.303	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	249703	50.341	ng	93
68) Hexachlorobenzene	16.83	284	250227	50.281	ng	95
69) Atrazine	16.98	200	211193	42.509	ng	97
70) Pentachlorophenol	17.18	266	219338	63.414	ng	100
71) Phenanthrene	17.58	178	1053014	45.504	ng	97
72) Anthracene	17.67	178	1052936	46.193	ng	97
73) Carbazole	17.94	167	863407	37.955	ng	99
74) Di-n-butylphthalate	18.47	149	1035782	39.029	ng	99
75) Fluoranthene	19.58	202	1067302	39.736	ng	99
77) Benzidine	19.76	184	650685	54.680	ng	99
78) Pyrene	19.94	202	1042023	46.117	ng	98
80) Butylbenzylphthalate	20.81	149	443433	46.523	ng	94
81) Benzo(a)anthracene	21.81	228	1019265	47.524	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	279162	35.104	ng	98
83) Chrysene	21.88	228	953985	46.726	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	623456	45.849	ng	99
85) Di-n-octyl phthalate	22.93	149	1076715	47.928	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1170908	53.454	ng	98
88) Benzo(b)fluoranthene	24.12	252	1020371	48.996	ng	99
89) Benzo(k)fluoranthene	24.19	252	977272	46.741	ng	99
90) Benzo(a)pyrene	25.04	252	994367	49.578	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	956393	50.918	ng	99
92) Benzo(g,h,i)perylene	30.32	276	973050	51.975	ng	97

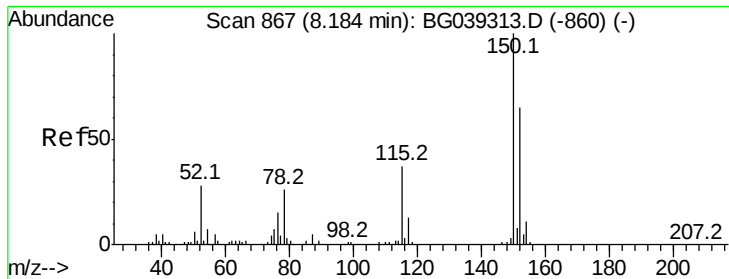
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
ClientSampled :

Quant Time: Mar 01 06:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



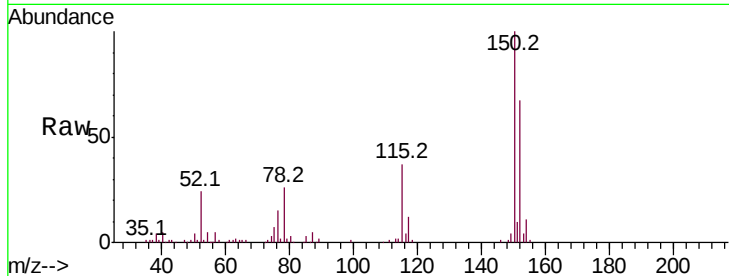


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

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

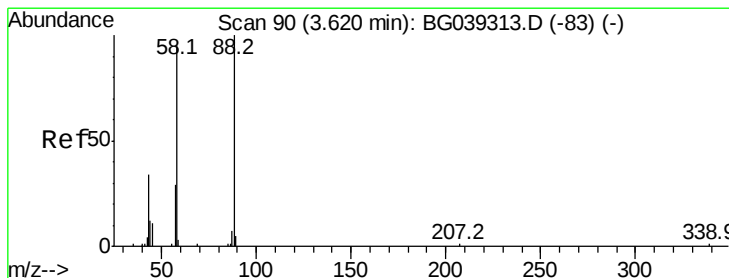
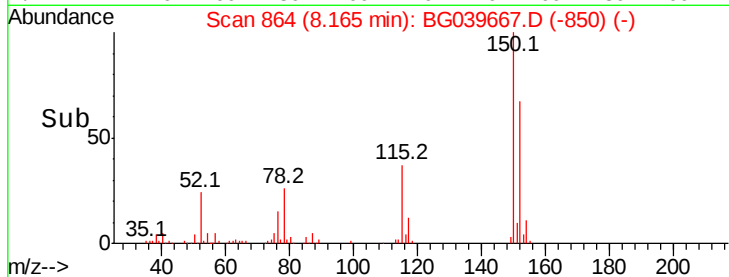
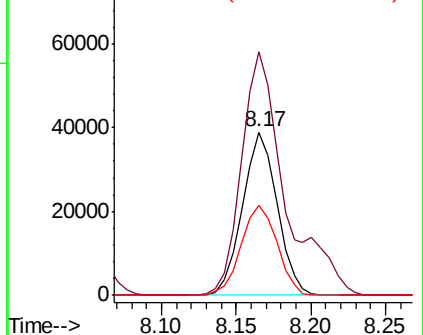


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

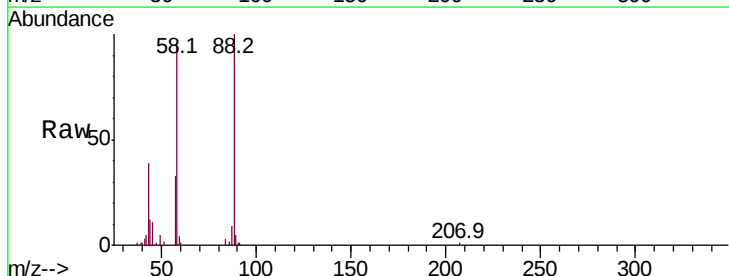
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.604 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 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

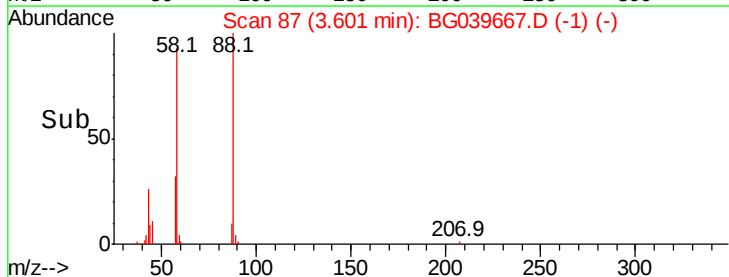
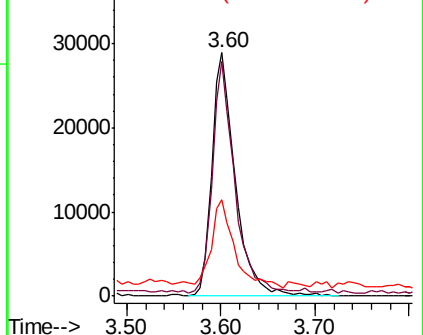


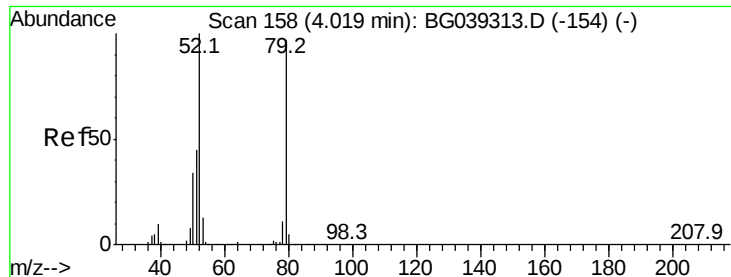
Abundance

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

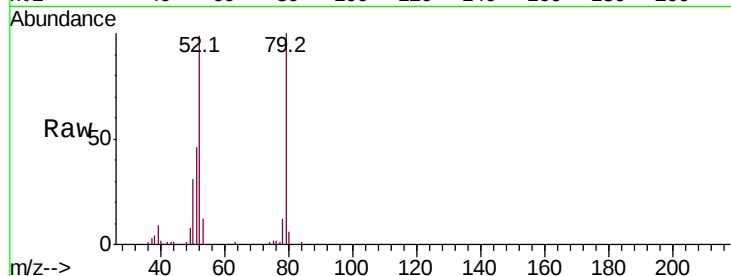
Tot Ion: 79 Resp: 154282

Ion Ratio Lower Upper

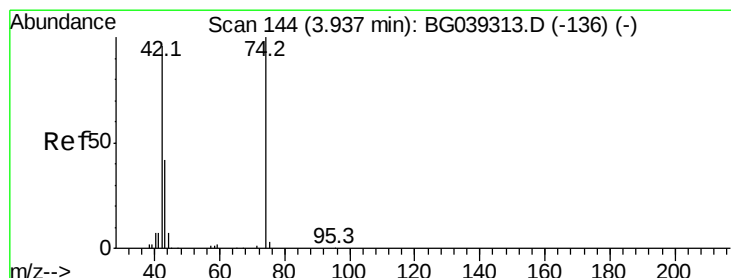
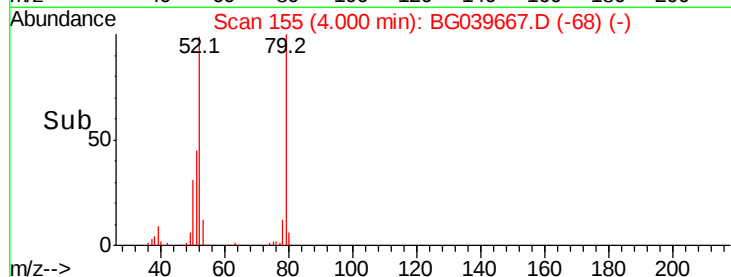
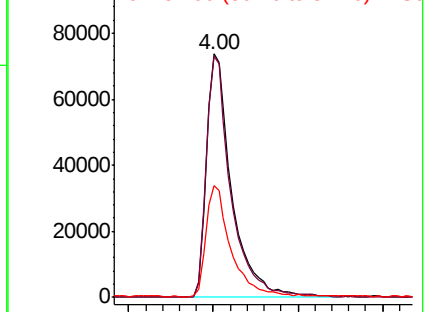
79 100

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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

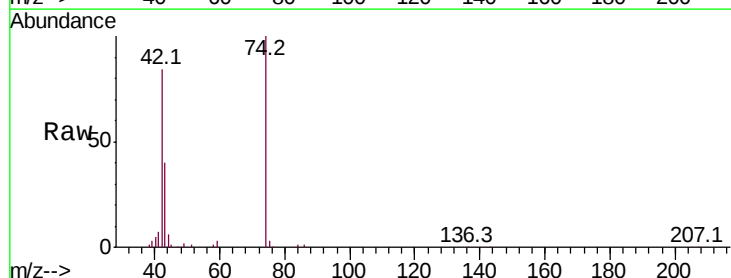
Tgt Ion: 42 Resp: 85856

Ion Ratio Lower Upper

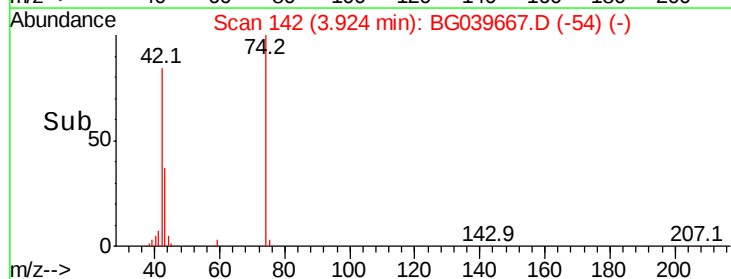
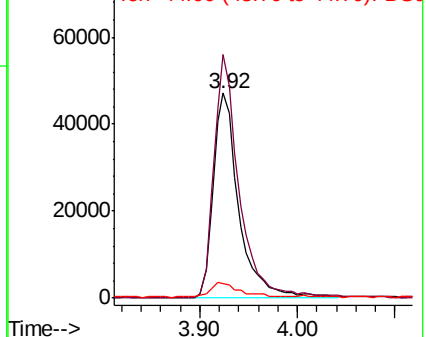
42 100

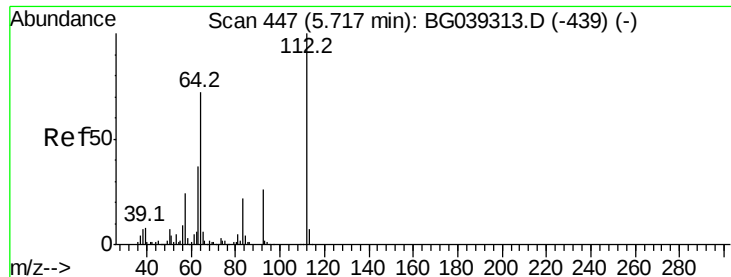
74 118.7 83.6 125.4

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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

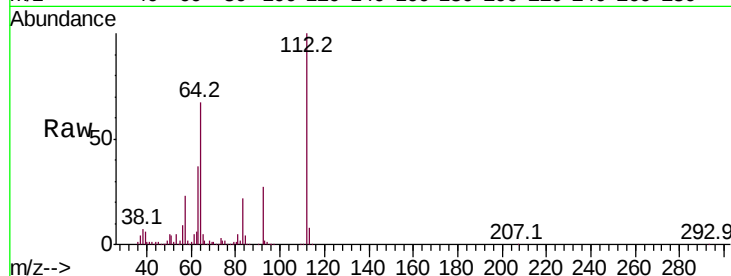
Tot Ion:112 Resp: 546231

Ion Ratio Lower Upper

112 100

64 67.3 57.8 86.8

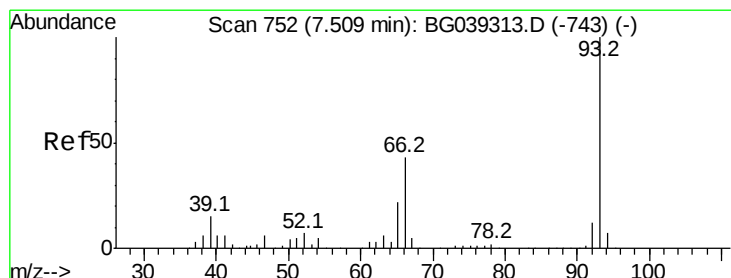
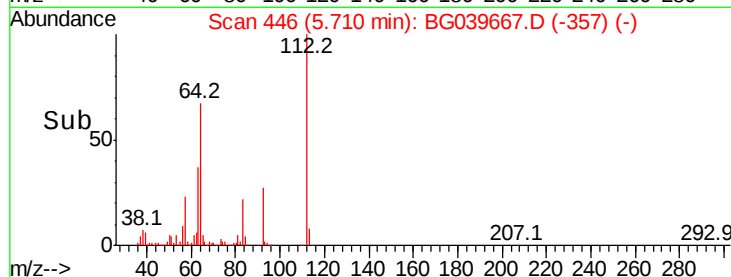
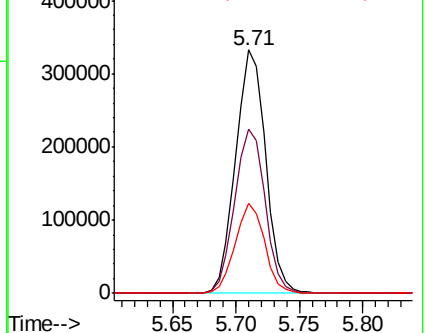
63 36.8 29.8 44.6



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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

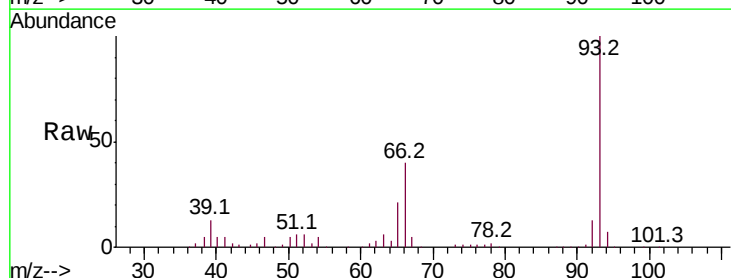
Tgt Ion: 93 Resp: 288477

Ion Ratio Lower Upper

93 100

66 39.8 34.2 51.4

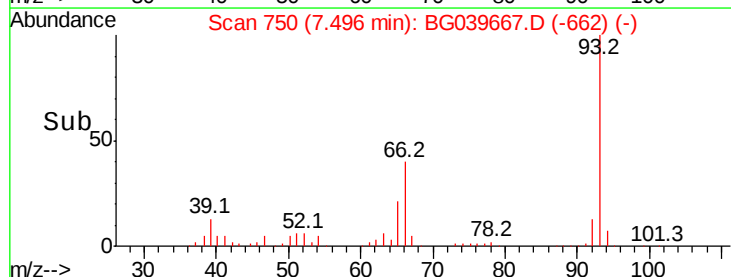
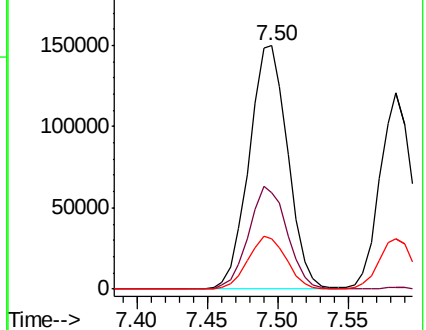
65 20.7 17.7 26.5

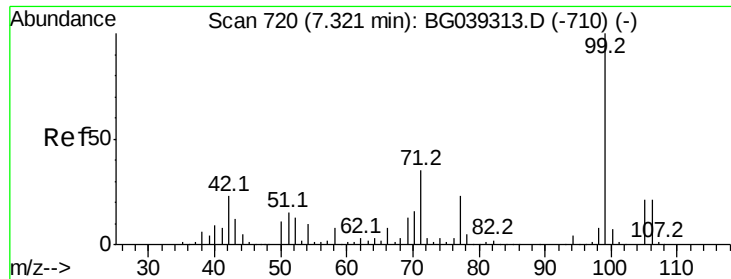


Abundance Ion 93.00 (92.70 to 93.70): BGC

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. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampled :

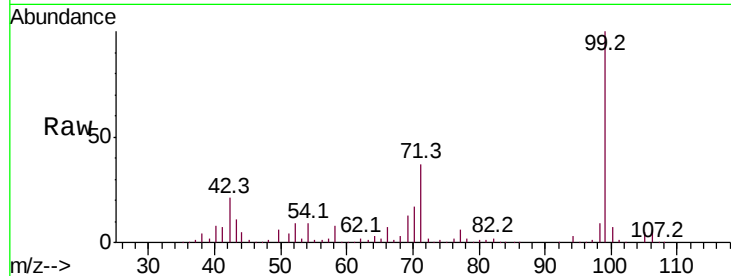
Tot Ion: 99 Resp: 823291

Ion Ratio Lower Upper

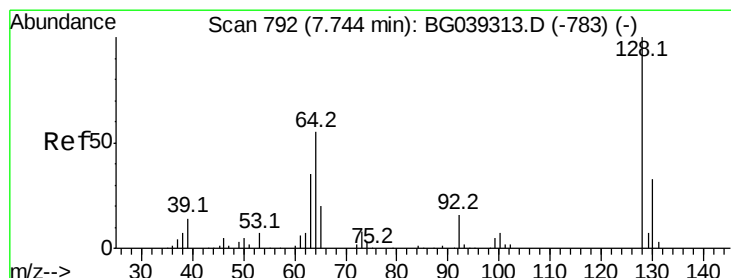
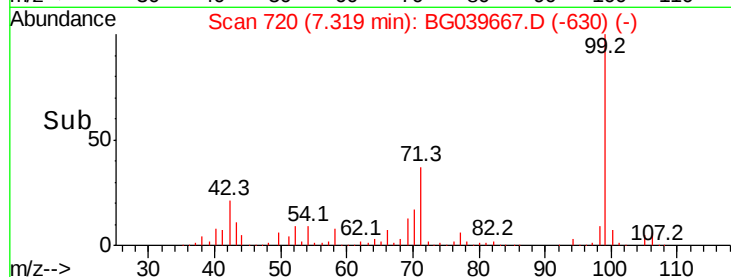
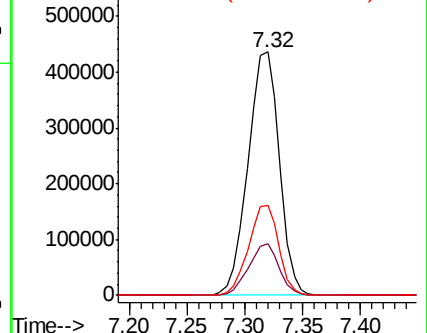
99 100

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

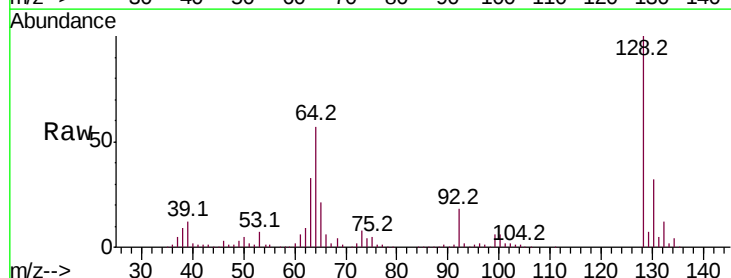
Tgt Ion: 128 Resp: 198199

Ion Ratio Lower Upper

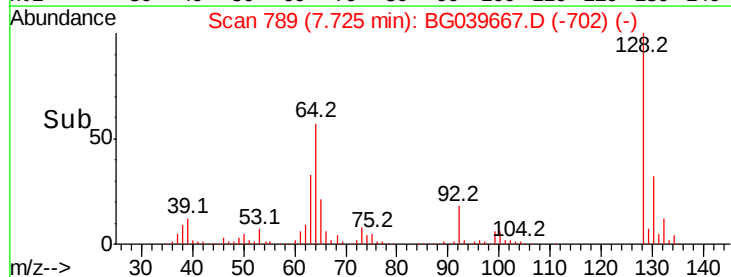
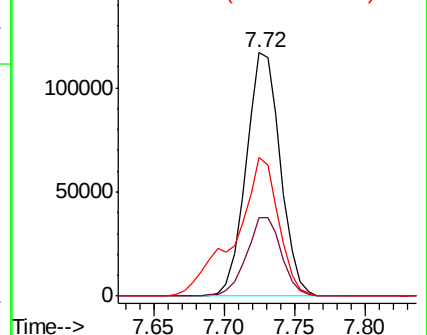
128 100

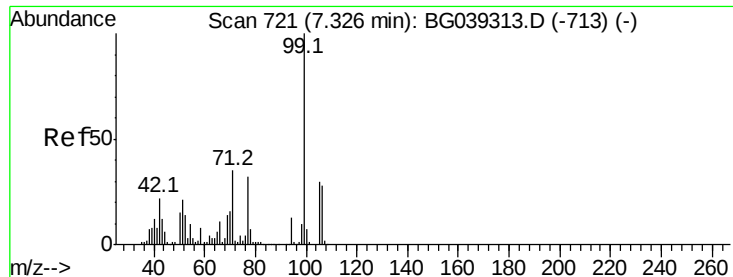
130 32.4 12.9 52.9

64 56.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.793 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

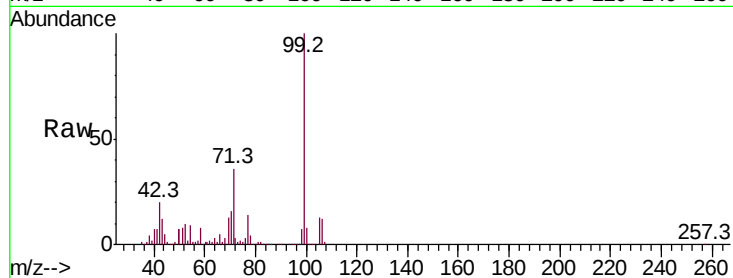
Tot Ion: 77 Resp: 86176

Ion Ratio Lower Upper

77 100

105 92.8 74.5 114.5

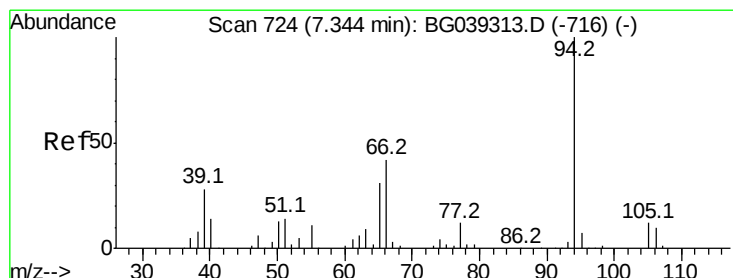
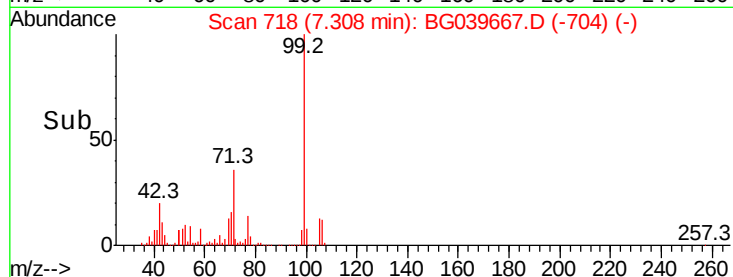
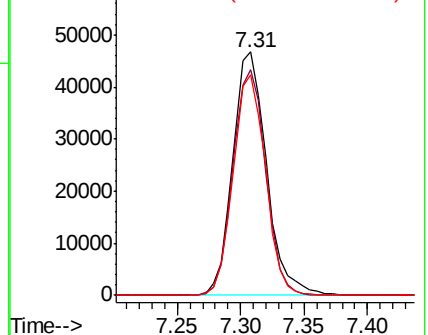
106 90.7 68.0 108.0



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. -0.00 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

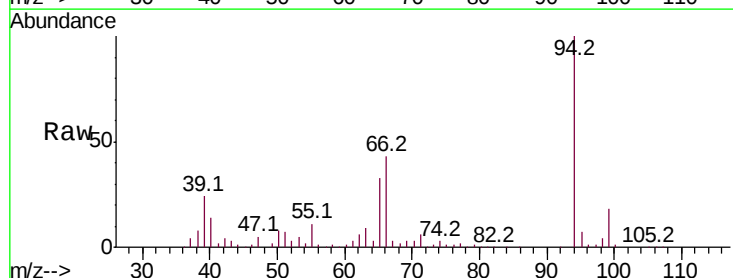
Tgt Ion: 94 Resp: 287595

Ion Ratio Lower Upper

94 100

65 32.5 11.7 51.7

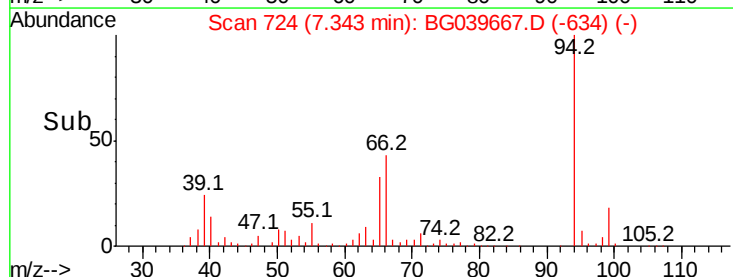
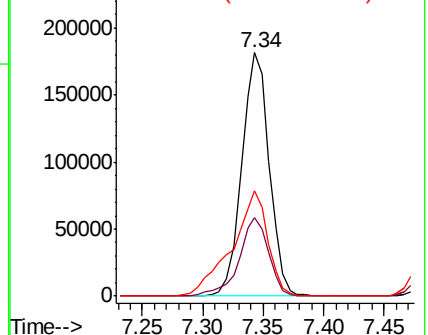
66 43.2 23.7 63.7

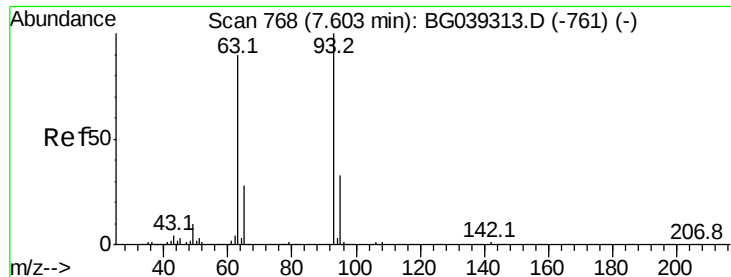


Abundance Ion 94.00 (93.70 to 94.70): BGC

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

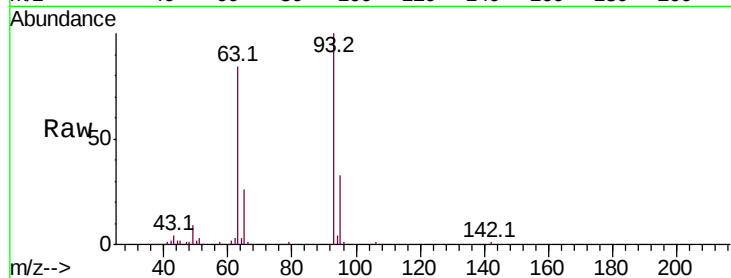
Tot Ion: 93 Resp: 191678

Ion Ratio Lower Upper

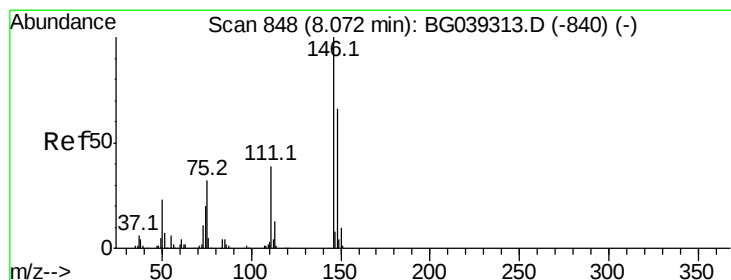
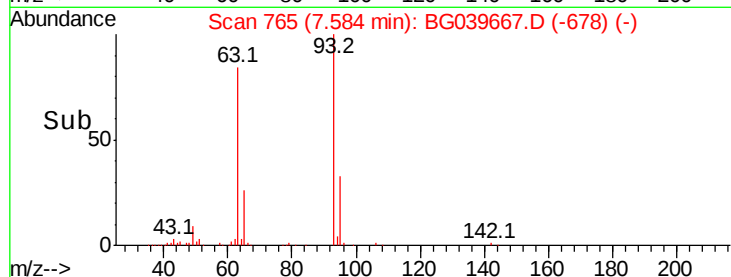
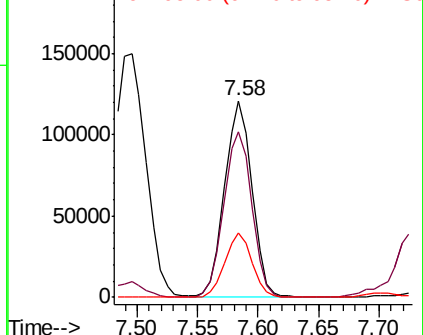
93 100

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

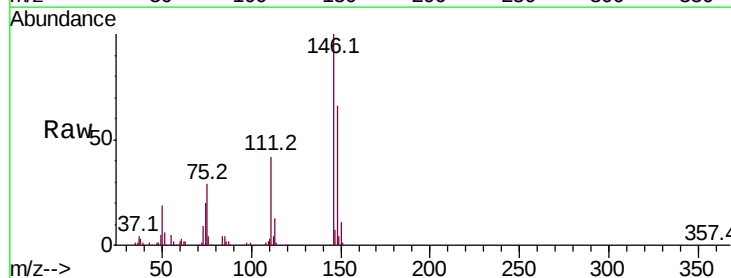
Tgt Ion: 146 Resp: 195520

Ion Ratio Lower Upper

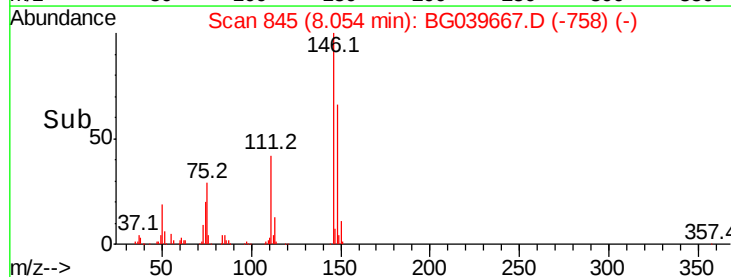
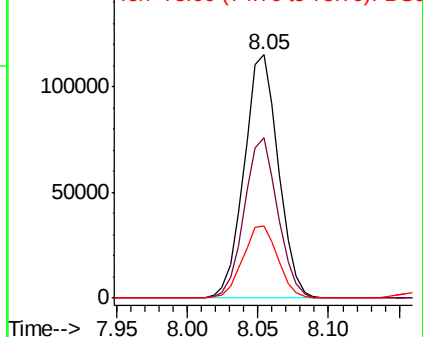
146 100

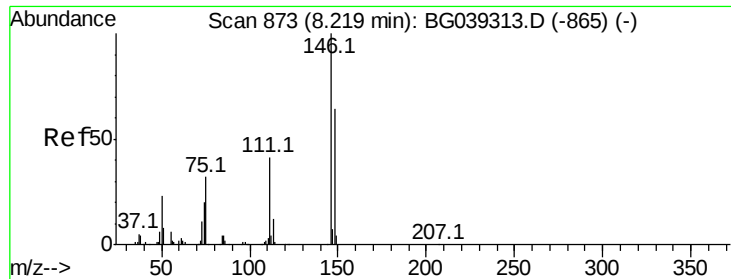
148 65.9 52.6 79.0

75 29.5 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

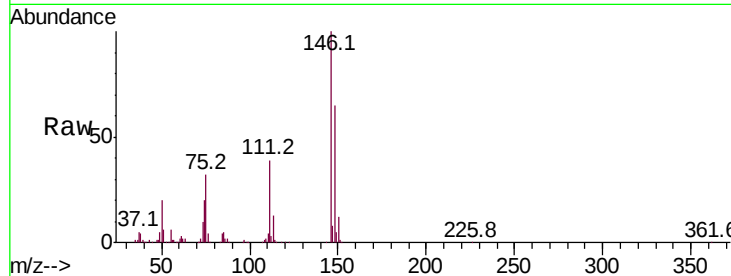
Tot Ion:146 Resp: 200511

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

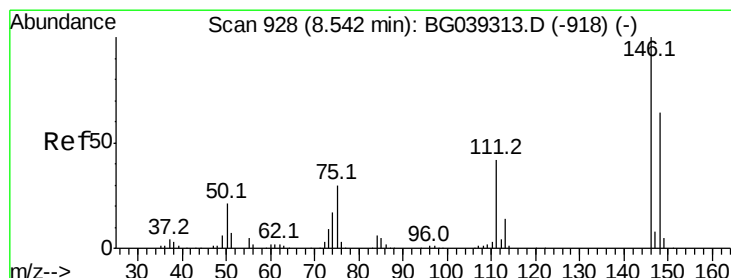
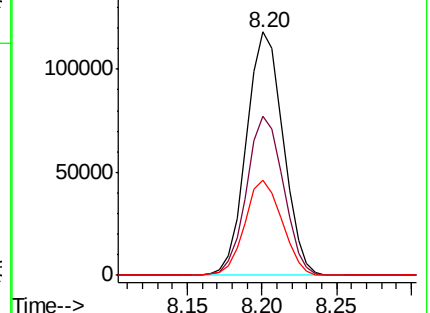
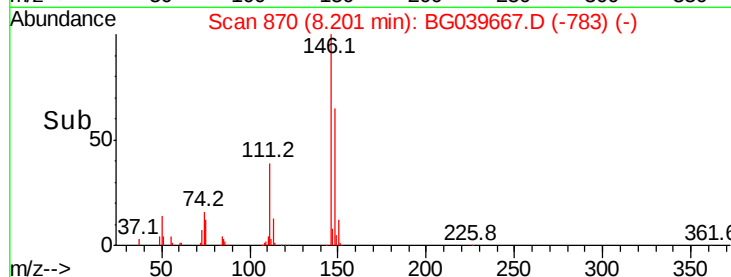
111 39.1 32.6 48.8



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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

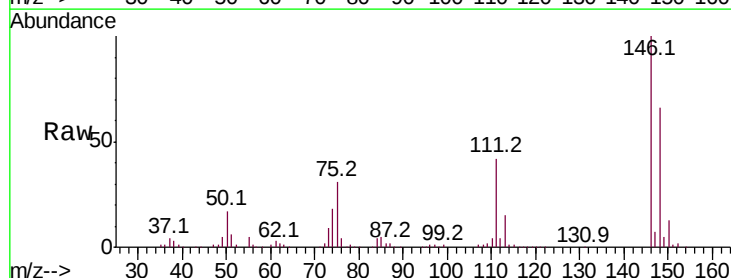
Tgt Ion:146 Resp: 196940

Ion Ratio Lower Upper

146 100

148 66.3 51.5 77.3

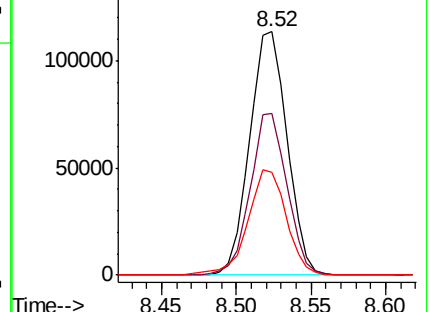
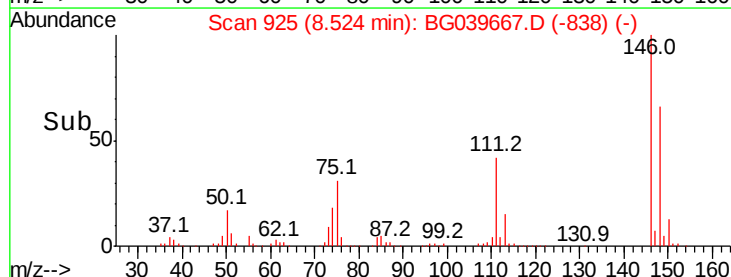
111 42.4 33.8 50.6

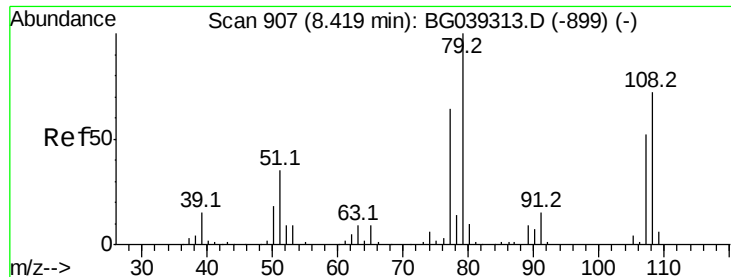


Abundance Ion 146.00 (145.70 to 146.70): E

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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

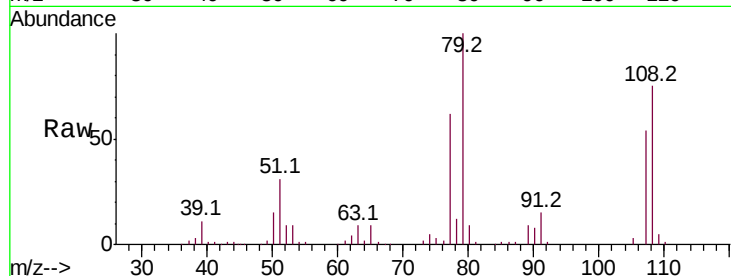
Tot Ion: 79 Resp: 201985

Ion Ratio Lower Upper

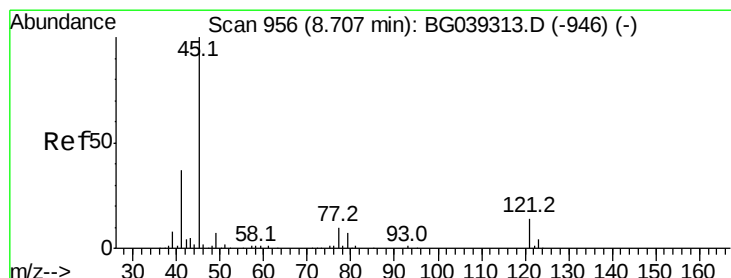
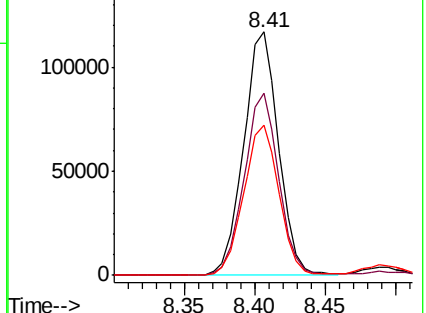
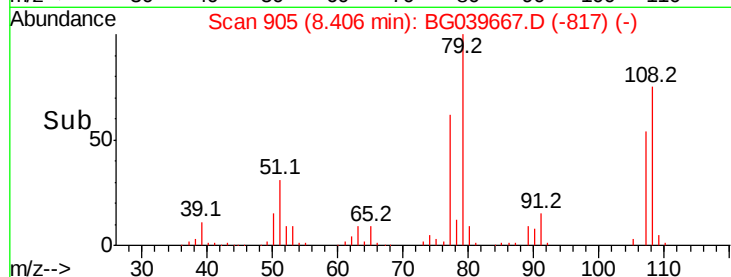
79 100

108 74.8 57.8 86.6

77 61.7 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.788 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

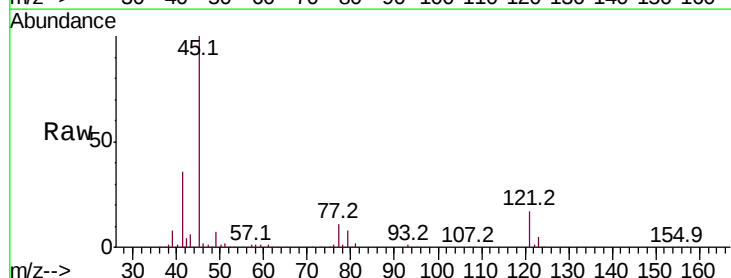
Tgt Ion: 45 Resp: 357866

Ion Ratio Lower Upper

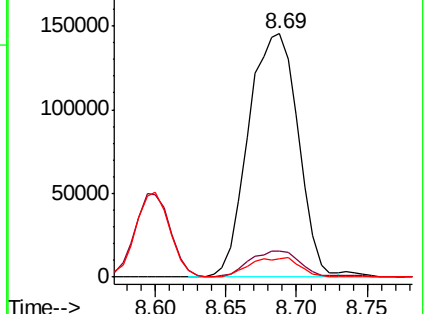
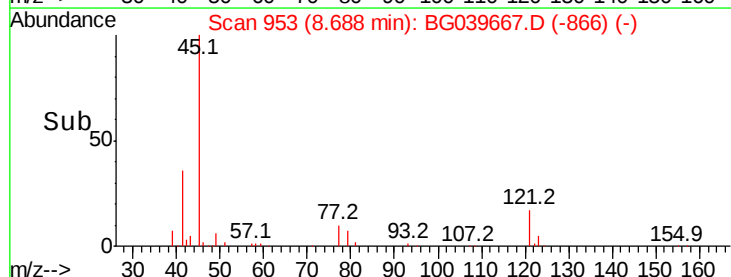
45 100

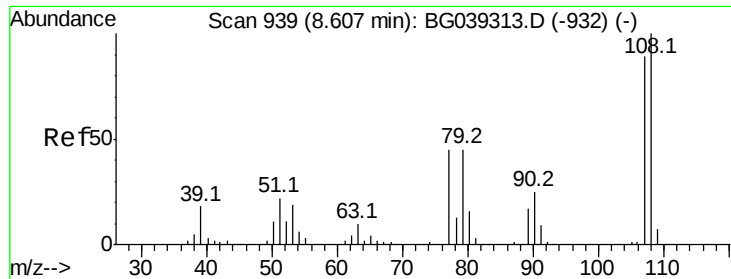
77 10.7 0.0 30.0

79 7.7 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

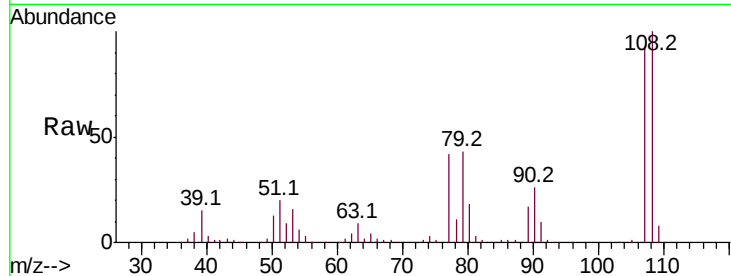




#17
2-Methylphenol
Concen: 51.410 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot 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



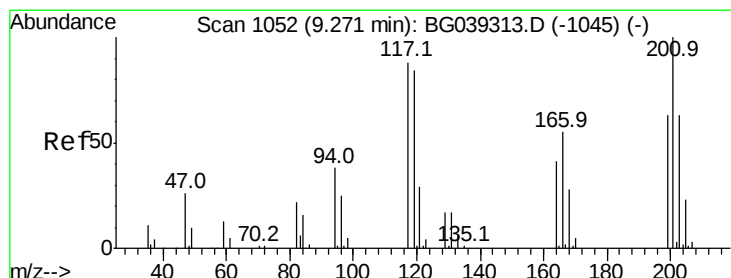
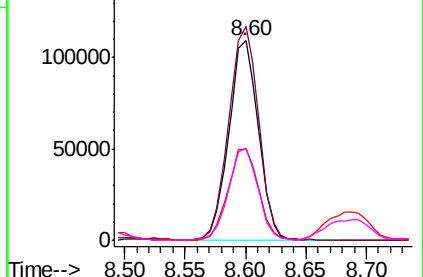
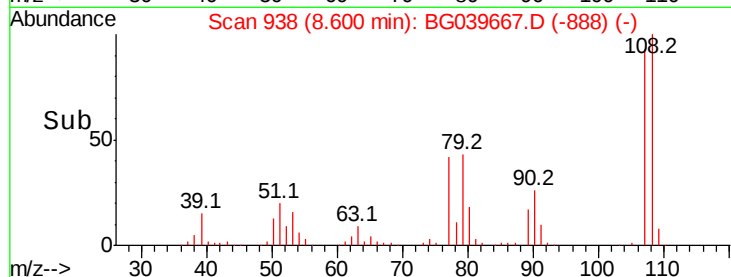
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

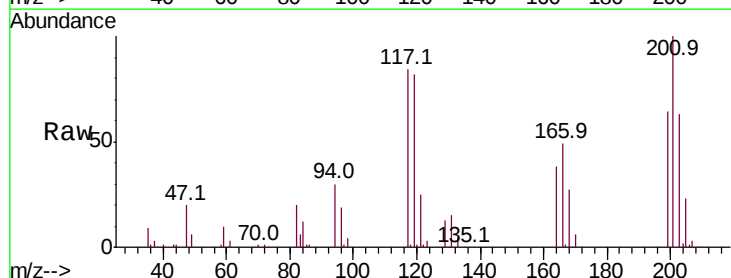
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.676 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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

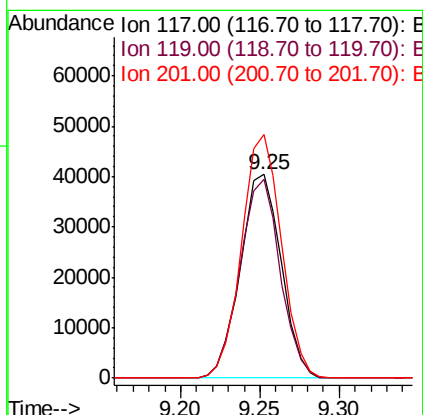
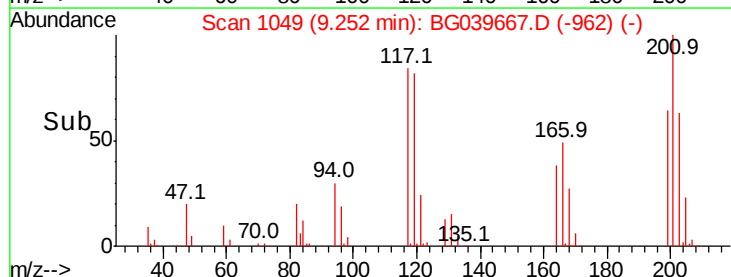


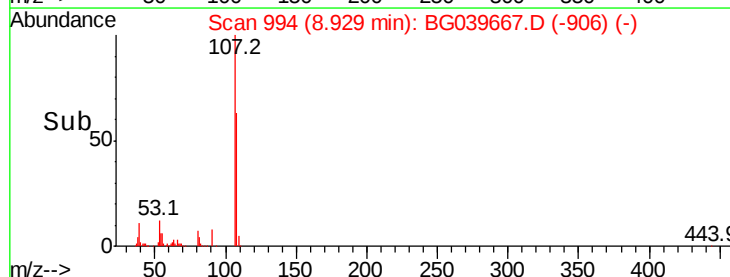
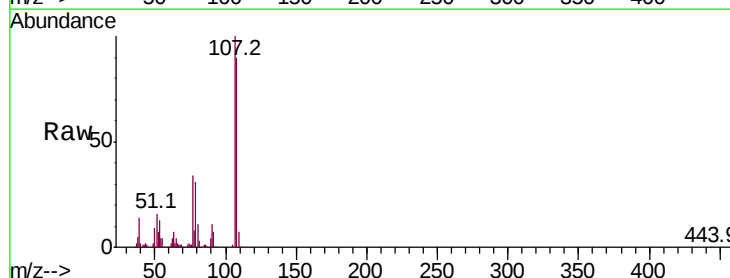
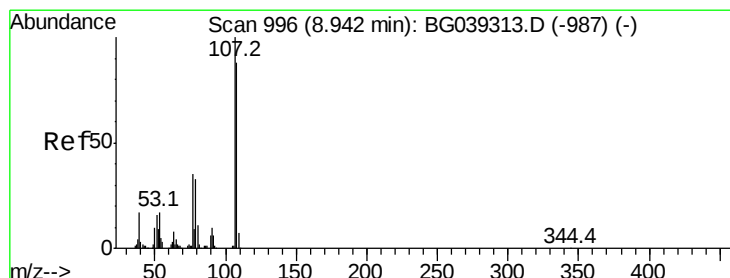
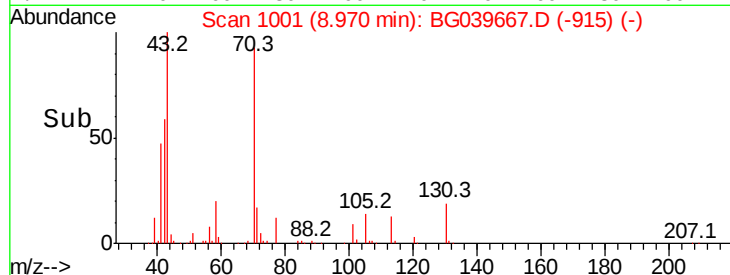
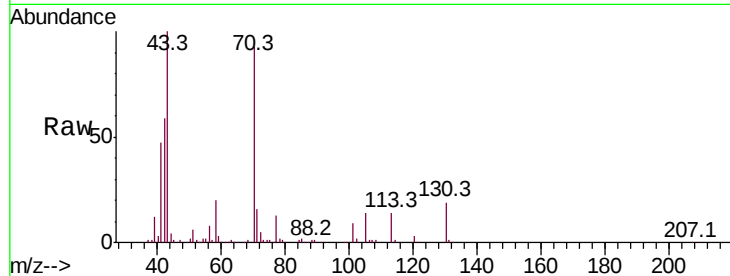
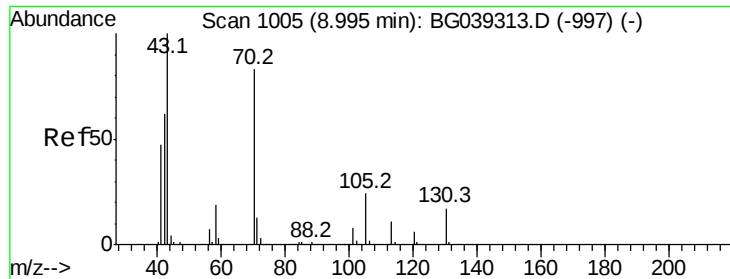
Abundance

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 169526

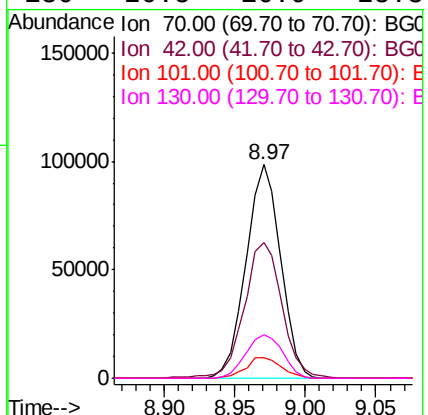
Ion Ratio Lower Upper

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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:107 Resp: 258237

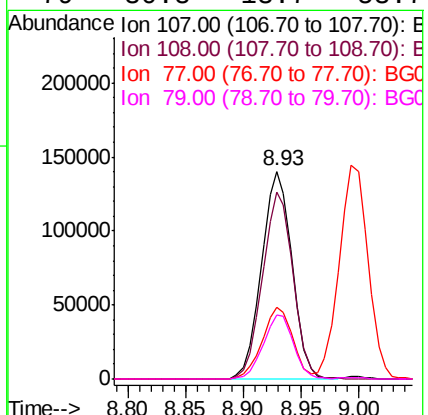
Ion Ratio Lower Upper

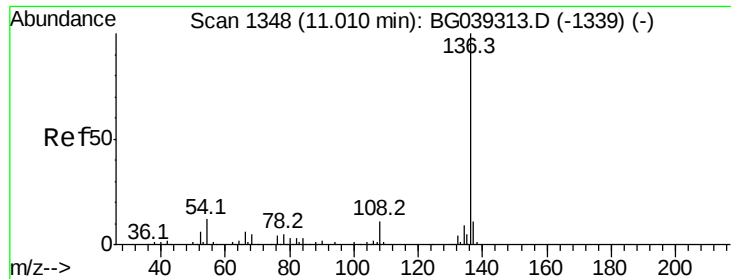
107 100

108 90.0 67.9 107.9

77 34.3 15.4 55.4

79 30.8 13.7 53.7

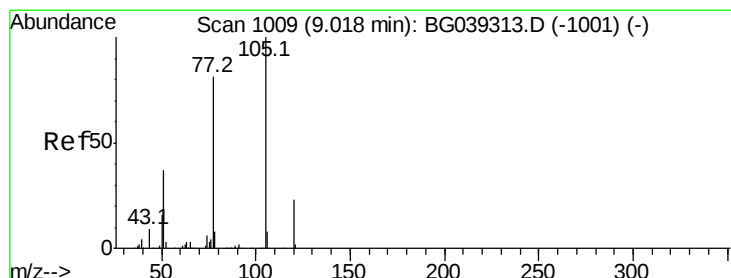
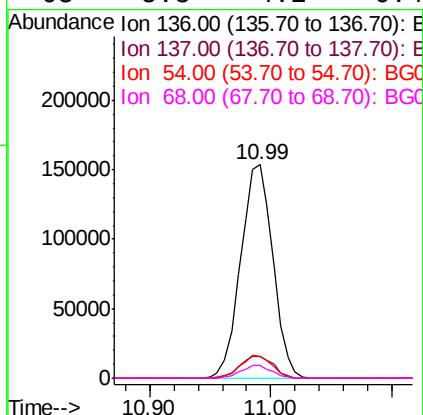
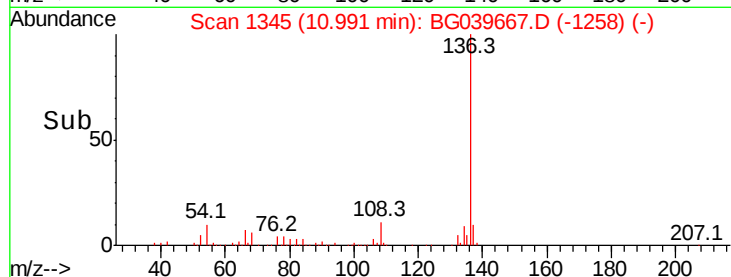
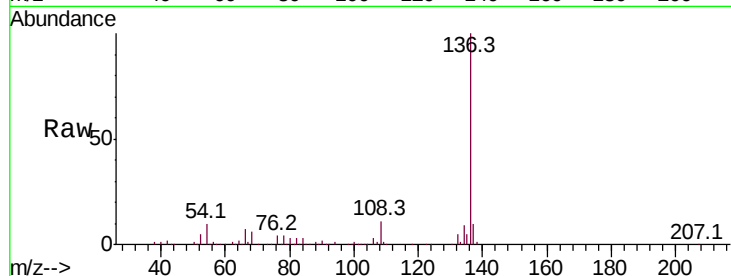




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

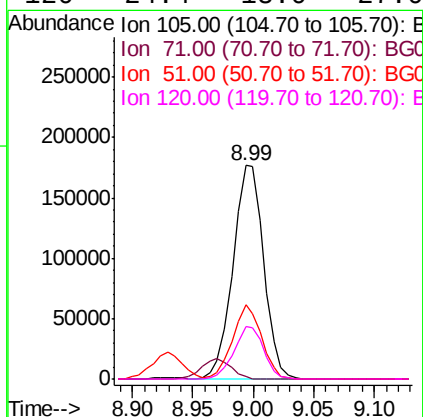
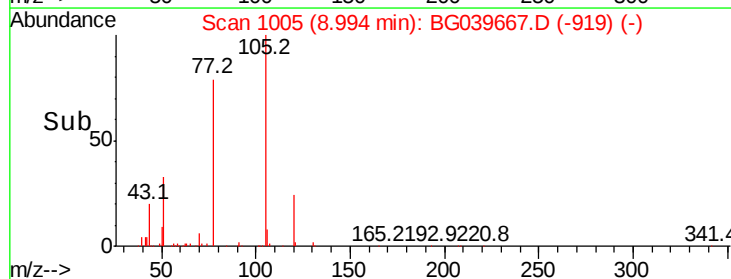
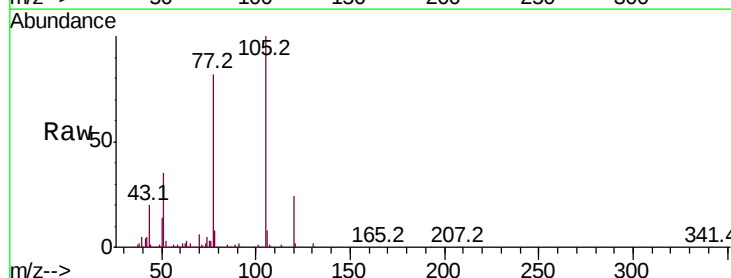
Instrument :
BNA_G
ClientSampleId :

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



#22
Acetophenone
Concen: 40.926 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 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

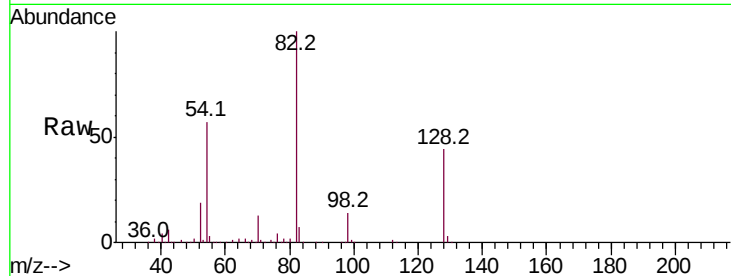




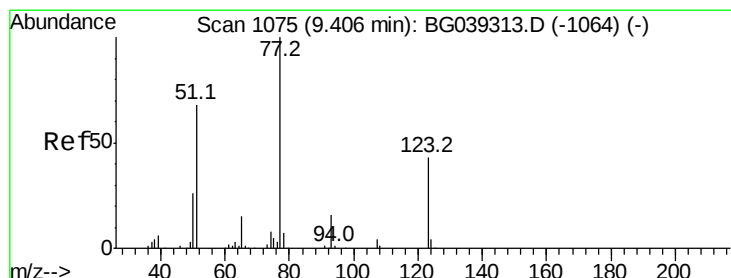
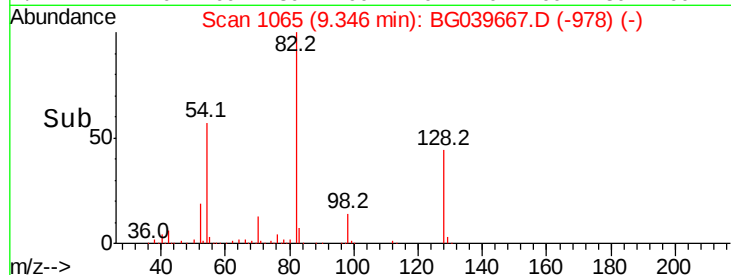
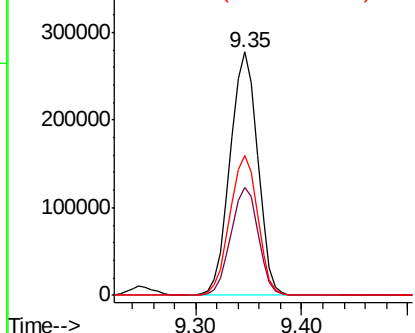
#23
Nitrobenzene-d5
Concen: 109.351 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

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

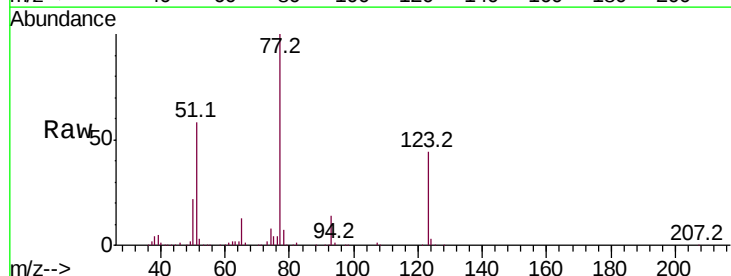


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

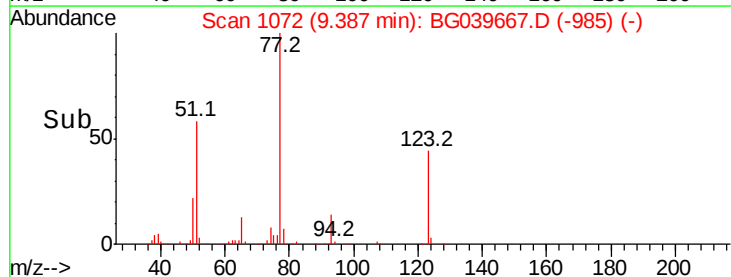
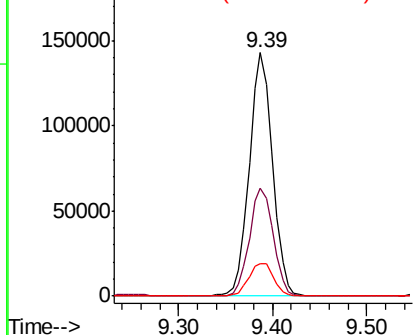


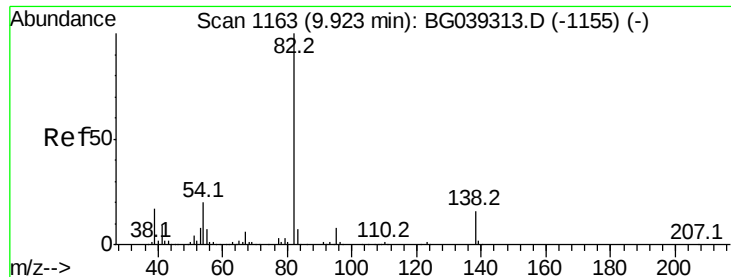
#24
Nitrobenzene
Concen: 49.455 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

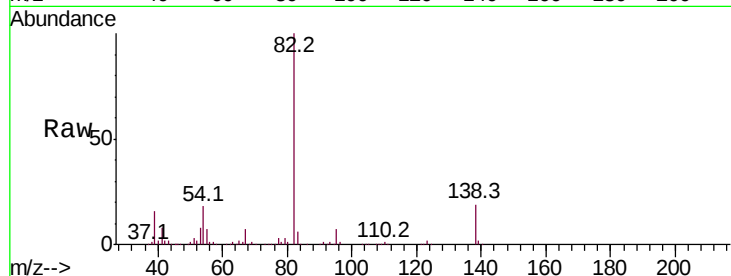
Tot Ion: 82 Resp: 489081

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

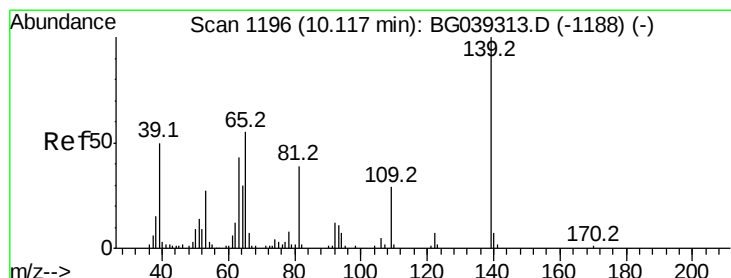
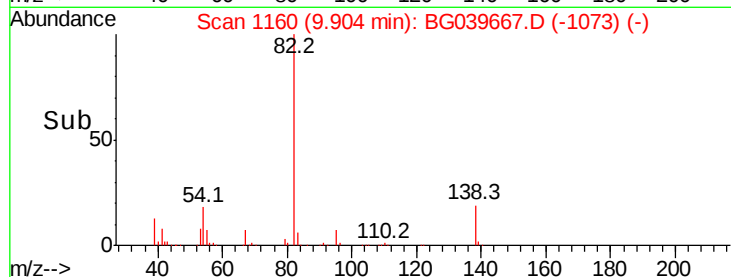
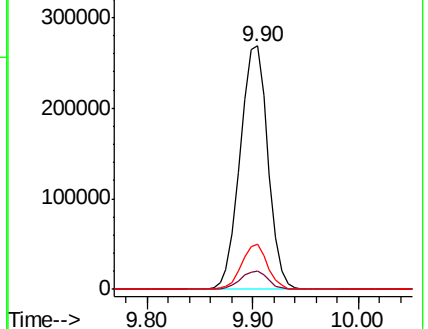
138 18.6 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BG039313.D (-1155) (-)



#26

2-Nitrophenol

Concen: 59.592 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

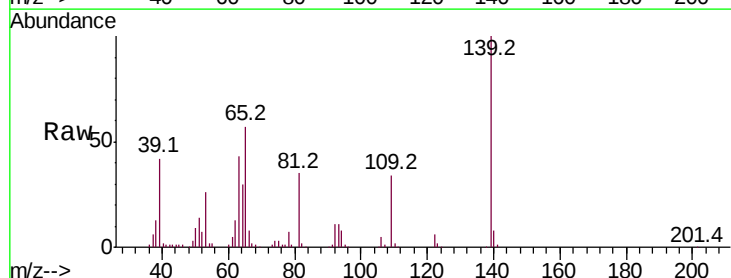
Tgt Ion: 139 Resp: 124250

Ion Ratio Lower Upper

139 100

109 34.1 23.4 35.0

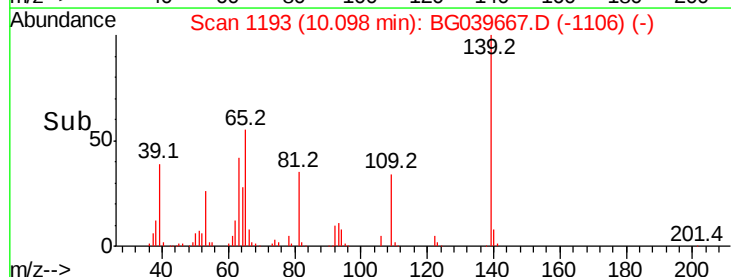
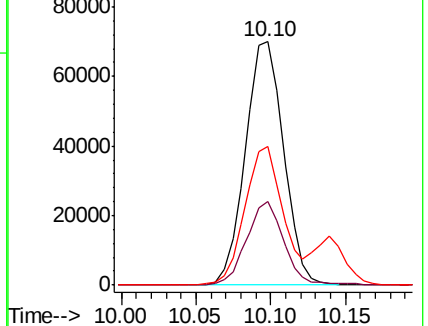
65 56.8 44.3 66.5

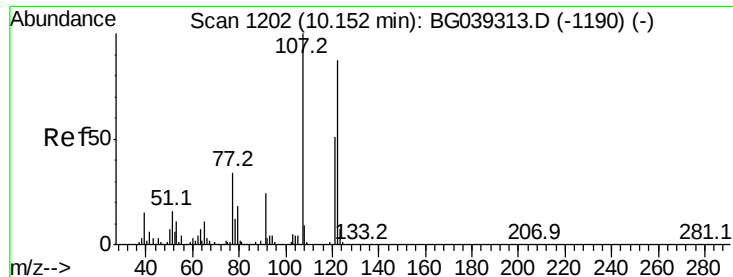


Abundance Ion 139.00 (138.70 to 139.70): BG039313.D (-1188) (-)

Ion 109.00 (108.70 to 109.70): BG039313.D (-1188) (-)

Ion 65.00 (64.70 to 65.70): BG039313.D (-1188) (-)

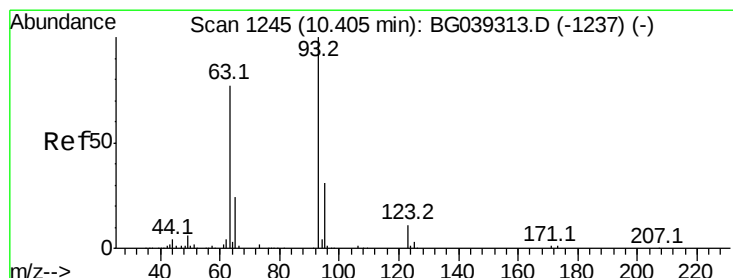
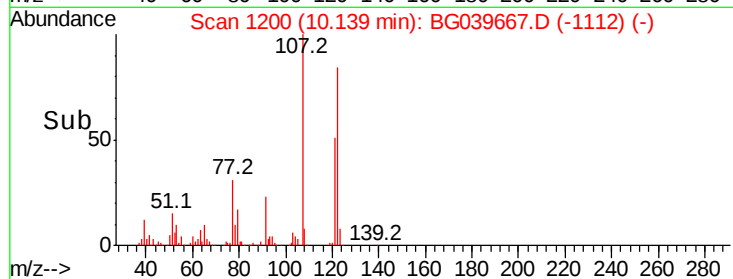
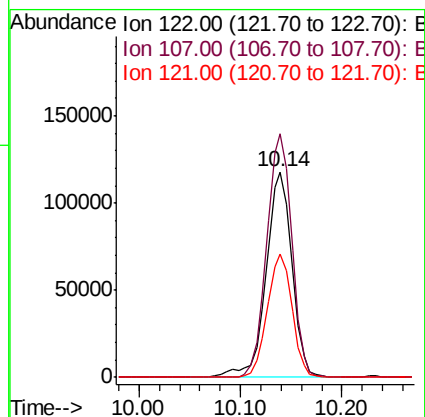
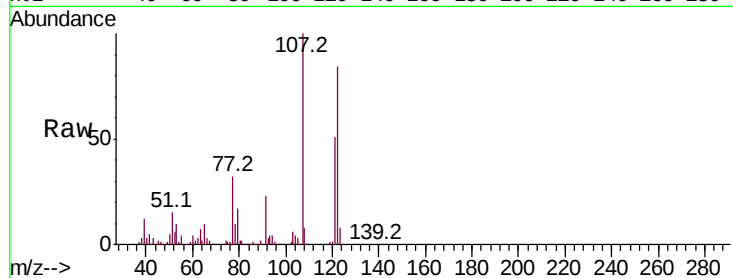




#27
2,4-Dimethylphenol
Concen: 50.900 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

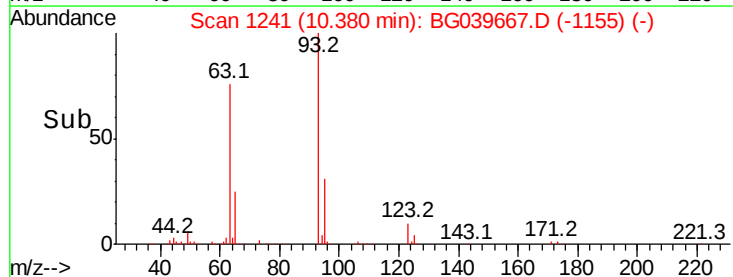
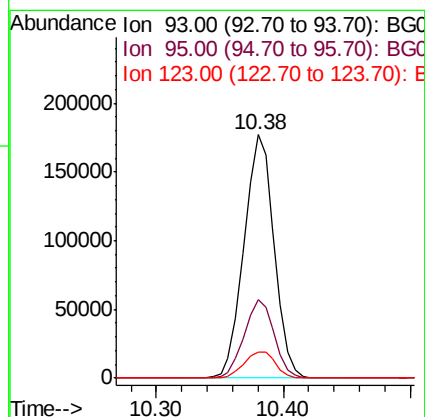
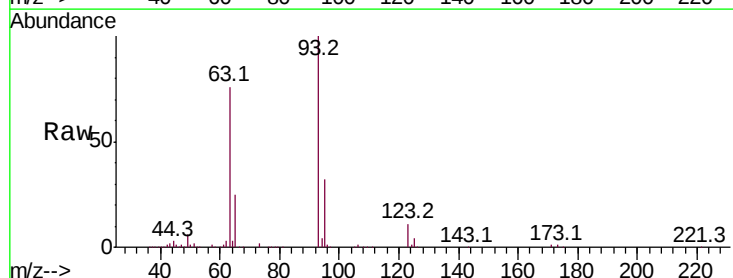
Instrument :
BNA_G
ClientSampled :

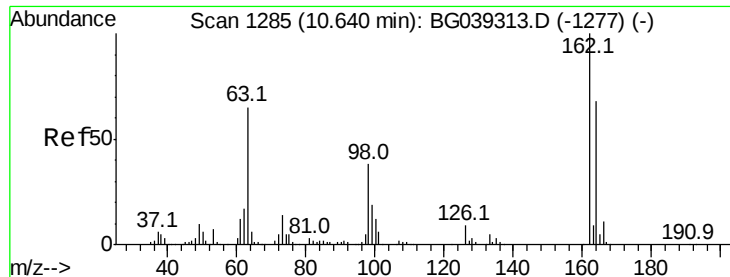
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	91.7	137.5
121	60.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.805 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

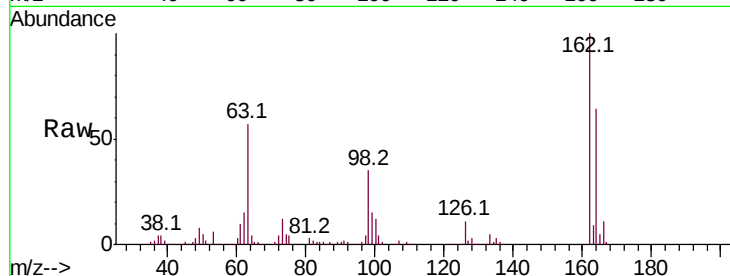
Tot Ion:162 Resp: 239166

Ion Ratio Lower Upper

162 100

164 63.7 48.1 88.1

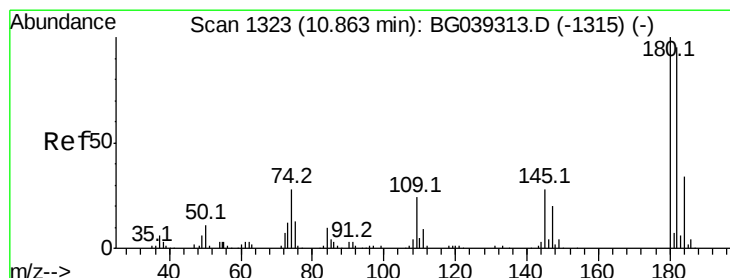
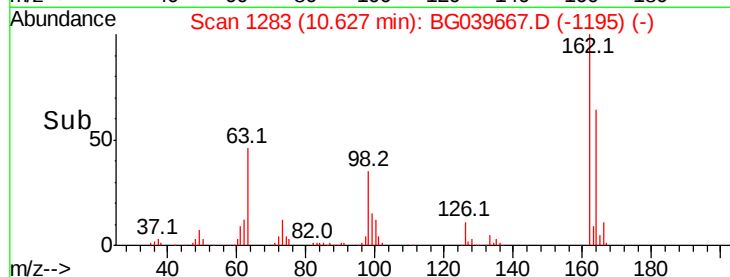
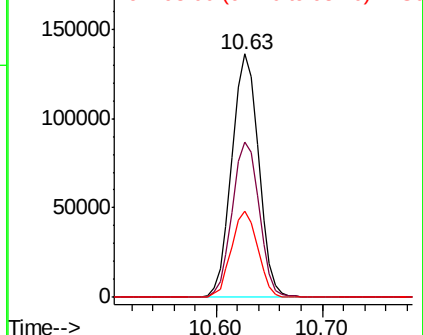
98 35.5 18.1 58.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 46.635 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

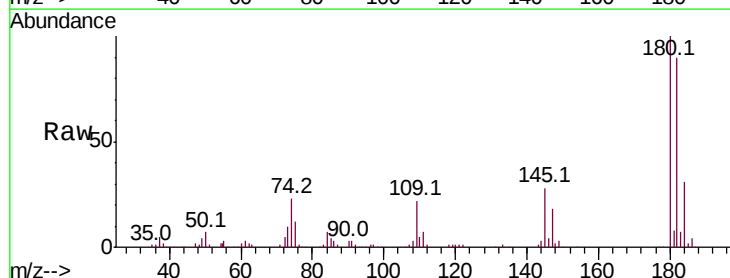
Tgt Ion:180 Resp: 234272

Ion Ratio Lower Upper

180 100

182 90.4 76.0 114.0

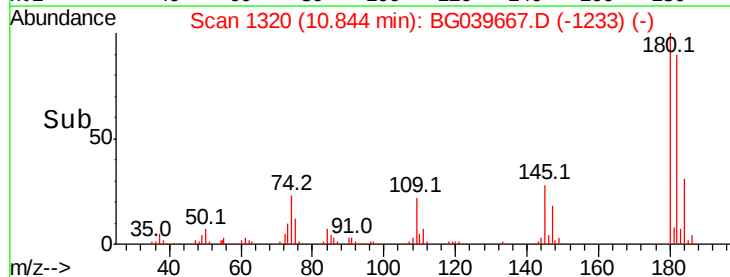
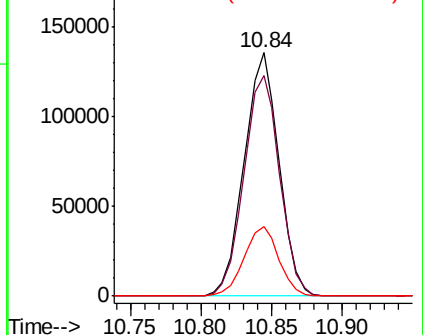
145 28.3 22.7 34.1

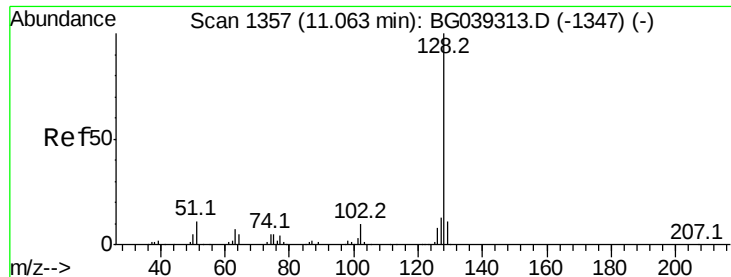


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

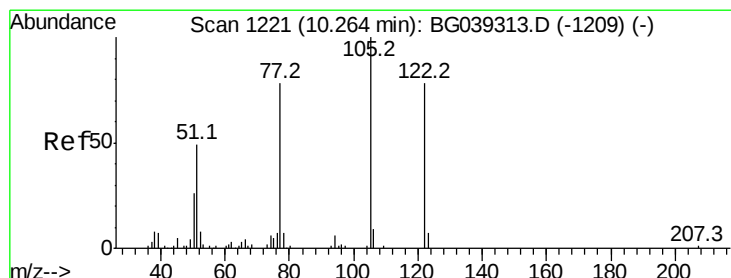
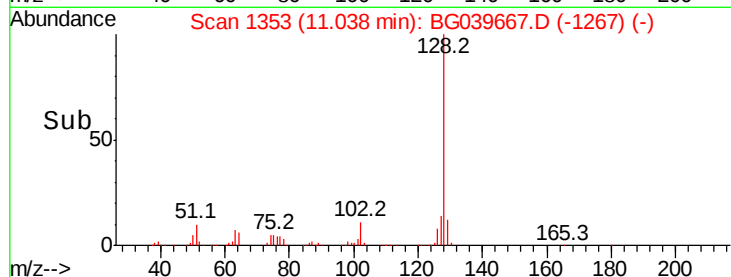
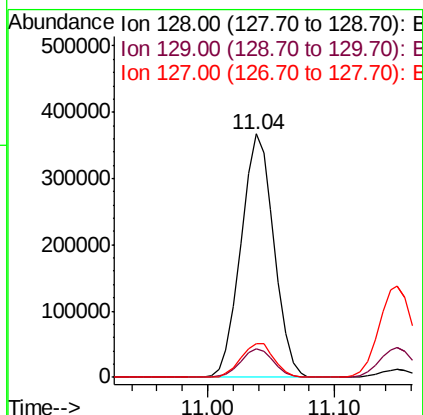
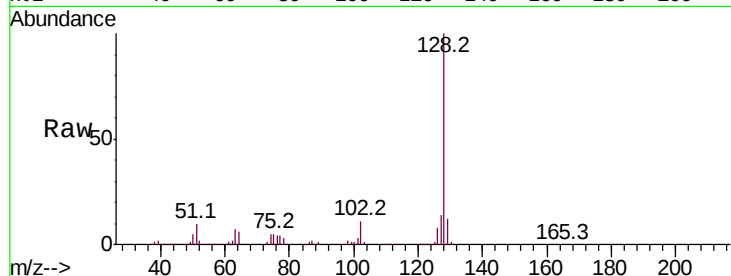




#31
Naphthalene
Concen: 46.622 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

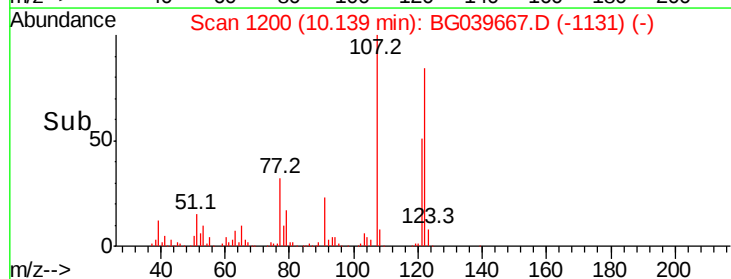
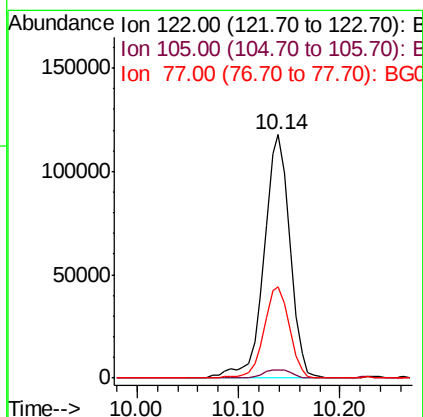
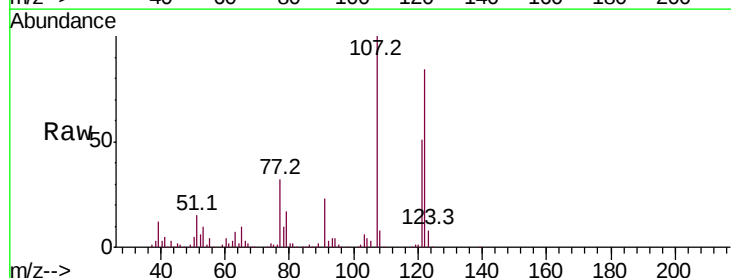
Instrument :
BNA_G
ClientSampled :

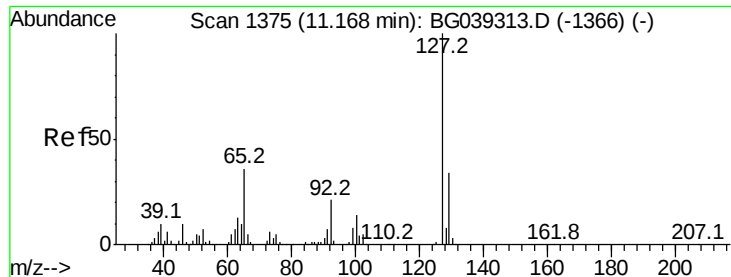
Tot Ion:128 Resp: 659906
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 72.144 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.12 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:122 Resp: 208390
Ion Ratio Lower Upper
122 100
105 3.5 101.8 141.8#
77 37.4 76.3 116.3#

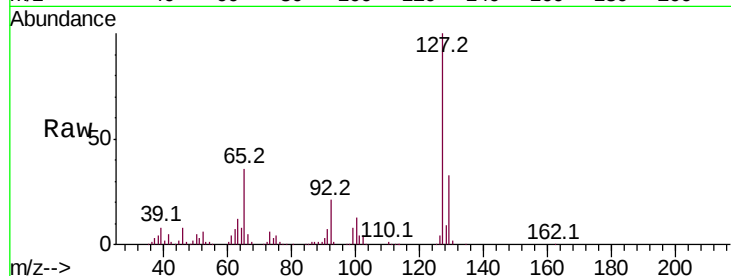




#33
4-Chloroaniline
Concen: 39.429 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot 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



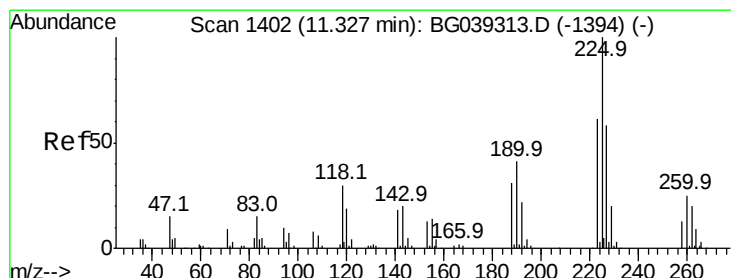
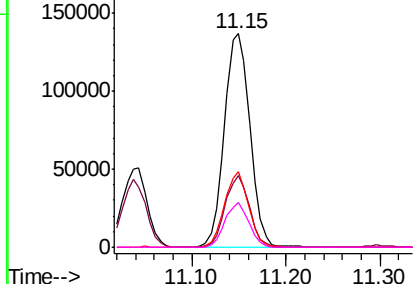
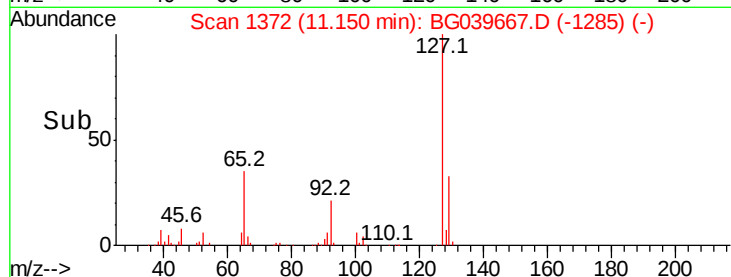
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

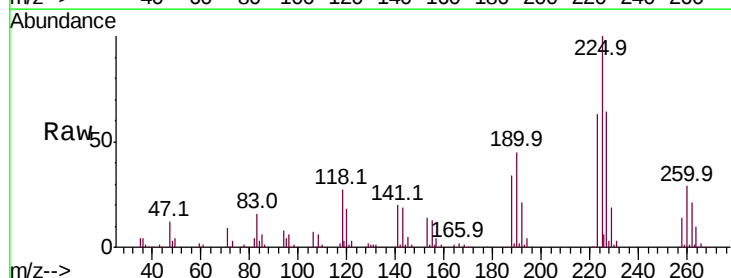
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.696 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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

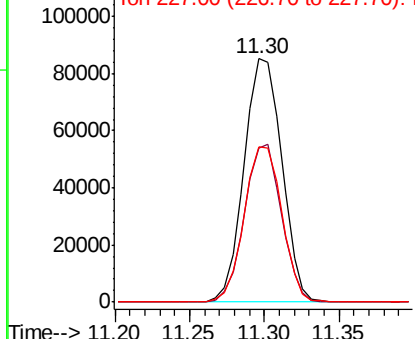
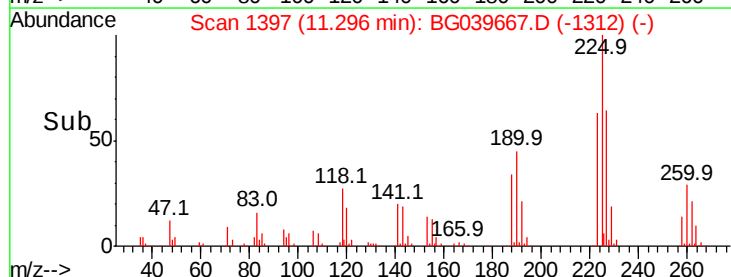


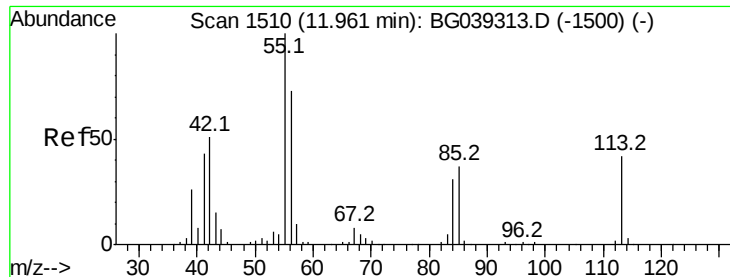
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

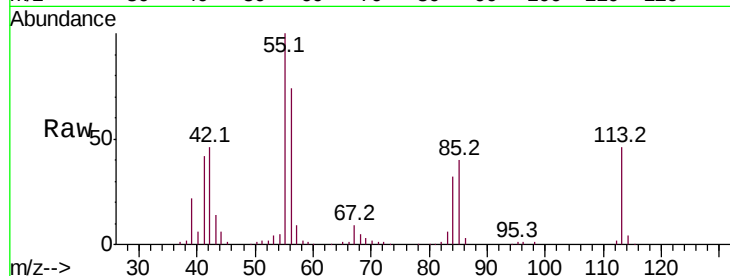




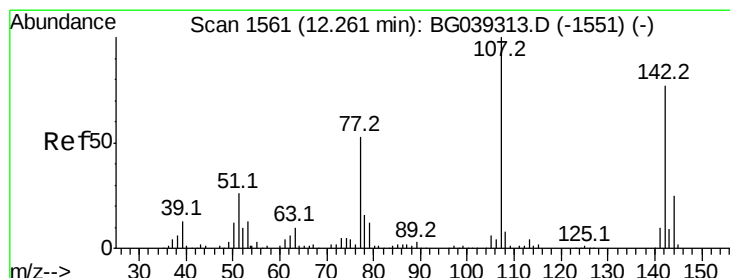
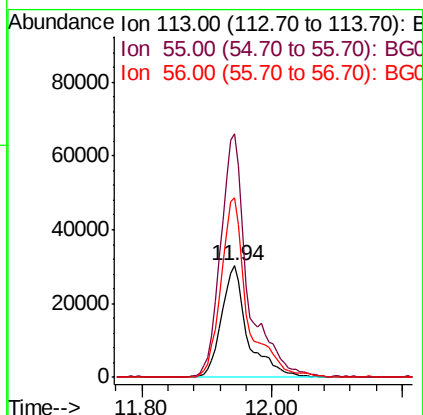
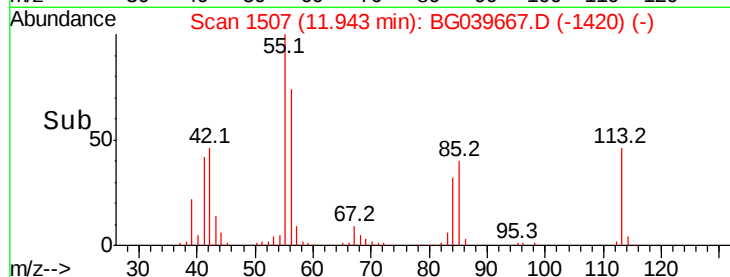
#35
Caprolactam
Concen: 45.631 ng
RT: 11.94 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

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

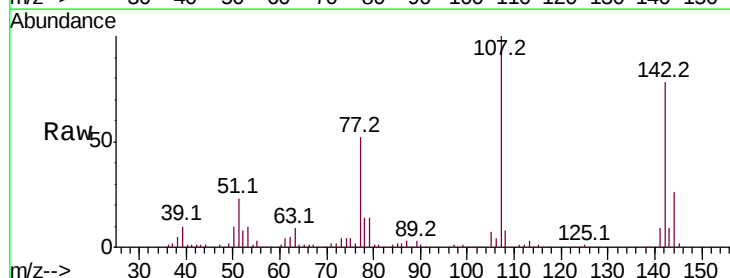


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

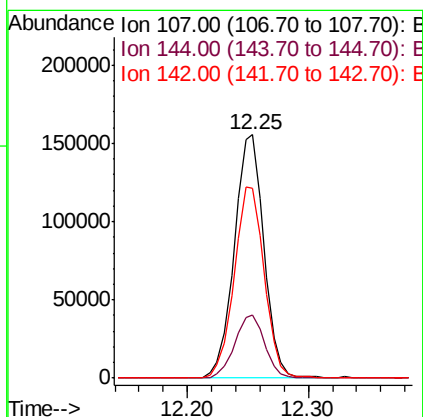
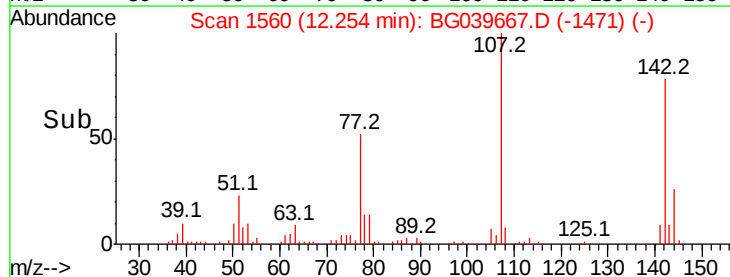


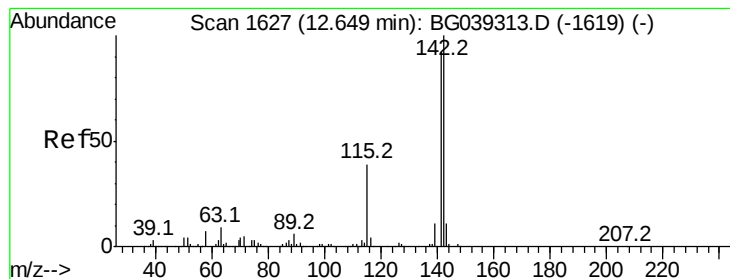
#36
4-Chloro-3-methylphenol
Concen: 51.328 ng
RT: 12.25 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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



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





#37

2-Methylnaphthalene

Concen: 49.777 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

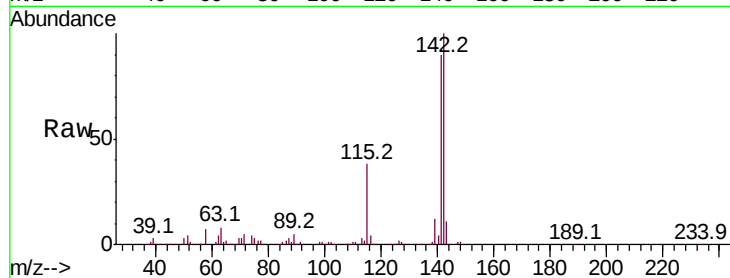
Tot Ion:142 Resp: 521832

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

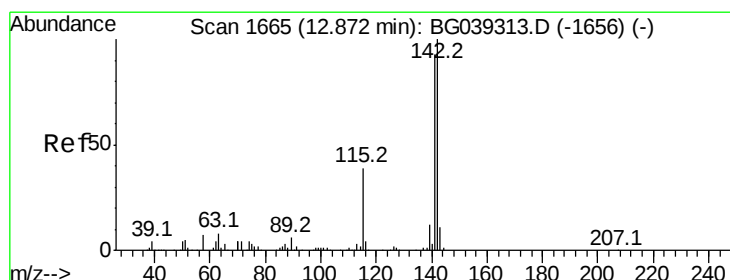
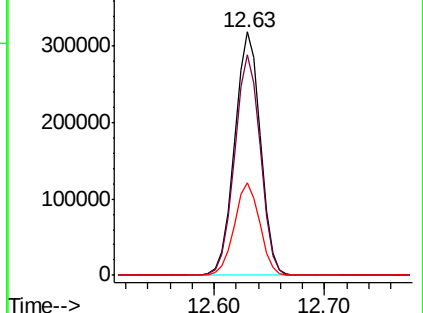
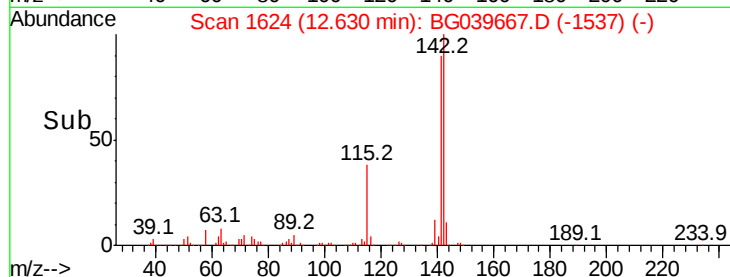
115 37.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.538 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

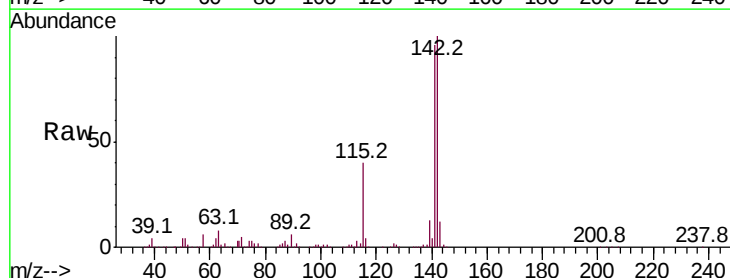
Tgt Ion:142 Resp: 500610

Ion Ratio Lower Upper

142 100

141 96.0 74.2 111.4

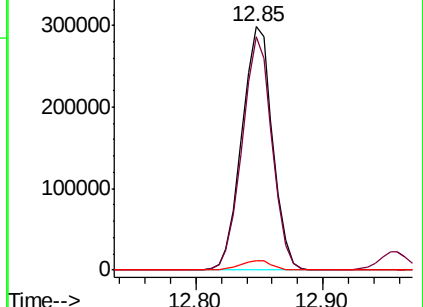
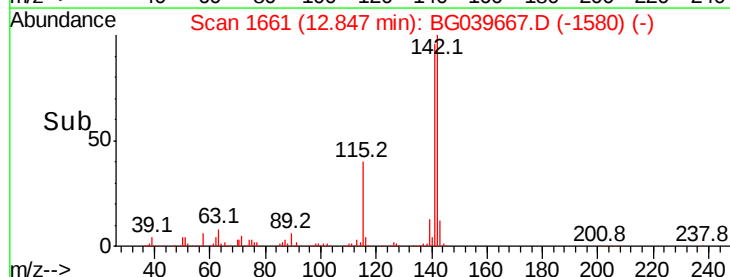
116 4.1 3.0 4.6

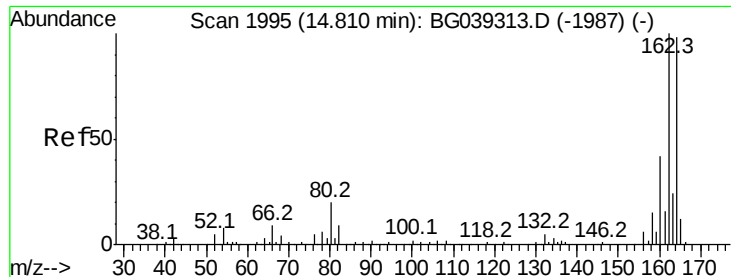


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

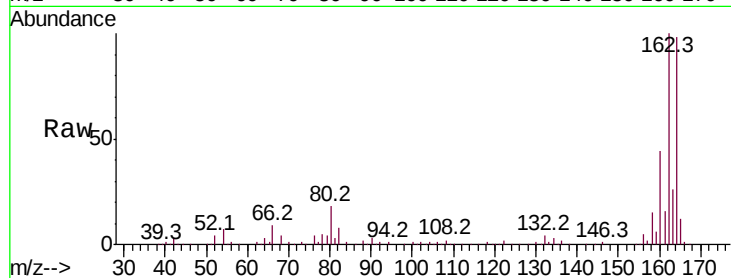
Tot Ion:164 Resp: 211133

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

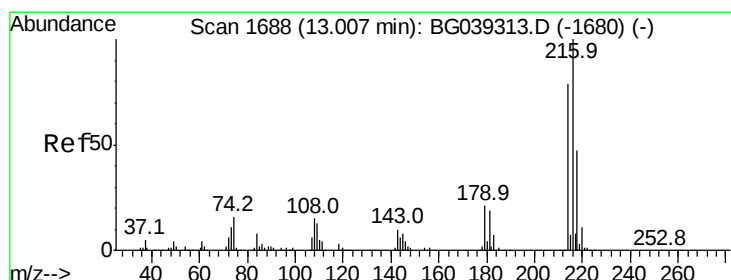
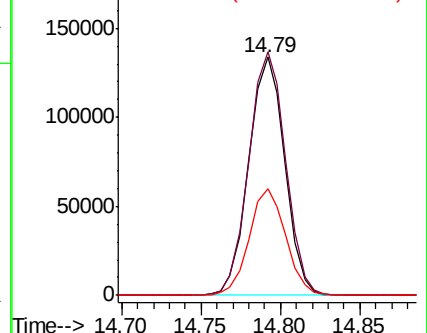
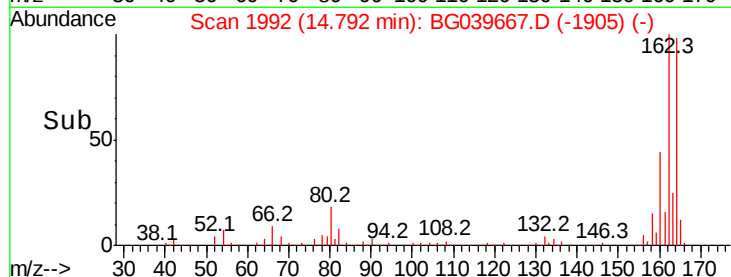
160 44.8 34.2 51.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.852 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:216 Resp: 294584

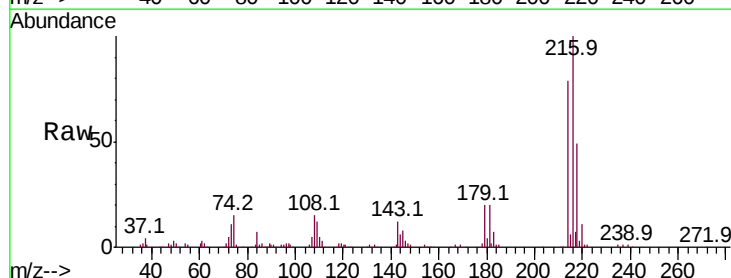
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 20.5 16.6 25.0

108 17.8 14.0 21.0

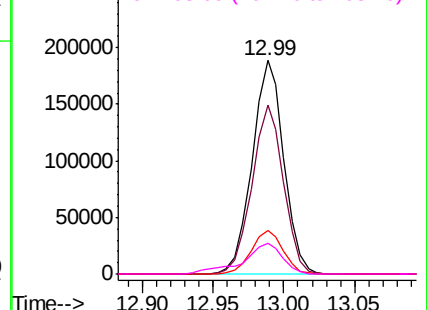
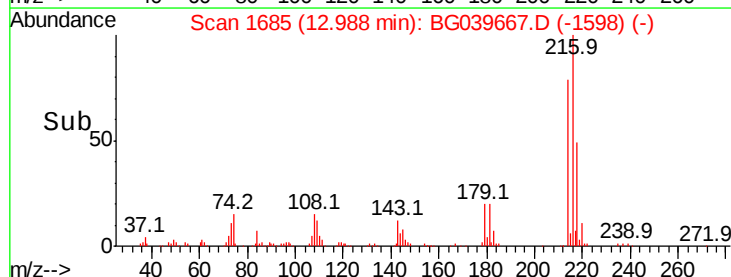


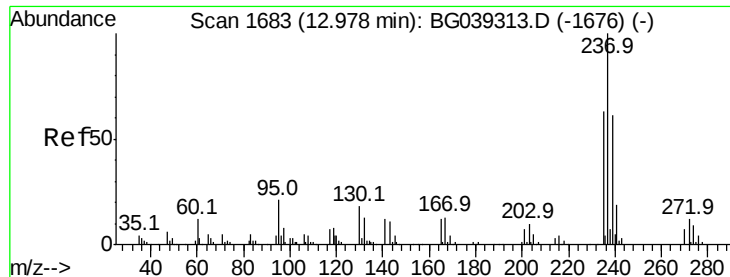
Abundance Ion 216.00 (215.70 to 216.70): E

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

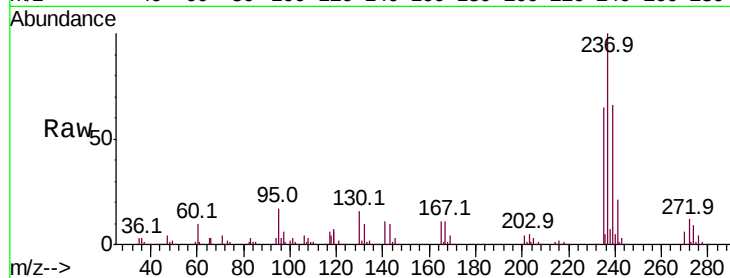
Tot Ion:237 Resp: 347519

Ion Ratio Lower Upper

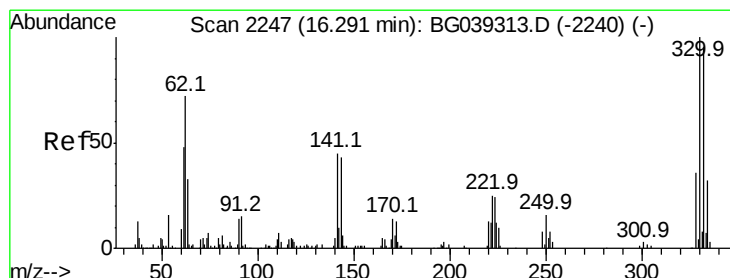
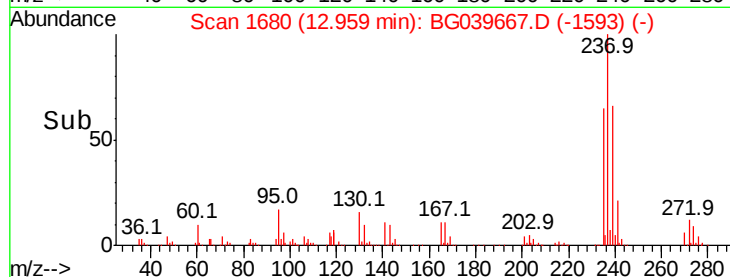
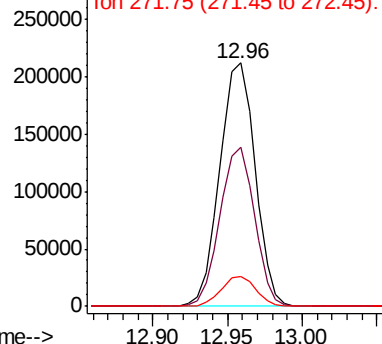
237 100

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. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

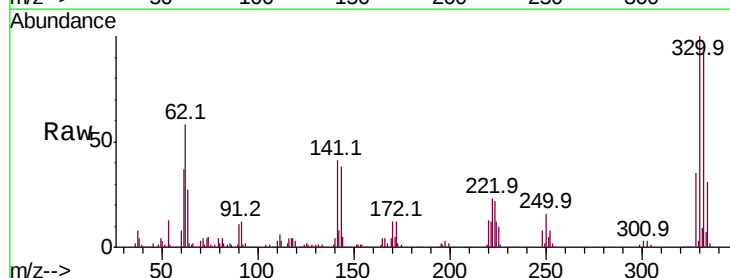
Tgt Ion:330 Resp: 339713

Ion Ratio Lower Upper

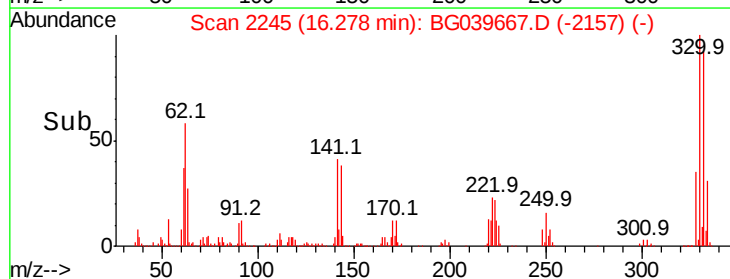
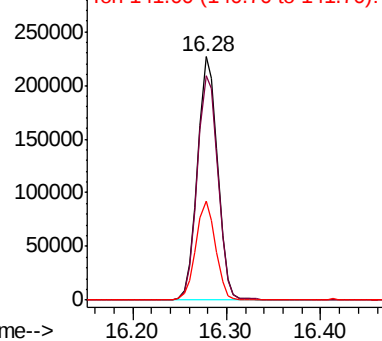
330 100

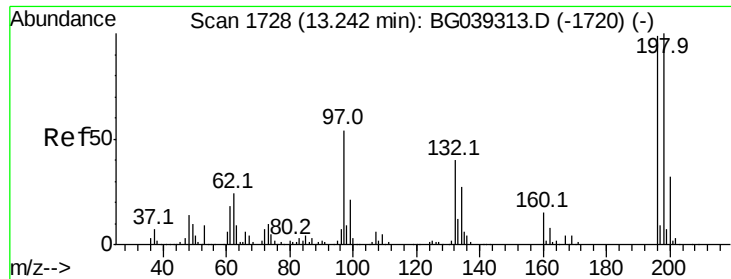
332 94.7 75.7 113.5

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

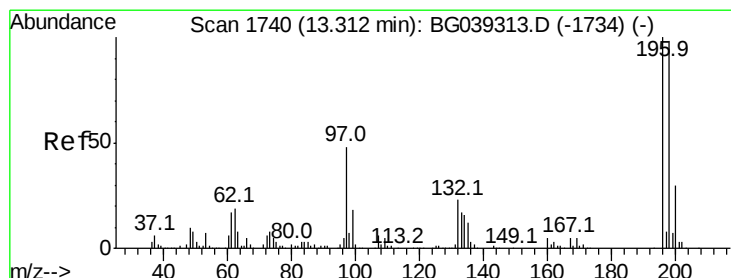
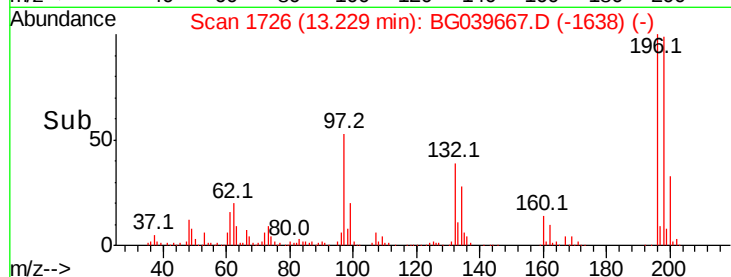
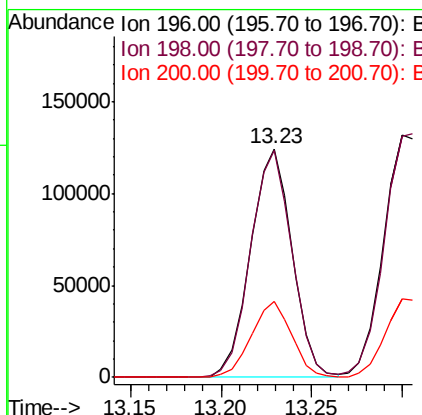
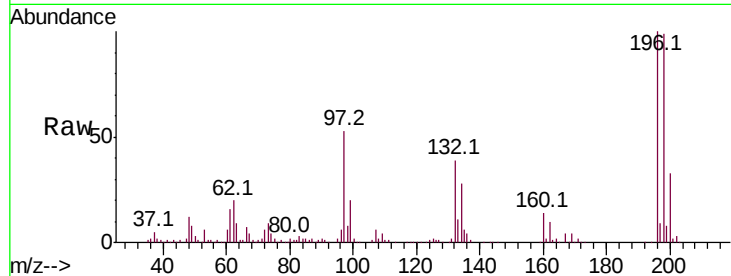




#43
 2,4,6-Trichlorophenol
 Concen: 47.850 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

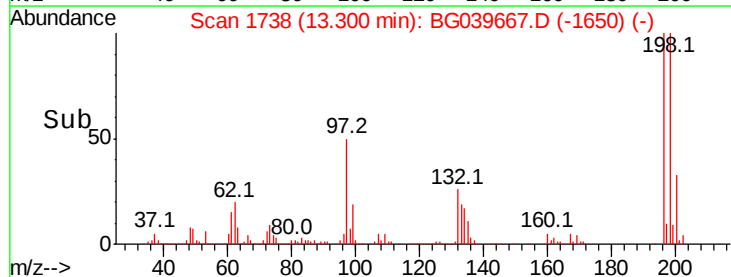
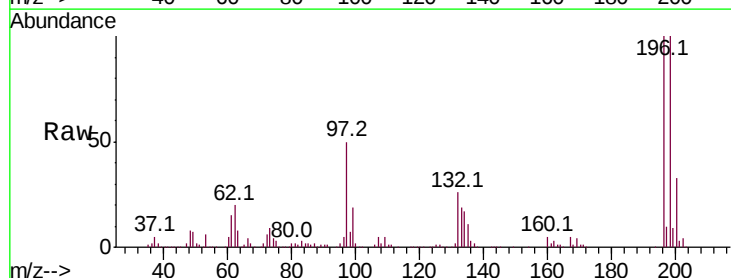
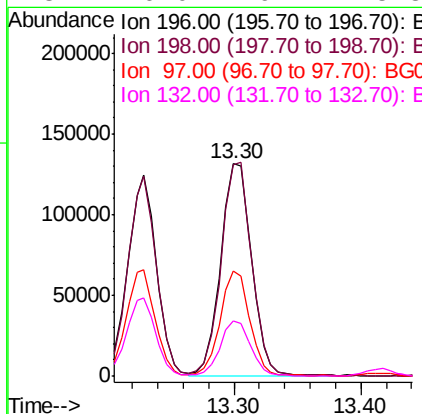
Instrument :
 BNA_G
 ClientSampleId :

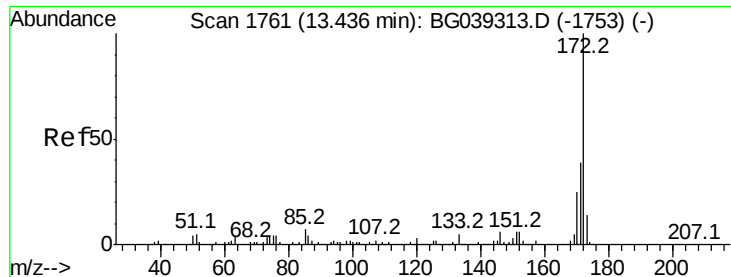
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	33.1	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.290 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt 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

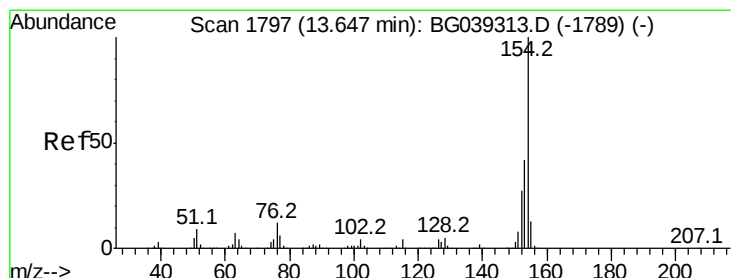
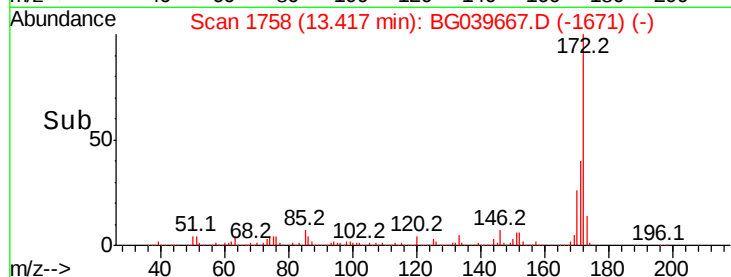
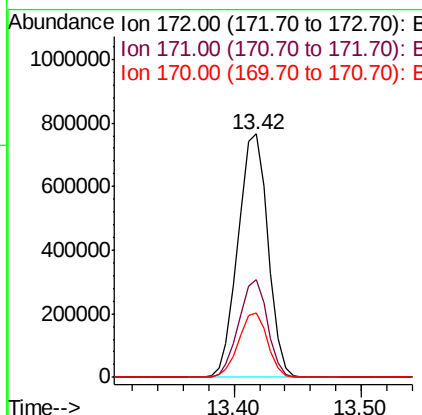
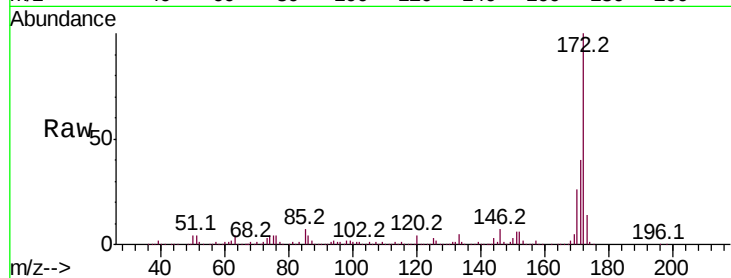




#45
2-Fluorobiphenyl
Concen: 85.040 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

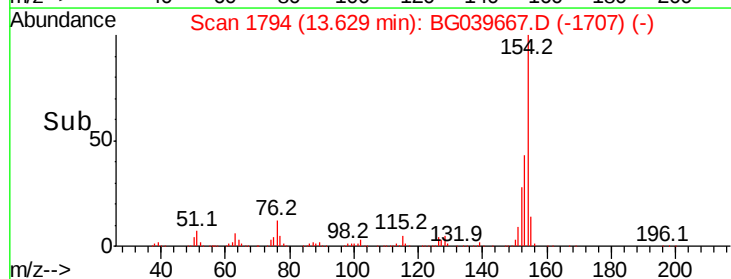
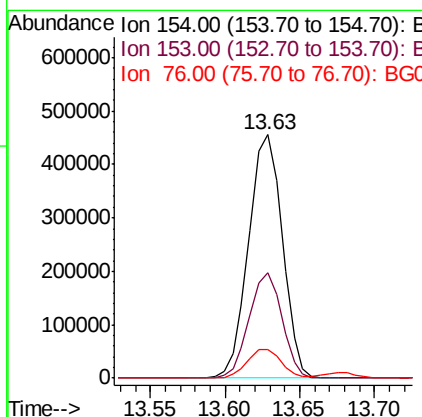
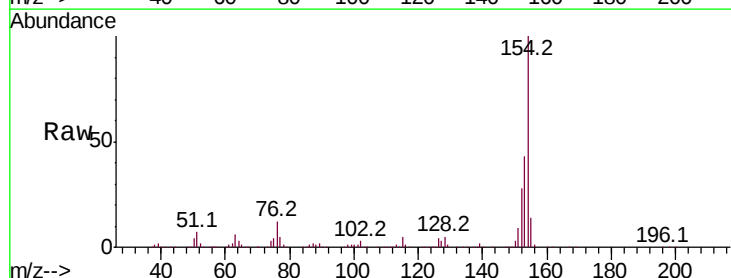
Instrument :
BNA_G
ClientSampleId :

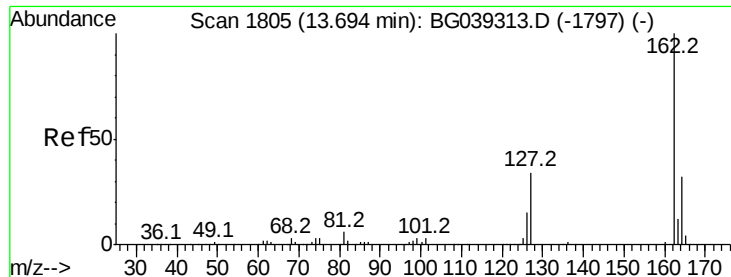
Tot Ion:172 Resp: 1251592
Ion Ratio Lower Upper
172 100
171 40.0 30.8 46.2
170 26.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.613 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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

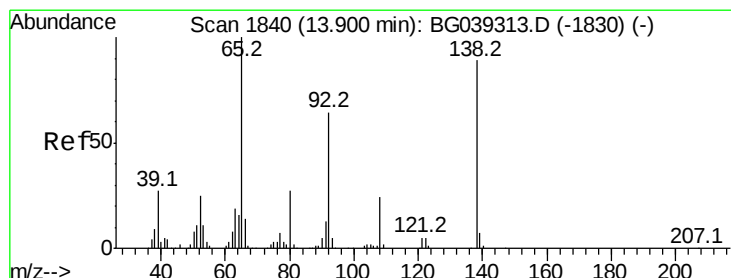
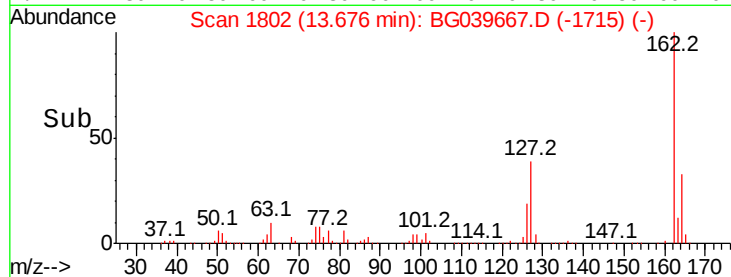
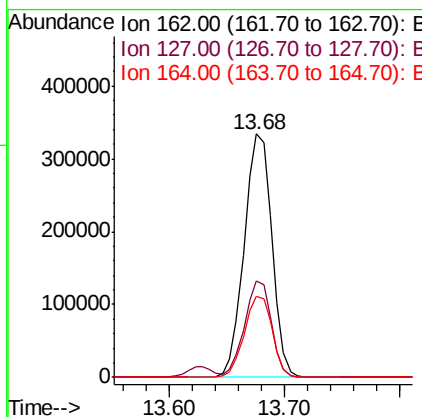
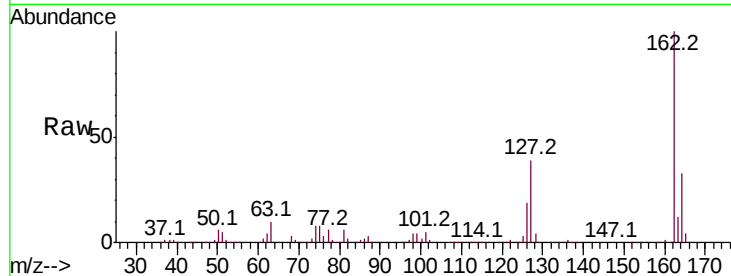




#47
2-Chloronaphthalene
Concen: 42.190 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

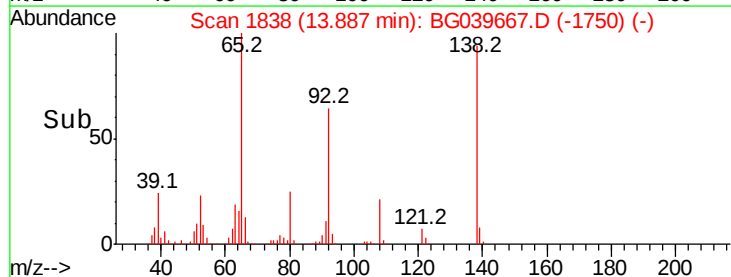
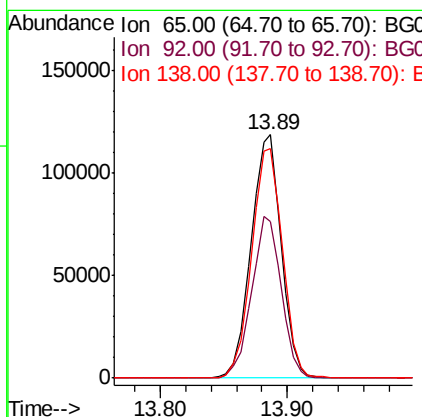
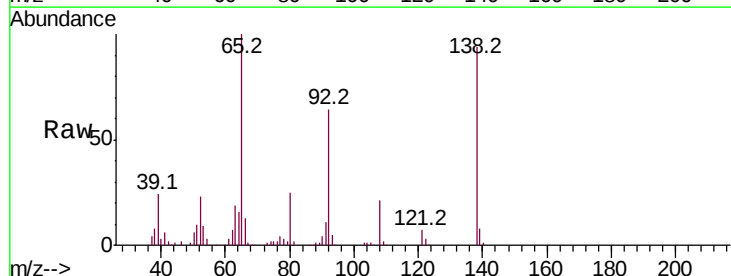
Instrument :
BNA_G
ClientSampleId :

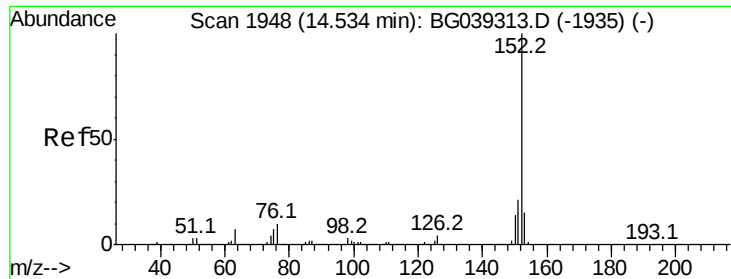
Tot Ion:162 Resp: 557546
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.6
164 33.4 25.7 38.5



#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

Tgt Ion: 65 Resp: 196480
Ion Ratio Lower Upper
65 100
92 64.3 51.4 77.2
138 94.1 71.4 107.2





#49

Acenaphthylene

Concen: 45.130 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

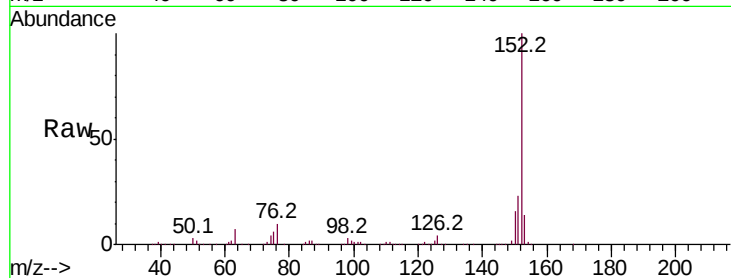
Tot Ion:152 Resp: 899926

Ion Ratio Lower Upper

152 100

151 22.6 16.8 25.2

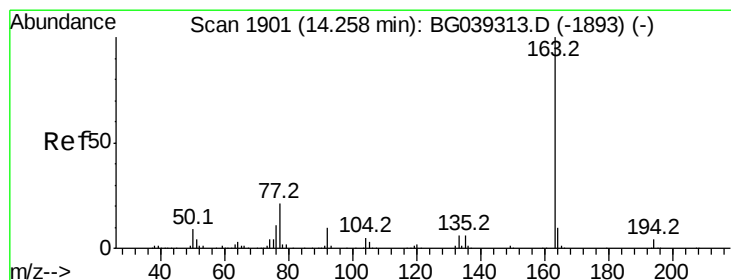
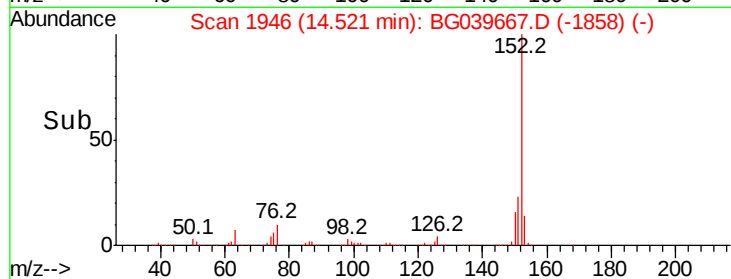
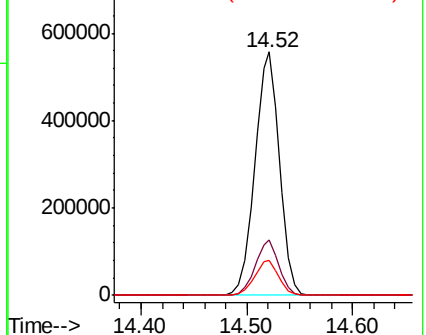
153 14.2 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.155 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

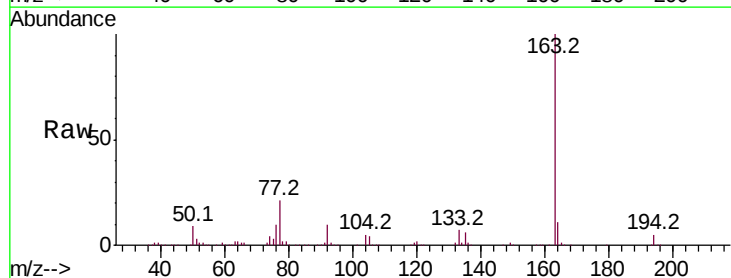
Tgt Ion:163 Resp: 821127

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

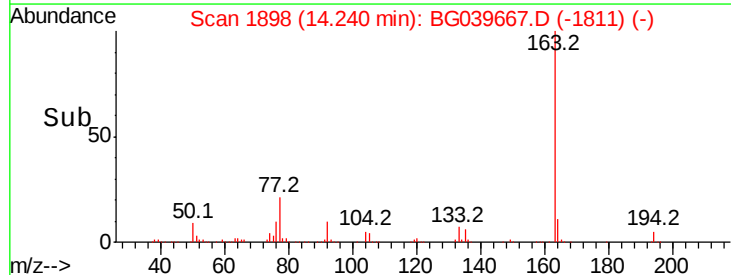
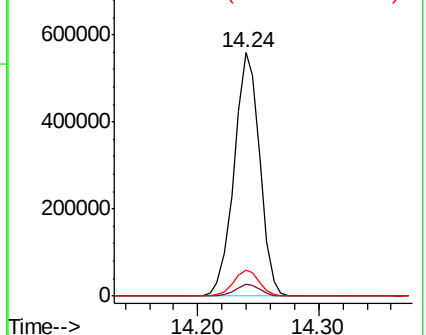
164 10.9 8.4 12.6

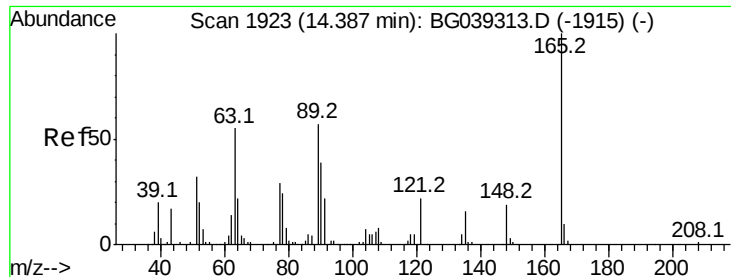


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

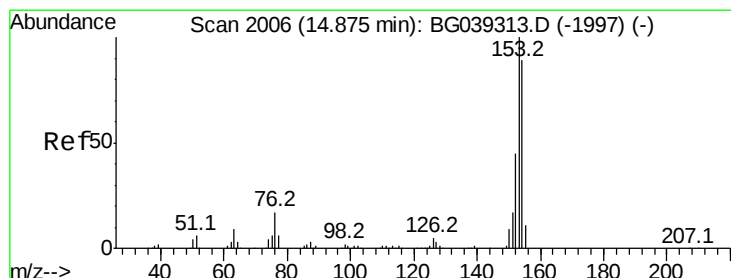
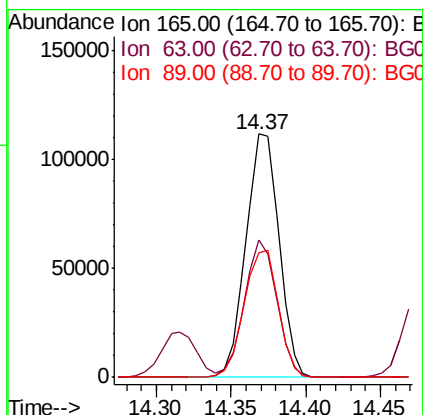
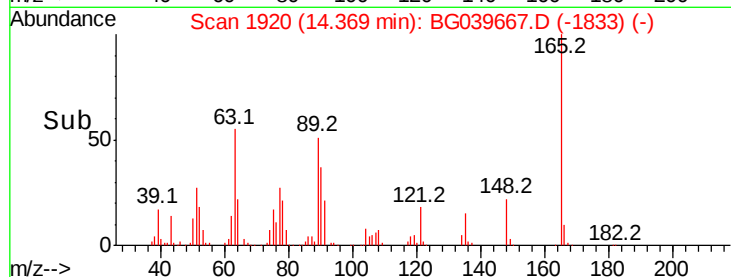
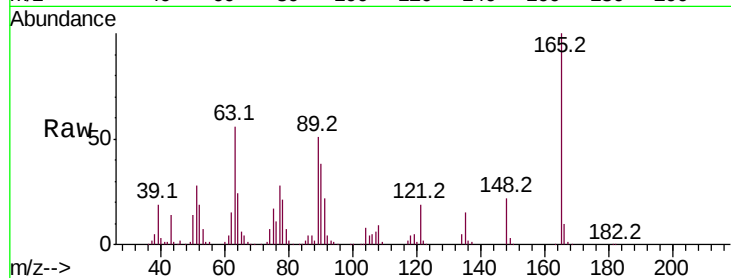




#51
2,6-Dinitrotoluene
Concen: 53.054 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

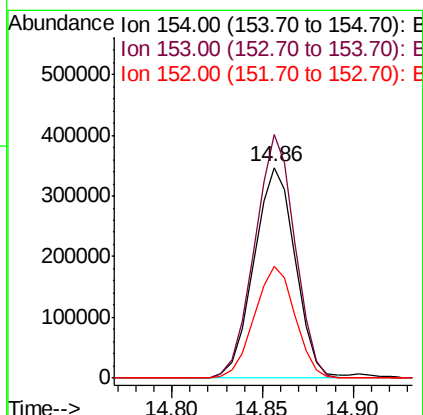
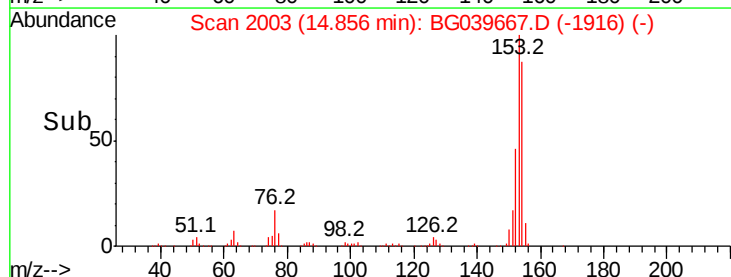
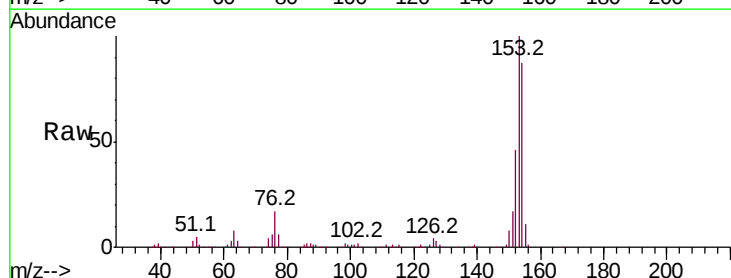
Instrument :
BNA_G
ClientSampled :

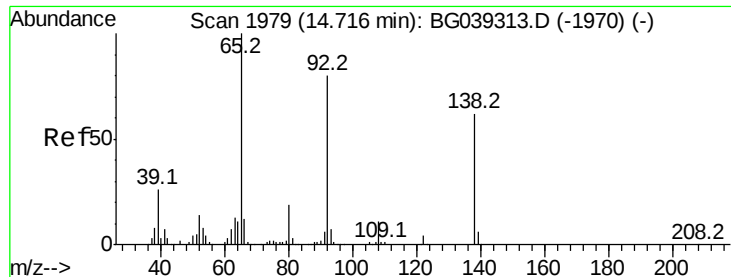
Tot Ion:165 Resp: 171628
Ion Ratio Lower Upper
165 100
63 56.4 47.0 70.6
89 51.2 45.8 68.8



#52
Acenaphthene
Concen: 42.619 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:154 Resp: 551647
Ion Ratio Lower Upper
154 100
153 115.4 90.1 135.1
152 53.1 40.9 61.3

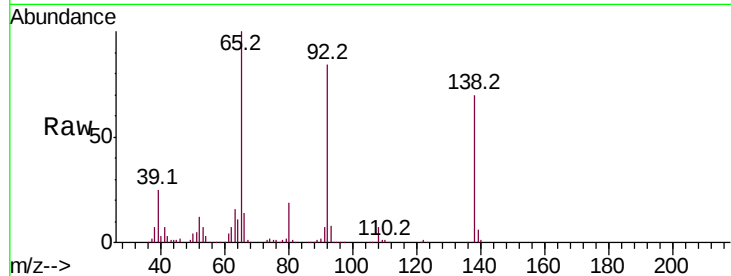




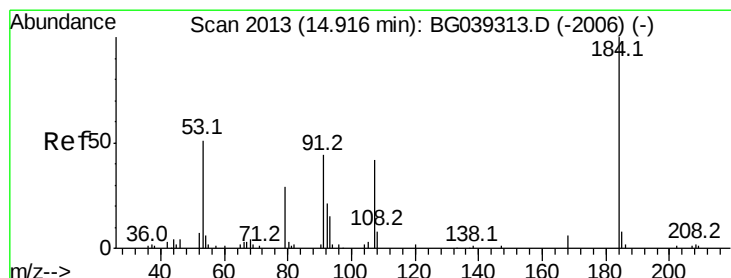
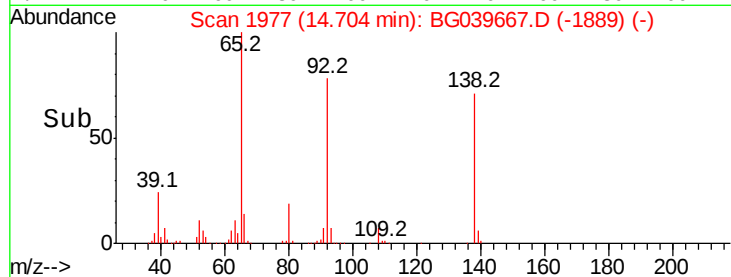
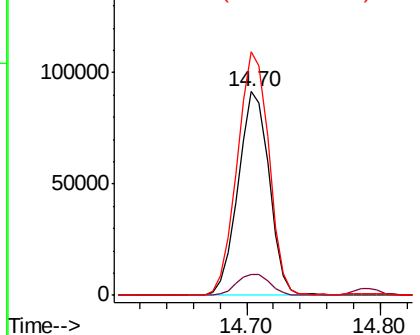
#53
3-Nitroaniline
Concen: 43.504 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 147476
Ion Ratio Lower Upper
138 100
108 10.3 13.8 20.8#
92 119.7 103.7 155.5

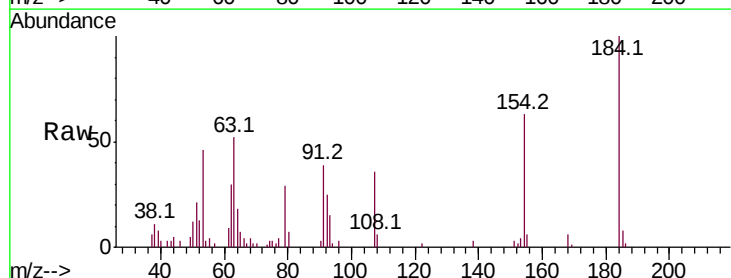


Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

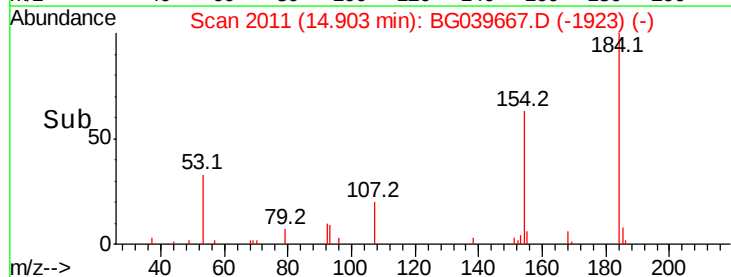
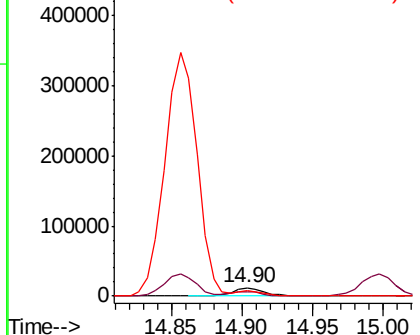


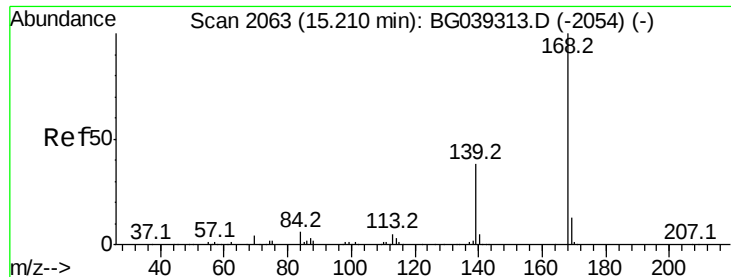
#54
2,4-Dinitrophenol
Concen: 20.938 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.074 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

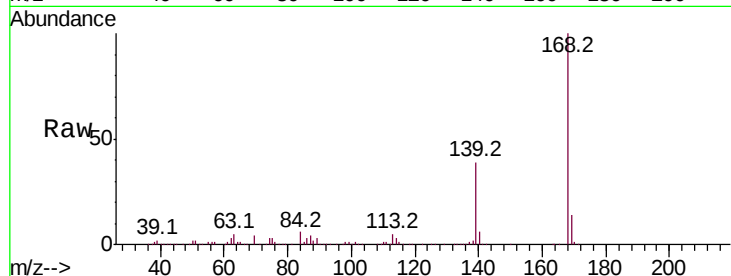
Tot Ion:168 Resp: 893917

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

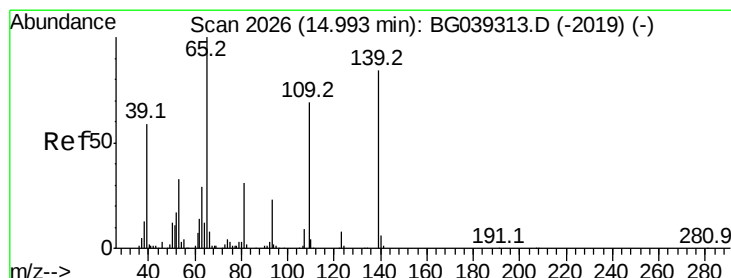
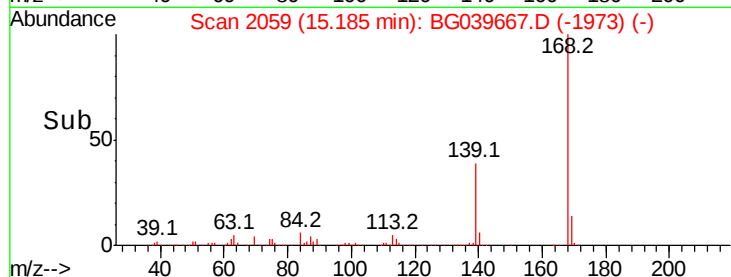
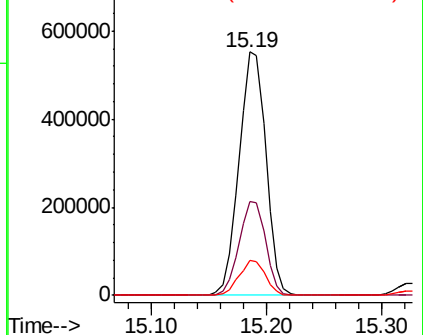
169 14.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 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

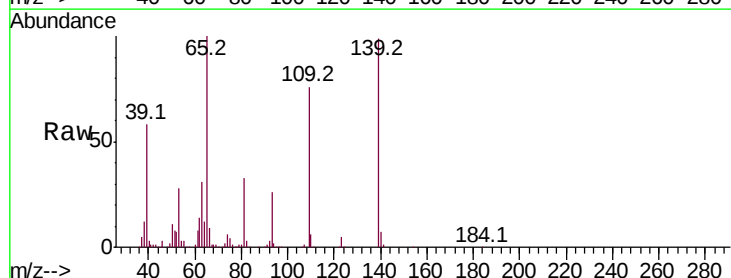
Tgt Ion:139 Resp: 171502

Ion Ratio Lower Upper

139 100

109 77.1 61.9 101.9

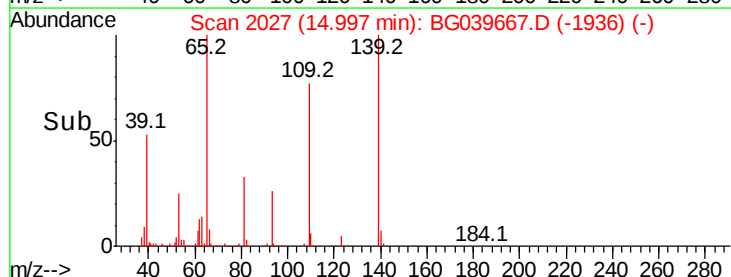
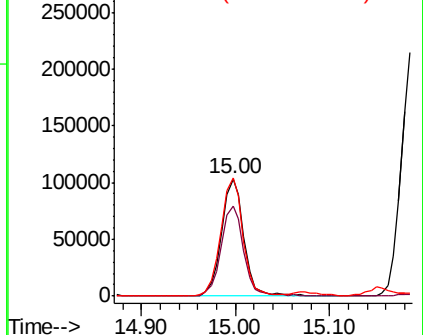
65 100.9 99.1 139.1

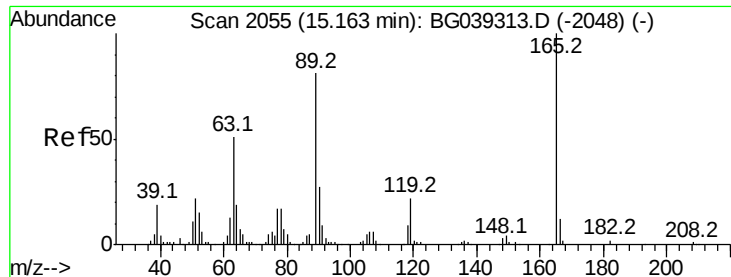


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

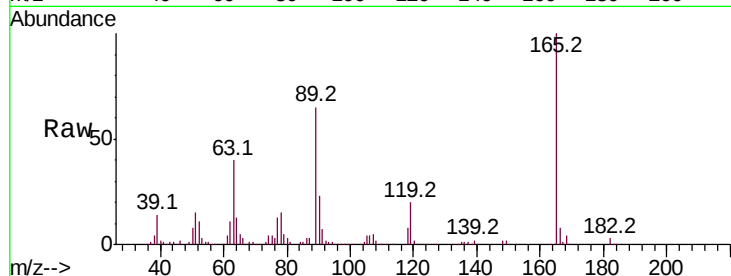




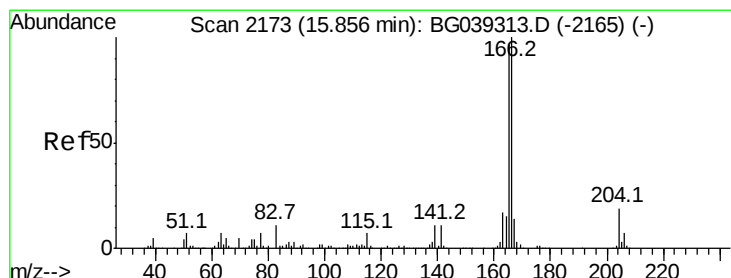
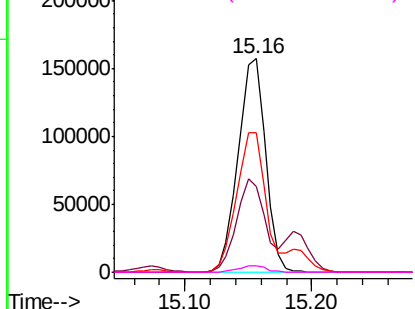
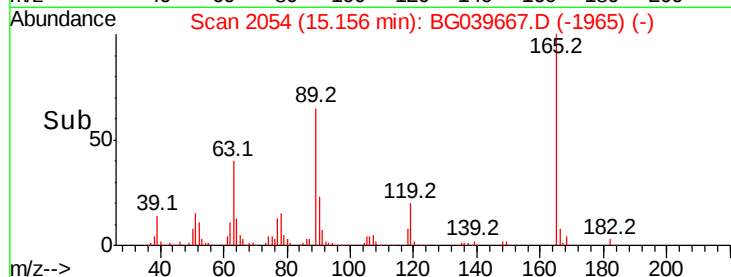
#57
 2,4-Dinitrotoluene
 Concen: 56.346 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampled :

Tot 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

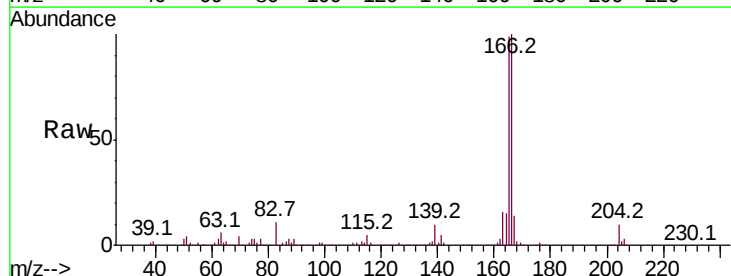


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

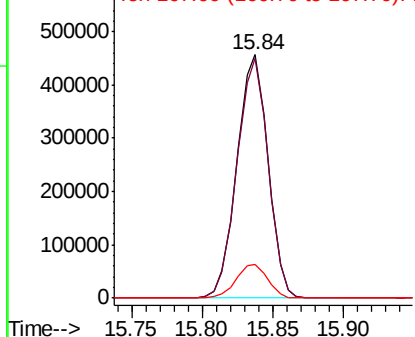
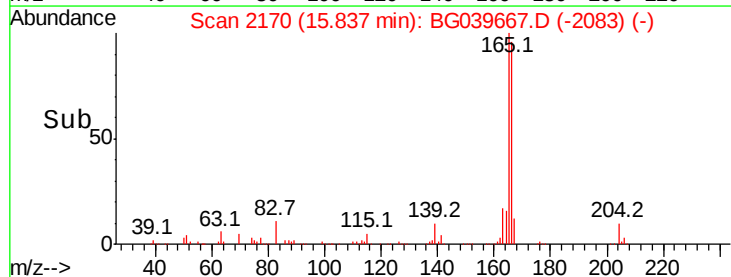


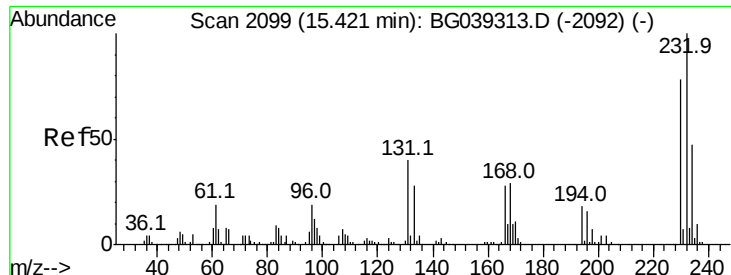
#58
 Fluorene
 Concen: 45.222 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt 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

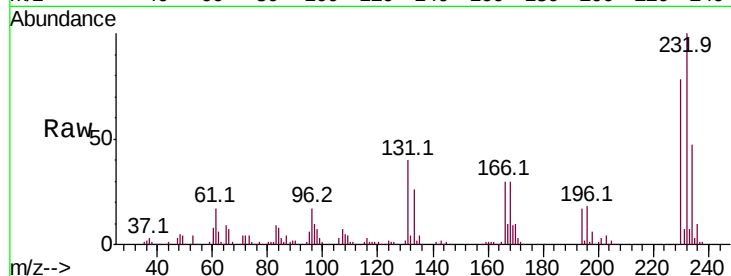




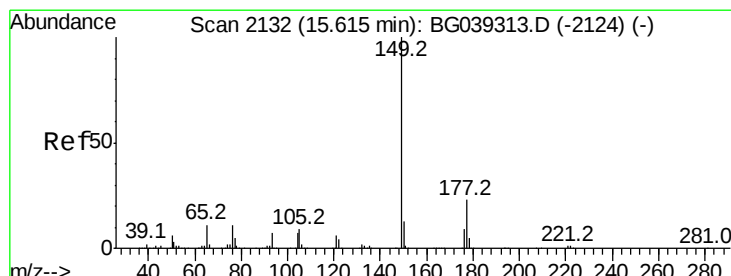
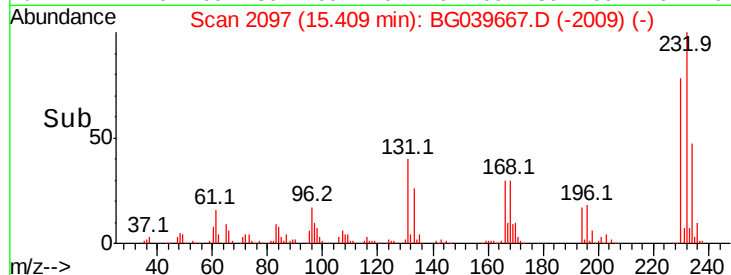
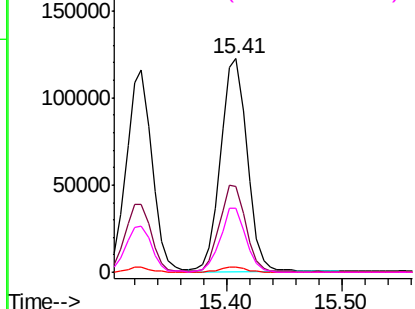
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.156 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Instrument :
 BNA_G
 ClientSampled :

Tot 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

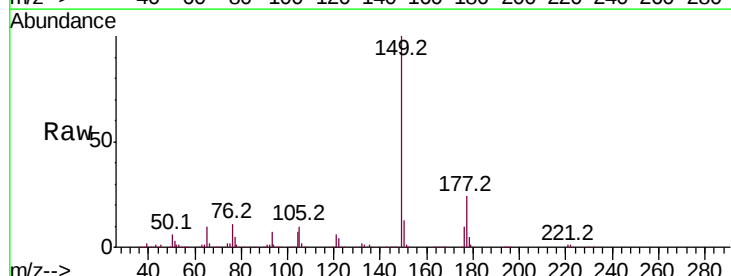


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

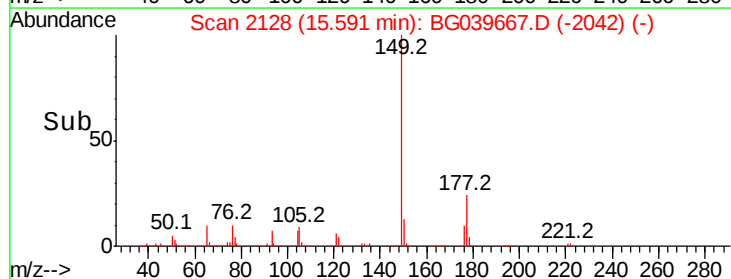
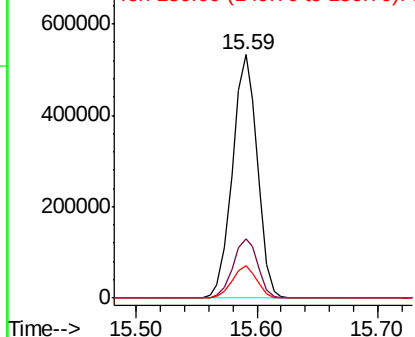


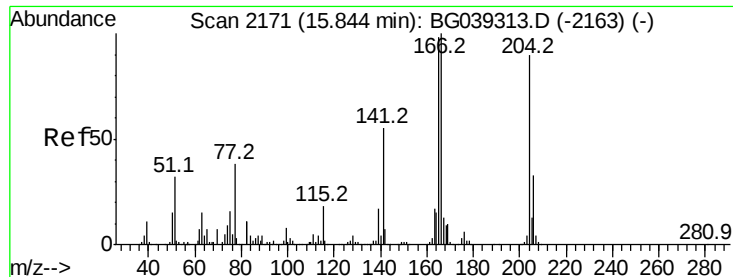
#60
 Diethylphthalate
 Concen: 43.071 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039667.D
 Acq: 28 Feb 2019 19:38

Tgt Ion:	149	Resp:	759369
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.3	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

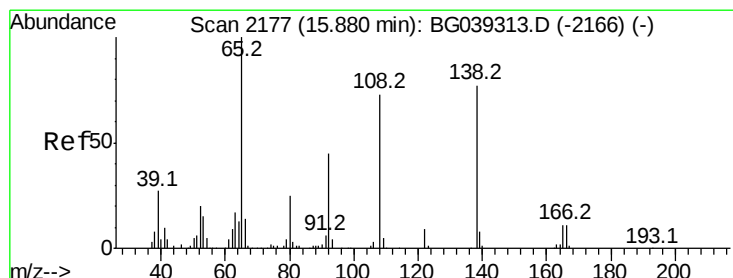
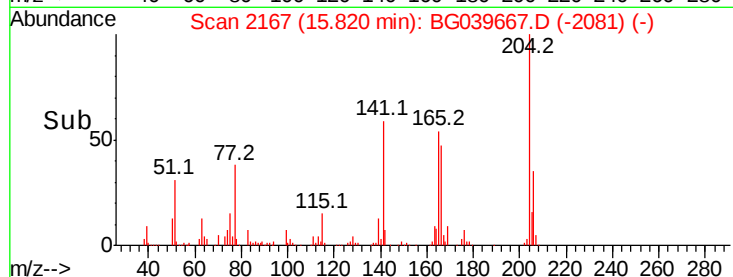
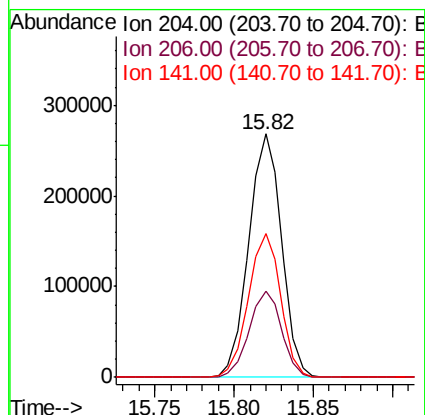
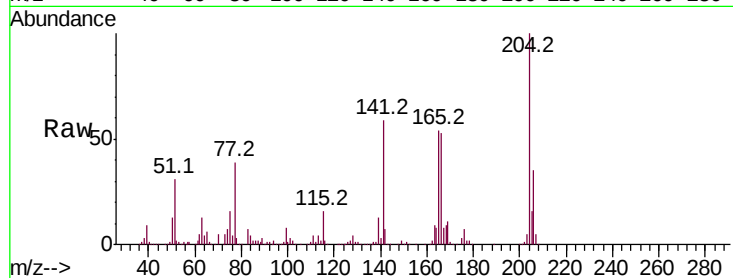




#61
4-Chlorophenyl-phenylether
Concen: 44.060 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

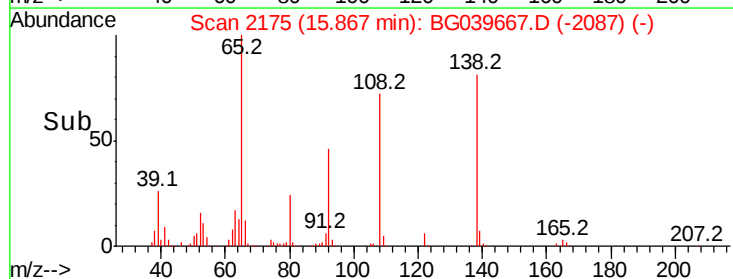
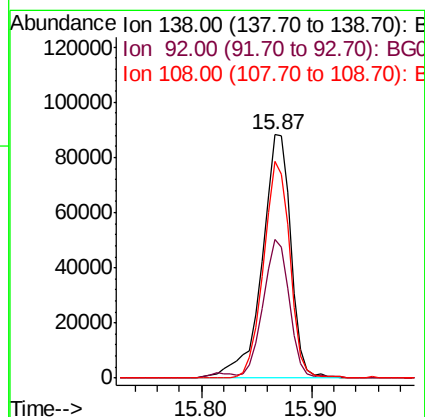
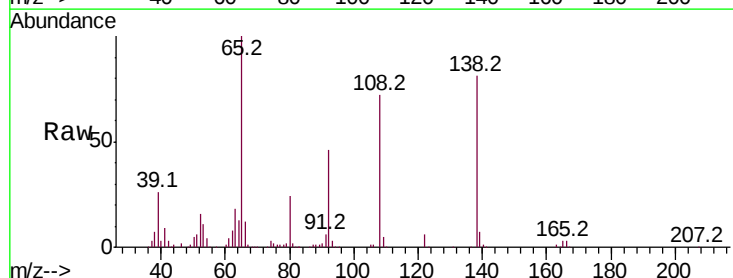
Instrument :
BNA_G
ClientSampleId :

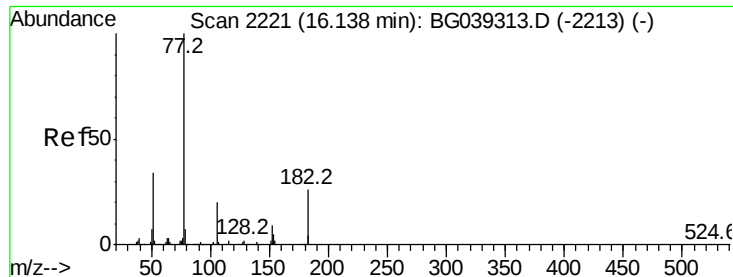
Tot Ion:204 Resp: 385963
Ion Ratio Lower Upper
204 100
206 35.4 29.2 43.8
141 59.2 49.0 73.4



#62
4-Nitroaniline
Concen: 45.380 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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





#63

Azobenzene

Concen: 38.985 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 671797

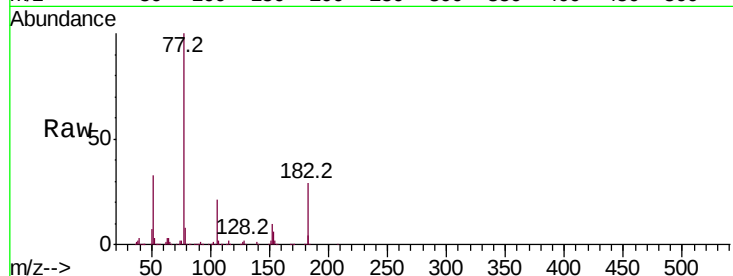
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 21.2 0.0 39.8

51 32.6 14.1 54.1

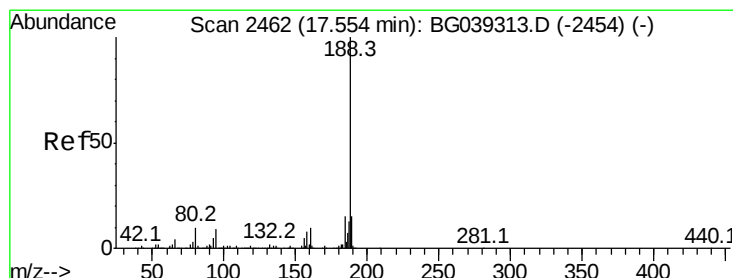
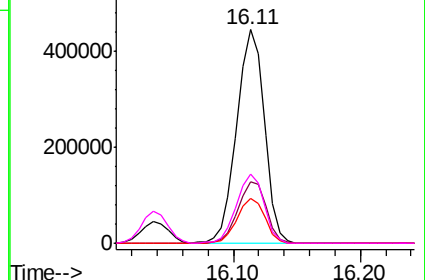
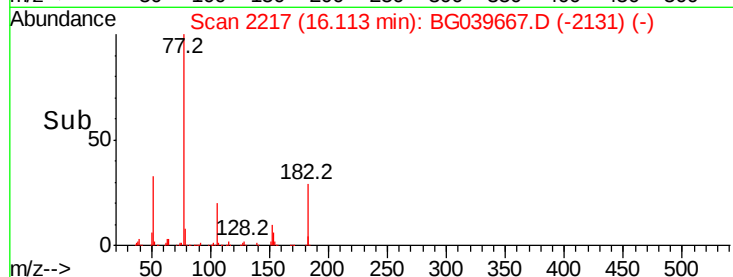


Abundance Ion 77.00 (76.70 to 77.70): BG

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

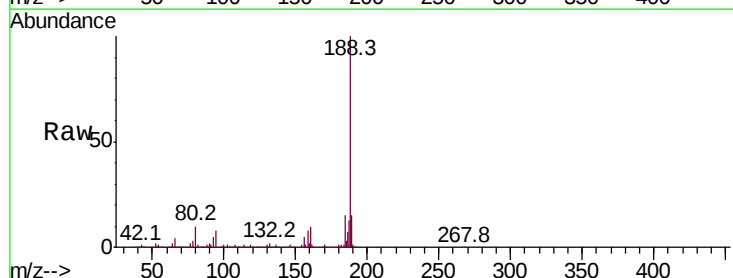
Tgt Ion: 188 Resp: 447111

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

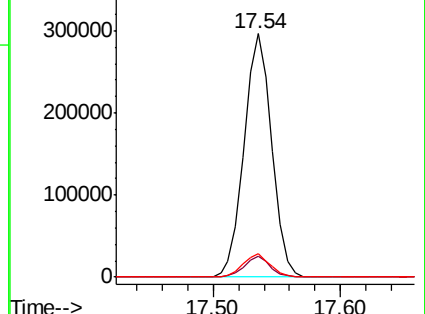
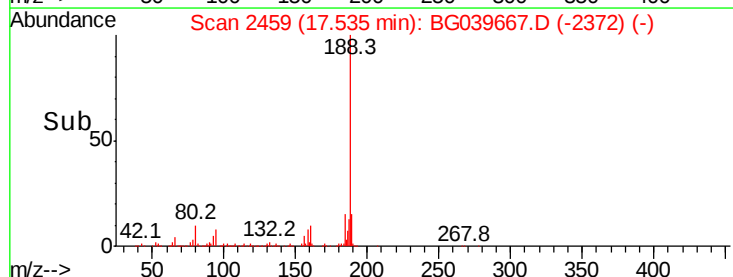
80 9.6 8.1 12.1

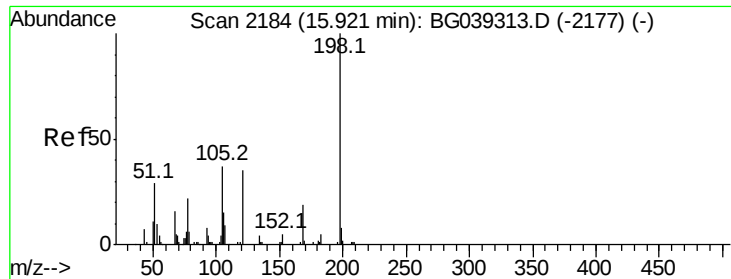


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

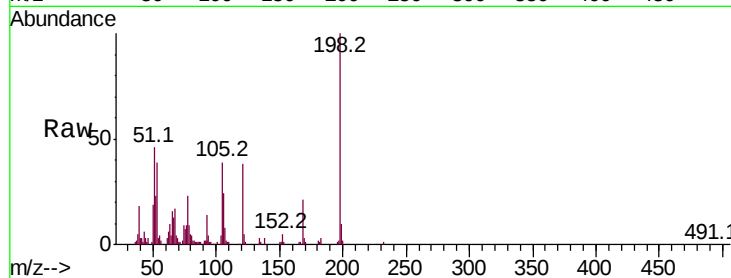




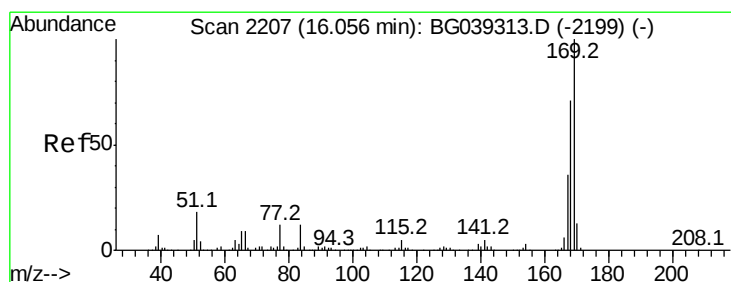
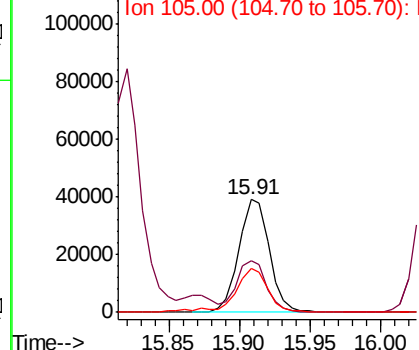
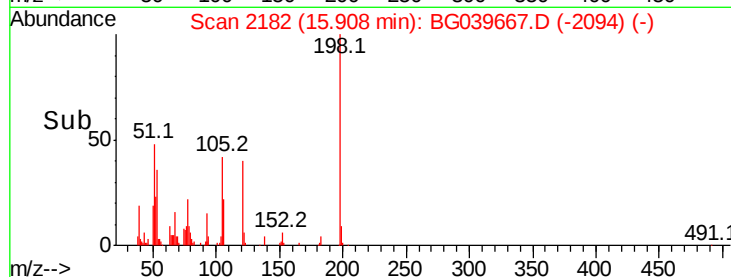
#65
4,6-Dinitro-2-methylphenol
Concen: 37.201 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	198	Resp	59207
Ion Ratio	100	Lower	Upper
51	45.6	27.4	67.4
105	39.3	19.7	59.7

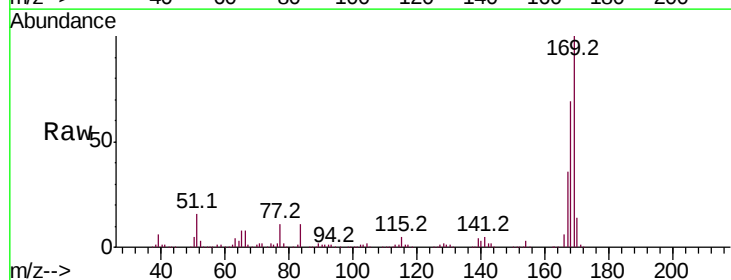


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

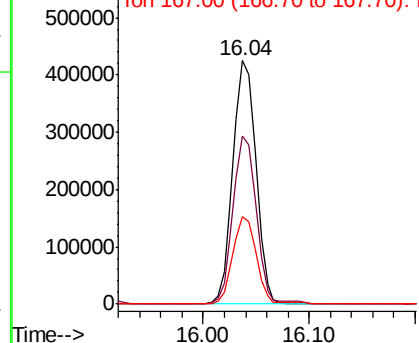
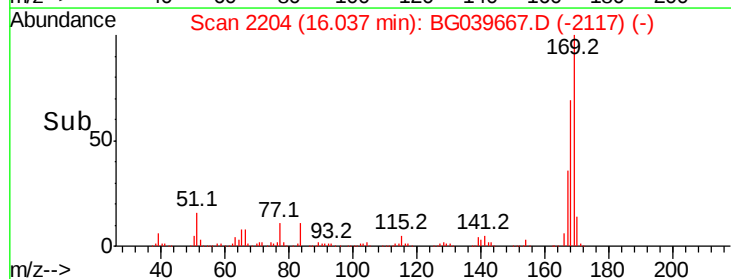


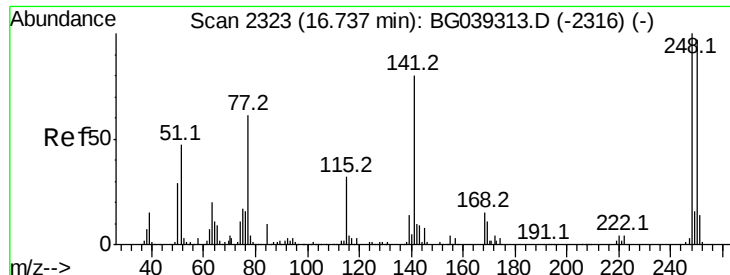
#66
n-Nitrosodiphenylamine
Concen: 47.303 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

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



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

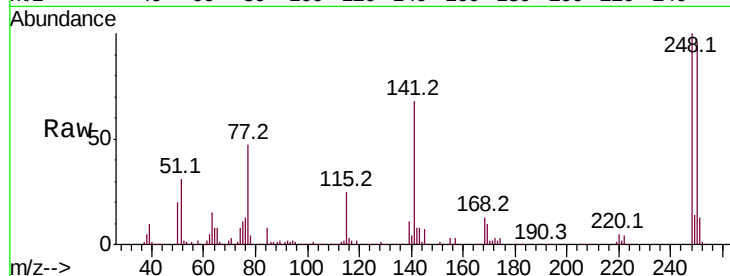




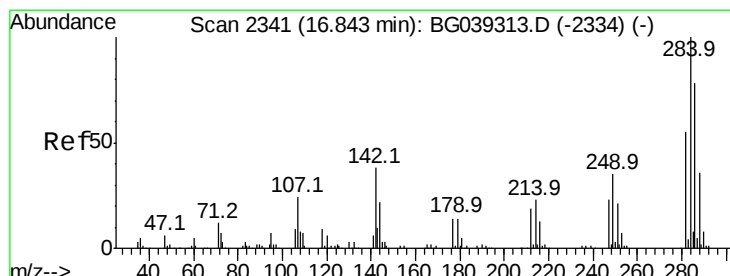
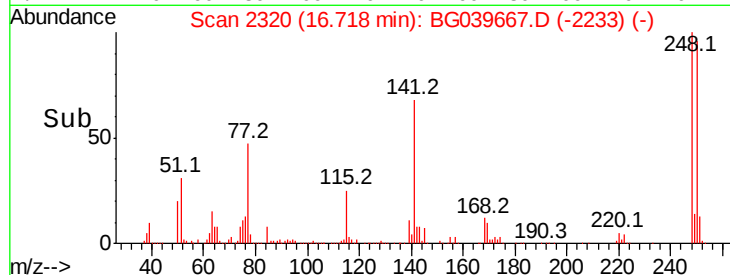
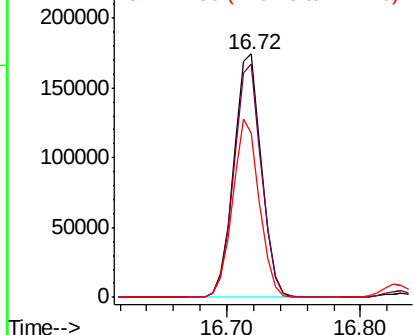
#67
4-Bromophenyl-phenylether
Concen: 50.341 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampled :

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

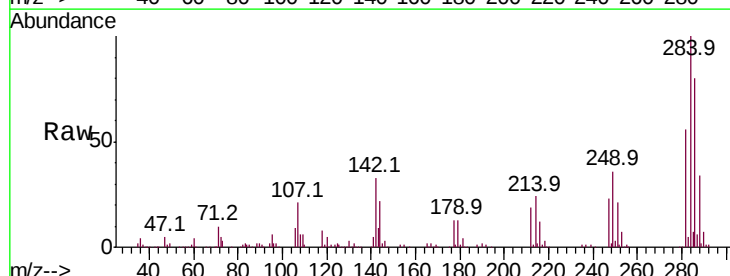


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

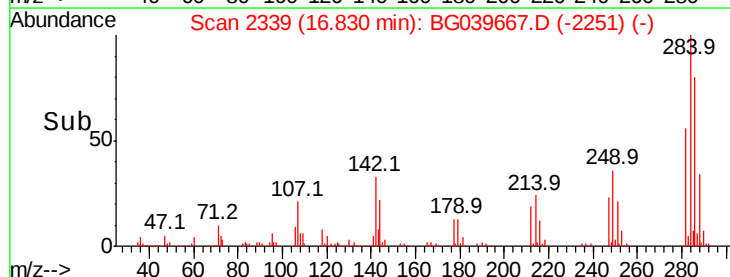
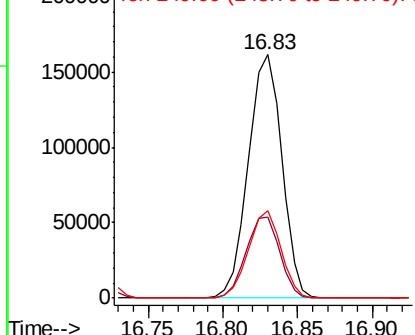


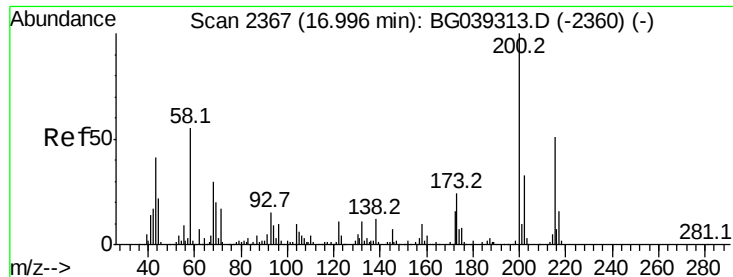
#68
Hexachlorobenzene
Concen: 50.281 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt 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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

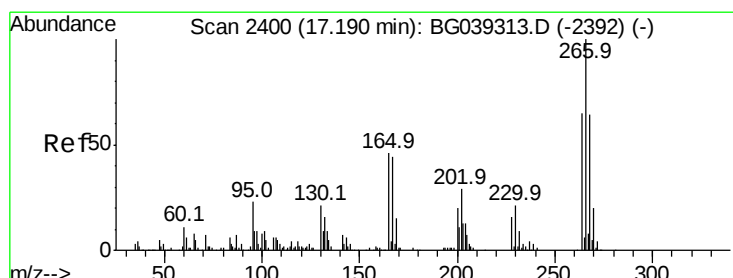
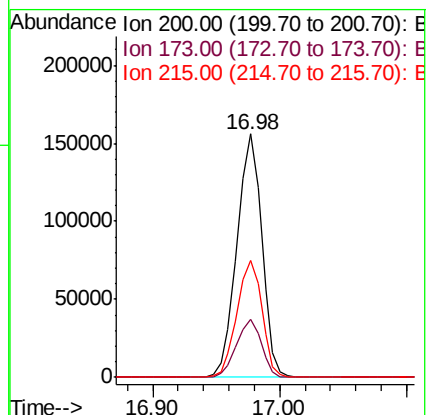
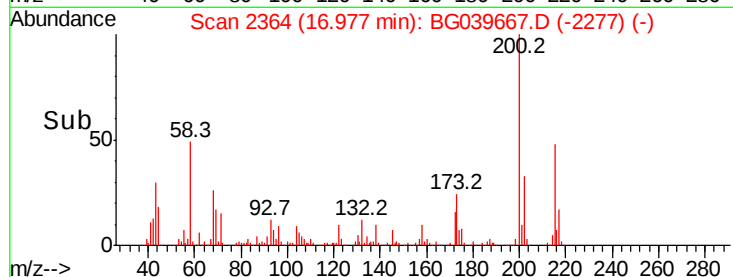
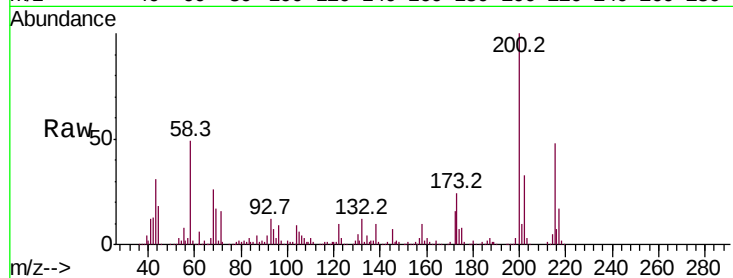
Tot Ion:200 Resp: 211193

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

215 48.1 30.9 70.9



#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

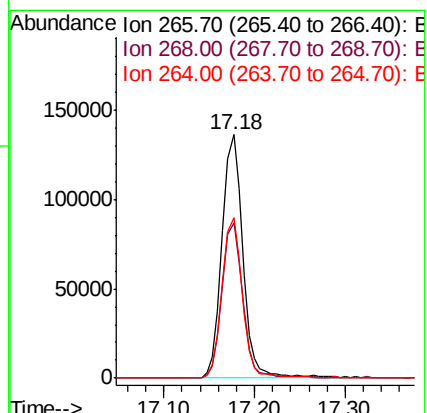
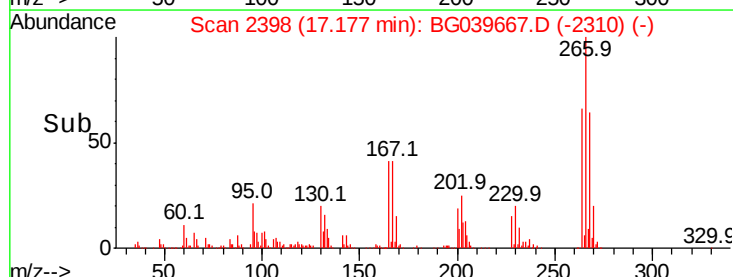
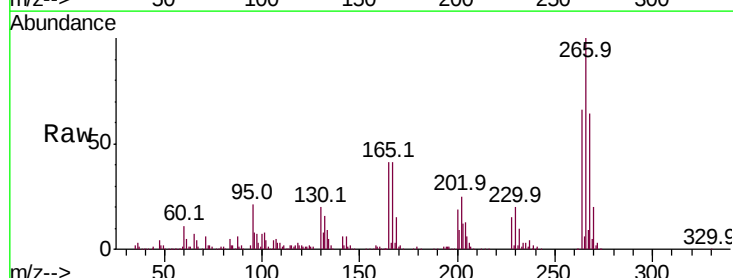
Tgt Ion:266 Resp: 219338

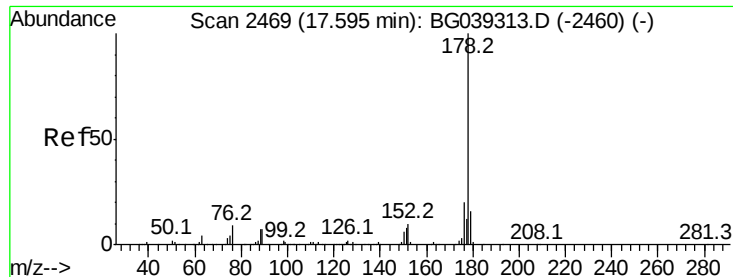
Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

264 65.6 52.1 78.1

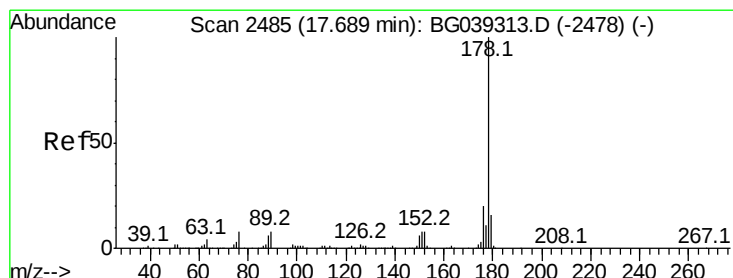
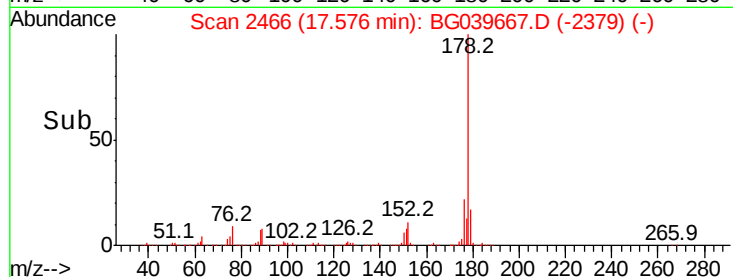
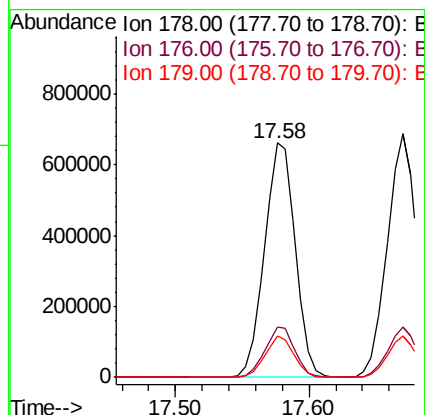
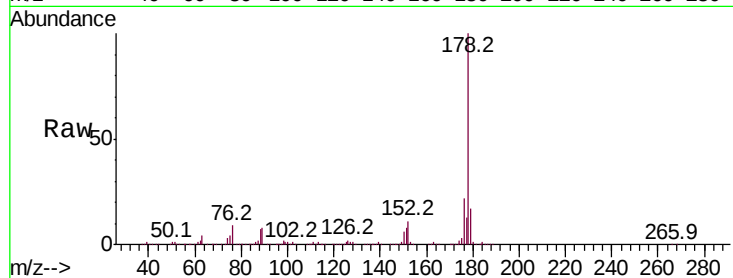




#71
Phenanthrene
Concen: 45.504 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

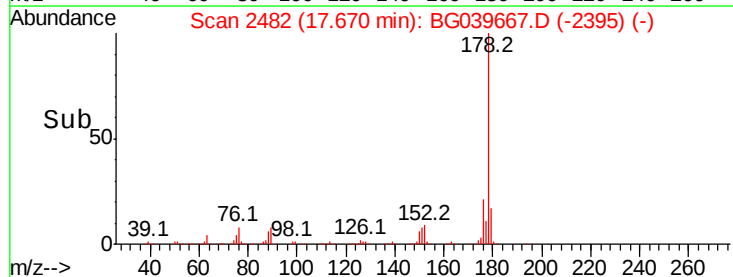
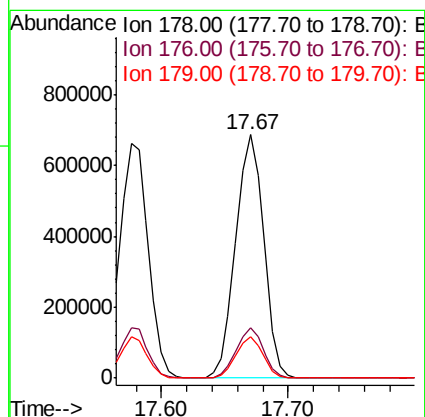
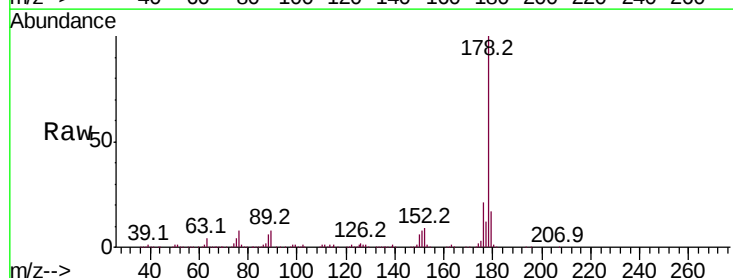
Instrument :
BNA_G
ClientSampleId :

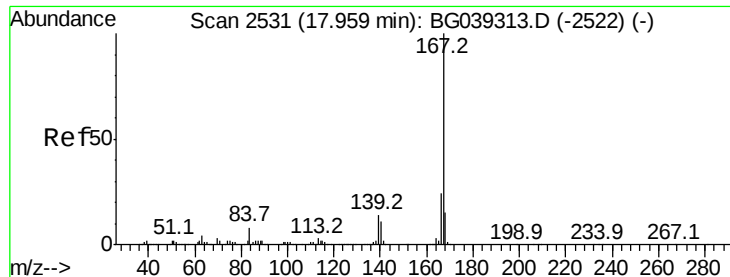
Tot Ion:178 Resp: 1053014
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 17.5 12.6 19.0



#72
Anthracene
Concen: 46.193 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:178 Resp: 1052936
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 16.9 12.5 18.7





#73

Carbazole

Concen: 37.955 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

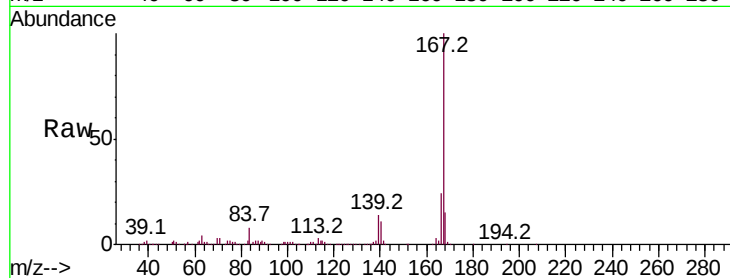
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 863407

Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.8	10.8	16.2

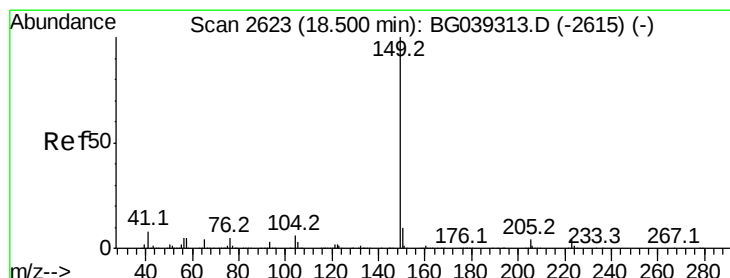
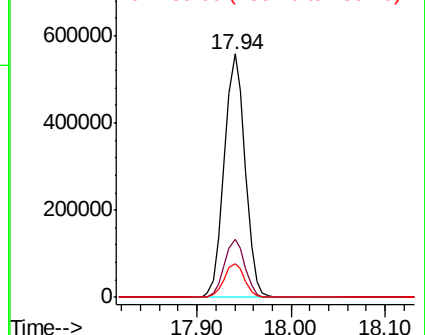
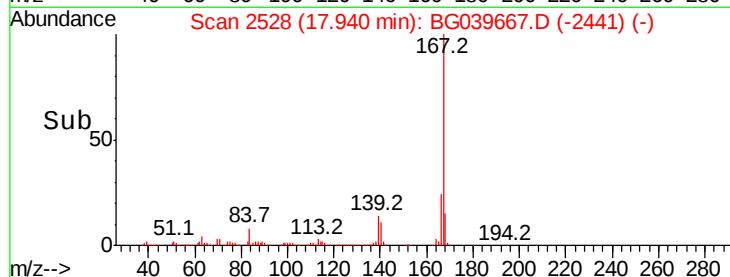


Abundance

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

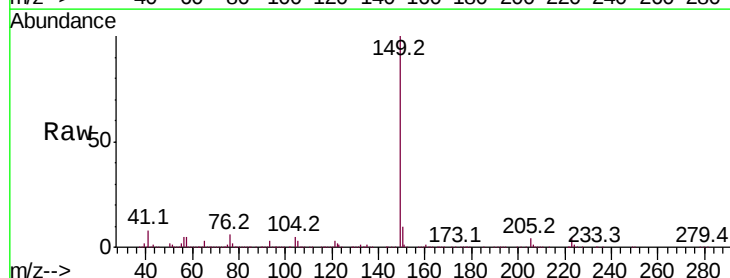
Delta R.T. -0.03 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:149 Resp: 1035782

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.4	4.5	6.7

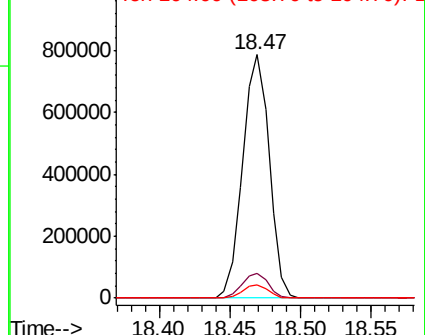
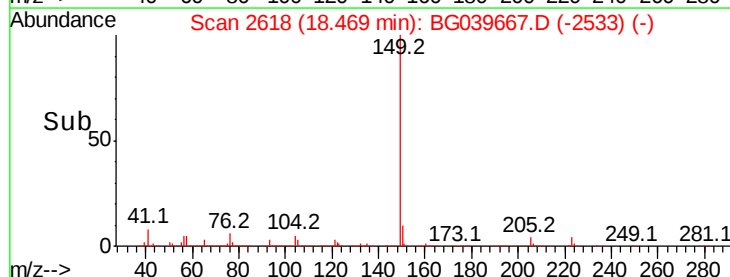


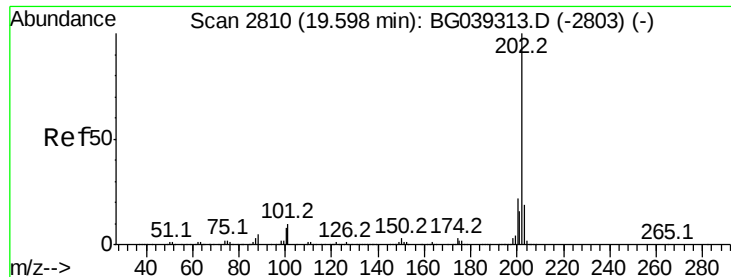
Abundance

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampled :

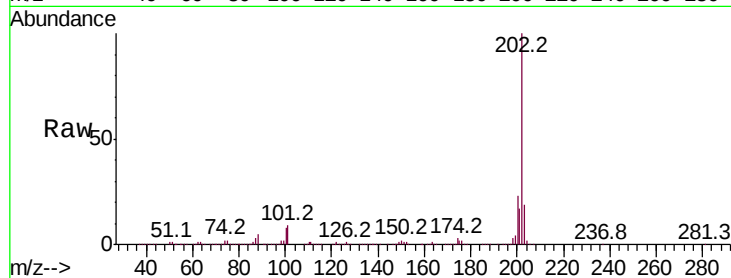
Tot Ion:202 Resp: 1067302

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

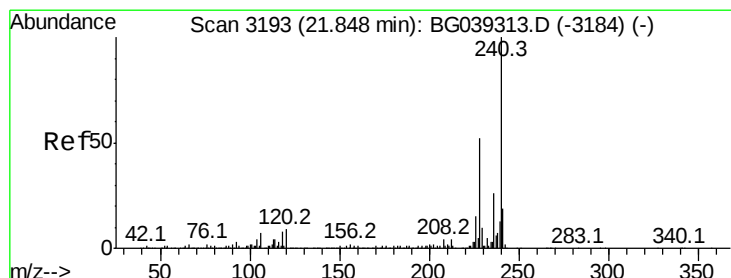
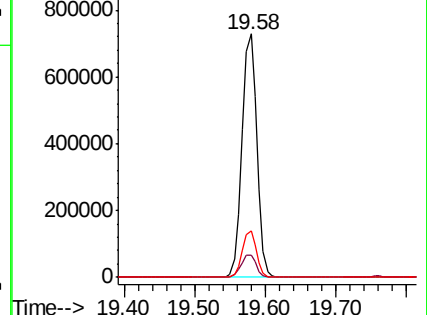
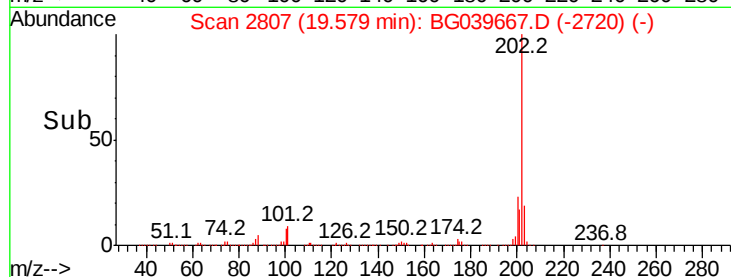
203 19.0 0.0 38.9



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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

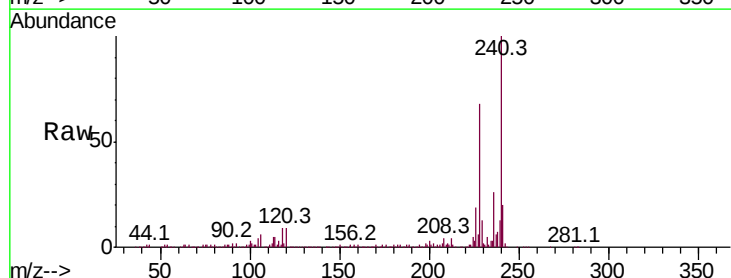
Tgt Ion:240 Resp: 362962

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

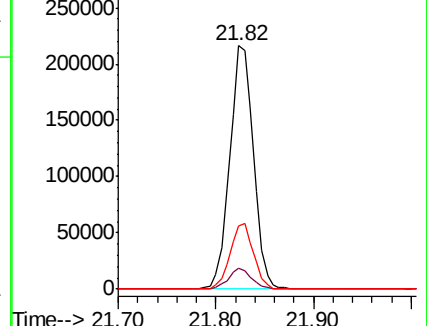
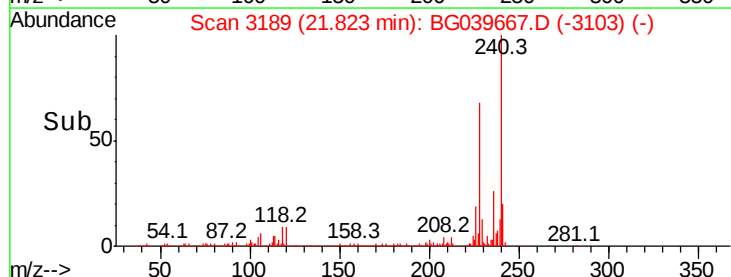
236 26.2 21.0 31.4

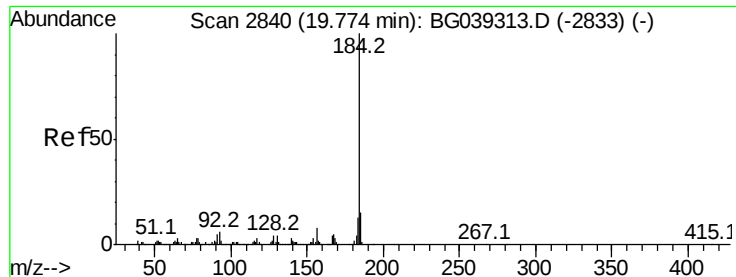


Abundance Ion 240.00 (239.70 to 240.70): E

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

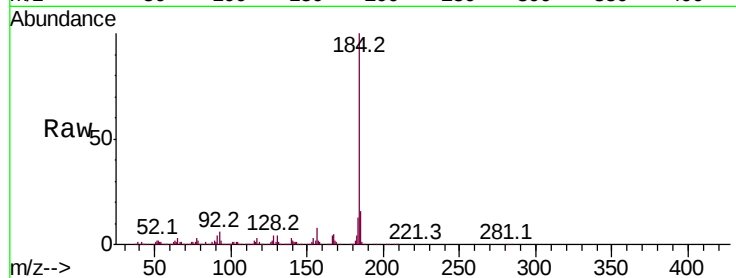
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 650685

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	13.1	10.6	15.8

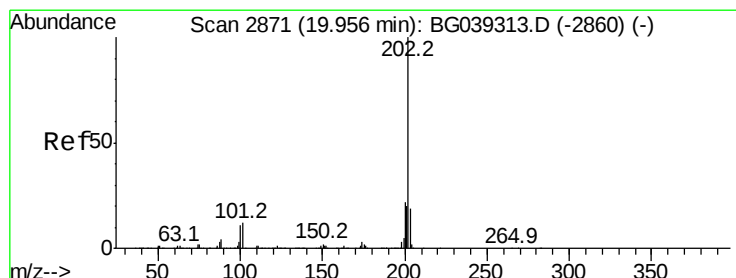
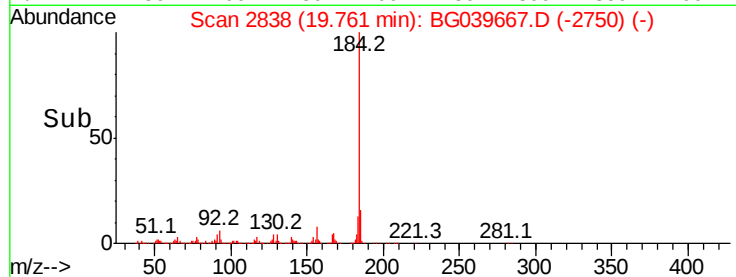
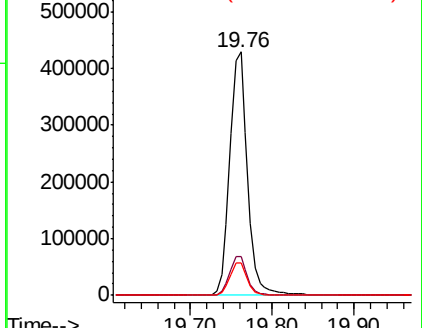


Abundance

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

Pyrene

Concen: 46.117 ng

RT: 19.94 min Scan# 2869

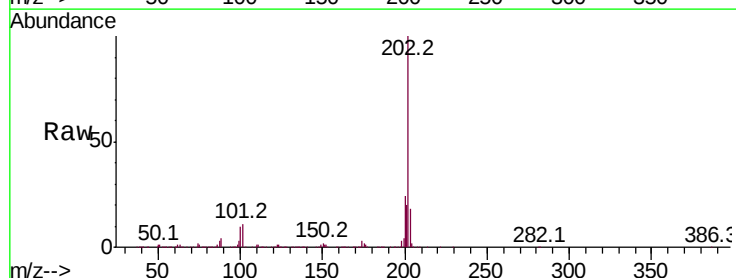
Delta R.T. -0.01 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:202 Resp: 1042023

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.8	26.8
203	18.4	15.3	22.9

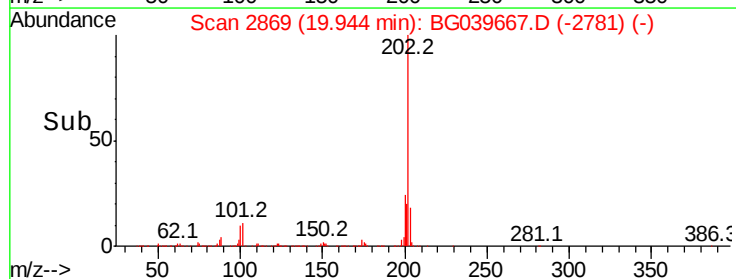
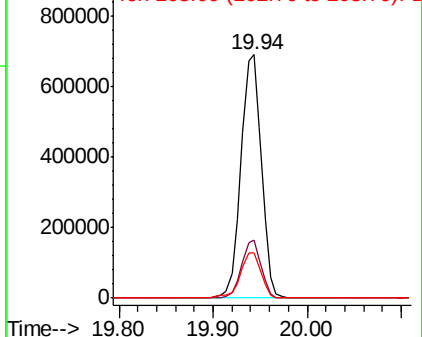


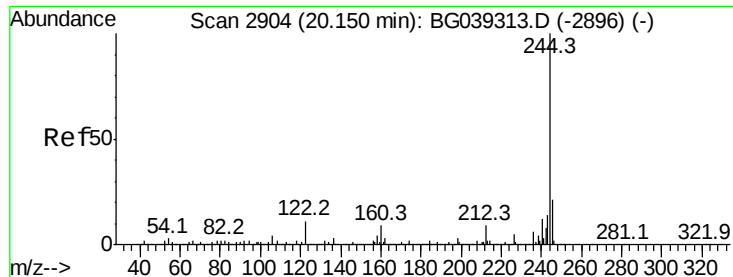
Abundance

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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampled :

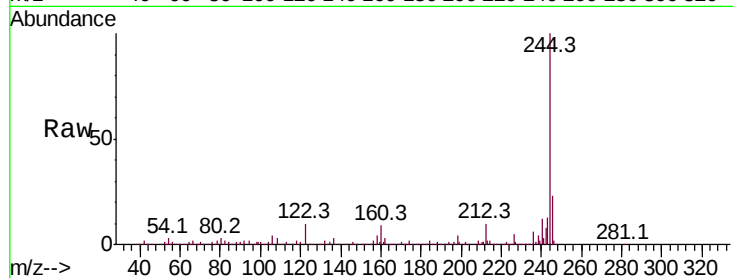
Tot Ion:244 Resp: 1453456

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

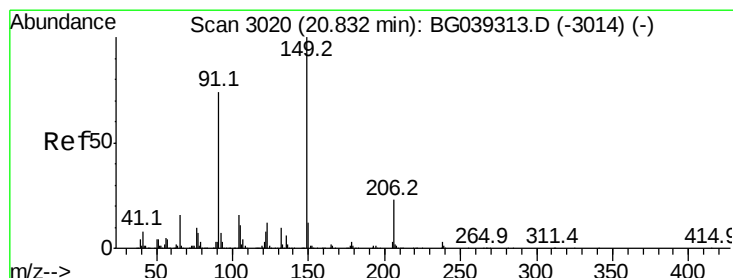
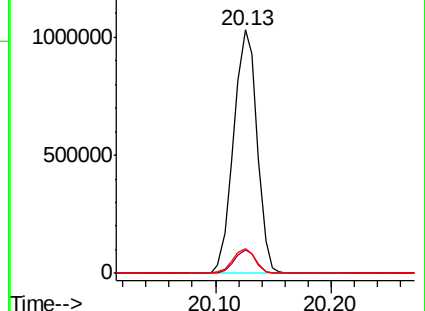
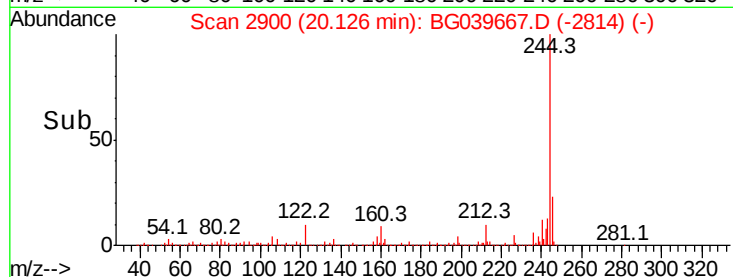
122 10.1 8.4 12.6



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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

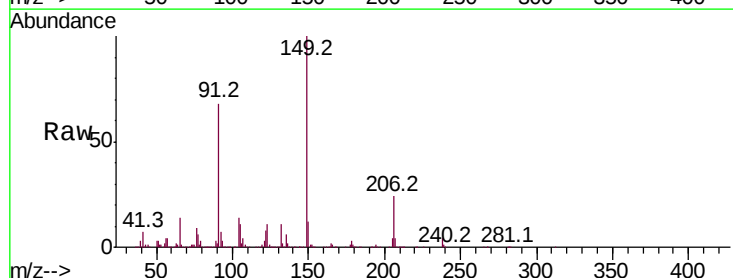
Tgt Ion:149 Resp: 443433

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

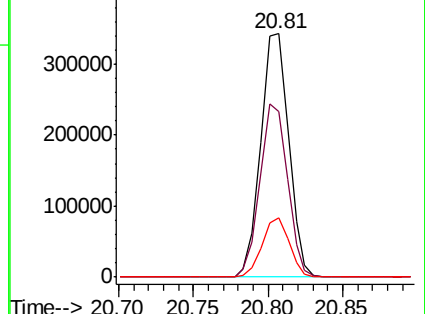
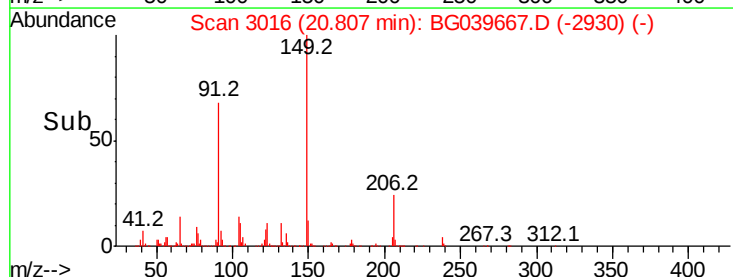
206 24.3 18.6 27.8

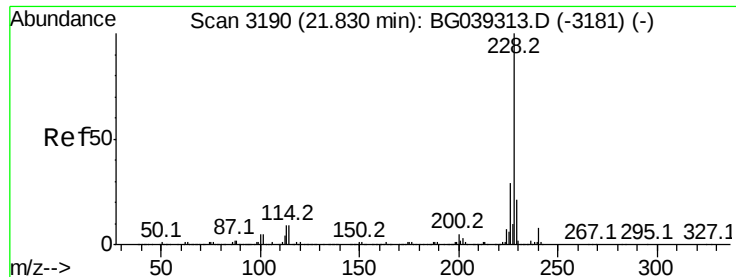


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

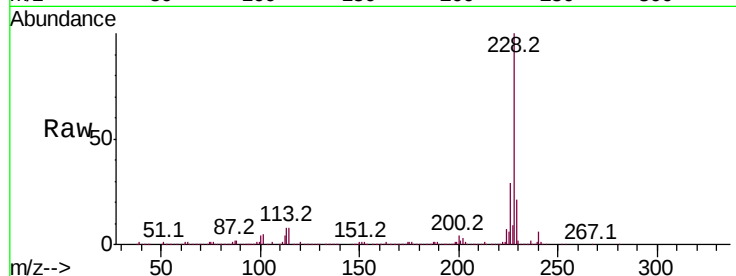




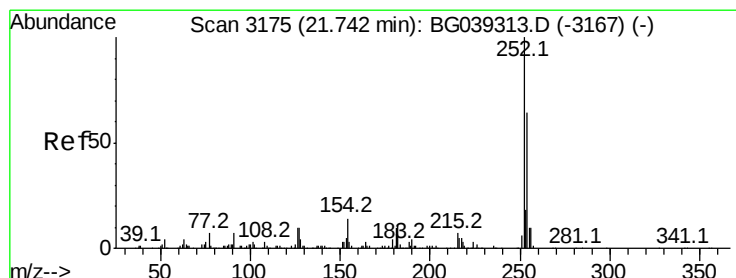
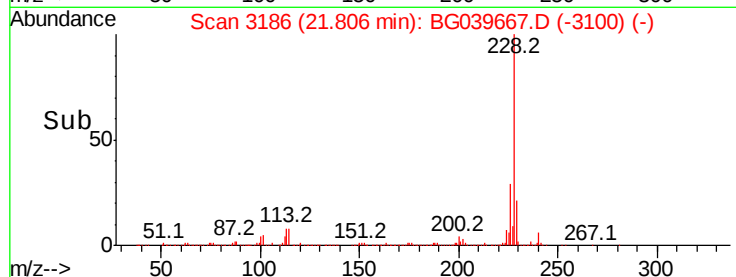
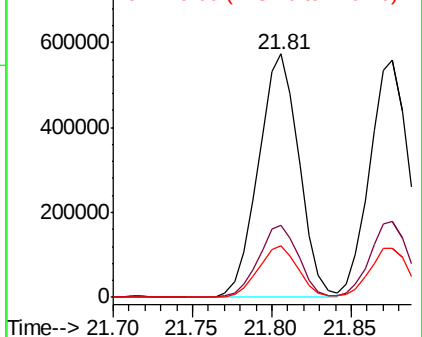
#81
Benzo(a)anthracene
Concen: 47.524 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1019265
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.6
229 21.5 16.9 25.3

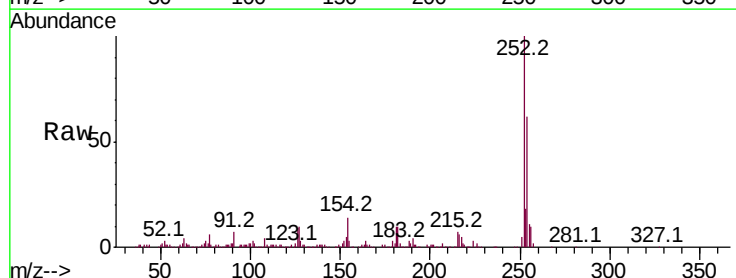


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

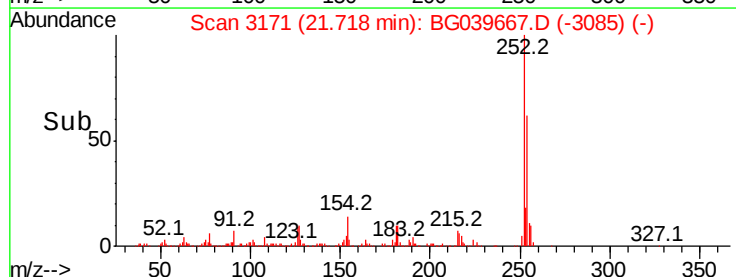
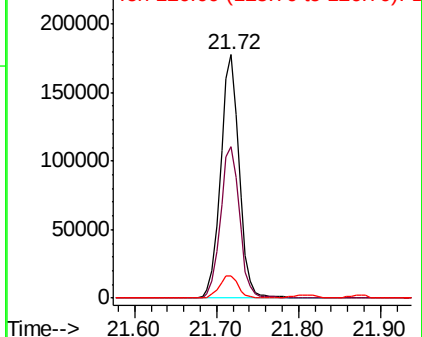


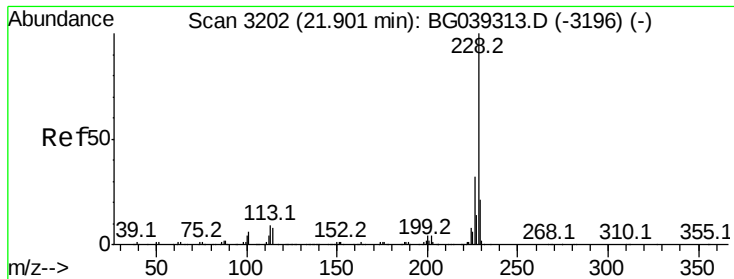
#82
3,3'-Dichlorobenzidine
Concen: 35.104 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt 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. -0.02 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

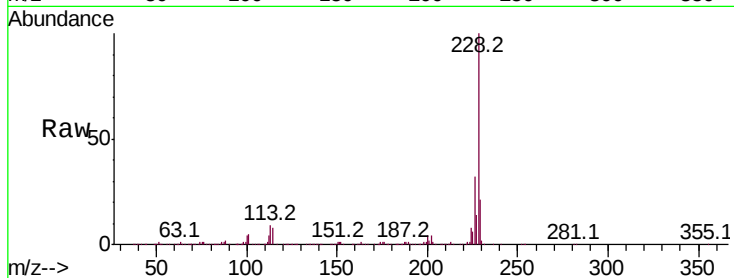
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 953985

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	20.6	16.6	25.0

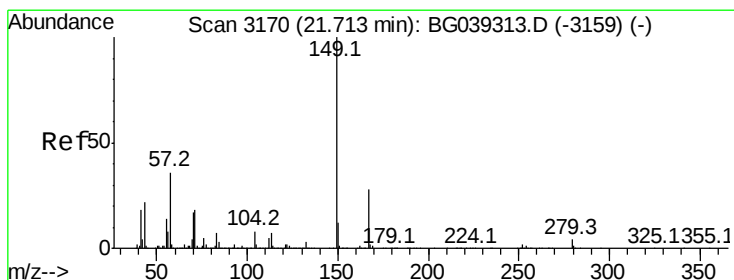
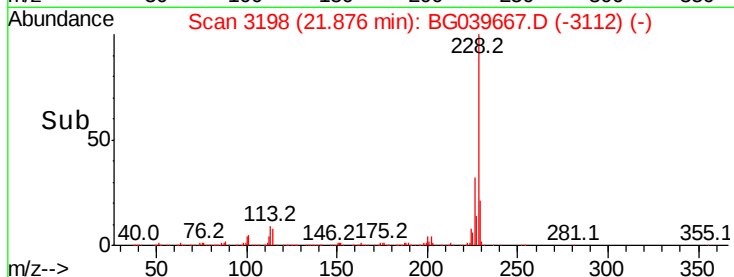
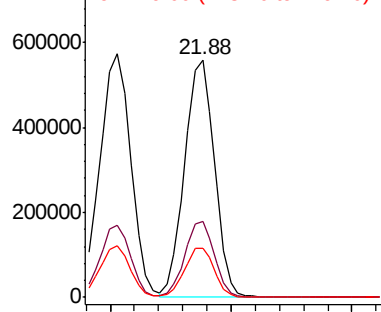


Abundance

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

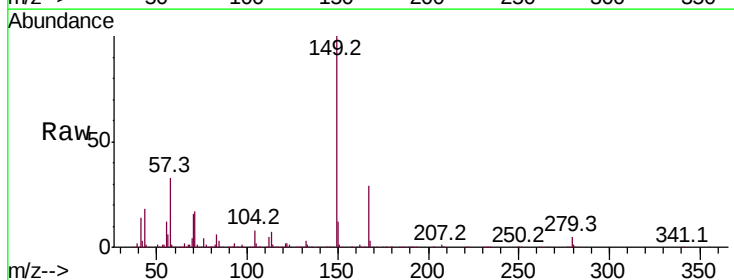
Delta R.T. -0.04 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Tgt Ion:149 Resp: 623456

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

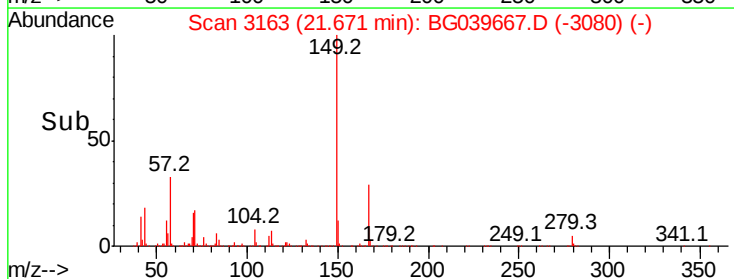
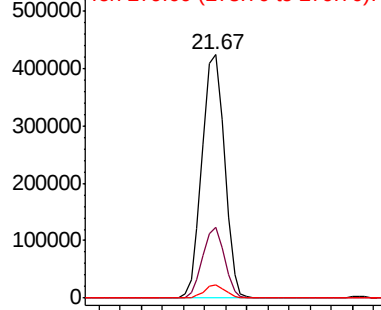


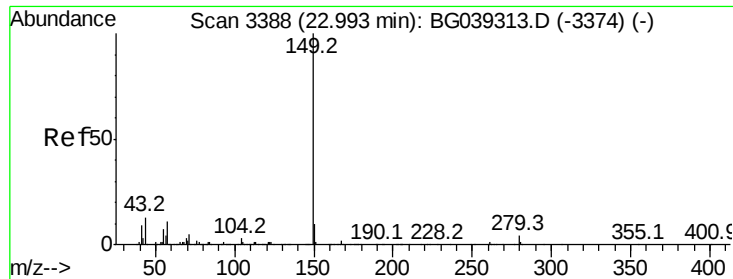
Abundance

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





#85

Di-n-octyl phthalate

Concen: 47.928 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

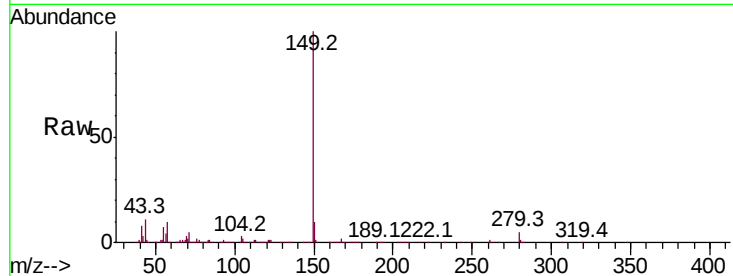
Tot Ion:149 Resp: 1076715

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

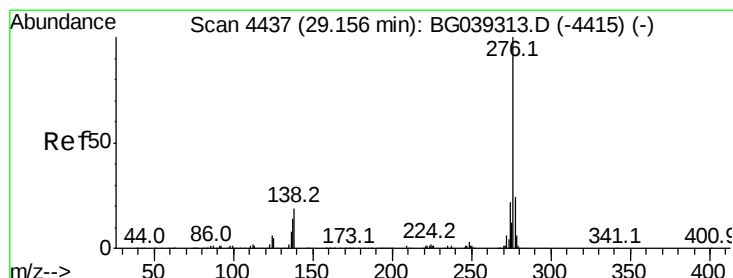
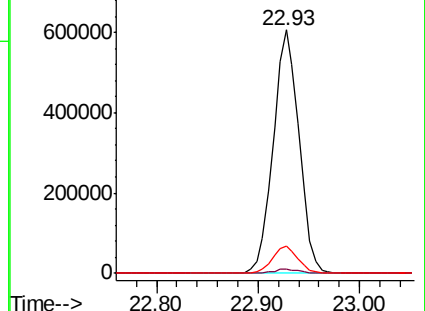
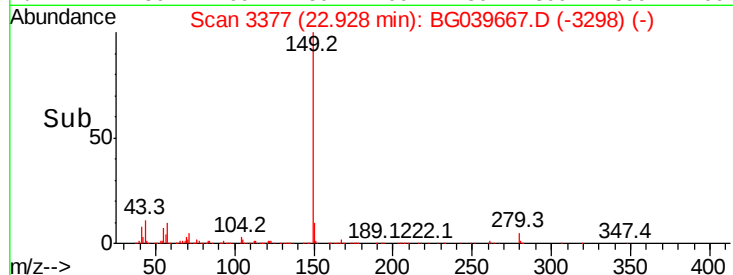
43 10.9 10.2 15.4



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.454 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.08 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

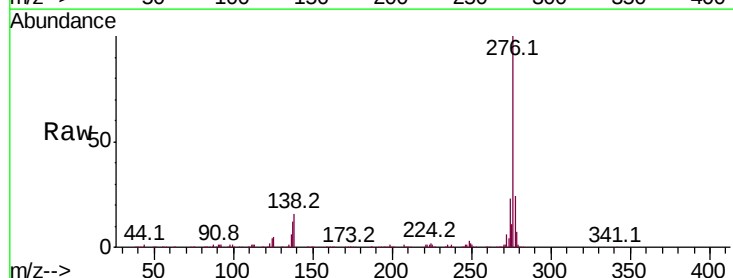
Tgt Ion:276 Resp: 1170908

Ion Ratio Lower Upper

276 100

138 13.7 12.6 19.0

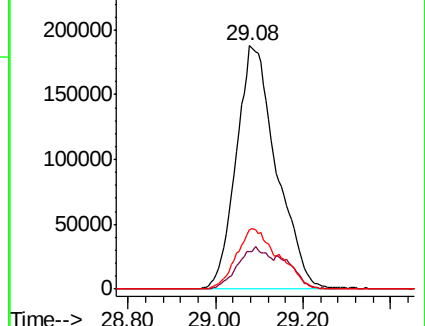
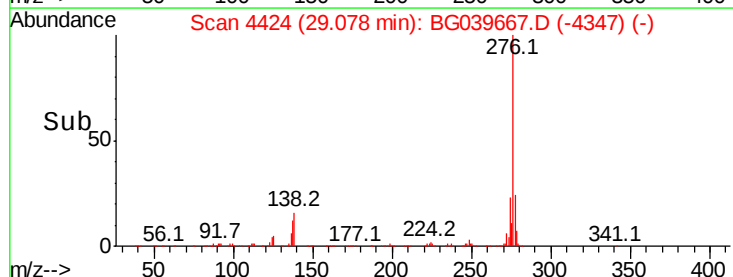
277 26.3 20.8 31.2

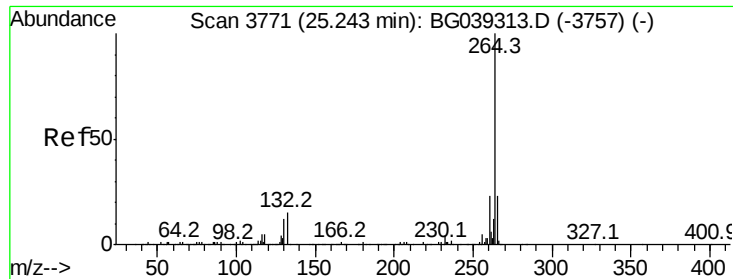


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

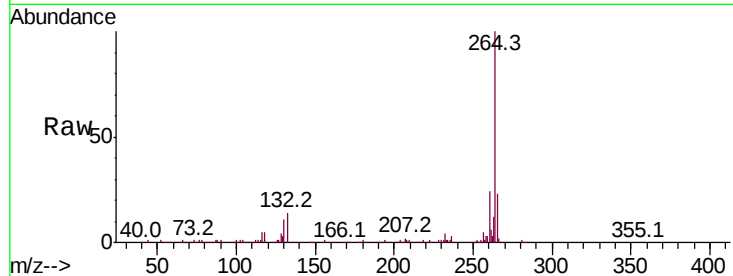
Tot Ion:264 Resp: 381869

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

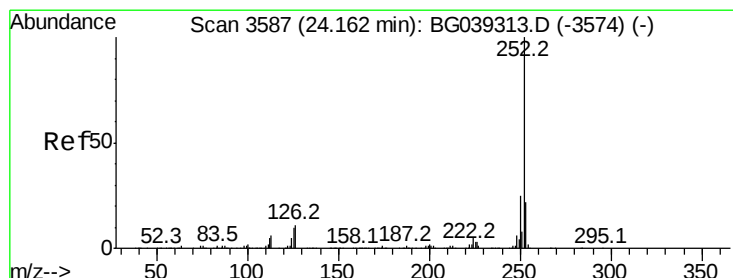
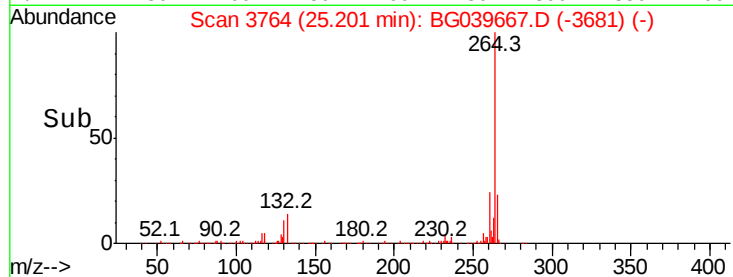
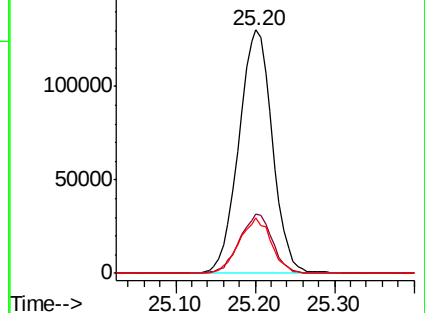
265 22.7 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.996 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

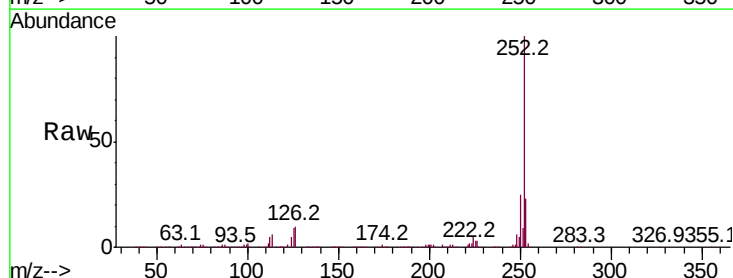
Tgt Ion:252 Resp: 1020371

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

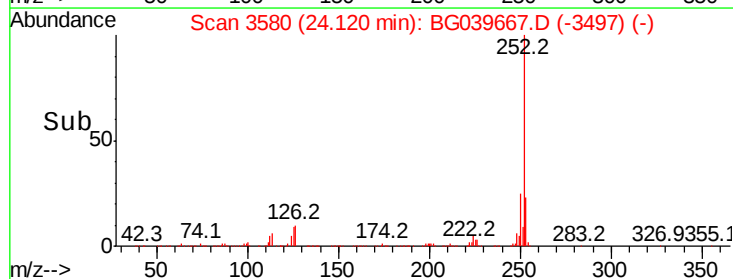
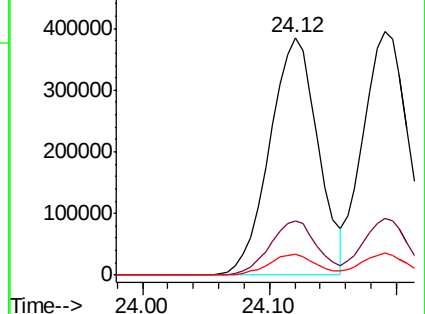
125 8.9 7.8 11.6

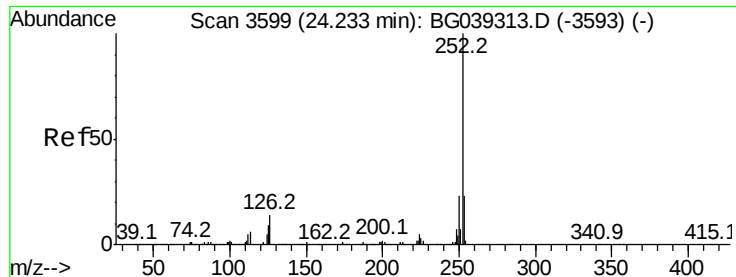


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

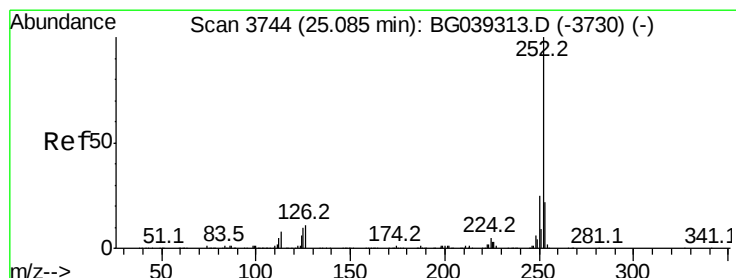
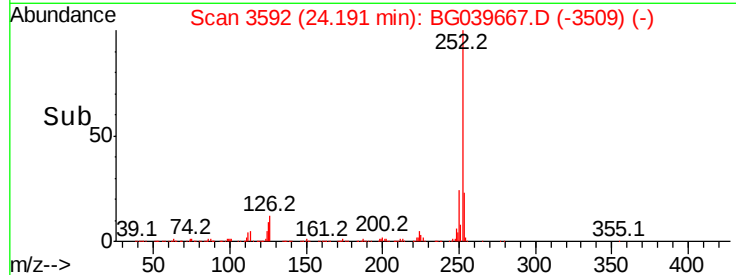
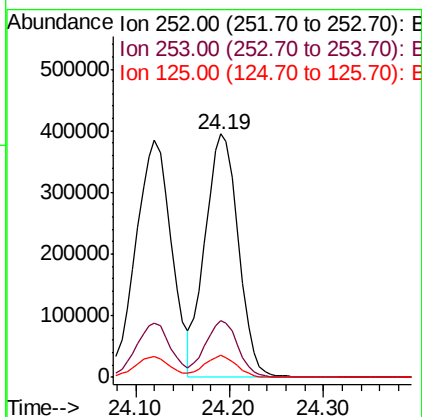
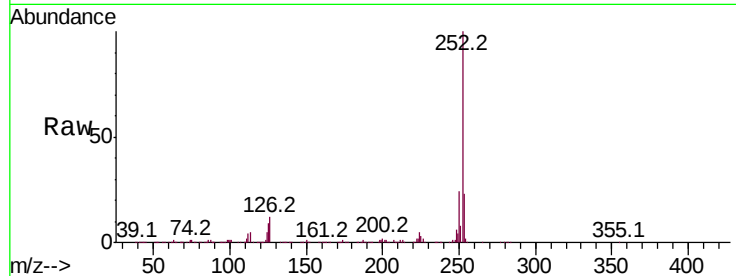




#89
Benzo(k)fluoranthene
Concen: 46.741 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

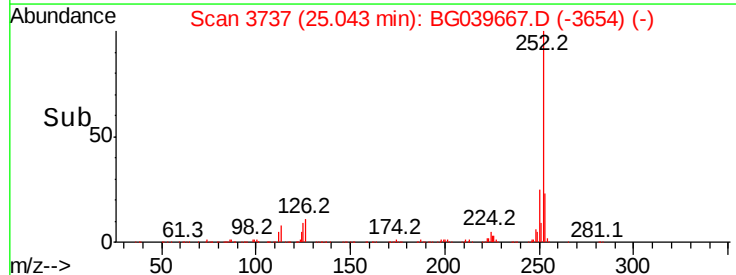
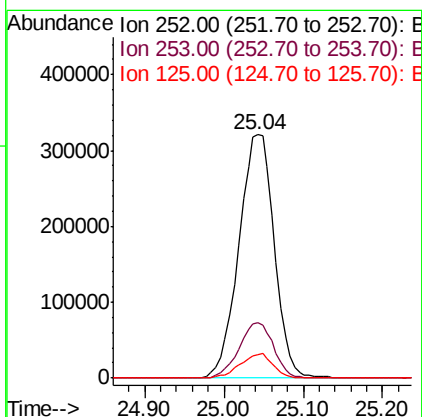
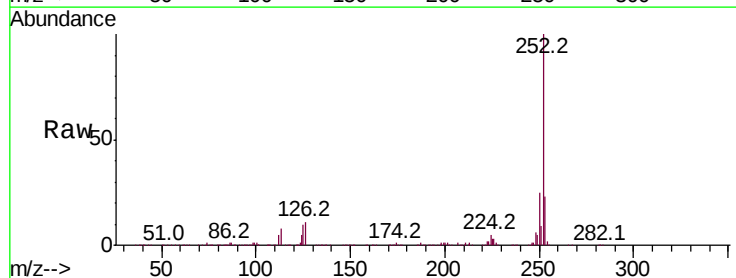
Instrument :
BNA_G
ClientSampleId :

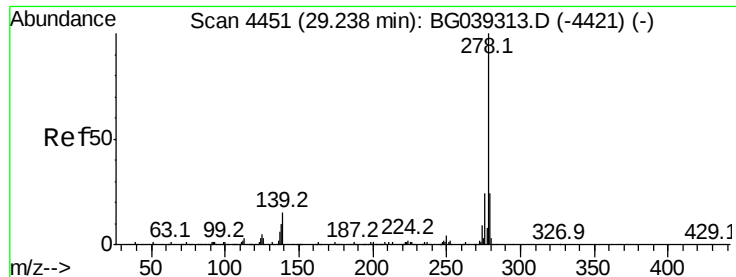
Tot Ion:252 Resp: 977272
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.578 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039667.D
Acq: 28 Feb 2019 19:38

Tgt Ion:252 Resp: 994367
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.918 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.08 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

Instrument :

BNA_G

ClientSampled :

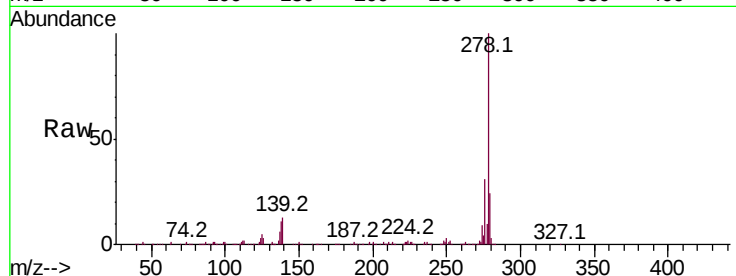
Tot Ion:278 Resp: 956393

Ion Ratio Lower Upper

278 100

139 13.4 11.7 17.5

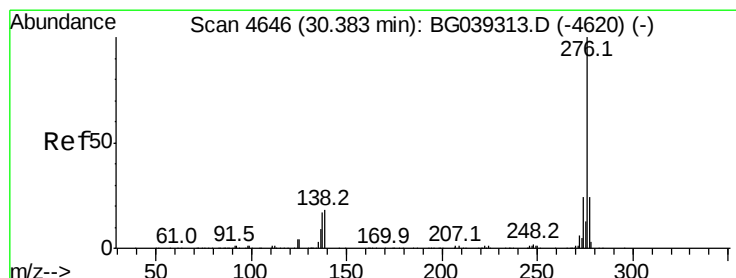
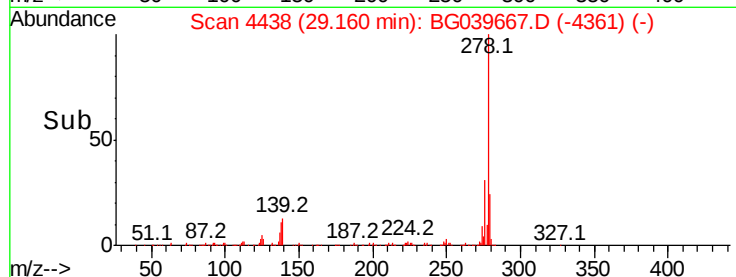
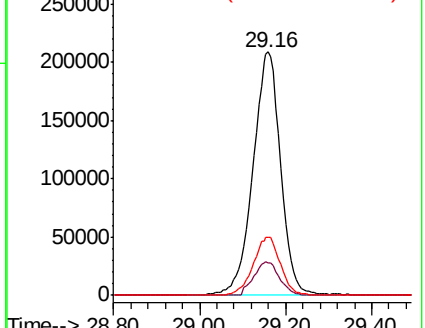
279 23.9 19.1 28.7



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(g,h,i)perylene

Concen: 51.975 ng

RT: 30.32 min Scan# 4636

Delta R.T. -0.06 min

Lab File: BG039667.D

Acq: 28 Feb 2019 19:38

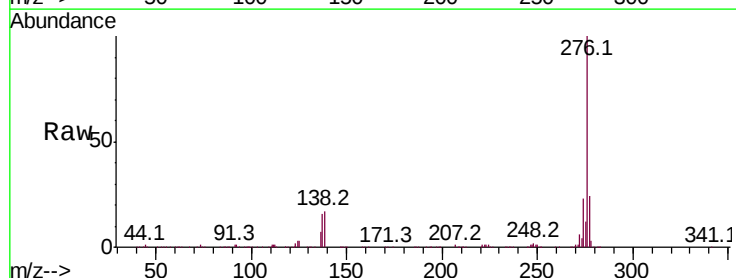
Tgt Ion:276 Resp: 973050

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 16.9 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

