

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039627.D
 Acq On : 27 Feb 2019 9:15
 Operator : JU/SJ
 Sample : PB117396BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 10:12:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	62281	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	267717	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	179132	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	424987	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	433784	20.00	ng	-0.02
87) Perylene-d12	25.20	264	453427	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	360895	99.18	ng	0.00
7) Phenol-d6	7.32	99	518154	96.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	442204	103.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	196660	101.95	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1055385	84.52	ng	-0.02
79) Terphenyl-d14	20.12	244	1468684	71.67	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	60228	37.837	ng	91
3) Pyridine	4.00	79	167319	39.702	ng	98
4) n-Nitrosodimethylamine	3.92	42	89225	42.334	ng	# 80
6) Aniline	7.49	93	125516	18.708	ng	98
8) 2-Chlorophenol	7.73	128	197288	49.598	ng	96
9) Benzaldehyde	7.31	77	88550	31.008	ng	97
10) Phenol	7.34	94	268320	48.054	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	184371	41.787	ng	96
12) 1,3-Dichlorobenzene	8.05	146	200712	41.653	ng	98
13) 1,4-Dichlorobenzene	8.20	146	206602	43.016	ng	99
14) 1,2-Dichlorobenzene	8.52	146	196453	42.252	ng	97
15) Benzyl Alcohol	8.40	79	184656	43.911	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	352300	35.358	ng	99
17) 2-Methylphenol	8.60	107	170783	47.264	ng	99
18) Hexachloroethane	9.25	117	72709	44.002	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	152634	40.148	ng	94
20) 3+4-Methylphenols	8.93	107	236648	47.560	ng	95
22) Acetophenone	9.00	105	287048	39.916	ng	# 93
24) Nitrobenzene	9.39	77	225506	48.709	ng	99
25) Isophorone	9.90	82	431434	45.431	ng	98
26) 2-Nitrophenol	10.10	139	111316	57.612	ng	# 89
27) 2,4-Dimethylphenol	10.14	122	203266	52.912	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	257191	43.970	ng	96
29) 2,4-Dichlorophenol	10.63	162	211675	50.416	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	208969	44.332	ng	98
31) Naphthalene	11.04	128	598141	45.036	ng	97
32) Benzoic acid	10.28	122	119040	47.449	ng	95
33) 4-Chloroaniline	11.15	127	57496	9.337	ng	96
34) Hexachlorobutadiene	11.30	225	137789	43.955	ng	91
35) Caprolactam	11.94	113	52225	30.059	ng	94
36) 4-Chloro-3-methylphenol	12.25	107	226911	46.732	ng	94
37) 2-Methylnaphthalene	12.63	142	452855	46.037	ng	99
38) 1-Methylnaphthalene	12.85	142	434759	45.850	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	254429	44.641	ng	99

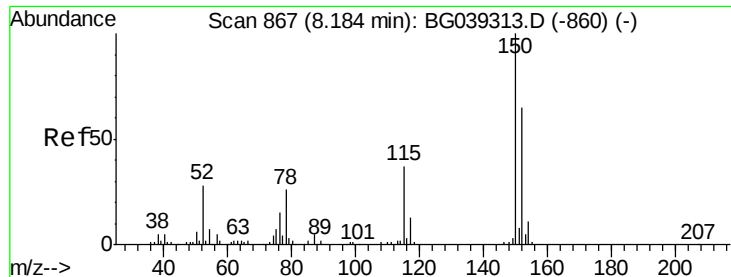
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	336260	108.271	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	178755	51.010	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	193149	52.589	ng	97
46) 1,1'-Biphenyl	13.63	154	608037	40.796	ng	99
47) 2-Chloronaphthalene	13.67	162	476787	42.524	ng	99
48) 2-Nitroaniline	13.89	65	163193	50.207	ng	94
49) Acenaphthylene	14.52	152	764299	45.176	ng	99
50) Dimethylphthalate	14.24	163	619972	42.853	ng	99
51) 2,6-Dinitrotoluene	14.37	165	142152	51.948	ng	94
52) Acenaphthene	14.85	154	457370	41.648	ng	98
53) 3-Nitroaniline	14.70	138	46694	19.866	ng	# 82
54) 2,4-Dinitrophenol	14.90	184	95721	80.023	ng	97
55) Dibenzofuran	15.19	168	753554	42.797	ng	99
56) 4-Nitrophenol	15.00	139	246323	93.140	ng	87
57) 2,4-Dinitrotoluene	15.15	165	201580	56.538	ng	85
58) Fluorene	15.84	166	592668	45.153	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	186874	54.341	ng	96
60) Diethylphthalate	15.59	149	628572	42.022	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	318199	42.813	ng	97
62) 4-Nitroaniline	15.86	138	149342	49.119	ng	95
63) Azobenzene	16.11	77	564945	38.641	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	96147	54.473	ng	94
66) n-Nitrosodiphenylamine	16.04	169	546855	42.318	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	211566	44.873	ng	94
68) Hexachlorobenzene	16.83	284	217739	46.031	ng	95
69) Atrazine	16.98	200	206321	43.690	ng	98
70) Pentachlorophenol	17.17	266	252971	76.946	ng	99
71) Phenanthrene	17.58	178	993285	45.157	ng	98
72) Anthracene	17.67	178	1017491	46.962	ng	98
73) Carbazole	17.94	167	904926	41.851	ng	99
74) Di-n-butylphthalate	18.47	149	1078034	42.736	ng	99
75) Fluoranthene	19.58	202	1216141	47.635	ng	99
77) Benzidine	19.76	184	283860	19.959	ng	99
78) Pyrene	19.94	202	1212885	44.915	ng	98
80) Butylbenzylphthalate	20.81	149	518683	45.533	ng	96
81) Benzo(a)anthracene	21.80	228	1188604	46.372	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	193056	20.313	ng	98
83) Chrysene	21.87	228	1113586	45.639	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	721233	44.380	ng	99
85) Di-n-octyl phthalate	22.93	149	1211911	45.138	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1361746	52.016	ng	97
88) Benzo(b)fluoranthene	24.12	252	1162605	47.016	ng	98
89) Benzo(k)fluoranthene	24.19	252	1142815	46.032	ng	100
90) Benzo(a)pyrene	25.04	252	1155218	48.508	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1097385	49.205	ng	99
92) Benzo(g,h,i)perylene	30.32	276	1120652	50.413	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

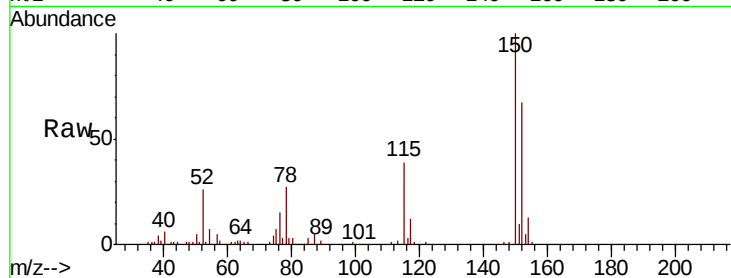
Tot Ion:152 Resp: 62281

Ion Ratio Lower Upper

152 100

150 149.6 123.7 185.5

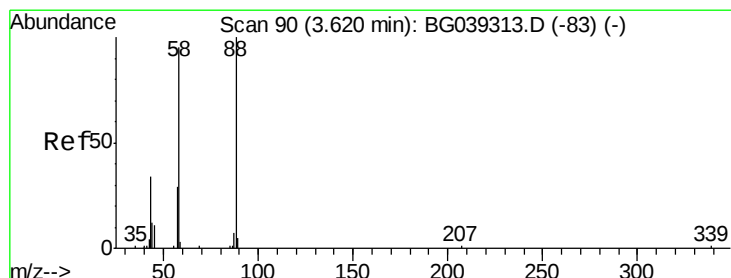
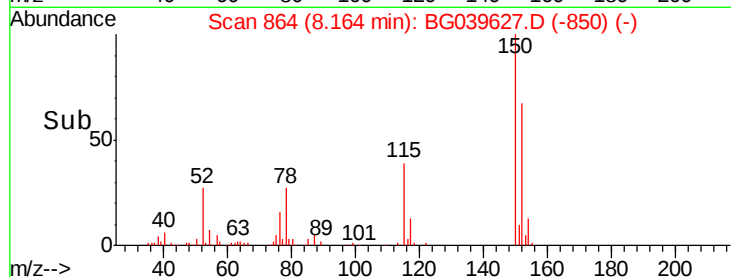
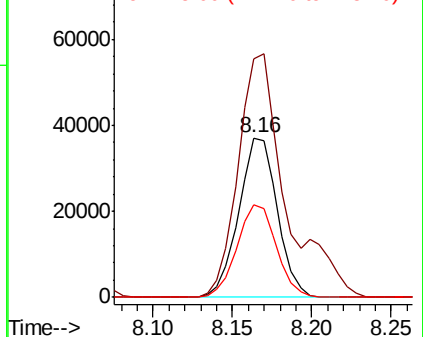
115 58.1 45.9 68.9



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: 37.837 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

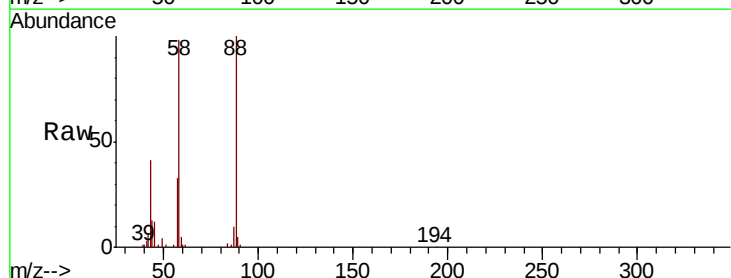
Tgt Ion: 88 Resp: 60228

Ion Ratio Lower Upper

88 100

58 92.8 81.1 121.7

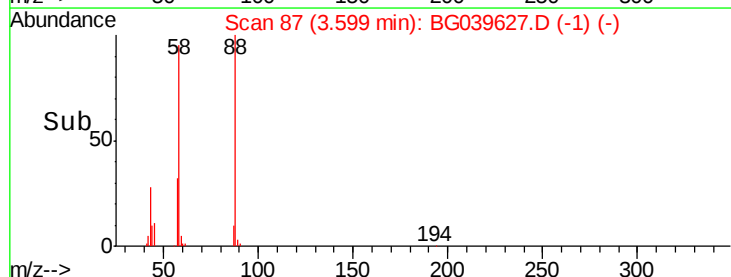
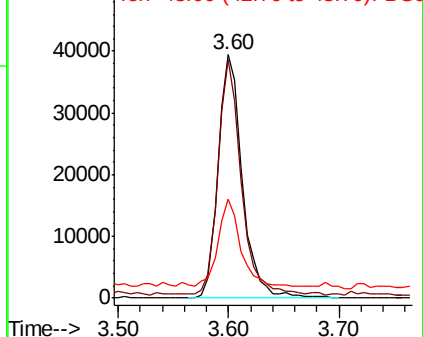
43 32.9 31.4 47.0

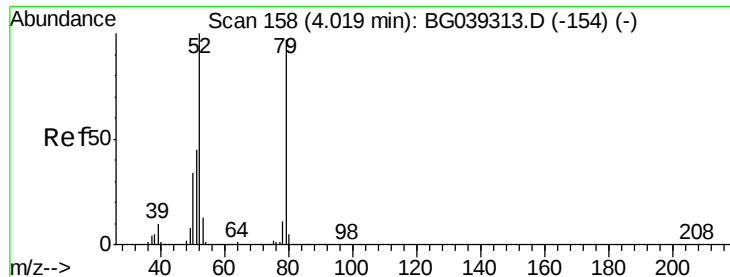


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.702 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

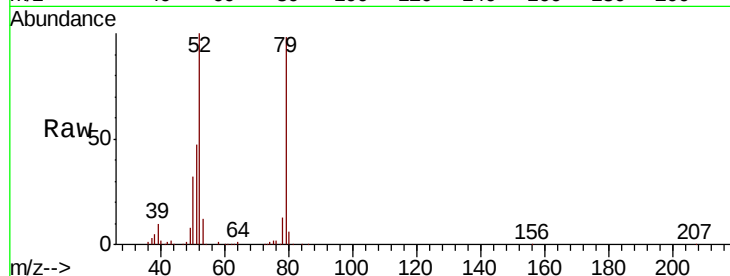
Tot Ion: 79 Resp: 167319

Ion Ratio Lower Upper

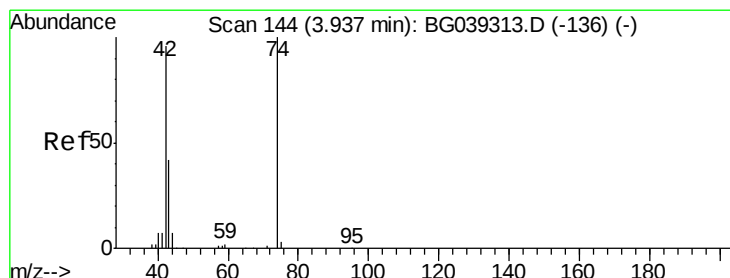
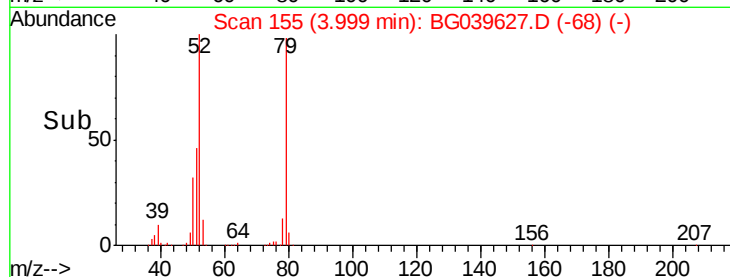
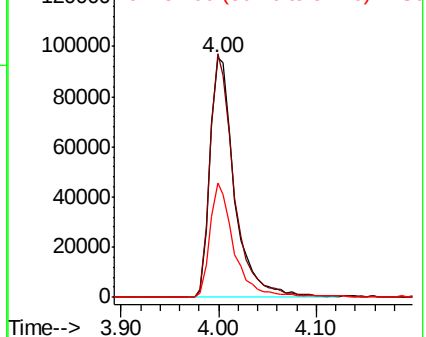
79 100

52 101.7 82.6 124.0

51 47.9 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: 42.334 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

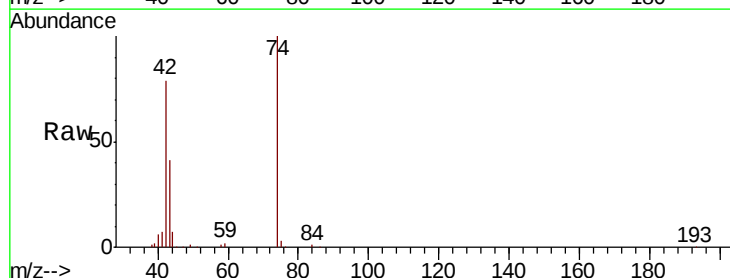
Tgt Ion: 42 Resp: 89225

Ion Ratio Lower Upper

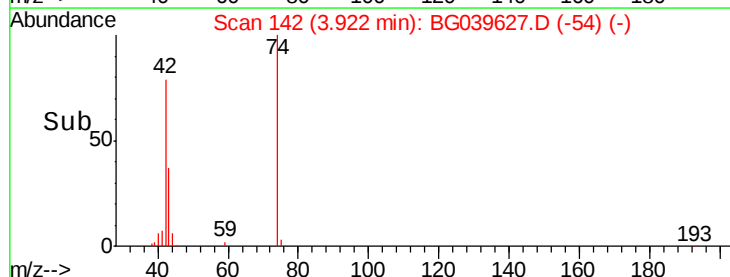
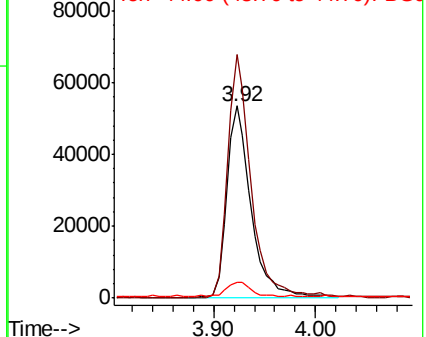
42 100

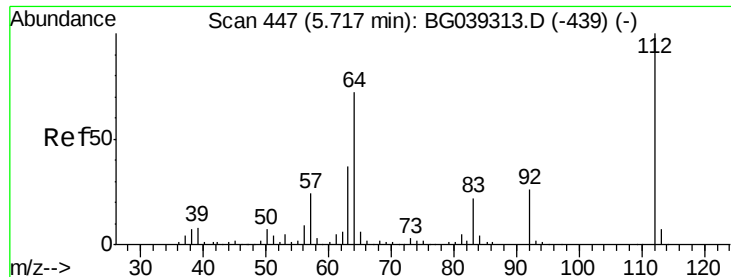
74 126.7 83.6 125.4#

44 8.3 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: 99.176 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampled :

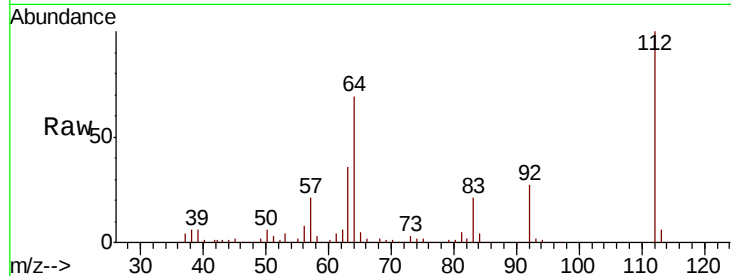
Tot Ion: 112 Resp: 360895

Ion Ratio Lower Upper

112 100

64 68.9 57.8 86.8

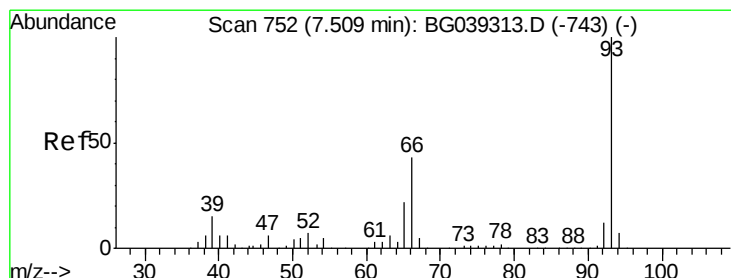
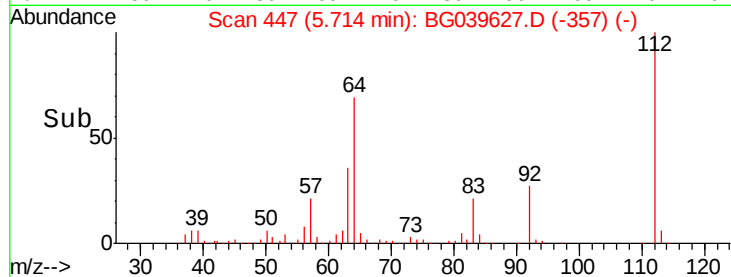
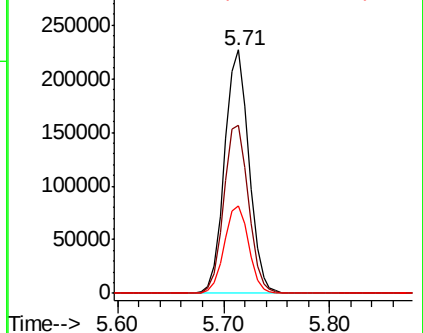
63 35.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.708 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

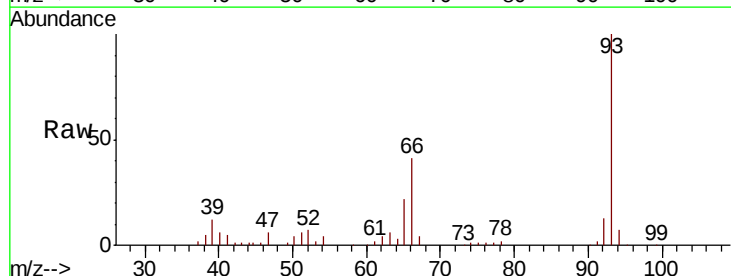
Tgt Ion: 93 Resp: 125516

Ion Ratio Lower Upper

93 100

66 41.3 34.2 51.4

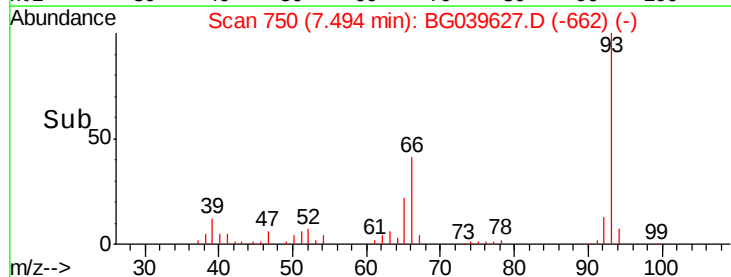
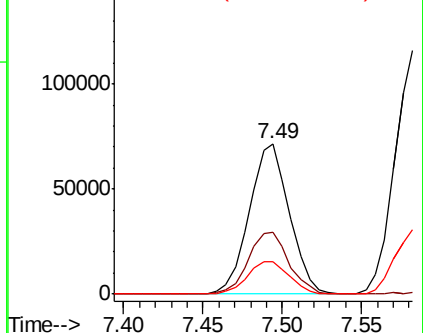
65 21.7 17.7 26.5

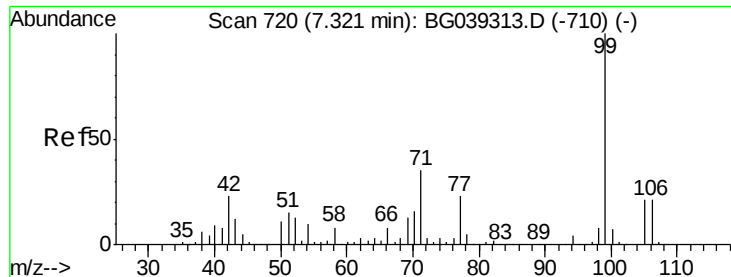


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.735 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

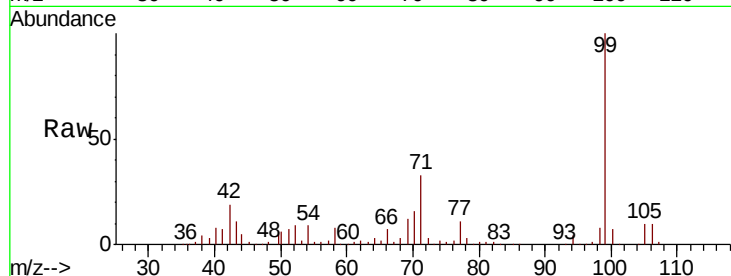
Tot Ion: 99 Resp: 518154

Ion Ratio Lower Upper

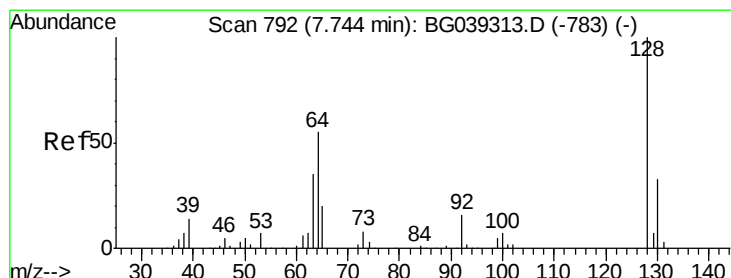
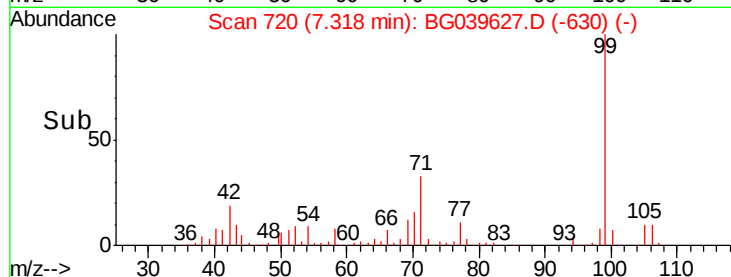
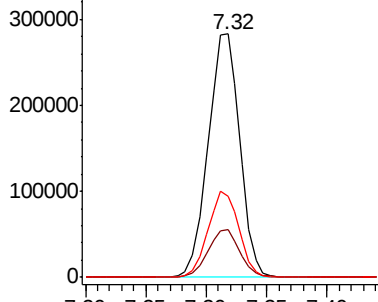
99 100

42 19.5 18.2 27.2

71 33.4 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: 49.598 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

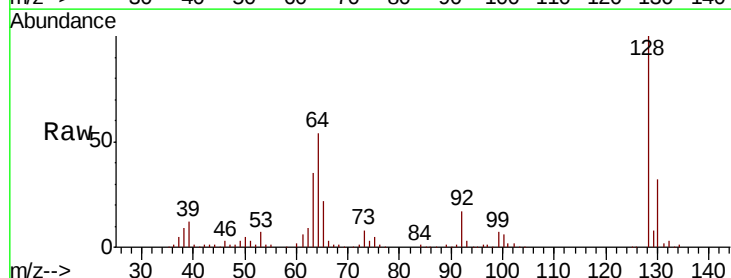
Tgt Ion: 128 Resp: 197288

Ion Ratio Lower Upper

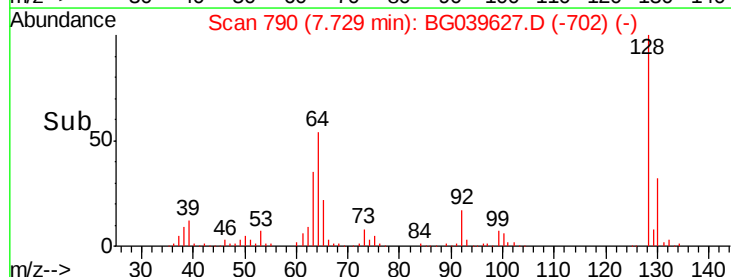
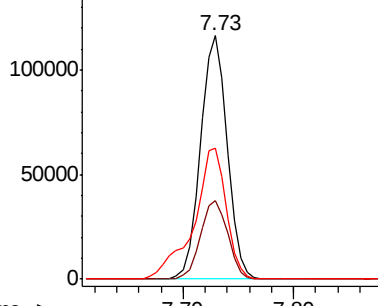
128 100

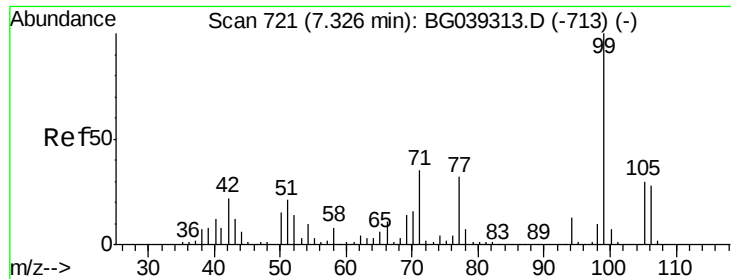
130 32.2 12.9 52.9

64 54.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 31.008 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampled :

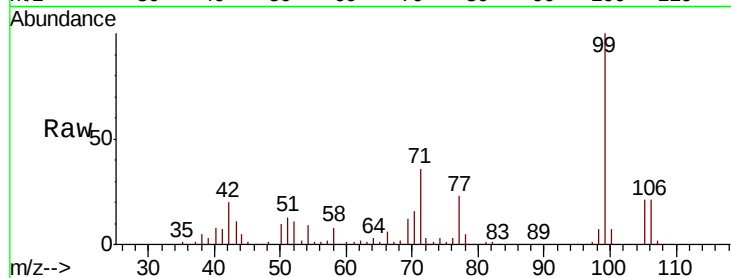
Tot Ion: 77 Resp: 88550

Ion Ratio Lower Upper

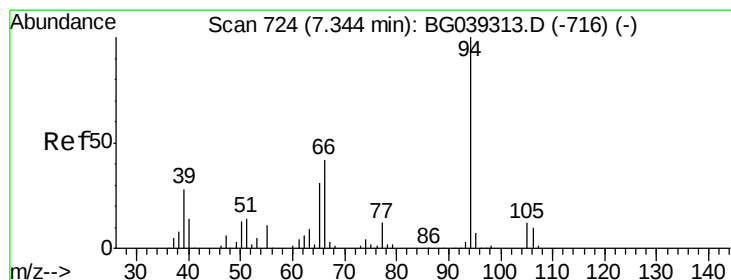
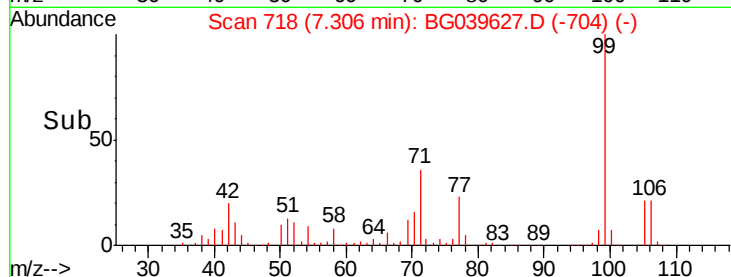
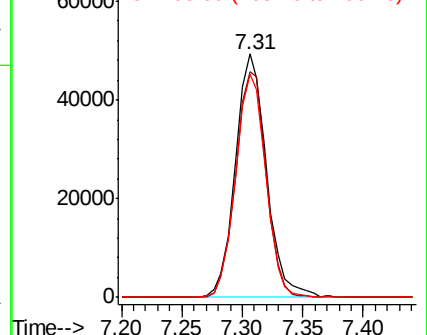
77 100

105 92.7 74.5 114.5

106 91.8 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: 48.054 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

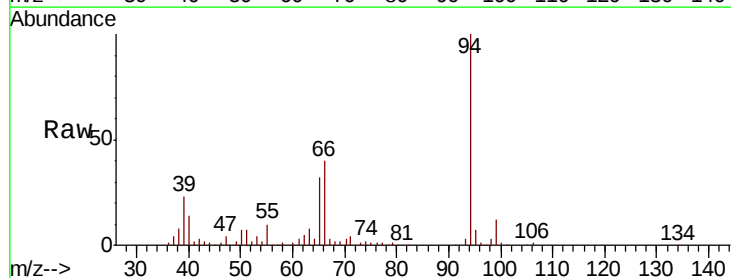
Tgt Ion: 94 Resp: 268320

Ion Ratio Lower Upper

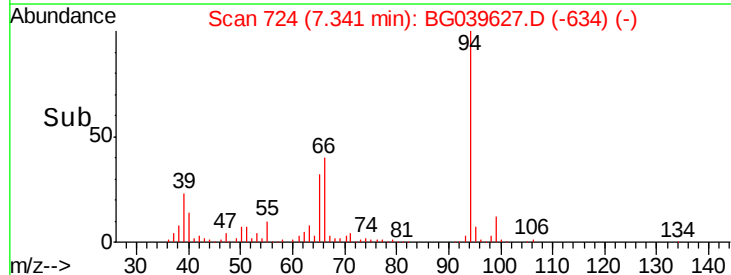
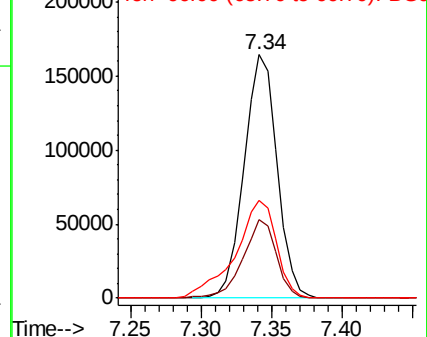
94 100

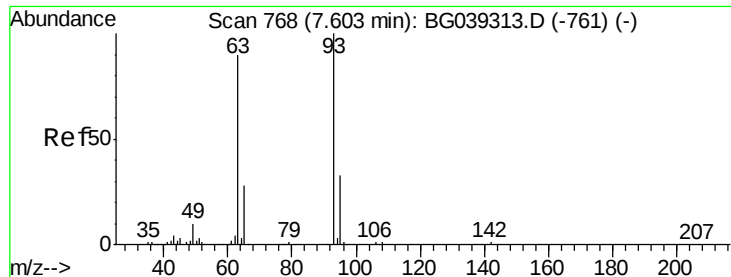
65 32.0 11.7 51.7

66 40.1 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

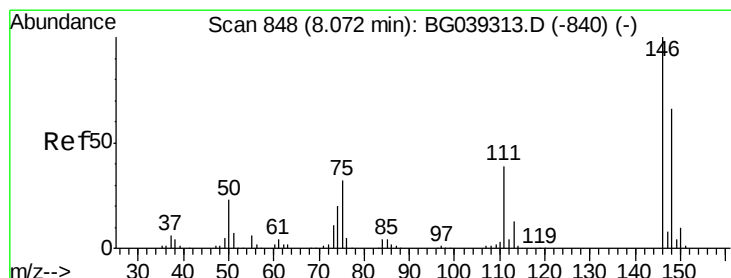
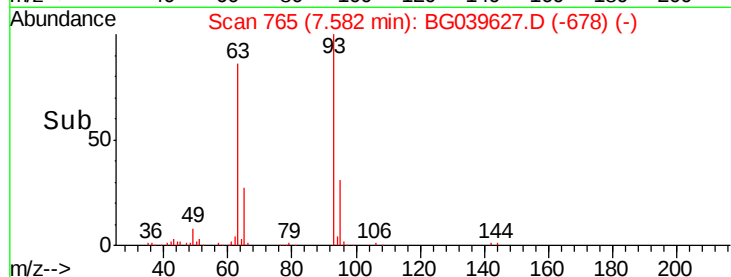
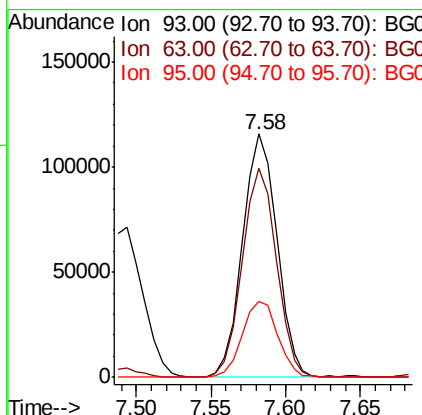
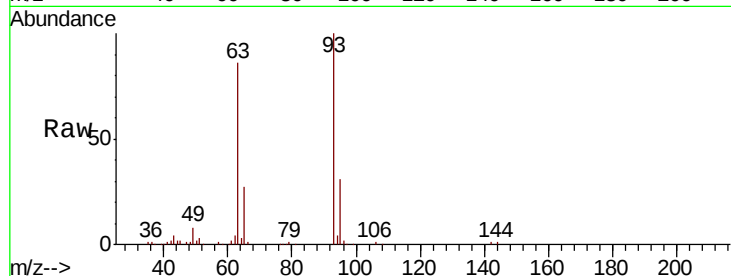




#11
 bis(2-Chloroethyl)ether
 Concen: 41.787 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

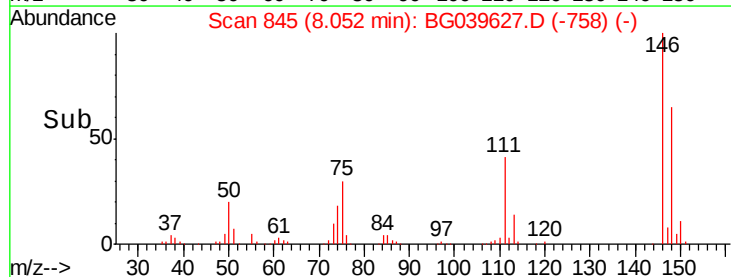
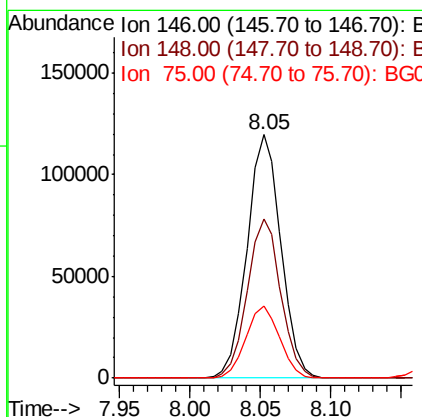
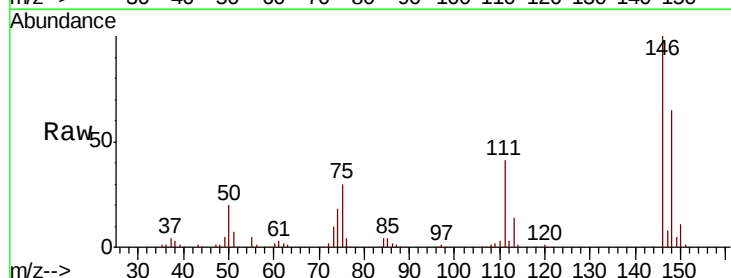
Instrument :
 BNA_G
 ClientSampleId :

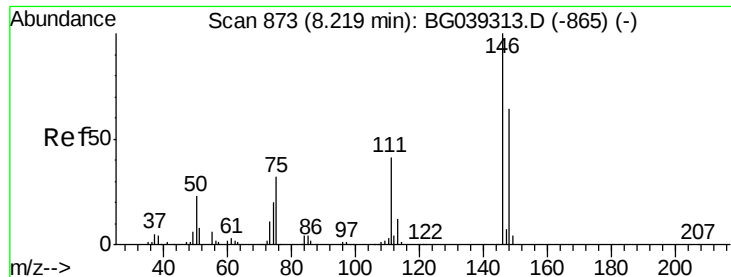
Tot Ion: 93 Resp: 184371
 Ion Ratio Lower Upper
 93 100
 63 85.8 69.5 109.5
 95 31.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 41.653 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion: 146 Resp: 200712
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.6 79.0
 75 29.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.016 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

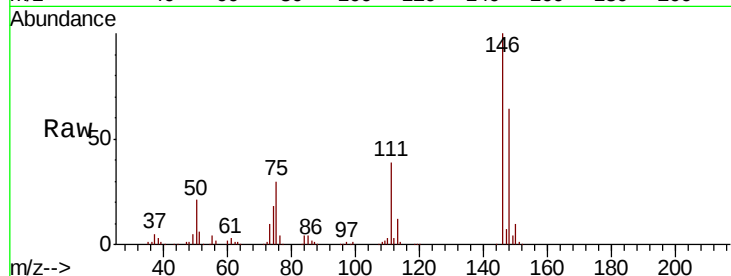
Tot Ion:146 Resp: 206602

Ion Ratio Lower Upper

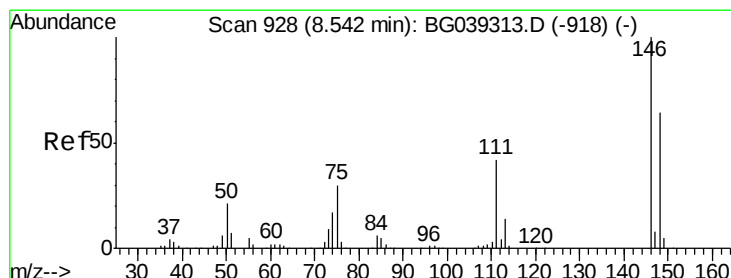
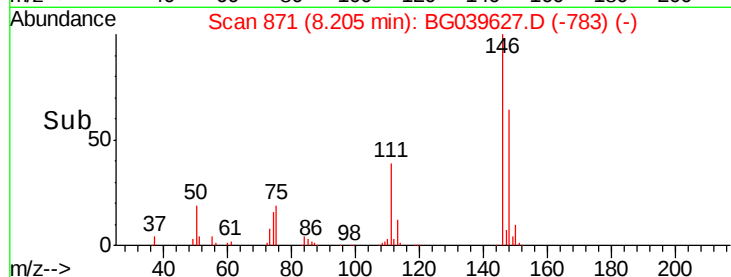
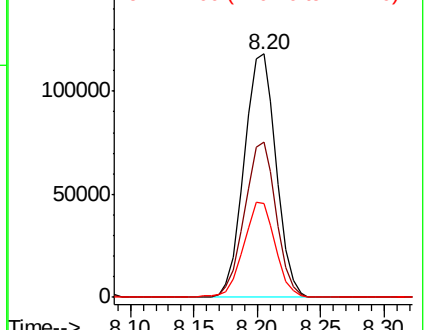
146 100

148 63.8 51.1 76.7

111 38.8 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: 42.252 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

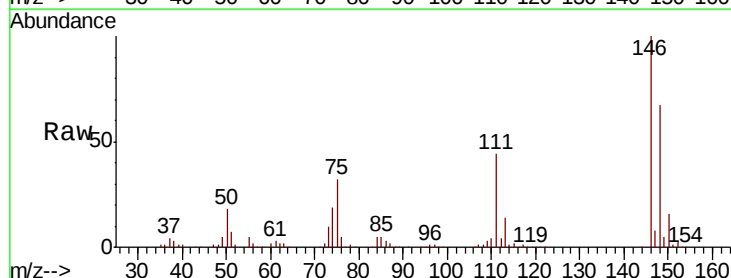
Tgt Ion:146 Resp: 196453

Ion Ratio Lower Upper

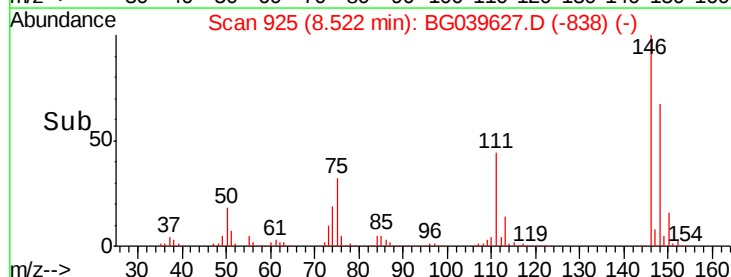
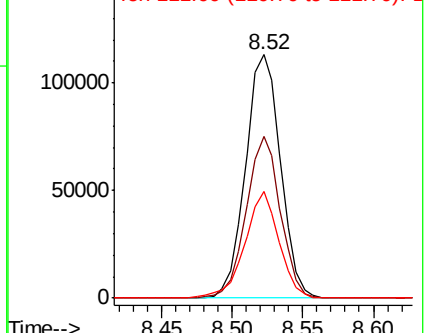
146 100

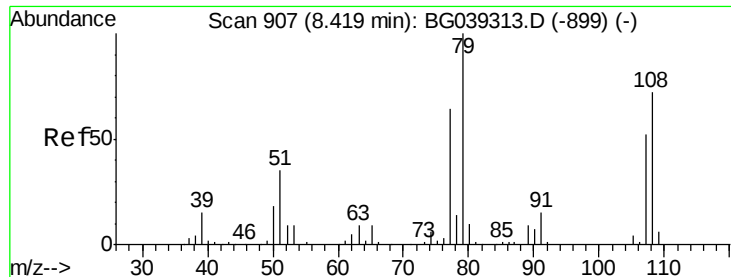
148 66.6 51.5 77.3

111 43.9 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: 43.911 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampled :

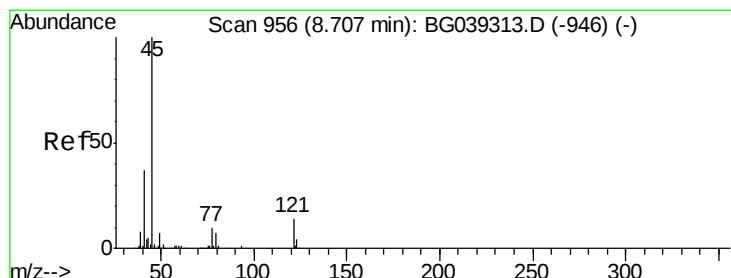
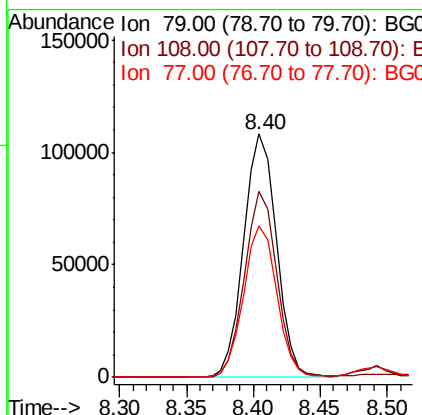
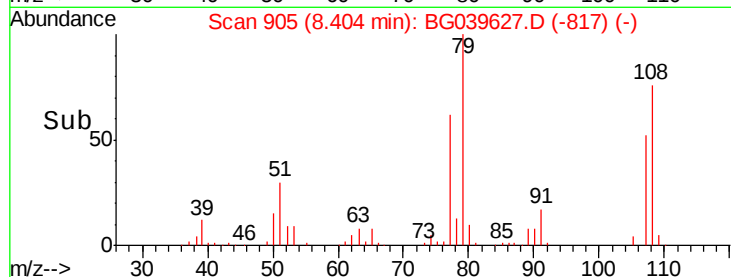
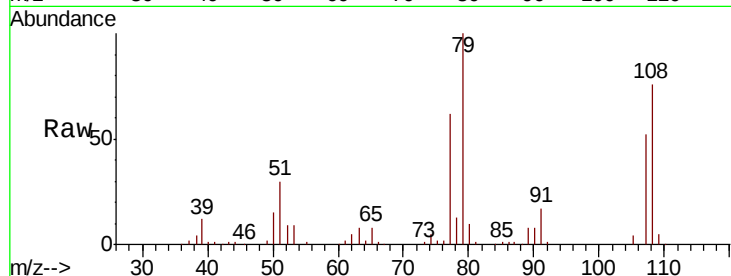
Tot Ion: 79 Resp: 184656

Ion Ratio Lower Upper

79 100

108 76.4 57.8 86.6

77 62.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.358 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

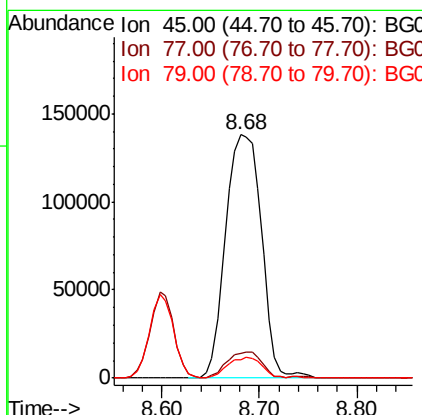
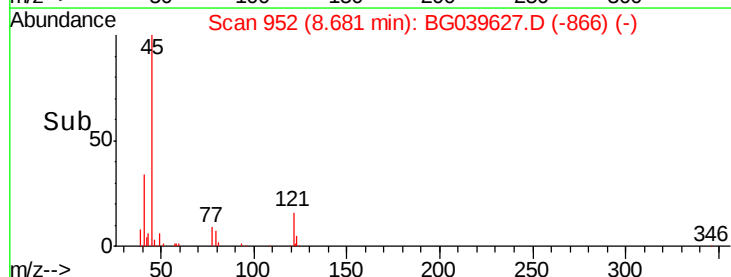
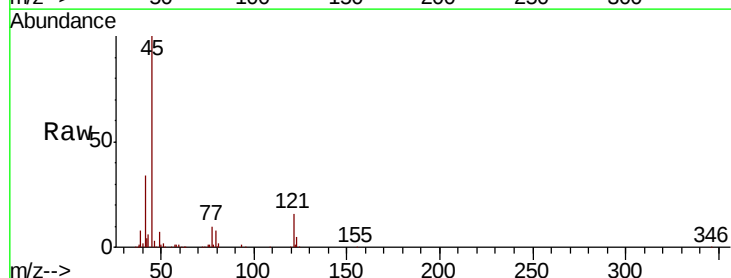
Tgt Ion: 45 Resp: 352300

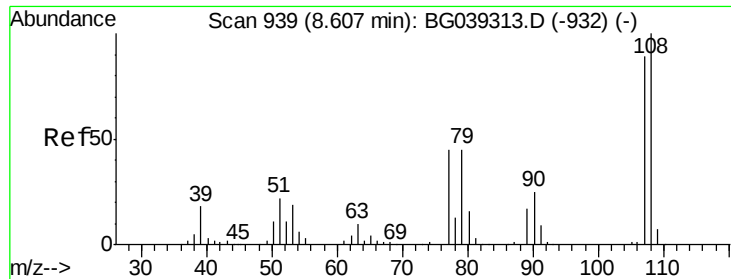
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.8 0.0 27.5

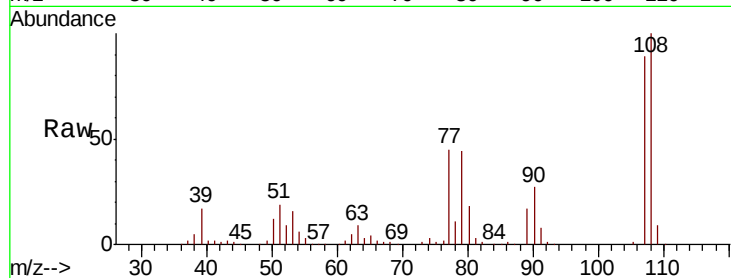




#17
2-Methylphenol
Concen: 47.264 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	170783
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.8	136.2
77	50.9	40.7	61.1
79	49.2	40.6	60.8



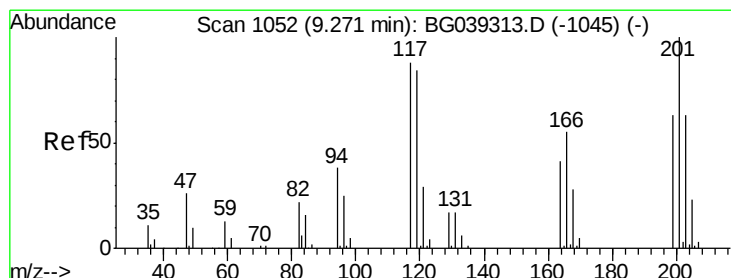
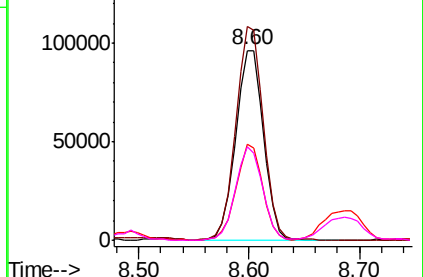
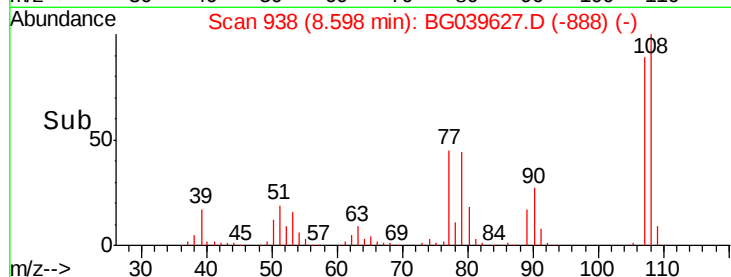
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

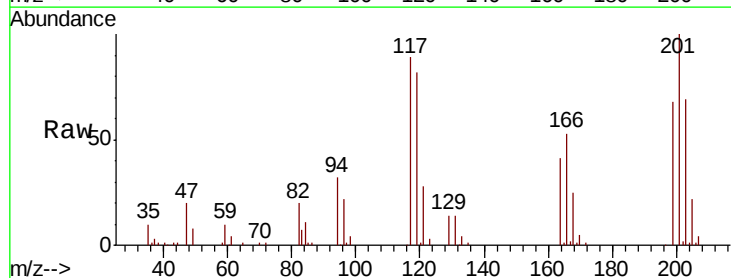
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.002 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:	117	Resp:	72709
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.3	114.5
201	112.4	91.1	136.7

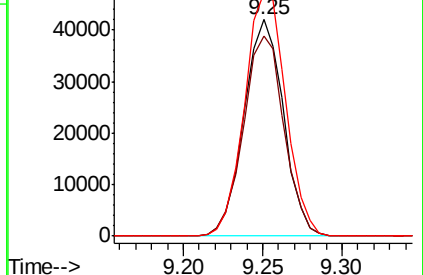
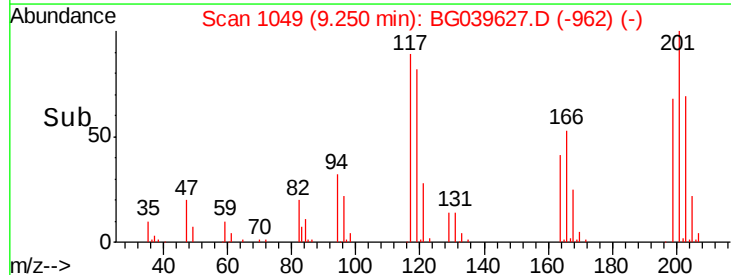


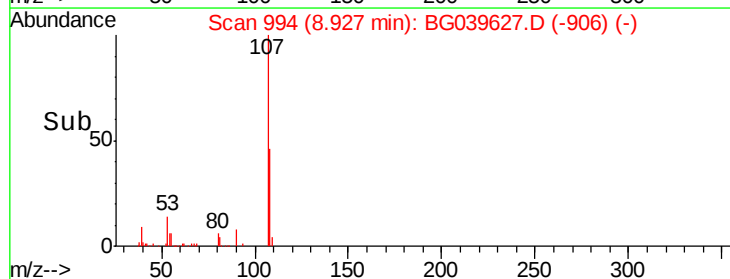
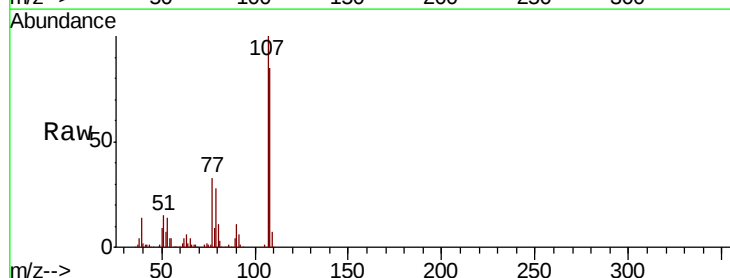
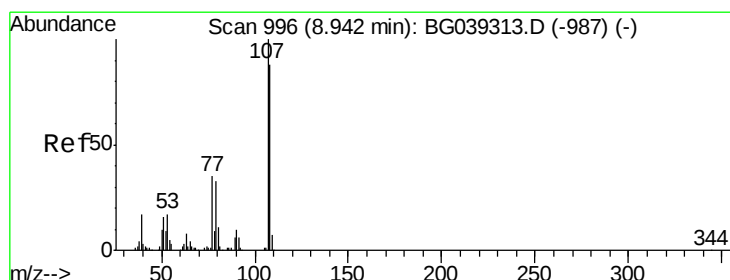
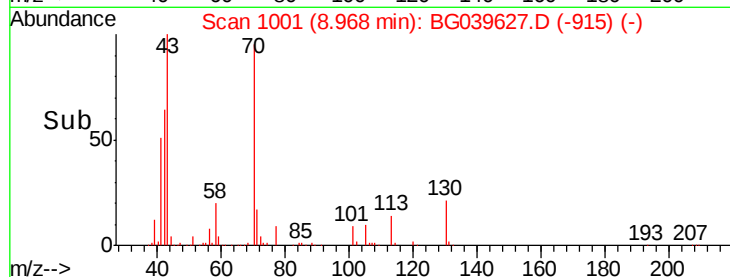
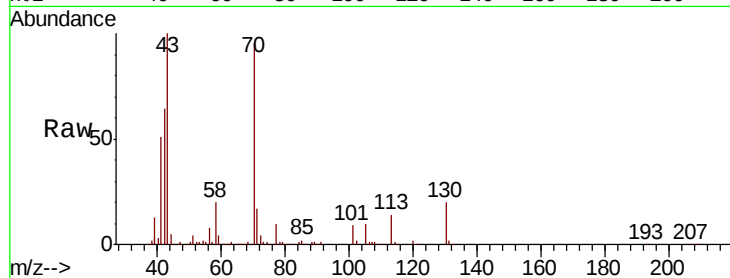
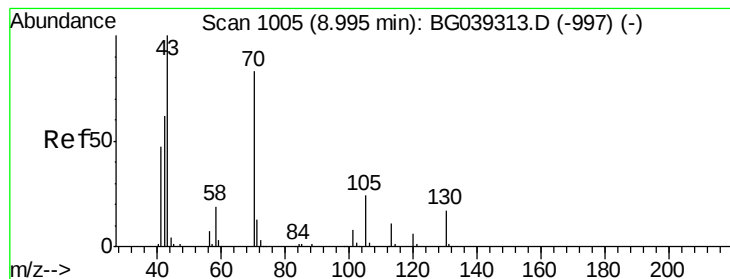
Abundance

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: 40.148 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 152634

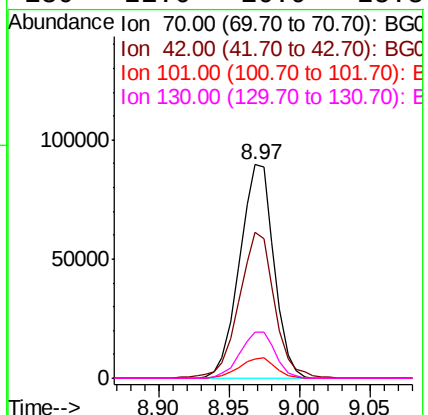
Ion Ratio Lower Upper

70 100

42 68.0 60.4 90.6

101 9.2 7.5 11.3

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 47.560 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:107 Resp: 236648

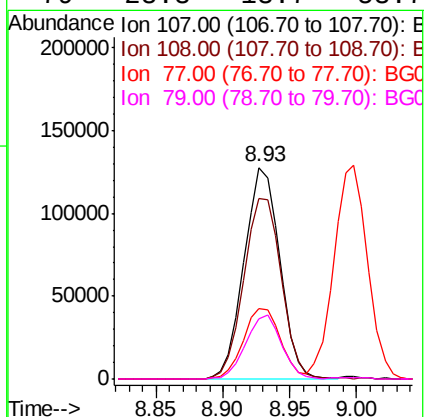
Ion Ratio Lower Upper

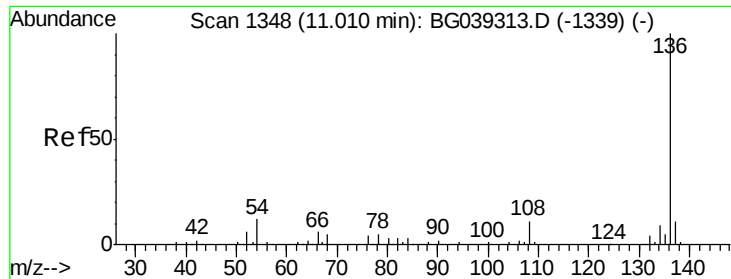
107 100

108 85.1 67.9 107.9

77 33.1 15.4 55.4

79 28.3 13.7 53.7

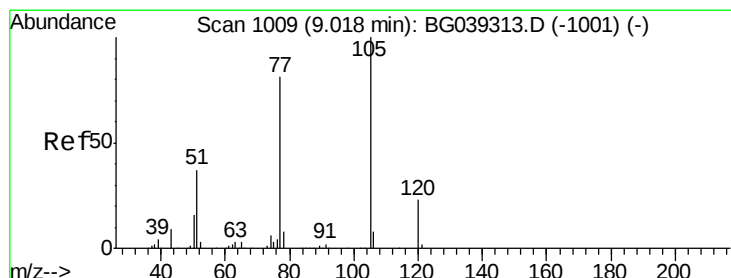
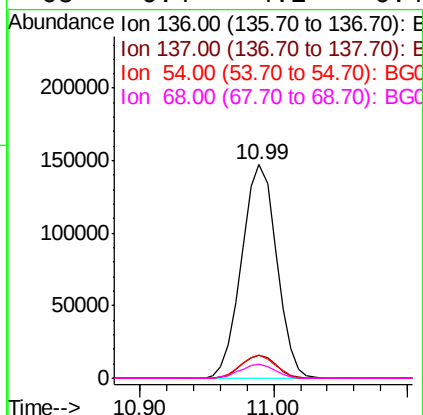
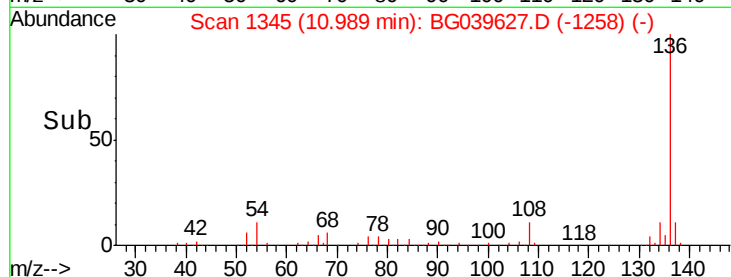
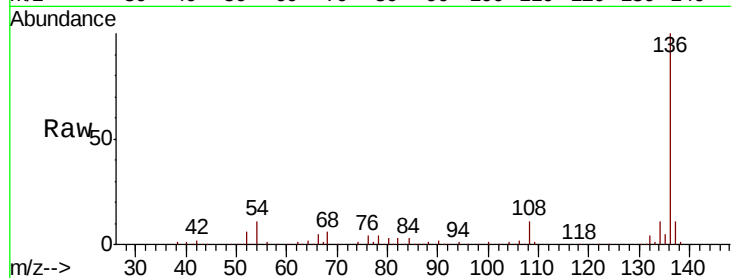




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

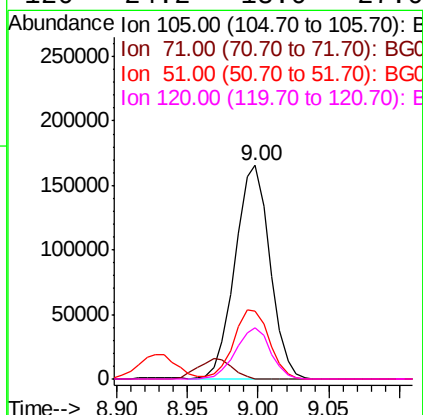
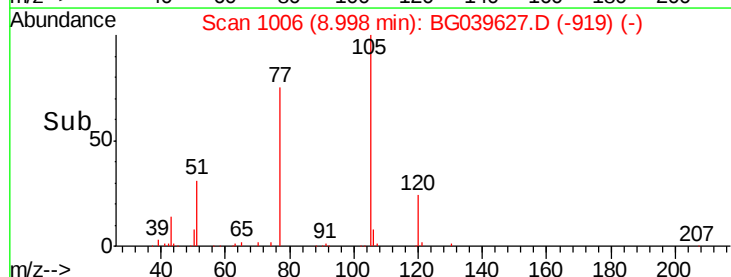
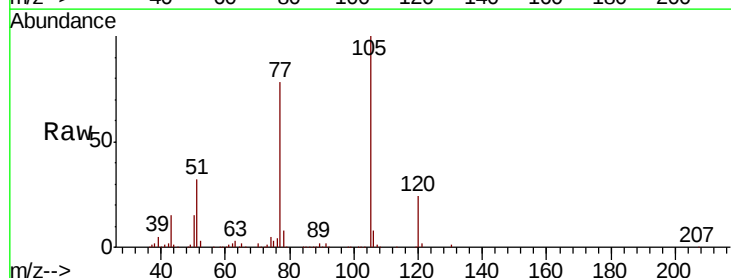
Instrument :
BNA_G
ClientSampleId :

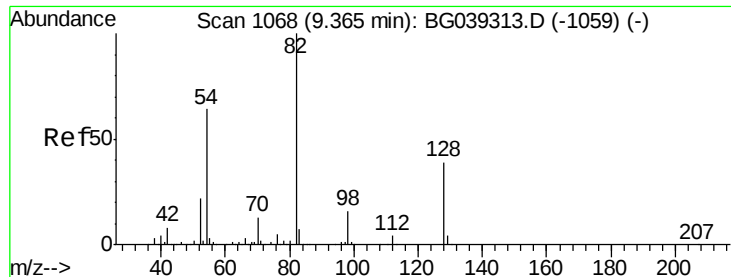
Tot Ion:136	Resp:	267717
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	11.0	9.4 14.2
68	6.4	4.2 6.4



#22
Acetophenone
Concen: 39.916 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:105	Resp:	287048
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	31.8	30.2 45.2
120	24.2	18.0 27.0

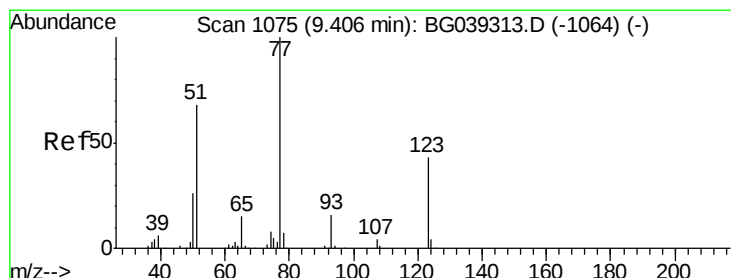
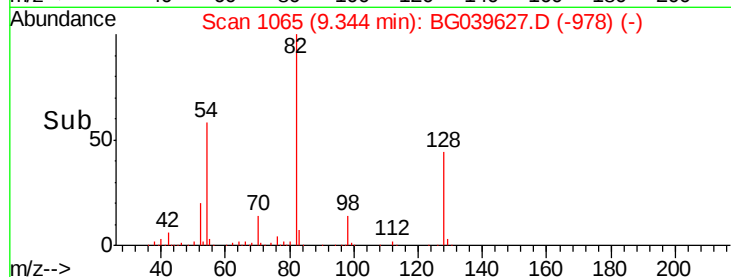
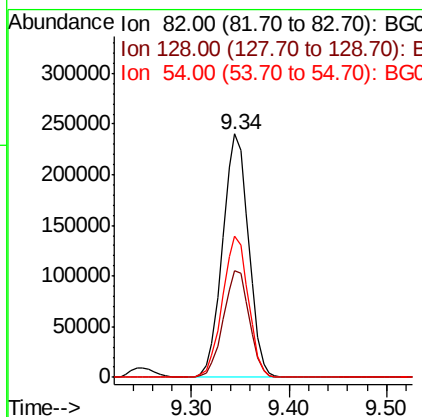
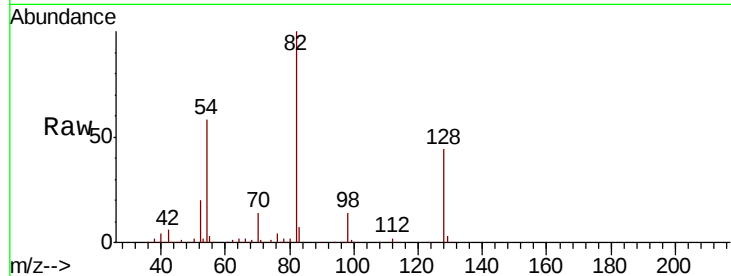




#23
 Nitrobenzene-d5
 Concen: 103.188 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

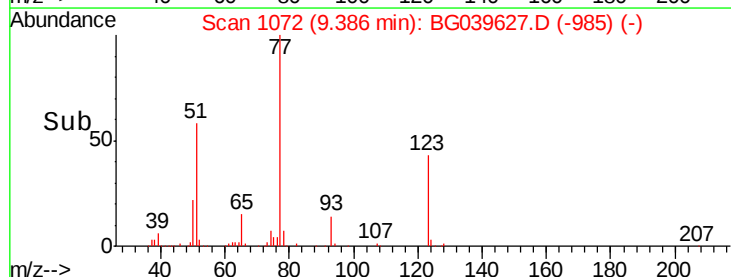
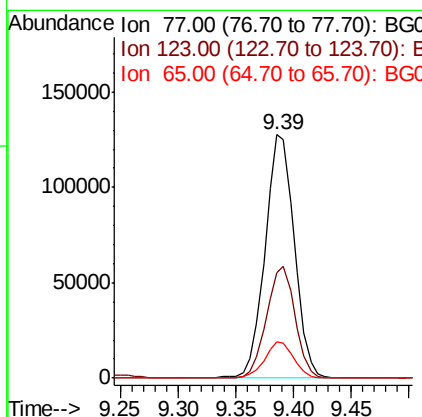
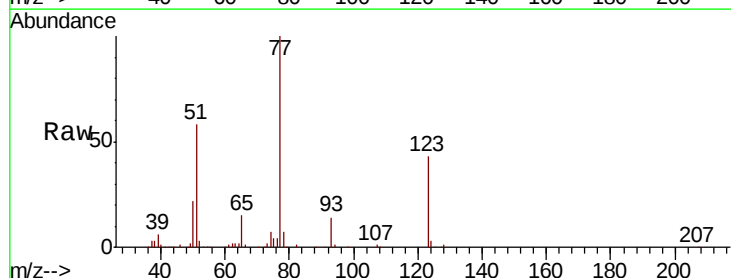
Instrument :
 BNA_G
 ClientSampleId :

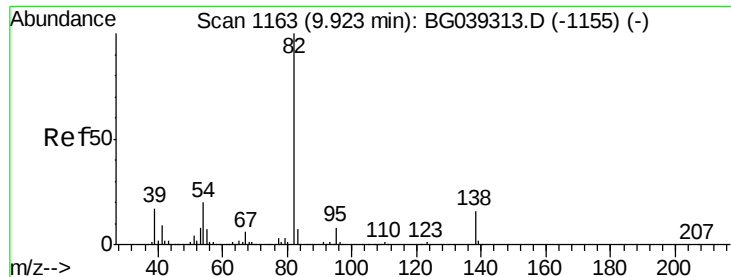
Tot Ion	82	Resp	442204
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.3	46.9
54	57.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 48.709 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion	77	Resp	225506
Ion Ratio	Lower	Upper	
77	100		
123	43.4	34.1	51.1
65	14.9	12.3	18.5

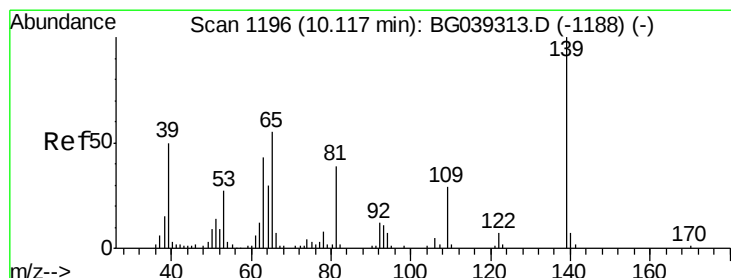
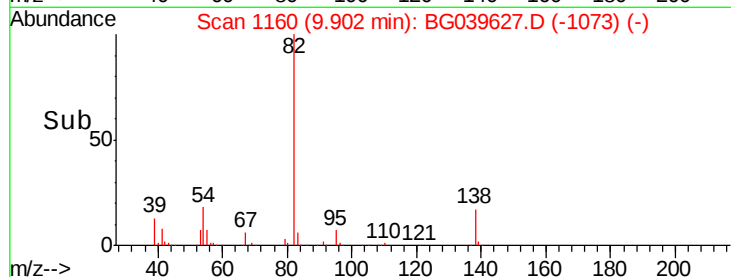
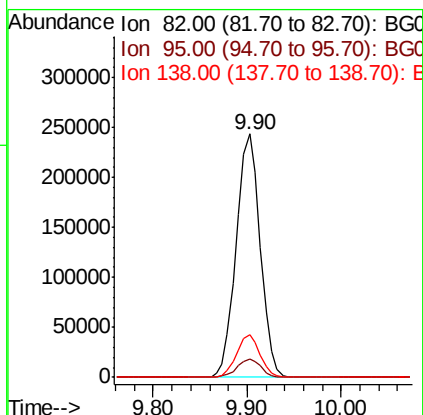
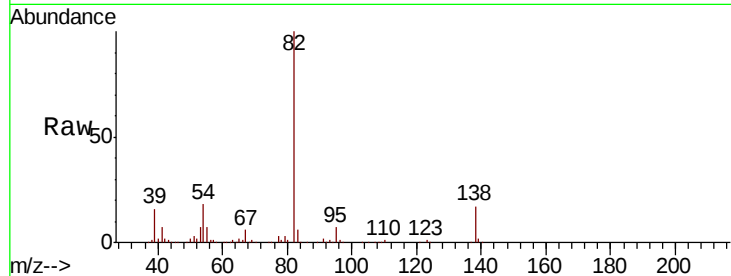




#25
Isophorone
Concen: 45.431 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

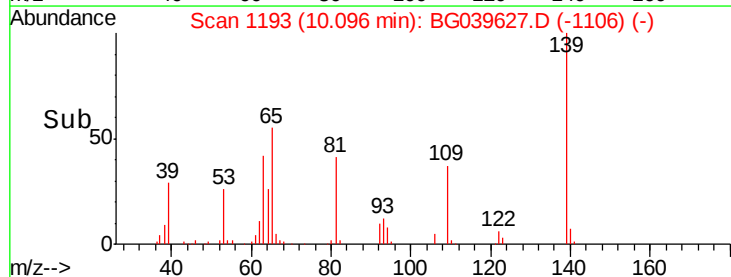
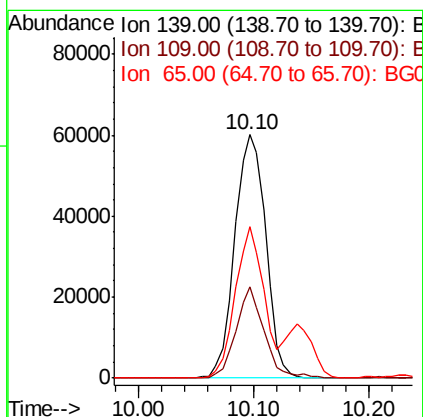
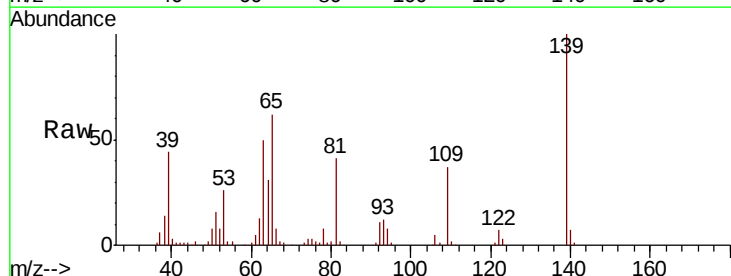
Instrument :
BNA_G
ClientSampleId :

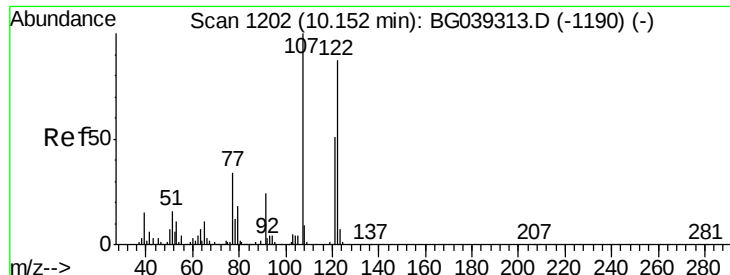
Tot Ion: 82 Resp: 431434
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.3 13.0 19.4



#26
2-Nitrophenol
Concen: 57.612 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion: 139 Resp: 111316
Ion Ratio Lower Upper
139 100
109 37.4 23.4 35.0#
65 62.1 44.3 66.5

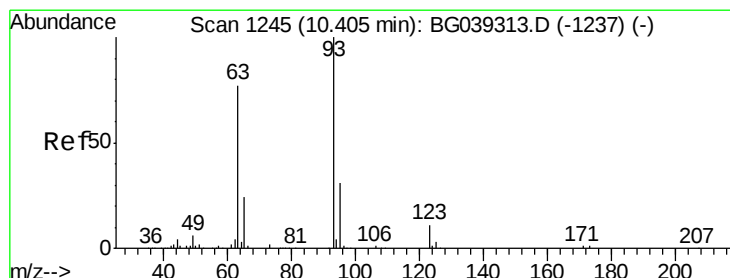
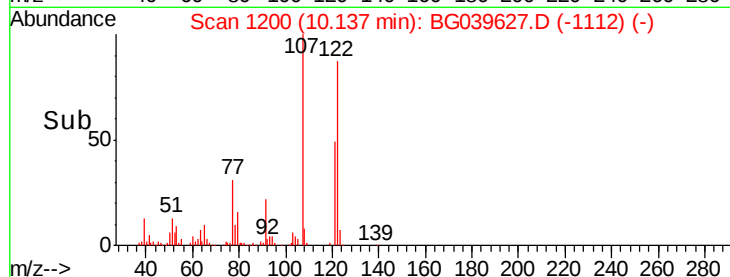
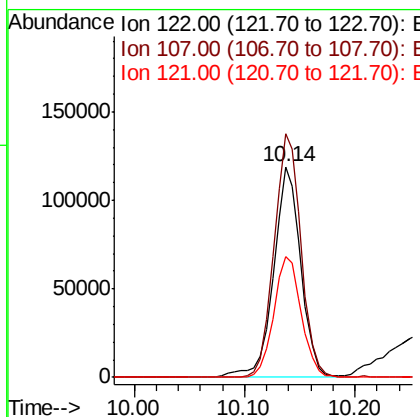
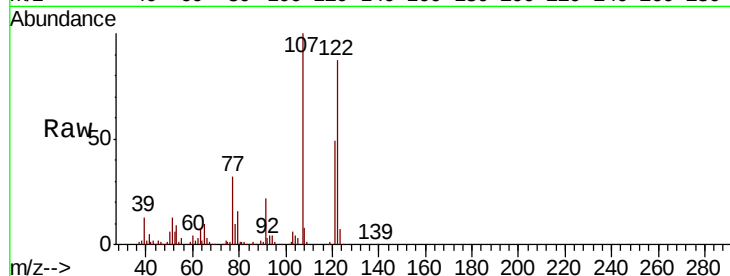




#27
2,4-Dimethylphenol
Concen: 52.912 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

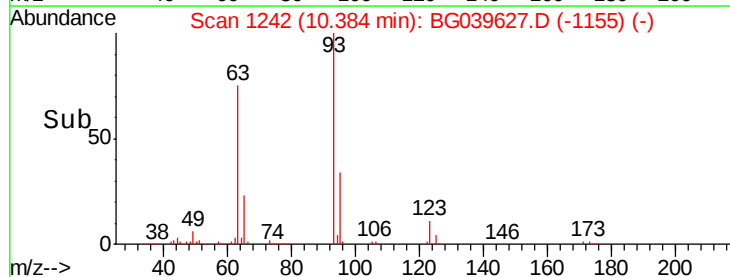
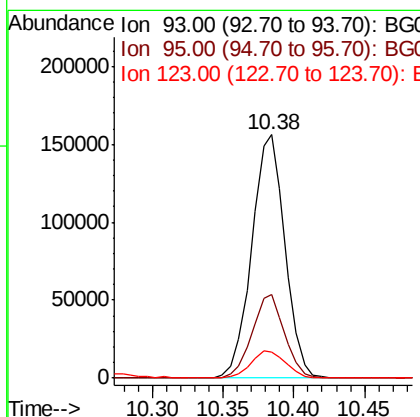
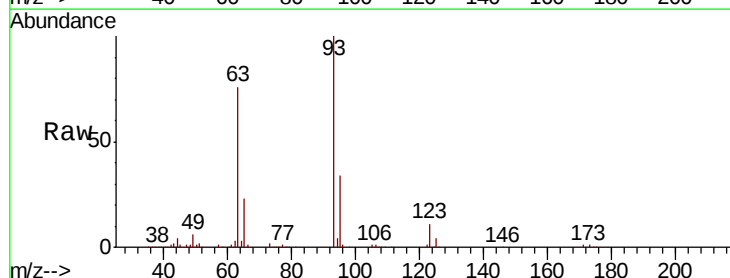
Instrument :
BNA_G
ClientSampleId :

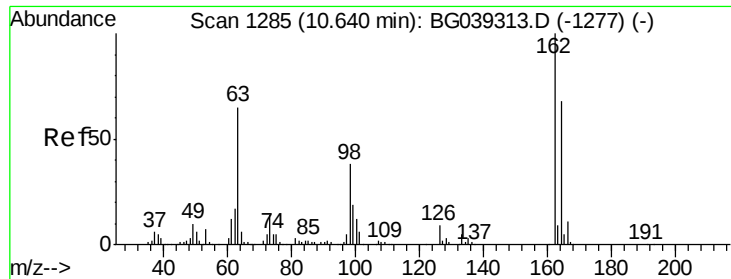
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.7	137.5
121	56.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.970 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.0	37.4
123	10.9	8.6	12.8

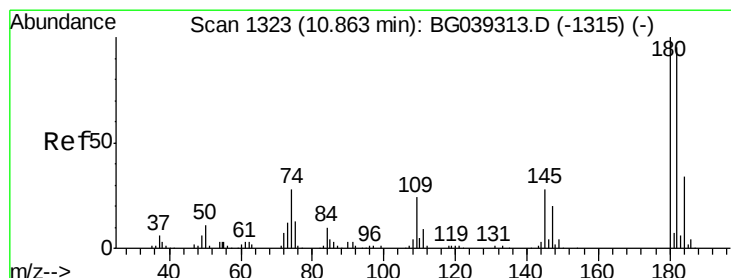
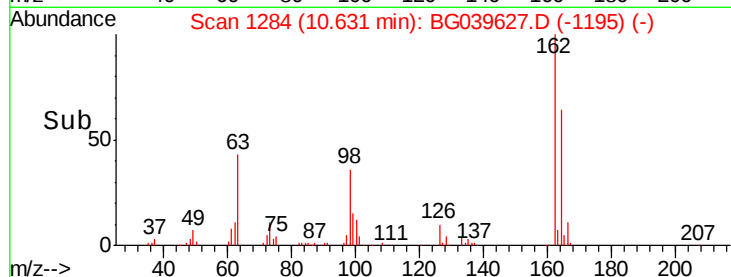
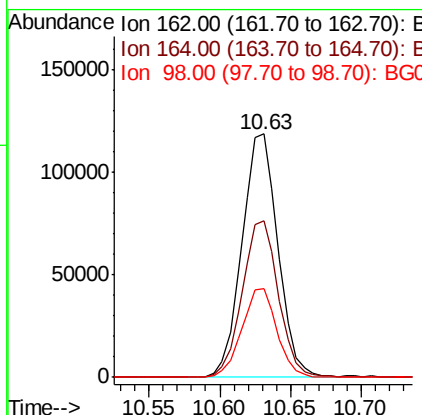
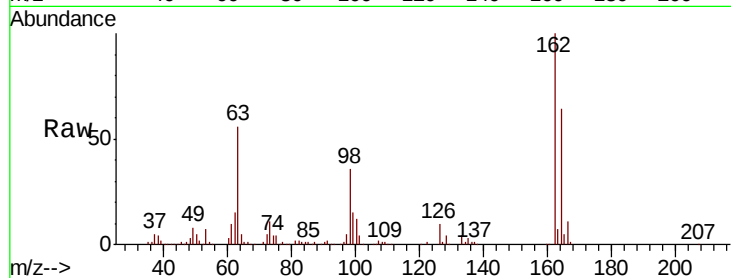




#29
2,4-Dichlorophenol
Concen: 50.416 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

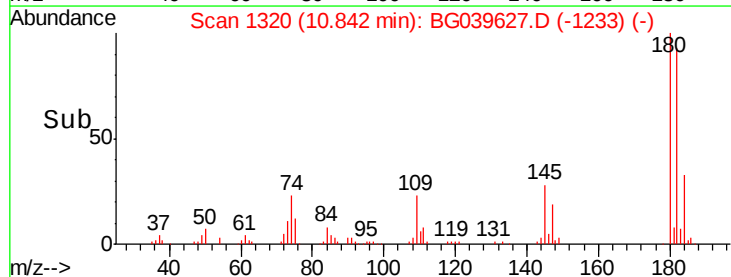
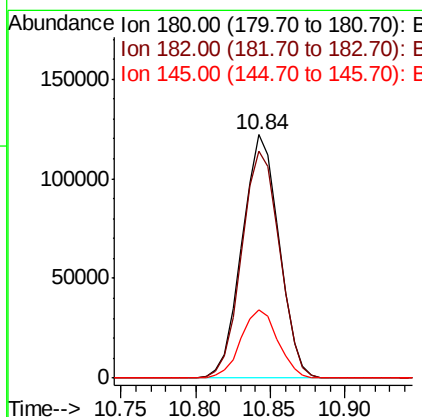
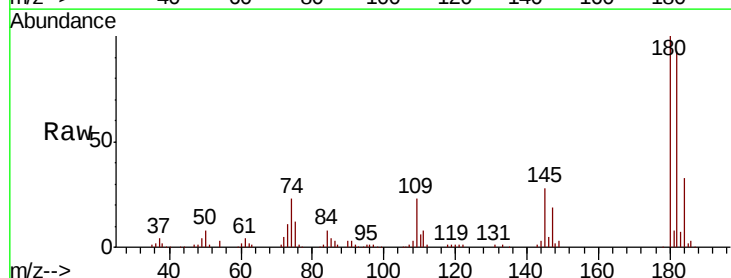
Instrument :
BNA_G
ClientSampleId :

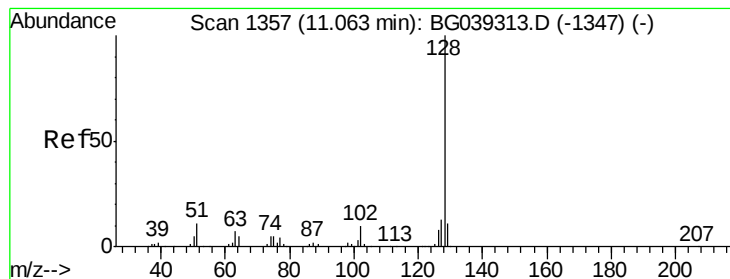
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.1	88.1
98	36.2	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 44.332 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	28.3	22.7	34.1

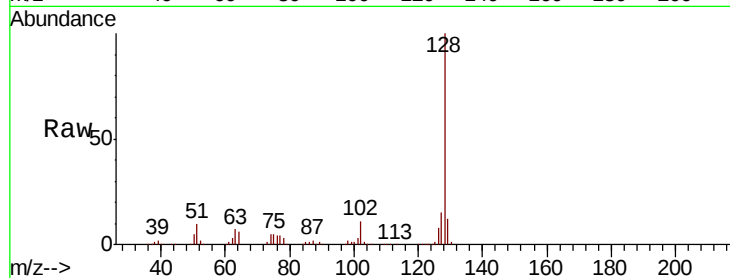




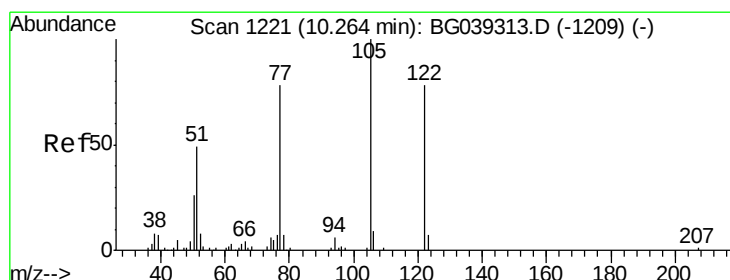
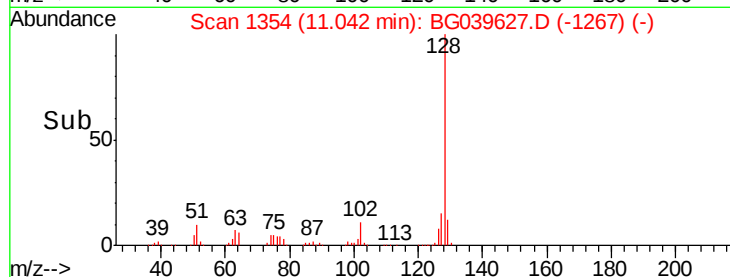
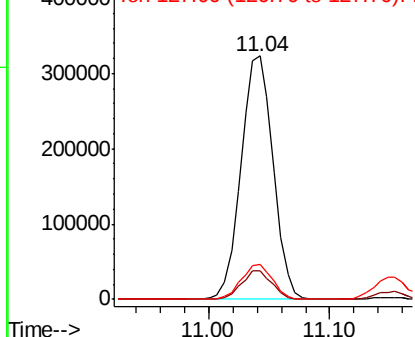
#31
Naphthalene
Concen: 45.036 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 598141
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 14.6 10.8 16.2

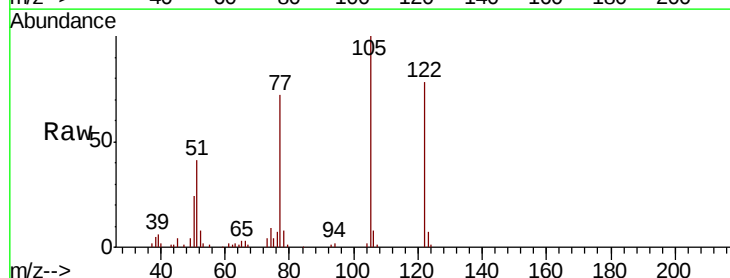


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

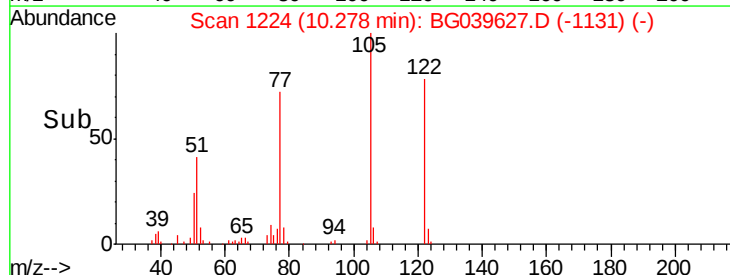
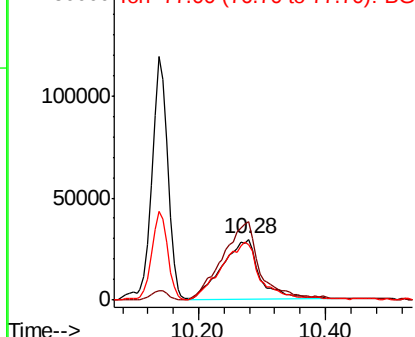


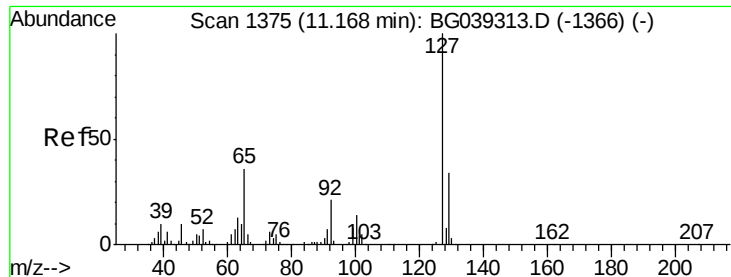
#32
Benzoic acid
Concen: 47.449 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:122 Resp: 119040
Ion Ratio Lower Upper
122 100
105 128.4 101.8 141.8
77 92.1 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

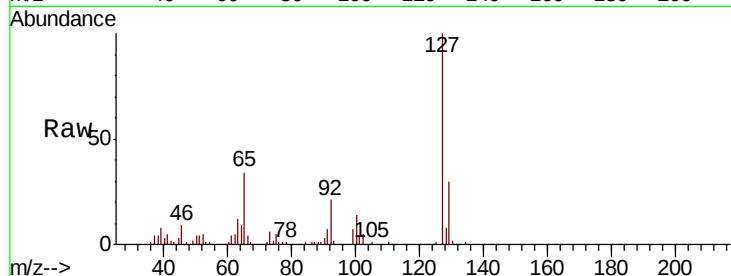




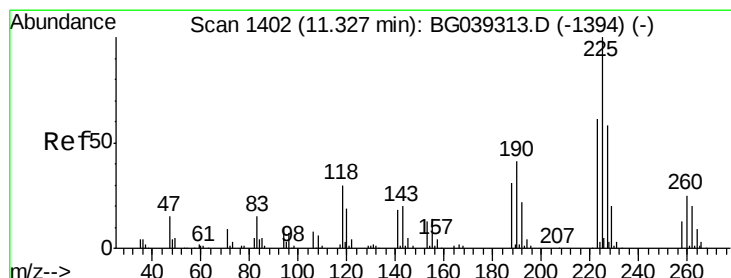
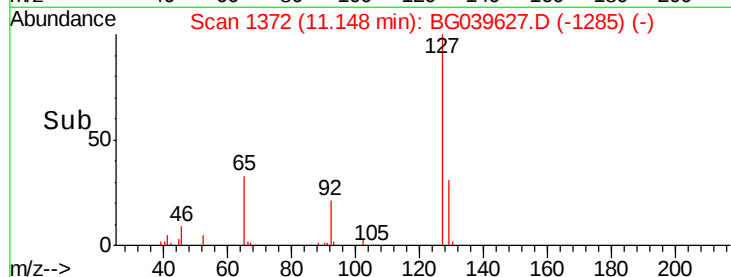
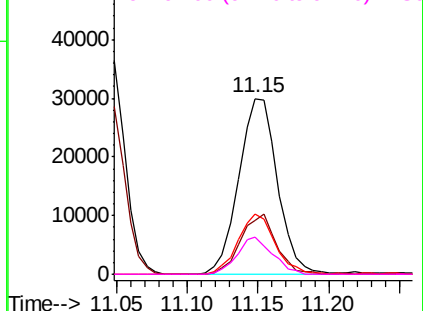
#33
4-Chloroaniline
Concen: 9.337 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	57496
Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.0	40.4
65	34.0	28.8	43.2
92	21.3	16.6	25.0

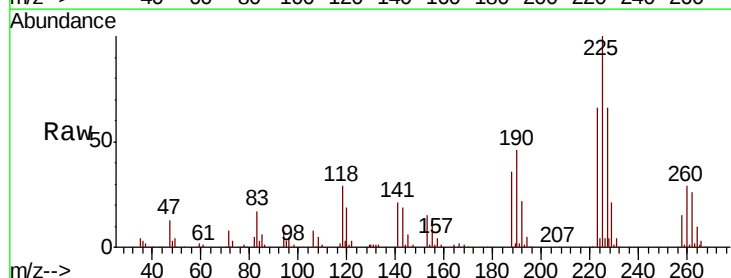


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

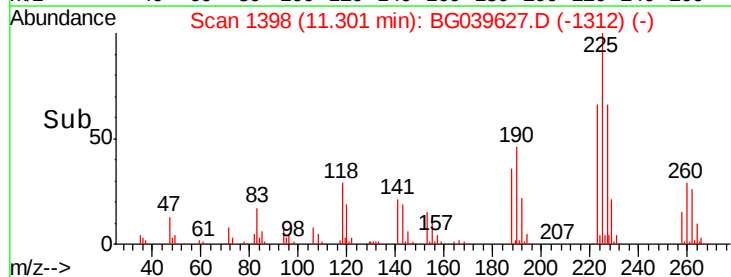
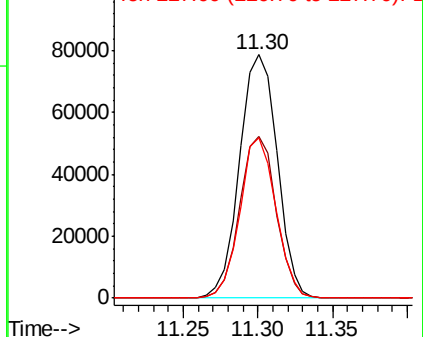


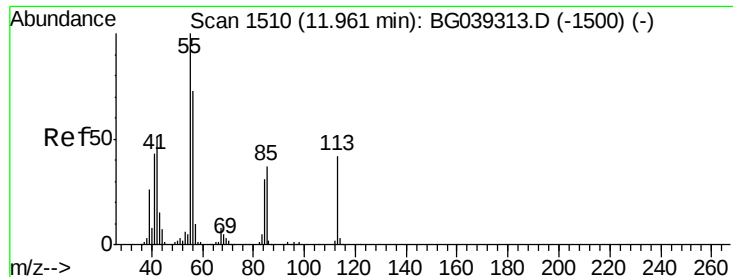
#34
Hexachlorobutadiene
Concen: 43.955 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:	225	Resp:	137789
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.0	73.6
227	66.0	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: 30.059 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampled :

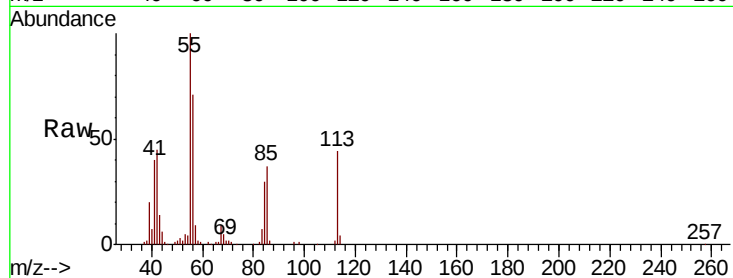
Tot Ion:113 Resp: 52225

Ion Ratio Lower Upper

113 100

55 228.4 216.9 256.9

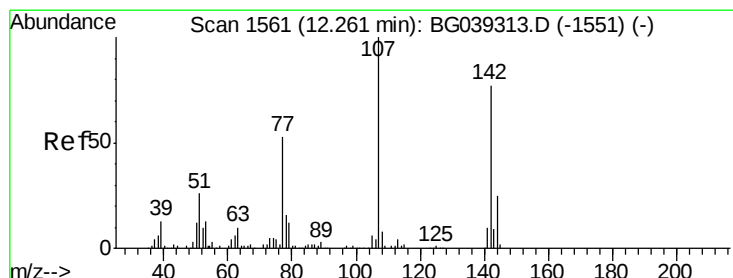
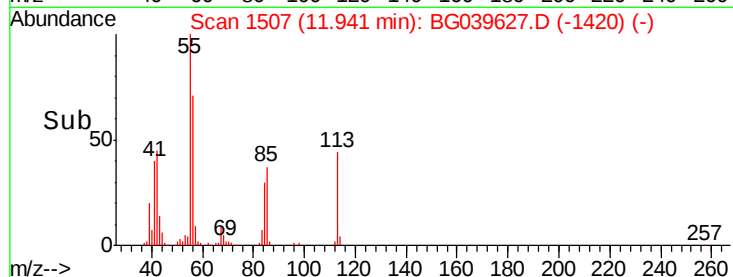
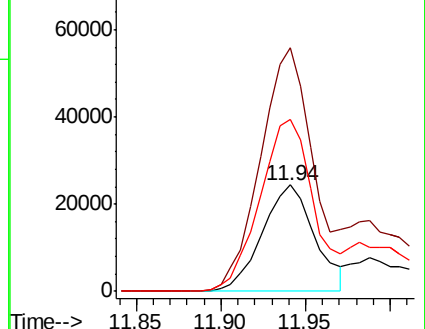
56 161.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.732 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

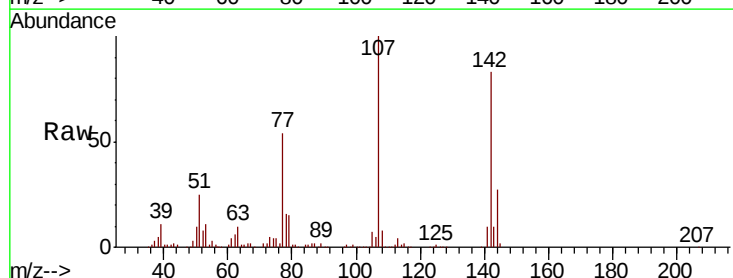
Tgt Ion:107 Resp: 226911

Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

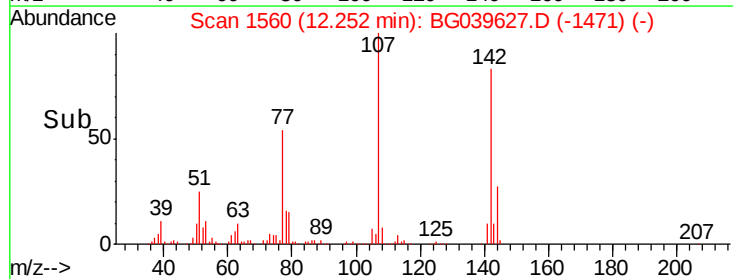
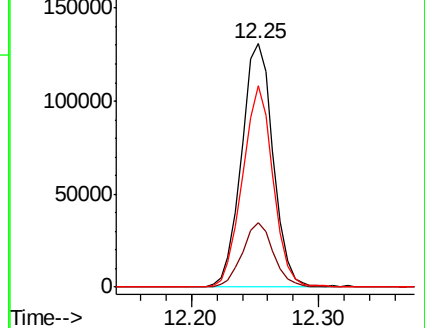
142 82.7 61.4 92.2

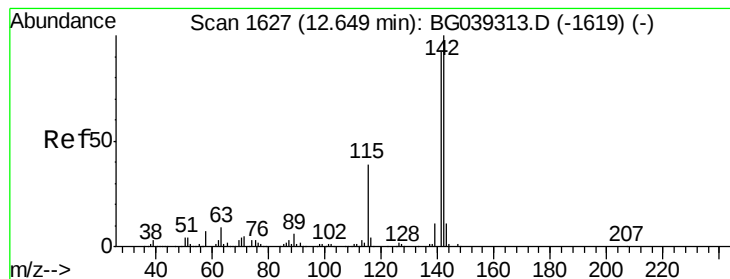


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.037 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

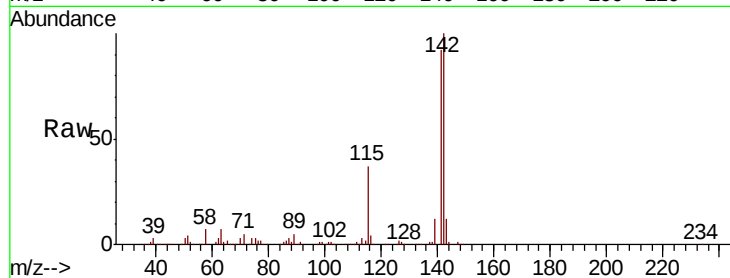
Tot Ion:142 Resp: 452855

Ion Ratio Lower Upper

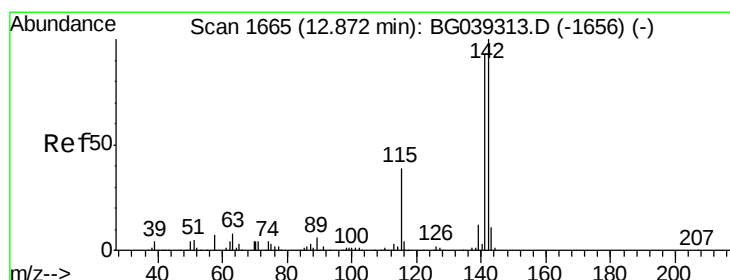
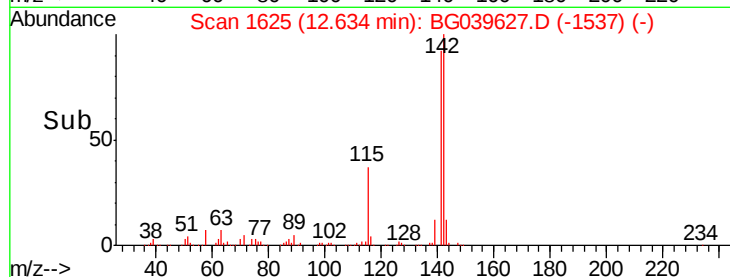
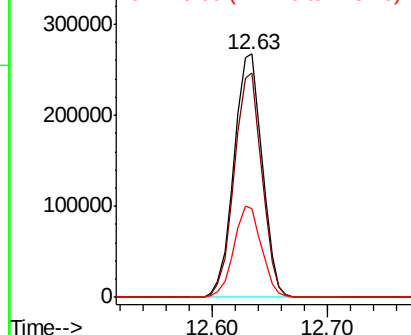
142 100

141 92.4 73.5 110.3

115 36.7 30.8 46.2



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



#38

1-Methylnaphthalene

Concen: 45.850 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

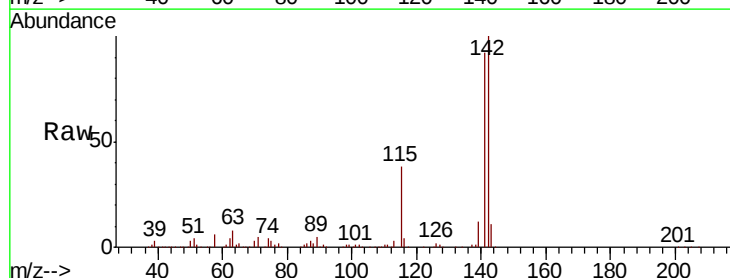
Tgt Ion:142 Resp: 434759

Ion Ratio Lower Upper

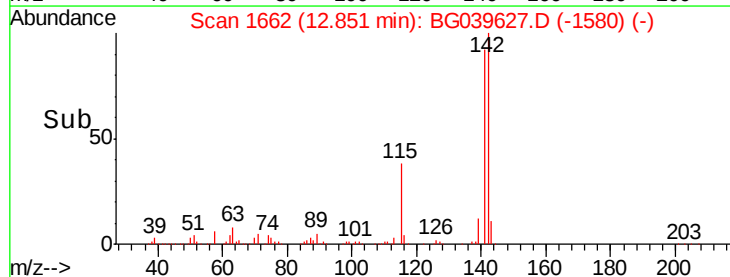
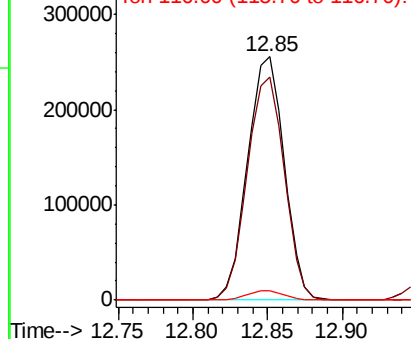
142 100

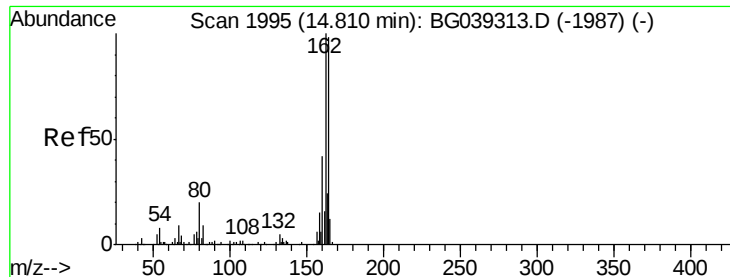
141 91.6 74.2 111.4

116 3.9 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: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

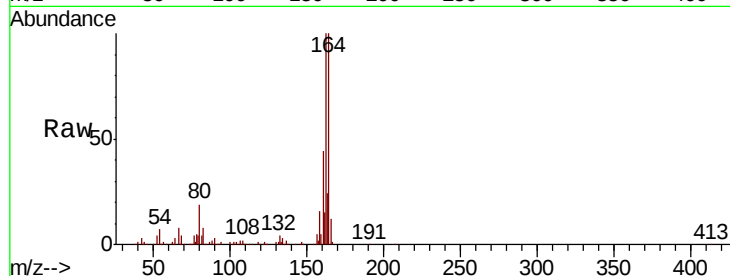
Tot Ion:164 Resp: 179132

Ion Ratio Lower Upper

164 100

162 99.8 81.6 122.4

160 44.1 34.2 51.2

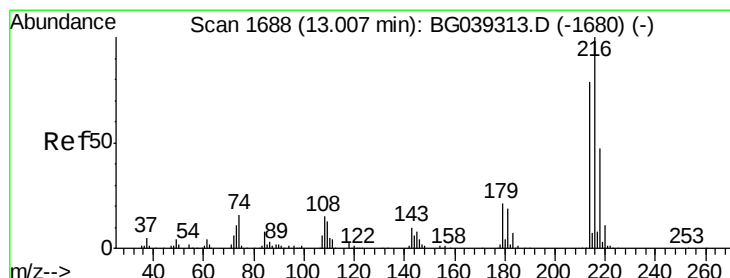
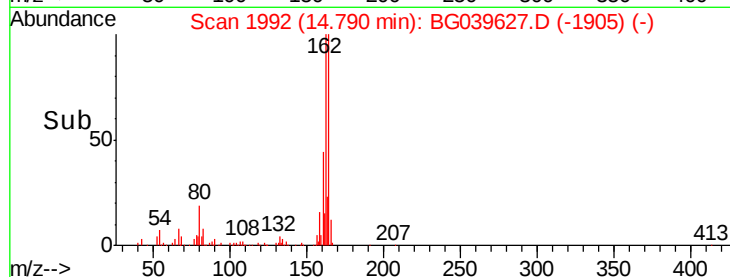
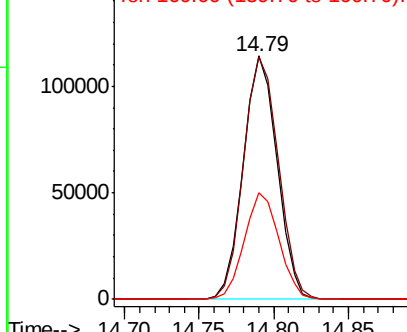


Abundance

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: 44.641 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:216 Resp: 254429

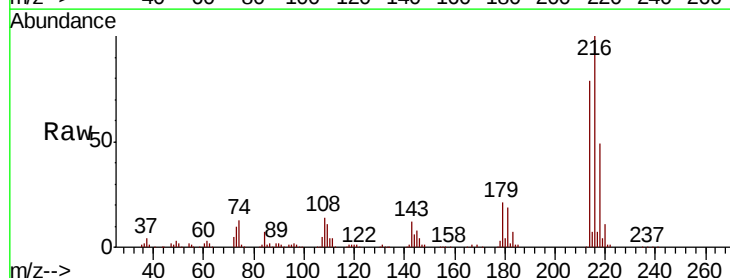
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.7 16.6 25.0

108 18.2 14.0 21.0



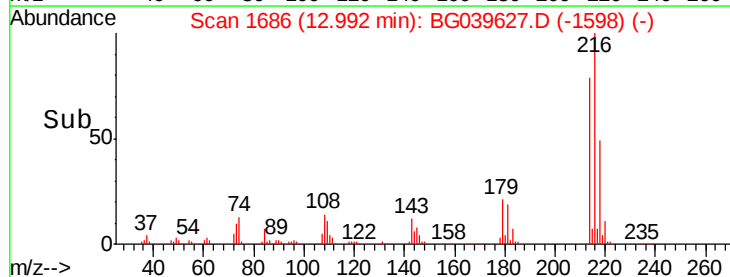
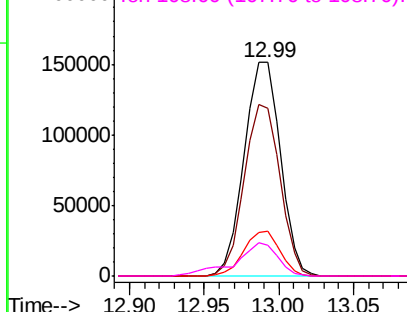
Abundance

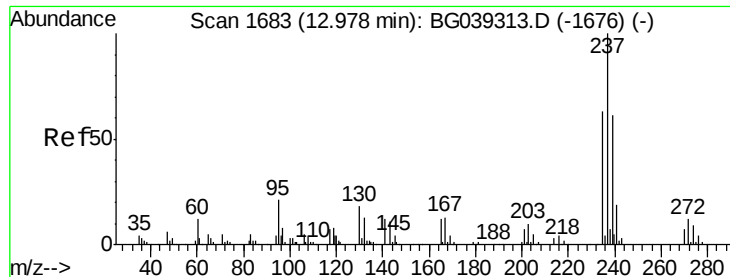
Ion 216.00 (215.70 to 216.70): E

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

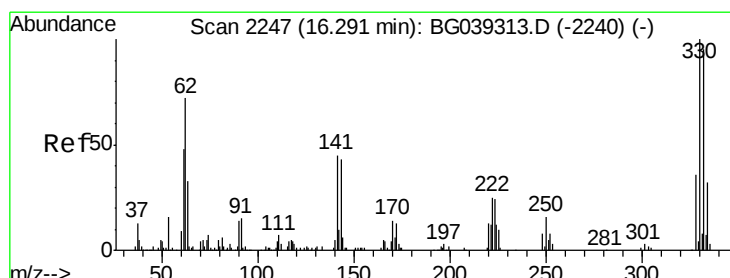
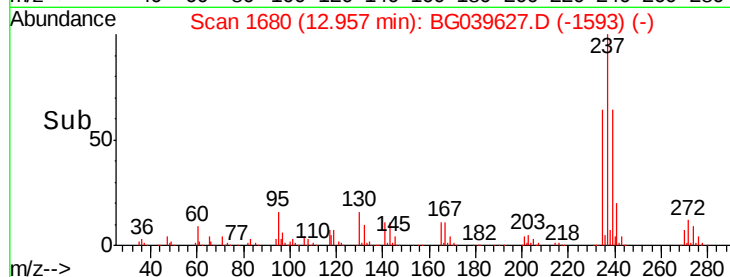
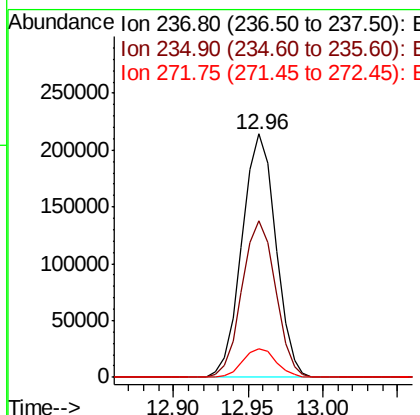
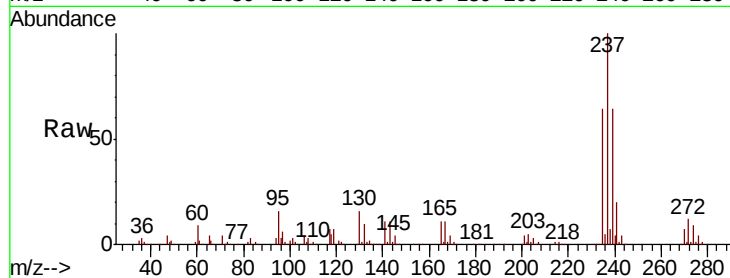




#41
Hexachlorocyclopentadiene
Concen: 108.271 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

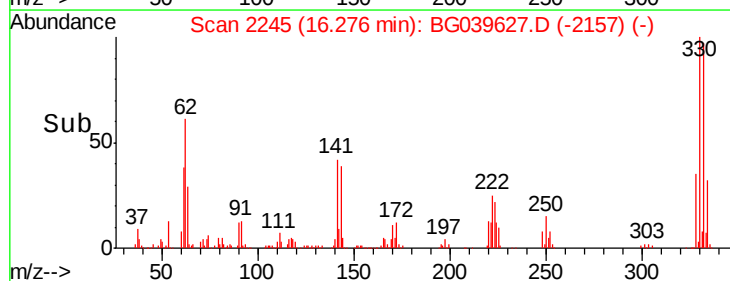
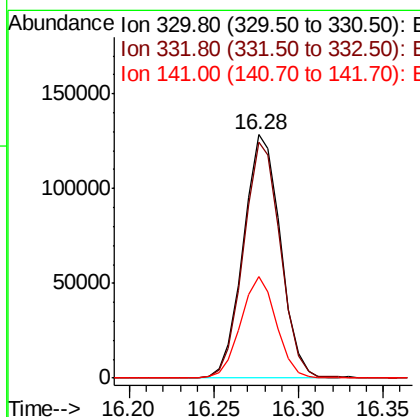
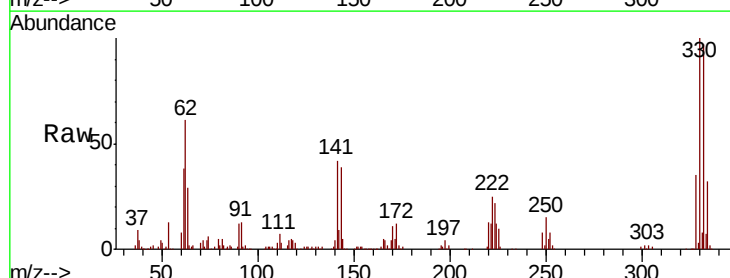
Instrument :
BNA_G
ClientSampleId :

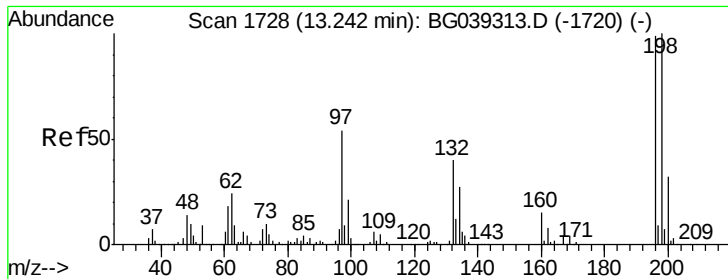
Tot Ion:237 Resp: 336260
Ion Ratio Lower Upper
237 100
235 64.3 43.3 83.3
272 11.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 101.952 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:330 Resp: 196660
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 40.1 35.6 53.4

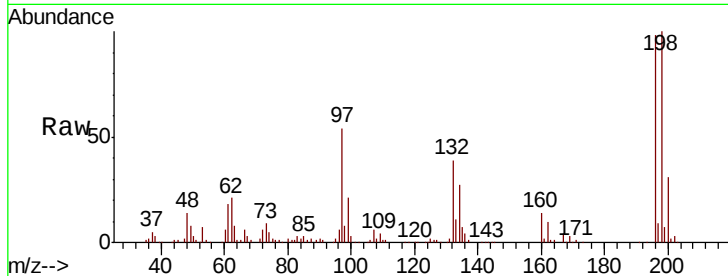




#43
 2,4,6-Trichlorophenol
 Concen: 51.010 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	178755
Ion Ratio	Lower	Upper	
196	100		
198	101.8	80.6	121.0
200	32.0	26.1	39.1

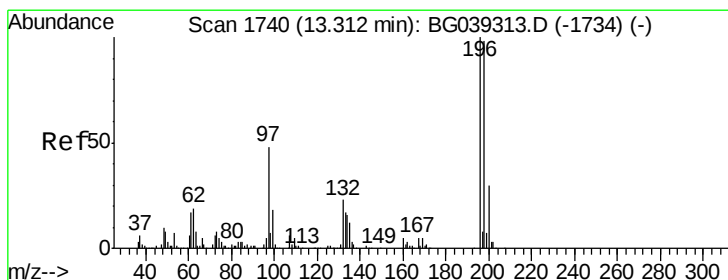
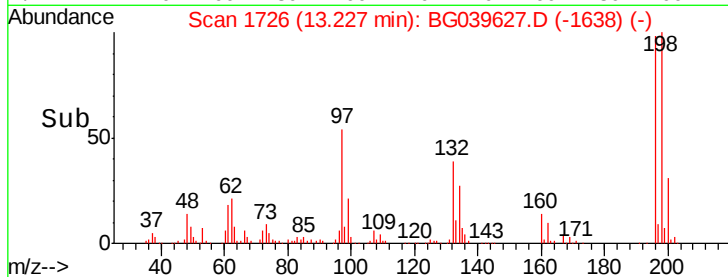
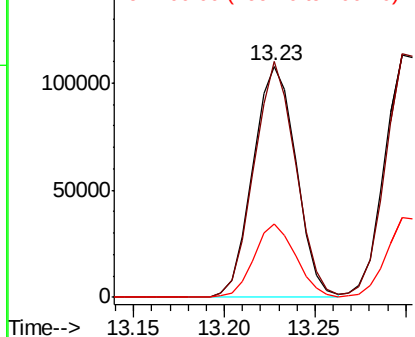


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.589 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion	196	Resp	193149
Ion Ratio	Lower	Upper	
196	100		
198	100.5	78.5	117.7
97	46.8	38.4	57.6
132	26.7	19.2	28.8

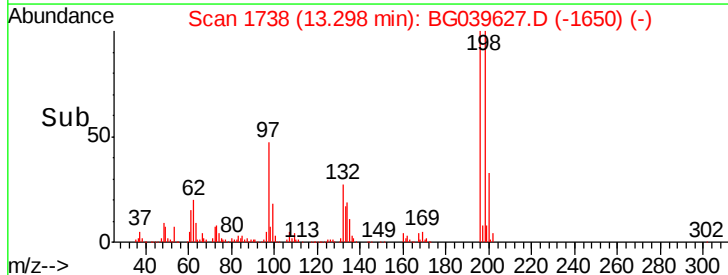
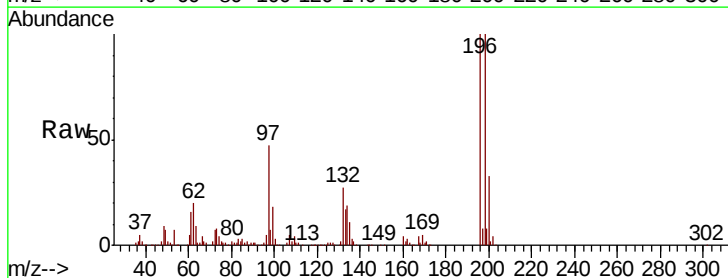
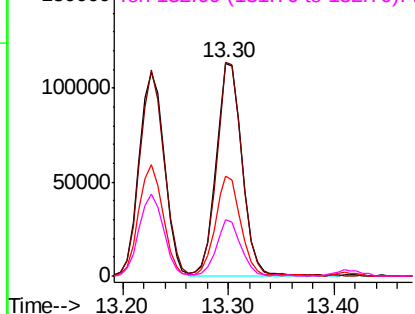
Abundance

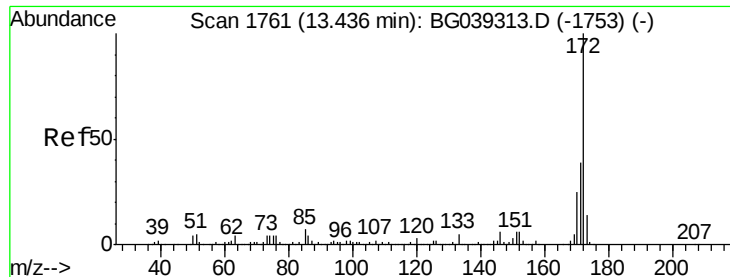
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 84.519 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

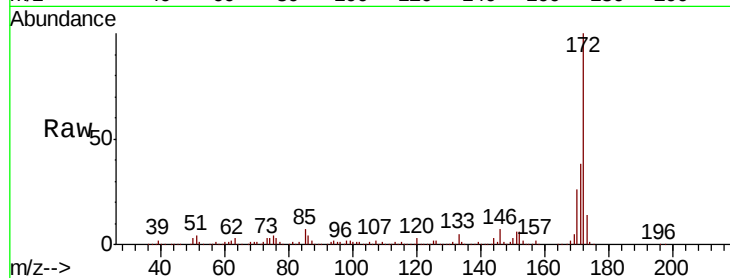
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1055385

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	26.3	20.2	30.4

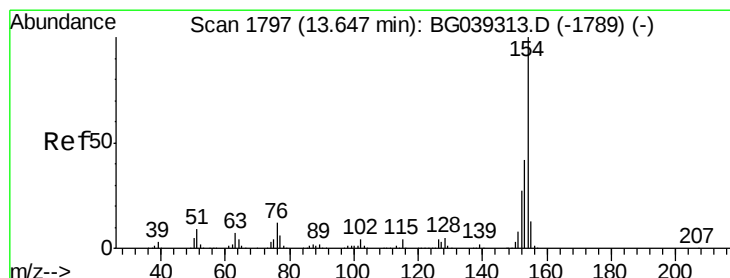
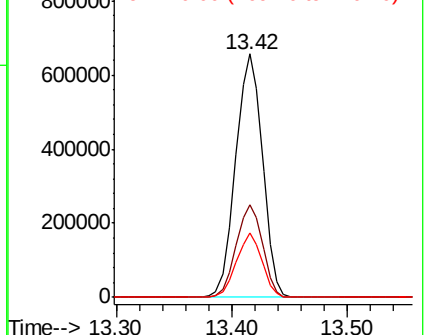
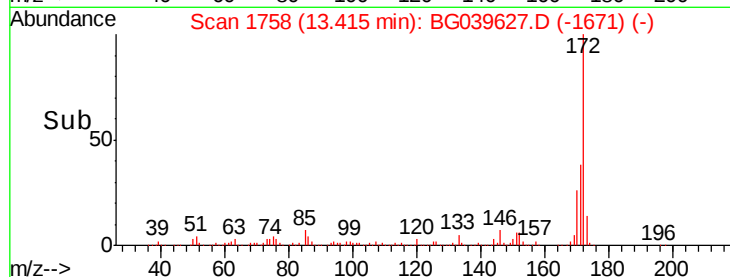


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.796 ng

RT: 13.63 min Scan# 1794

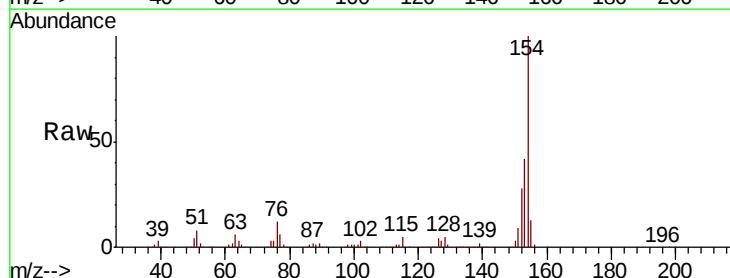
Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:154 Resp: 608037

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.2	0.0	32.4

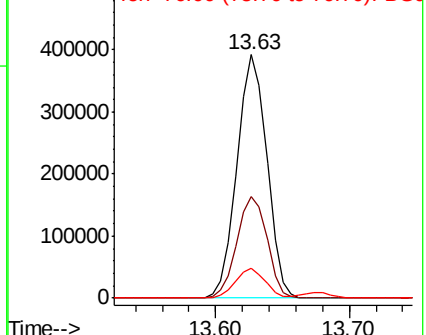
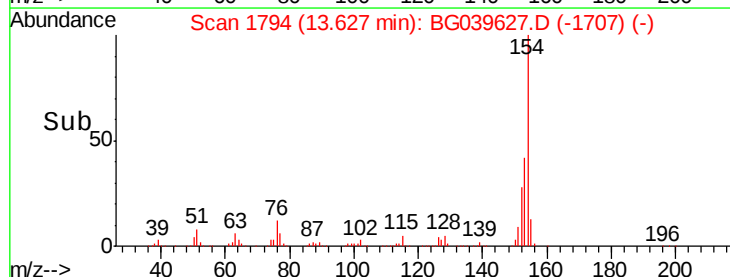


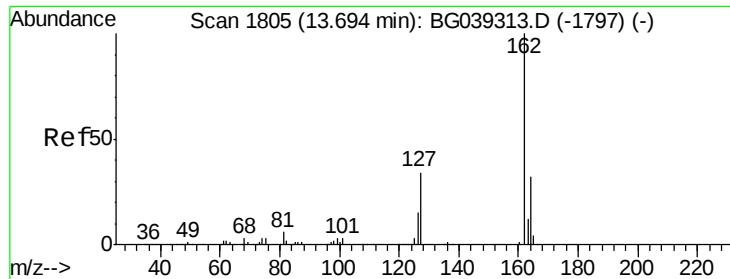
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

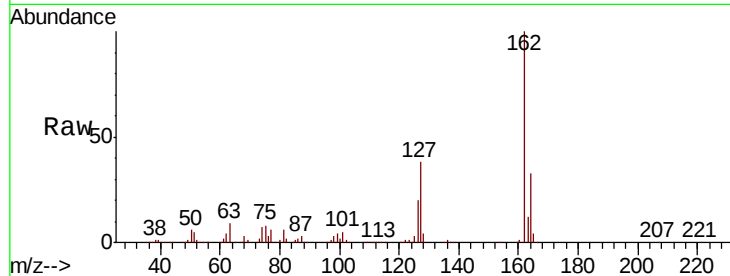




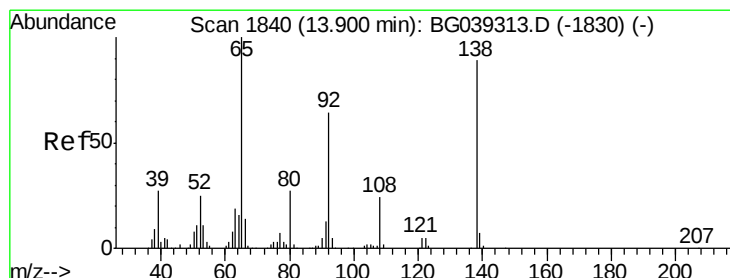
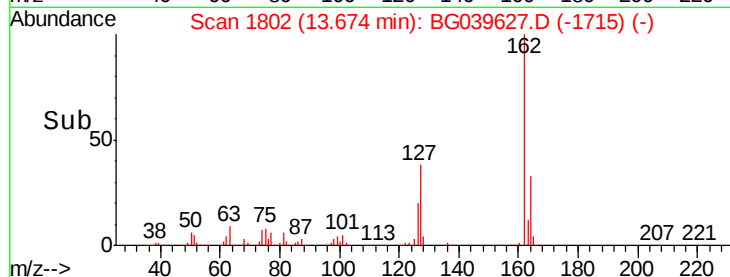
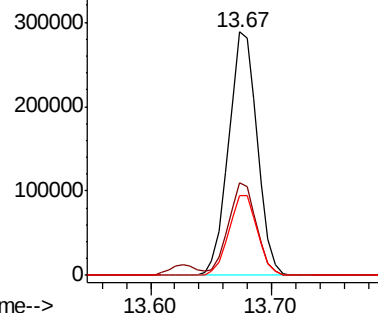
#47
2-Chloronaphthalene
Concen: 42.524 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	33.0	25.7	38.5

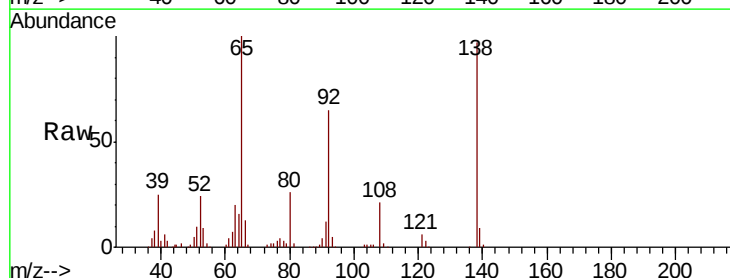


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

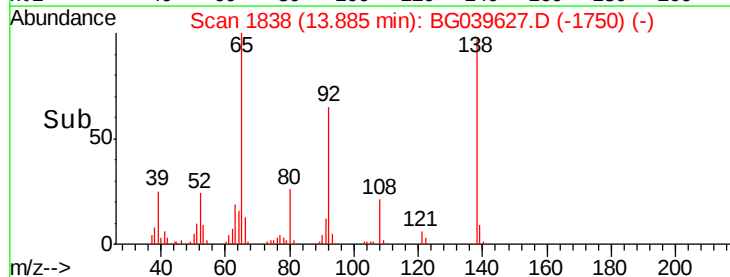
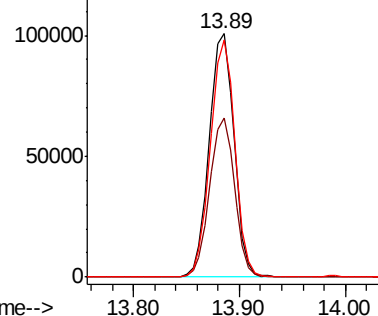


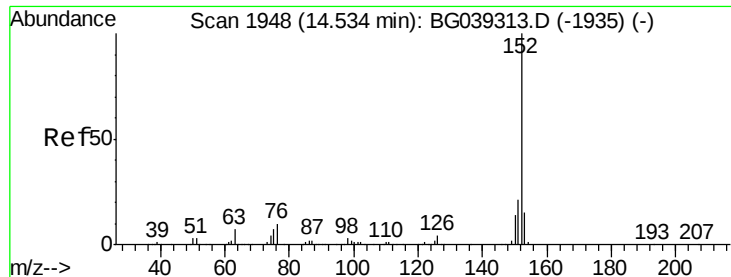
#48
2-Nitroaniline
Concen: 50.207 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.4	77.2
138	97.4	71.4	107.2



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





#49

Acenaphthylene

Concen: 45.176 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

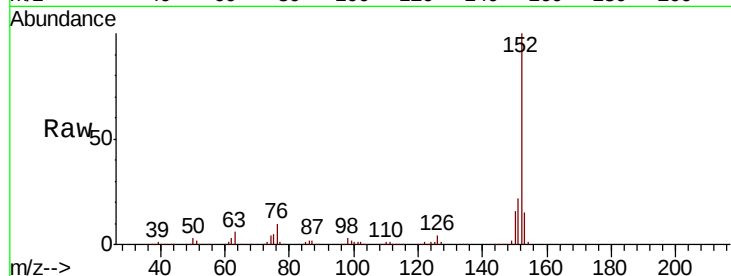
Tot Ion:152 Resp: 764299

Ion Ratio Lower Upper

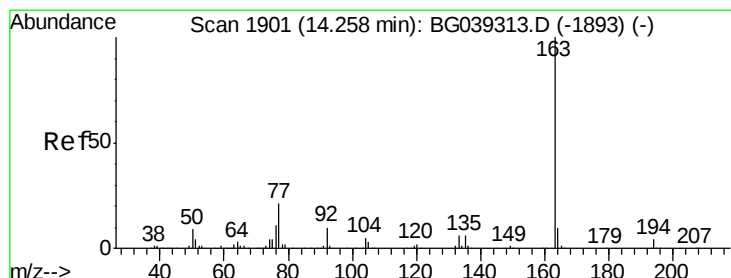
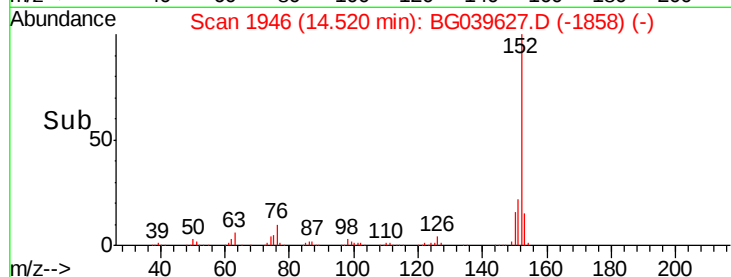
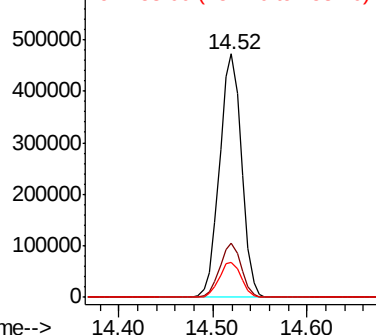
152 100

151 22.0 16.8 25.2

153 14.6 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: 42.853 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

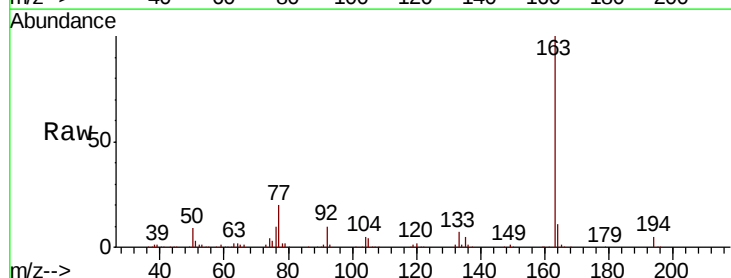
Tgt Ion:163 Resp: 619972

Ion Ratio Lower Upper

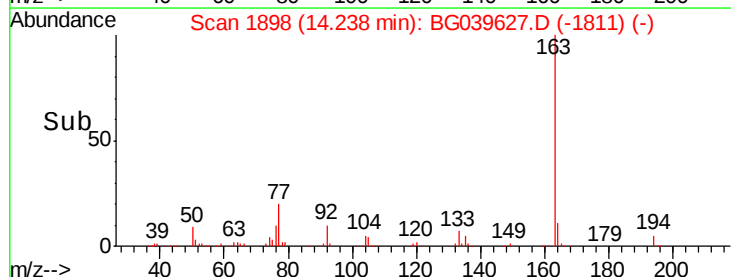
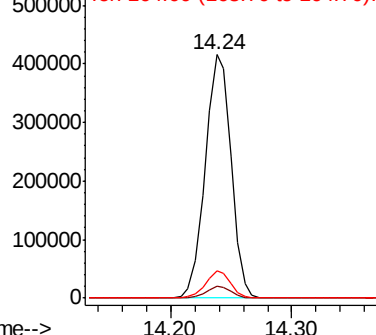
163 100

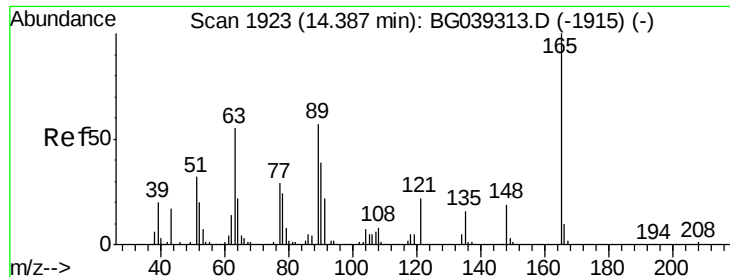
194 4.6 3.6 5.4

164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.948 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

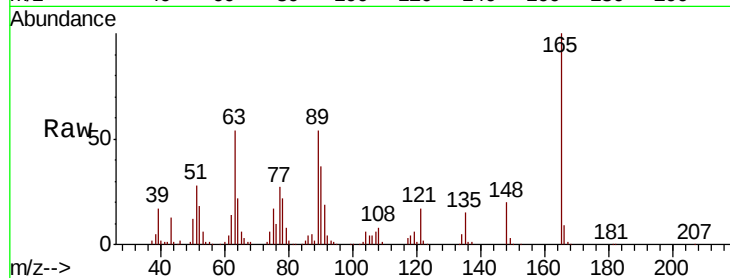
Tot Ion:165 Resp: 142152

Ion Ratio Lower Upper

165 100

63 53.6 47.0 70.6

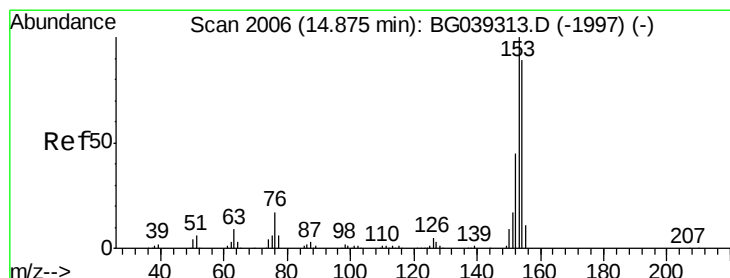
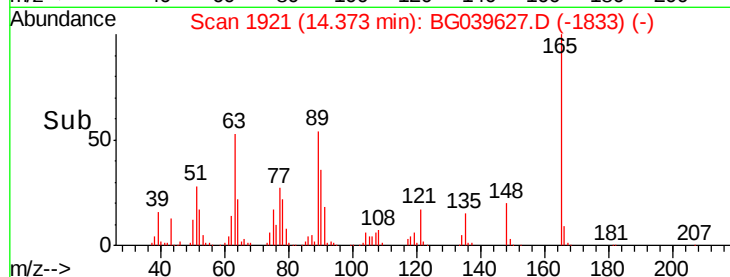
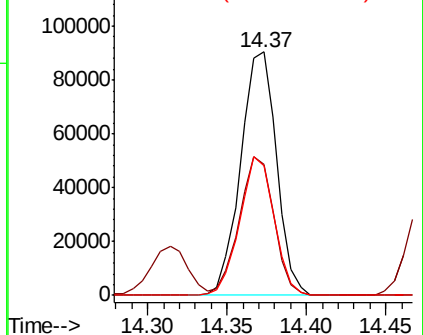
89 53.5 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.648 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

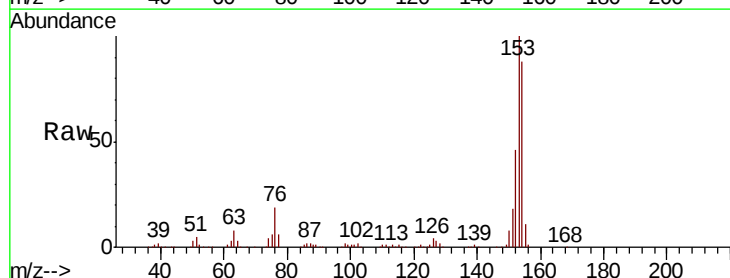
Tgt Ion:154 Resp: 457370

Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

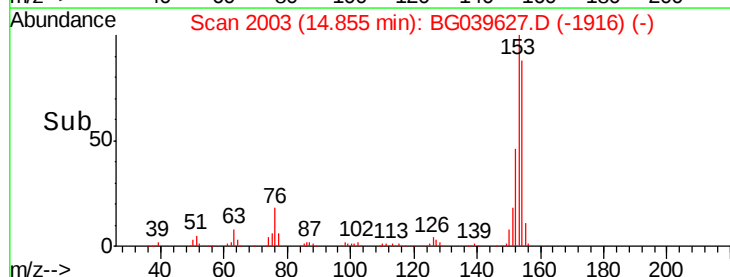
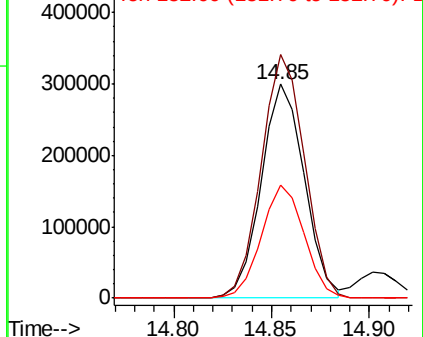
152 52.8 40.9 61.3

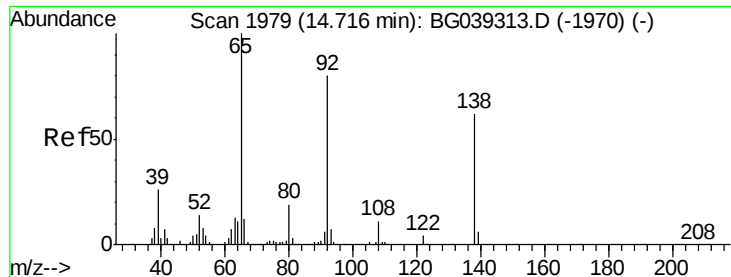


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.866 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

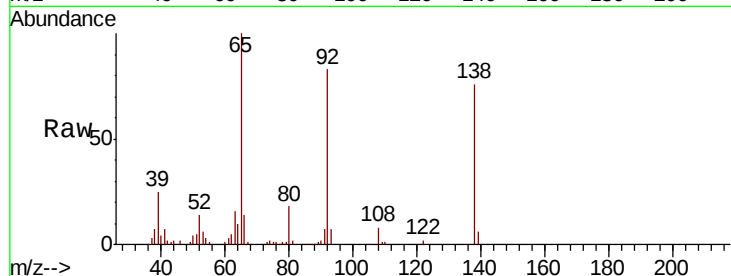
Tot Ion:138 Resp: 46694

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

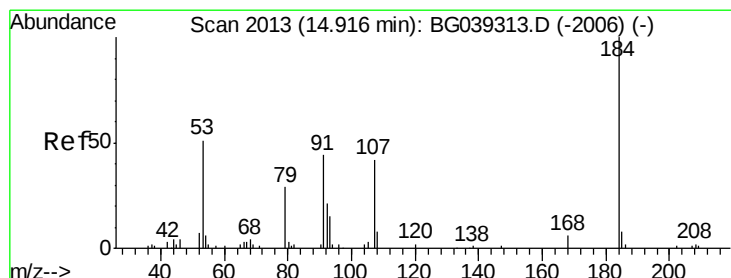
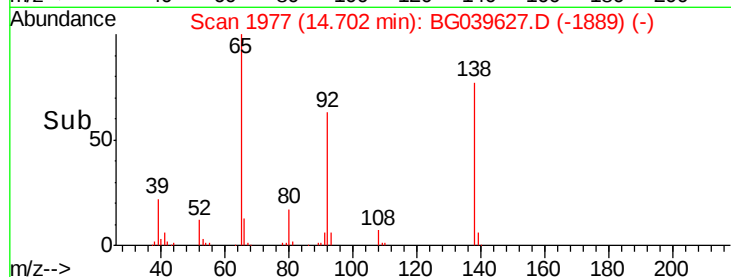
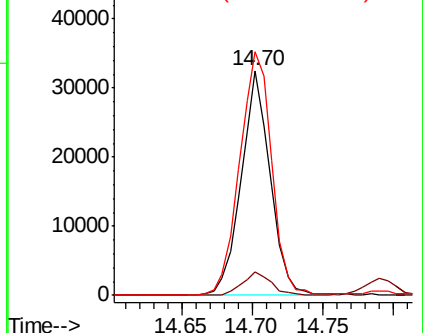
92 108.3 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 80.023 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

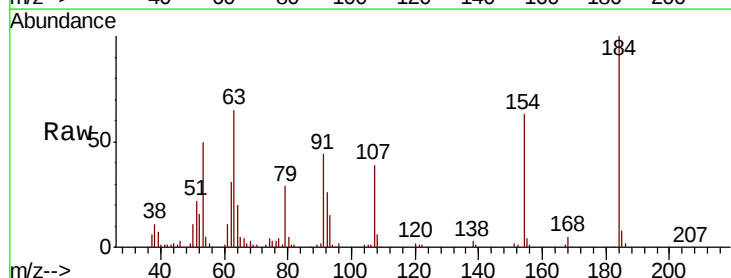
Tgt Ion:184 Resp: 95721

Ion Ratio Lower Upper

184 100

63 64.6 50.9 76.3

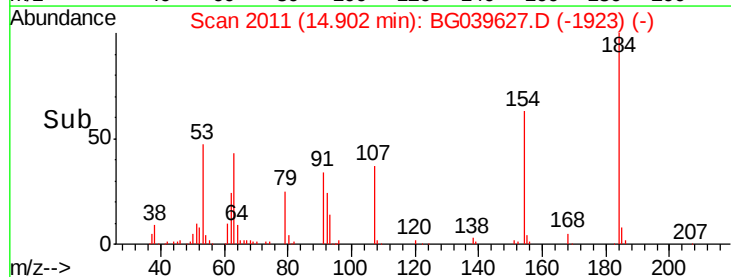
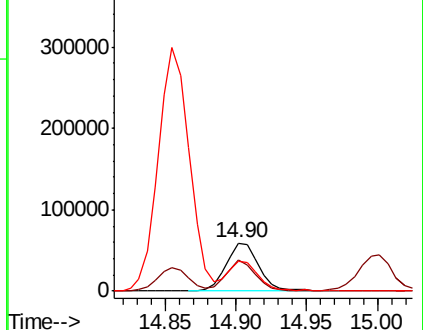
154 62.6 53.0 79.6

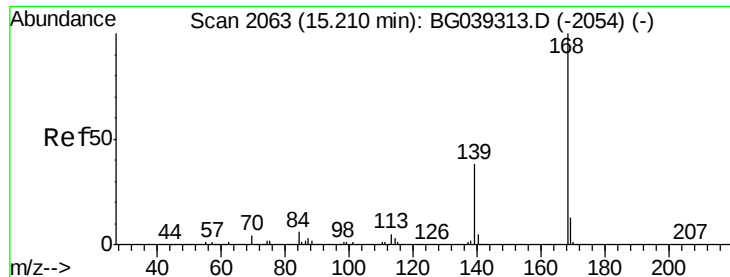


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

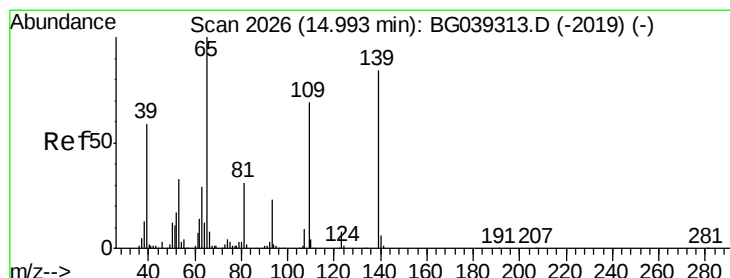
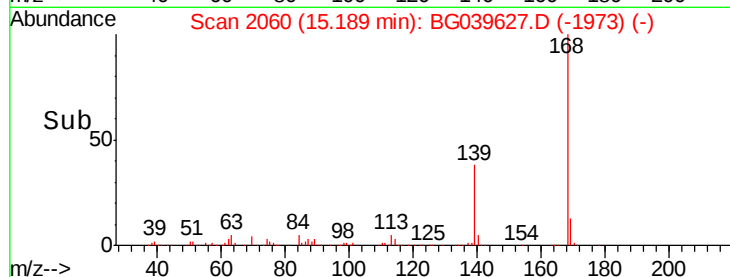
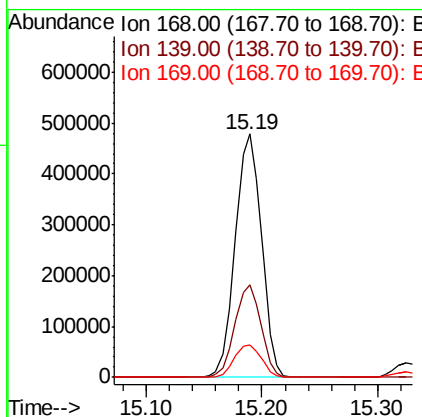
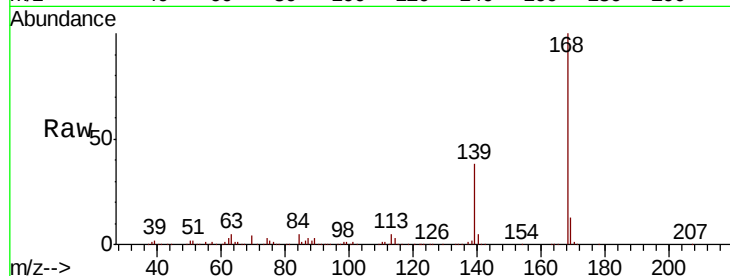




#55
Dibenzofuran
Concen: 42.797 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

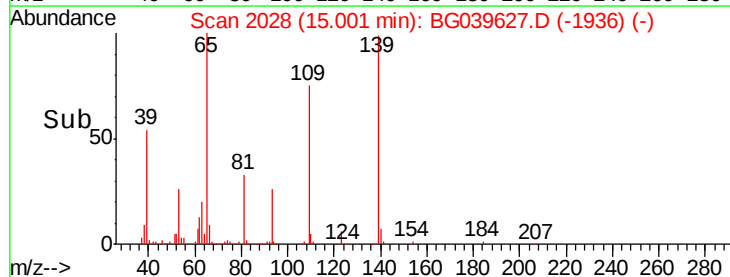
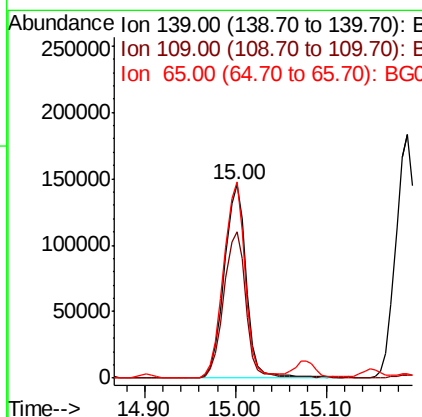
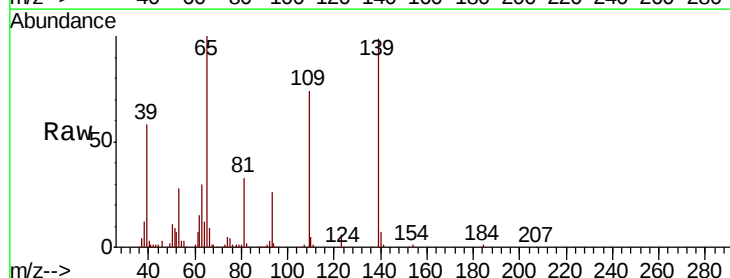
Instrument :
BNA_G
ClientSampleId :

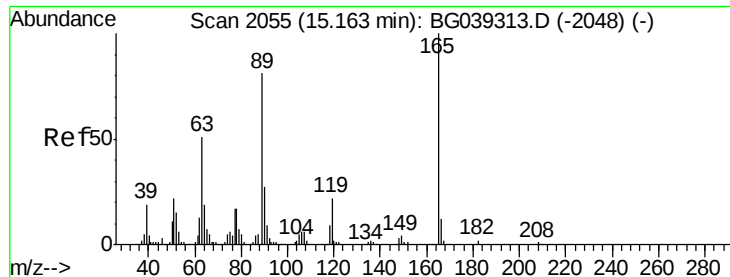
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.5	10.6	16.0



#56
4-Nitrophenol
Concen: 93.140 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	61.9	101.9
65	101.3	99.1	139.1

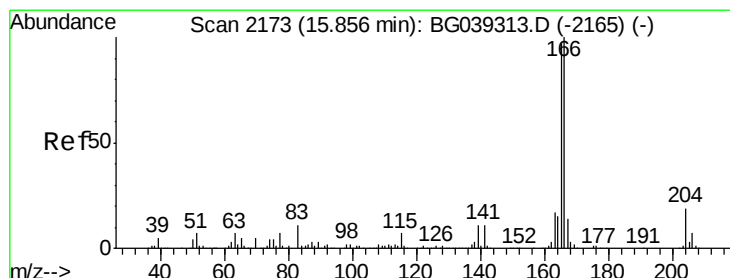
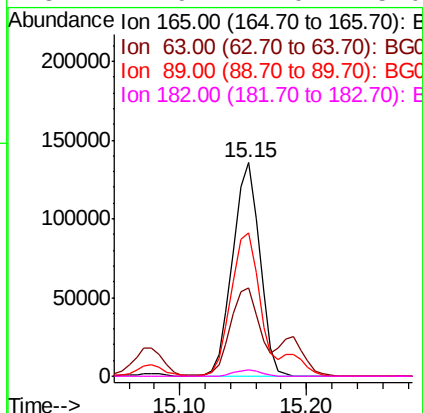
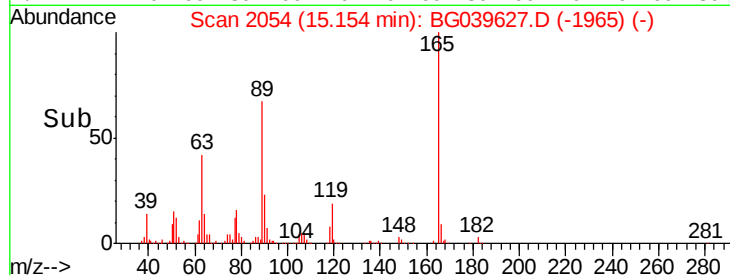
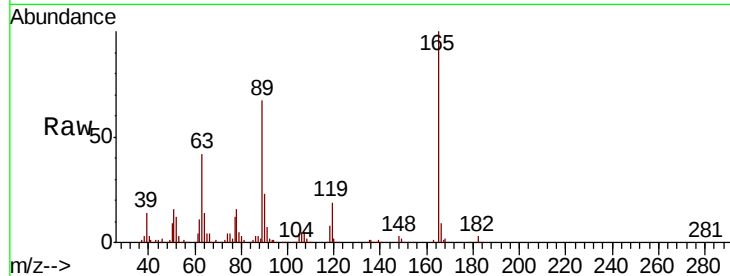




#57
 2,4-Dinitrotoluene
 Concen: 56.538 ng
 RT: 15.15 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

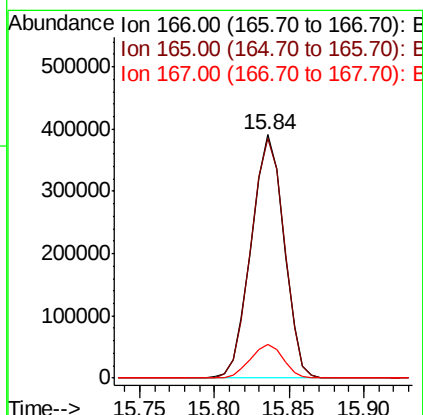
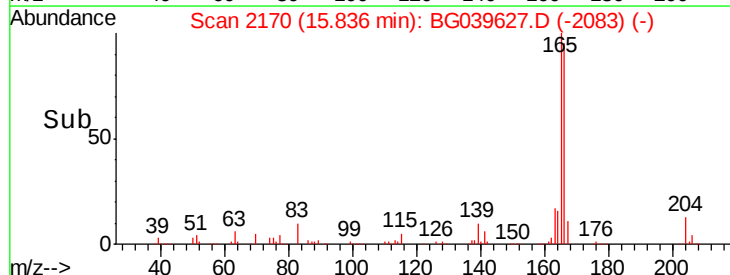
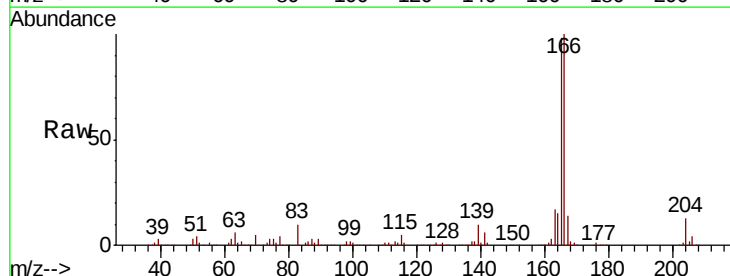
Instrument :
 BNA_G
 ClientSampleId :

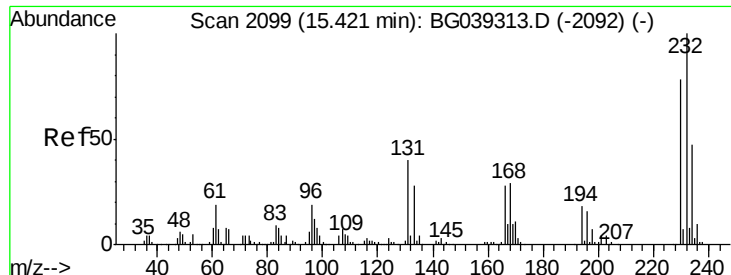
Tot Ion:165	Resp:	201580
Ion Ratio	Lower	Upper
165	100	
63	41.6	41.0 61.6
89	67.1	64.6 96.8
182	2.9	2.0 3.0



#58
 Fluorene
 Concen: 45.153 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion:166	Resp:	592668
Ion Ratio	Lower	Upper
166	100	
165	98.4	77.9 116.9
167	13.6	10.8 16.2

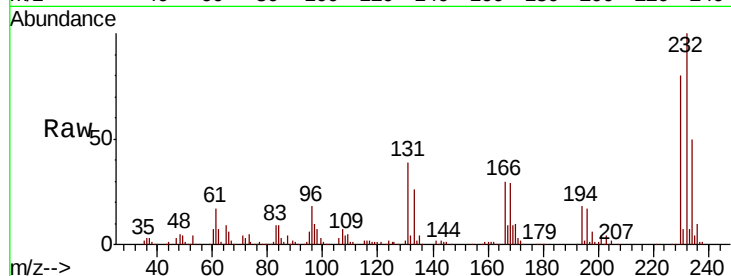




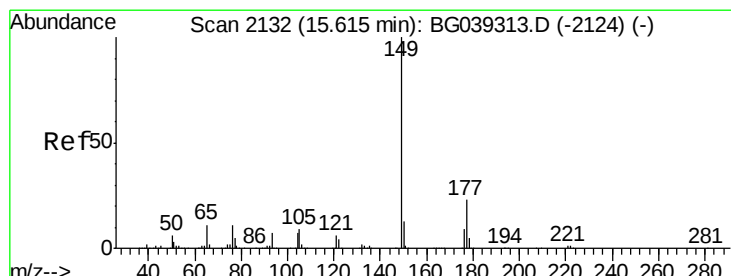
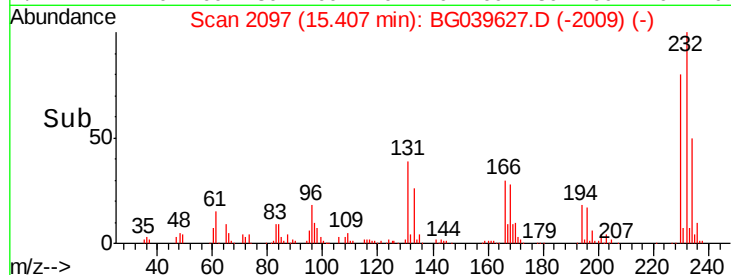
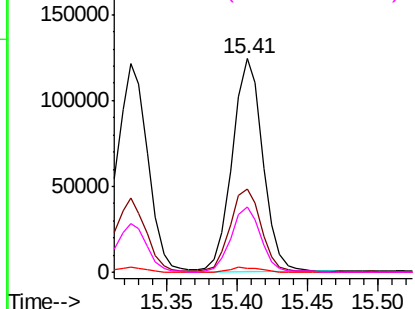
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.341 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	186874
Ion Ratio	Lower	Upper
232	100	
131	39.6	34.9 52.3
130	2.3	2.0 3.0
166	30.2	24.1 36.1

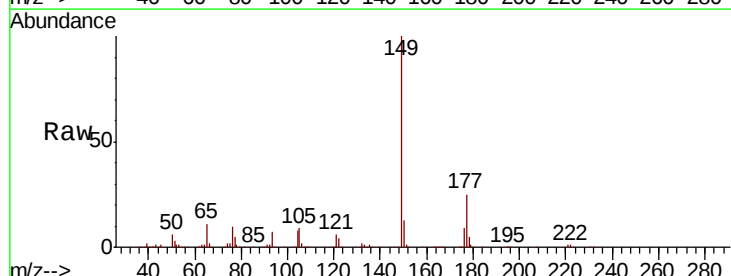


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

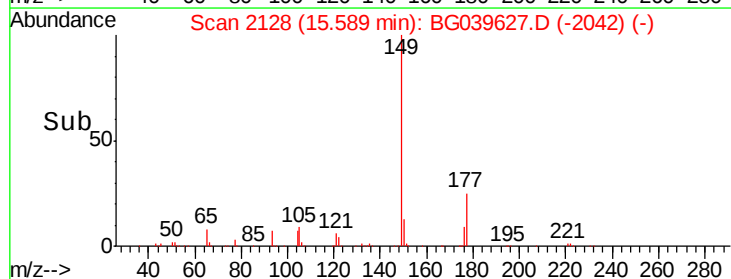
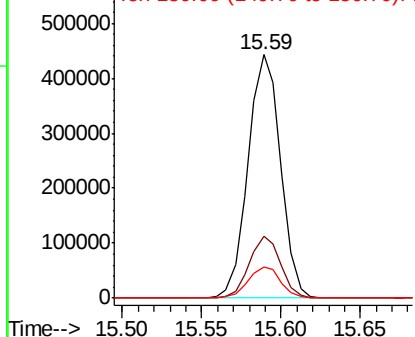


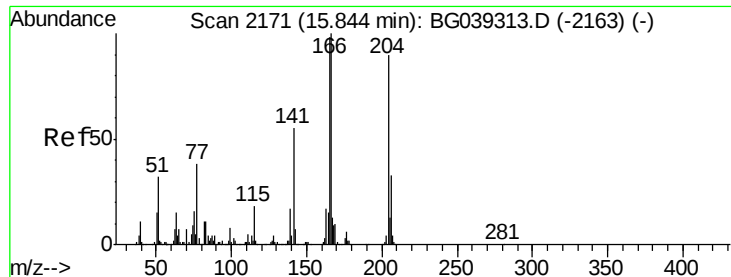
#60
 Diethylphthalate
 Concen: 42.022 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion:149	Resp:	628572
Ion Ratio	Lower	Upper
149	100	
177	25.2	18.3 27.5
150	12.9	10.2 15.2



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

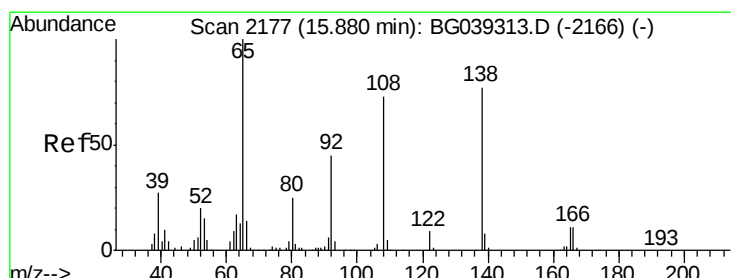
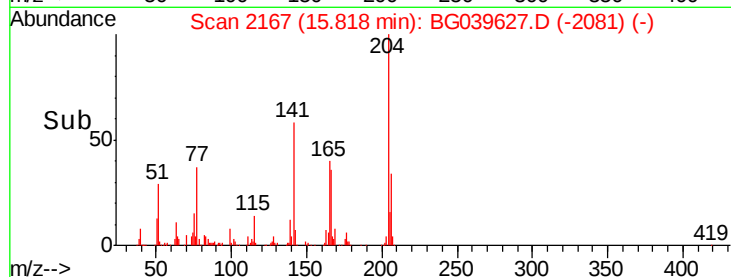
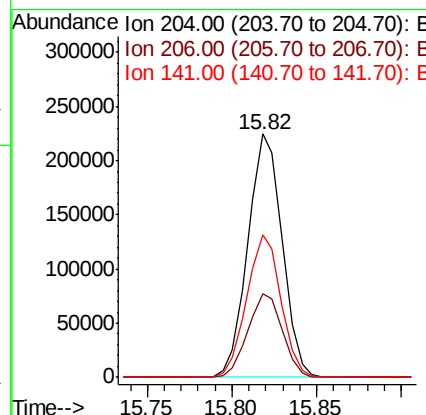
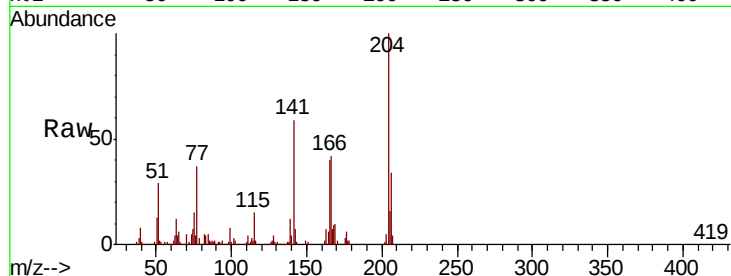




#61
 4-Chlorophenyl-phenylether
 Concen: 42.813 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

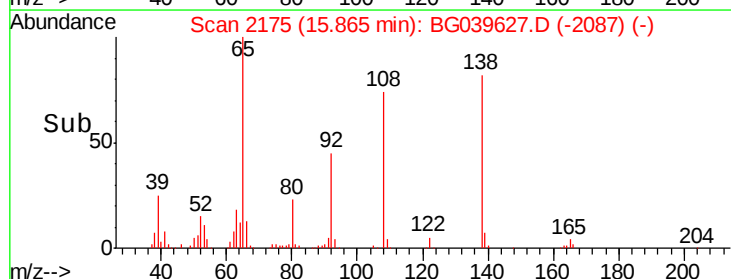
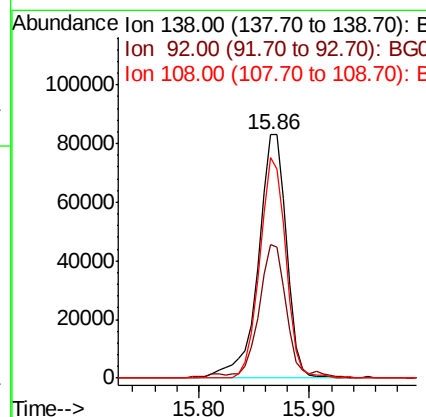
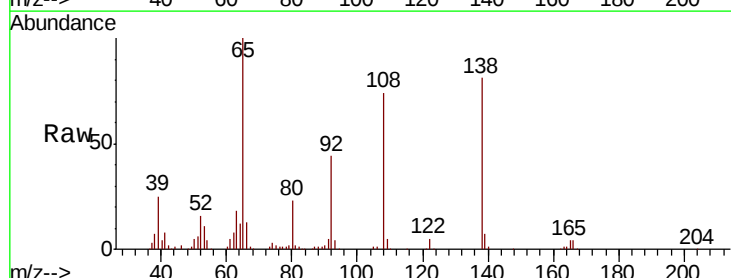
Instrument :
 BNA_G
 ClientSampled :

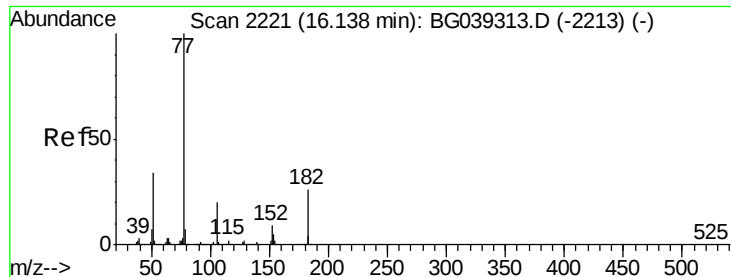
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	29.2	43.8
141	58.7	49.0	73.4



#62
 4-Nitroaniline
 Concen: 49.119 ng
 RT: 15.86 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.7	78.7
108	90.6	74.6	114.6





#63

Azobenzene

Concen: 38.641 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 564945

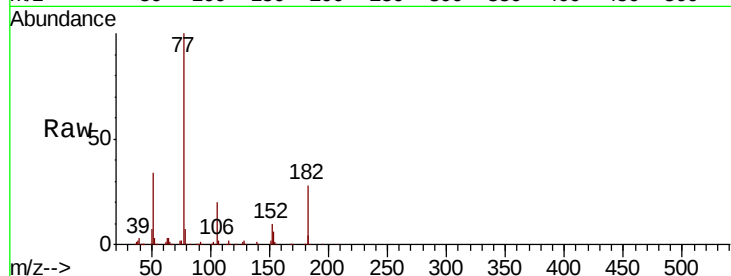
Ion Ratio Lower Upper

77 100

182 28.2 6.4 46.4

105 20.4 0.0 39.8

51 33.5 14.1 54.1

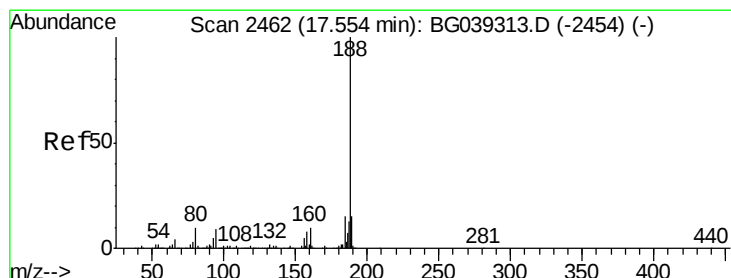
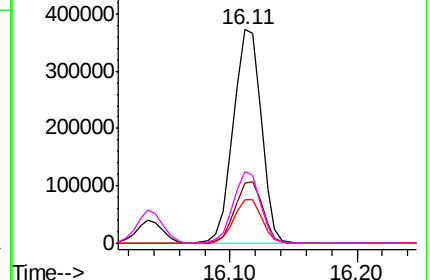
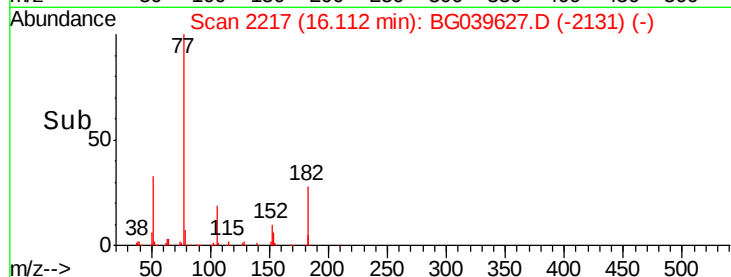


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

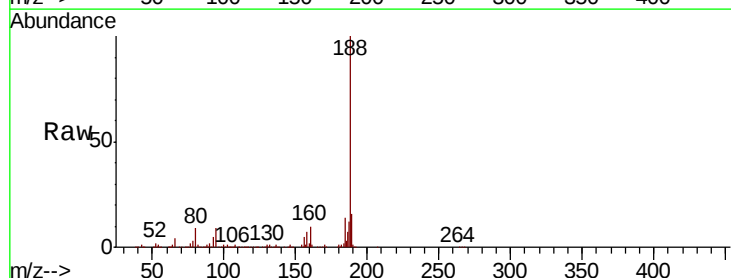
Tgt Ion: 188 Resp: 424987

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

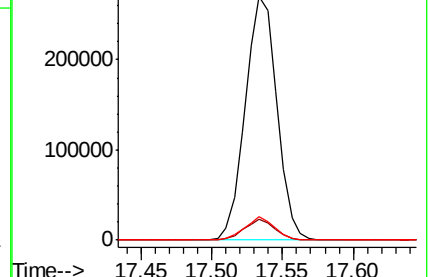
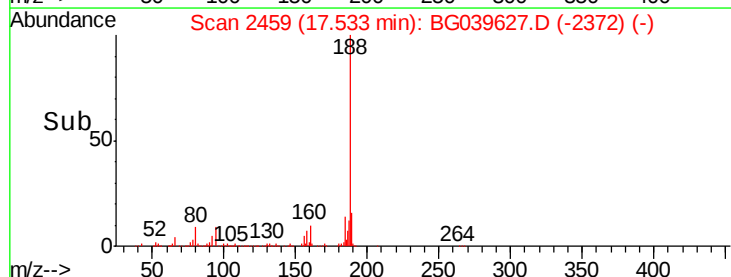
80 9.4 8.1 12.1

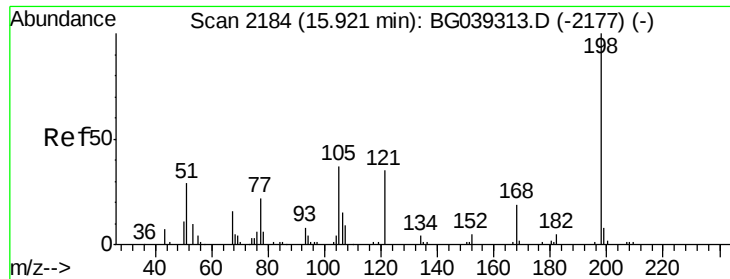


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.473 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

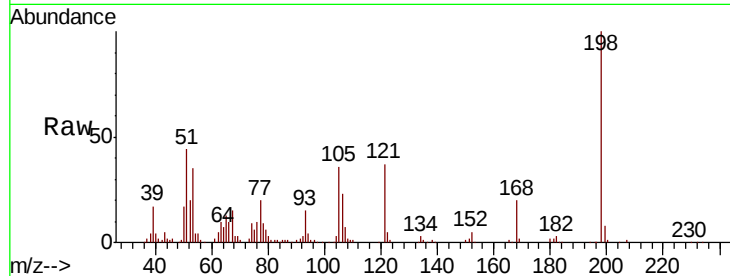
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 96147

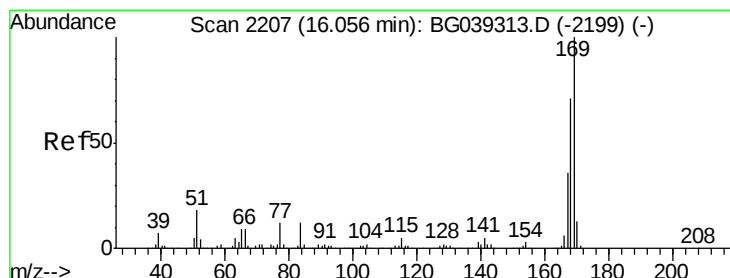
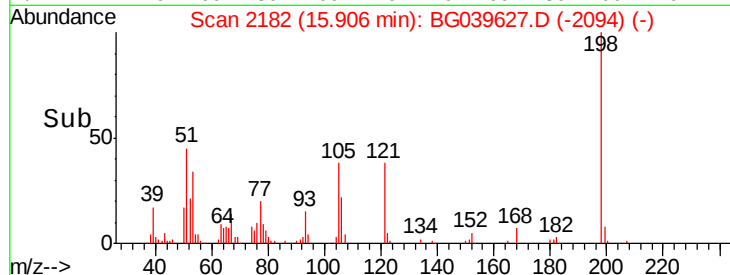
Ion	Ratio	Lower	Upper
198	100		
51	43.5	27.4	67.4
105	36.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039627.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.318 ng

RT: 16.04 min Scan# 2204

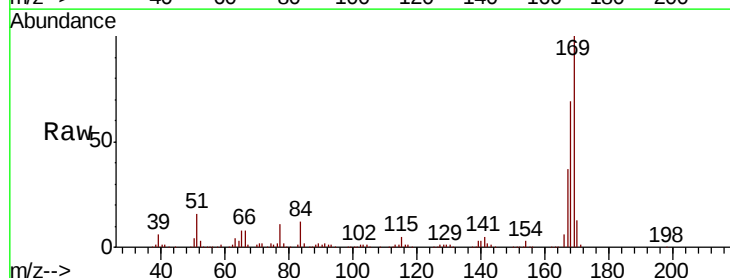
Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:169 Resp: 546855

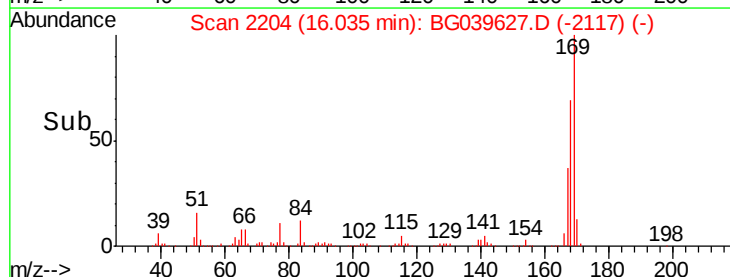
Ion	Ratio	Lower	Upper
169	100		
168	68.9	56.6	85.0
167	36.6	28.8	43.2

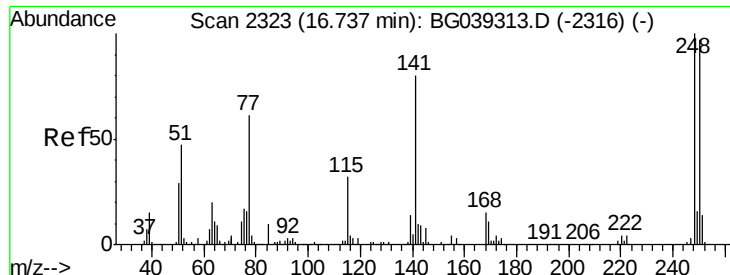


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

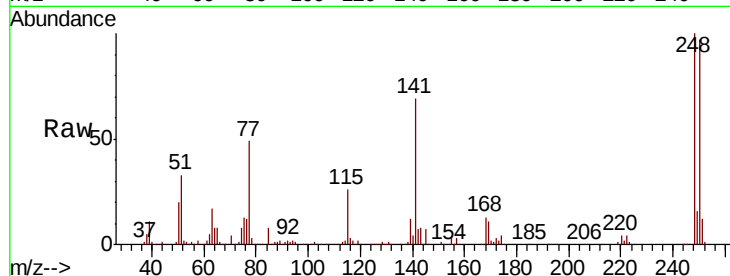




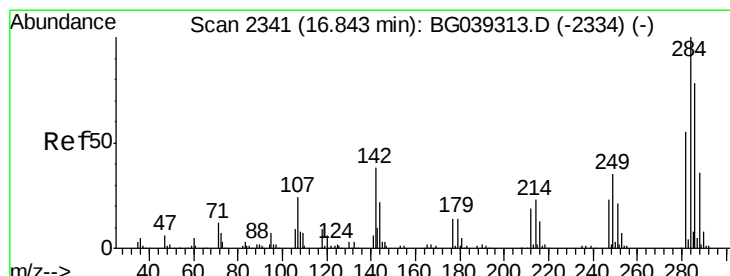
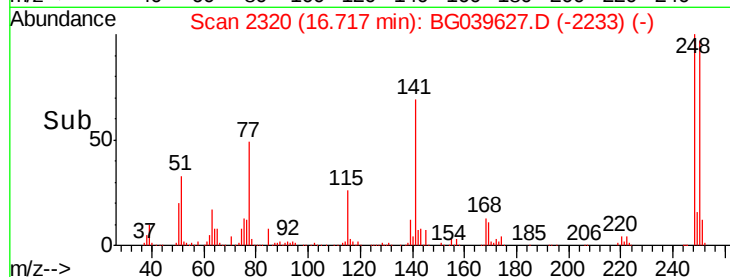
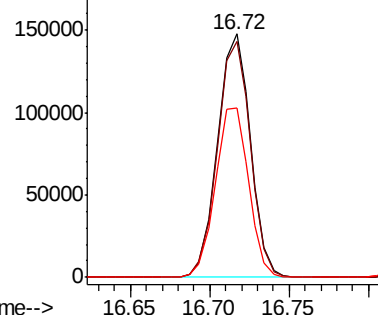
#67
4-Bromophenyl-phenylether
Concen: 44.873 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 211566
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 69.4 63.9 95.9

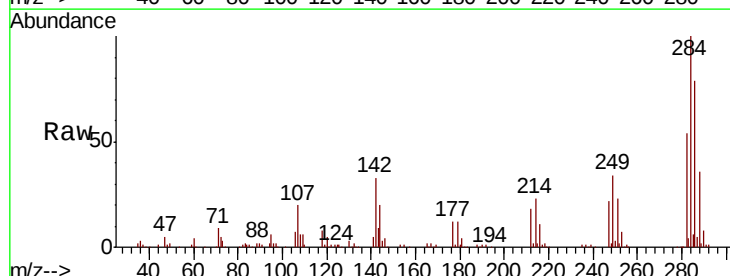


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

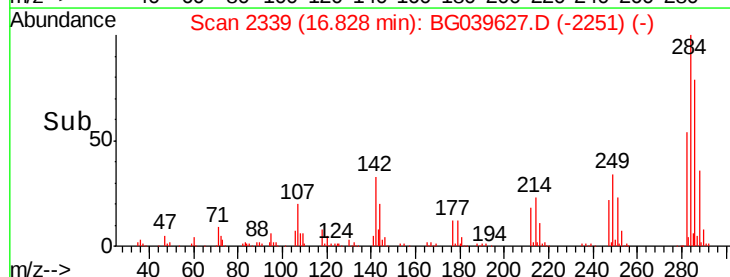
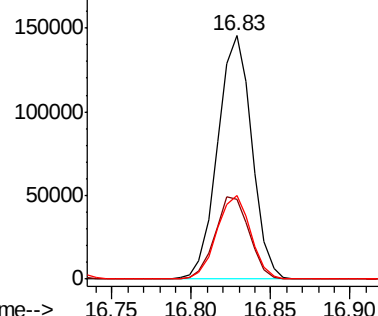


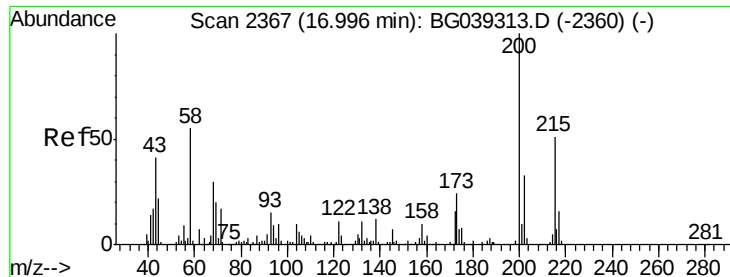
#68
Hexachlorobenzene
Concen: 46.031 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:284 Resp: 217739
Ion Ratio Lower Upper
284 100
142 32.9 30.6 45.8
249 34.5 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: 43.690 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

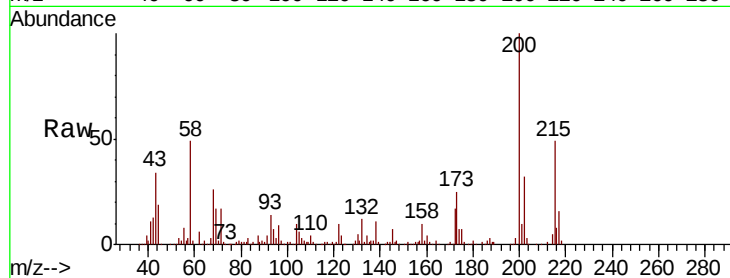
Tot Ion:200 Resp: 206321

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

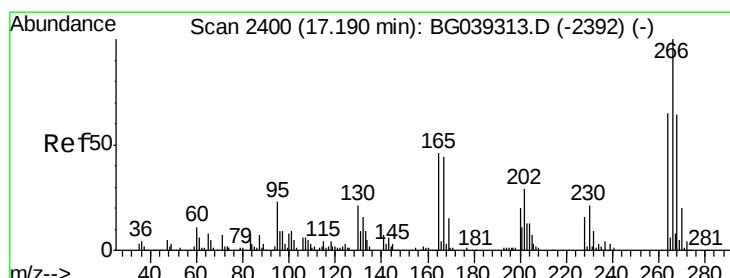
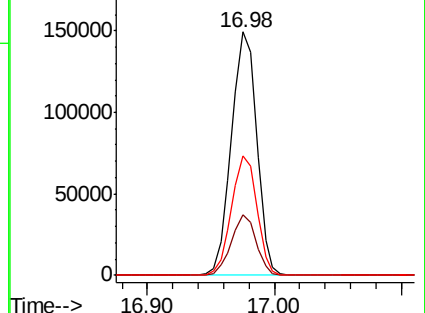
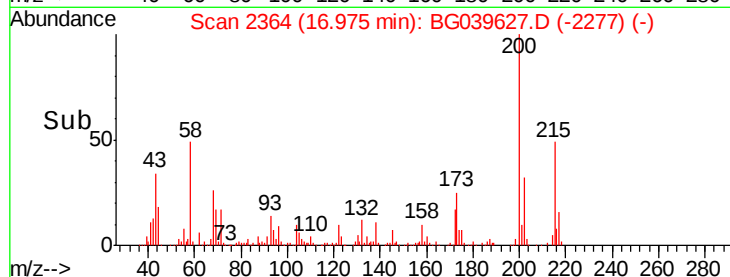
215 49.3 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.946 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

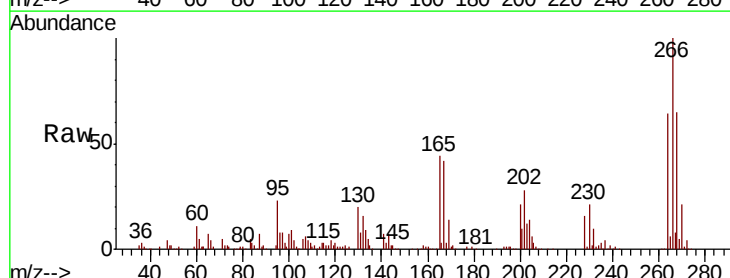
Tgt Ion:266 Resp: 252971

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

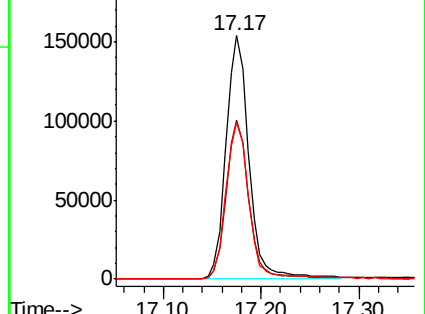
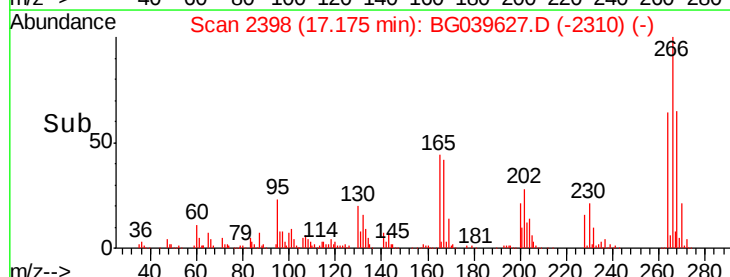
264 64.3 52.1 78.1

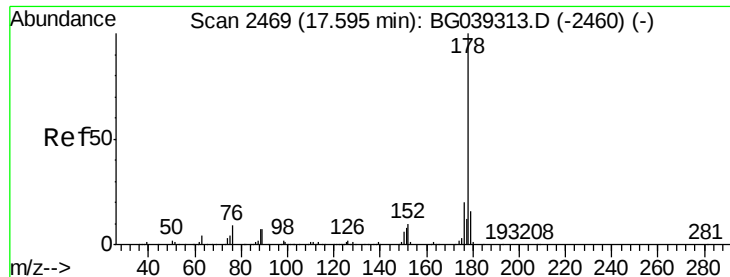


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

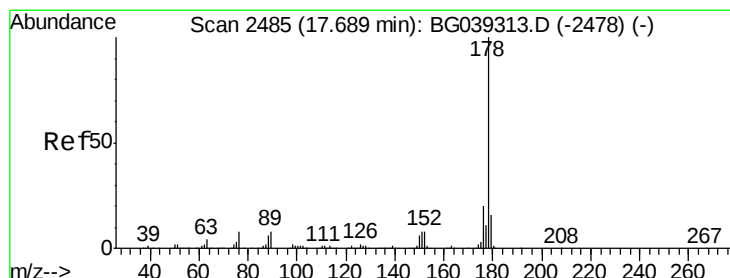
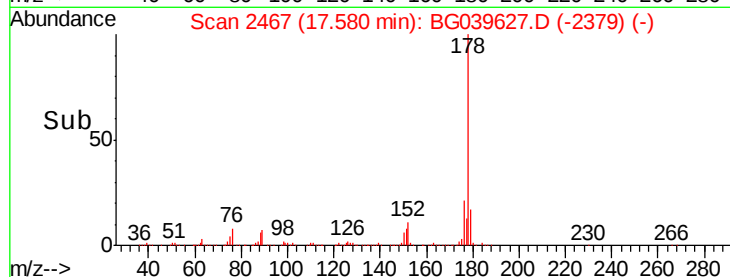
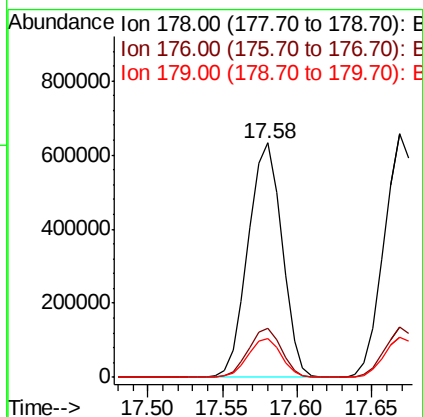
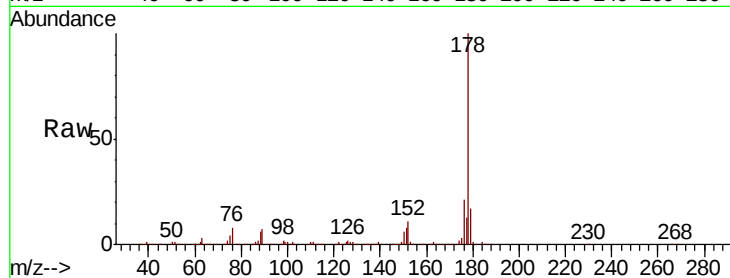




#71
Phenanthrene
Concen: 45.157 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

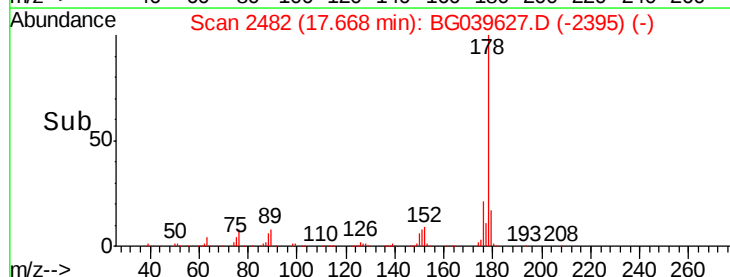
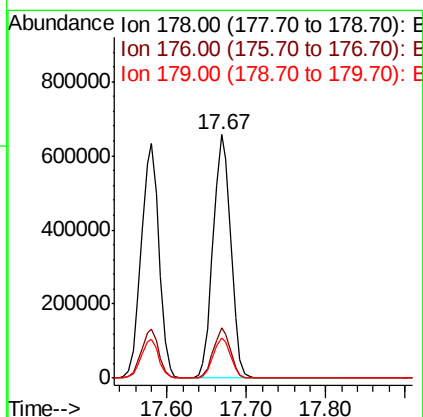
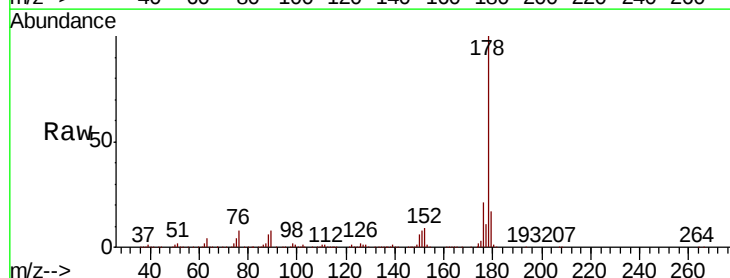
Instrument :
BNA_G
ClientSampleId :

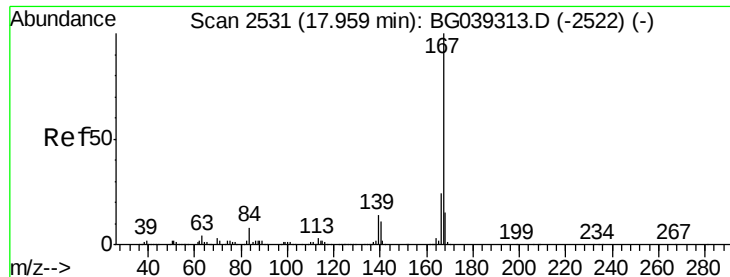
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.6	12.6	19.0



#72
Anthracene
Concen: 46.962 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	16.6	12.5	18.7

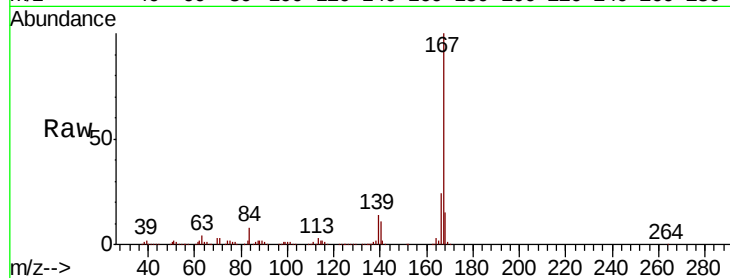




#73
 Carbazole
 Concen: 41.851 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	13.9	10.8	16.2

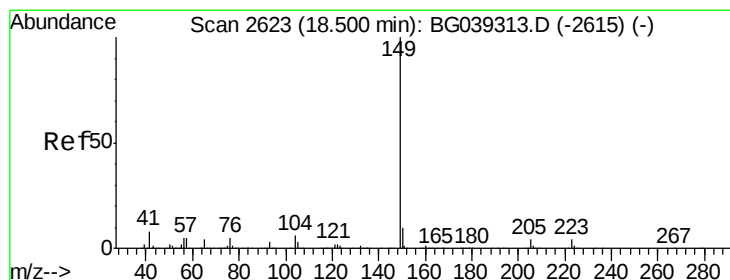
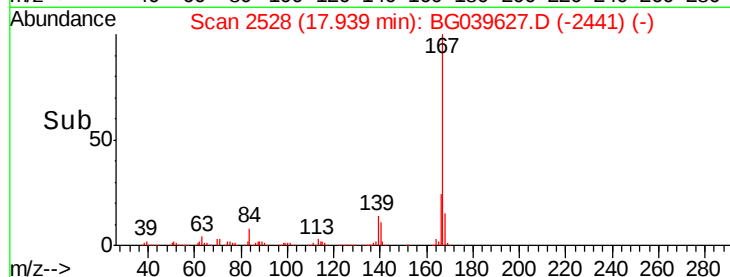
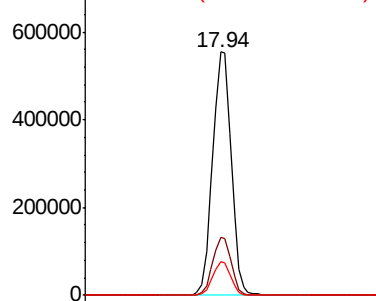


Abundance

Ion 167.00 (166.70 to 167.70): E

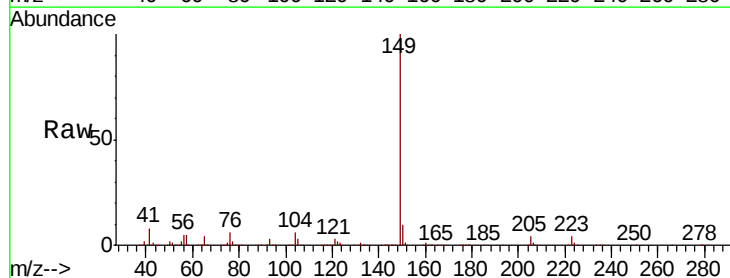
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.736 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039627.D
 Acq: 27 Feb 2019 9:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.6	4.5	6.7

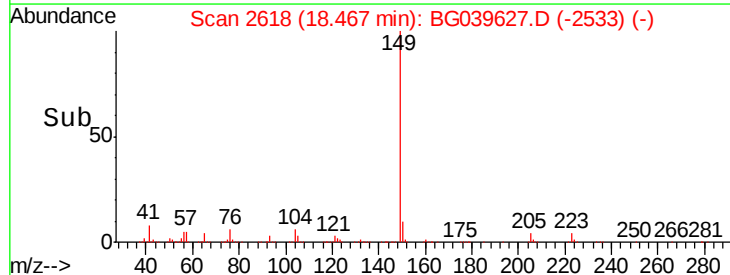
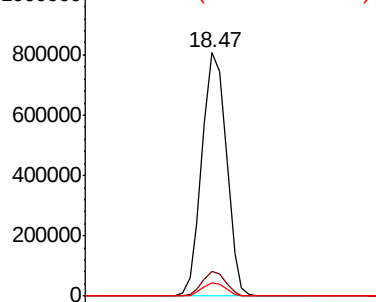


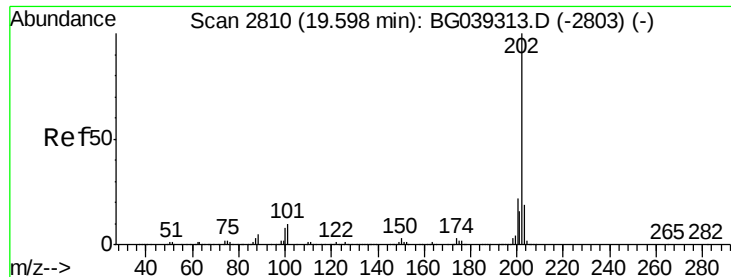
Abundance

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: 47.635 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

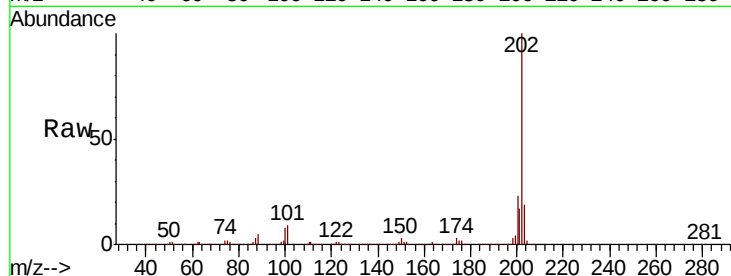
Tot Ion:202 Resp: 1216141

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

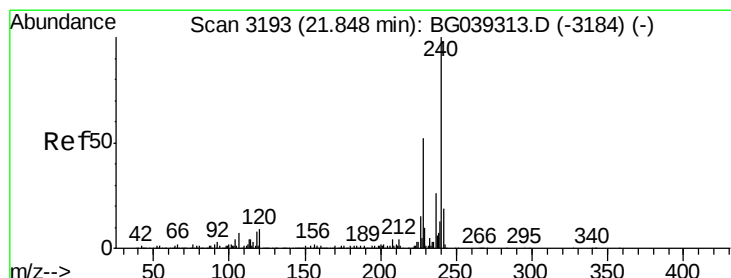
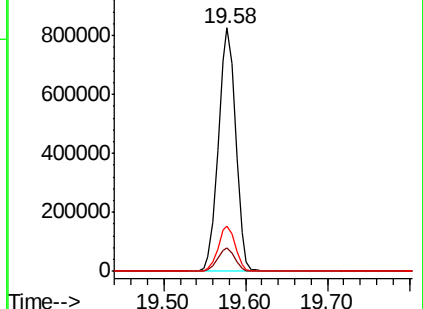
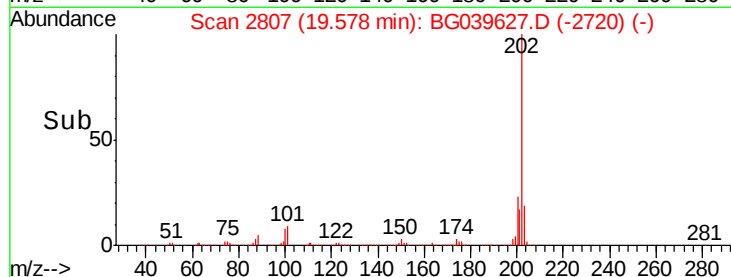
203 18.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

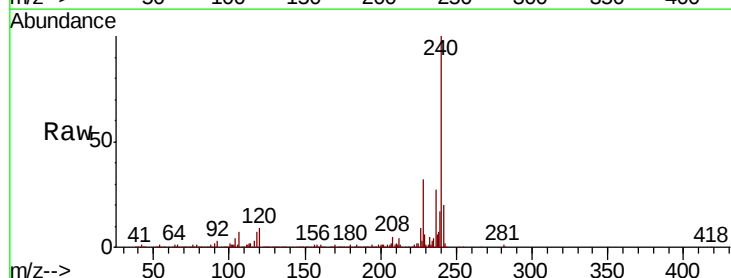
Tgt Ion:240 Resp: 433784

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

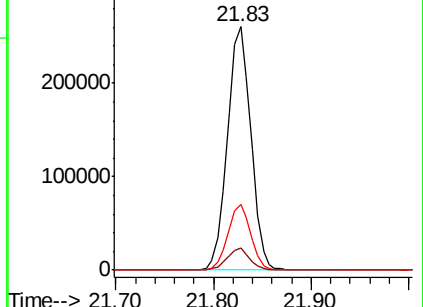
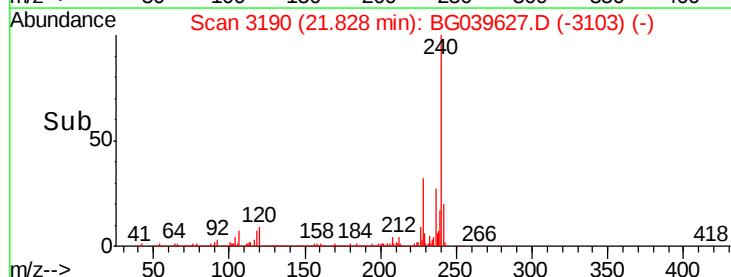
236 26.8 21.0 31.4

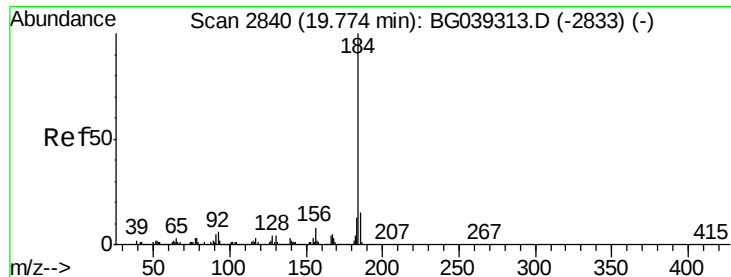


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.959 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

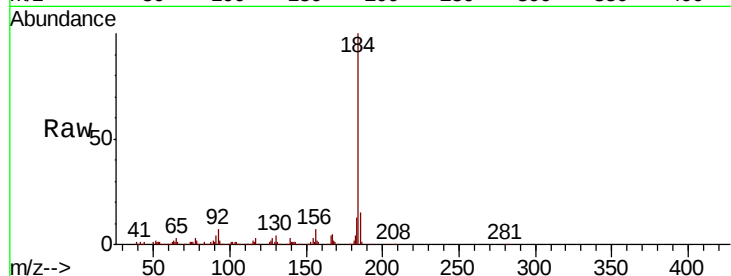
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 283860

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	13.1	10.6	15.8

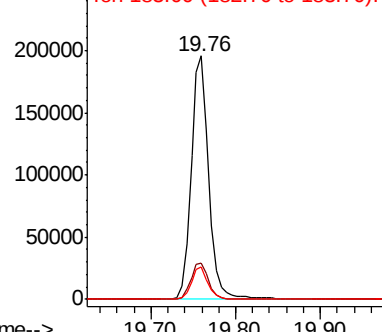


Abundance

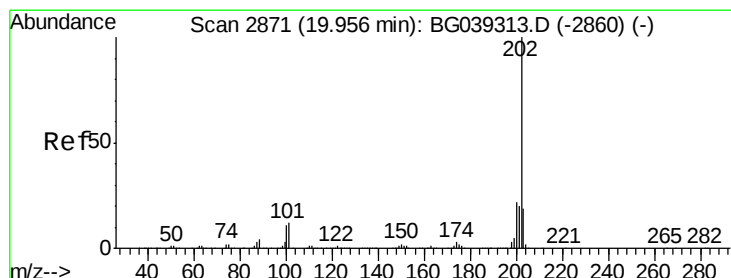
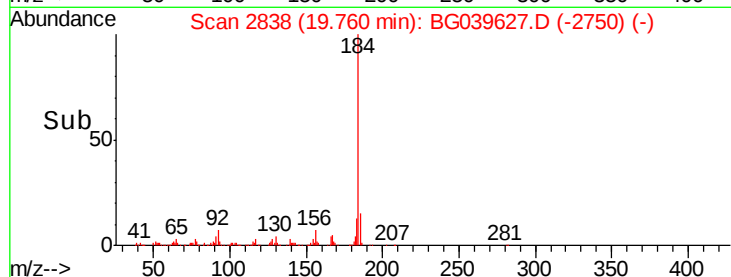
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.915 ng

RT: 19.94 min Scan# 2869

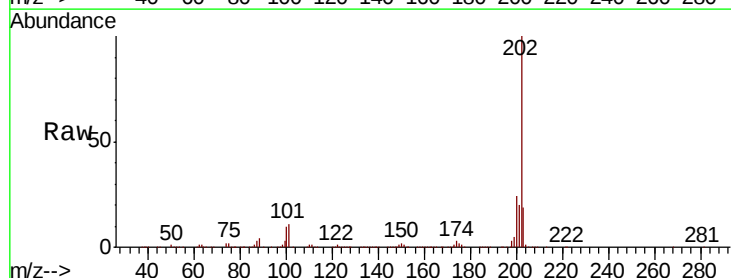
Delta R.T. -0.01 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:202 Resp: 1212885

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.8	26.8
203	19.0	15.3	22.9

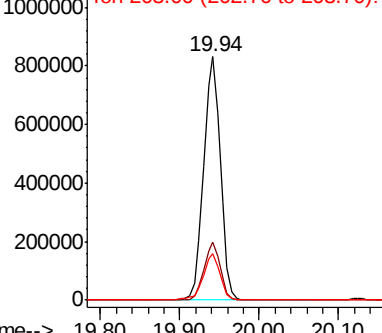


Abundance

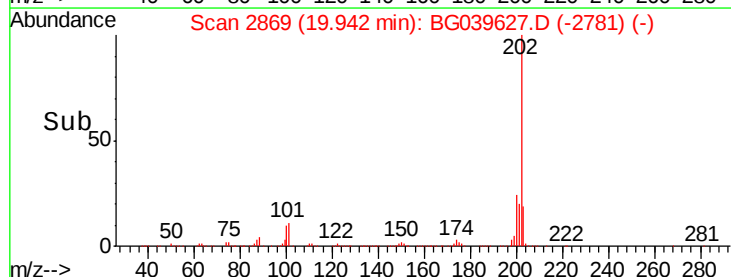
Ion 202.00 (201.70 to 202.70): E

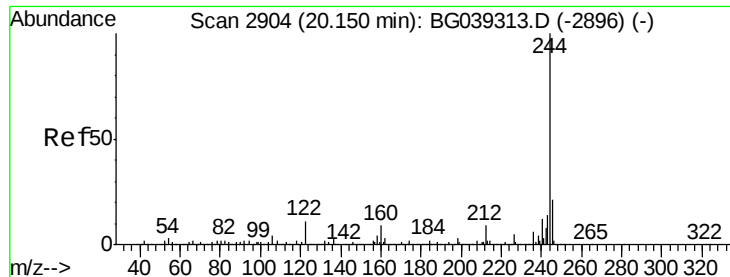
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 71.666 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampled :

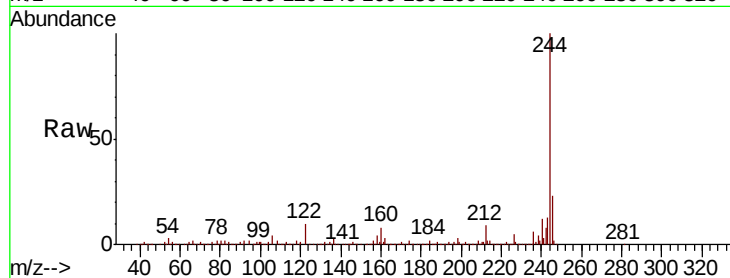
Tot Ion:244 Resp: 1468684

Ion Ratio Lower Upper

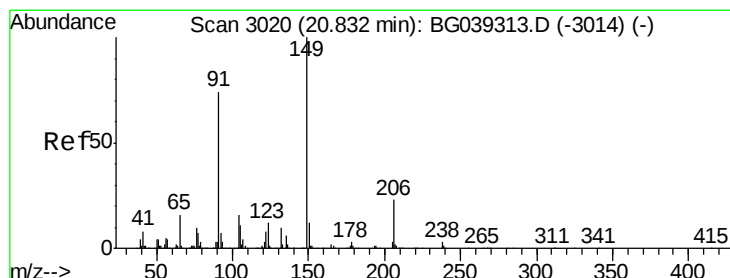
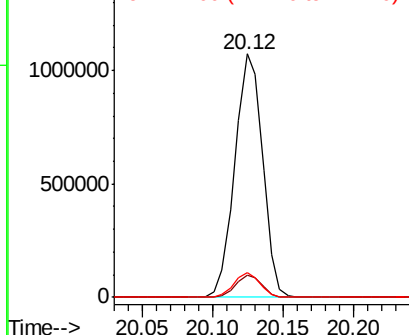
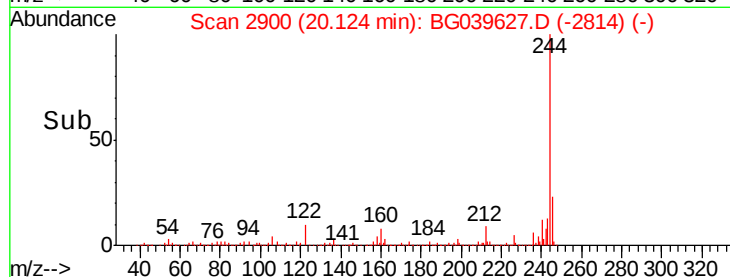
244 100

212 9.3 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: 45.533 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

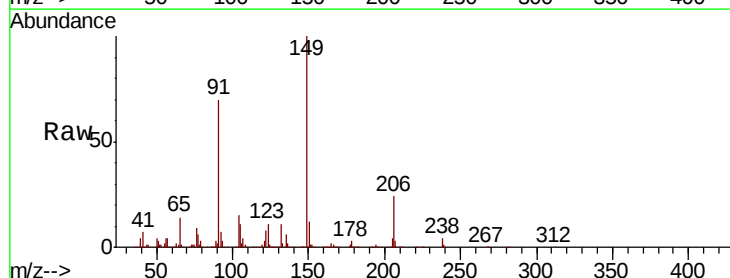
Tgt Ion:149 Resp: 518683

Ion Ratio Lower Upper

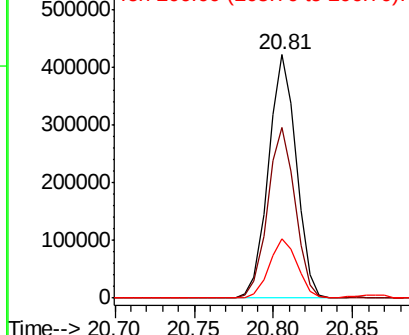
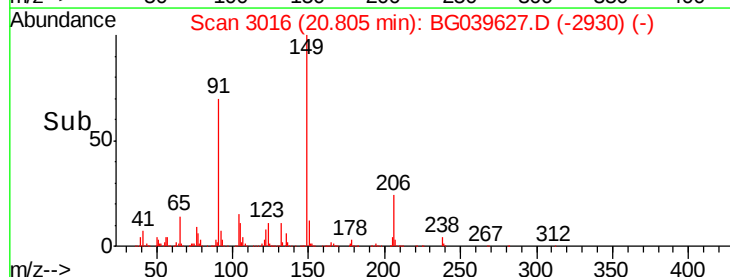
149 100

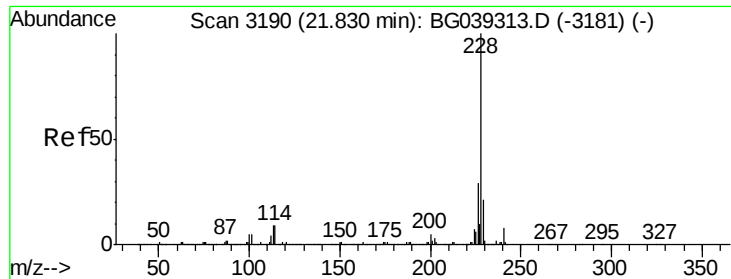
91 70.2 59.5 89.3

206 24.4 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

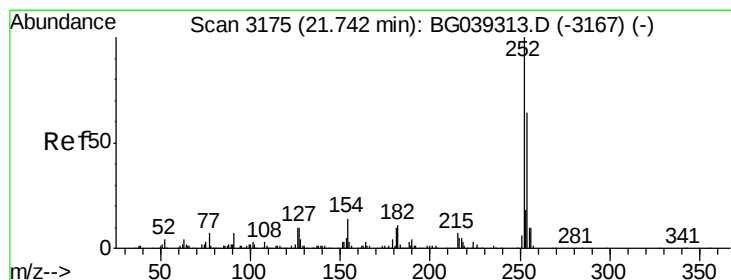
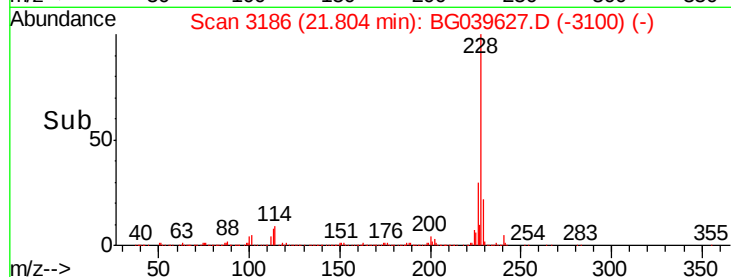
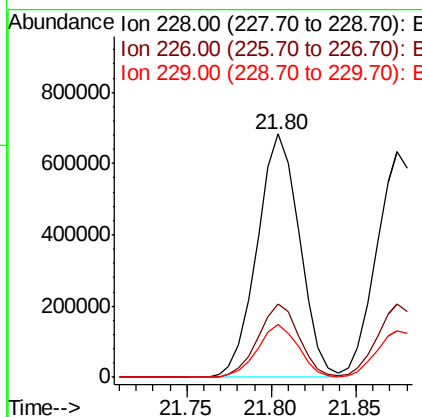
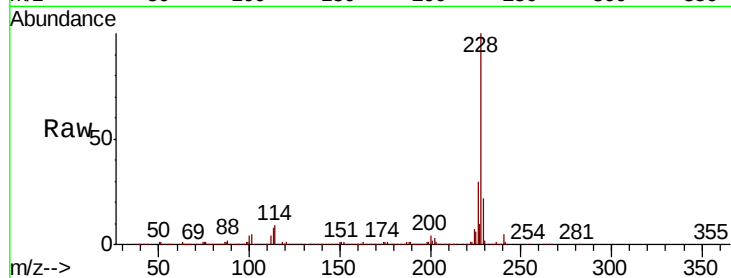




#81
Benzo(a)anthracene
Concen: 46.372 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

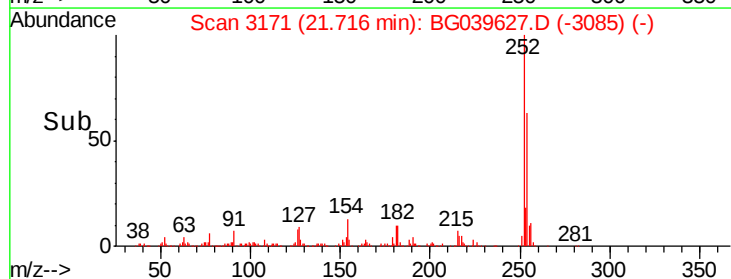
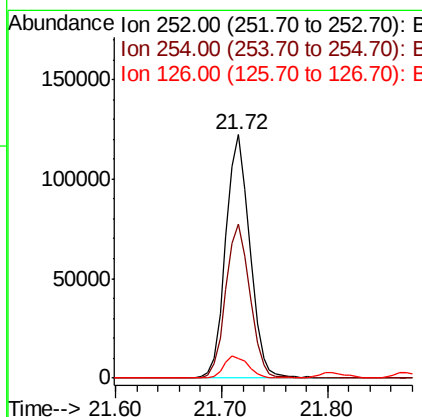
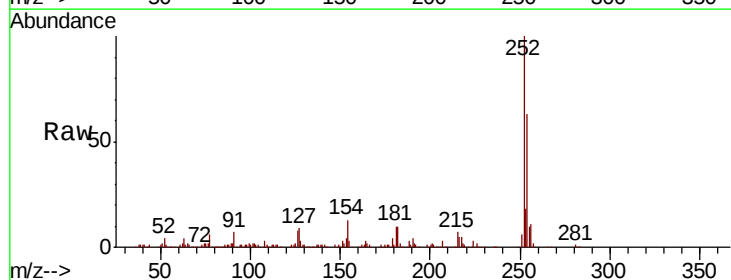
Instrument :
BNA_G
ClientSampled :

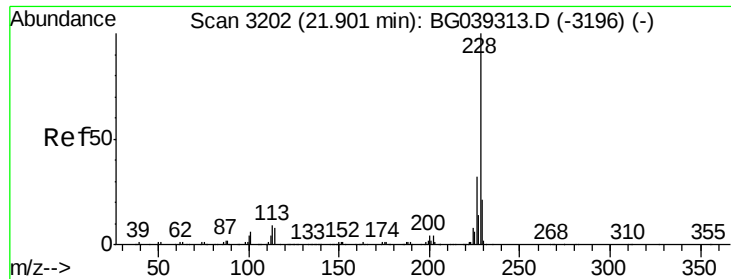
Tot Ion:228 Resp: 1188604
Ion Ratio Lower Upper
228 100
226 30.0 23.0 34.6
229 21.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 20.313 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:252 Resp: 193056
Ion Ratio Lower Upper
252 100
254 63.1 51.3 76.9
126 8.3 8.0 12.0





#83

Chrysene

Concen: 45.639 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

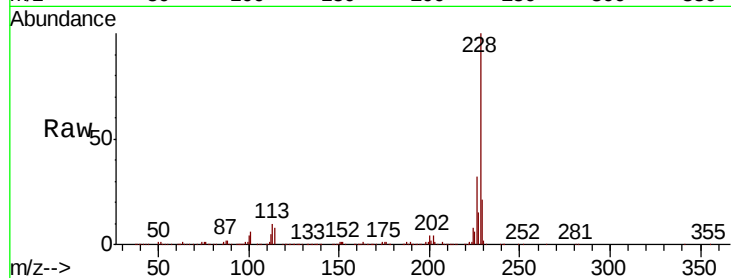
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1113586

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	20.9	16.6	25.0

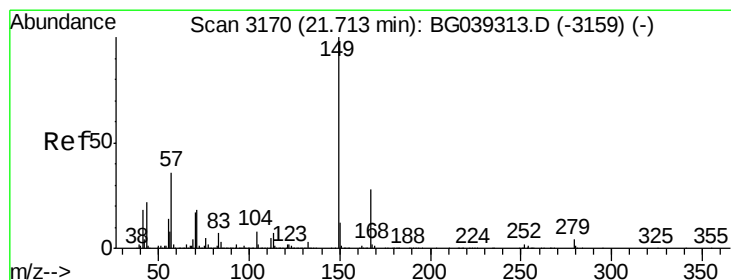
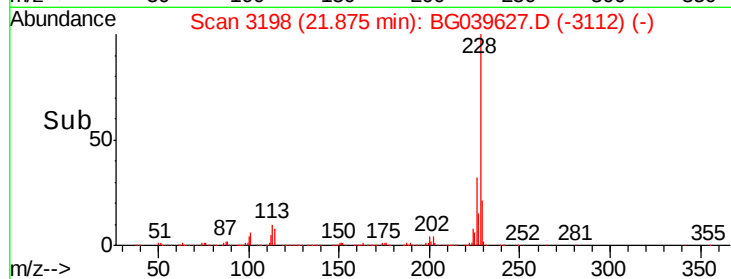
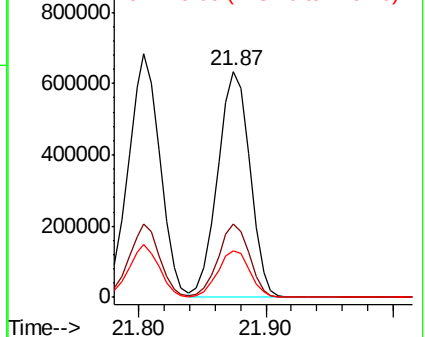


Abundance

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: 44.380 ng

RT: 21.67 min Scan# 3163

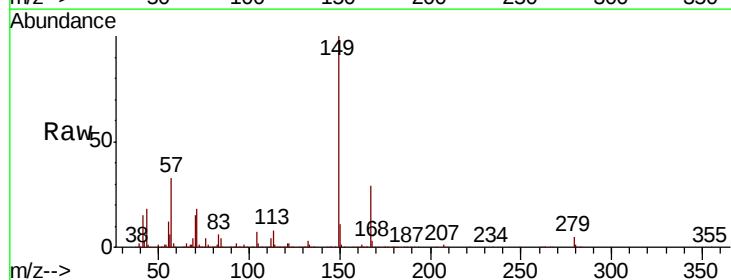
Delta R.T. -0.04 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:149 Resp: 721233

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.6	34.0
279	5.0	3.5	5.3

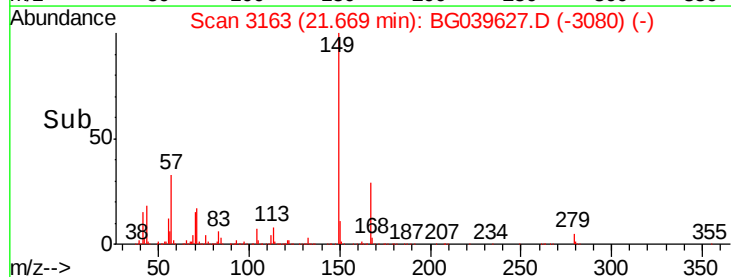
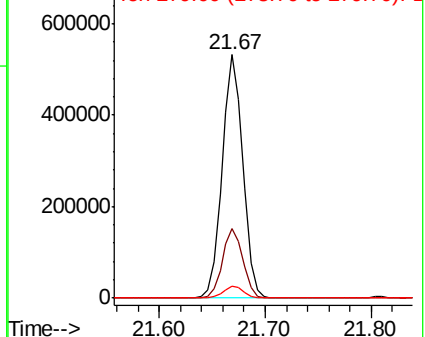


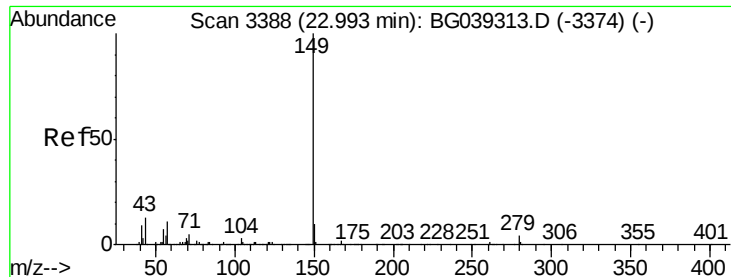
Abundance

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: 45.138 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

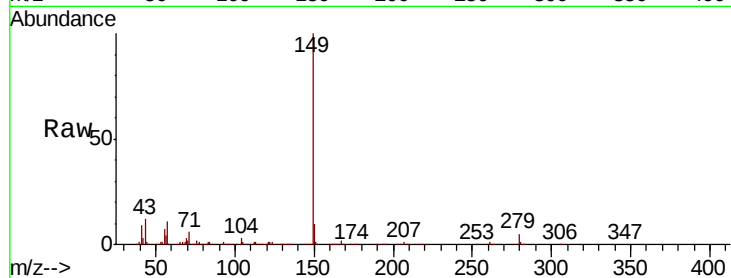
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1211911

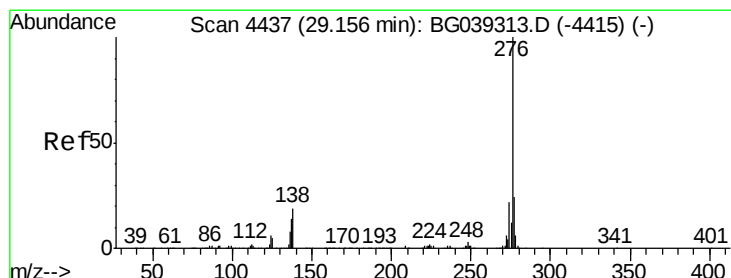
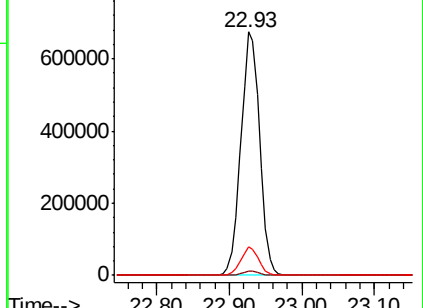
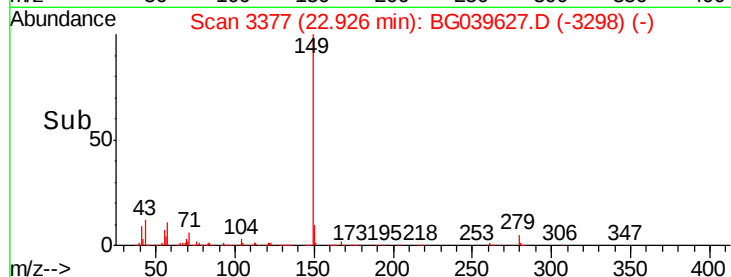
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	10.2	15.4



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: 52.016 ng

RT: 29.09 min Scan# 4426

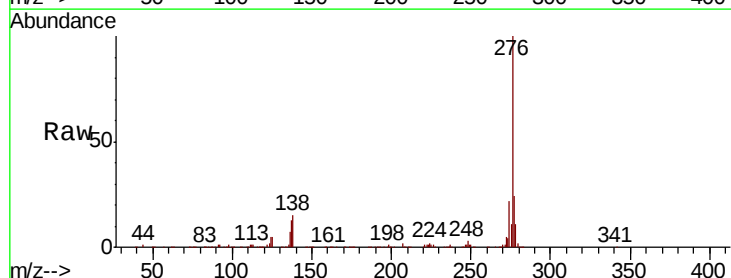
Delta R.T. -0.07 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Tgt Ion:276 Resp: 1361746

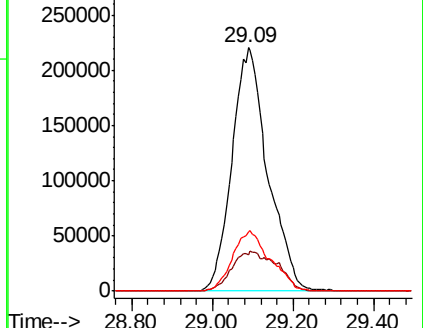
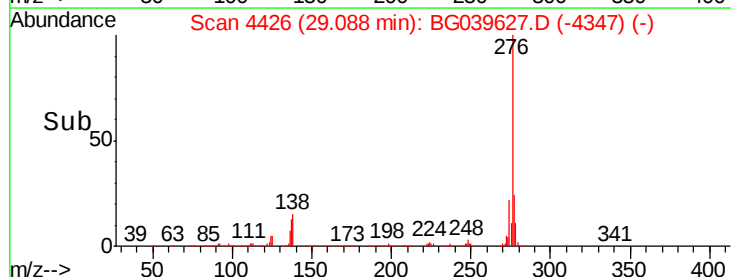
Ion	Ratio	Lower	Upper
276	100		
138	12.9	12.6	19.0
277	26.1	20.8	31.2

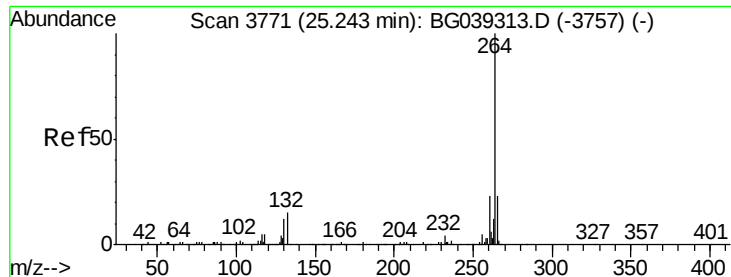


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



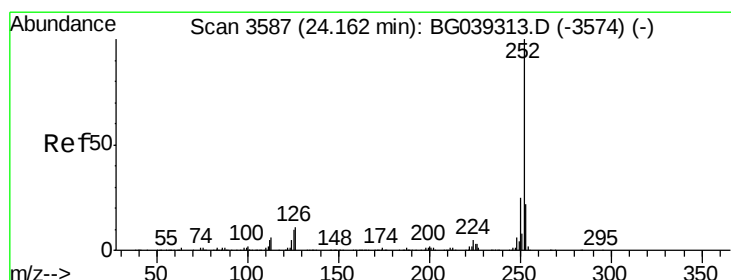
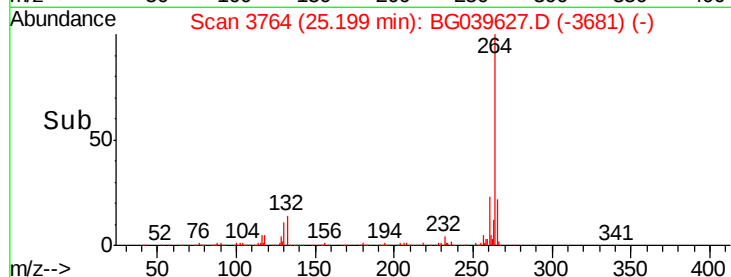
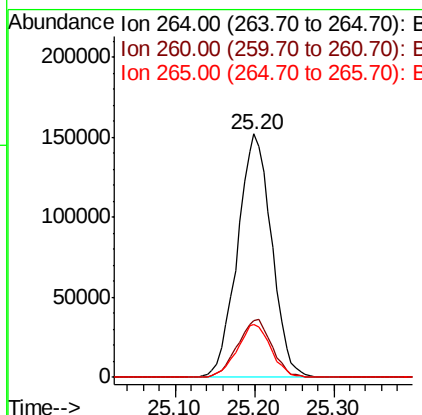
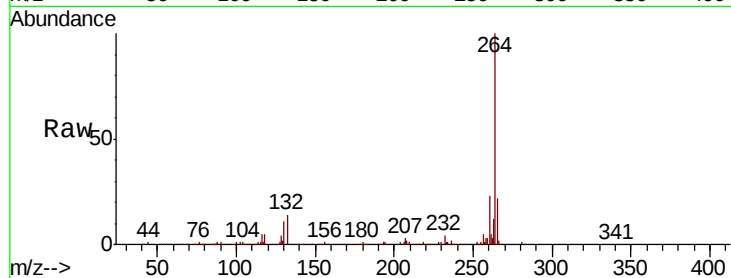


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 453427

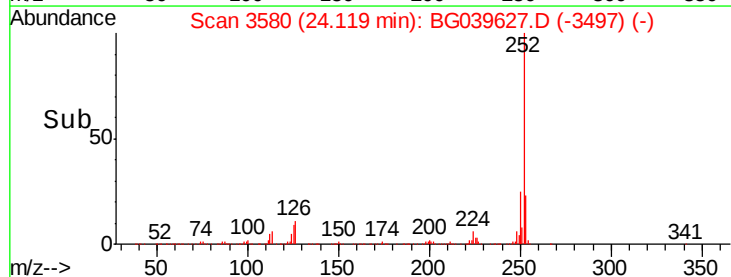
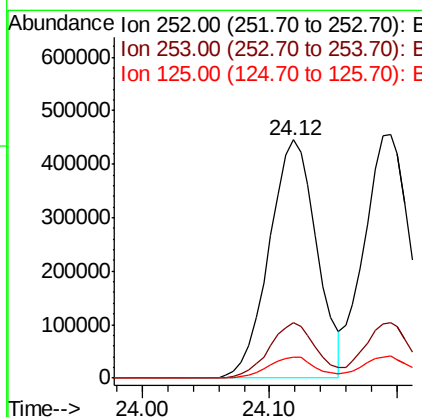
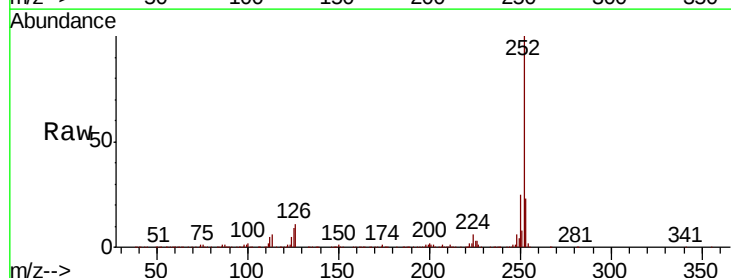
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.7	18.5	27.7

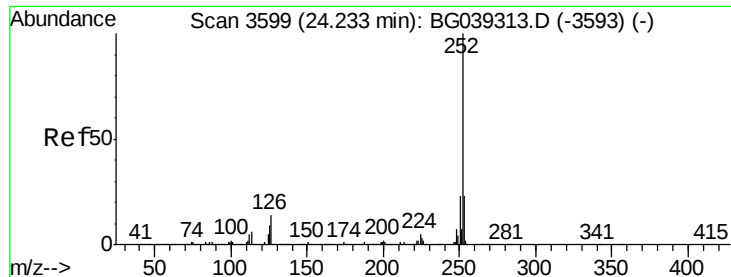


#88
Benzo(b)fluoranthene
Concen: 47.016 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:252 Resp: 1162605

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.7	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 46.032 ng

RT: 24.19 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

Instrument :

BNA_G

ClientSampleId :

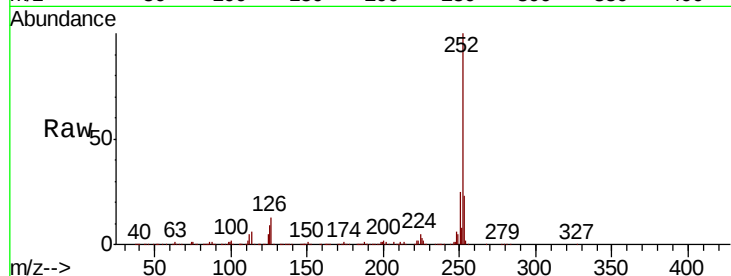
Tot Ion:252 Resp: 1142815

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

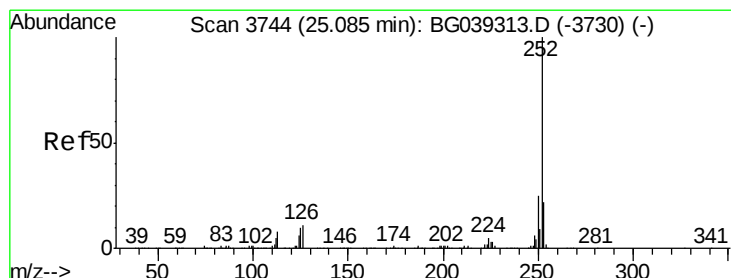
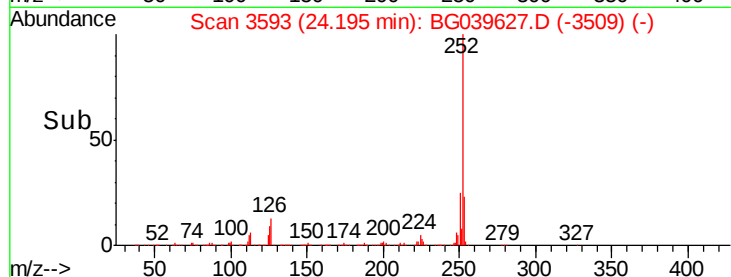
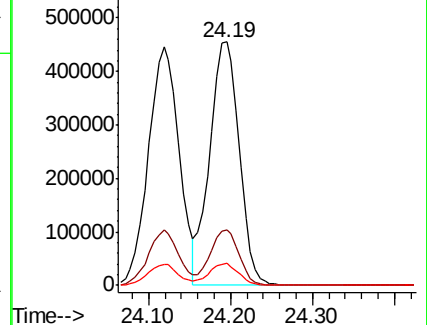
125 9.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.508 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039627.D

Acq: 27 Feb 2019 9:15

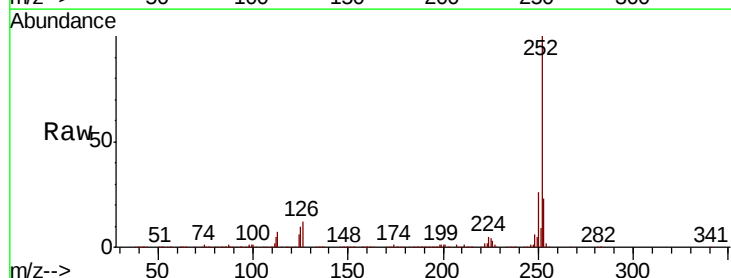
Tgt Ion:252 Resp: 1155218

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

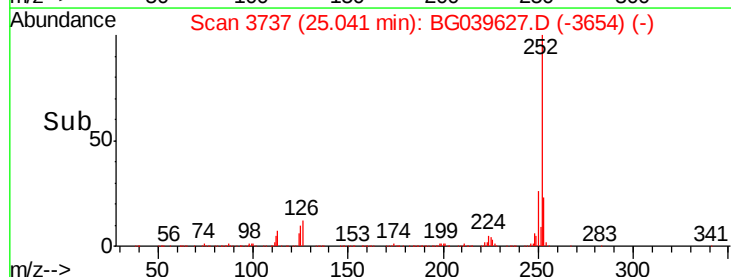
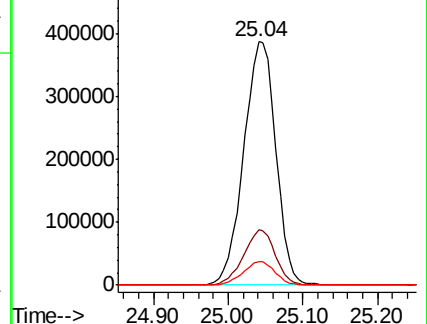
125 9.6 8.3 12.5

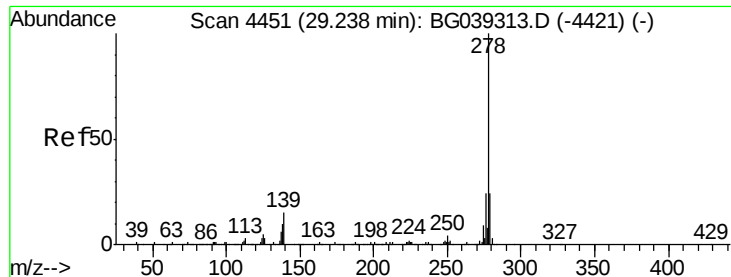


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

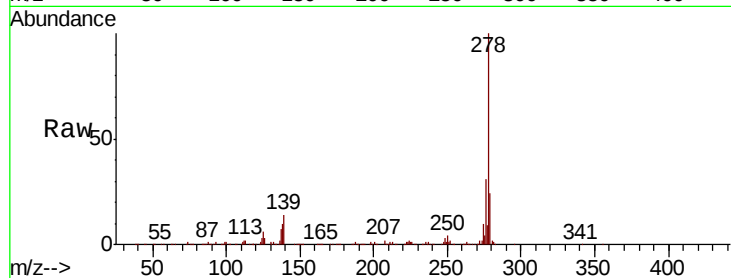




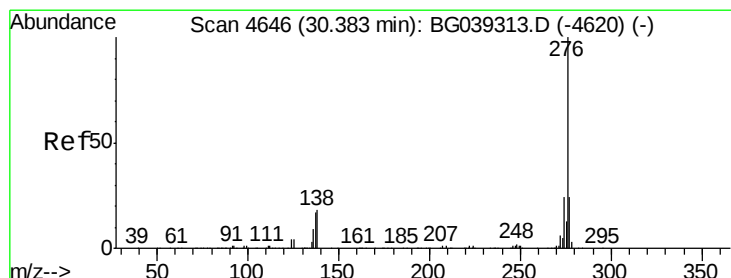
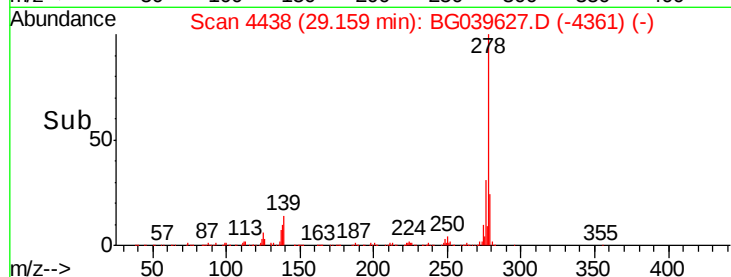
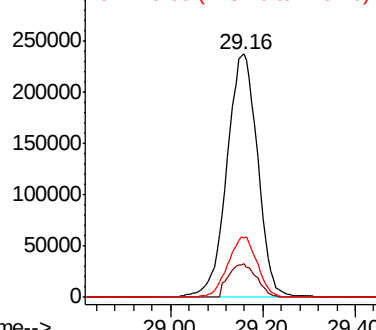
#91
Dibenzo(a,h)anthracene
Concen: 49.205 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1097385
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 24.4 19.1 28.7

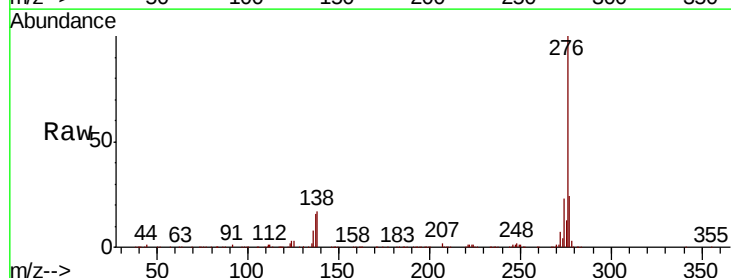


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.413 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039627.D
Acq: 27 Feb 2019 9:15

Tgt Ion:276 Resp: 1120652
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 17.4 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

