

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040167.D
 Acq On : 27 Mar 2019 4:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 13:43:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52965	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	240085	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	160324	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	376551	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	368748	20.00	ng	-0.03
87) Perylene-d12	25.15	264	376370	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	247031	79.57	ng	-0.02
7) Phenol-d6	7.29	99	378288	81.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	371969	83.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	160291	85.78	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	871965	77.44	ng	-0.03
79) Terphenyl-d14	20.11	244	1297976	77.50	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	50359	35.135	ng	95
3) Pyridine	3.99	79	146289	38.124	ng	95
4) n-Nitrosodimethylamine	3.90	42	76077	41.792	ng	90
6) Aniline	7.47	93	236563	39.006	ng	98
8) 2-Chlorophenol	7.70	128	149617	39.723	ng	98
9) Benzaldehyde	7.28	77	117867	39.472	ng	99
10) Phenol	7.32	94	201650	40.210	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	155160	39.683	ng	97
12) 1,3-Dichlorobenzene	8.03	146	169698	39.837	ng	99
13) 1,4-Dichlorobenzene	8.18	146	169979	39.175	ng	98
14) 1,2-Dichlorobenzene	8.50	146	162641	38.796	ng	99
15) Benzyl Alcohol	8.38	79	153925	41.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	296790	37.953	ng	99
17) 2-Methylphenol	8.57	107	131195	41.028	ng	97
18) Hexachloroethane	9.22	117	61984	39.813	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	127815	38.360	ng	92
20) 3+4-Methylphenols	8.91	107	181272	40.806	ng	99
22) Acetophenone	8.97	105	249679	38.747	ng	94
24) Nitrobenzene	9.36	77	191723	41.169	ng	98
25) Isophorone	9.88	82	363024	39.029	ng	98
26) 2-Nitrophenol	10.07	139	99069	44.061	ng	# 93
27) 2,4-Dimethylphenol	10.11	122	142101	40.636	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	215935	38.202	ng	96
29) 2,4-Dichlorophenol	10.60	162	168595	42.821	ng	97
30) 1,2,4-Trichlorobenzene	10.81	180	178977	40.398	ng	99
31) Naphthalene	11.01	128	499992	39.334	ng	99
32) Benzoic acid	10.27	122	86302	37.601	ng	96
33) 4-Chloroaniline	11.12	127	219792	40.776	ng	97
34) Hexachlorobutadiene	11.27	225	126401	41.751	ng	94
35) Caprolactam	11.93	113	57384	38.154	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	184986	40.987	ng	98
37) 2-Methylnaphthalene	12.60	142	369665	38.898	ng	100
38) 1-Methylnaphthalene	12.82	142	362277	39.226	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	223796	41.204	ng	100

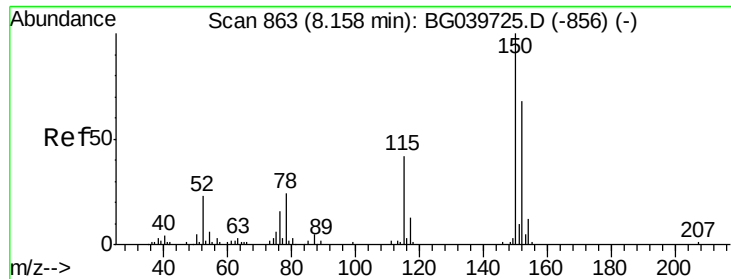
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040167.D
 Acq On : 27 Mar 2019 4:21
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 13:43:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	127871	43.931	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	138980	43.707	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	149266	41.645	ng	99
46) 1,1'-Biphenyl	13.60	154	522560	39.629	ng	99
47) 2-Chloronaphthalene	13.65	162	394240	39.742	ng	99
48) 2-Nitroaniline	13.86	65	132768	41.646	ng	93
49) Acenaphthylene	14.50	152	636615	39.093	ng	99
50) Dimethylphthalate	14.22	163	512086	38.198	ng	100
51) 2,6-Dinitrotoluene	14.35	165	115530	40.650	ng	97
52) Acenaphthene	14.83	154	384486	39.228	ng	100
53) 3-Nitroaniline	14.68	138	117102	40.990	ng	# 95
54) 2,4-Dinitrophenol	14.88	184	60413	36.749	ng	99
55) Dibenzofuran	15.17	168	621657	38.658	ng	98
56) 4-Nitrophenol	14.98	139	102923	40.273	ng	92
57) 2,4-Dinitrotoluene	15.13	165	164827	41.275	ng	87
58) Fluorene	15.81	166	486241	38.463	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	142693	40.764	ng	97
60) Diethylphthalate	15.57	149	512231	38.597	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	263441	39.051	ng	98
62) 4-Nitroaniline	15.85	138	122765	39.638	ng	99
63) Azobenzene	16.09	77	460174	38.252	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	91123	40.928	ng	97
66) n-Nitrosodiphenylamine	16.02	169	446841	40.990	ng	96
67) 4-Bromophenyl-phenylether	16.69	248	175940	41.743	ng	94
68) Hexachlorobenzene	16.80	284	183125	41.915	ng	95
69) Atrazine	16.95	200	143127	33.360	ng	99
70) Pentachlorophenol	17.15	266	109104	39.541	ng	100
71) Phenanthrene	17.56	178	796301	38.393	ng	99
72) Anthracene	17.64	178	793721	39.270	ng	99
73) Carbazole	17.92	167	709474	38.937	ng	100
74) Di-n-butylphthalate	18.44	149	850139	39.655	ng	100
75) Fluoranthene	19.55	202	934949	38.142	ng	99
77) Benzidine	19.74	184	363683	31.080	ng	99
78) Pyrene	19.92	202	933431	38.956	ng	99
80) Butylbenzylphthalate	20.78	149	388756	41.877	ng	95
81) Benzo(a)anthracene	21.78	228	910126	39.382	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	334000	39.585	ng	99
83) Chrysene	21.85	228	877162	39.150	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	540761	41.453	ng	# 97
85) Di-n-octyl phthalate	22.88	149	911977	42.221	ng	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	1013376	39.869	ng	# 92
88) Benzo(b)fluoranthene	24.08	252	883964	39.386	ng	98
89) Benzo(k)fluoranthene	24.15	252	827193	39.594	ng	98
90) Benzo(a)pyrene	25.00	252	855135	41.233	ng	# 98
91) Dibenzo(a,h)anthracene	29.08	278	800665	39.380	ng	97
92) Benzo(g,h,i)perylene	30.24	276	820756	40.194	ng	97

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

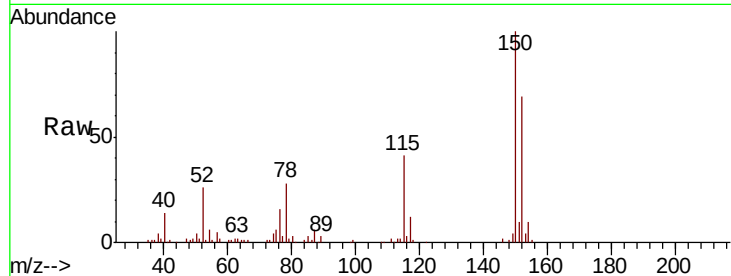


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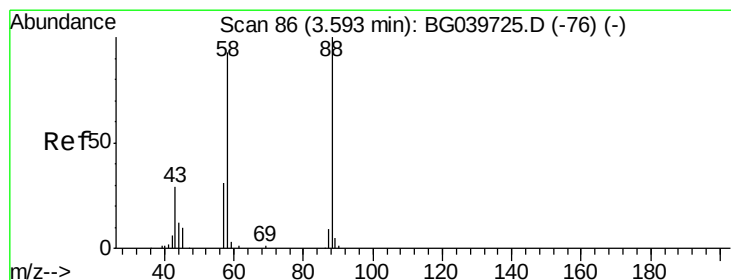
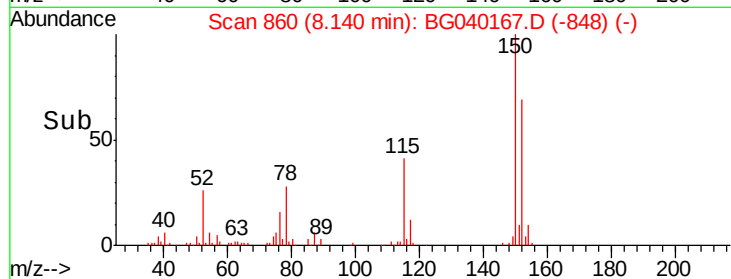
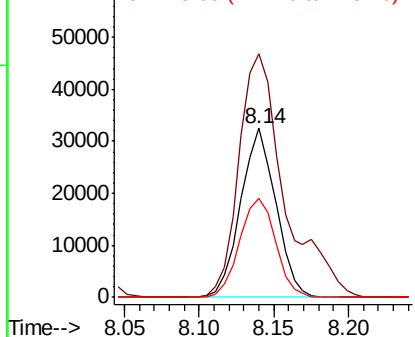
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52965
Ion Ratio Lower Upper
152 100
150 144.0 123.7 185.5
115 58.8 45.9 68.9



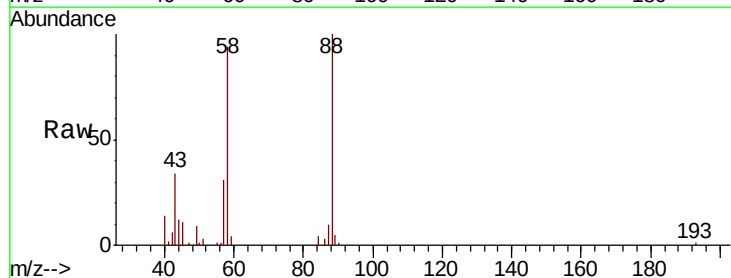
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



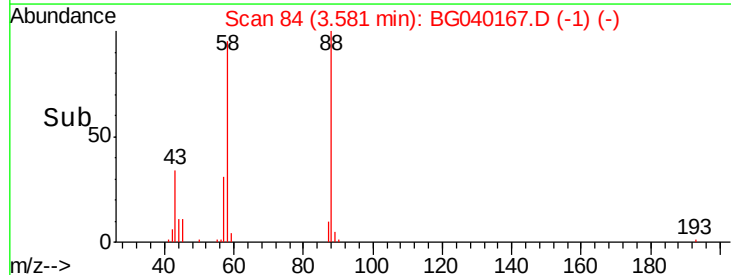
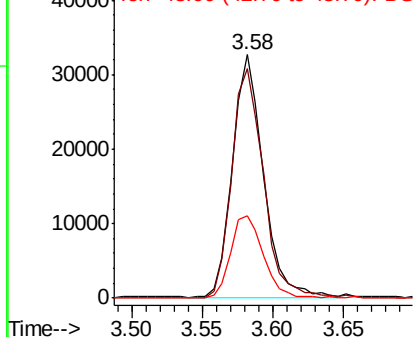
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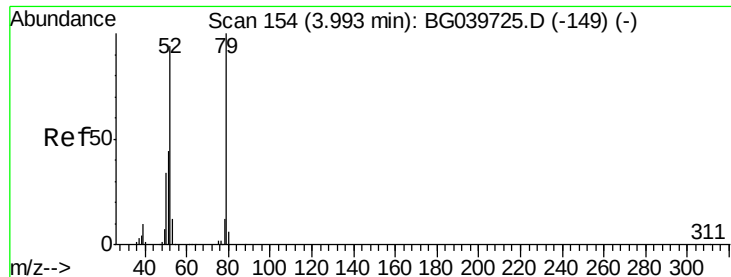
1,4-Dioxane
Concen: 35.135 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion: 88 Resp: 50359
Ion Ratio Lower Upper
88 100
58 96.2 81.1 121.7
43 35.4 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: 38.124 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

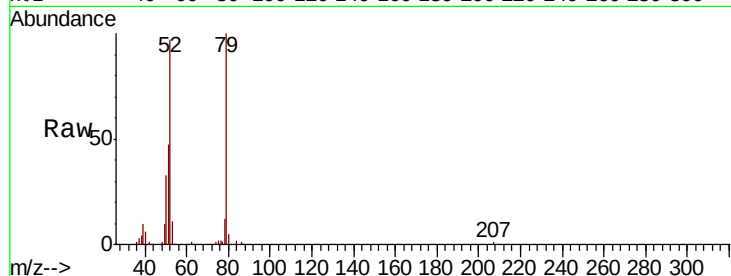
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 146289

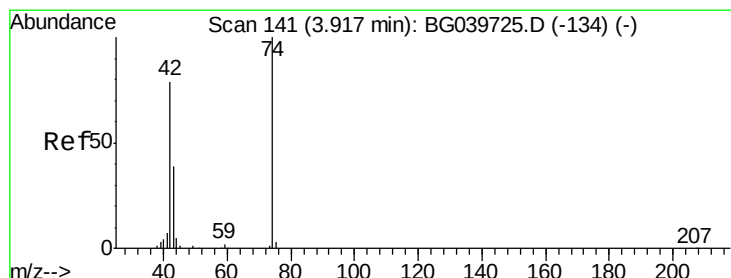
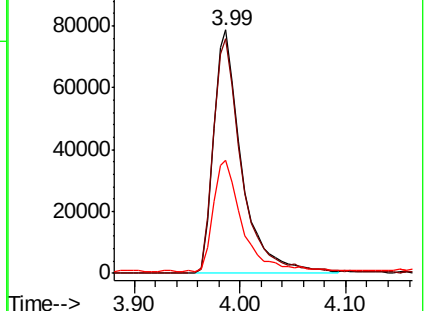
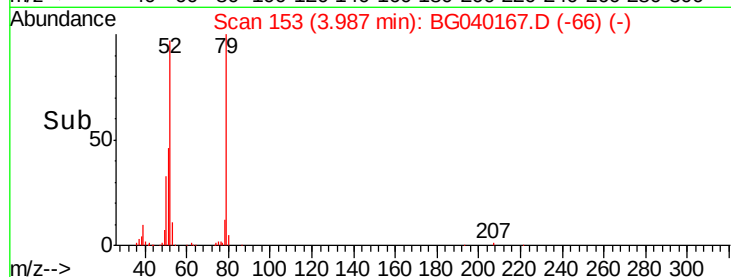
Ion	Ratio	Lower	Upper
79	100		
52	96.5	82.6	124.0
51	46.6	37.5	56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.792 ng

RT: 3.90 min Scan# 139

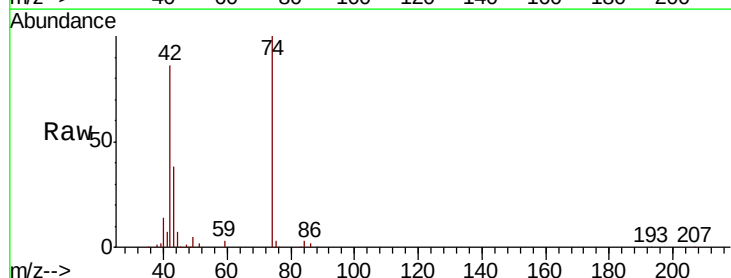
Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Tgt Ion: 42 Resp: 76077

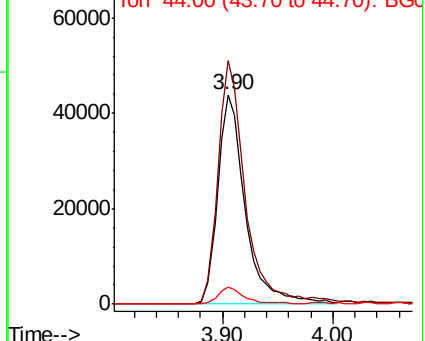
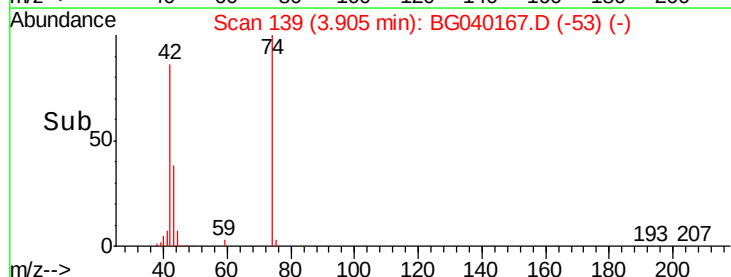
Ion	Ratio	Lower	Upper
42	100		
74	116.1	83.6	125.4
44	8.4	6.9	10.3

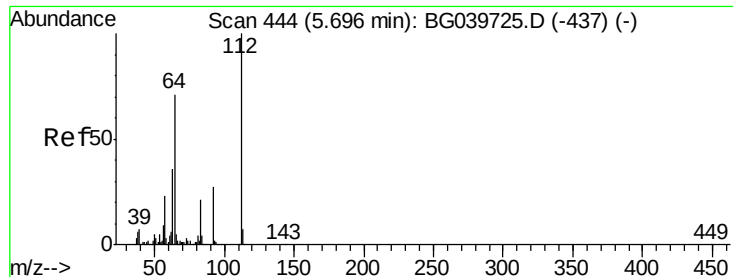


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.569 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

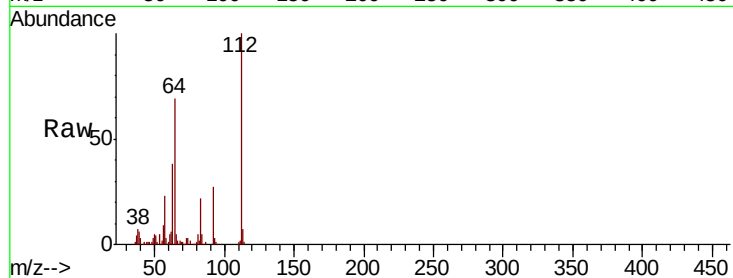
Tot Ion:112 Resp: 247031

Ion Ratio Lower Upper

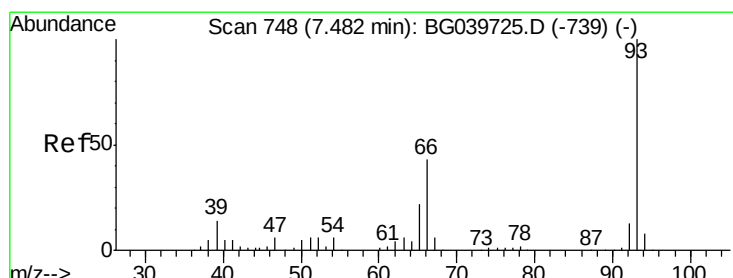
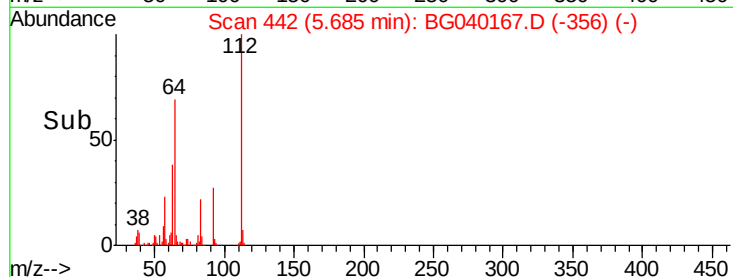
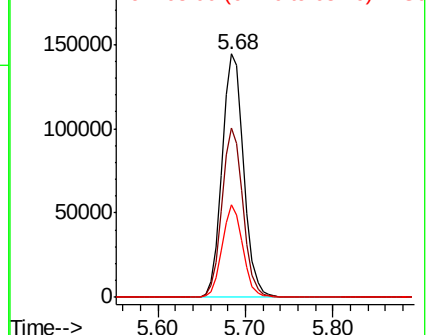
112 100

64 69.4 57.8 86.8

63 37.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.006 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

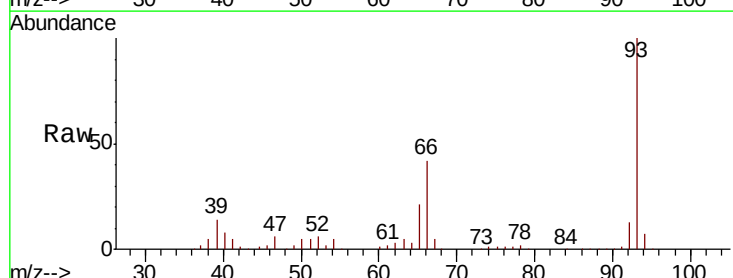
Tgt Ion: 93 Resp: 236563

Ion Ratio Lower Upper

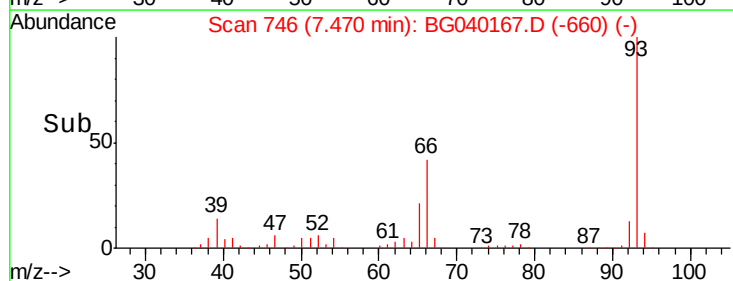
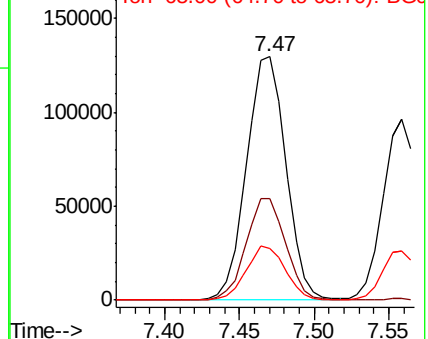
93 100

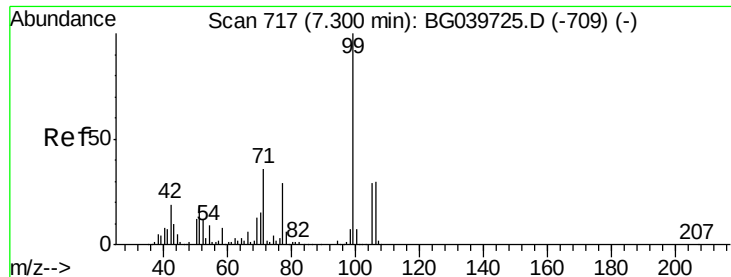
66 41.6 34.2 51.4

65 21.4 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.719 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampled :

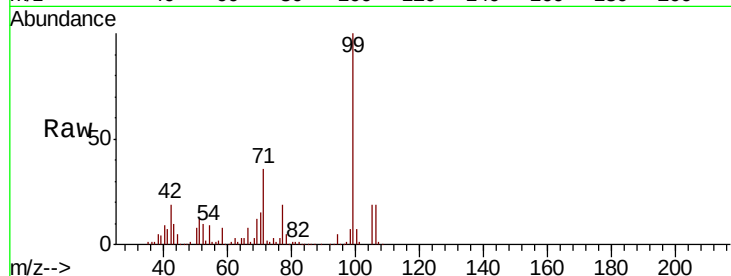
Tot Ion: 99 Resp: 378288

Ion Ratio Lower Upper

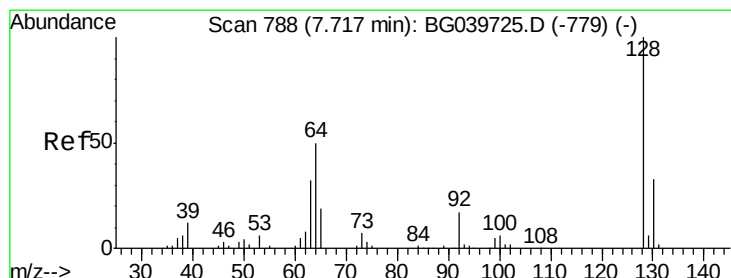
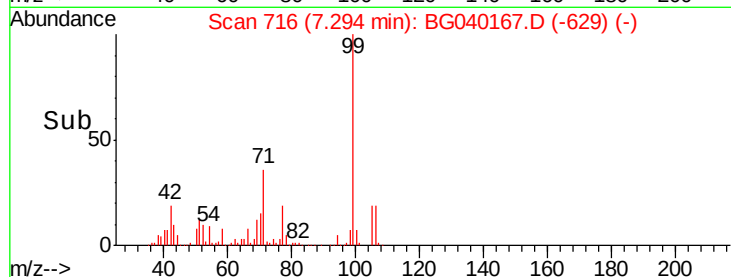
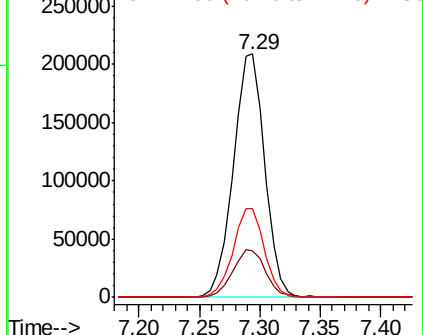
99 100

42 19.3 18.2 27.2

71 36.4 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: 39.723 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

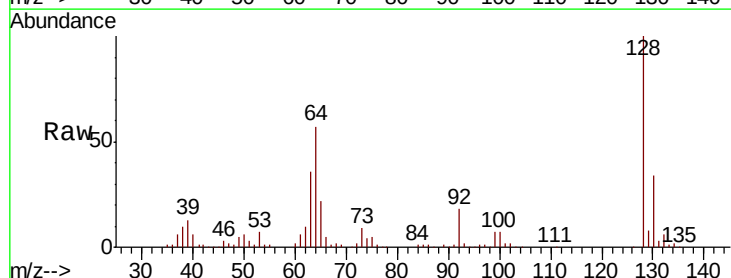
Tgt Ion: 128 Resp: 149617

Ion Ratio Lower Upper

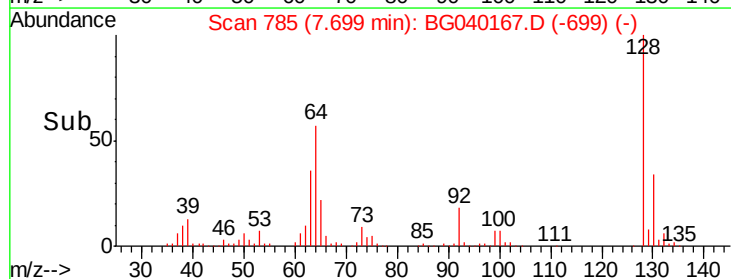
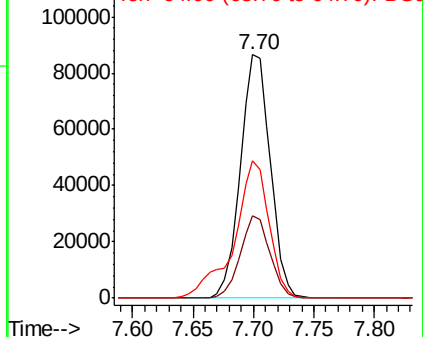
128 100

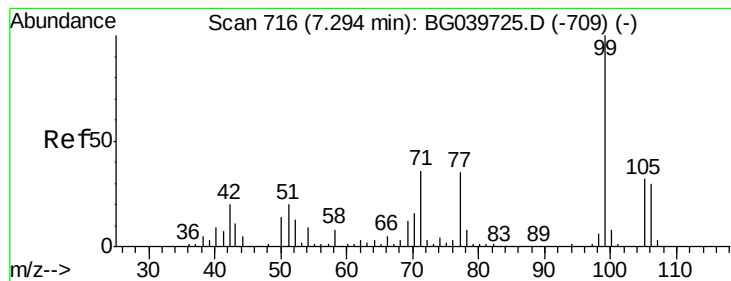
130 33.9 12.9 52.9

64 56.6 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: 39.472 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampled :

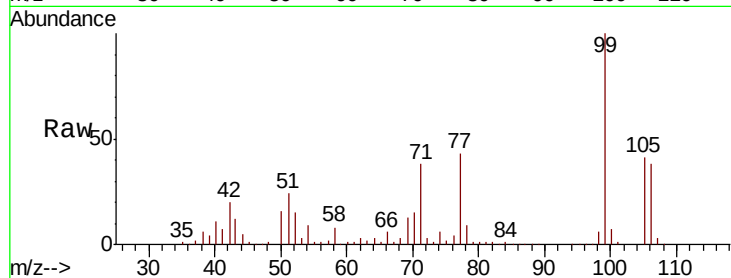
Tot Ion: 77 Resp: 117867

Ion Ratio Lower Upper

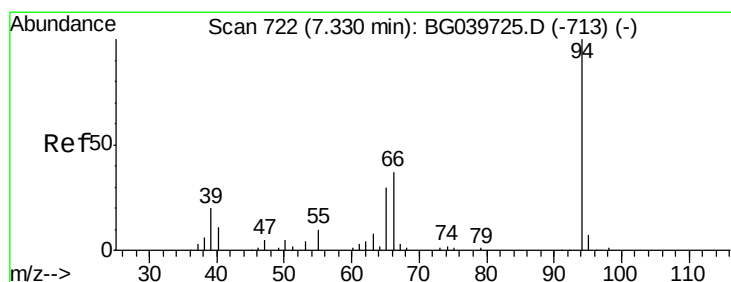
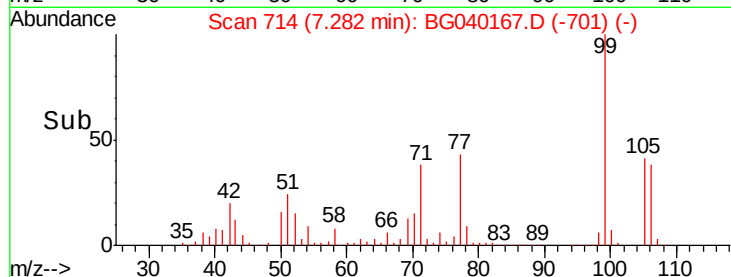
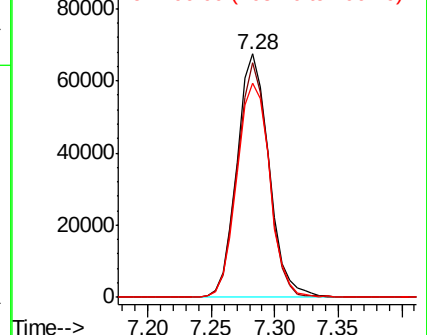
77 100

105 96.3 74.5 114.5

106 87.7 68.0 108.0



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



#10

Phenol

Concen: 40.210 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

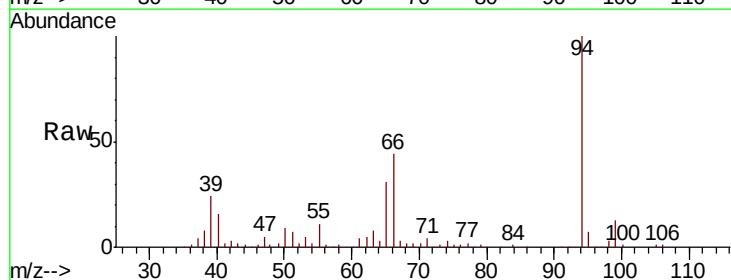
Tgt Ion: 94 Resp: 201650

Ion Ratio Lower Upper

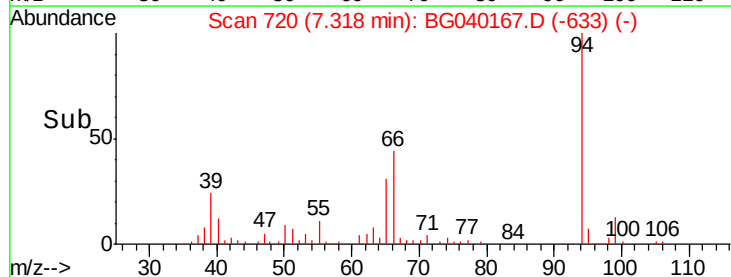
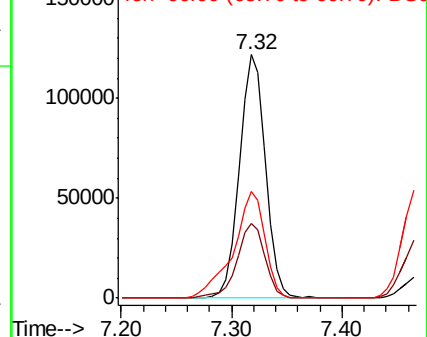
94 100

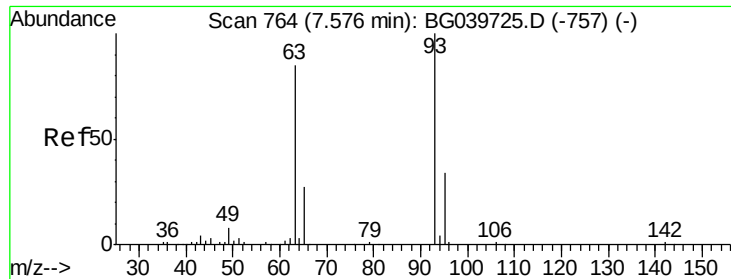
65 30.6 11.7 51.7

66 44.0 23.7 63.7



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

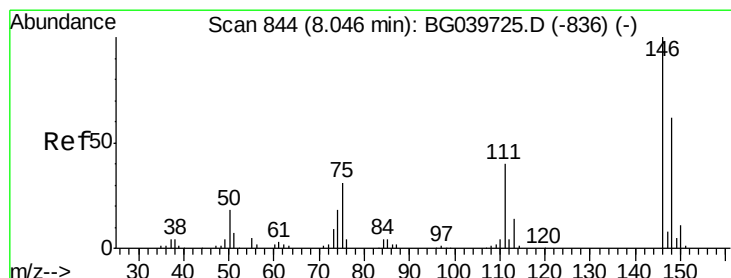
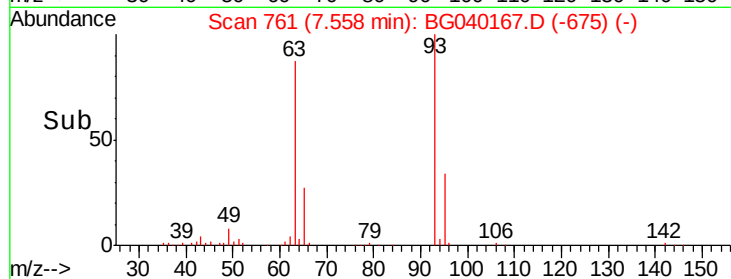
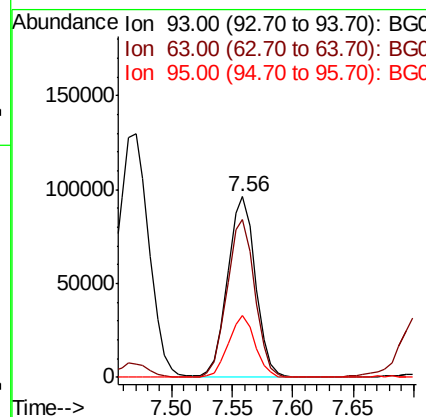
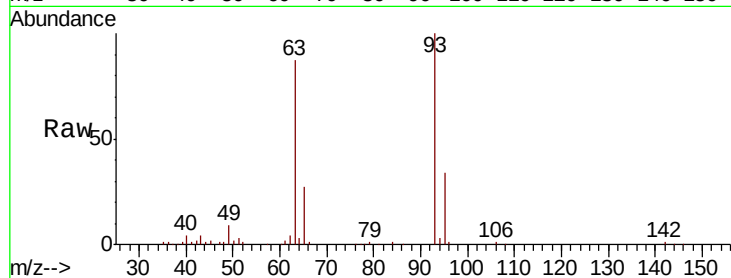




#11
bis(2-Chloroethyl)ether
Concen: 39.683 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

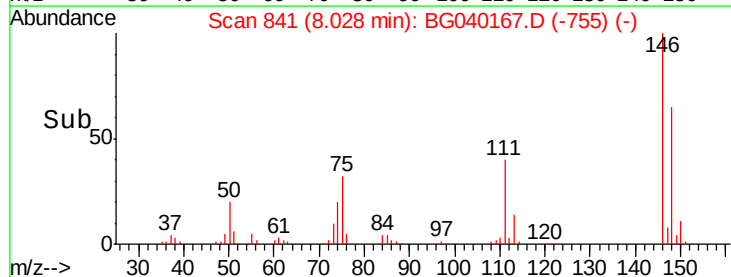
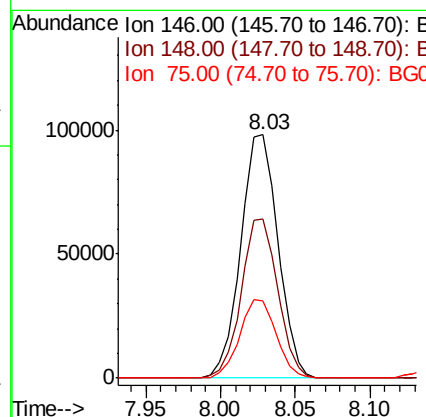
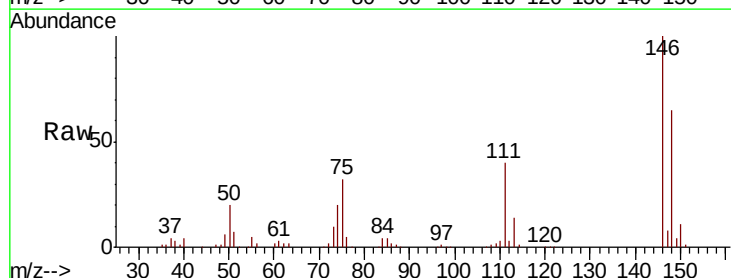
Instrument :
BNA_G
ClientSampleId :

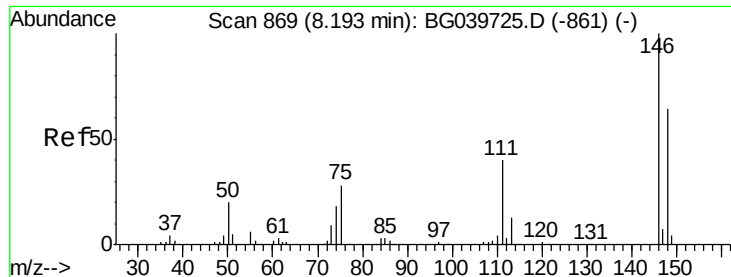
Tot Ion: 93 Resp: 155160
Ion Ratio Lower Upper
93 100
63 87.3 69.5 109.5
95 34.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.837 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion: 146 Resp: 169698
Ion Ratio Lower Upper
146 100
148 65.2 52.6 79.0
75 31.5 25.8 38.6

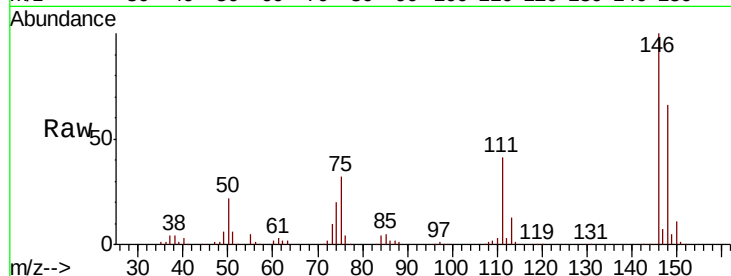




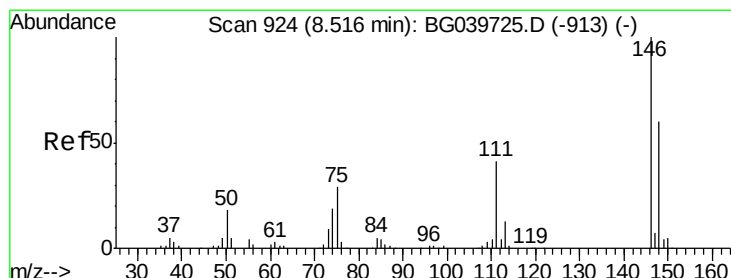
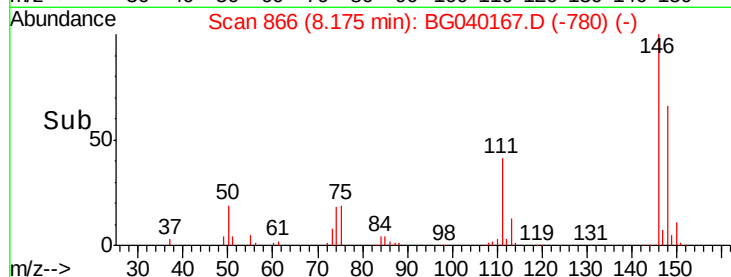
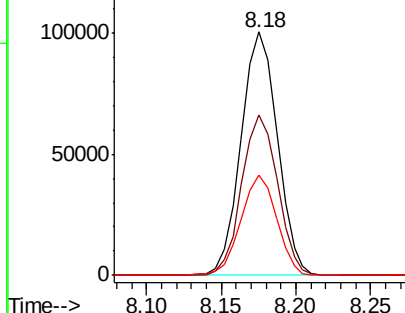
#13
 1,4-Dichlorobenzene
 Concen: 39.175 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	41.1	32.6	48.8

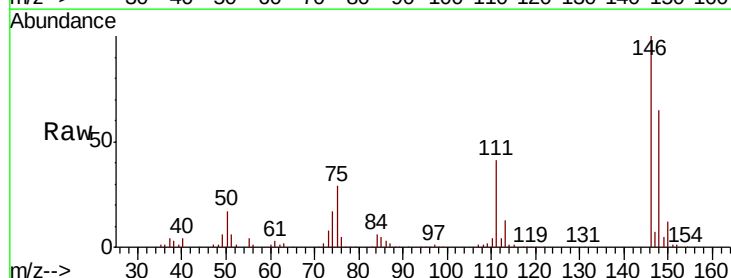


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

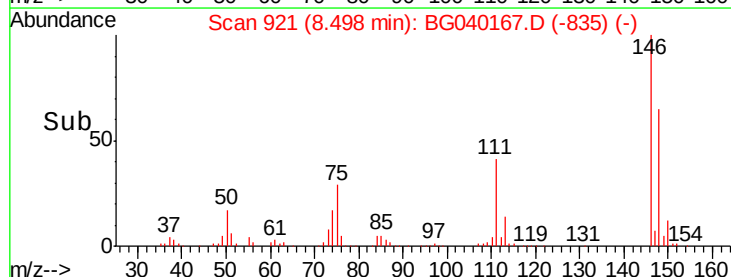
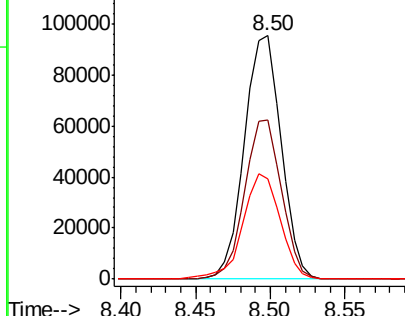


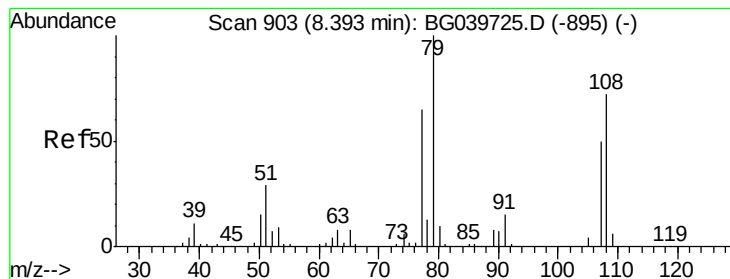
#14
 1,2-Dichlorobenzene
 Concen: 38.796 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	41.1	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: 41.918 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

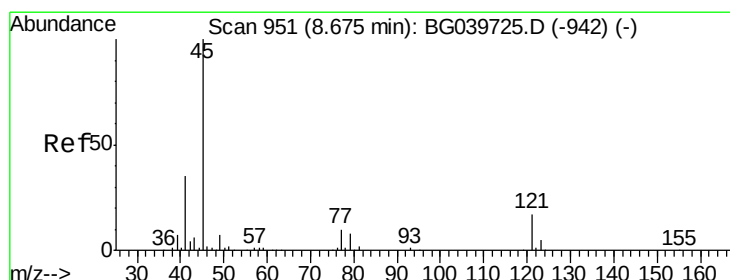
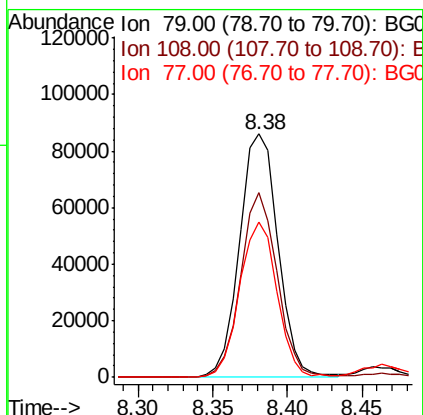
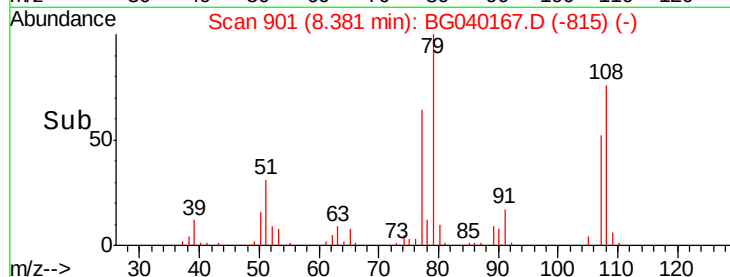
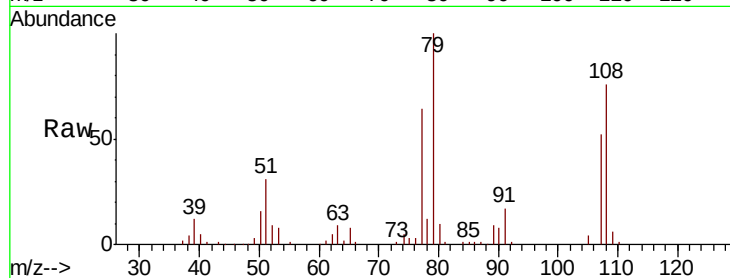
Tot Ion: 79 Resp: 153925

Ion Ratio Lower Upper

79 100

108 75.9 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.953 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

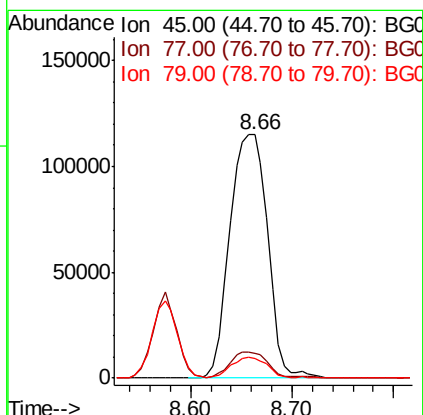
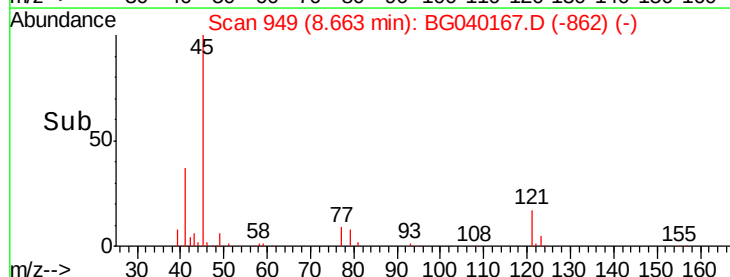
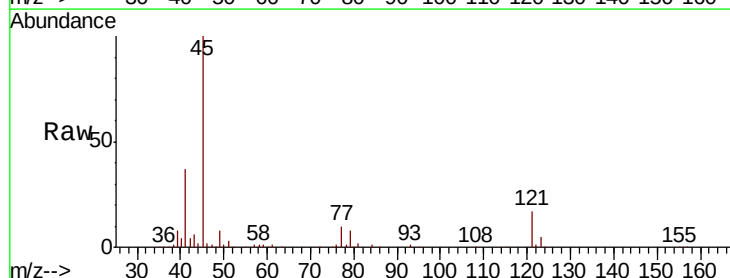
Tgt Ion: 45 Resp: 296790

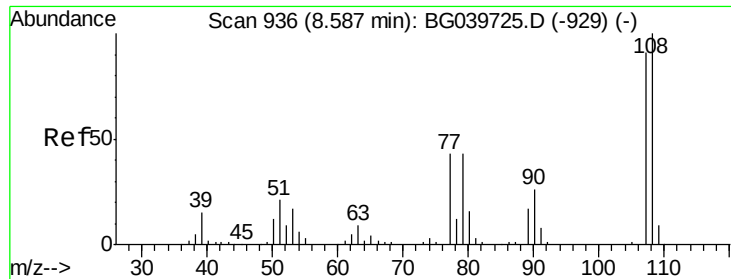
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 8.1 0.0 27.5

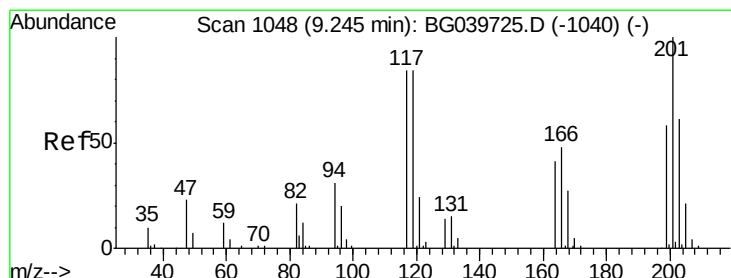
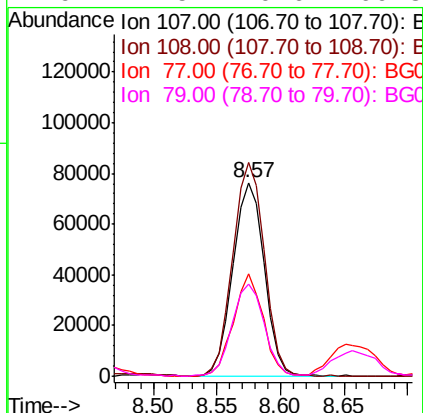
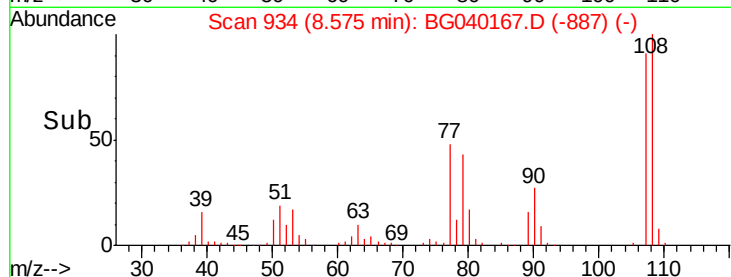
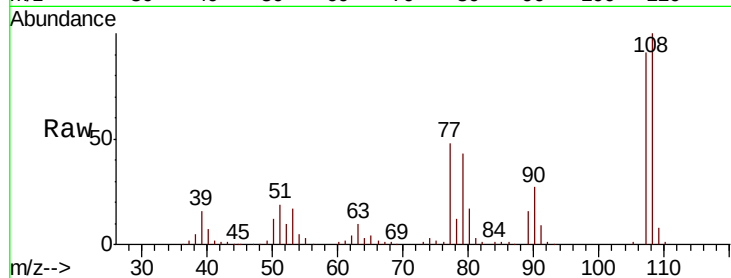




#17
2-Methylphenol
Concen: 41.028 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

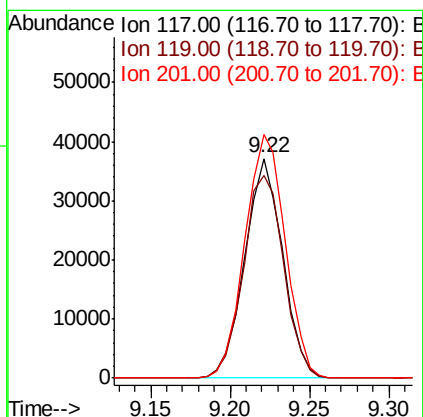
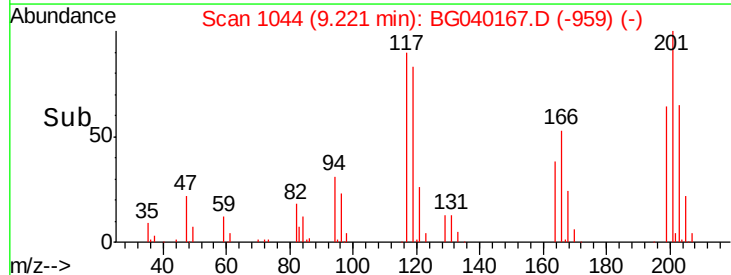
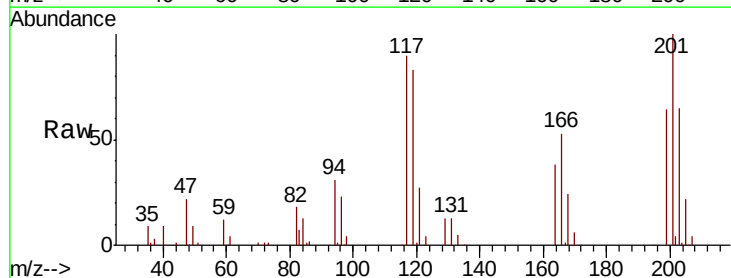
Instrument :
BNA_G
ClientSampleId :

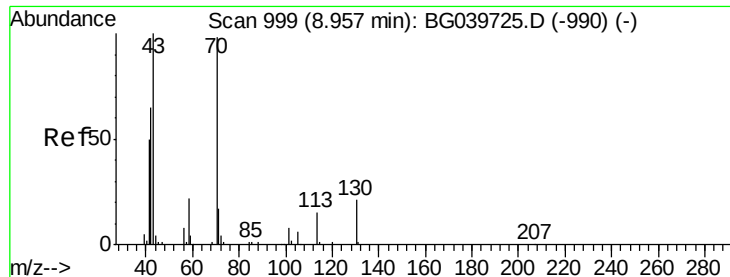
Tot Ion:	107	Resp:	131195
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.8	136.2
77	53.1	40.7	61.1
79	47.5	40.6	60.8



#18
Hexachloroethane
Concen: 39.813 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:	117	Resp:	61984
Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.3	114.5
201	110.8	91.1	136.7

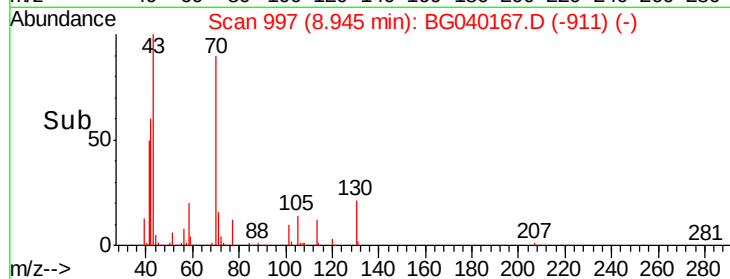
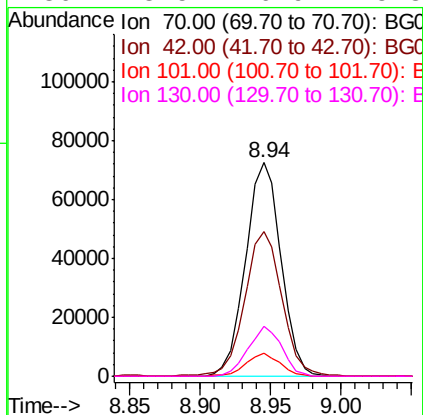
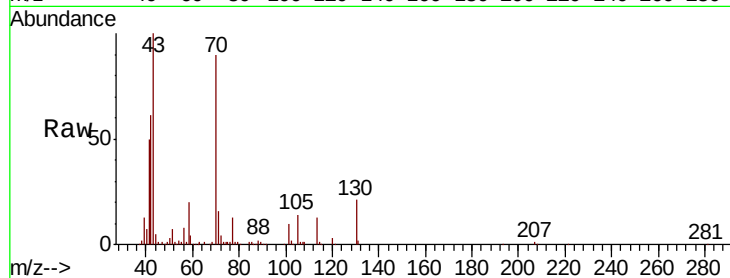




#19
n-Nitroso-di-n-propylamine
Concen: 38.360 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

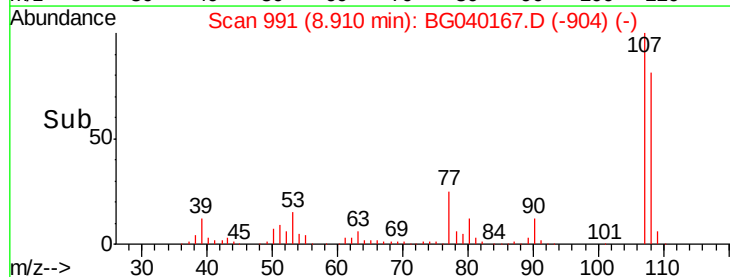
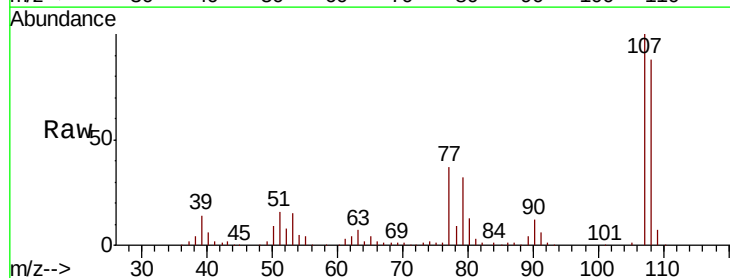
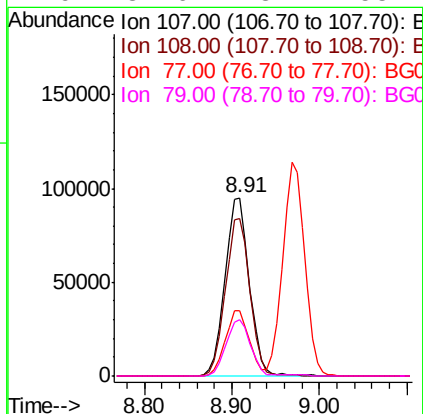
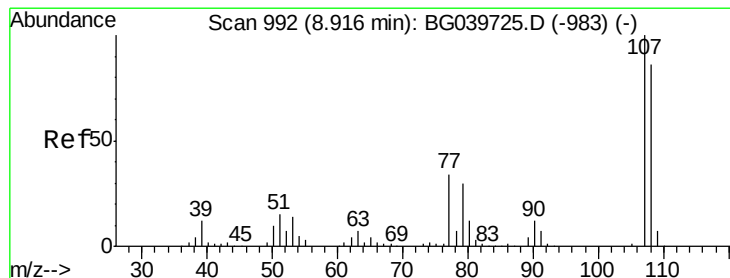
Instrument :
BNA_G
ClientSampled :

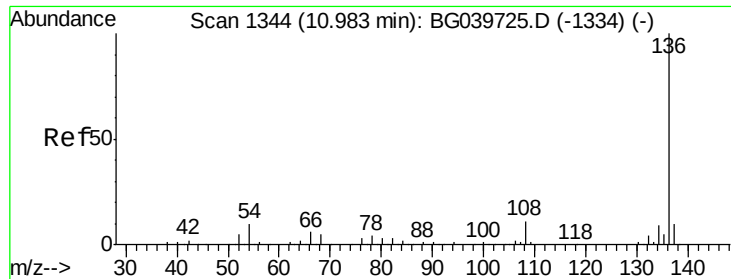
Tot Ion:	70	Resp:	127815
Ion	Ratio	Lower	Upper
70	100		
42	67.5	60.4	90.6
101	10.9	7.5	11.3
130	23.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.806 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:	107	Resp:	181272
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.9	107.9
77	36.6	15.4	55.4
79	31.6	13.7	53.7

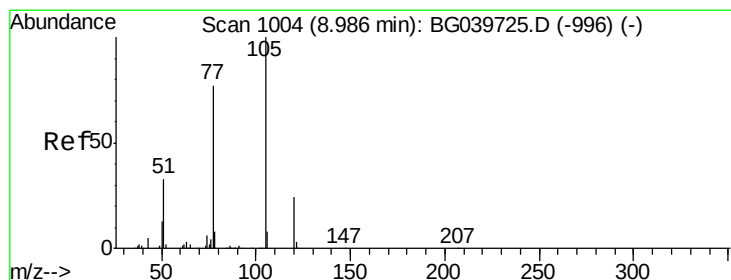
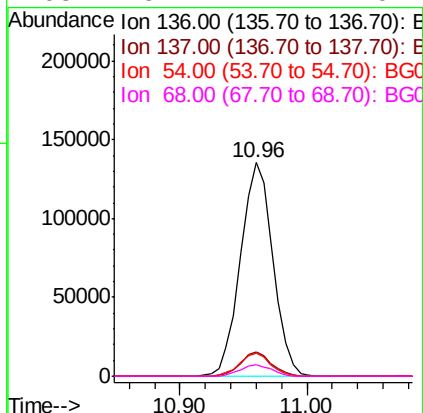
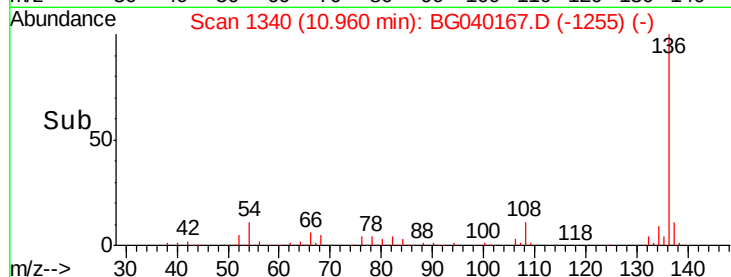
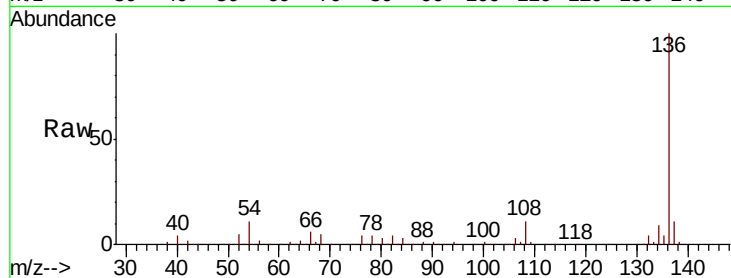




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

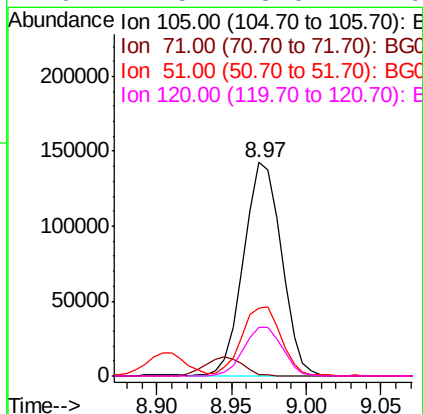
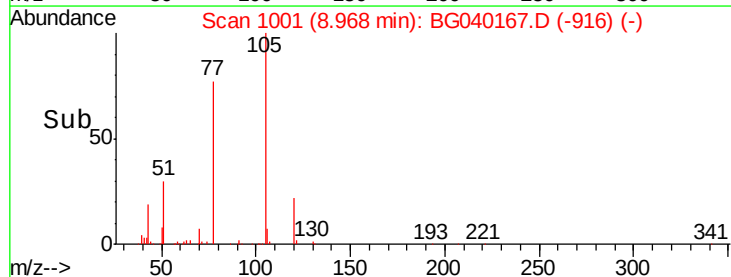
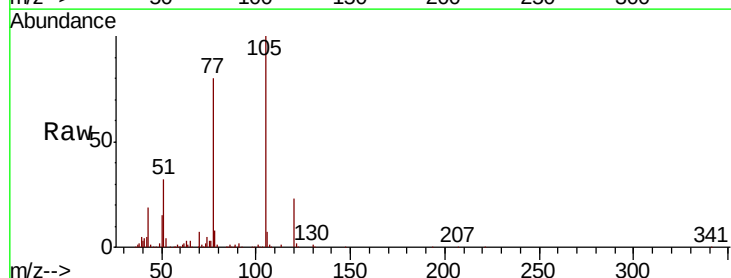
Instrument :
BNA_G
ClientSampleId :

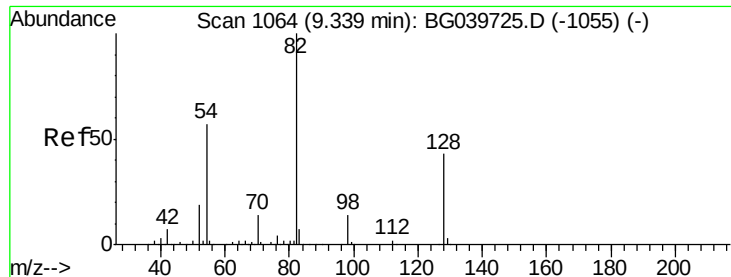
Tot Ion:136	Resp:	240085
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.6	9.4 14.2
68	5.2	4.2 6.4



#22
Acetophenone
Concen: 38.747 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:105	Resp:	249679
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.8 1.2
51	31.9	30.2 45.2
120	22.5	18.0 27.0

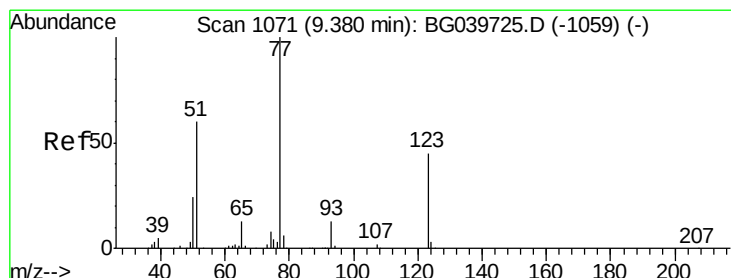
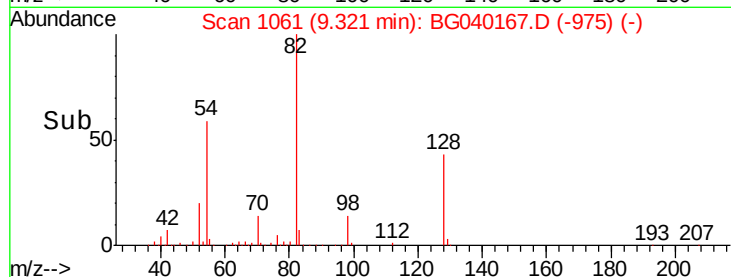
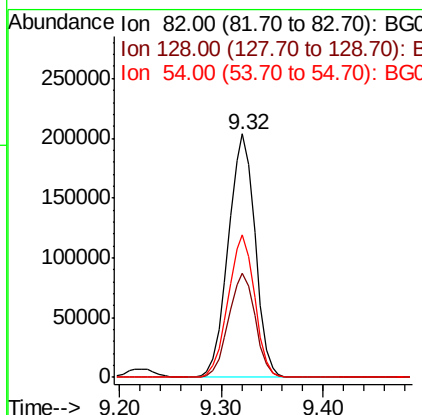
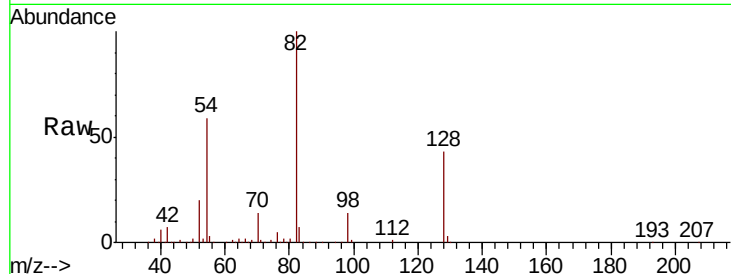




#23
 Nitrobenzene-d5
 Concen: 83.794 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

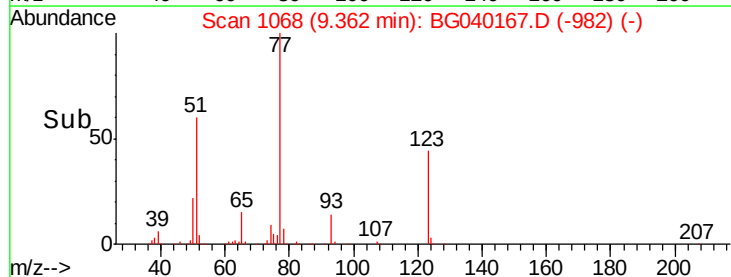
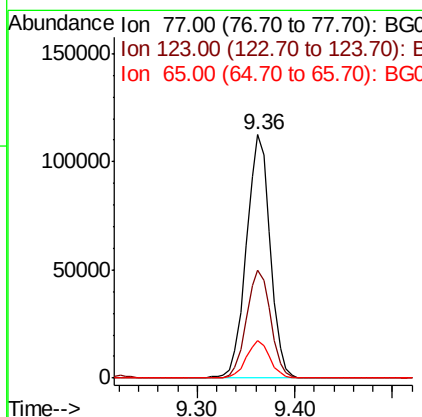
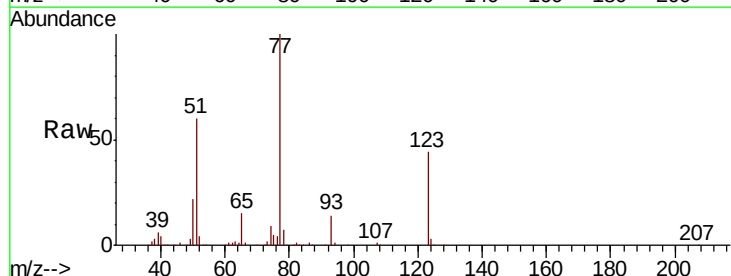
Instrument :
 BNA_G
 ClientSampled :

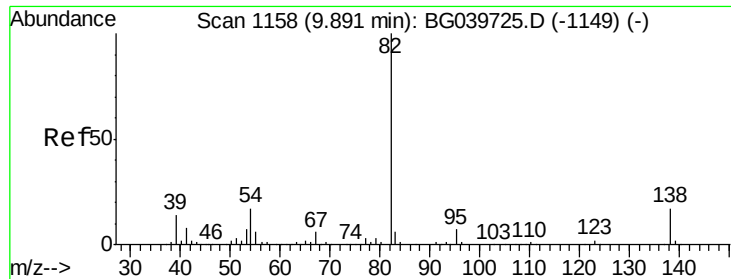
Tot Ion	82	Resp	371969
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.3	46.9
54	58.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 41.169 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion	77	Resp	191723
Ion Ratio	Lower	Upper	
77	100		
123	44.4	34.1	51.1
65	15.2	12.3	18.5

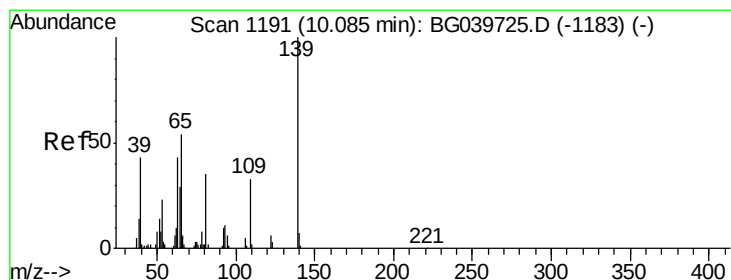
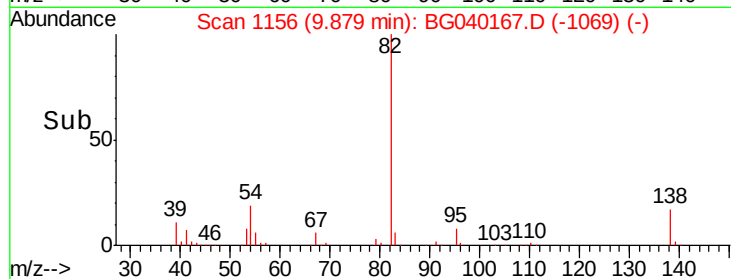
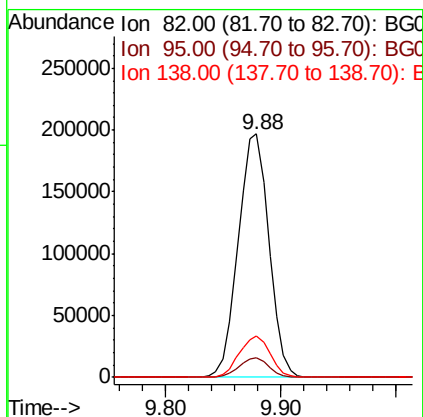
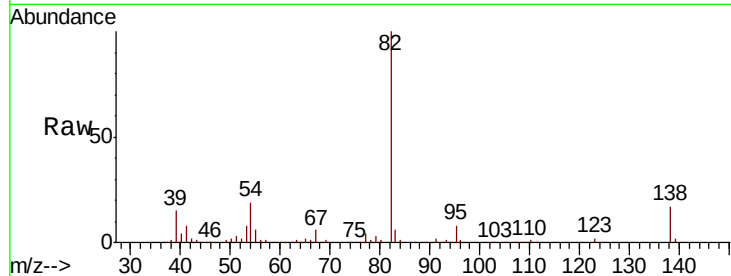




#25
Isophorone
Concen: 39.029 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

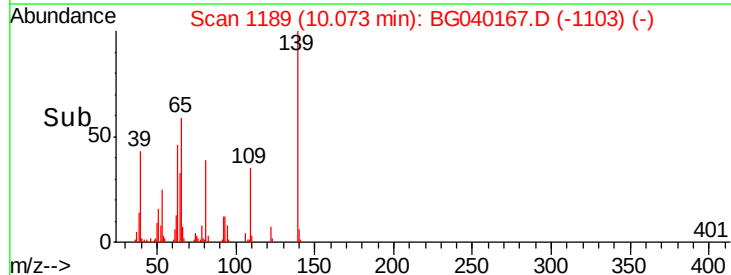
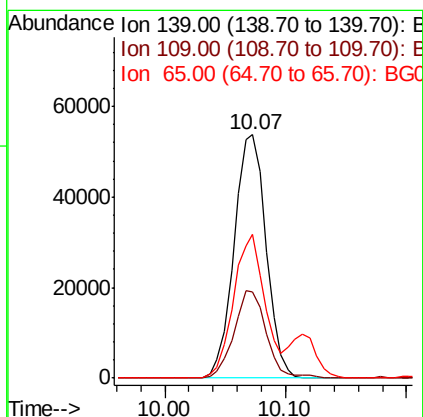
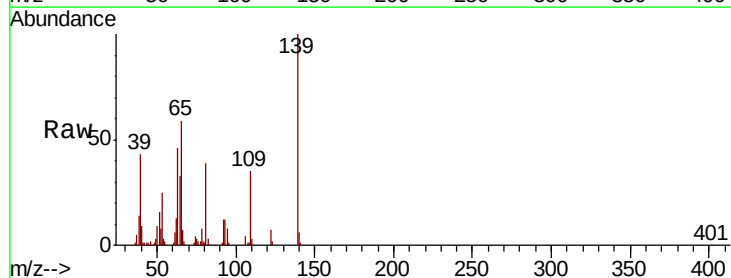
Instrument :
BNA_G
ClientSampleId :

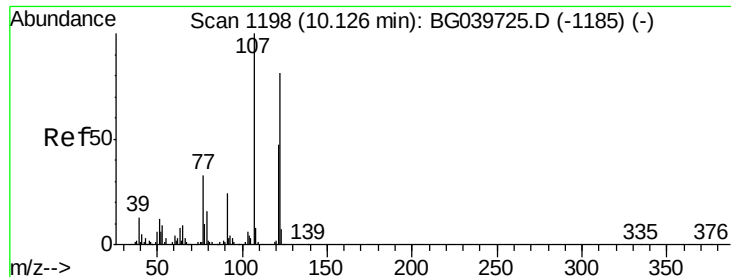
Tot Ion: 82 Resp: 363024
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.3 13.0 19.4



#26
2-Nitrophenol
Concen: 44.061 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion: 139 Resp: 99069
Ion Ratio Lower Upper
139 100
109 35.2 23.4 35.0#
65 59.0 44.3 66.5

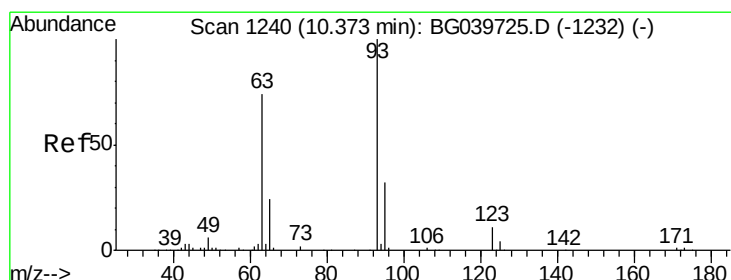
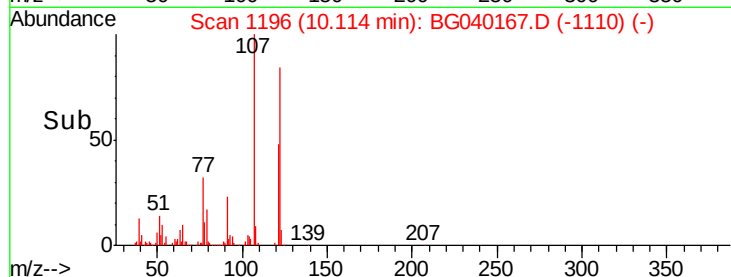
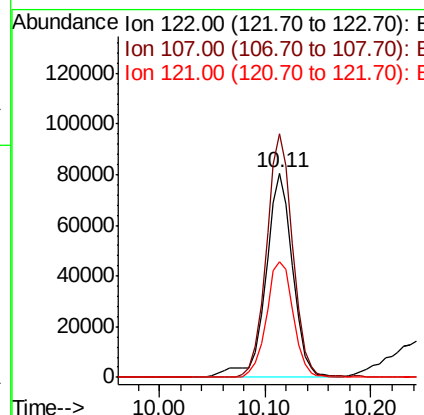
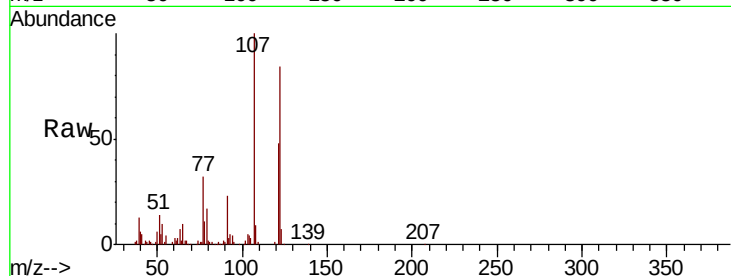




#27
2,4-Dimethylphenol
Concen: 40.636 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

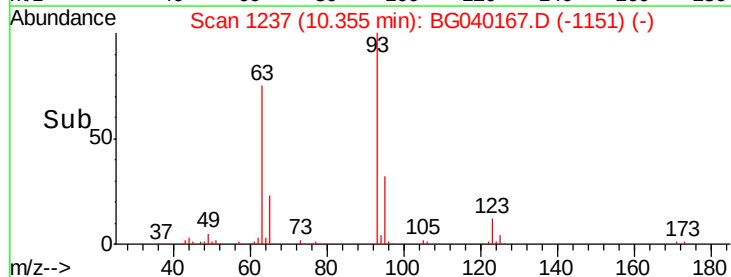
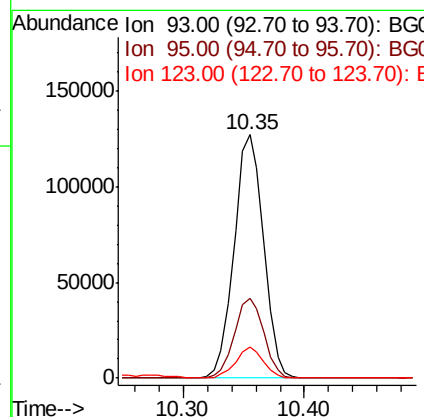
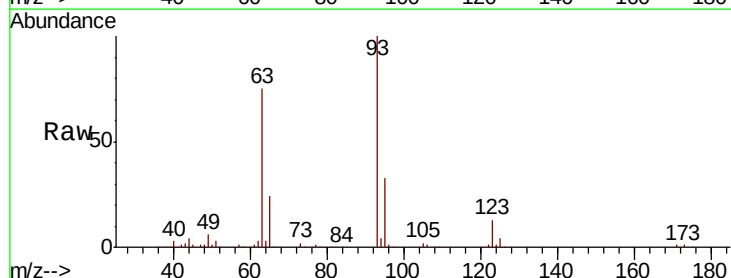
Instrument :
BNA_G
ClientSampleId :

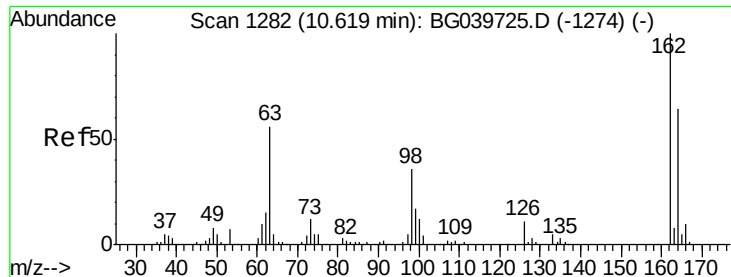
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	91.7	137.5
121	56.8	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.202 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	12.6	8.6	12.8

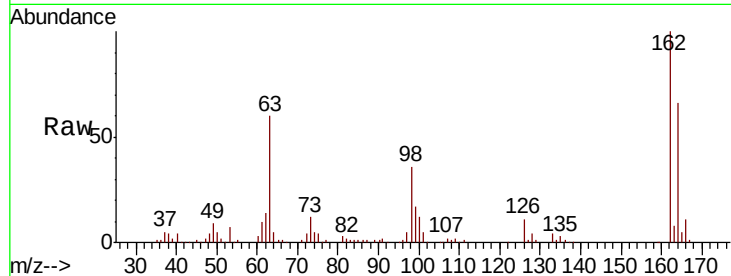




#29
 2,4-Dichlorophenol
 Concen: 42.821 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.1	88.1
98	36.1	18.1	58.1

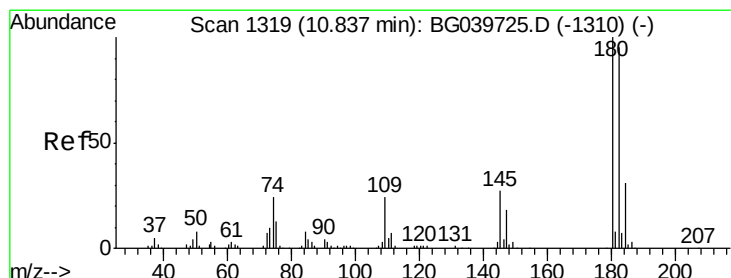
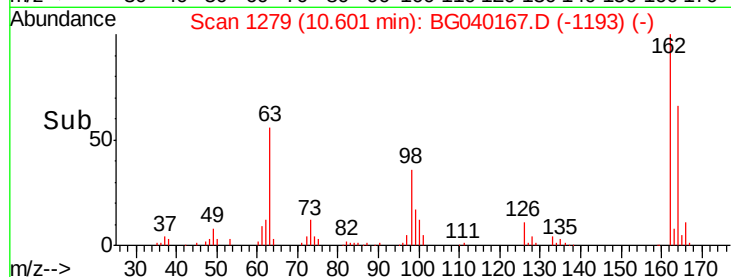
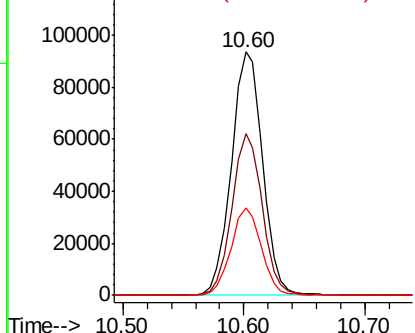


Abundance

Ion 162.00 (161.70 to 162.70): E

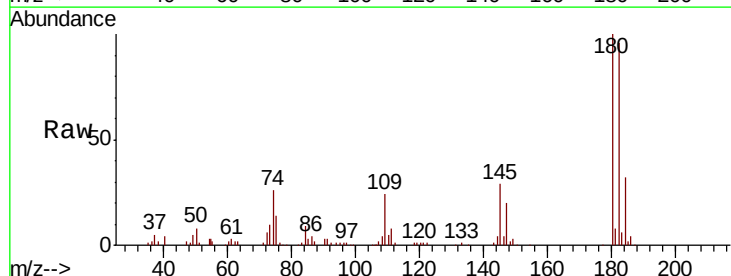
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.398 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	29.0	22.7	34.1

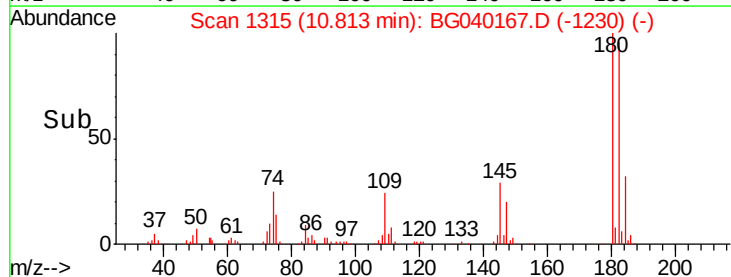
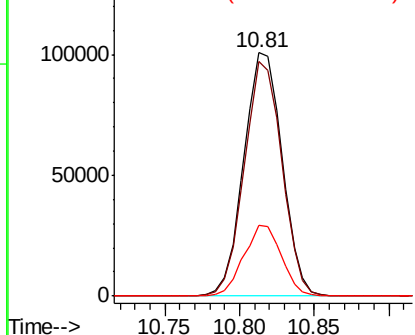


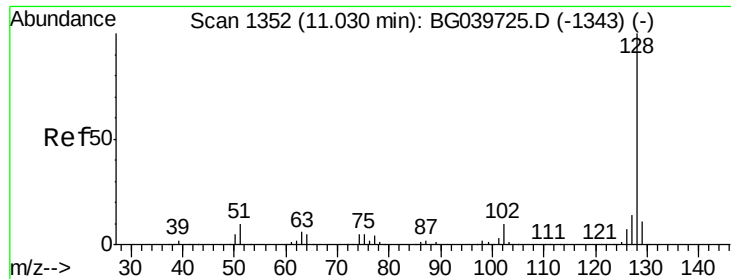
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

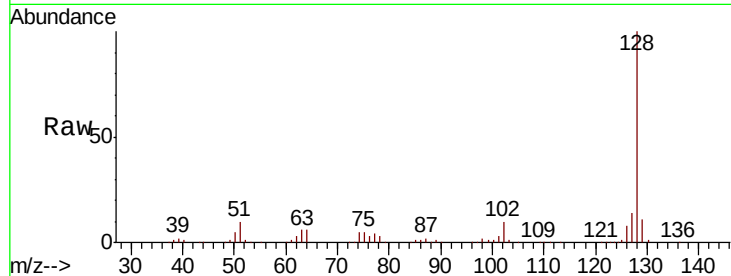




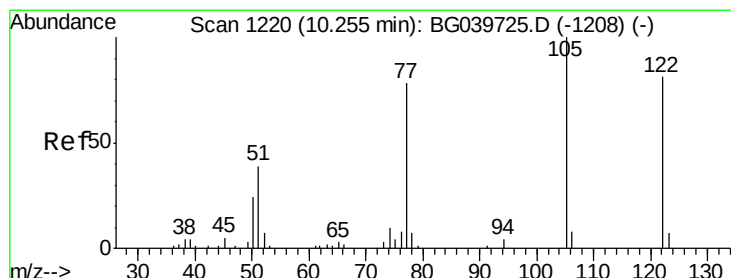
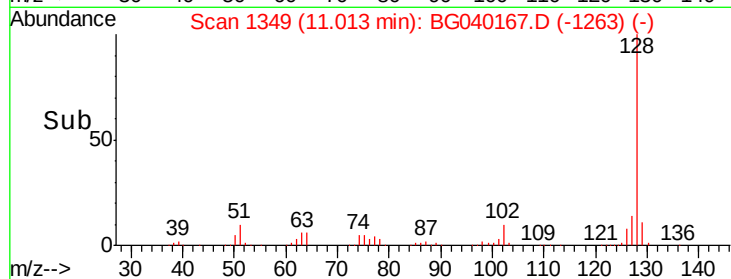
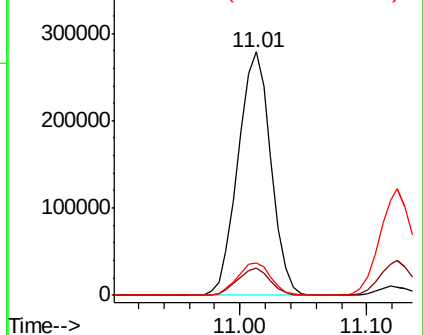
#31
Naphthalene
Concen: 39.334 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 499992
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.6 10.8 16.2

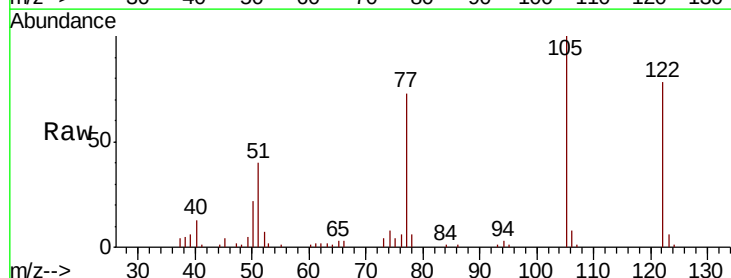


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

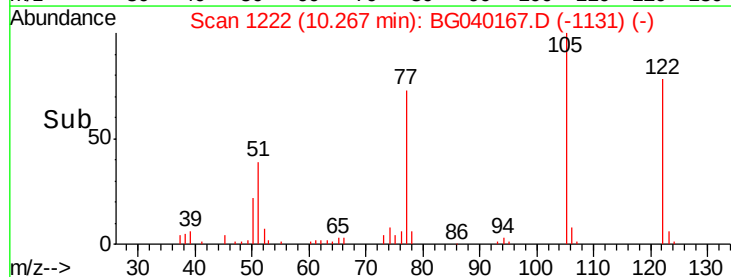
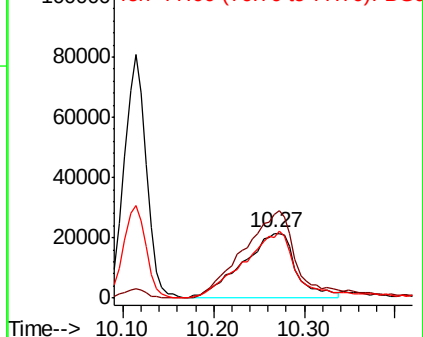


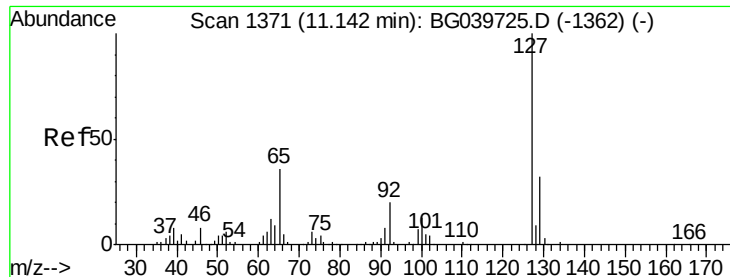
#32
Benzoic acid
Concen: 37.601 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:122 Resp: 86302
Ion Ratio Lower Upper
122 100
105 128.7 101.8 141.8
77 94.3 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

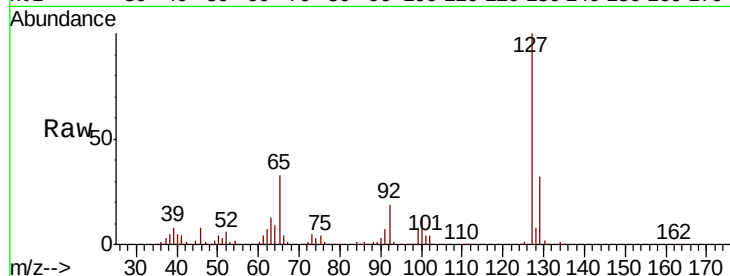




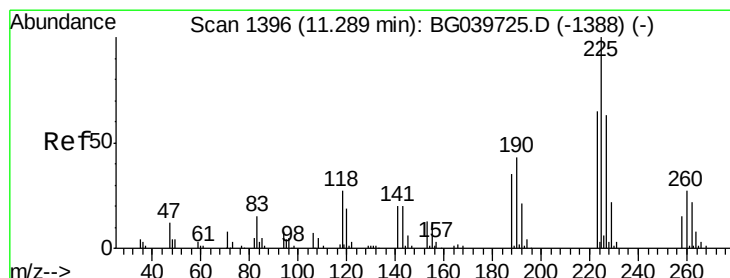
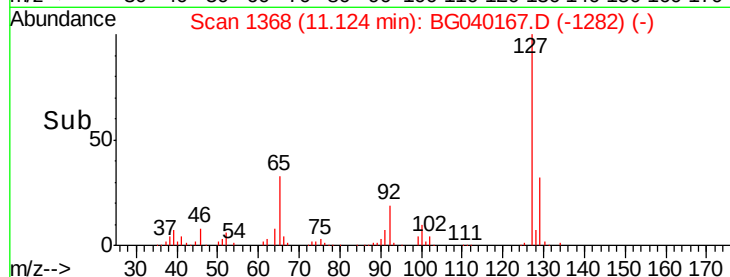
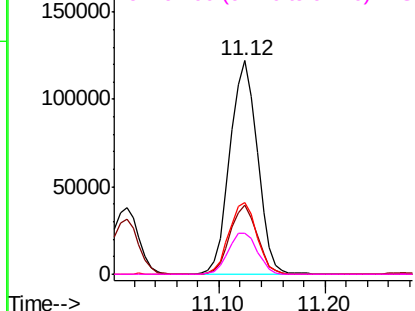
#33
4-Chloroaniline
Concen: 40.776 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	219792
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	33.5	28.8	43.2
92	19.4	16.6	25.0

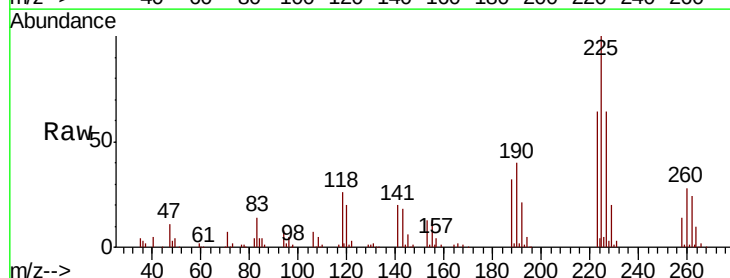


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

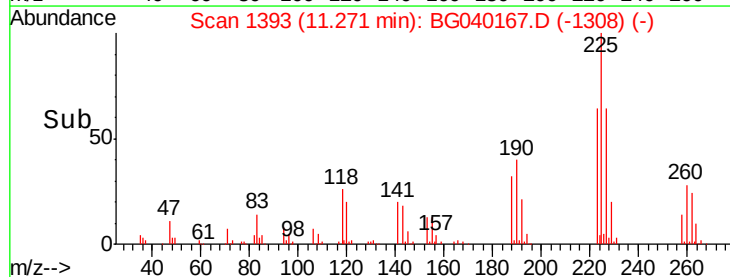
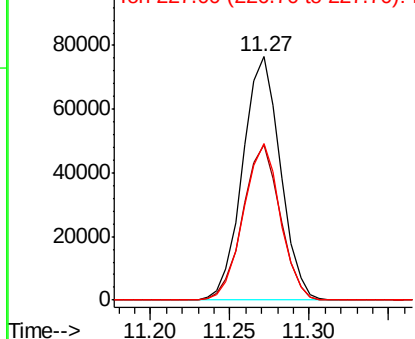


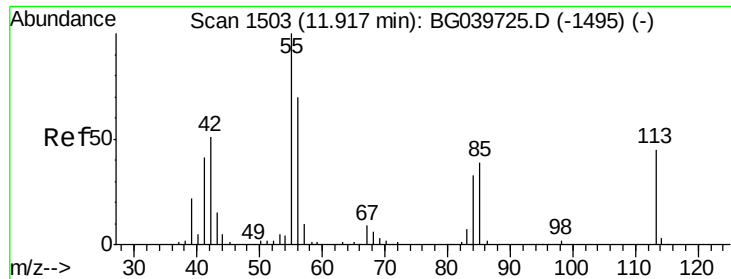
#34
Hexachlorobutadiene
Concen: 41.751 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:	225	Resp:	126401
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.3	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

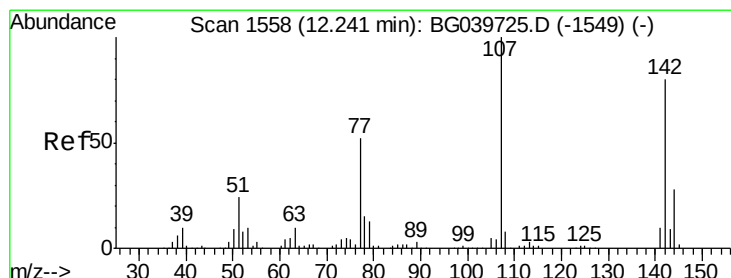
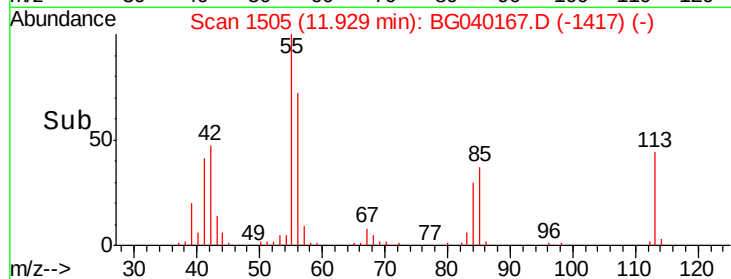
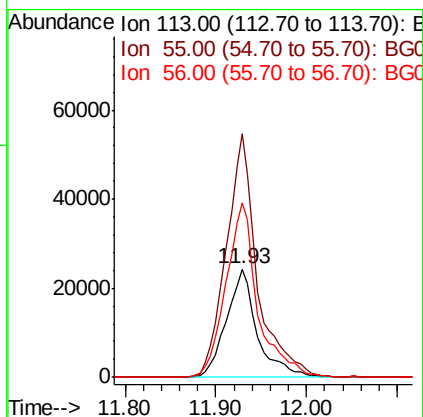
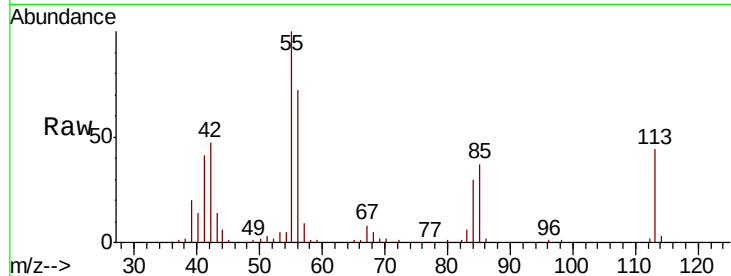




#35
 Caprolactam
 Concen: 38.154 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

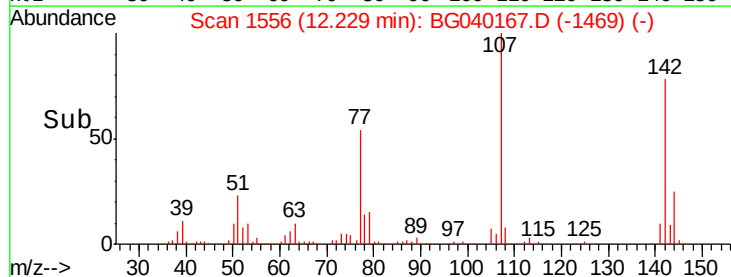
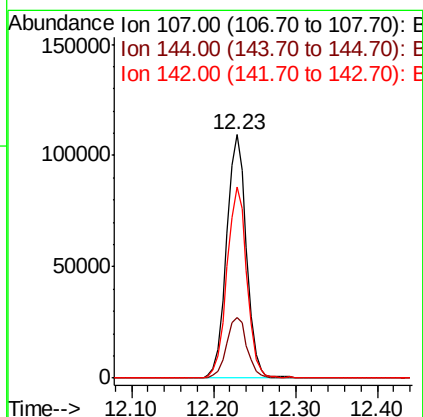
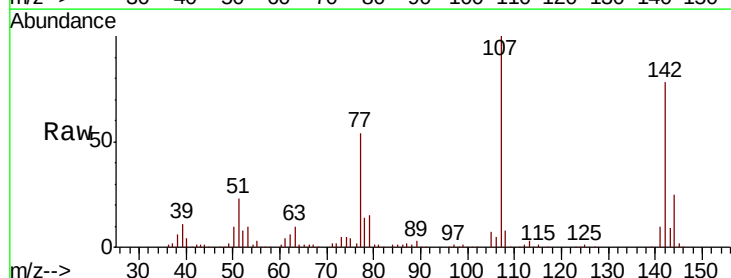
Instrument :
 BNA_G
 ClientSampled :

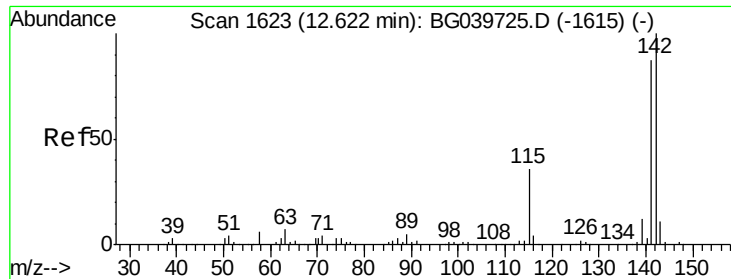
Tot Ion:113 Resp: 57384
 Ion Ratio Lower Upper
 113 100
 55 225.3 216.9 256.9
 56 161.4 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.987 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:107 Resp: 184986
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 78.3 61.4 92.2

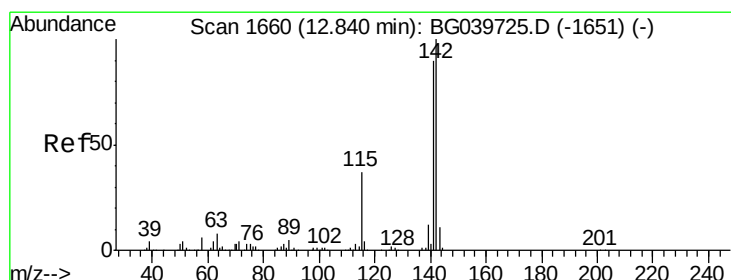
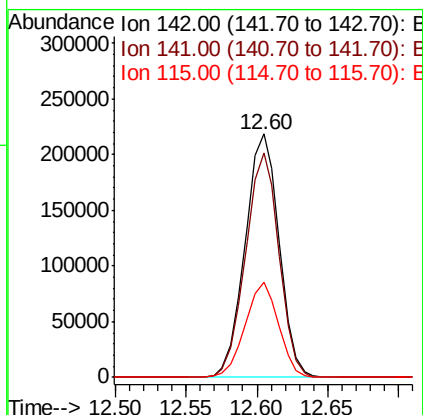
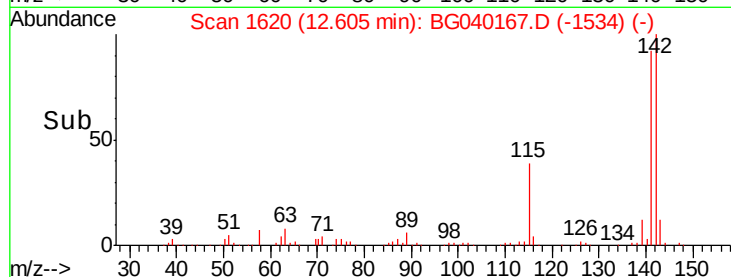
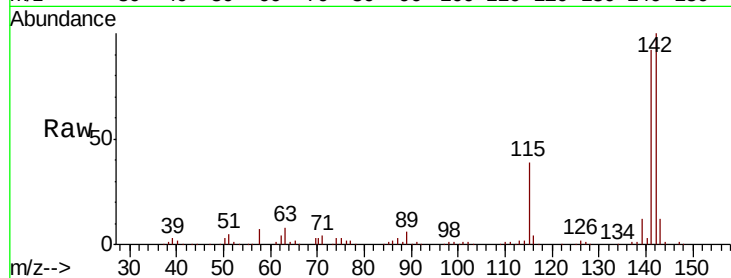




#37
2-Methylnaphthalene
Concen: 38.898 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

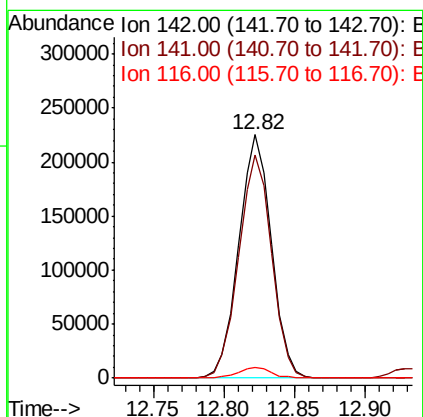
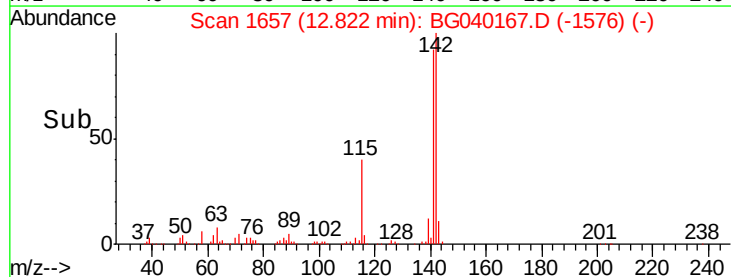
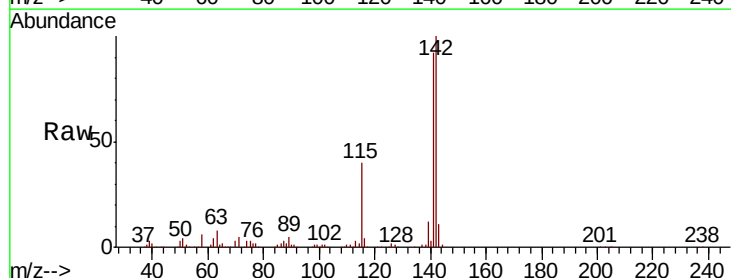
Instrument :
BNA_G
ClientSampleId :

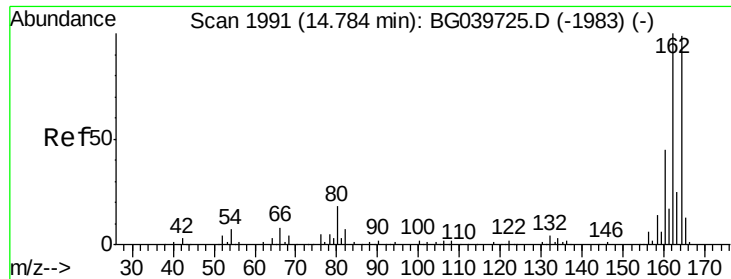
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
115	39.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.226 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampled :

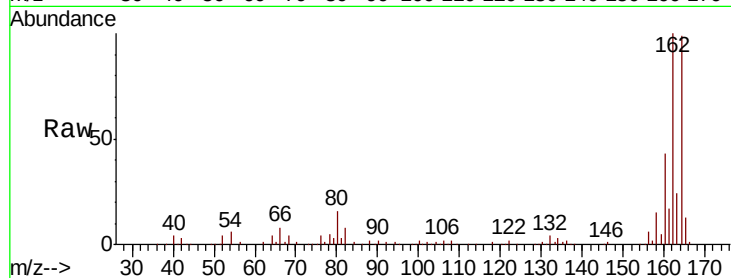
Tot Ion:164 Resp: 160324

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

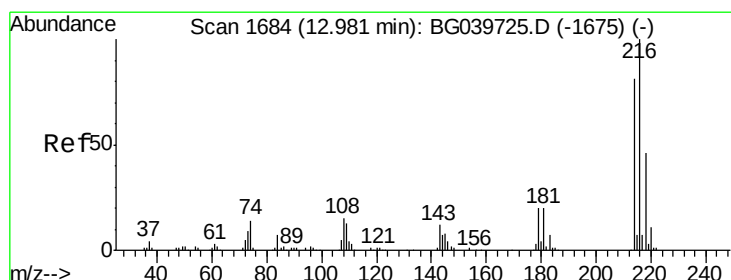
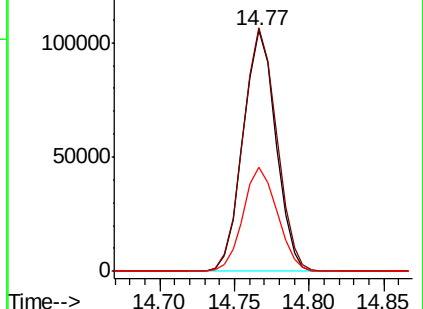
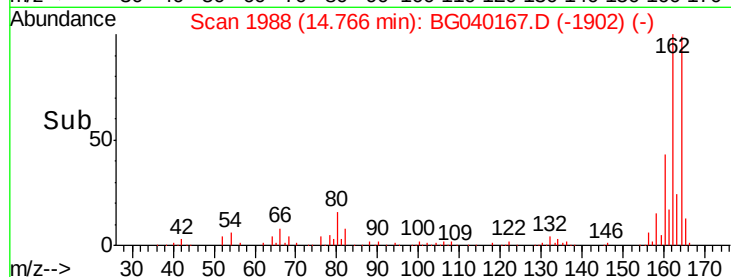
160 43.1 34.2 51.2



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: 41.204 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Tgt Ion:216 Resp: 223796

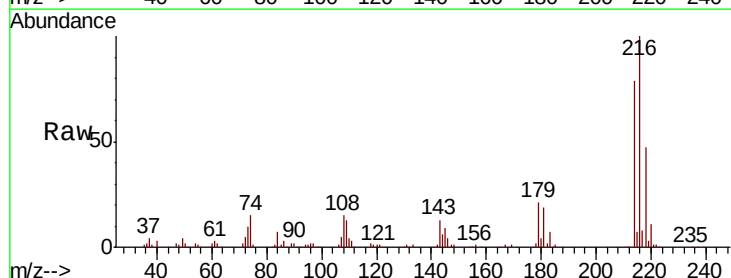
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.9 16.6 25.0

108 16.6 14.0 21.0

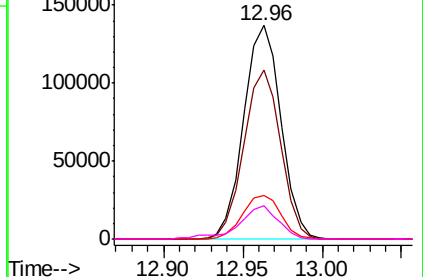
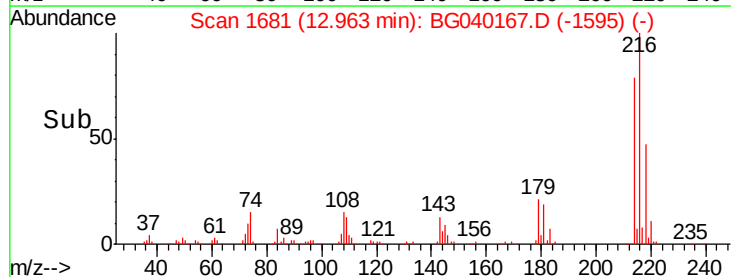


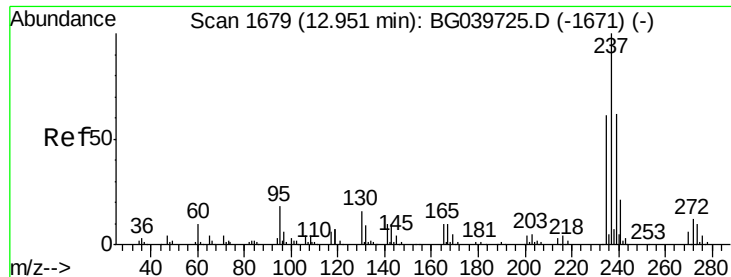
Abundance Ion 216.00 (215.70 to 216.70): E

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

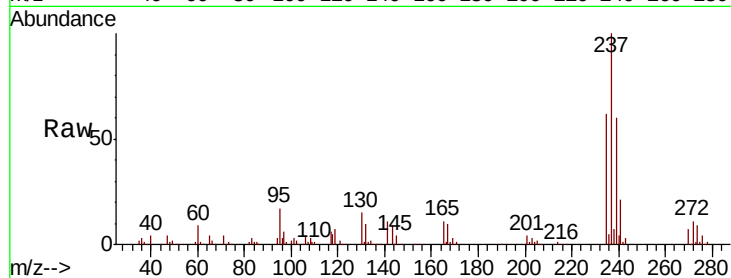




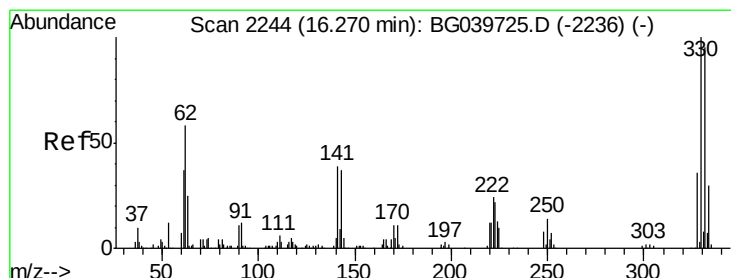
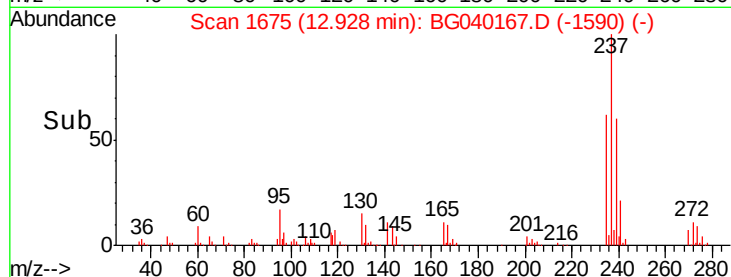
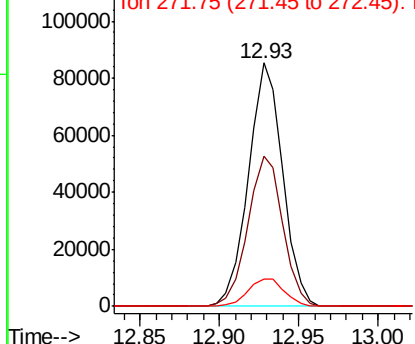
#41
Hexachlorocyclopentadiene
Concen: 43.931 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 127871
Ion Ratio Lower Upper
237 100
235 61.5 43.3 83.3
272 11.4 0.0 32.3

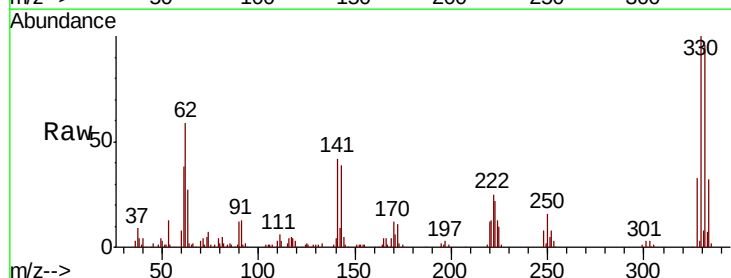


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

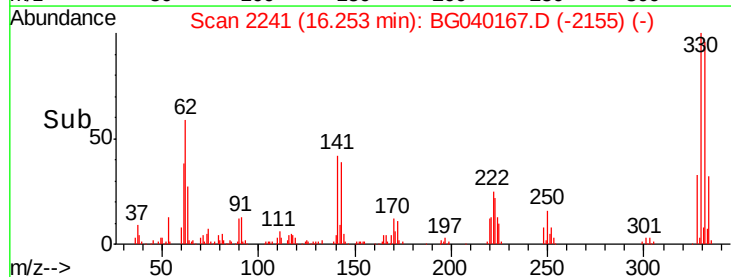
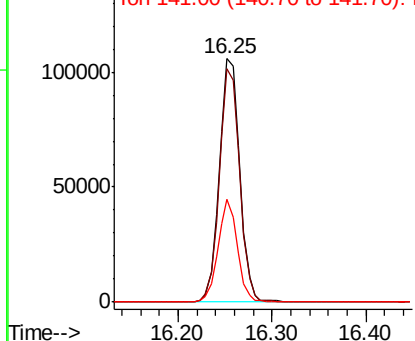


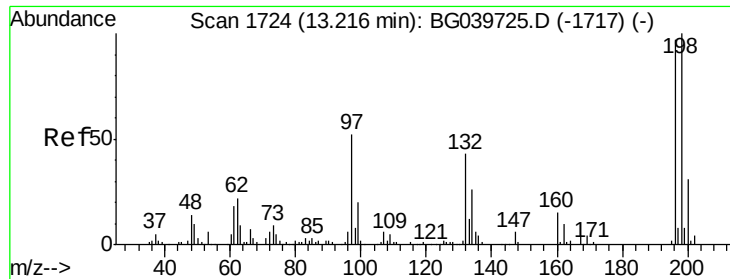
#42
2,4,6-Tribromophenol
Concen: 85.777 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:330 Resp: 160291
Ion Ratio Lower Upper
330 100
332 94.8 75.7 113.5
141 39.7 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

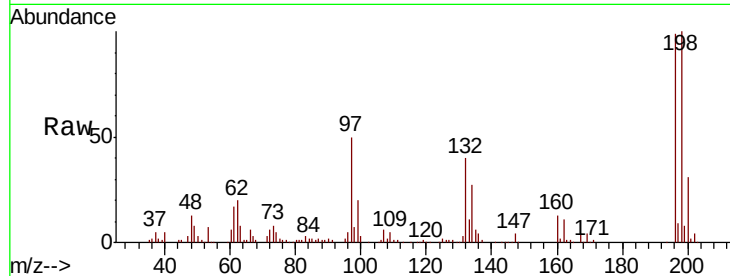




#43
 2,4,6-Trichlorophenol
 Concen: 43.707 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	138980
Ion Ratio	Lower	Upper	
196	100		
198	101.1	80.6	121.0
200	31.3	26.1	39.1

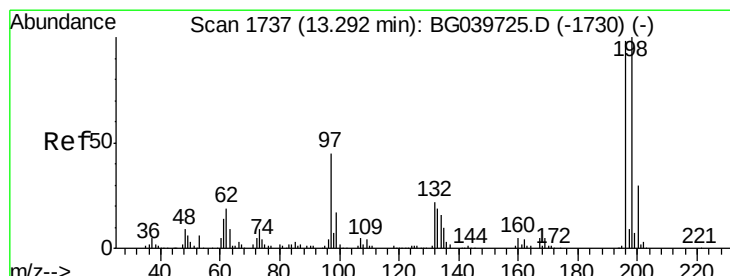
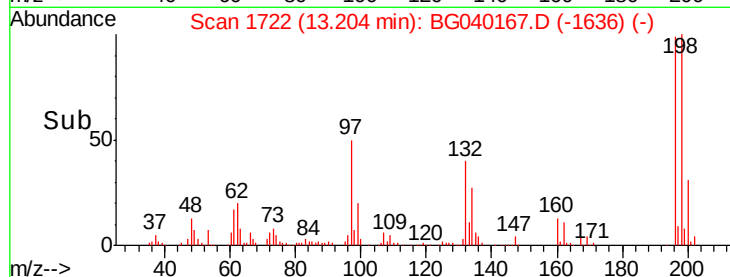
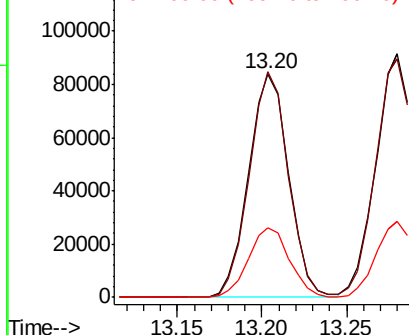


Abundance

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: 41.645 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion	196	Resp	149266
Ion Ratio	Lower	Upper	
196	100		
198	97.8	78.5	117.7
97	46.2	38.4	57.6
132	25.2	19.2	28.8

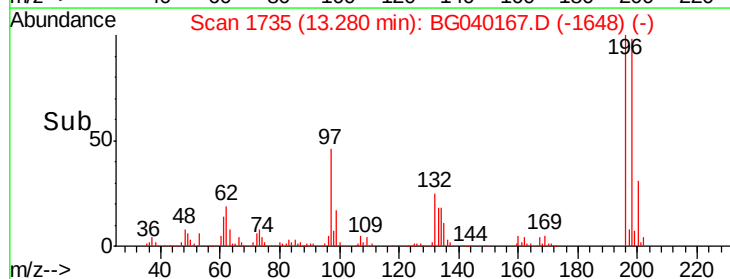
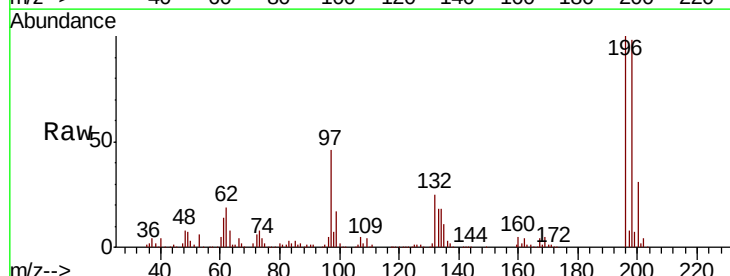
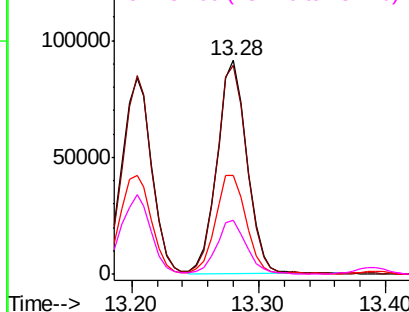
Abundance

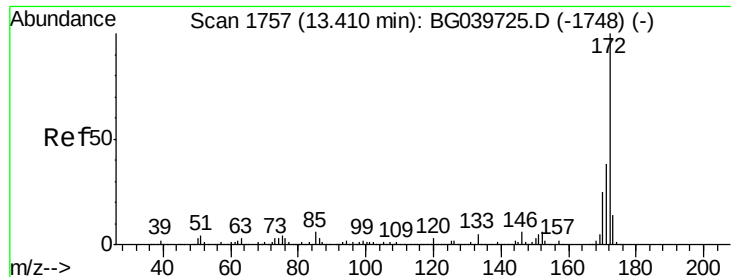
Ion 196.00 (195.70 to 196.70): E

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

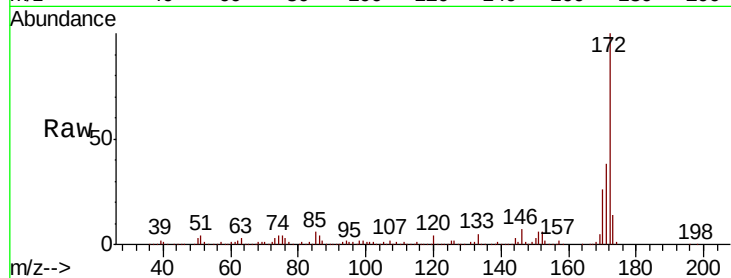




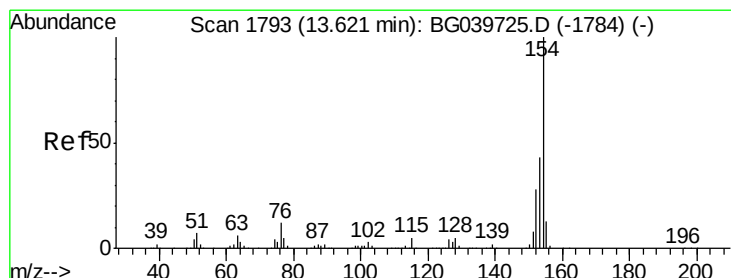
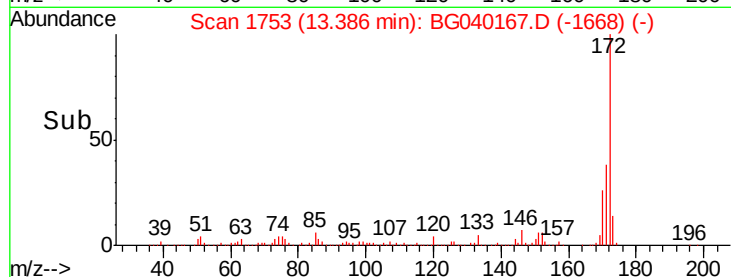
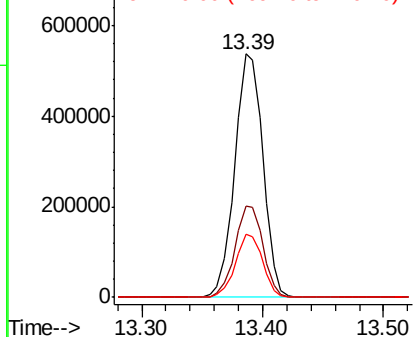
#45
 2-Fluorobiphenyl
 Concen: 77.439 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 871965
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.8 20.2 30.4

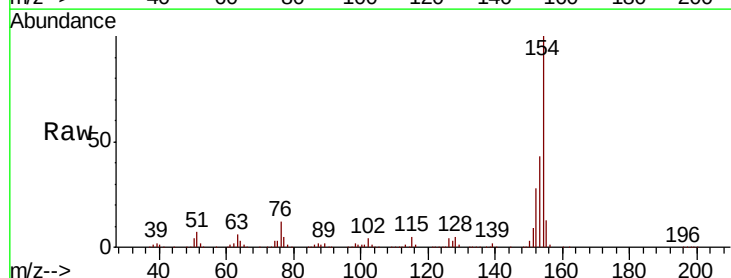


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

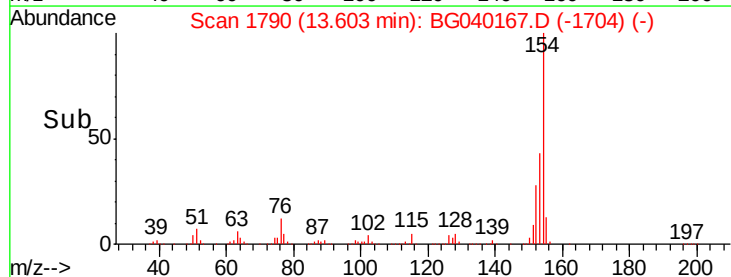
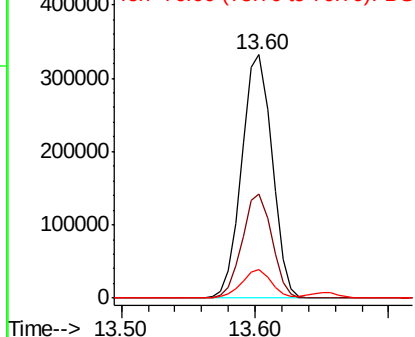


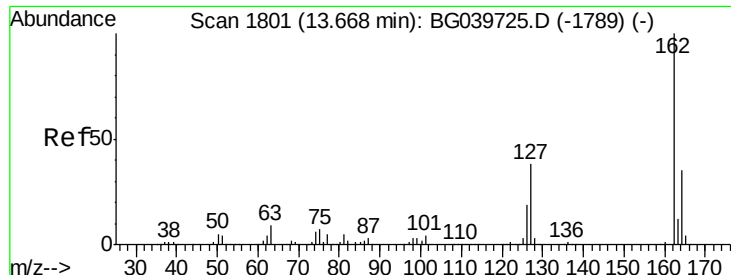
#46
 1,1'-Biphenyl
 Concen: 39.629 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:154 Resp: 522560
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.1 62.1
 76 11.6 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

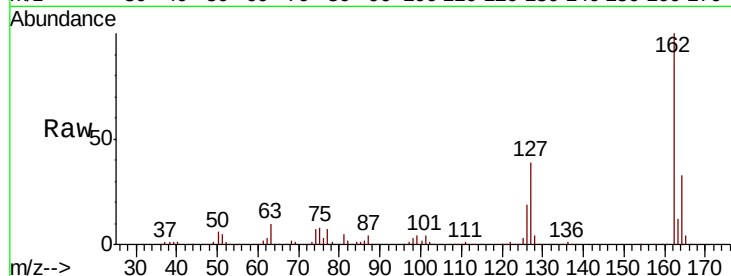




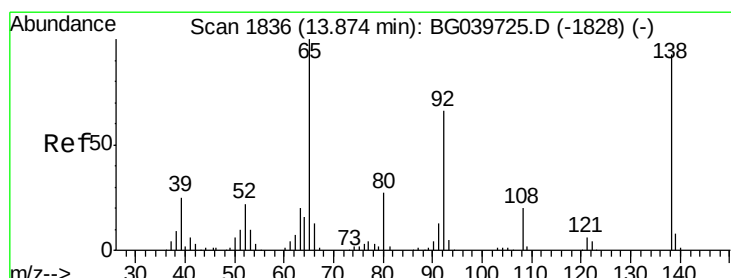
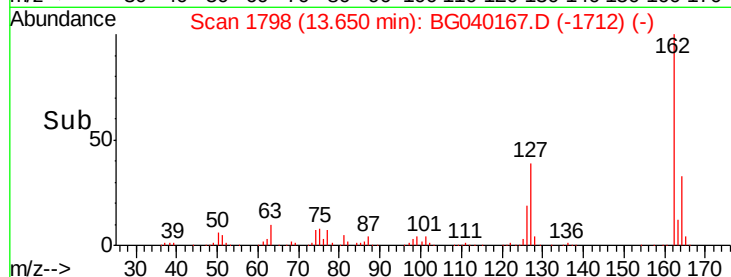
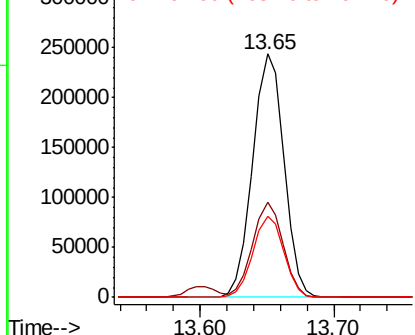
#47
 2-Chloronaphthalene
 Concen: 39.742 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 394240
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.0 46.6
 164 33.5 25.7 38.5

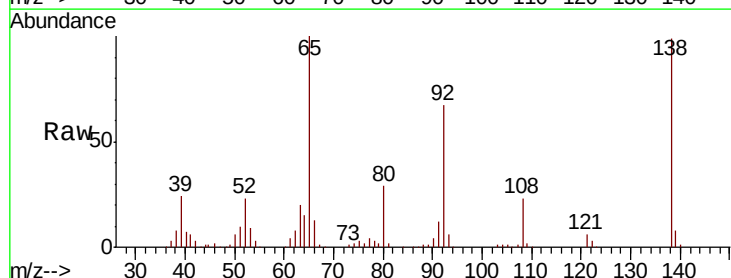


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

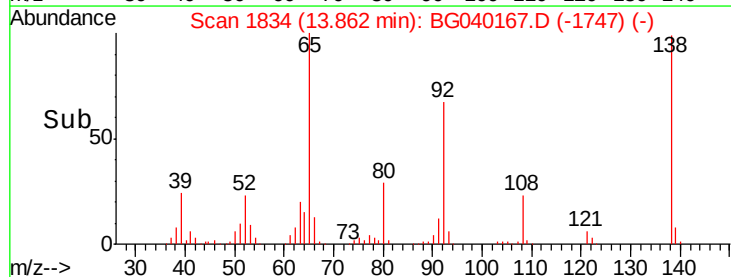
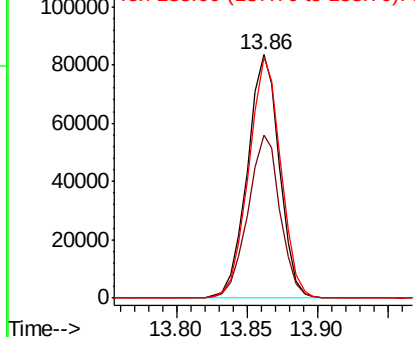


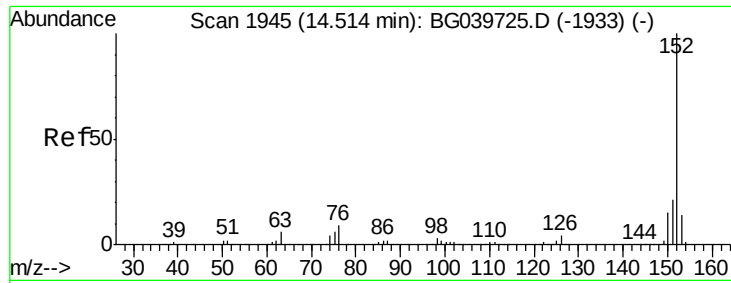
#48
 2-Nitroaniline
 Concen: 41.646 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion: 65 Resp: 132768
 Ion Ratio Lower Upper
 65 100
 92 66.8 51.4 77.2
 138 98.9 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: 39.093 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

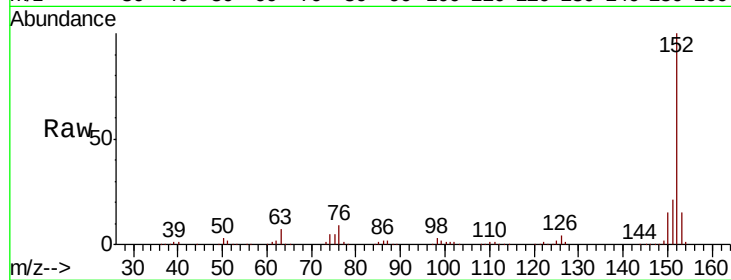
Tot Ion:152 Resp: 636615

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

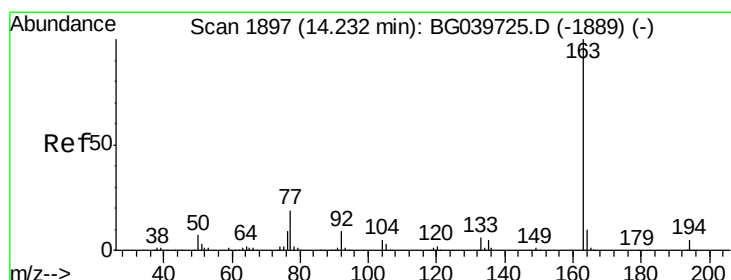
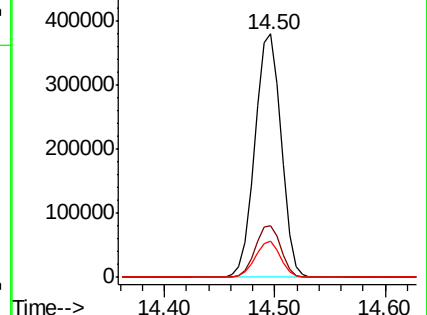
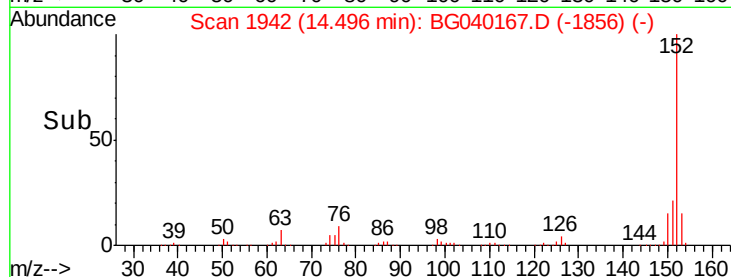
153 14.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.198 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

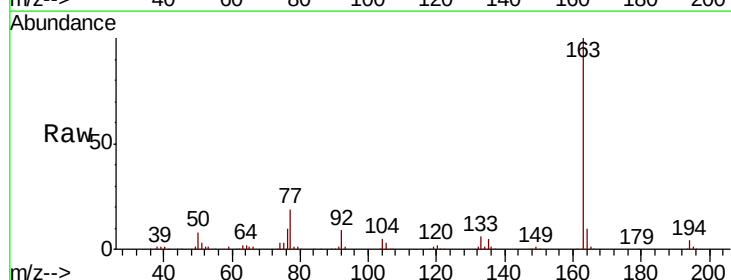
Tgt Ion:163 Resp: 512086

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

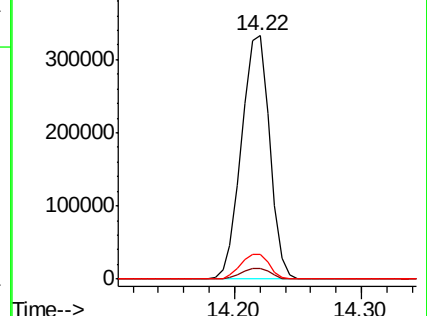
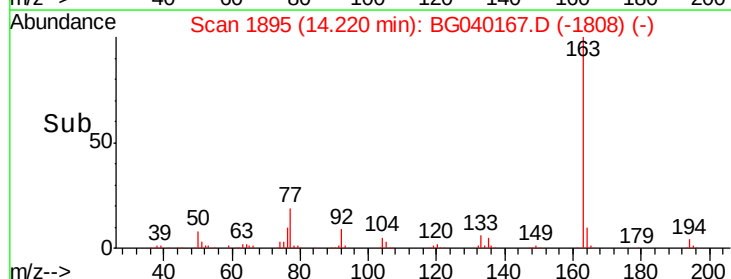
164 10.3 8.4 12.6

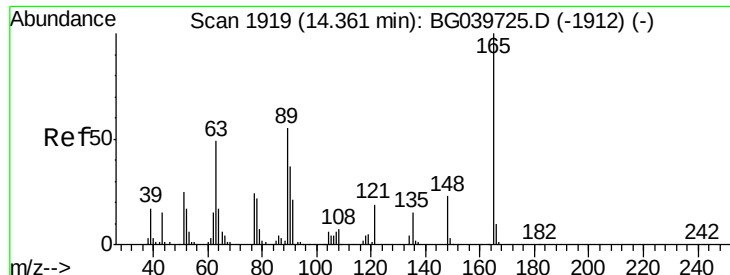


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

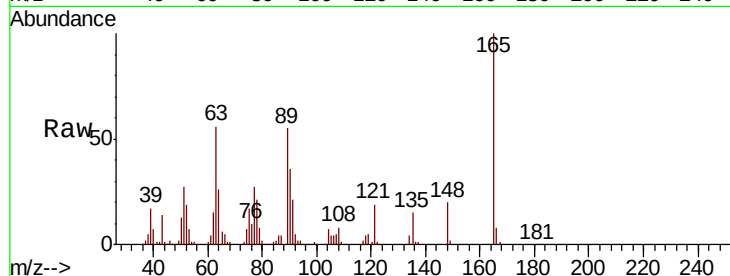




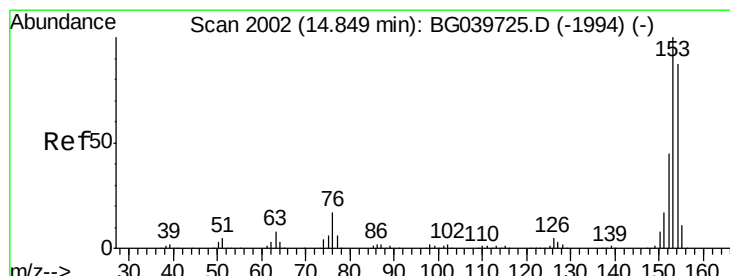
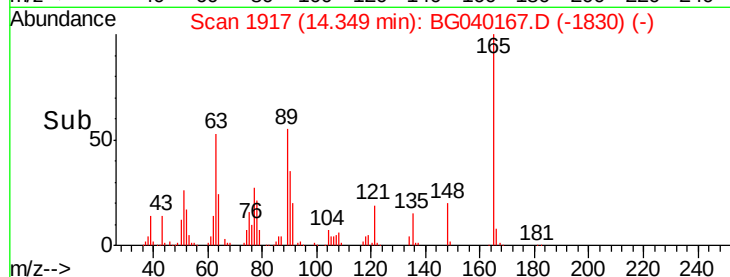
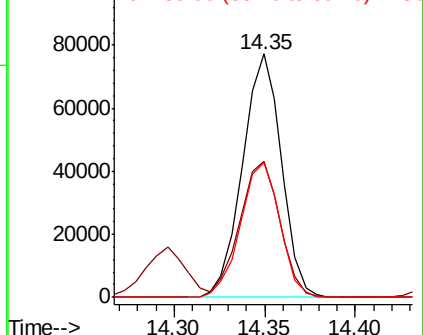
#51
 2,6-Dinitrotoluene
 Concen: 40.650 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 115530
 Ion Ratio Lower Upper
 165 100
 63 55.8 47.0 70.6
 89 55.2 45.8 68.8

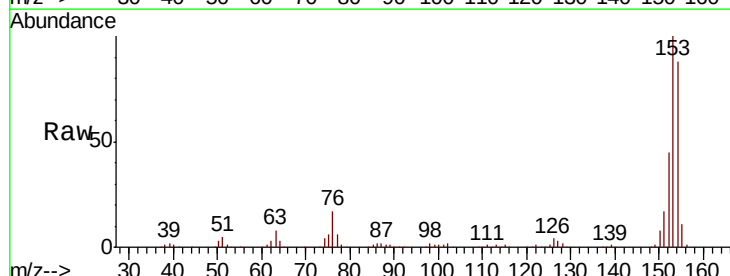


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

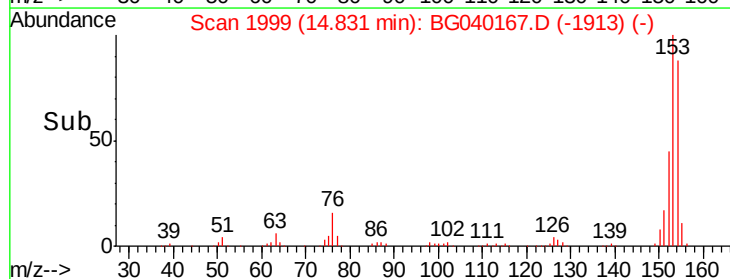
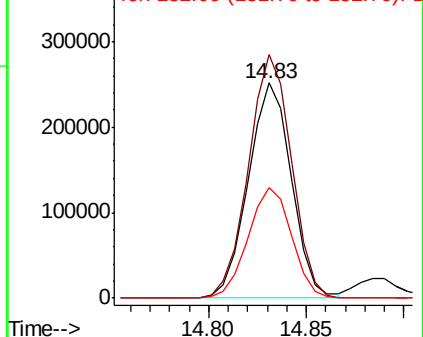


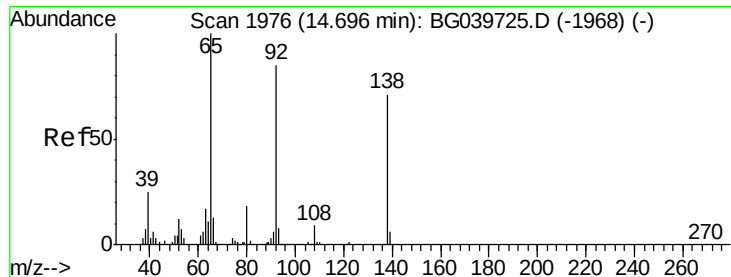
#52
 Acenaphthene
 Concen: 39.228 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:154 Resp: 384486
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.1 135.1
 152 51.4 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

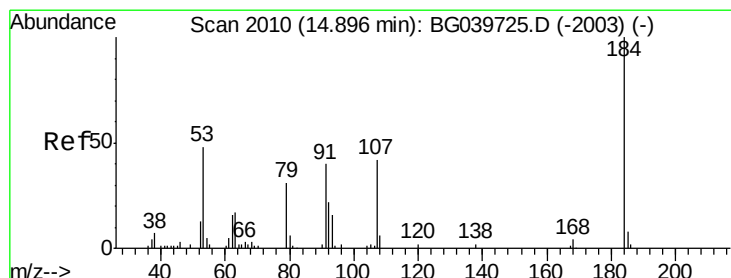
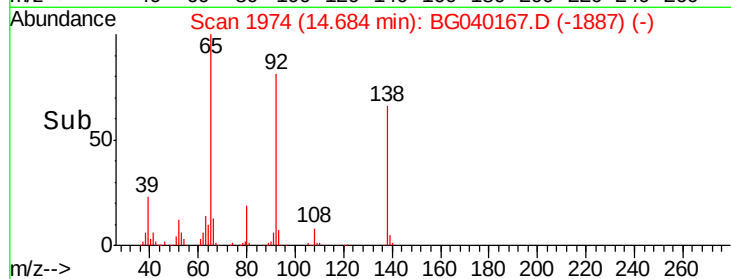
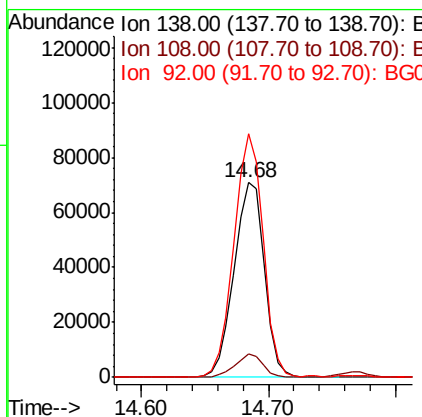
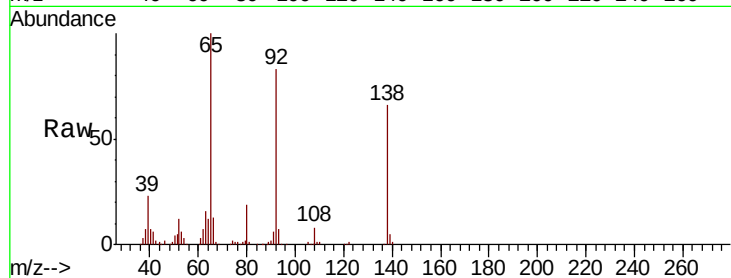




#53
 3-Nitroaniline
 Concen: 40.990 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

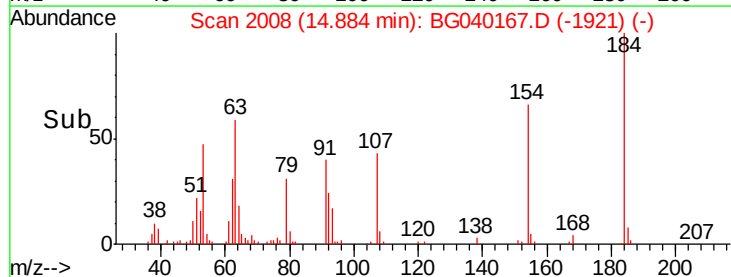
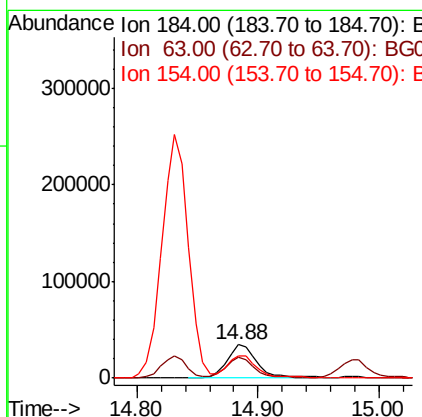
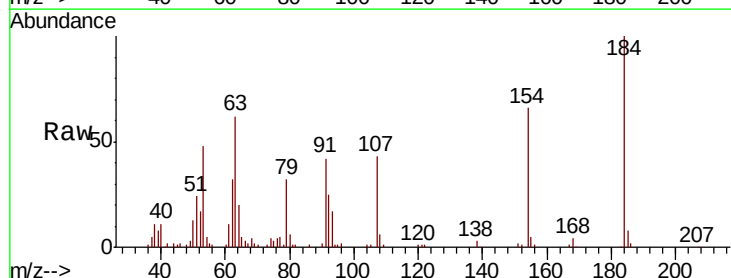
Instrument :
 BNA_G
 ClientSampled :

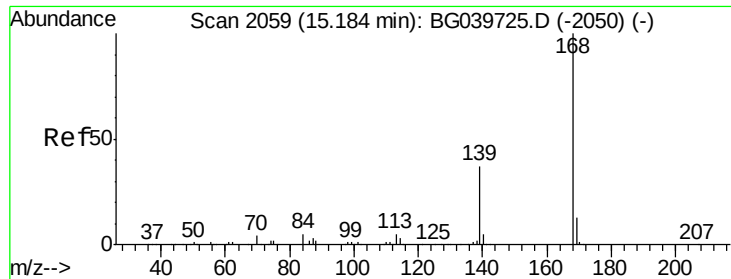
Tot Ion:138 Resp: 117102
 Ion Ratio Lower Upper
 138 100
 108 11.7 13.8 20.8#
 92 124.9 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 36.749 ng
 RT: 14.88 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:184 Resp: 60413
 Ion Ratio Lower Upper
 184 100
 63 62.4 50.9 76.3
 154 66.2 53.0 79.6

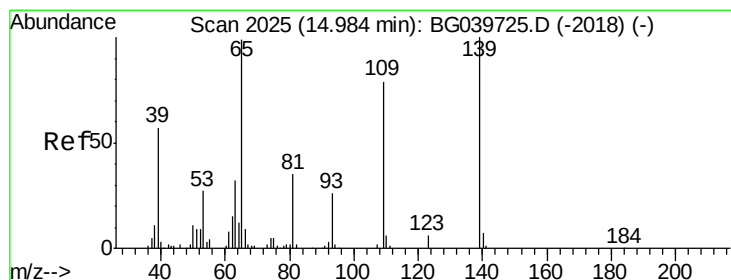
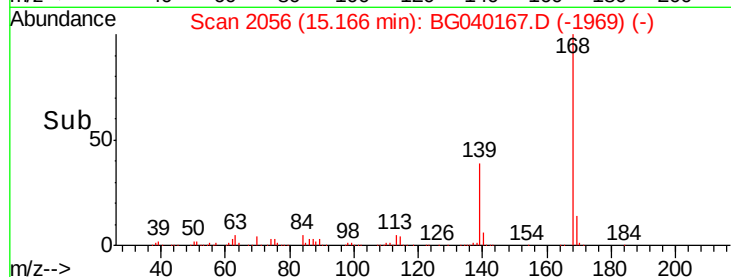
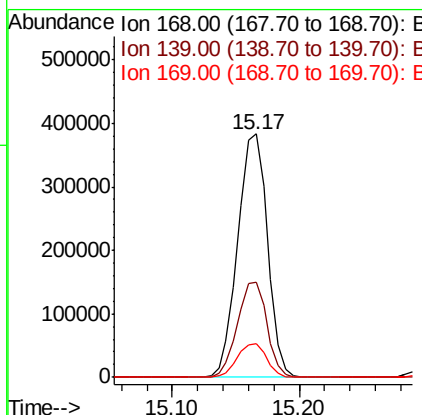
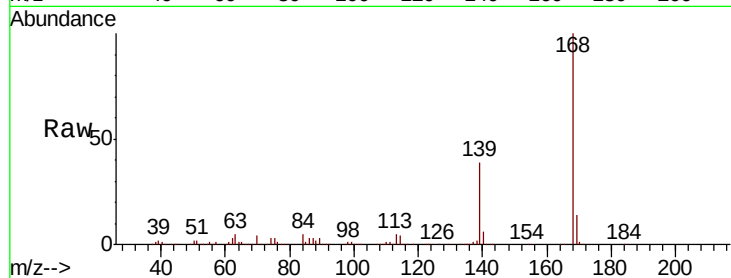




#55
Dibenzenofuran
Concen: 38.658 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

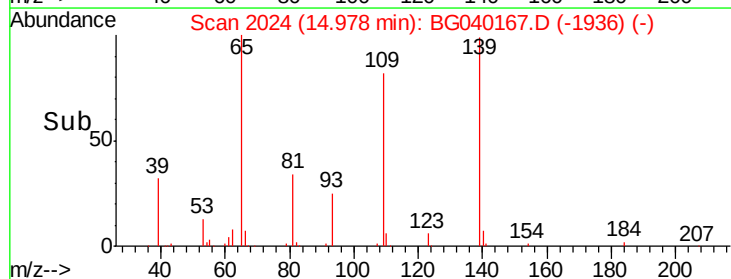
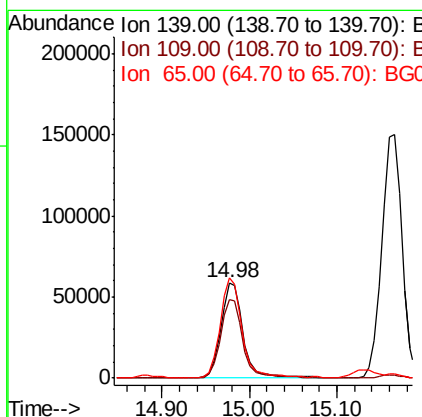
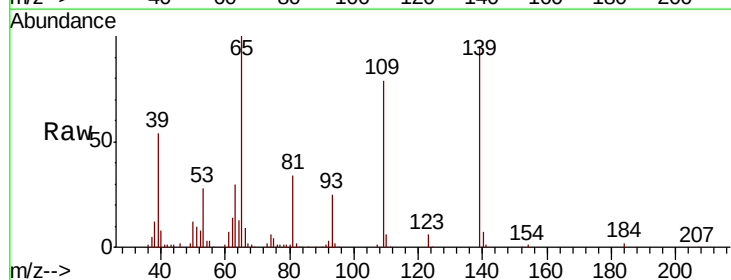
Instrument :
BNA_G
ClientSampleId :

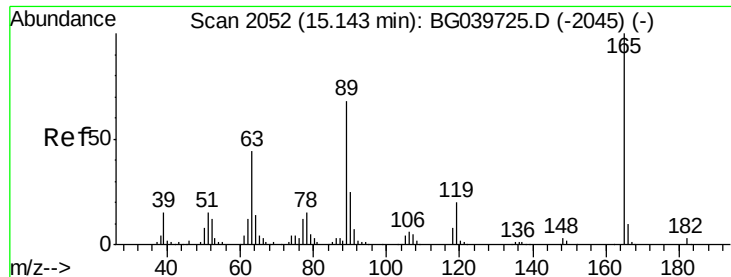
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 40.273 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.9	61.9	101.9
65	104.9	99.1	139.1

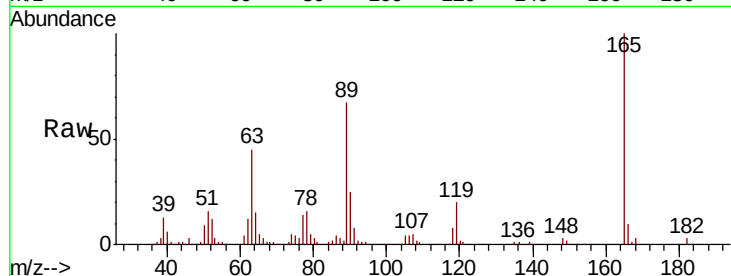




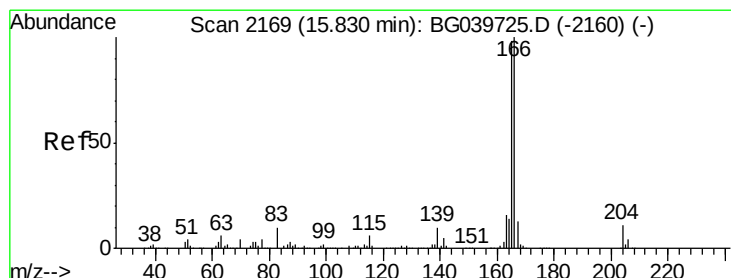
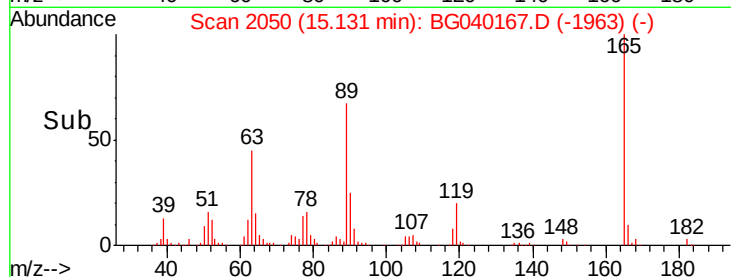
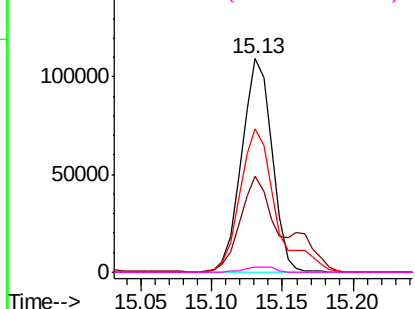
#57
2,4-Dinitrotoluene
Concen: 41.275 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:	165	Resp:	164827
Ion	Ratio	Lower	Upper
165	100		
63	44.7	41.0	61.6
89	67.0	64.6	96.8
182	2.6	2.0	3.0

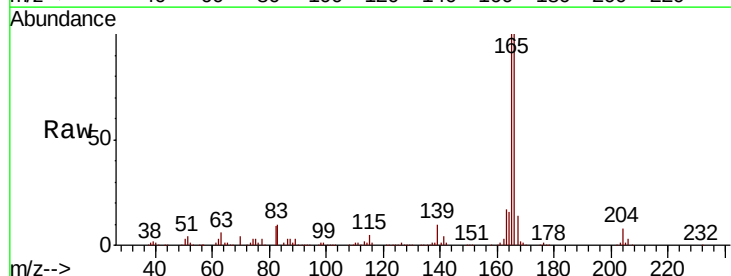


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

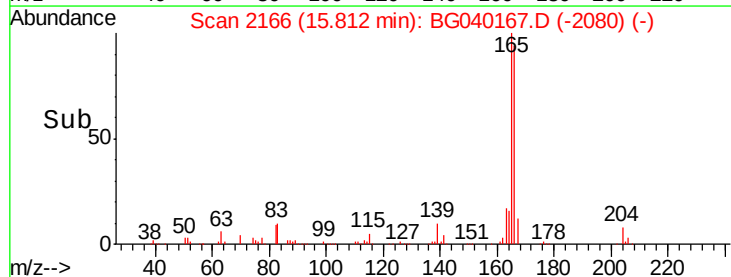
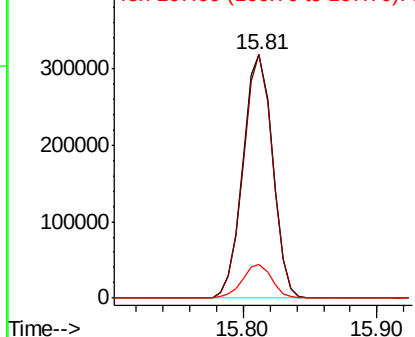


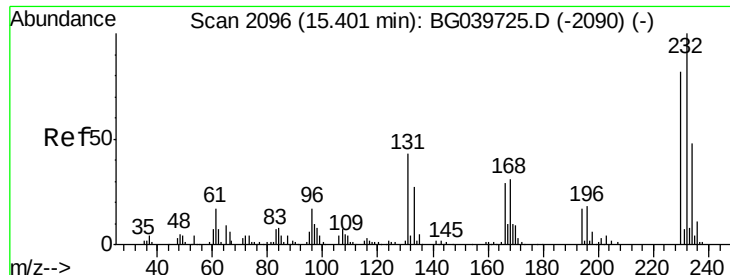
#58
Fluorene
Concen: 38.463 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:	166	Resp:	486241
Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.9	116.9
167	14.1	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

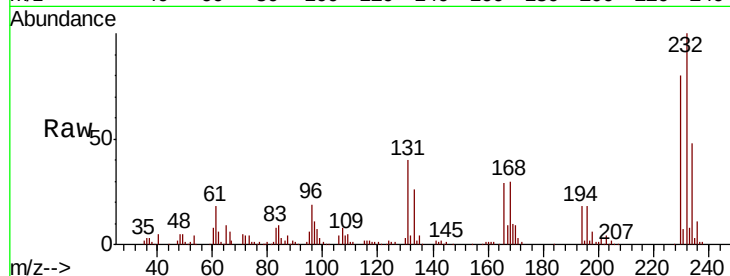




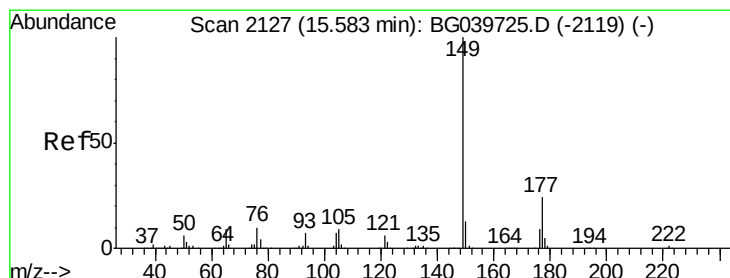
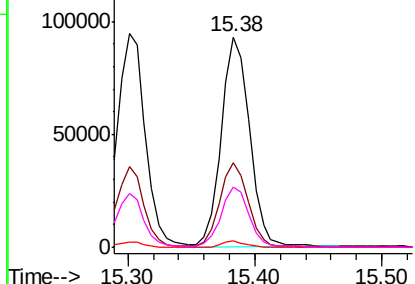
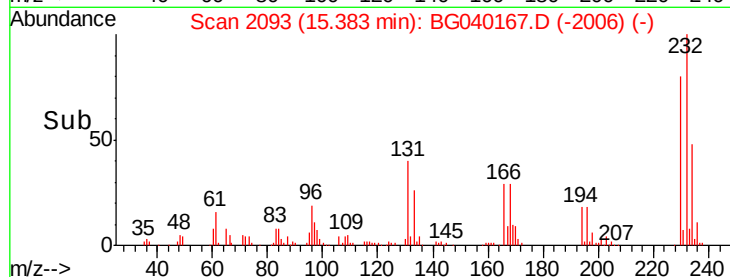
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.764 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	142693
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.6	2.0	3.0
166	29.3	24.1	36.1

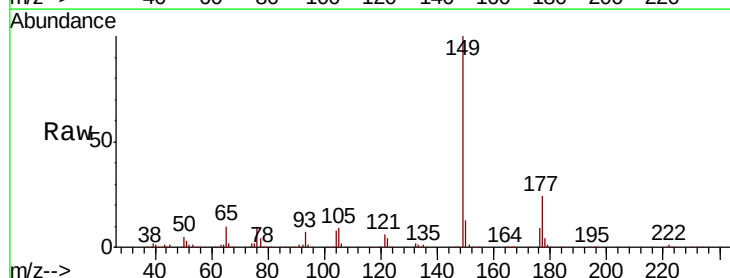


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

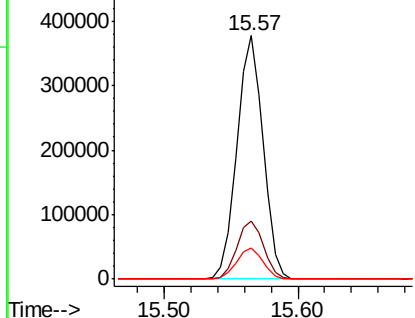
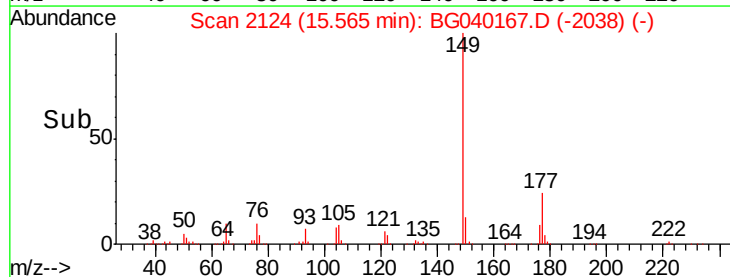


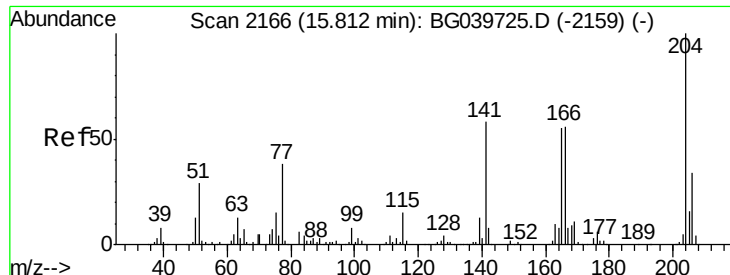
#60
 Diethylphthalate
 Concen: 38.597 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:	149	Resp:	512231
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.8	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

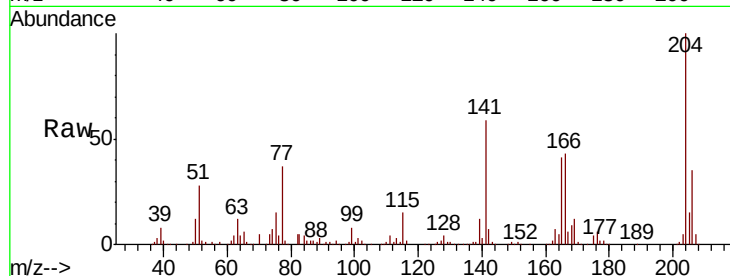




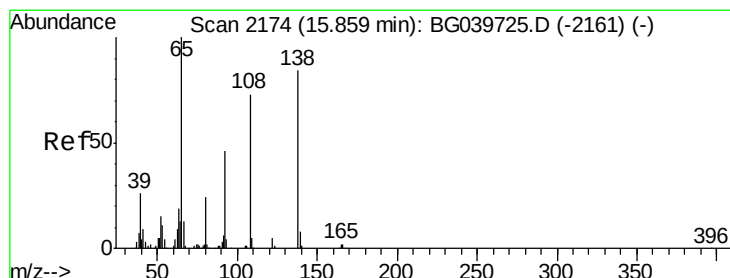
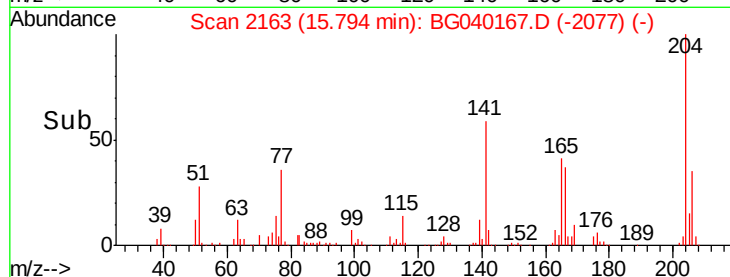
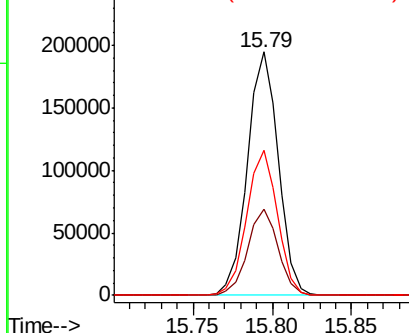
#61
 4-Chlorophenyl-phenylether
 Concen: 39.051 ng
 RT: 15.79 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 263441
 Ion Ratio Lower Upper
 204 100
 206 35.3 29.2 43.8
 141 59.4 49.0 73.4

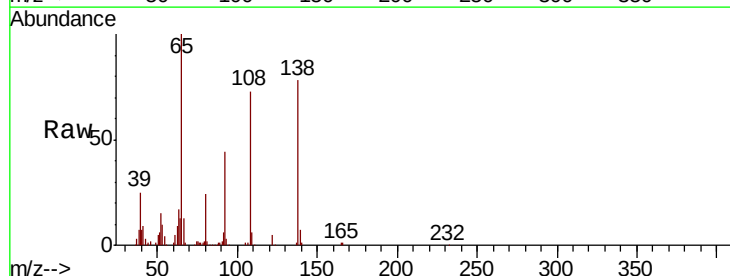


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

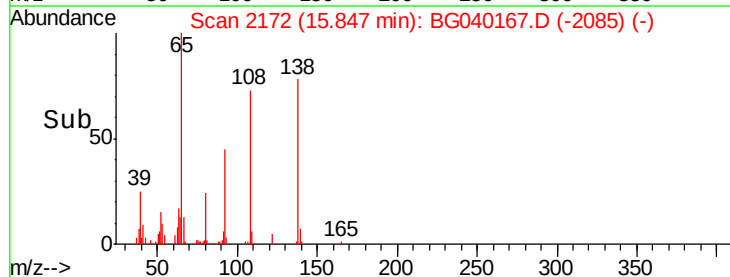
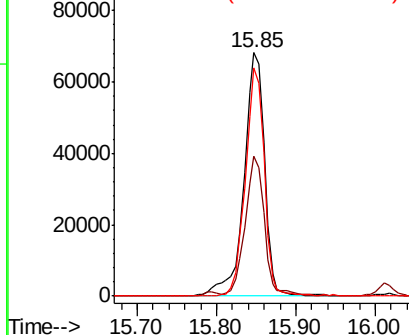


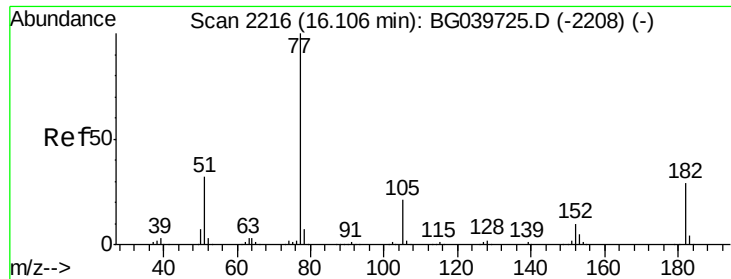
#62
 4-Nitroaniline
 Concen: 39.638 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:138 Resp: 122765
 Ion Ratio Lower Upper
 138 100
 92 57.3 38.7 78.7
 108 93.8 74.6 114.6



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

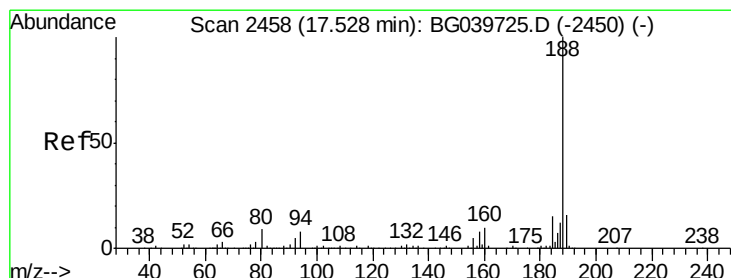
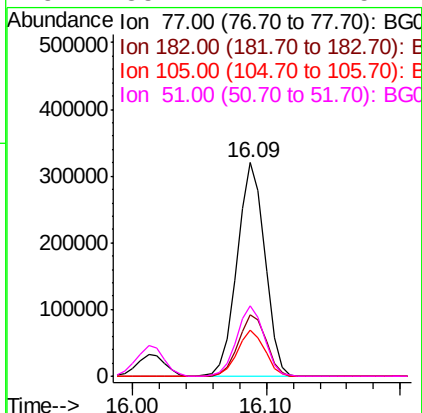
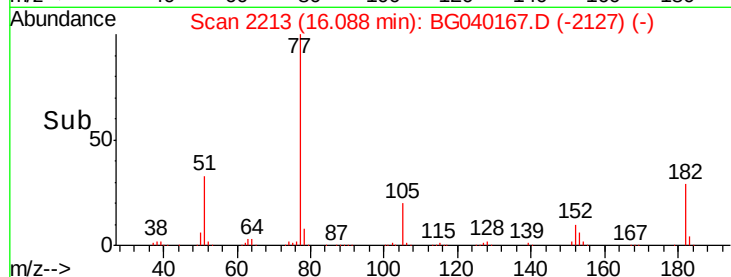
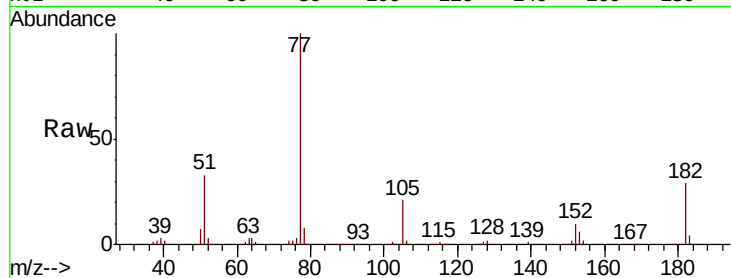




#63
Azobenzene
Concen: 38.252 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

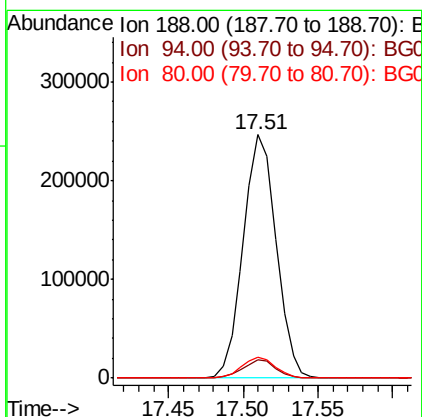
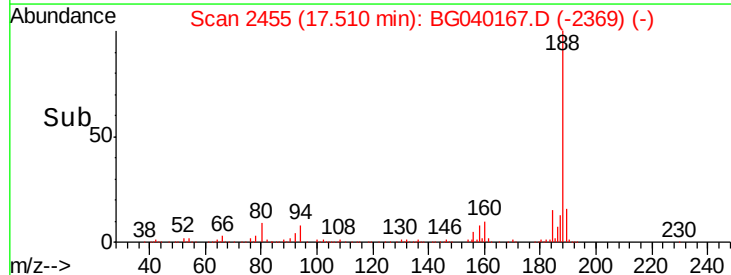
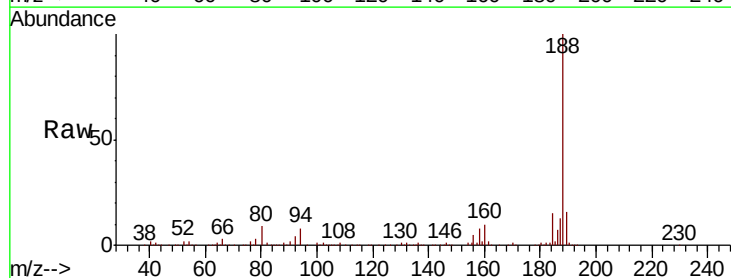
Instrument :
BNA_G
ClientSampled :

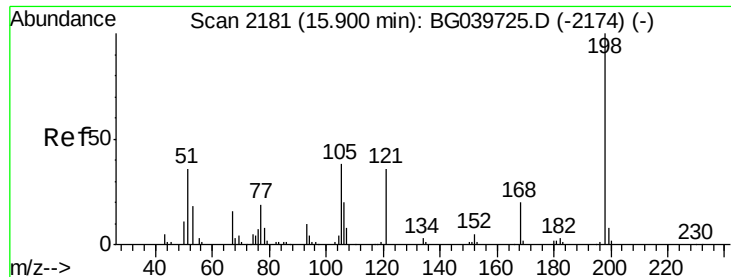
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.4	46.4
105	21.3	0.0	39.8
51	33.1	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.928 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

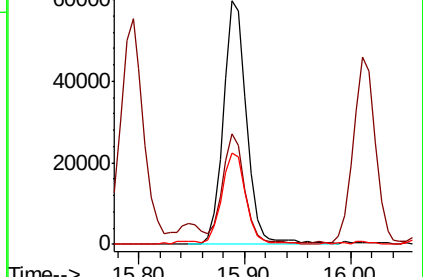
Tot Ion:198 Resp: 91123

Ion	Ratio	Lower	Upper
198	100		
51	45.4	27.4	67.4
105	37.6	19.7	59.7

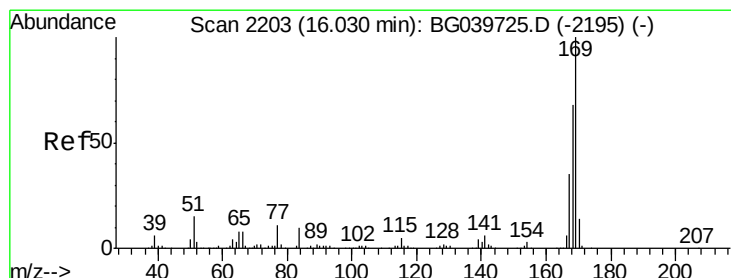
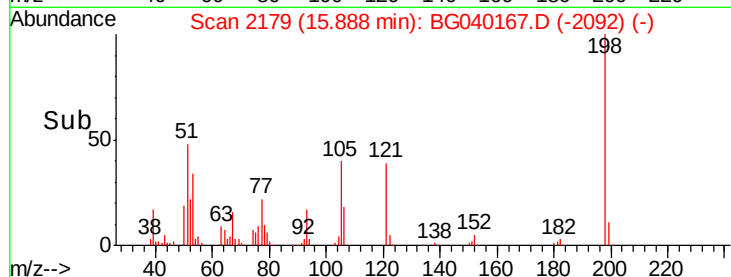
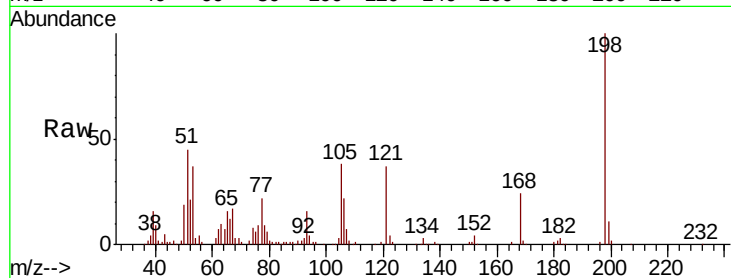
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.990 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

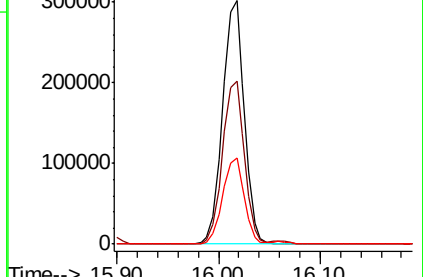
Tgt Ion:169 Resp: 446841

Ion	Ratio	Lower	Upper
169	100		
168	67.0	56.6	85.0
167	35.2	28.8	43.2

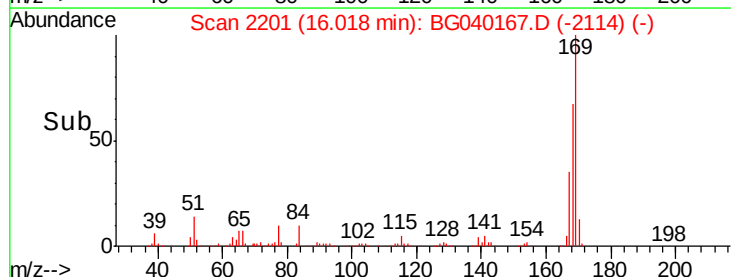
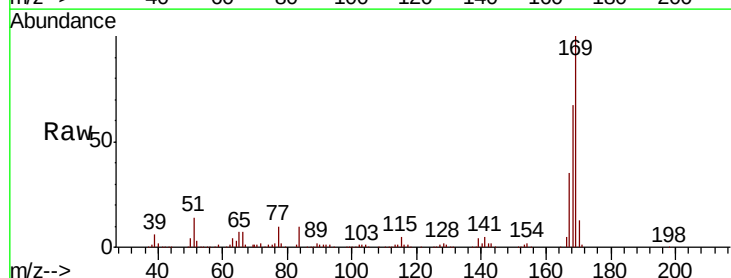
Abundance Ion 169.00 (168.70 to 169.70): E

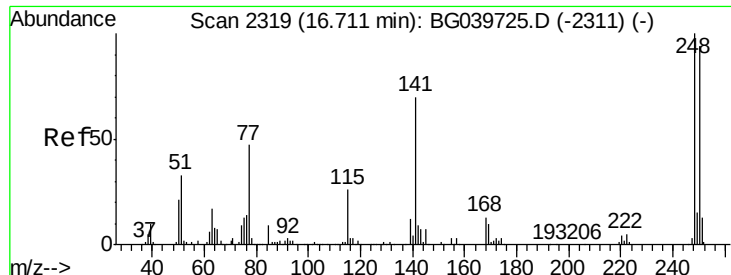
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

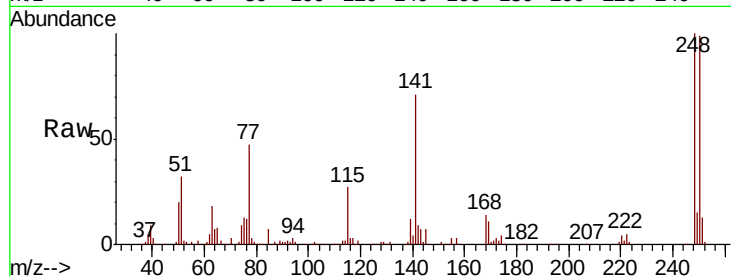




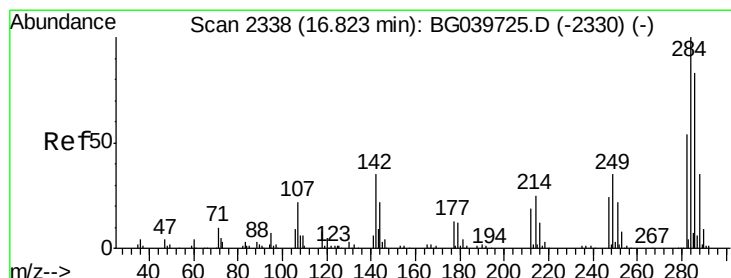
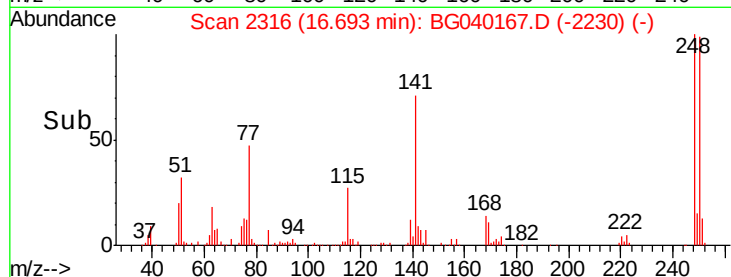
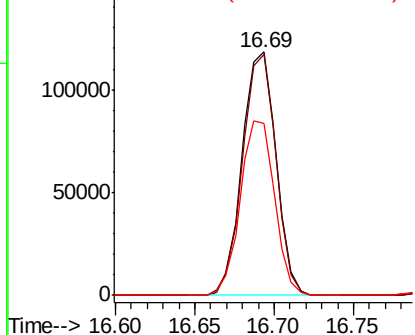
#67
4-Bromophenyl-phenylether
Concen: 41.743 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 175940
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 70.6 63.9 95.9

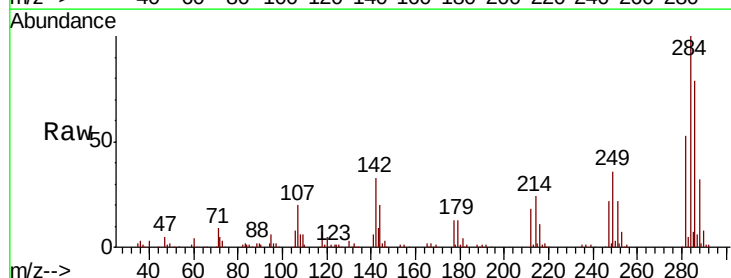


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

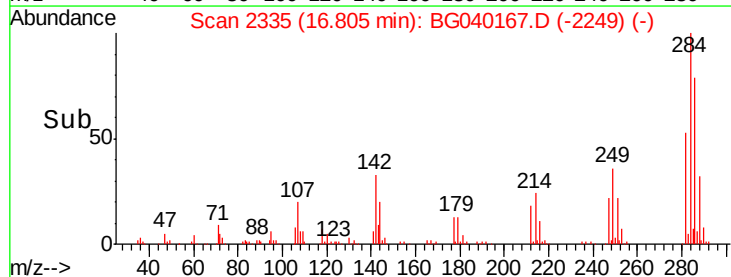
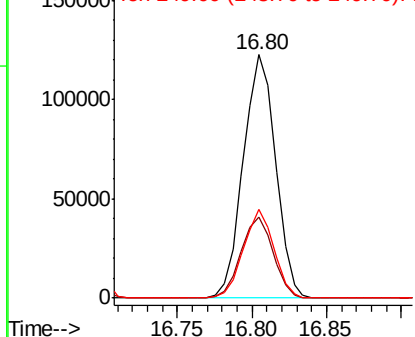


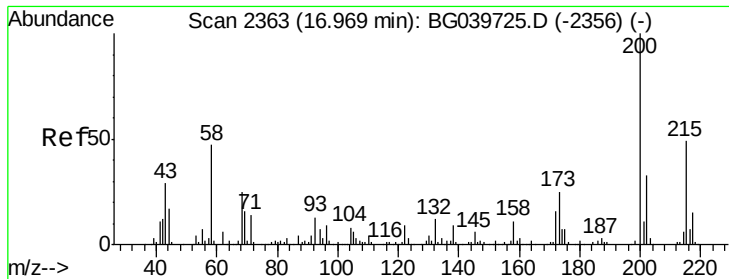
#68
Hexachlorobenzene
Concen: 41.915 ng
RT: 16.80 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:284 Resp: 183125
Ion Ratio Lower Upper
284 100
142 33.3 30.6 45.8
249 36.3 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

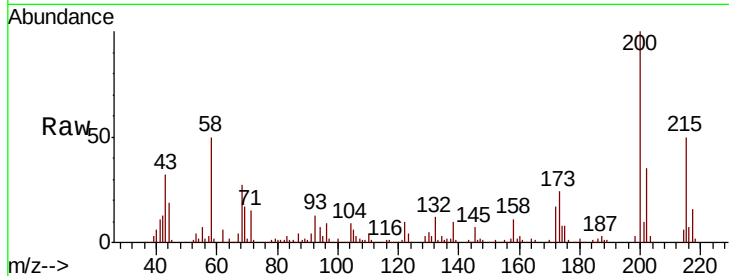




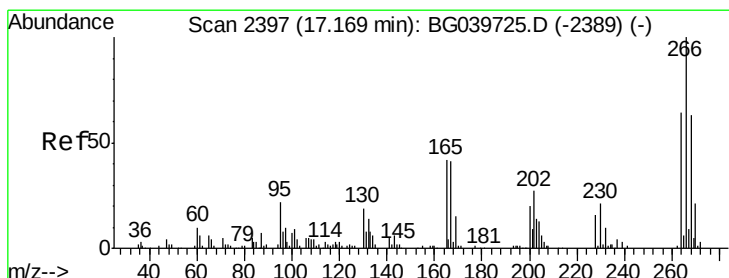
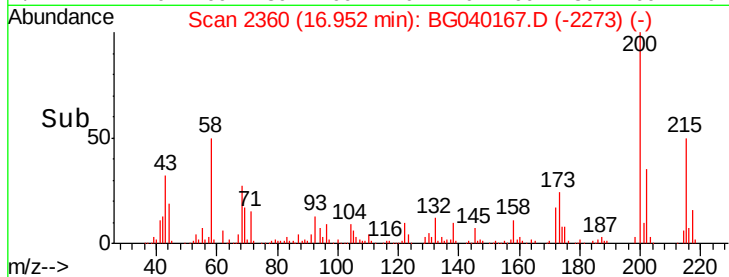
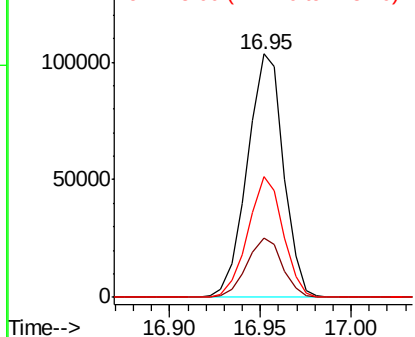
#69
 Atrazine
 Concen: 33.360 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.9	43.9
215	49.8	30.9	70.9

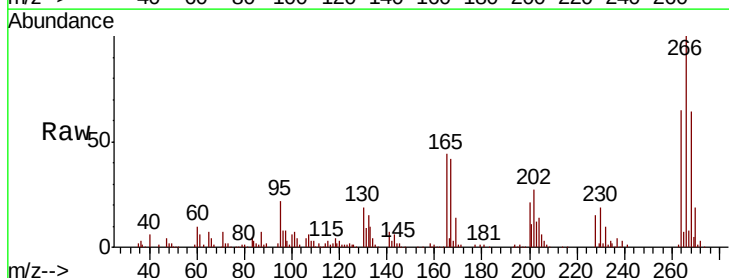


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

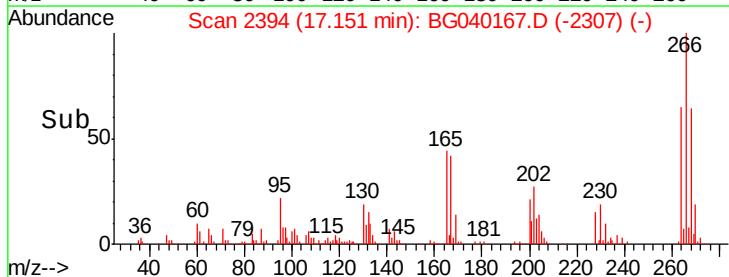
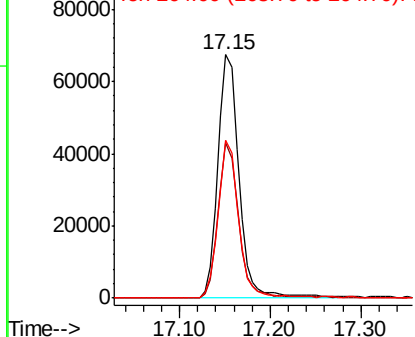


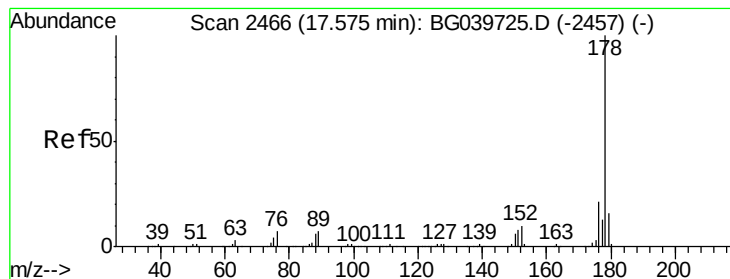
#70
 Pentachlorophenol
 Concen: 39.541 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.8	52.1	78.1



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





#71

Phenanthrene

Concen: 38.393 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

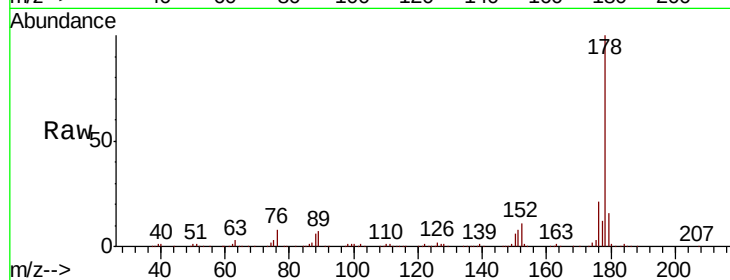
Tot Ion:178 Resp: 796301

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

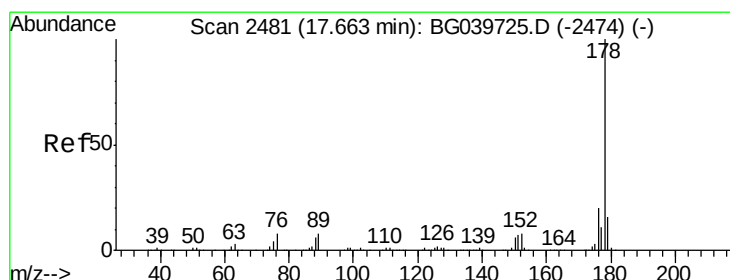
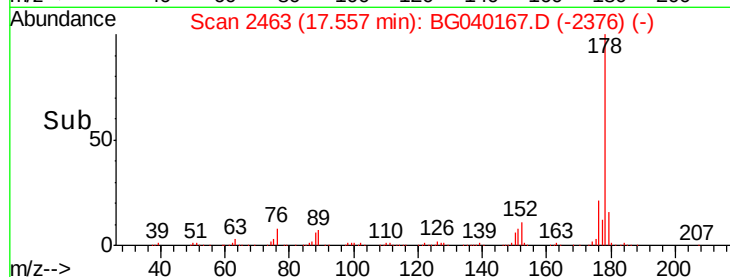
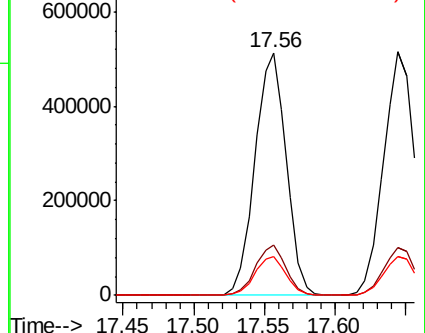
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.270 ng

RT: 17.64 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

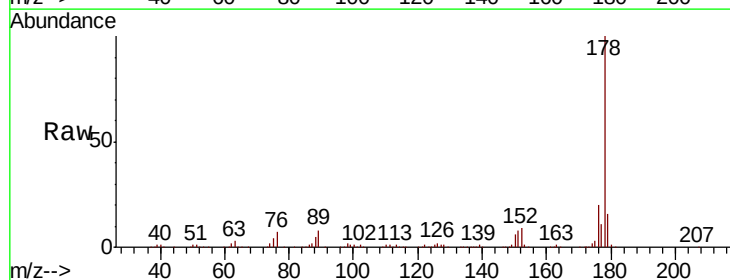
Tgt Ion:178 Resp: 793721

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

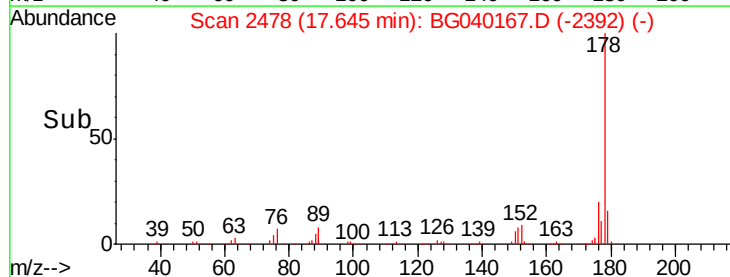
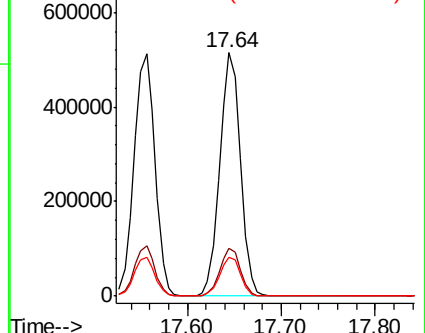
179 16.1 12.5 18.7

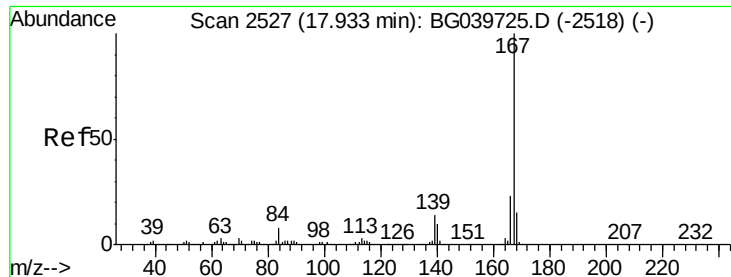


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

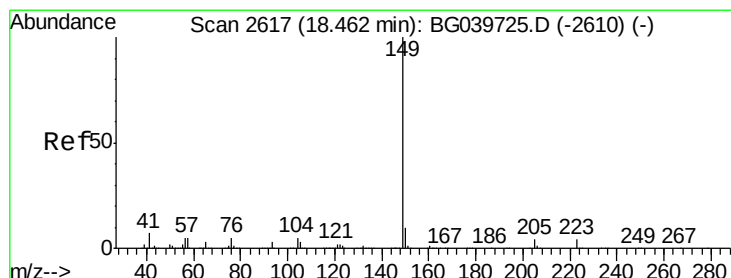
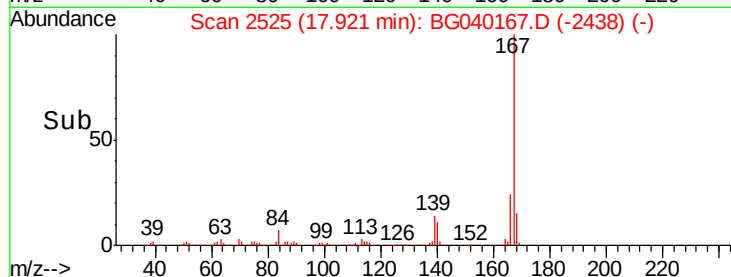
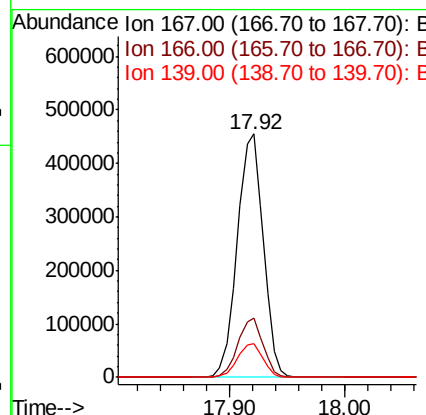
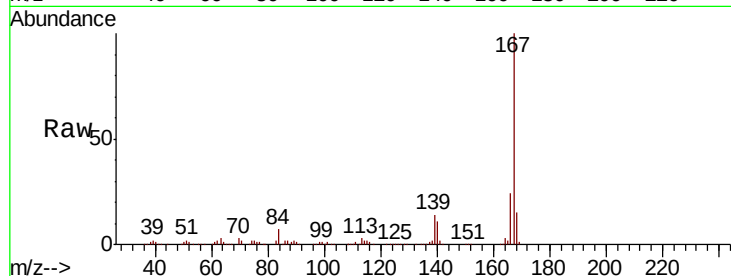




#73
 Carbazole
 Concen: 38.937 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

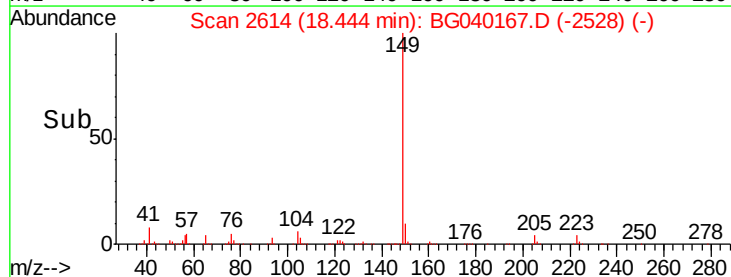
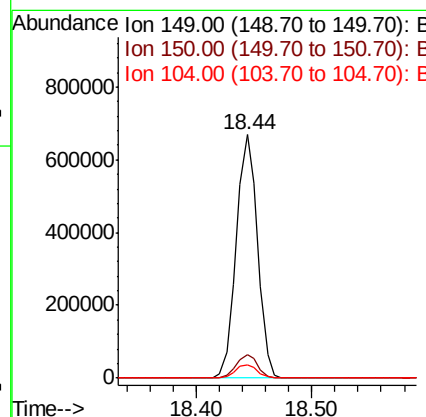
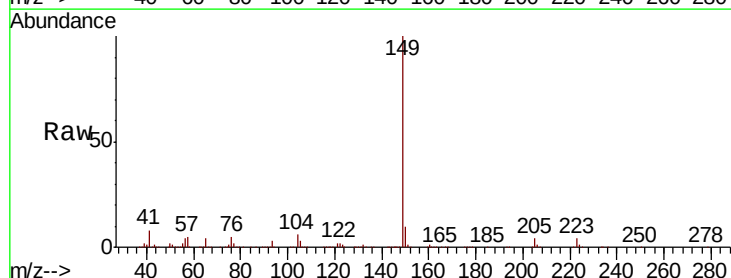
Instrument :
 BNA_G
 ClientSampleId :

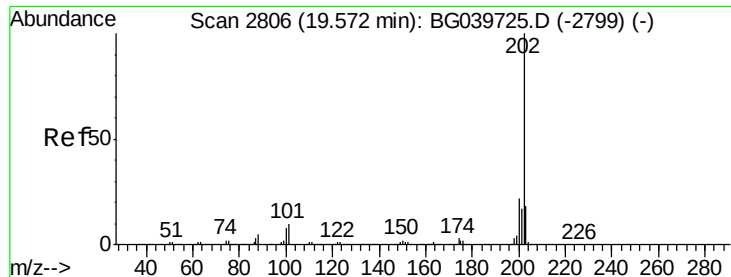
Tot Ion:167 Resp: 709474
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.655 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040167.D
 Acq: 27 Mar 2019 4:21

Tgt Ion:149 Resp: 850139
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 38.142 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

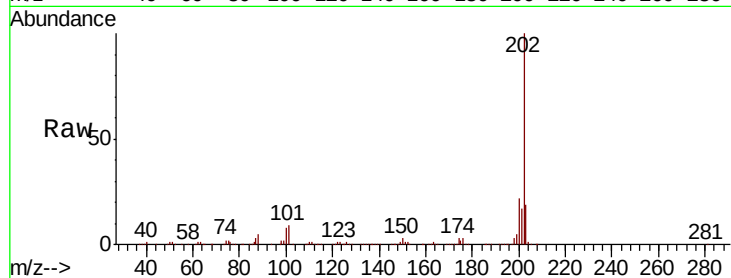
Tot Ion:202 Resp: 934949

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

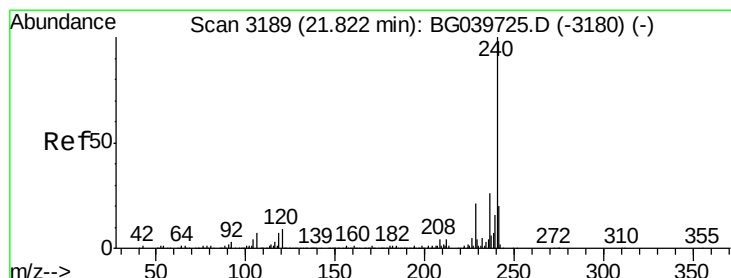
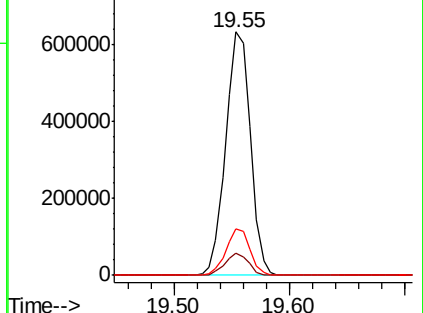
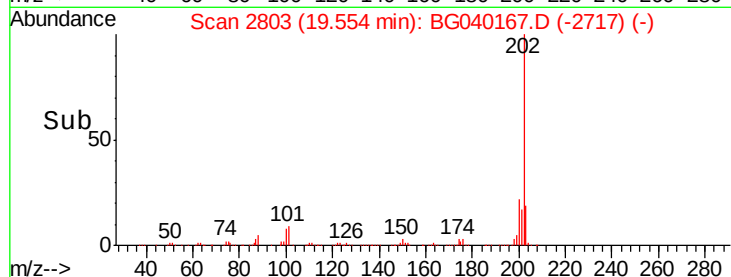
203 18.9 0.0 38.9



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

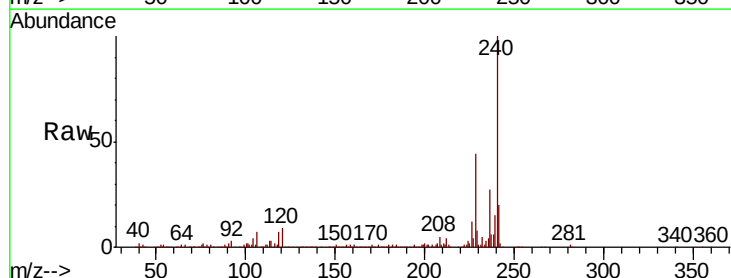
Tgt Ion:240 Resp: 368748

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

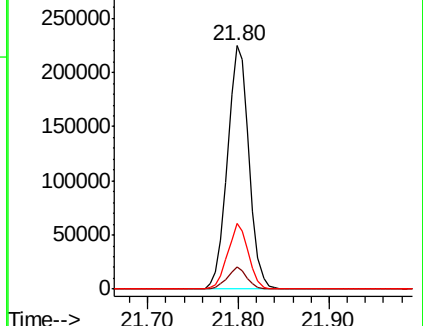
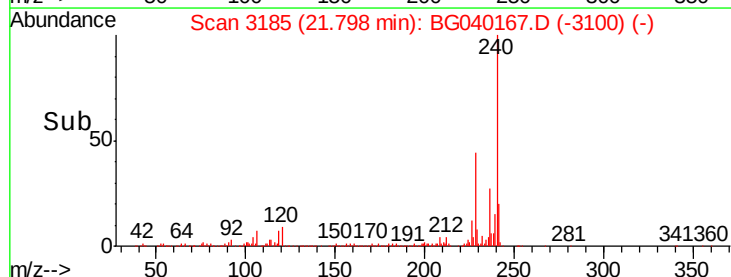
236 27.0 21.0 31.4

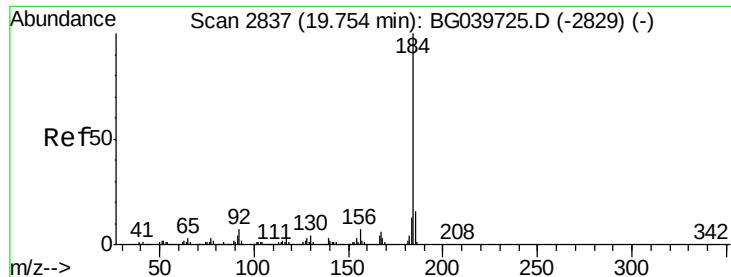


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.080 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

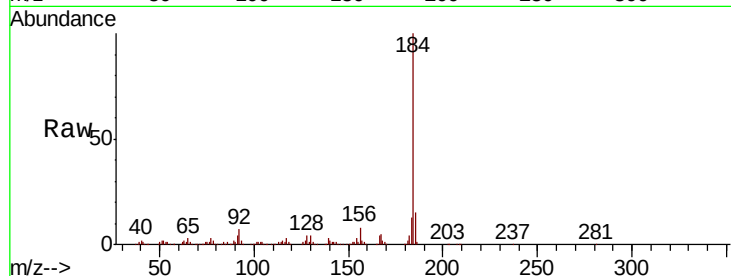
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 363683

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

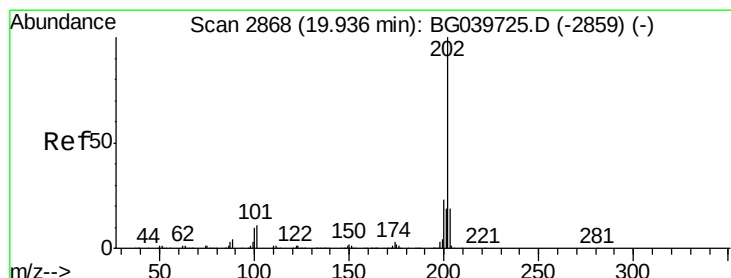
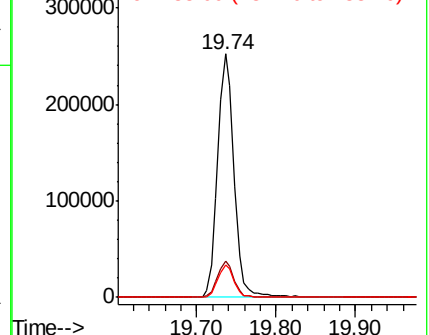
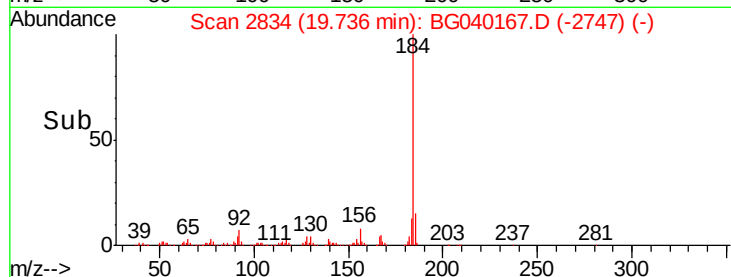


Abundance

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



#78

Pyrene

Concen: 38.956 ng

RT: 19.92 min Scan# 2865

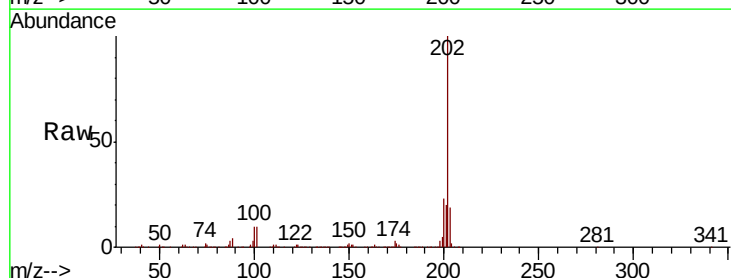
Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Tgt Ion:202 Resp: 933431

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	19.4	15.3	22.9

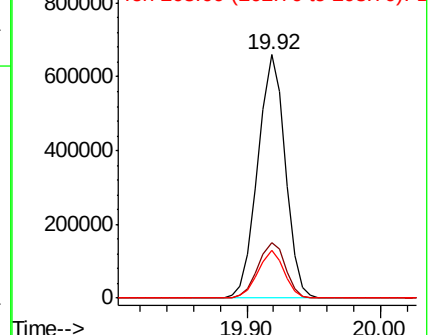
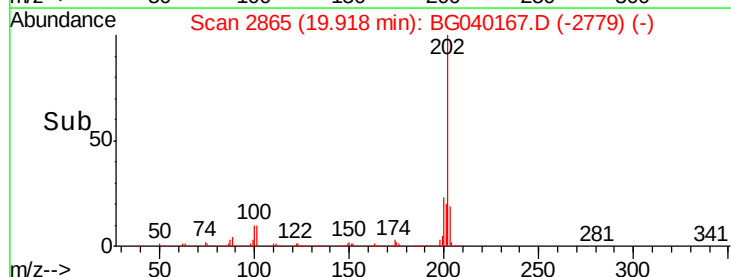


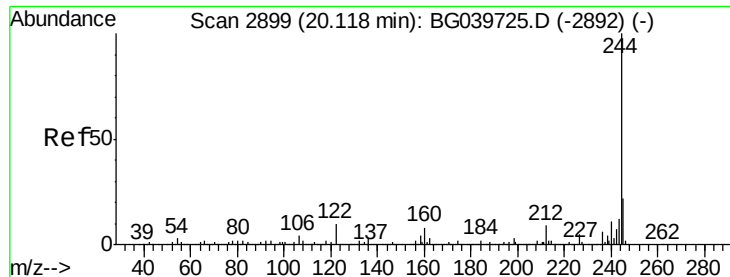
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.503 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

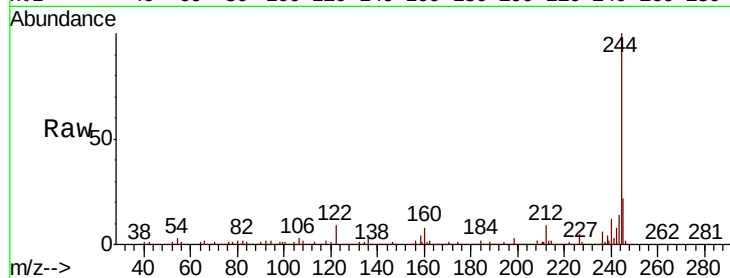
Tot Ion:244 Resp: 1297976

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	8.8	8.4	12.6

244 100

212 9.1 7.3 10.9

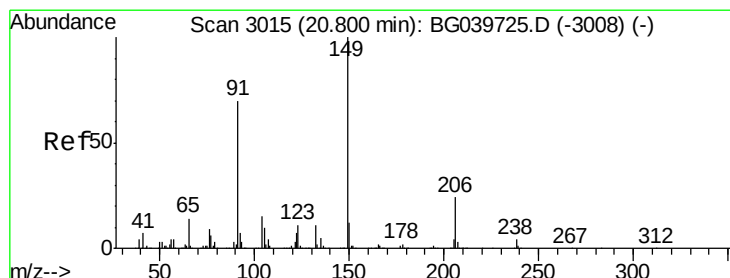
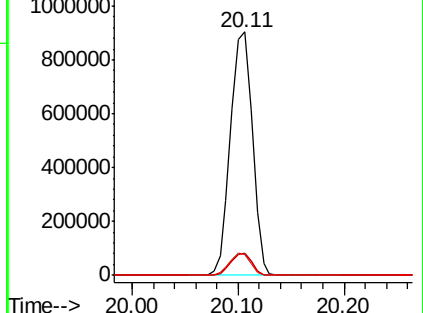
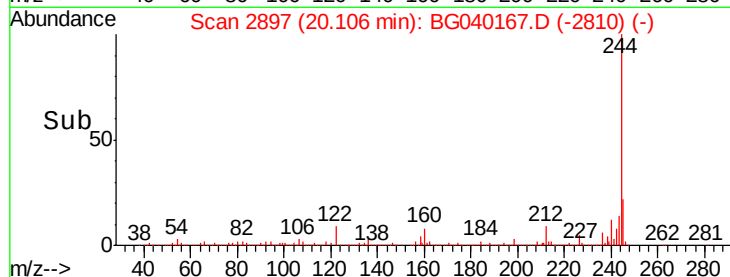
122 8.8 8.4 12.6



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: 41.877 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

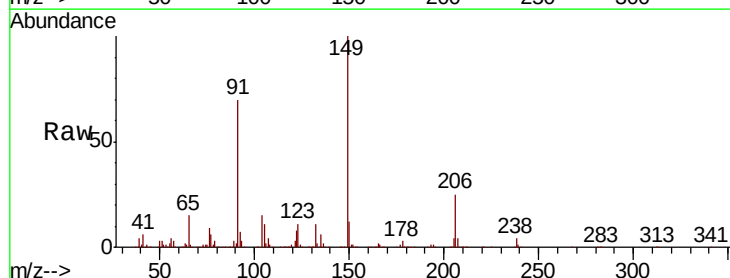
Tgt Ion:149 Resp: 388756

Ion	Ratio	Lower	Upper
149	100		
91	69.5	59.5	89.3
206	25.0	18.6	27.8

149 100

91 69.5 59.5 89.3

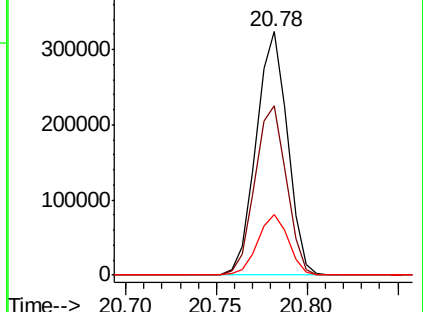
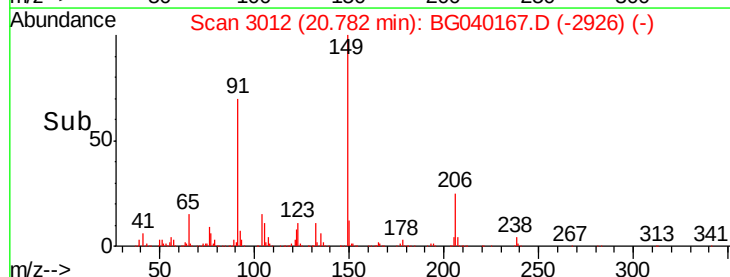
206 25.0 18.6 27.8

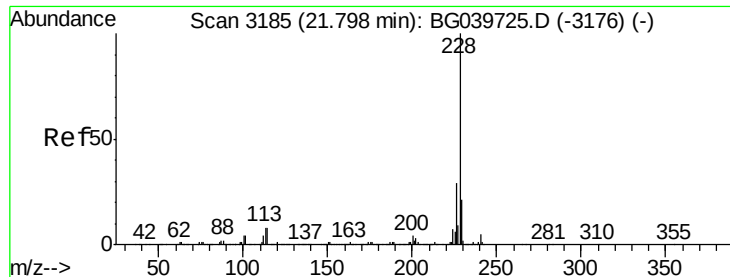


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.382 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

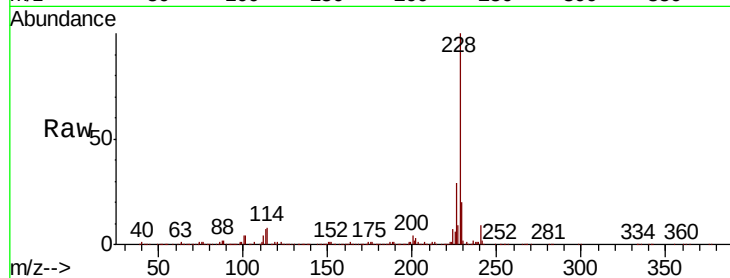
Tot Ion:228 Resp: 910126

Ion Ratio Lower Upper

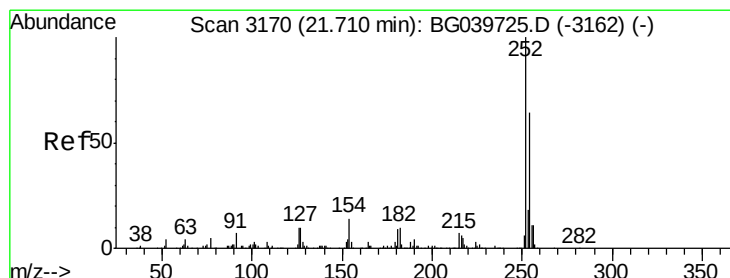
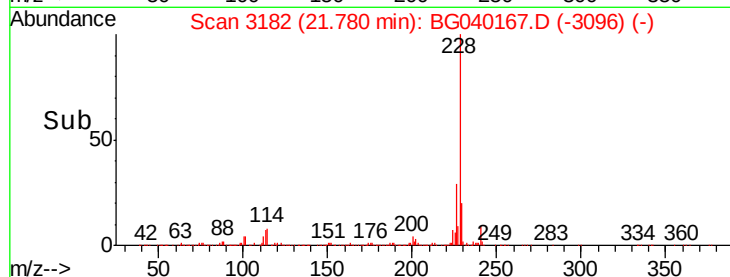
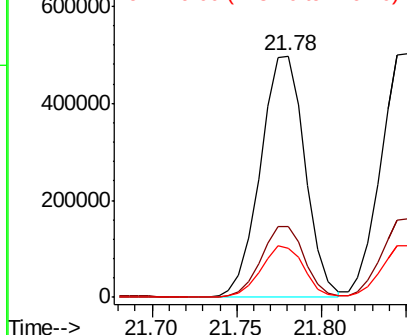
228 100

226 29.3 23.0 34.6

229 20.5 16.9 25.3



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



#82

3,3'-Dichlorobenzidine

Concen: 39.585 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

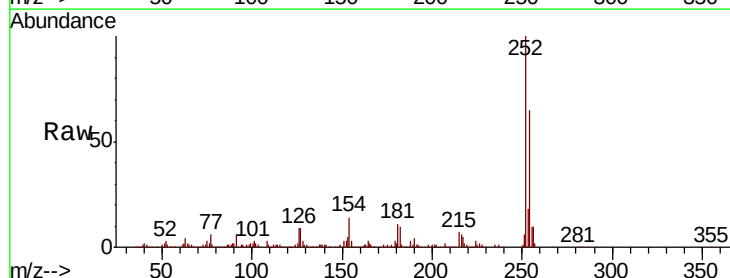
Tgt Ion:252 Resp: 334000

Ion Ratio Lower Upper

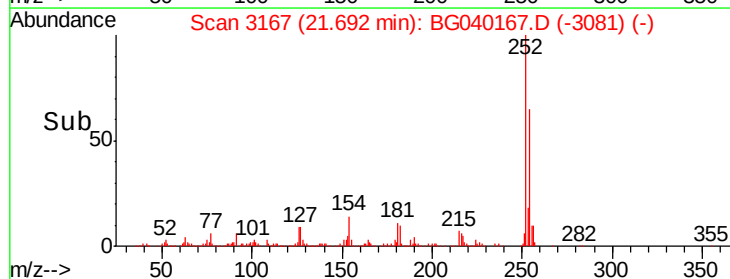
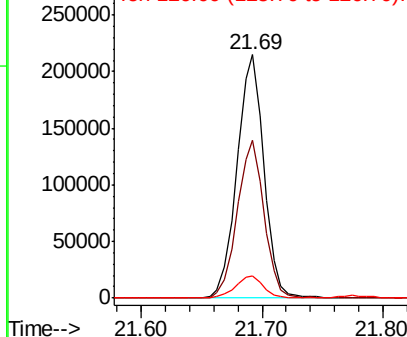
252 100

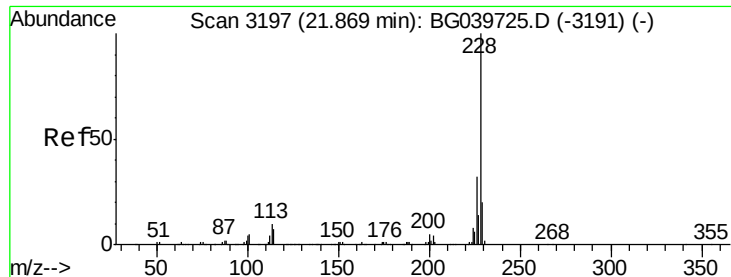
254 65.0 51.3 76.9

126 9.0 8.0 12.0



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





#83

Chrysene

Concen: 39.150 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

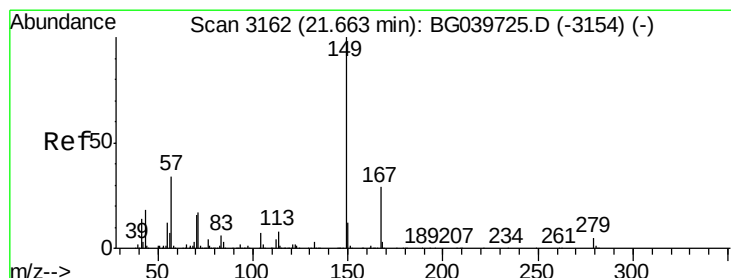
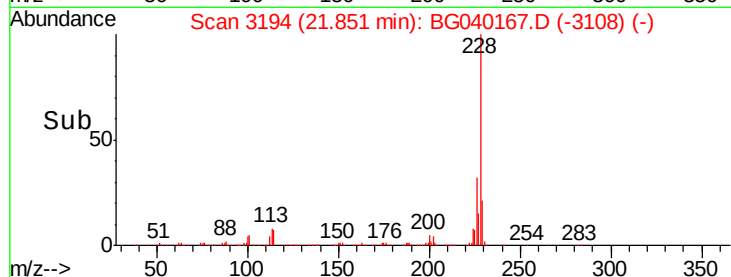
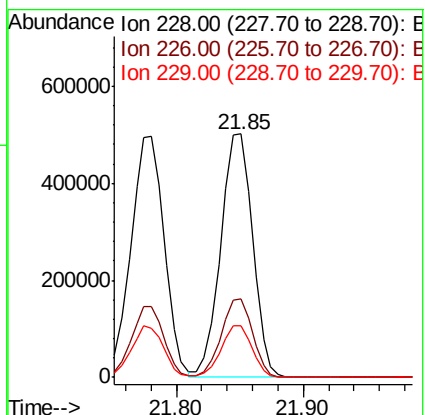
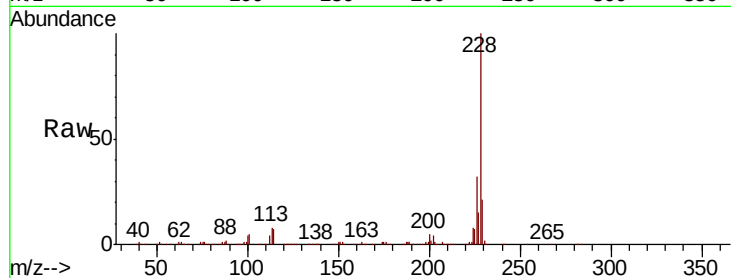
Tot Ion:228 Resp: 877162

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	21.1	16.6	25.0

228 100

226 32.3 25.8 38.6

229 21.1 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.453 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

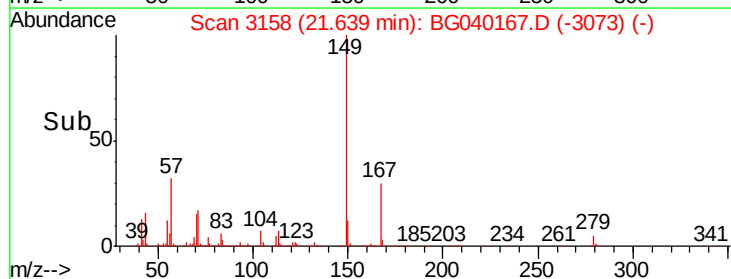
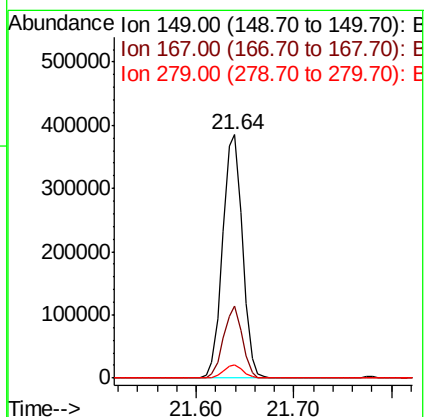
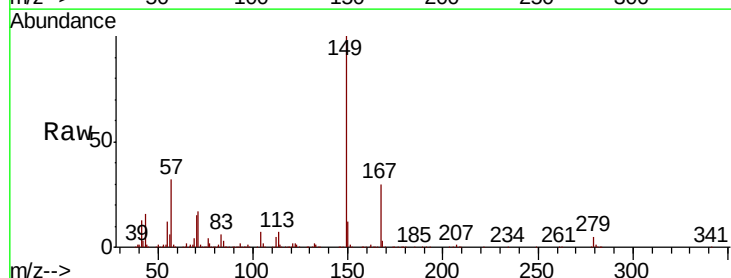
Tgt Ion:149 Resp: 540761

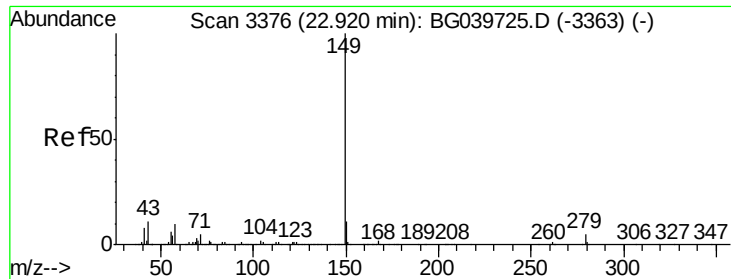
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.6	34.0
279	5.4	3.5	5.3

149 100

167 29.8 22.6 34.0

279 5.4 3.5 5.3

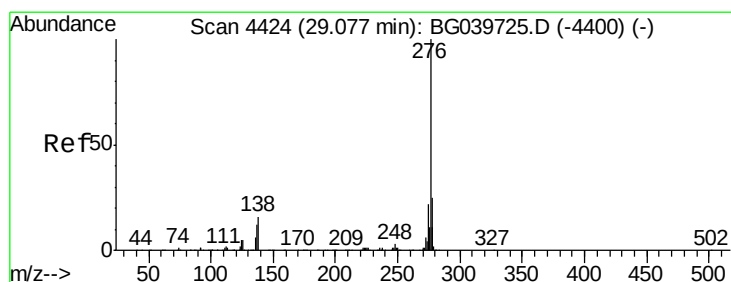
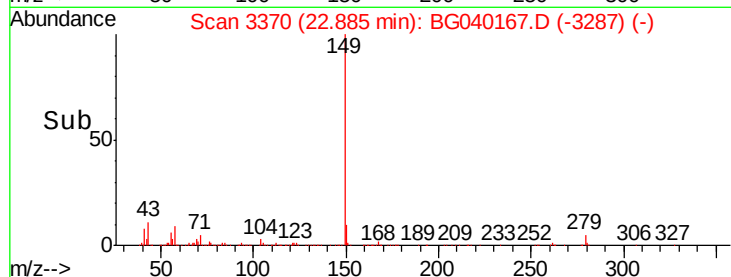
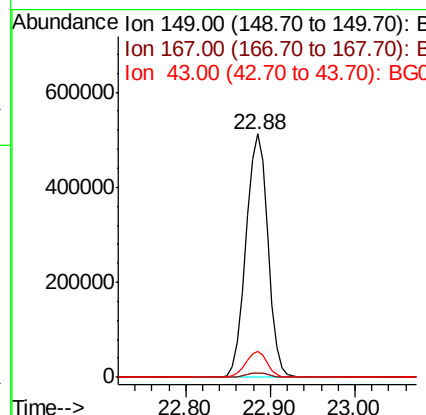
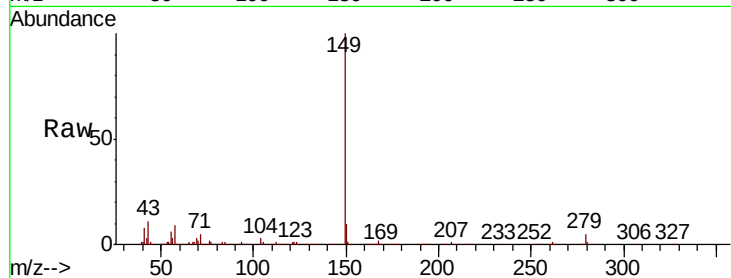




#85
Di-n-octyl phthalate
Concen: 42.221 ng
RT: 22.88 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

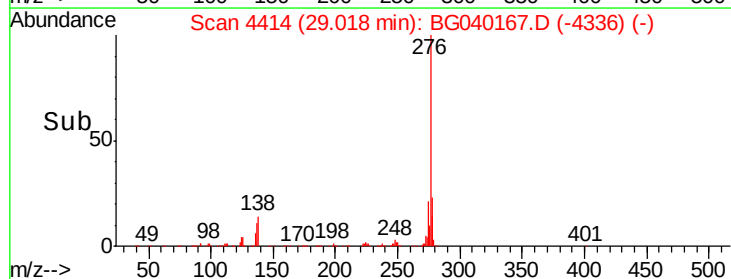
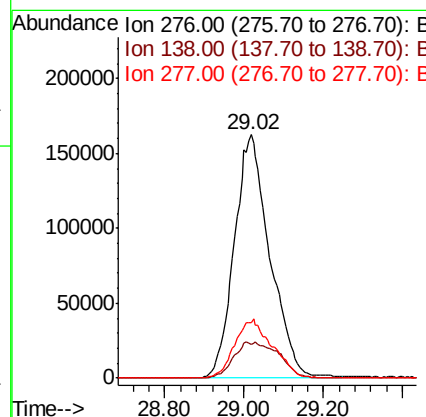
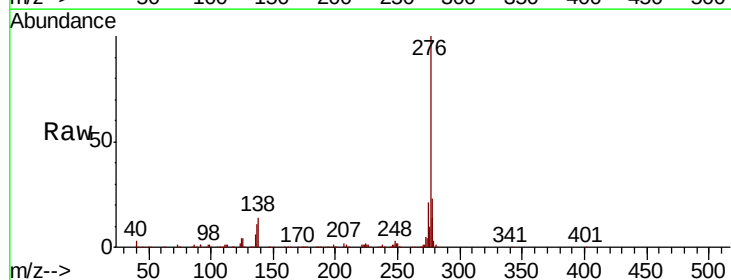
Instrument :
BNA_G
ClientSampleId :

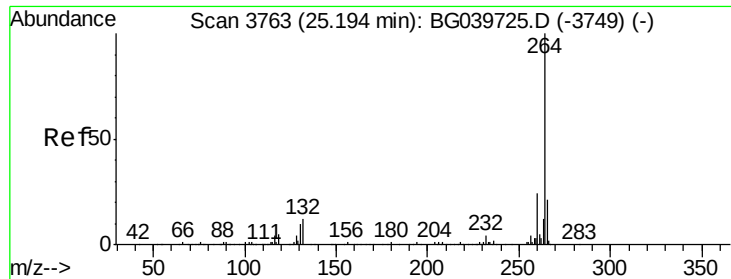
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.869 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.07 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.6	12.6	19.0#
277	25.5	20.8	31.2



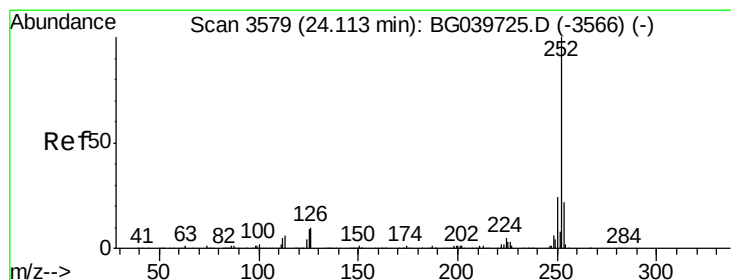
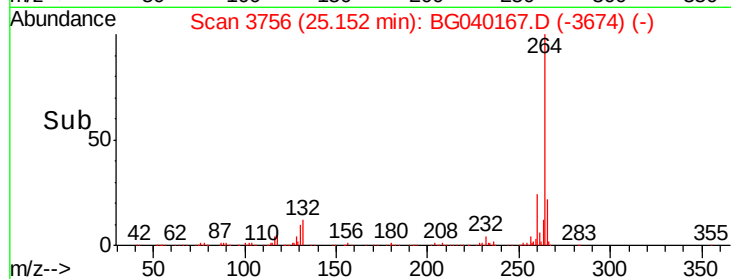
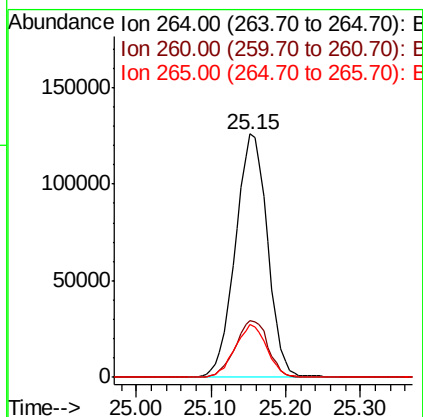
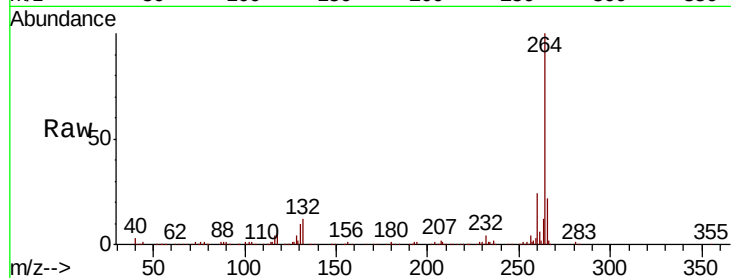


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 376370

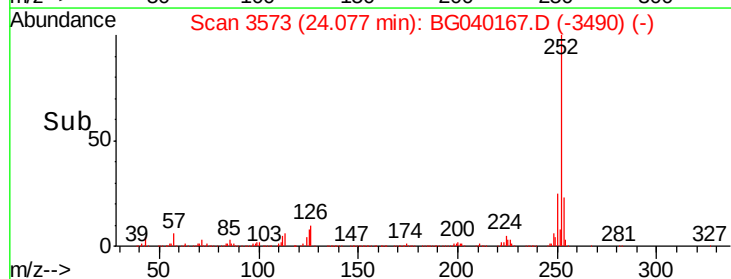
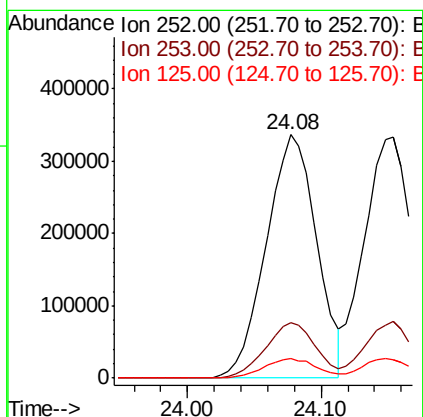
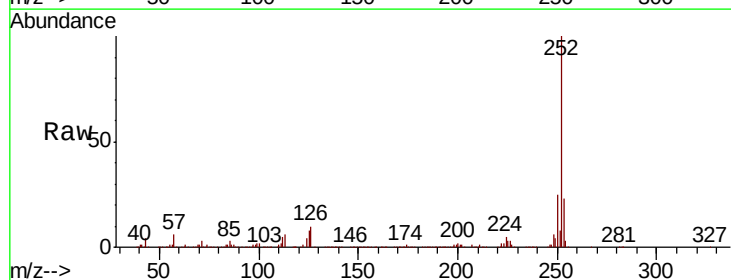
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.5	18.5	27.7

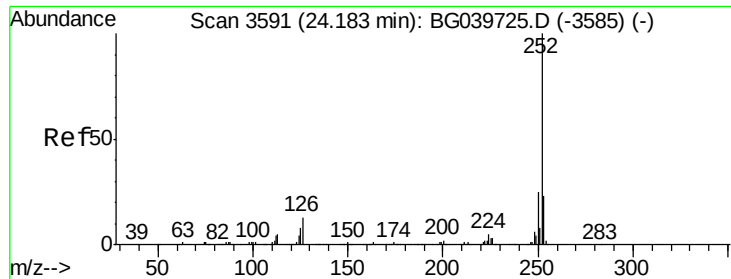


#88
Benzo(b)fluoranthene
Concen: 39.386 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion:252 Resp: 883964

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	8.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 39.594 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

Instrument :

BNA_G

ClientSampleId :

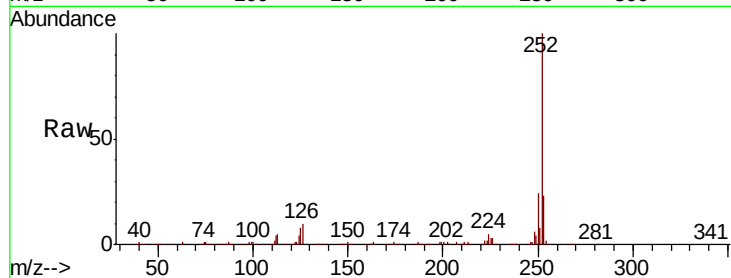
Tot Ion:252 Resp: 827193

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

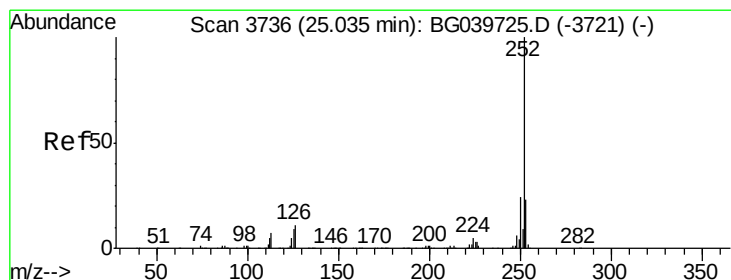
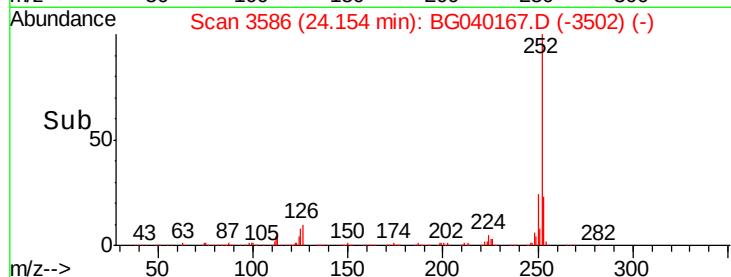
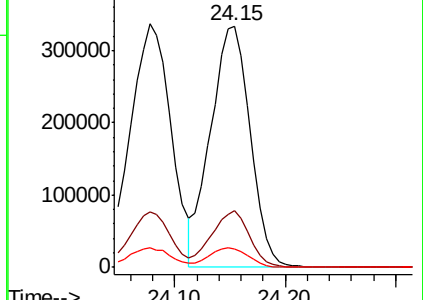
125 7.7 7.4 11.2



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: 41.233 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040167.D

Acq: 27 Mar 2019 4:21

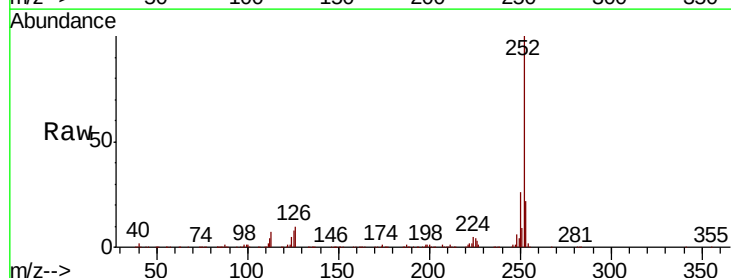
Tgt Ion:252 Resp: 855135

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

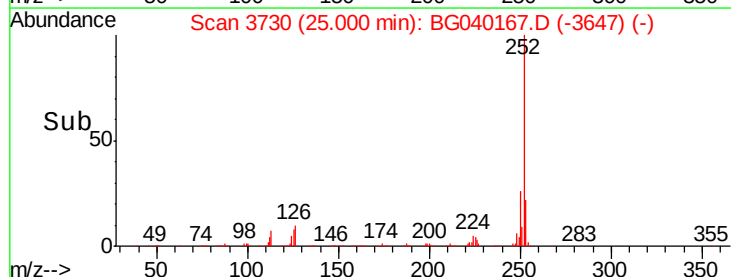
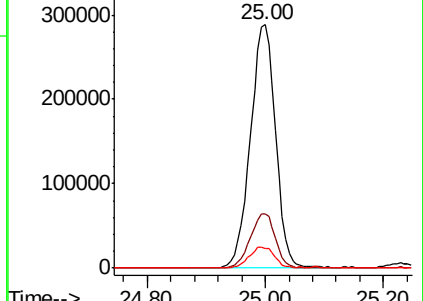
125 7.9 8.3 12.5#

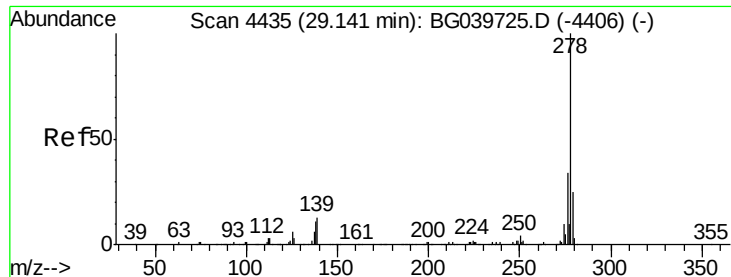


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

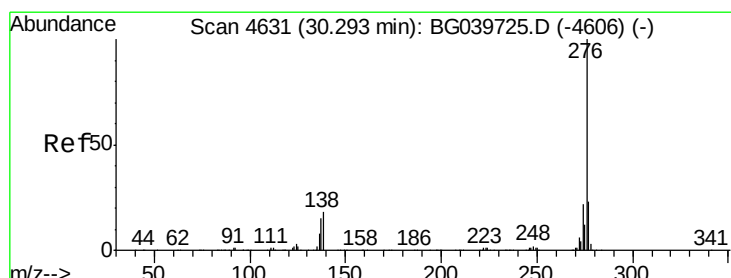
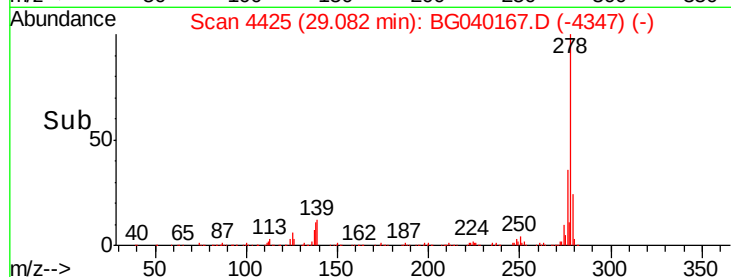
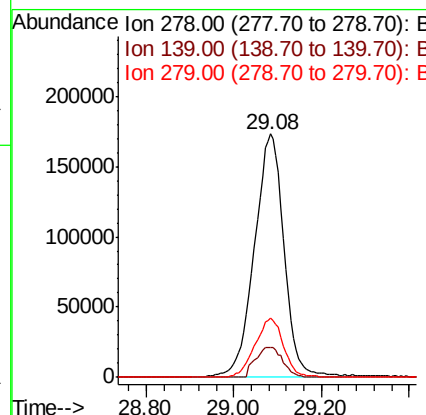
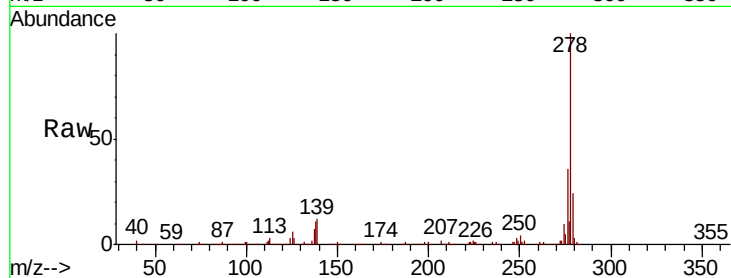




#91
Dibenzo(a,h)anthracene
Concen: 39.380 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.7	17.5
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.194 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040167.D
Acq: 27 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	16.7	14.7	22.1

