

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041151.D
 Acq On : 9 Jun 2019 3:32
 Operator : HP/JU
 Sample : 8270PBBS2
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:04:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	32305	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	138461	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	115095	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	304835	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	303869	20.00	ng	-0.02
87) Perylene-d12	25.08	264	329191	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	270779	151.14	ng	-0.02
7) Phenol-d6	7.26	99	404480	146.19	ng	-0.01
23) Nitrobenzene-d5	9.28	82	272339	87.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	256914	150.36	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	690001	86.34	ng	-0.02
79) Terphenyl-d14	20.08	244	1378194	96.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	26444	32.528	ng	# 85
3) Pyridine	3.91	79	79140	32.899	ng	98
4) n-Nitrosodimethylamine	3.82	42	46976	42.077	ng	80
6) Aniline	7.43	93	70445	19.075	ng	98
8) 2-Chlorophenol	7.66	128	101530	47.537	ng	95
9) Benzaldehyde	7.24	77	34485	20.894	ng	85
10) Phenol	7.28	94	140545	47.376	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	90180	41.903	ng	97
12) 1,3-Dichlorobenzene	7.99	146	102491	40.177	ng	97
13) 1,4-Dichlorobenzene	8.14	146	108830	42.147	ng	95
14) 1,2-Dichlorobenzene	8.46	146	102701	40.964	ng	95
15) Benzyl Alcohol	8.34	79	112886	44.106	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	136356	38.774	ng	96
17) 2-Methylphenol	8.54	107	98378	45.801	ng	99
18) Hexachloroethane	9.19	117	39120	39.309	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	85812	40.302	ng	# 95
20) 3+4-Methylphenols	8.87	107	133168	44.758	ng	95
22) Acetophenone	8.94	105	171168	44.069	ng	# 97
24) Nitrobenzene	9.32	77	139769	43.974	ng	95
25) Isophorone	9.84	82	257130	43.320	ng	99
26) 2-Nitrophenol	10.03	139	62518	47.712	ng	92
27) 2,4-Dimethylphenol	10.08	122	110597	51.106	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	133339	41.622	ng	96
29) 2,4-Dichlorophenol	10.56	162	127380	46.352	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	133494	42.701	ng	98
31) Naphthalene	10.97	128	338204	45.494	ng	97
32) Benzoic acid	10.22	122	72501	43.918	ng	100
33) 4-Chloroaniline	11.09	127	51884	15.042	ng	94
34) Hexachlorobutadiene	11.24	225	95532	39.937	ng	96
35) Caprolactam	11.87	113	32307	35.600	ng	98
36) 4-Chloro-3-methylphenol	12.20	107	153521	48.915	ng	98
37) 2-Methylnaphthalene	12.57	142	265218	46.321	ng	98
38) 1-Methylnaphthalene	12.80	142	251625	46.637	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	195953	42.241	ng	99

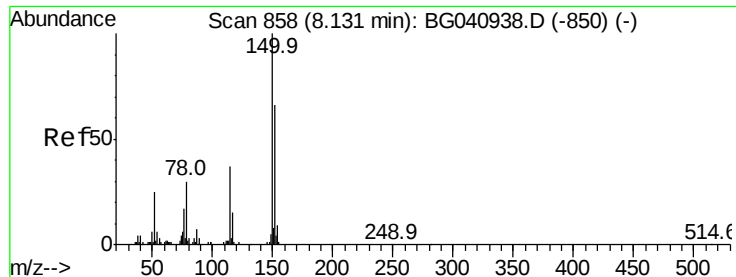
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	197600	79.319	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	135772	45.242	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	146849	46.398	ng	96
46) 1,1'-Biphenyl	13.57	154	370447	43.482	ng	98
47) 2-Chloronaphthalene	13.62	162	309552	42.324	ng	99
48) 2-Nitroaniline	13.83	65	117203	44.668	ng	98
49) Acenaphthylene	14.46	152	504742	45.853	ng	99
50) Dimethylphthalate	14.19	163	420181	43.127	ng	99
51) 2,6-Dinitrotoluene	14.32	165	97070	46.210	ng	96
52) Acenaphthene	14.81	154	299357	44.891	ng	99
53) 3-Nitroaniline	14.65	138	53423	25.433	ng	99
54) 2,4-Dinitrophenol	14.85	184	102250	89.040	ng	96
55) Dibenzofuran	15.13	168	514771	45.877	ng	98
56) 4-Nitrophenol	14.95	139	151989	105.489	ng	94
57) 2,4-Dinitrotoluene	15.10	165	144560	48.717	ng	99
58) Fluorene	15.78	166	416379	46.596	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	156784	50.407	ng	98
60) Diethylphthalate	15.54	149	438973	44.150	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	261172	44.965	ng	95
62) 4-Nitroaniline	15.82	138	99535	44.759	ng	93
63) Azobenzene	16.06	77	412137	45.606	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	79507	48.553	ng	97
66) n-Nitrosodiphenylamine	15.99	169	382748	44.665	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	171838	41.770	ng	95
68) Hexachlorobenzene	16.77	284	182797	41.729	ng	99
69) Atrazine	16.93	200	166014	50.208	ng	98
70) Pentachlorophenol	17.13	266	200761	85.255	ng	99
71) Phenanthrene	17.53	178	730360	45.997	ng	99
72) Anthracene	17.61	178	745971	47.634	ng	100
73) Carbazole	17.89	167	650426	48.405	ng	99
74) Di-n-butylphthalate	18.42	149	761871	45.619	ng	98
75) Fluoranthene	19.53	202	949108	48.393	ng	99
77) Benzidine	19.71	184	173620	23.951	ng	96
78) Pyrene	19.89	202	950869	48.137	ng	99
80) Butylbenzylphthalate	20.75	149	356926	46.431	ng	99
81) Benzo(a)anthracene	21.74	228	923119	45.637	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	176052	24.746	ng	99
83) Chrysene	21.81	228	899269	46.457	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	485310	44.847	ng	97
85) Di-n-octyl phthalate	22.84	149	842464	46.745	ng	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	1071072	45.171	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	929912	46.573	ng	99
89) Benzo(k)fluoranthene	24.09	252	916882	46.405	ng	99
90) Benzo(a)pyrene	24.93	252	909778	47.759	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	879913	46.227	ng	99
92) Benzo(g,h,i)perylene	30.11	276	840205	45.435	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

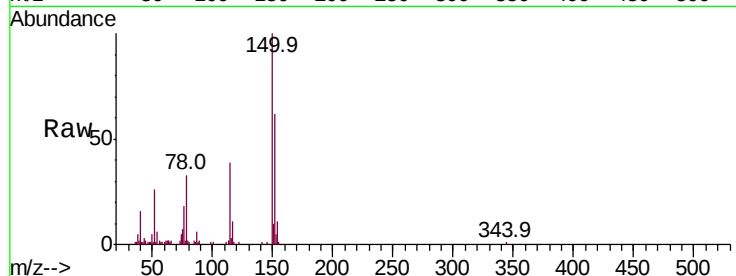
Tot Ion:152 Resp: 32305

Ion Ratio Lower Upper

152 100

150 160.2 120.6 180.8

115 61.9 45.1 67.7



Abundance

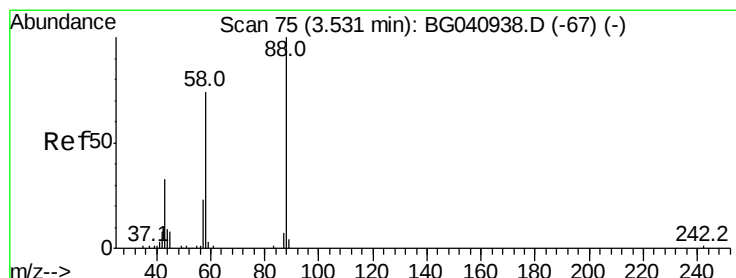
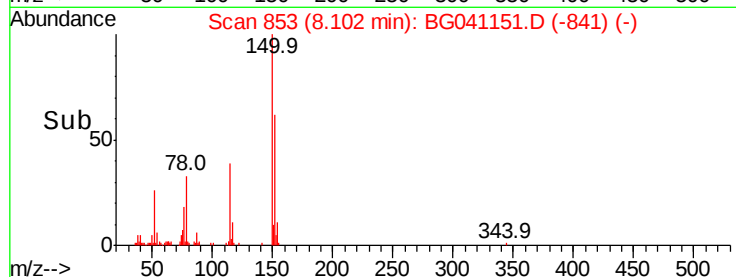
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.10

Time-->



#2

1,4-Dioxane

Concen: 32.528 ng

RT: 3.50 min Scan# 69

Delta R.T. -0.04 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

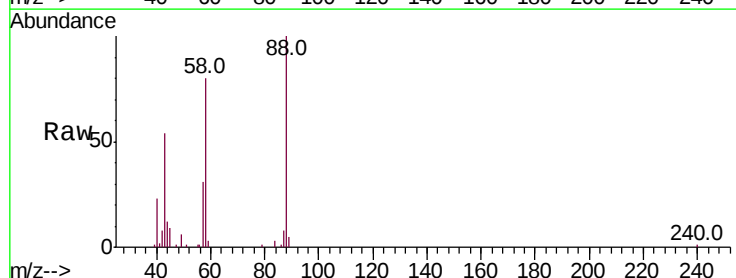
Tgt Ion: 88 Resp: 26444

Ion Ratio Lower Upper

88 100

58 81.1 59.0 88.6

43 50.1 27.2 40.8#



Abundance

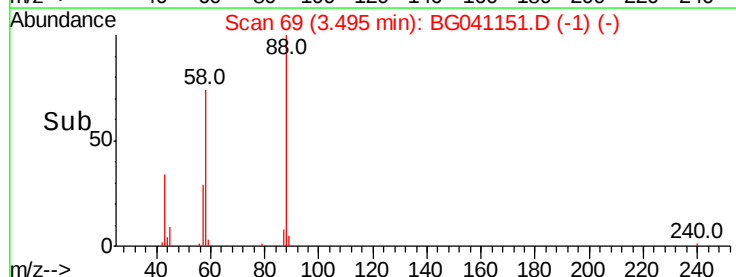
Ion 88.00 (87.70 to 88.70): BGC

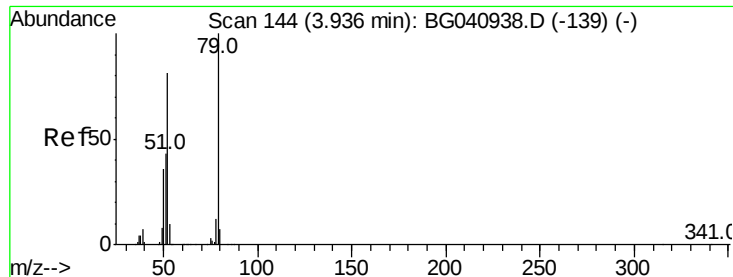
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.50

Time-->





#3

Pvridine

Concen: 32.899 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampled :

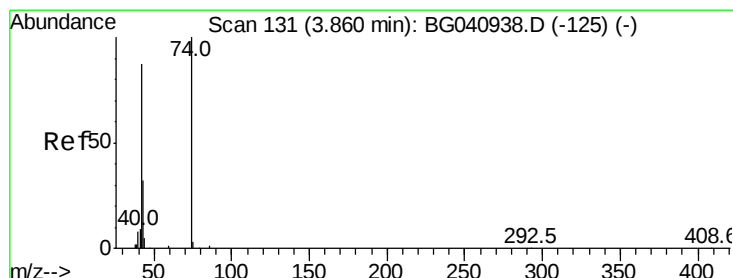
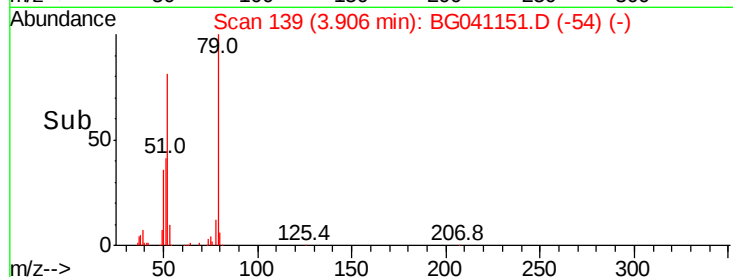
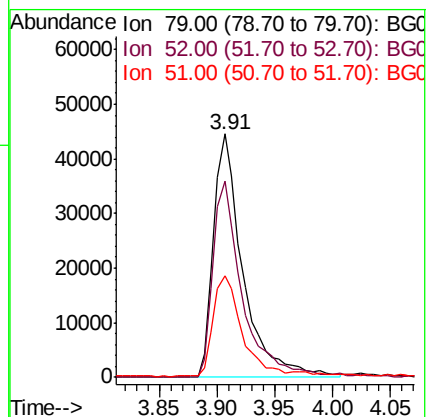
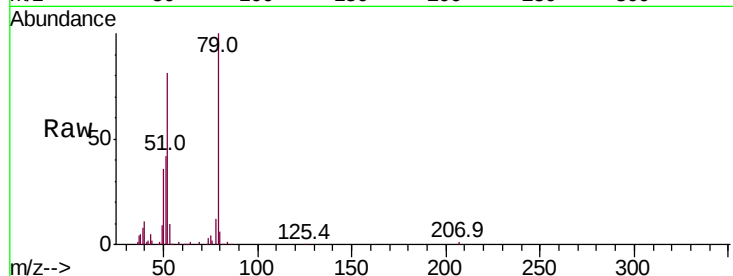
Tot Ion: 79 Resp: 79140

Ion Ratio Lower Upper

79 100

52 80.6 64.8 97.2

51 41.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 42.077 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.04 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

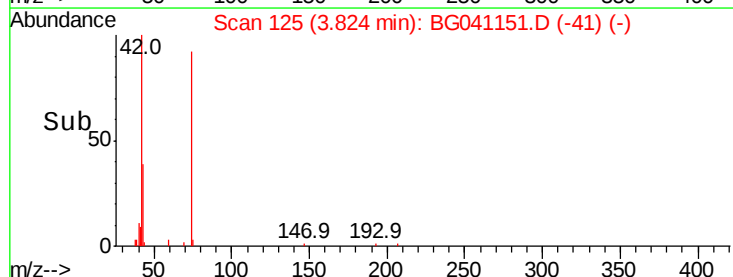
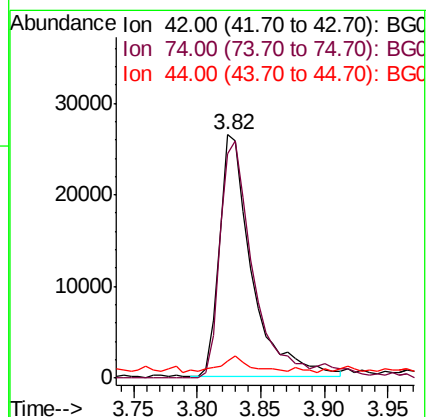
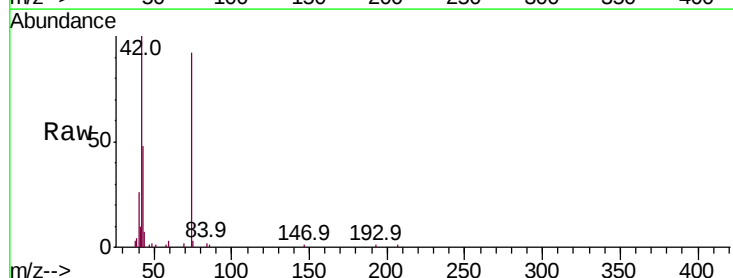
Tgt Ion: 42 Resp: 46976

Ion Ratio Lower Upper

42 100

74 92.1 91.8 137.6

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 151.144 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampled :

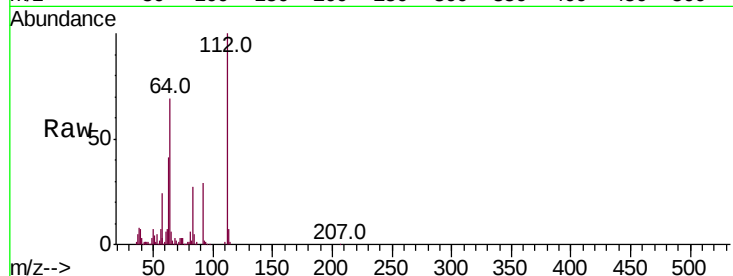
Tot Ion:112 Resp: 270779

Ion Ratio Lower Upper

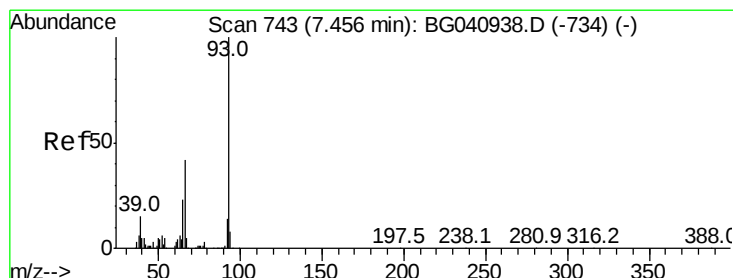
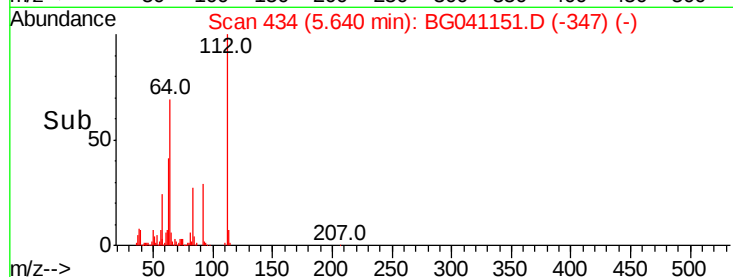
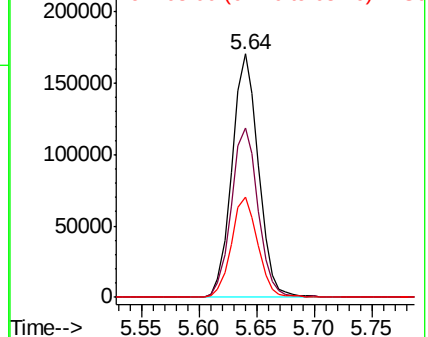
112 100

64 69.4 56.2 84.2

63 41.3 32.8 49.2



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: 19.075 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

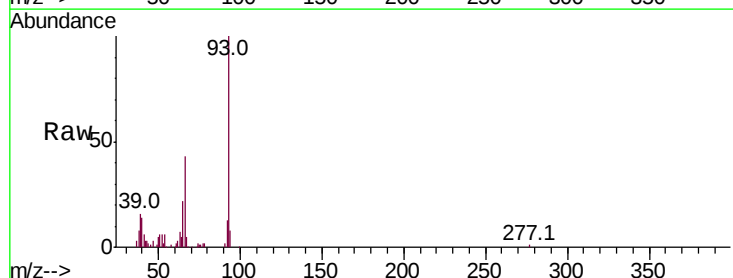
Tgt Ion: 93 Resp: 70445

Ion Ratio Lower Upper

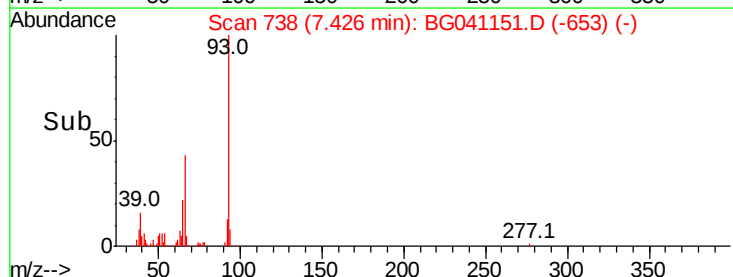
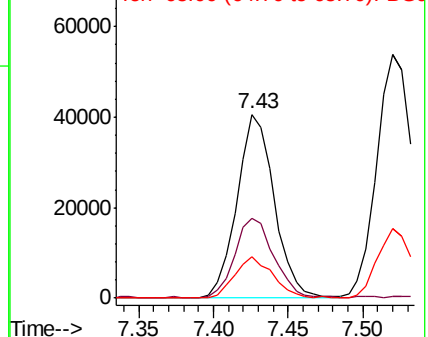
93 100

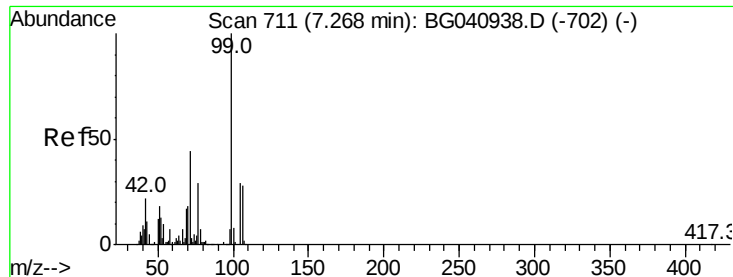
66 43.4 33.8 50.8

65 22.2 18.3 27.5



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: 146.189 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

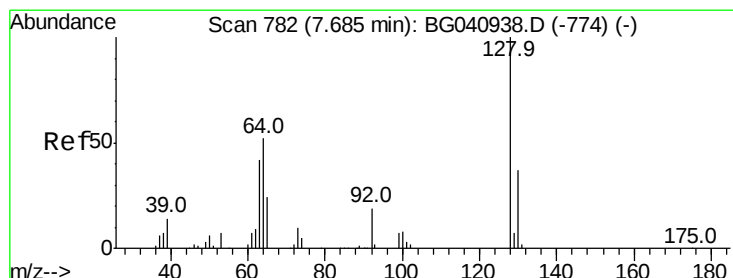
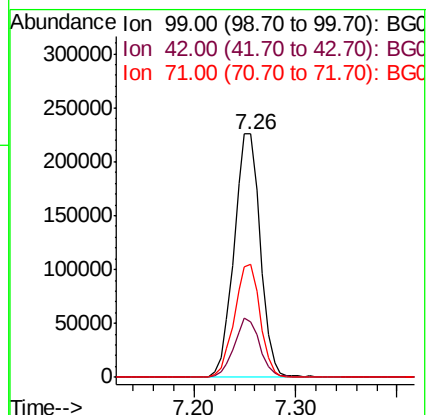
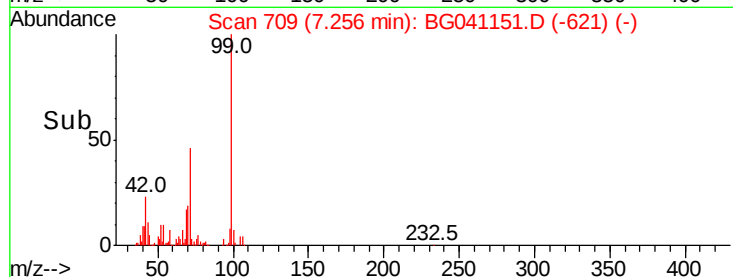
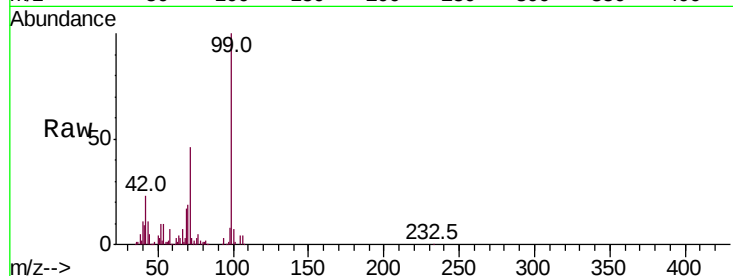
Tot Ion: 99 Resp: 404480

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 46.3 35.4 53.0



#8

2-Chlorophenol

Concen: 47.537 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

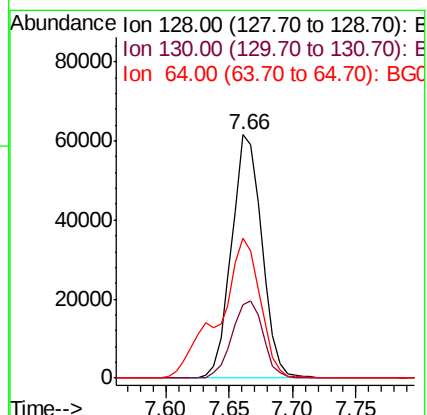
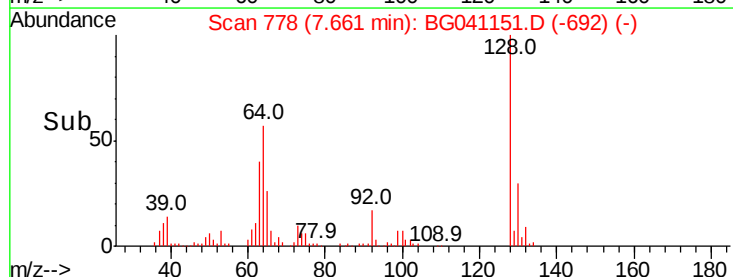
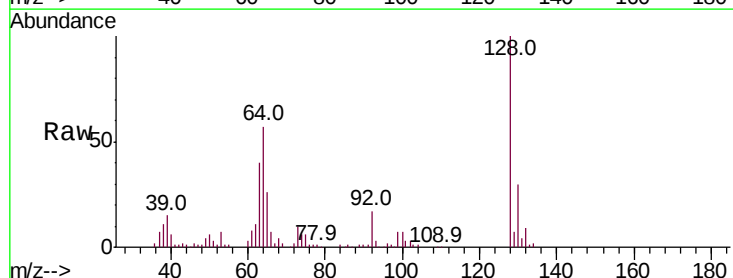
Tgt Ion: 128 Resp: 101530

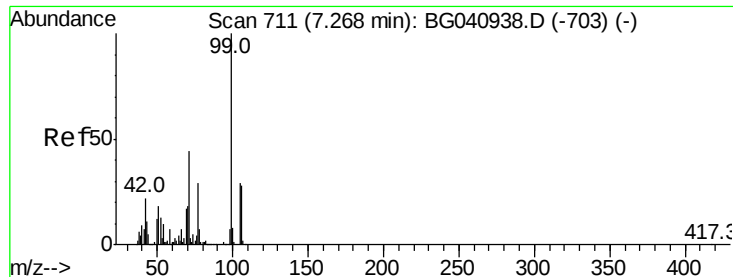
Ion Ratio Lower Upper

128 100

130 30.0 16.6 56.6

64 57.2 37.8 77.8





#9

Benzaldehyde

Concen: 20.894 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

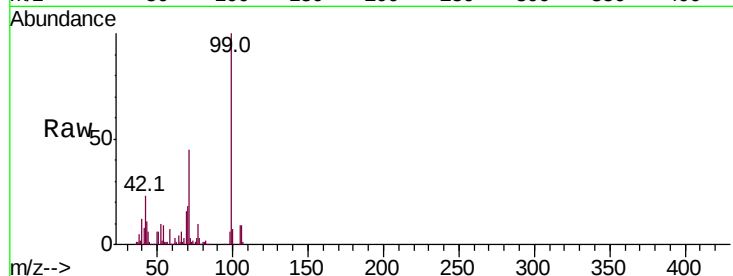
Tot Ion: 77 Resp: 34485

Ion Ratio Lower Upper

77 100

105 83.2 78.9 118.9

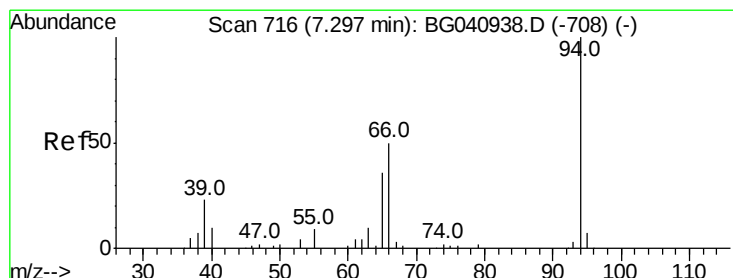
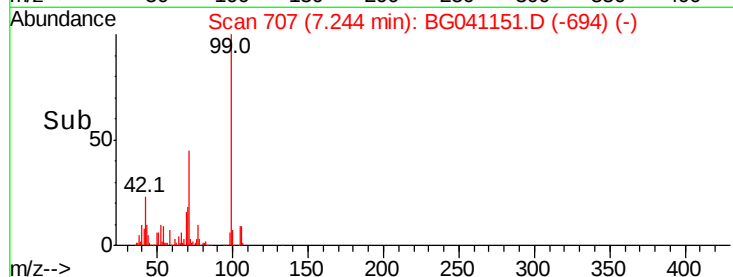
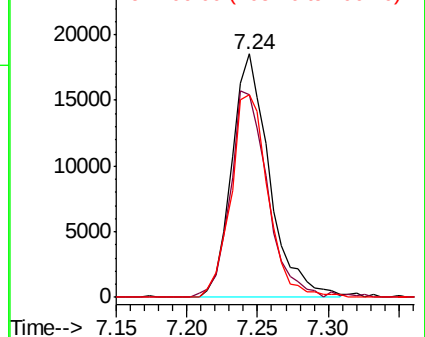
106 83.1 76.7 116.7



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: 47.376 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

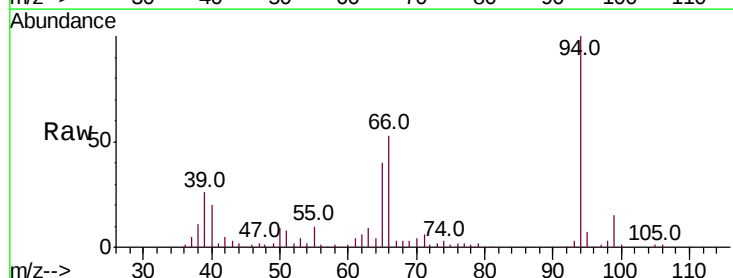
Tgt Ion: 94 Resp: 140545

Ion Ratio Lower Upper

94 100

65 40.2 17.0 57.0

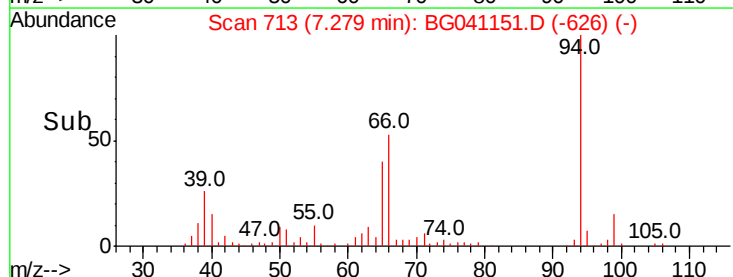
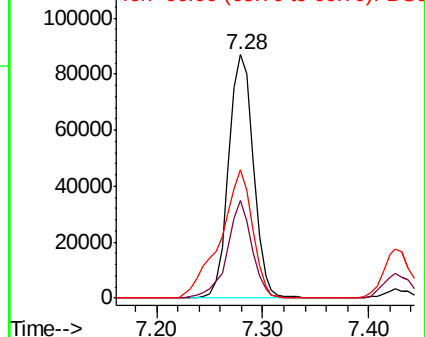
66 53.0 32.4 72.4

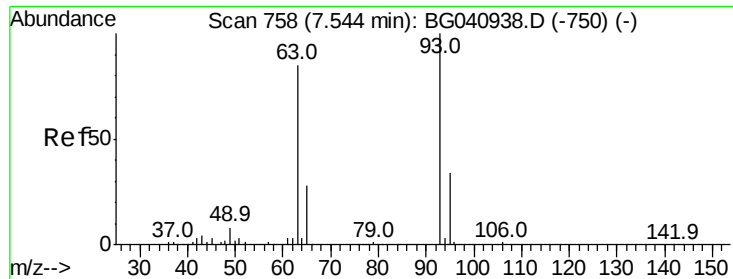


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



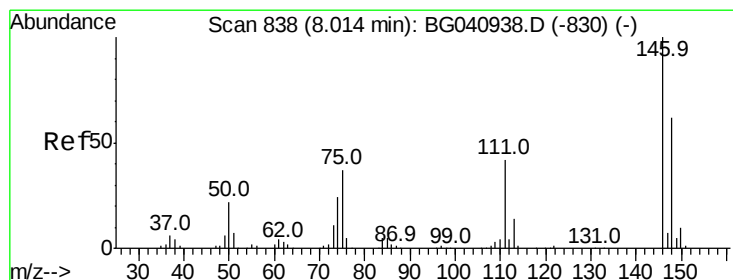
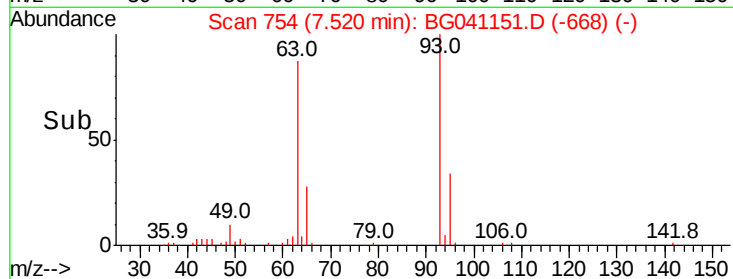
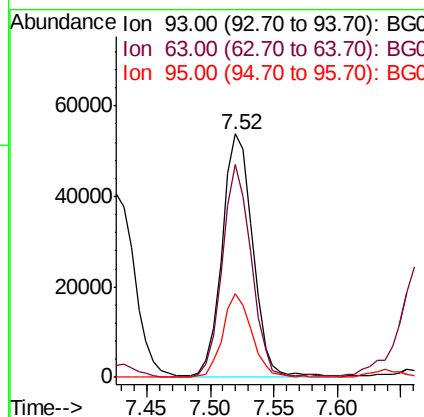
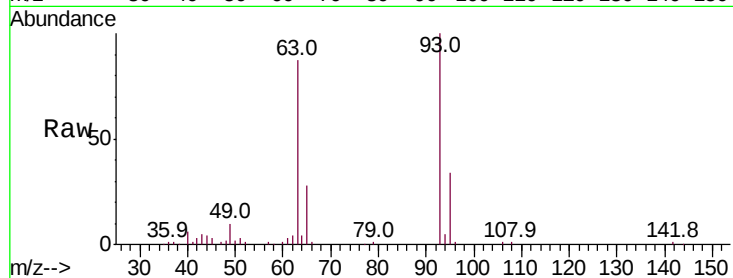


#11

bis(2-Chloroethyl)ether
 Concen: 41.903 ng
 RT: 7.52 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Instrument :
 BNA_G
 ClientSampleId :

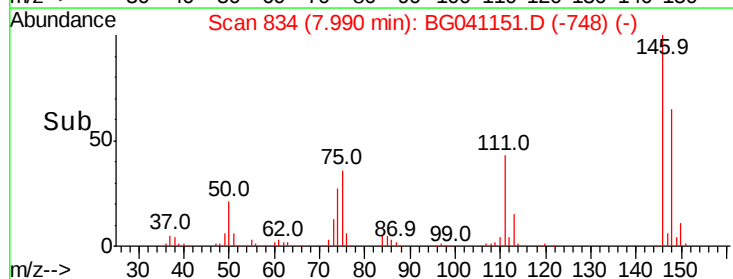
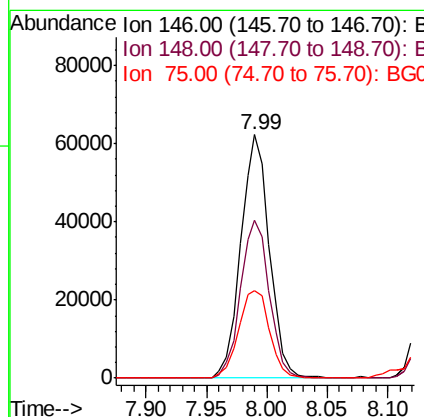
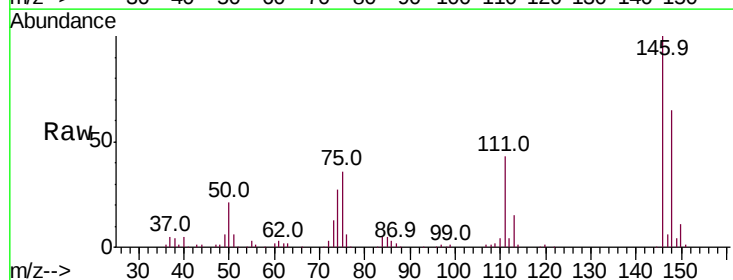
Tot Ion: 93 Resp: 90180
 Ion Ratio Lower Upper
 93 100
 63 87.4 64.5 104.5
 95 34.3 13.3 53.3

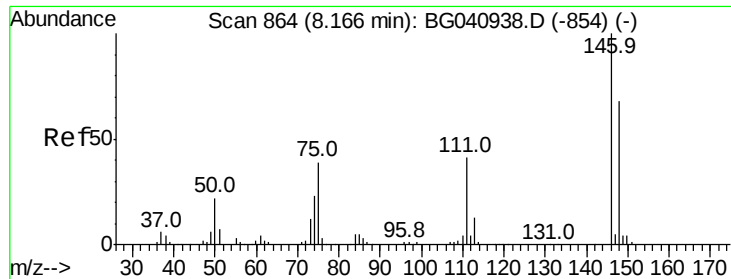


#12

1,3-Dichlorobenzene
 Concen: 40.177 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion: 146 Resp: 102491
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.2 73.8
 75 36.2 29.4 44.0

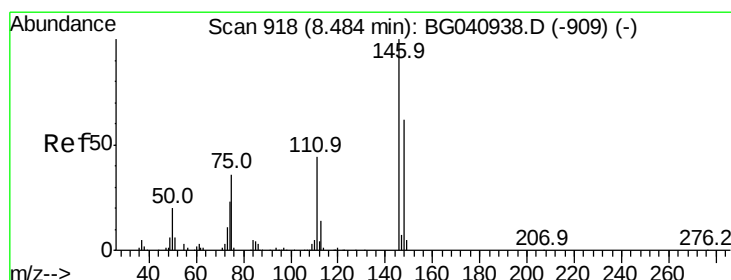
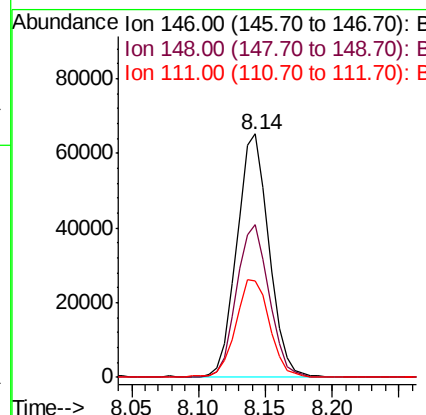
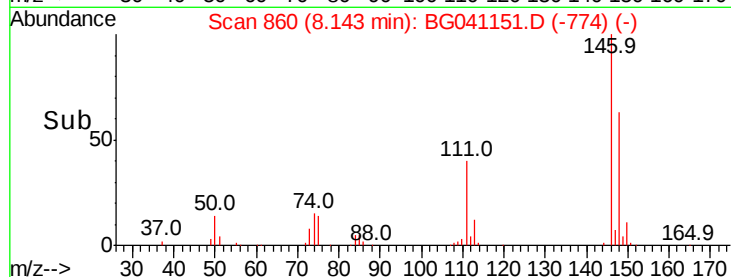
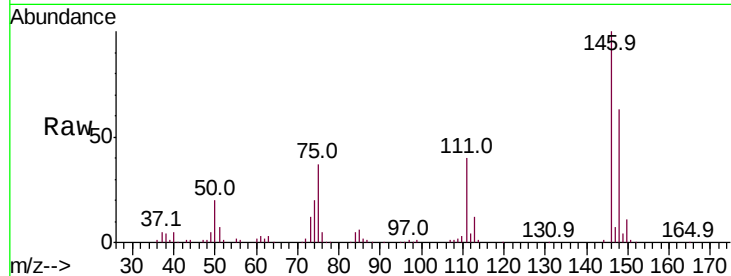




#13
 1,4-Dichlorobenzene
 Concen: 42.147 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

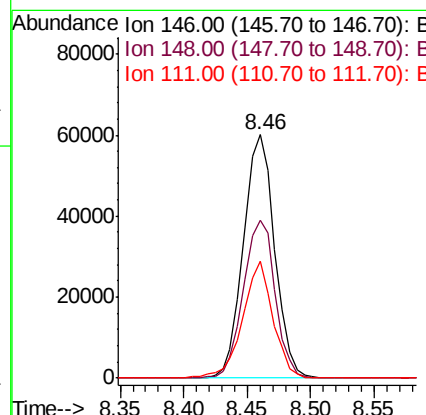
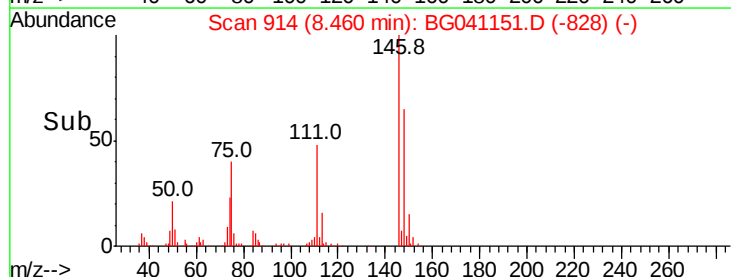
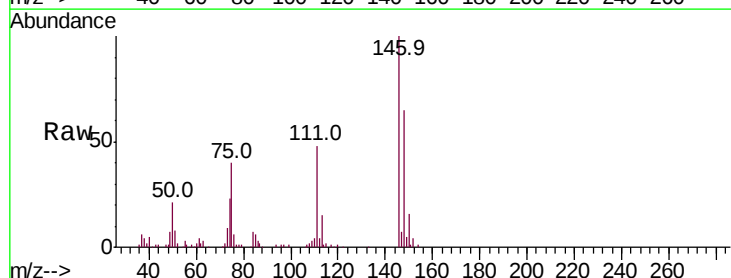
Instrument :
 BNA_G
 ClientSampleId :

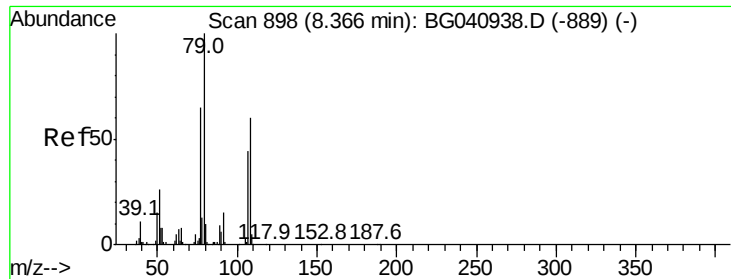
Tot Ion:146 Resp: 108830
 Ion Ratio Lower Upper
 146 100
 148 62.7 54.2 81.4
 111 39.6 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 40.964 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion:146 Resp: 102701
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.8 74.6
 111 48.1 35.0 52.4

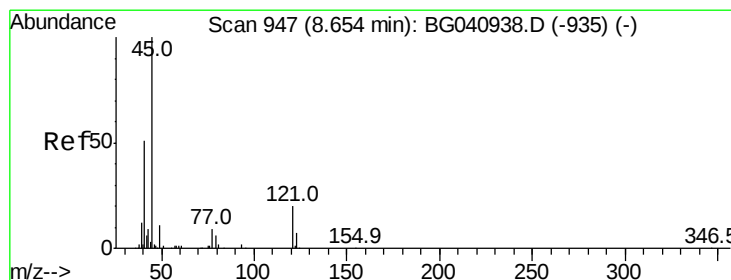
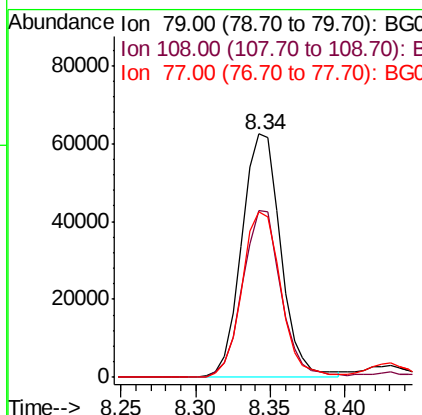
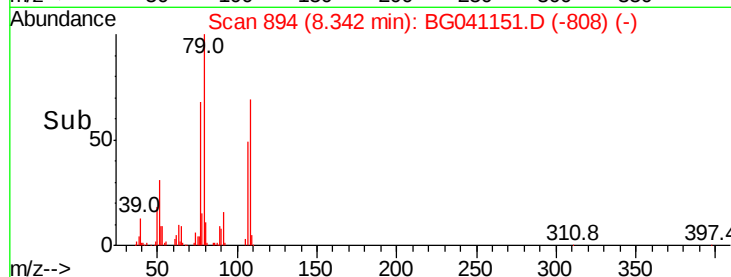
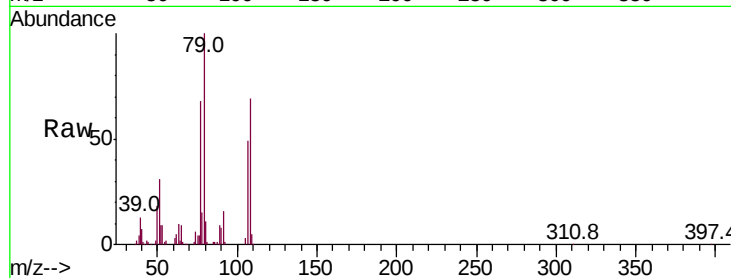




#15
Benzyl Alcohol
Concen: 44.106 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

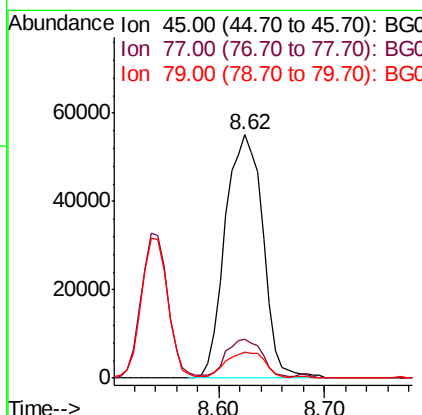
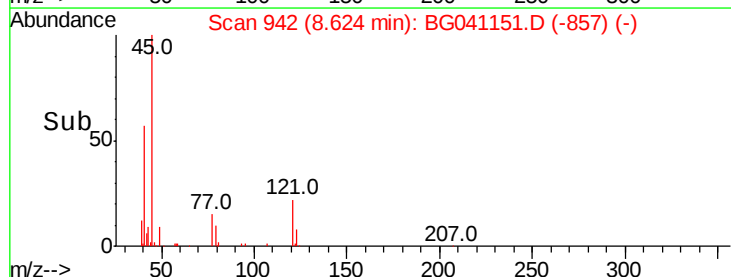
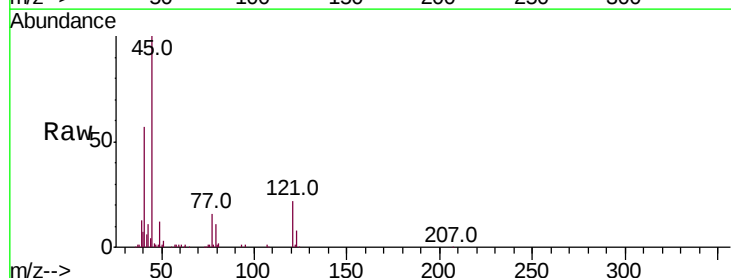
Instrument :
BNA_G
ClientSampleId :

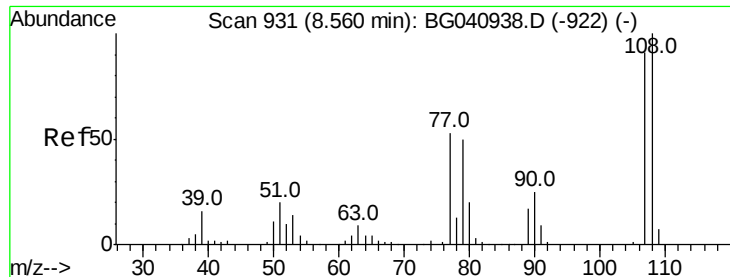
Tot Ion: 79 Resp: 112886
Ion Ratio Lower Upper
79 100
108 68.6 48.3 72.5
77 67.8 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.774 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.03 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion: 45 Resp: 136356
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.7
79 10.7 0.0 30.2

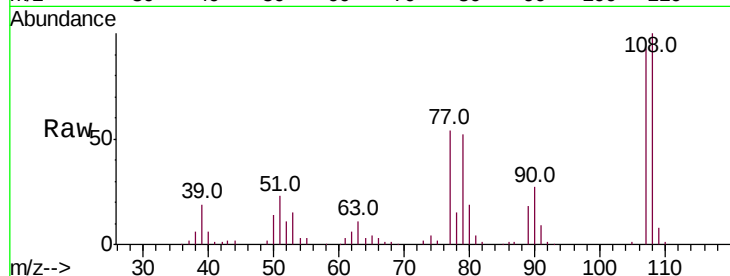




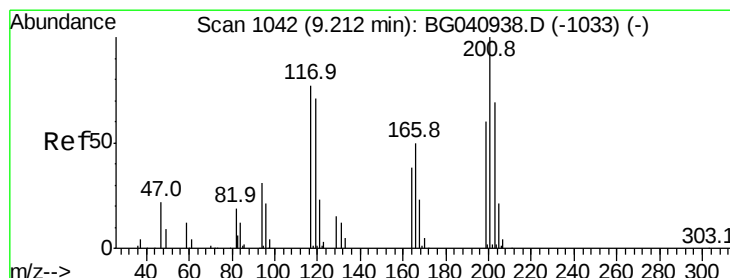
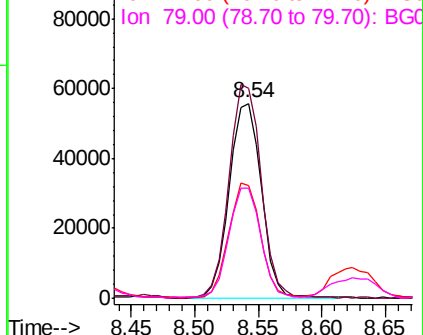
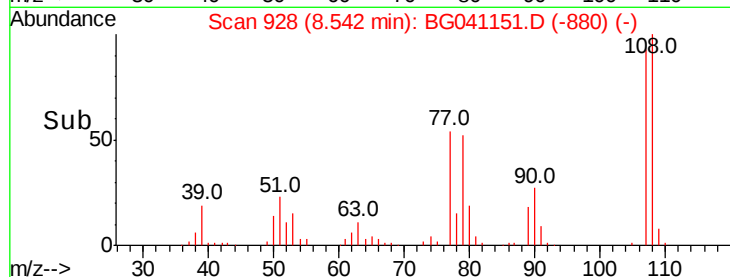
#17
2-Methylphenol
Concen: 45.801 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 98378
Ion Ratio Lower Upper
107 100
108 107.9 87.7 131.5
77 57.9 46.6 70.0
79 56.2 44.6 66.8

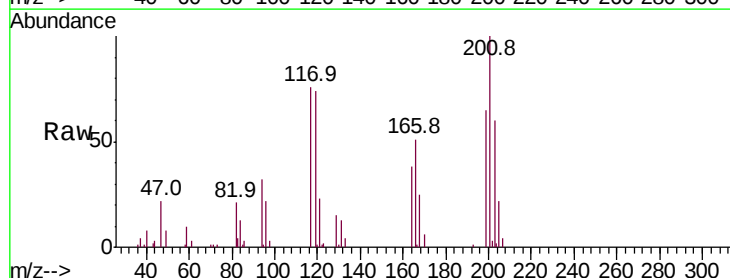


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

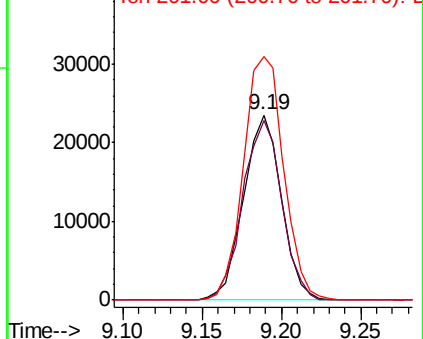
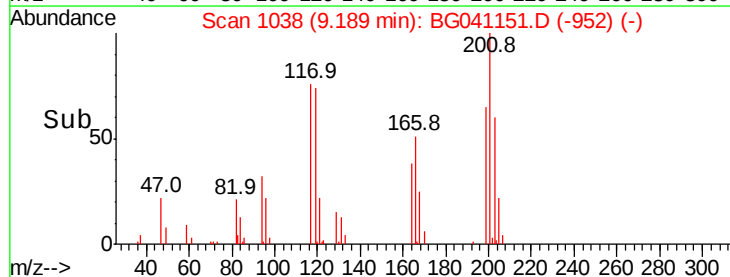


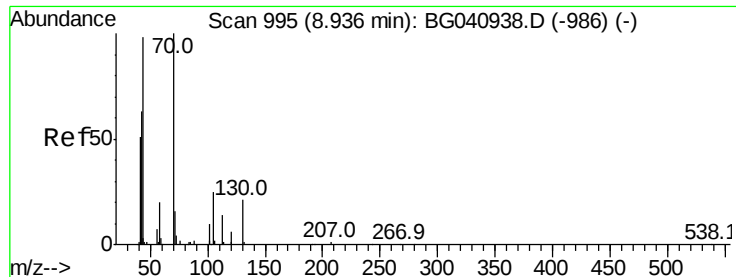
#18
Hexachloroethane
Concen: 39.309 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:117 Resp: 39120
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.6
201 131.5 103.5 155.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.302 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.03 min

Lab File: BG041151.D

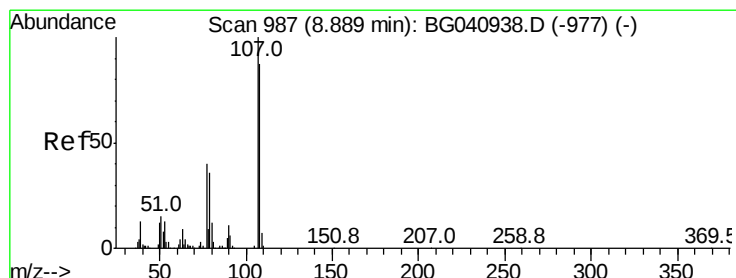
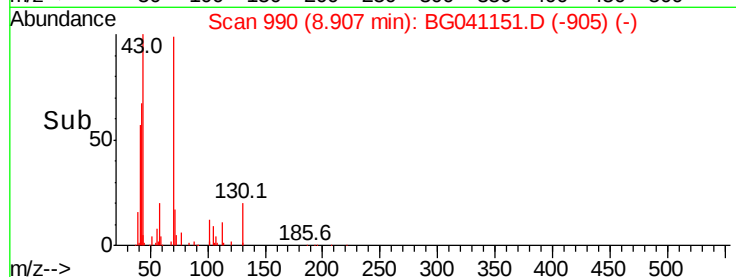
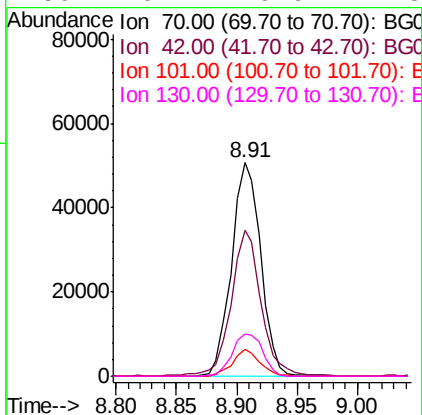
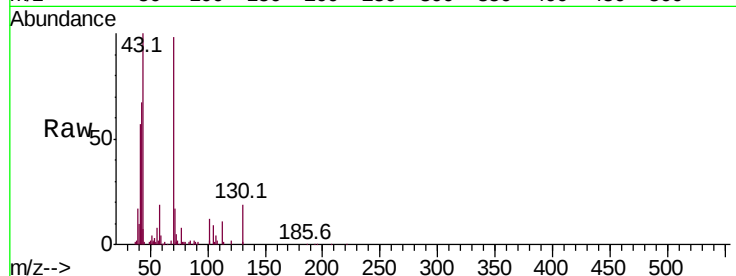
Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	85812
Ion	Ratio	Lower	Upper
70	100		
42	68.6	51.5	77.3
101	12.4	8.1	12.1#
130	19.7	16.6	24.8



#20

3+4-Methylphenols

Concen: 44.758 ng

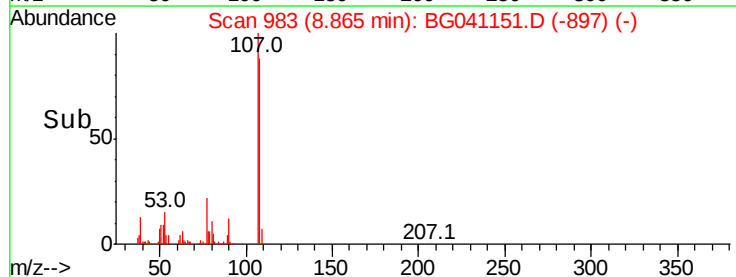
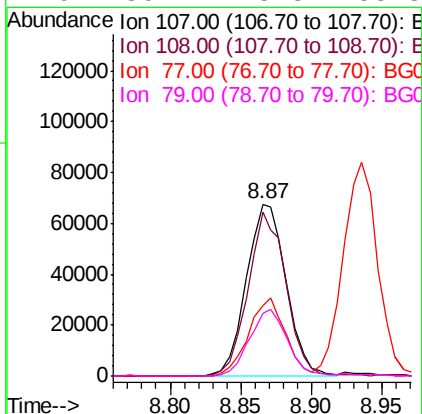
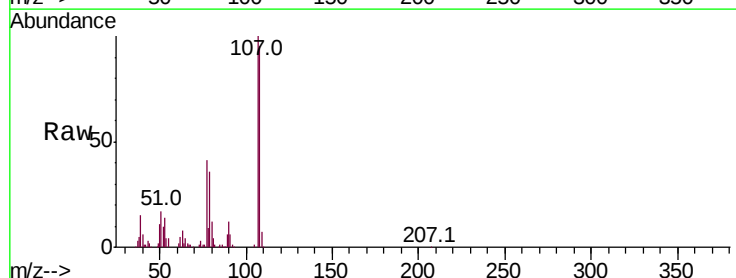
RT: 8.87 min Scan# 983

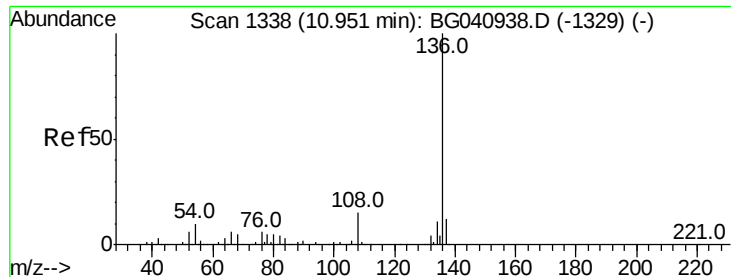
Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Tgt Ion:	107	Resp:	133168
Ion	Ratio	Lower	Upper
107	100		
108	95.1	66.8	106.8
77	40.7	20.5	60.5
79	36.4	15.8	55.8

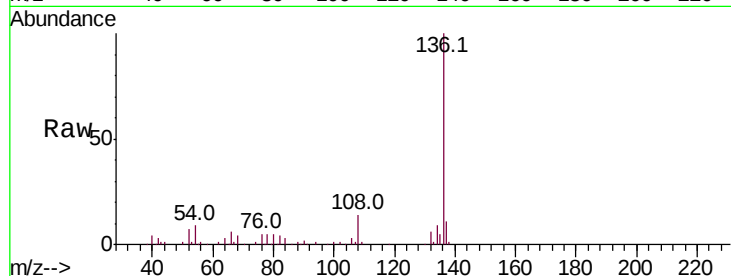




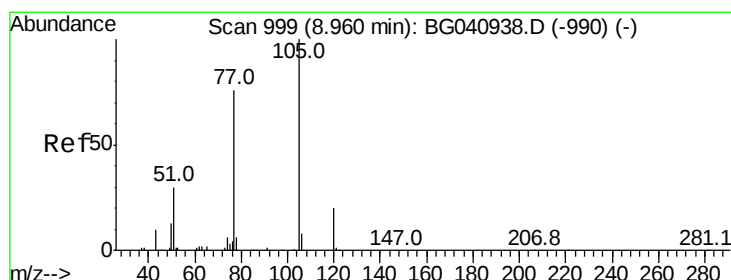
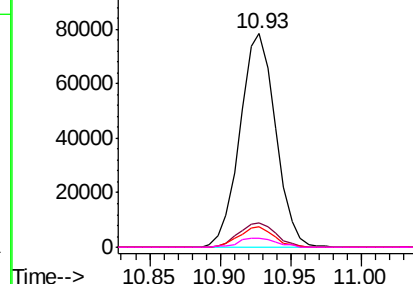
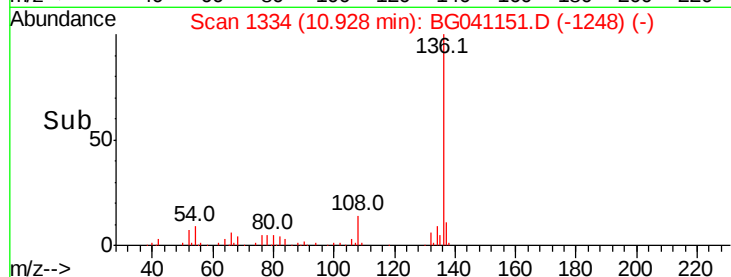
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	138461
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.5 14.3
54	9.4	7.6 11.4
68	4.4	3.9 5.9

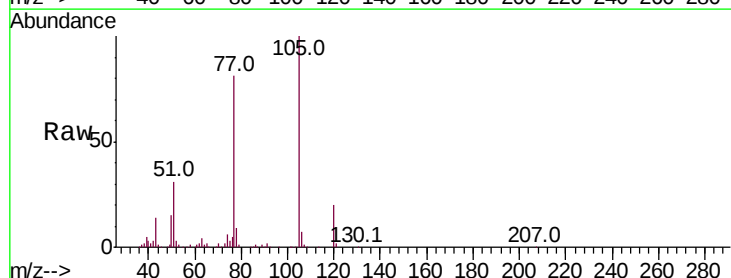


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

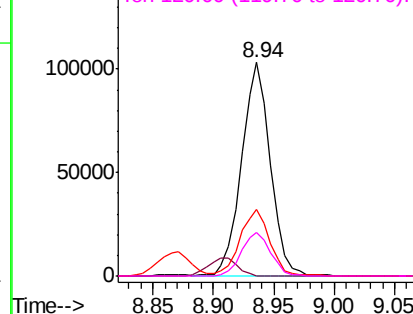
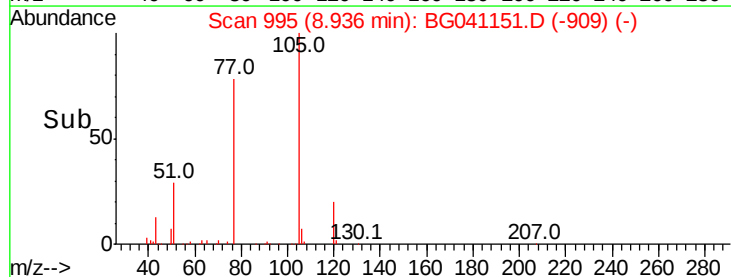


#22
Acetophenone
Concen: 44.069 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:105	Resp:	171168
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	31.1	27.0 40.6
120	20.3	16.2 24.4



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

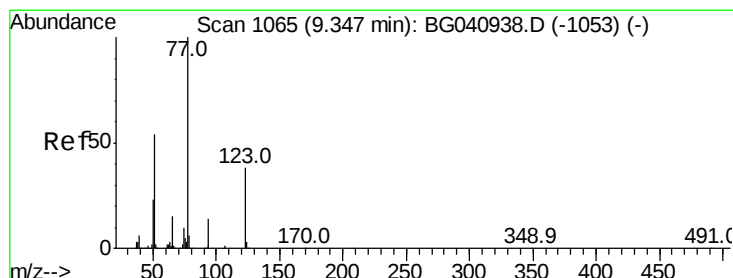
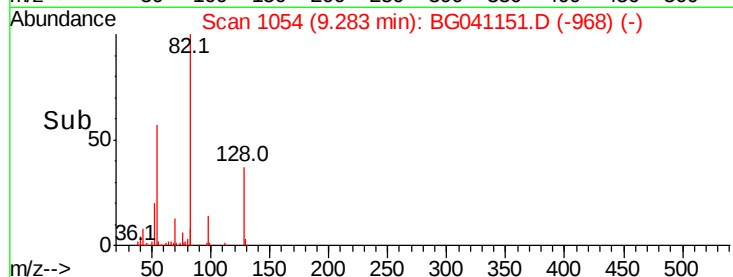
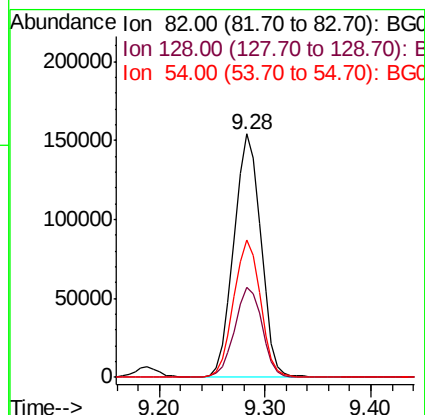
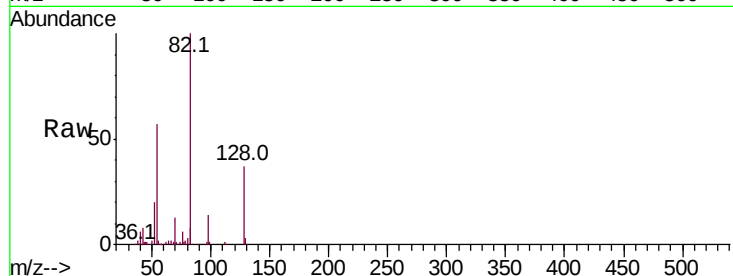




#23
 Nitrobenzene-d5
 Concen: 87.318 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

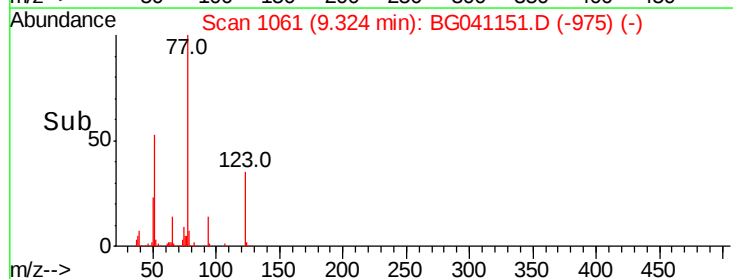
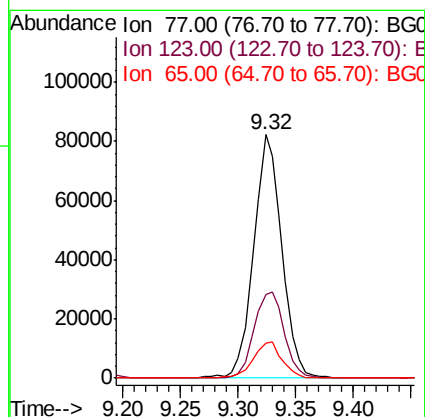
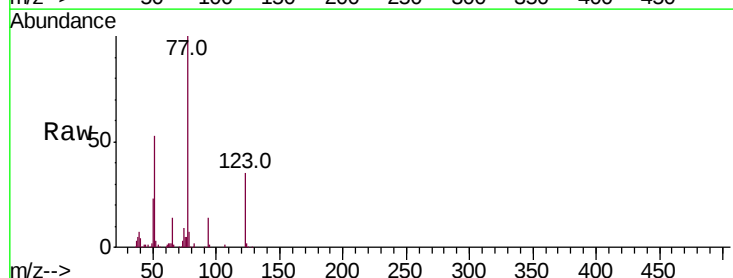
Instrument :
 BNA_G
 ClientSampleId :

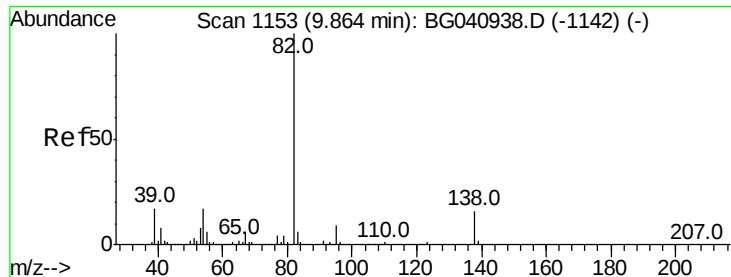
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	56.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 43.974 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	30.6	46.0
65	14.3	12.3	18.5





#25

Isophorone

Concen: 43.320 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

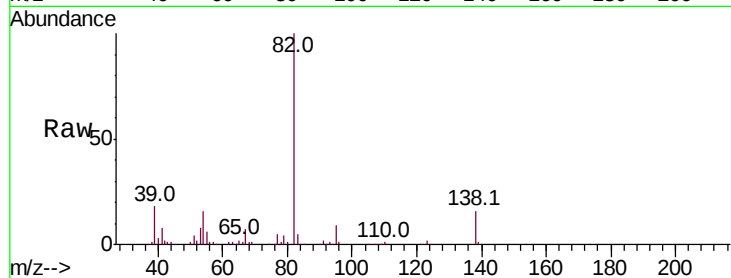
Tot Ion: 82 Resp: 257130

Ion Ratio Lower Upper

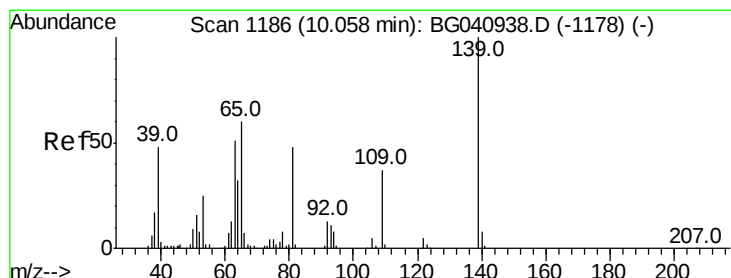
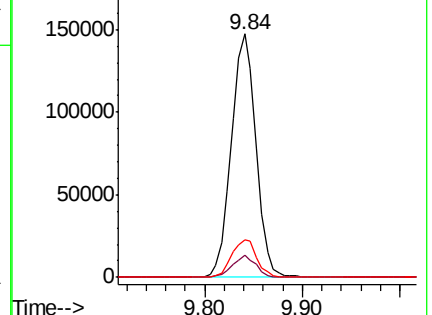
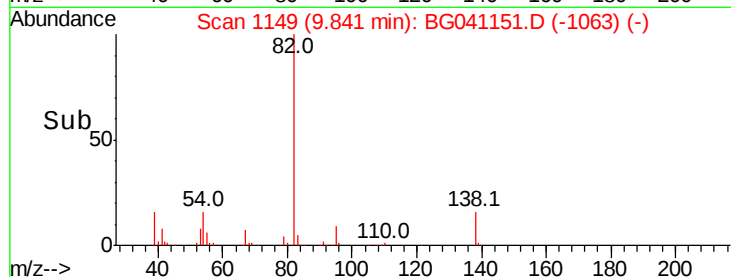
82 100

95 8.9 7.0 10.4

138 15.5 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.712 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

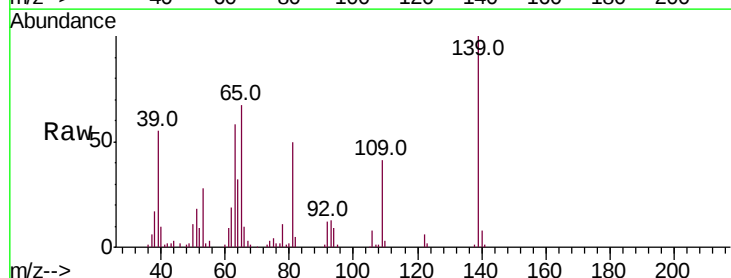
Tgt Ion: 139 Resp: 62518

Ion Ratio Lower Upper

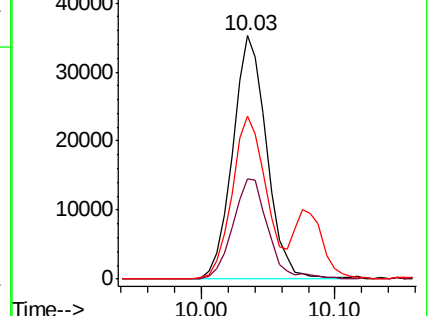
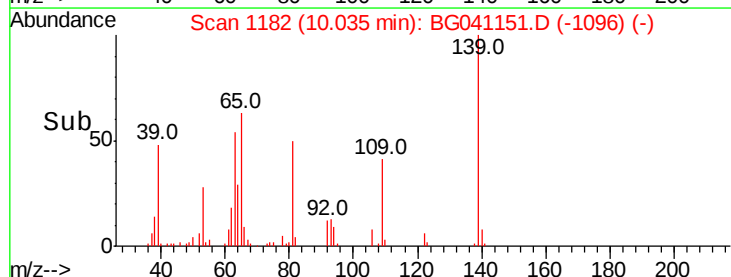
139 100

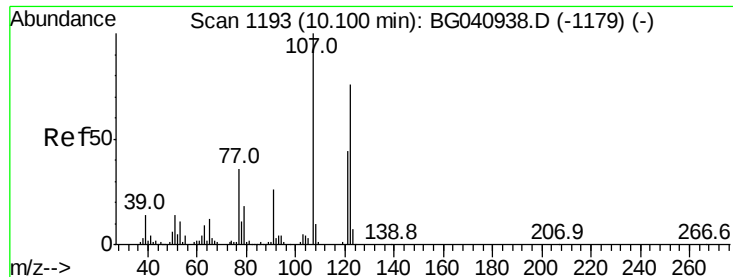
109 40.9 29.8 44.6

65 67.0 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
40000
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

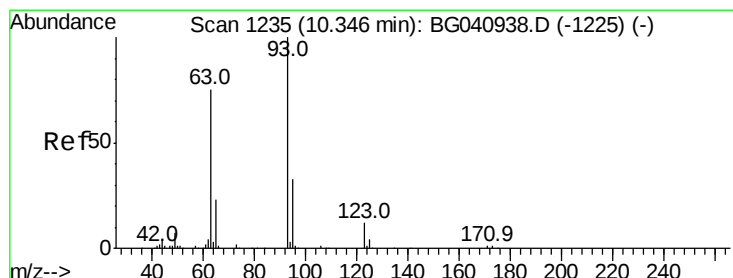
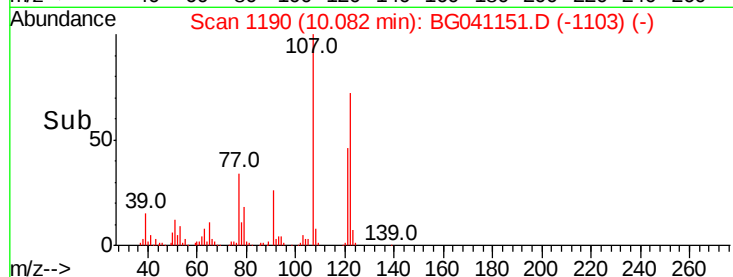
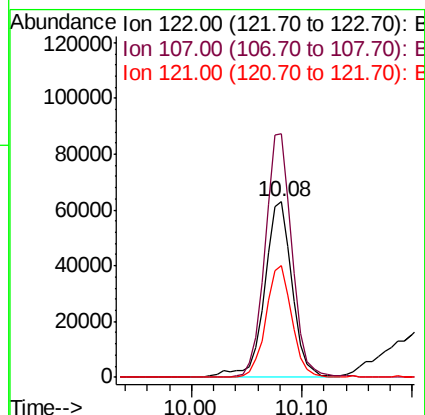
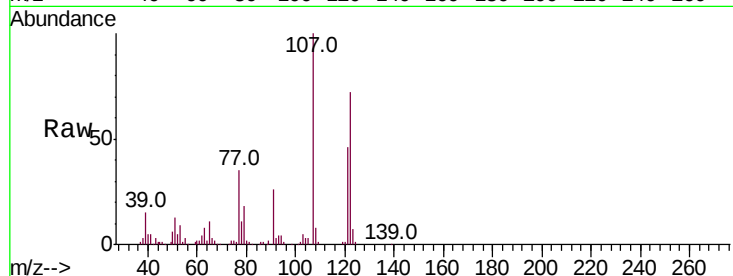




#27
2,4-Dimethylphenol
Concen: 51.106 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

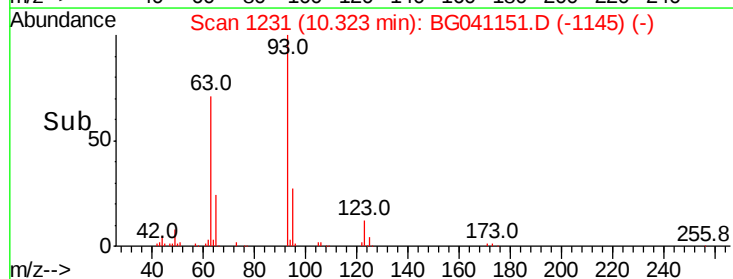
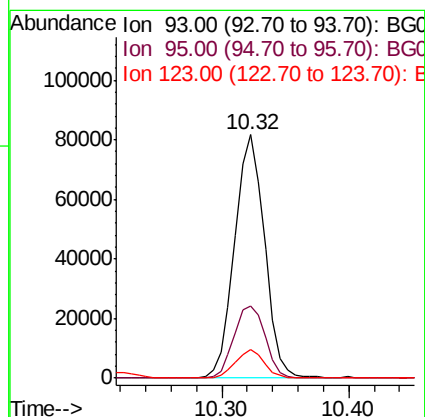
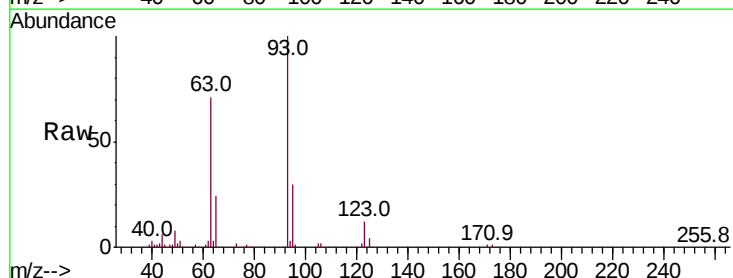
Instrument :
BNA_G
ClientSampled :

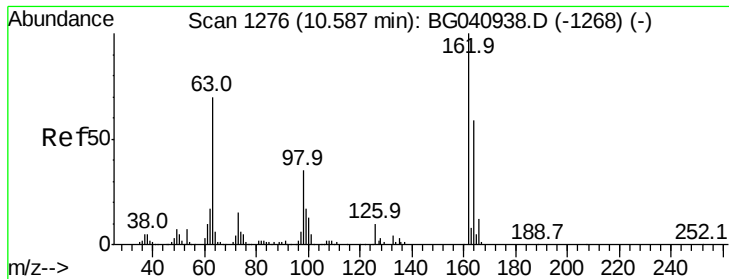
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.9	105.9	158.9
121	64.0	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.622 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.7	26.2	39.2
123	11.8	9.5	14.3

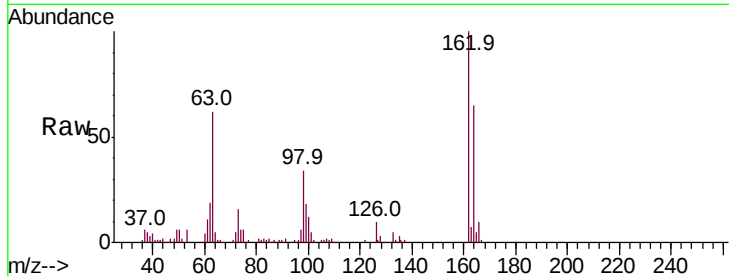




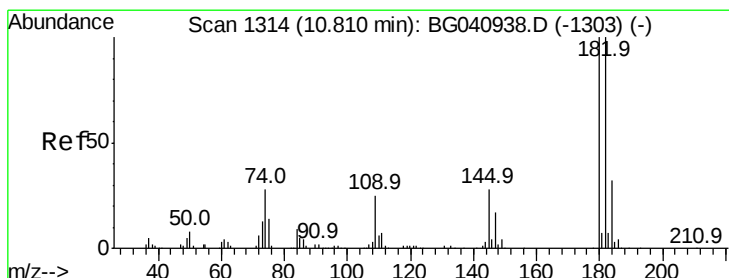
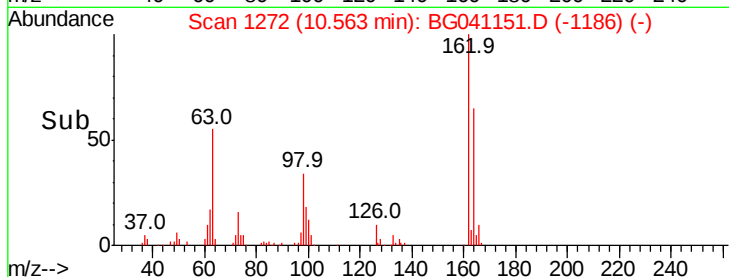
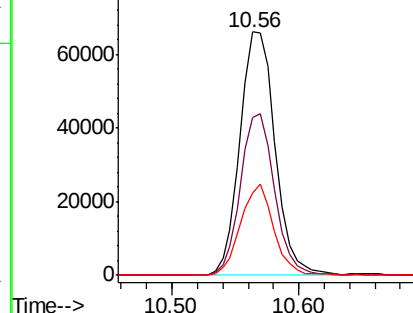
#29
2,4-Dichlorophenol
Concen: 46.352 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	39.4	79.4
98	33.9	15.3	55.3

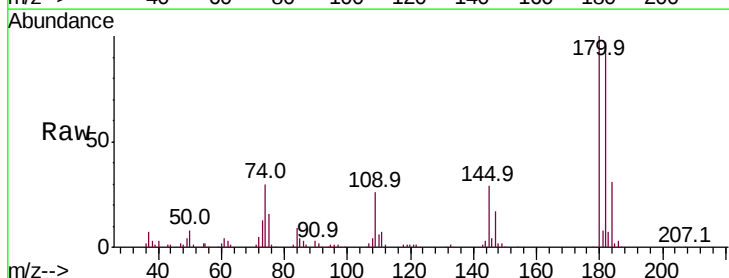


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

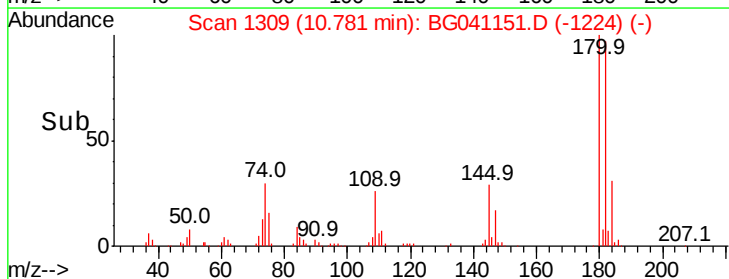
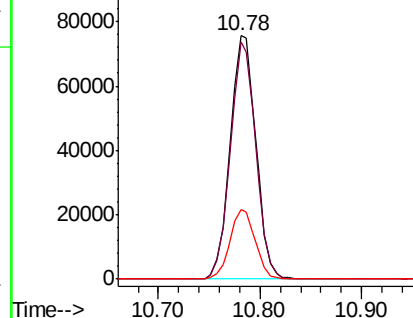


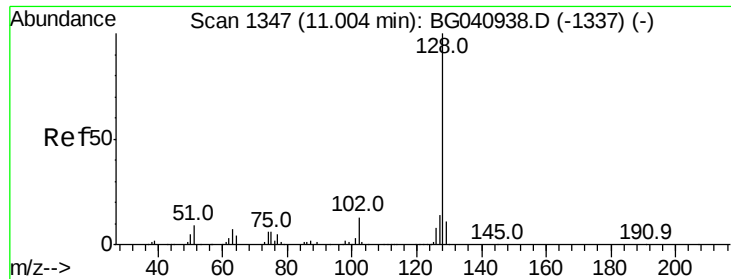
#30
1,2,4-Trichlorobenzene
Concen: 42.701 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.7	119.5
145	28.8	22.6	34.0



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

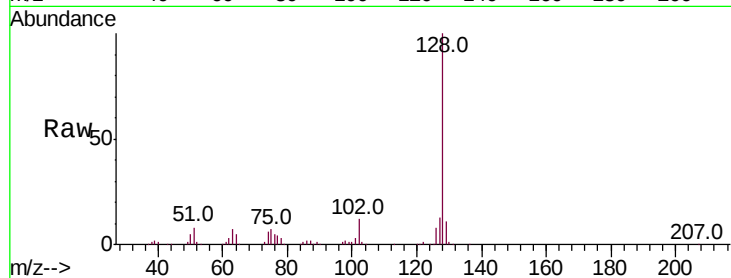




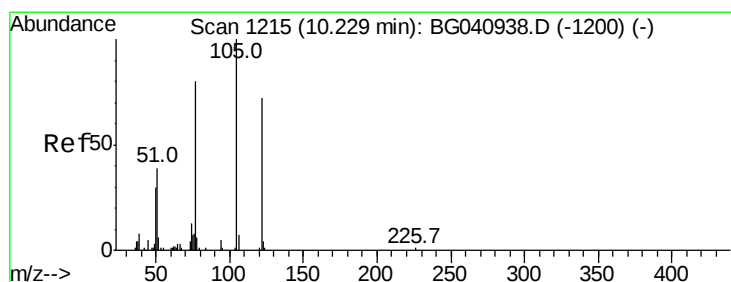
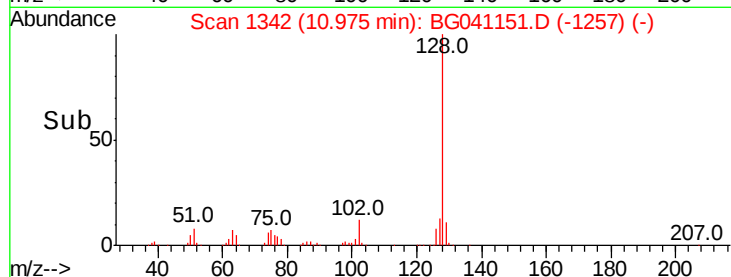
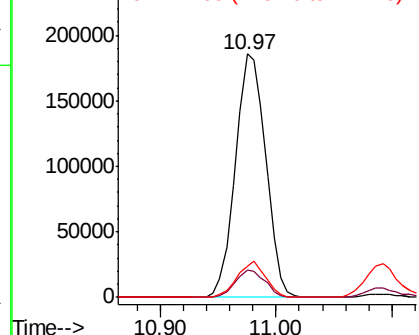
#31
Naphthalene
Concen: 45.494 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 338204
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.9 11.4 17.2

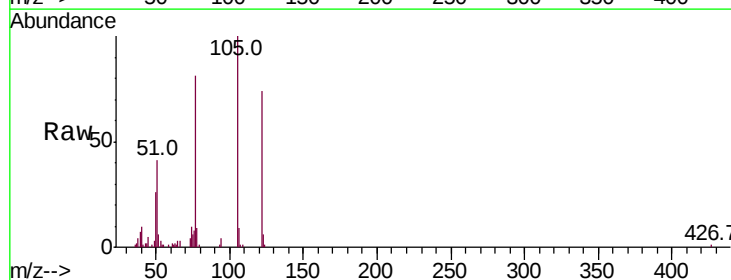


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

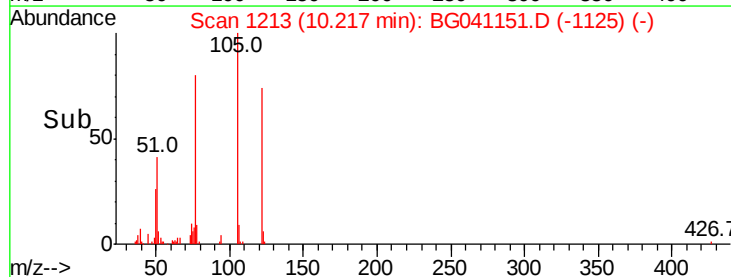
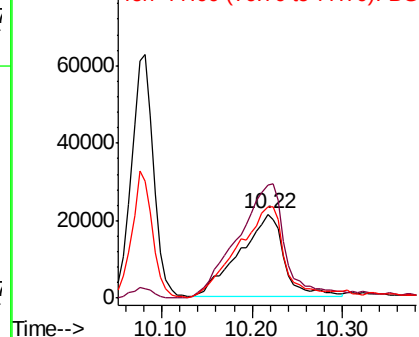


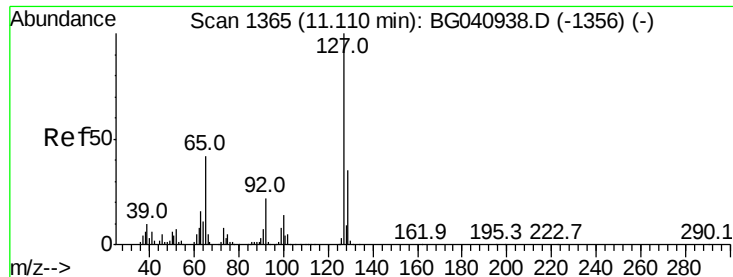
#32
Benzoic acid
Concen: 43.918 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:122 Resp: 72501
Ion Ratio Lower Upper
122 100
105 135.3 114.8 154.8
77 109.5 89.9 129.9



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

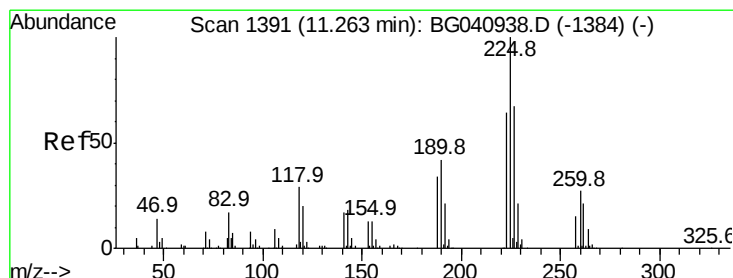
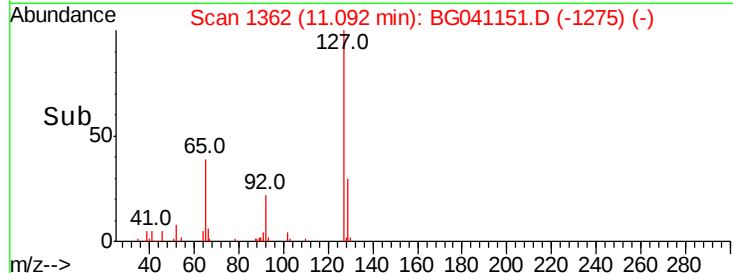
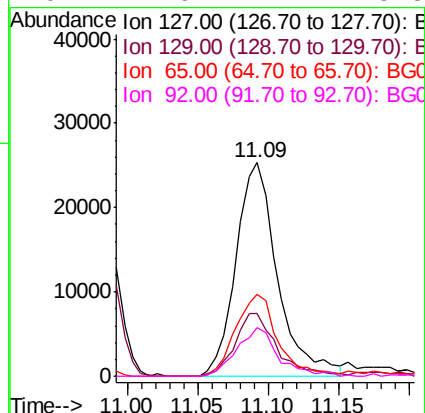
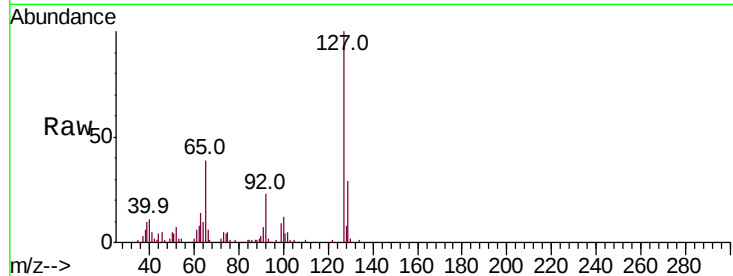




#33
4-Chloroaniline
Concen: 15.042 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

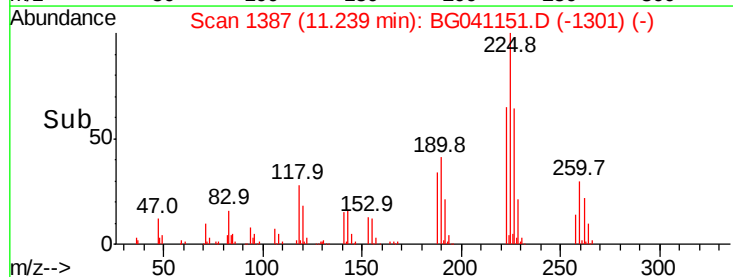
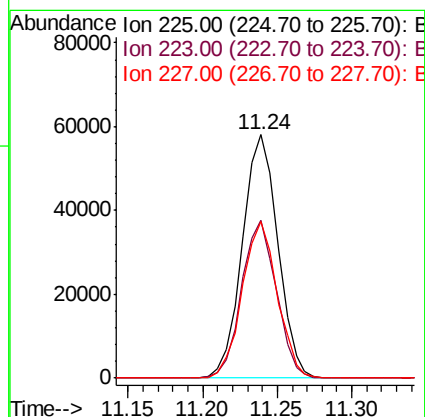
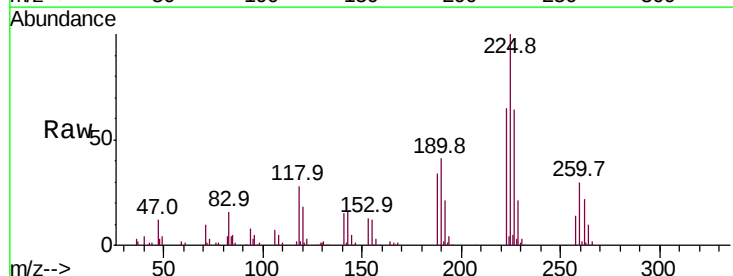
Instrument :
BNA_G
ClientSampleId :

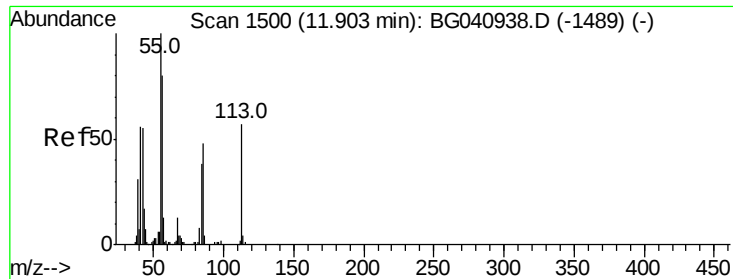
Tot Ion:	127	Resp:	51884
Ion	Ratio	Lower	Upper
127	100		
129	29.3	27.7	41.5
65	38.6	33.2	49.8
92	22.6	17.2	25.8



#34
Hexachlorobutadiene
Concen: 39.937 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:	225	Resp:	95532
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	67.2	51.4	77.0

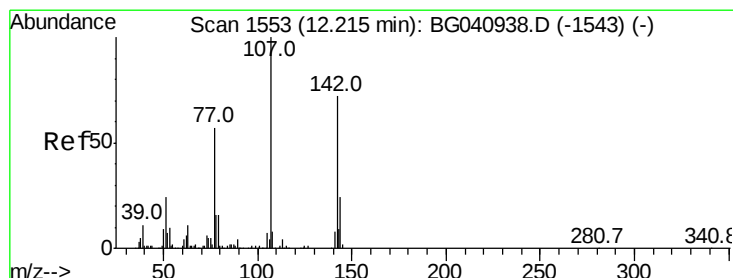
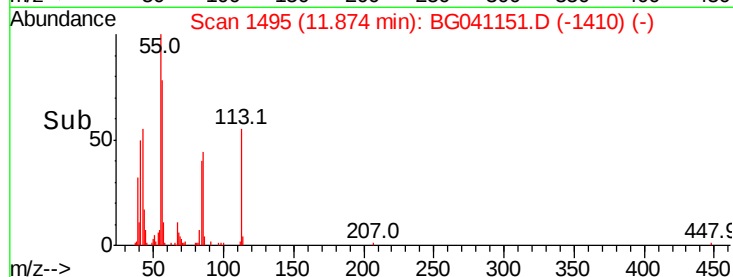
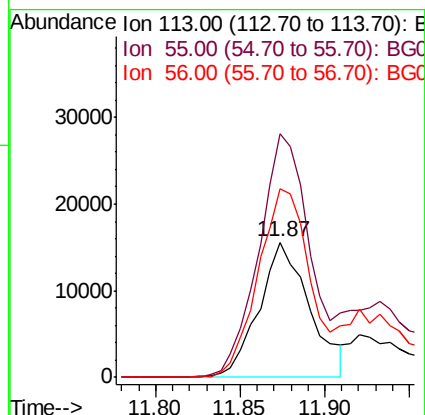
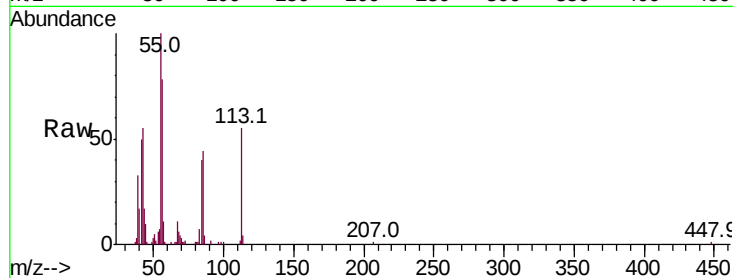




#35
 Caprolactam
 Concen: 35.600 ng
 RT: 11.87 min Scan# 1495
 Delta R.T. -0.03 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

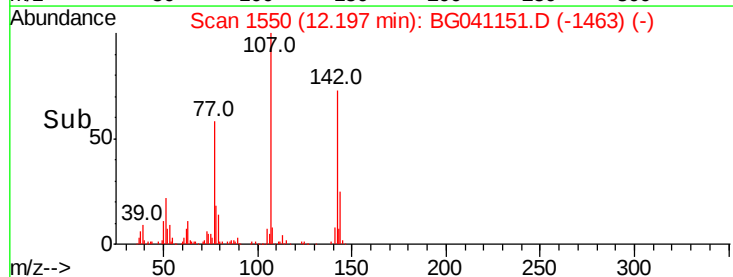
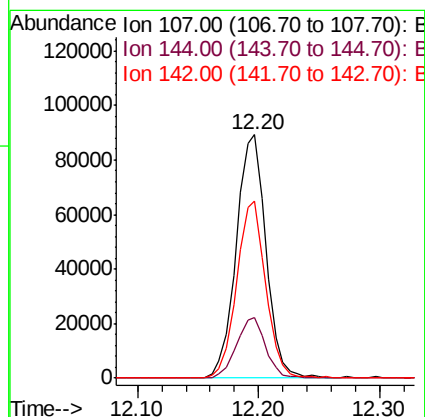
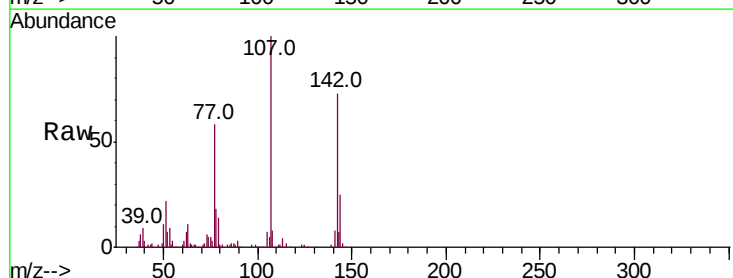
Instrument :
 BNA_G
 ClientSampleId :

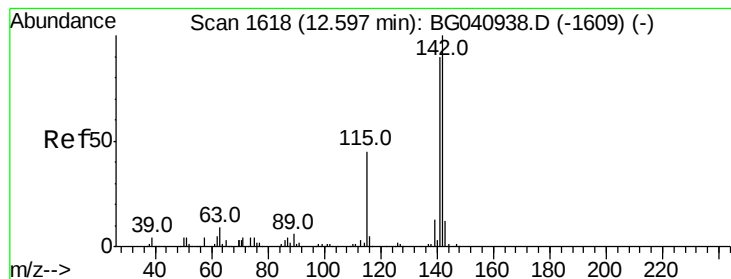
Tot Ion:113 Resp: 32307
 Ion Ratio Lower Upper
 113 100
 55 180.2 155.9 195.9
 56 140.0 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.915 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion:107 Resp: 153521
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.4 29.0
 142 72.8 57.3 85.9

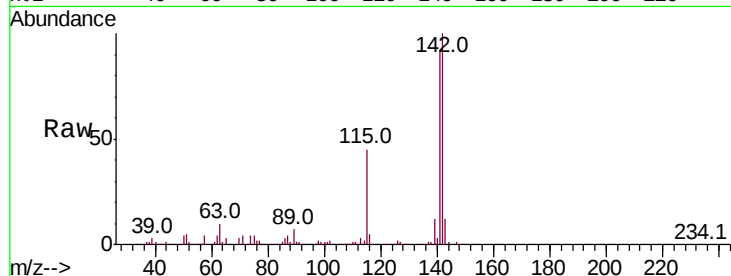




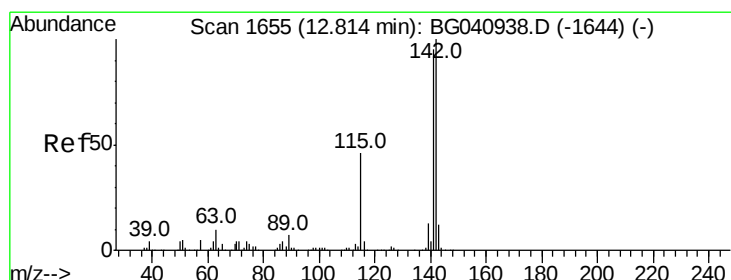
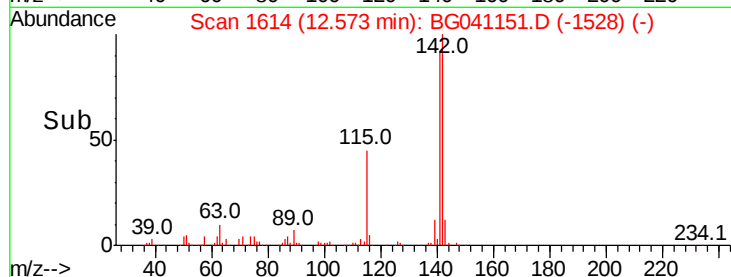
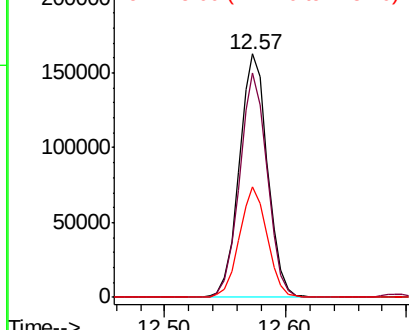
#37
2-Methylnaphthalene
Concen: 46.321 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.4
115	45.1	36.2	54.4

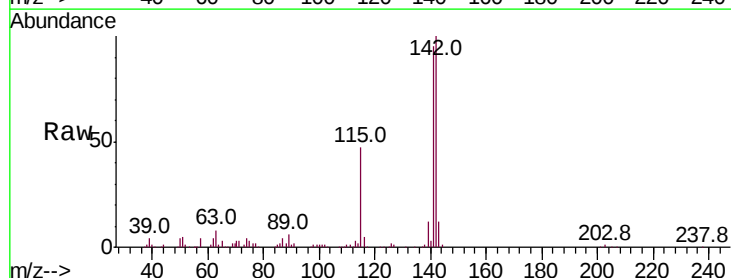


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

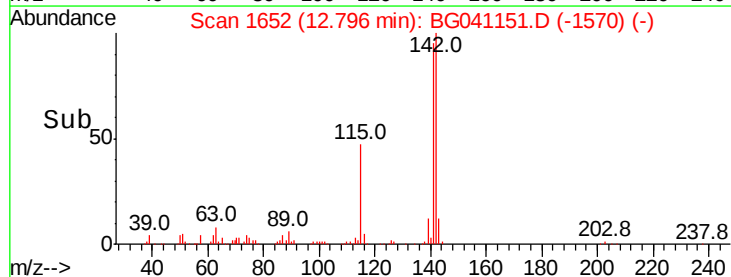
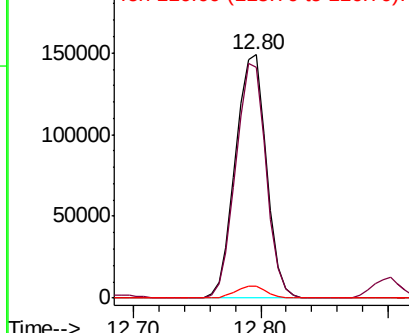


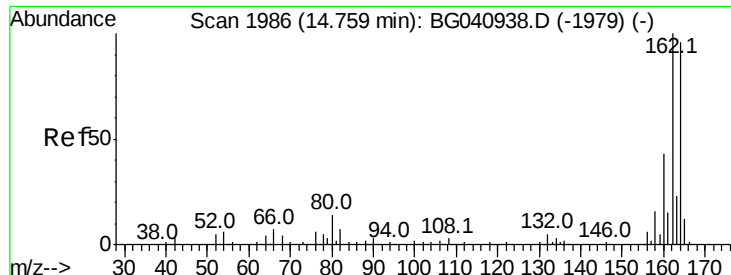
#38
1-Methylnaphthalene
Concen: 46.637 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.7	113.5
116	4.8	3.4	5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

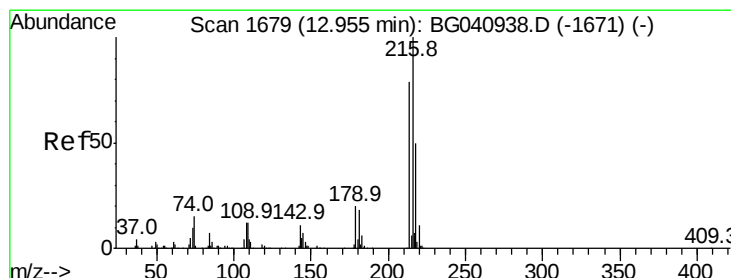
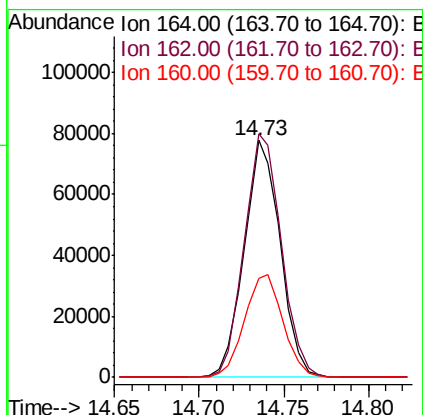
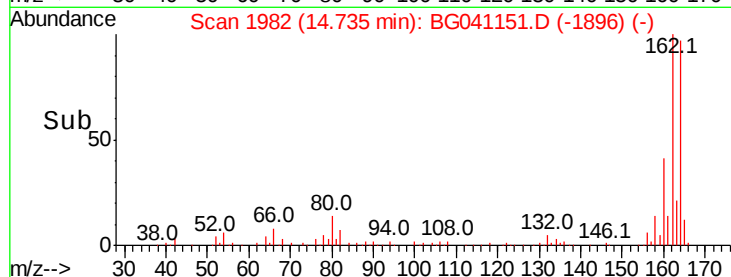
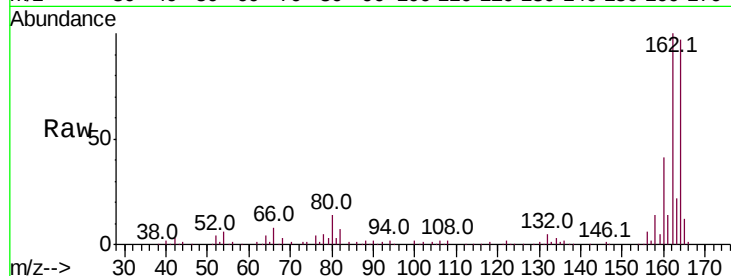
Tot Ion:164 Resp: 115095

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

160 41.8 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.241 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Tgt Ion:216 Resp: 195953

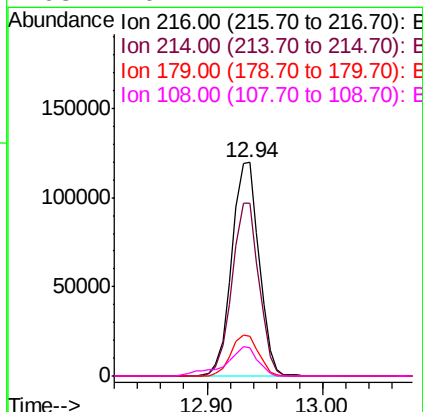
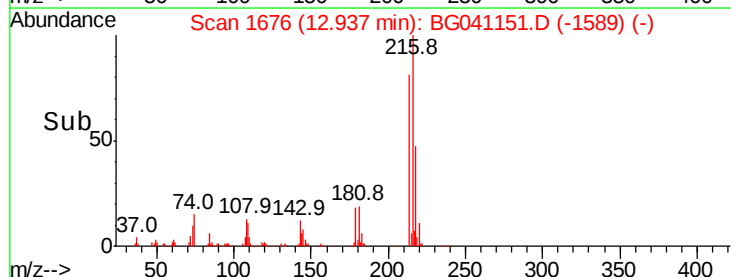
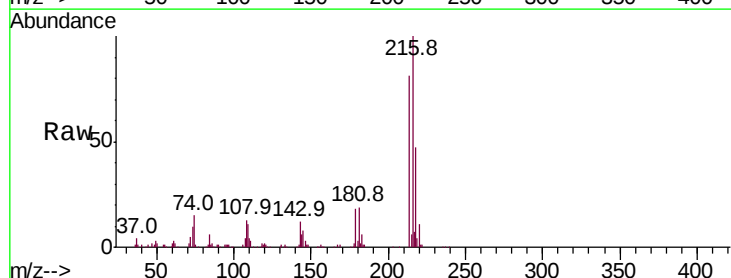
Ion Ratio Lower Upper

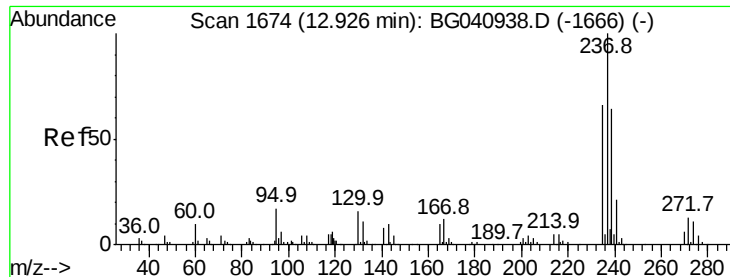
216 100

214 79.5 63.4 95.2

179 19.4 15.2 22.8

108 16.2 11.4 17.2

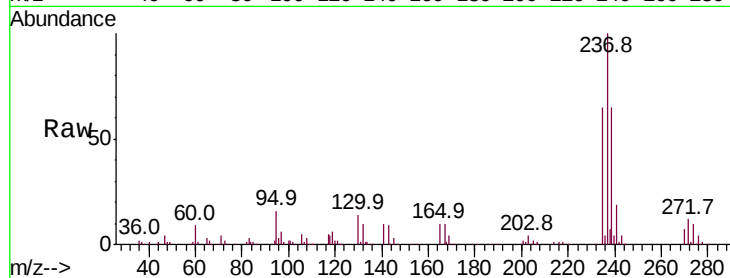




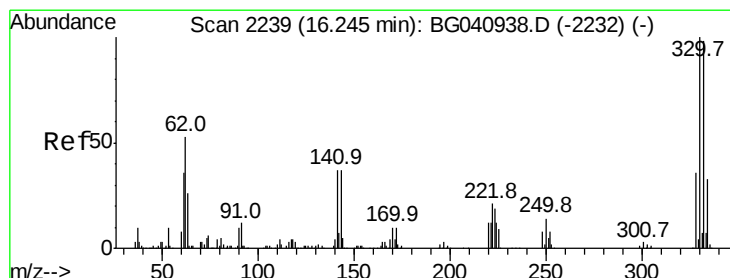
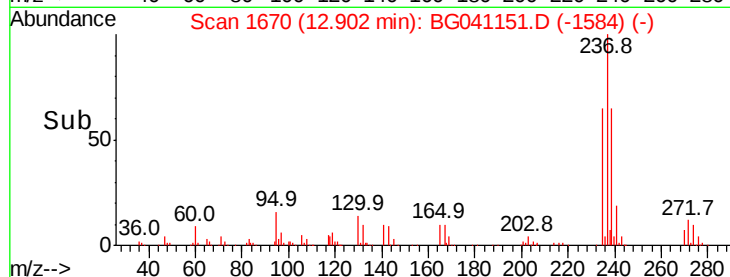
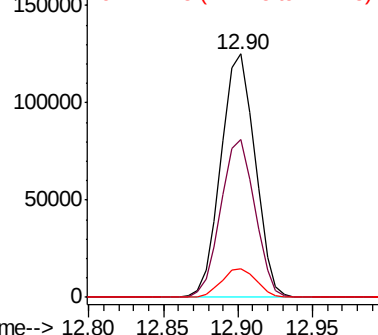
#41
Hexachlorocyclopentadiene
Concen: 79.319 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	45.5	85.5
272	11.9	0.0	32.9

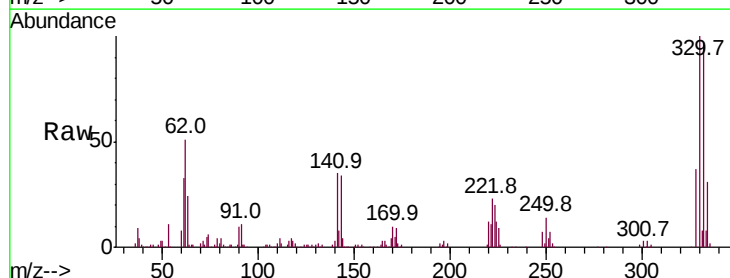


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

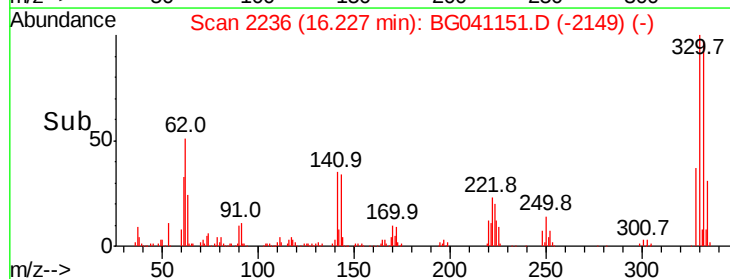
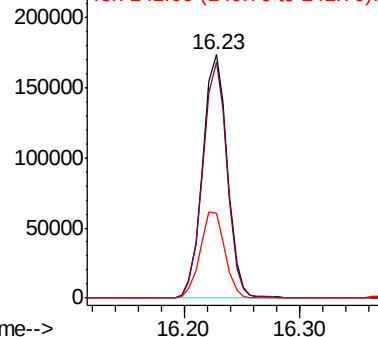


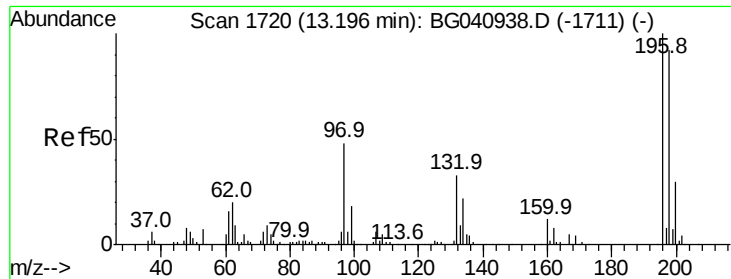
#42
2,4,6-Tribromophenol
Concen: 150.359 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	35.7	28.7	43.1



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

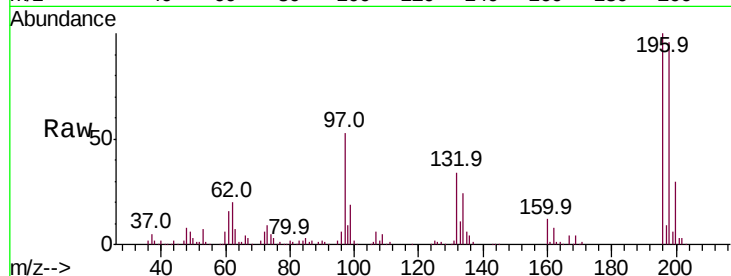




#43
 2,4,6-Trichlorophenol
 Concen: 45.242 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	73.8	110.6
200	30.5	24.1	36.1

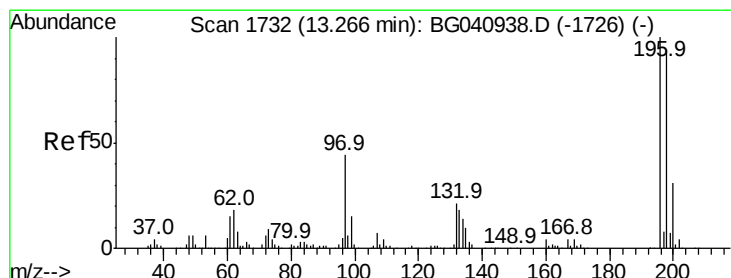
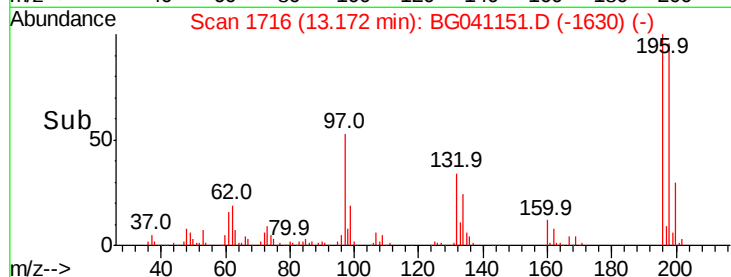
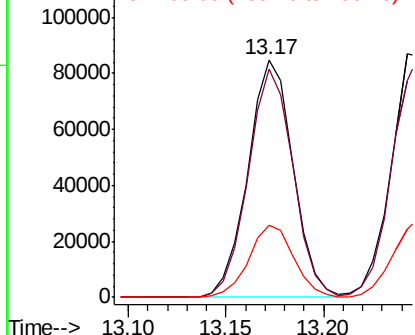


Abundance

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: 46.398 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.1	75.1	112.7
97	45.5	35.6	53.4
132	22.5	16.7	25.1

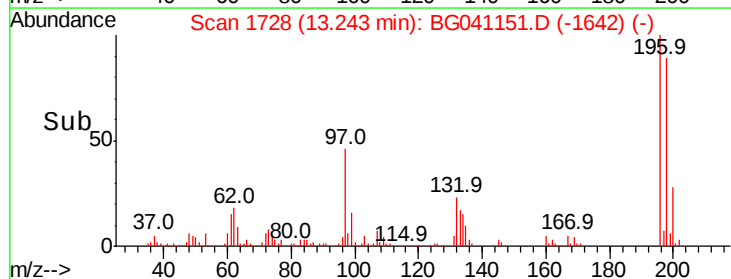
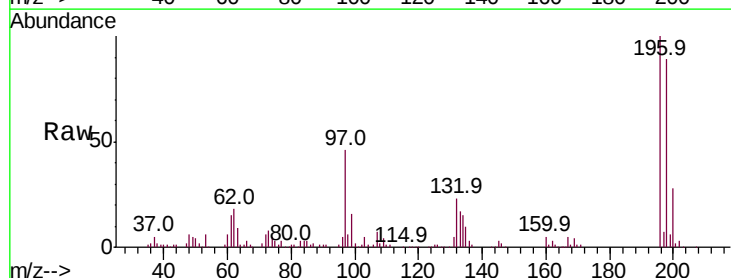
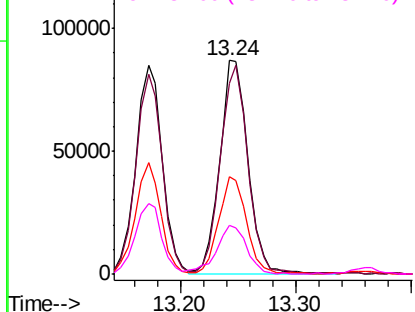
Abundance

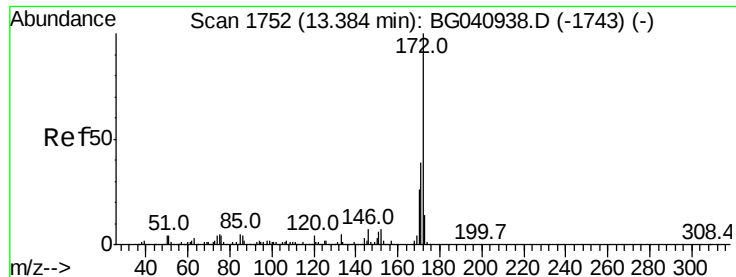
Ion 196.00 (195.70 to 196.70): E

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

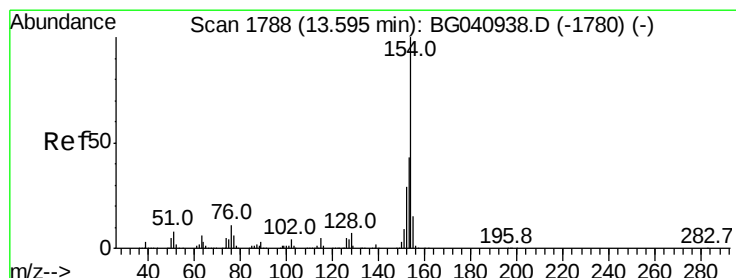
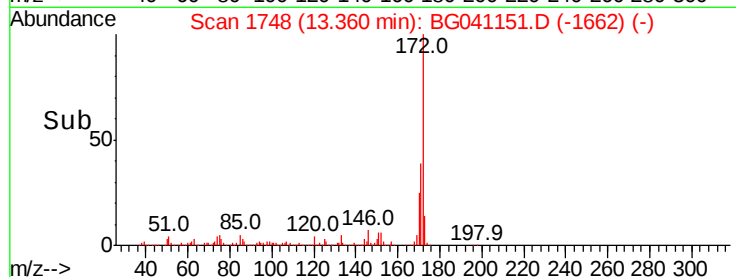
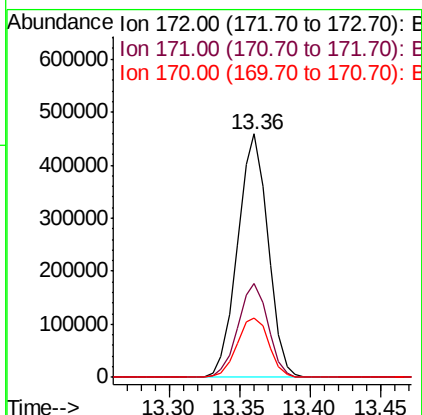
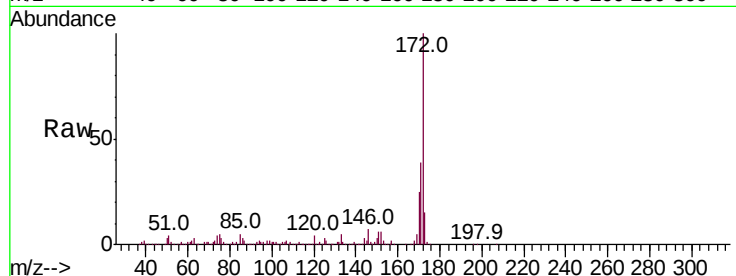




#45
2-Fluorobiphenyl
Concen: 86.335 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

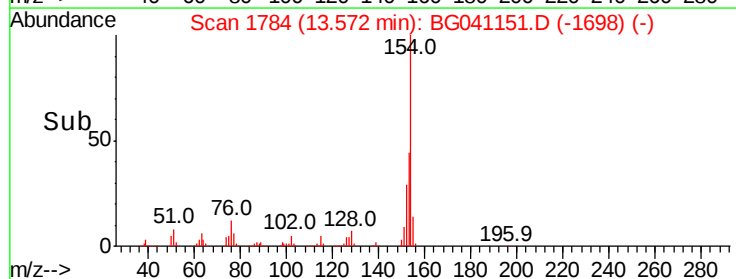
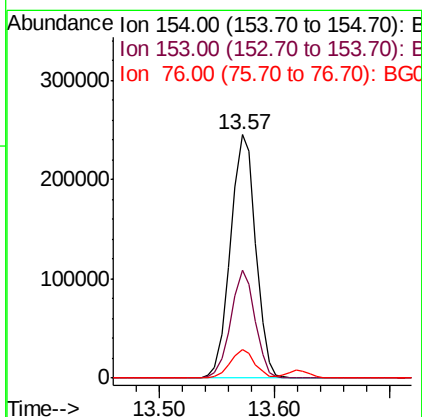
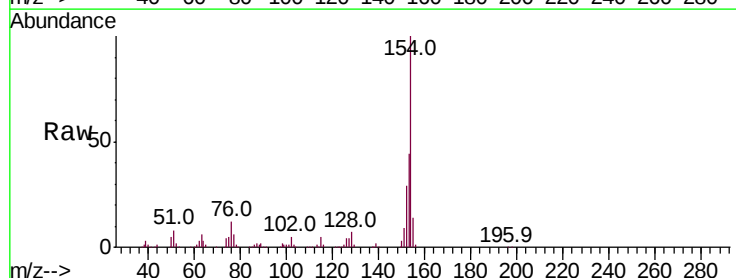
Instrument :
BNA_G
ClientSampleId :

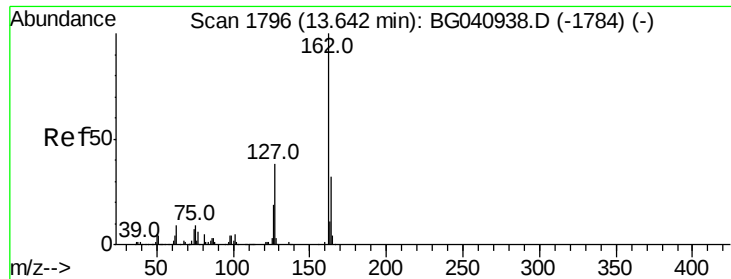
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	24.6	20.5	30.7



#46
1,1'-Biphenyl
Concen: 43.482 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	23.3	63.3
76	11.9	0.0	31.1

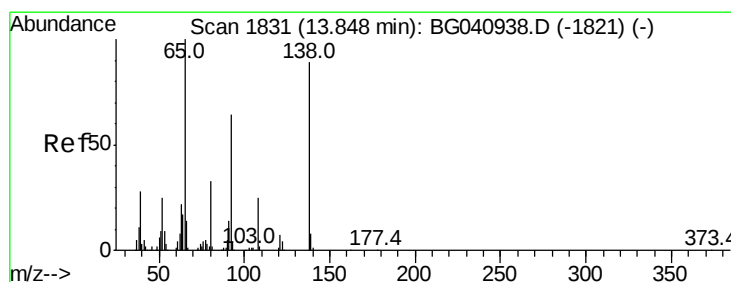
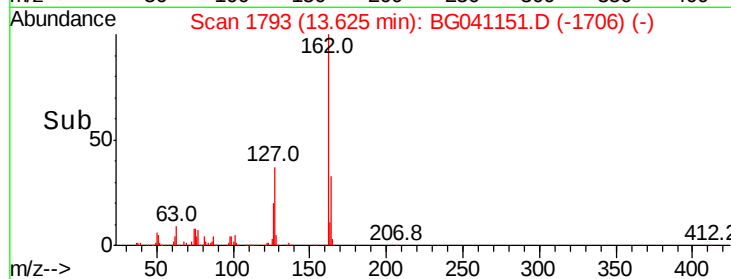
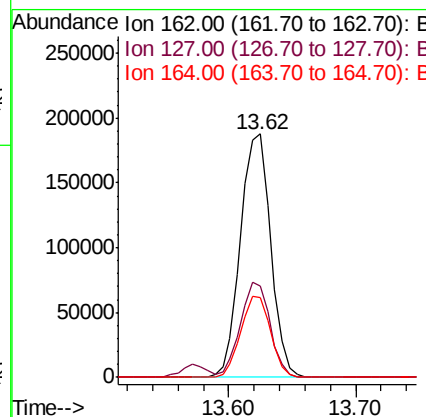
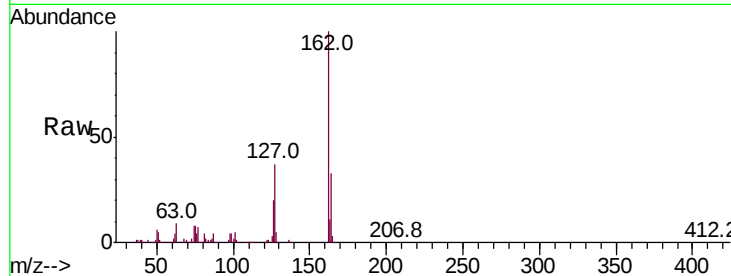




#47
2-Chloronaphthalene
Concen: 42.324 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

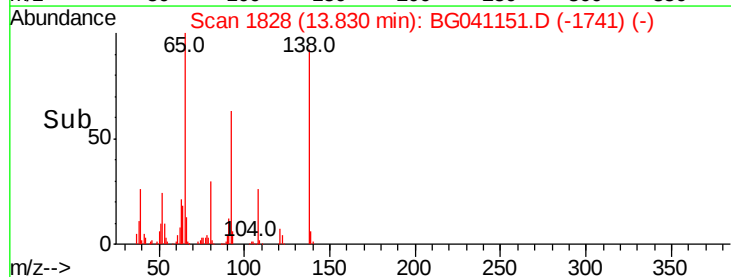
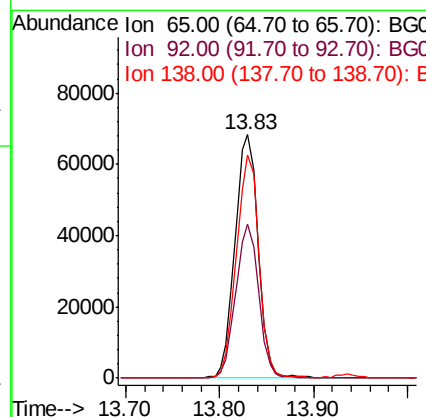
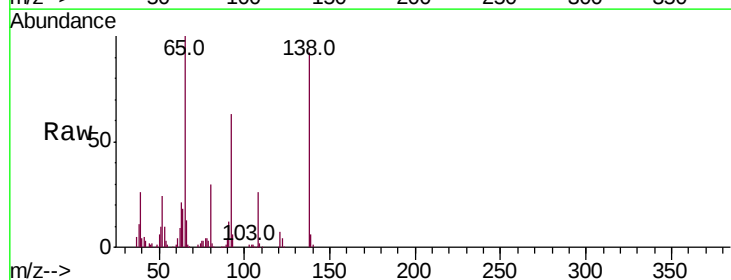
Instrument :
BNA_G
ClientSampled :

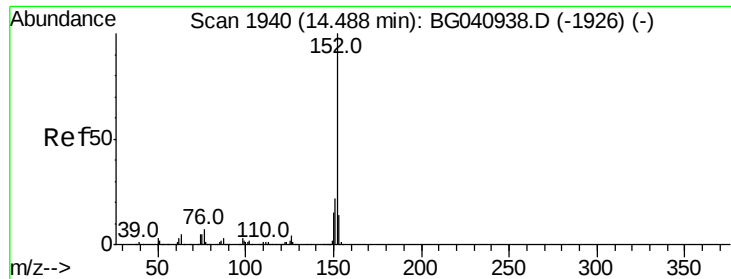
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.5	45.7
164	33.0	25.8	38.6



#48
2-Nitroaniline
Concen: 44.668 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	51.0	76.6
138	91.5	71.2	106.8





#49

Acenaphthylene

Concen: 45.853 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

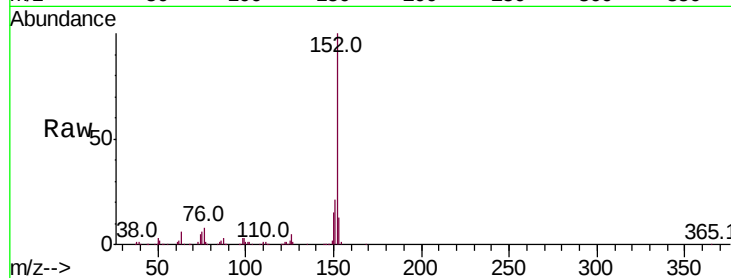
Tot Ion:152 Resp: 504742

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

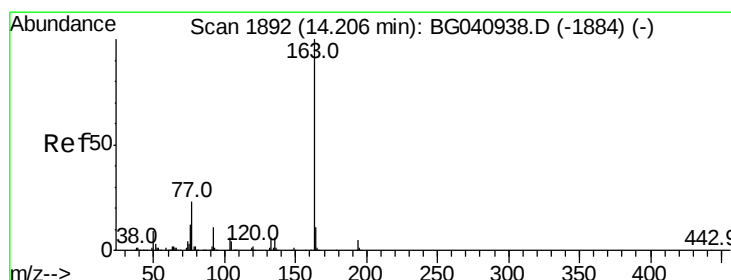
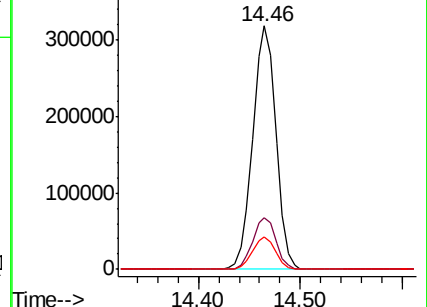
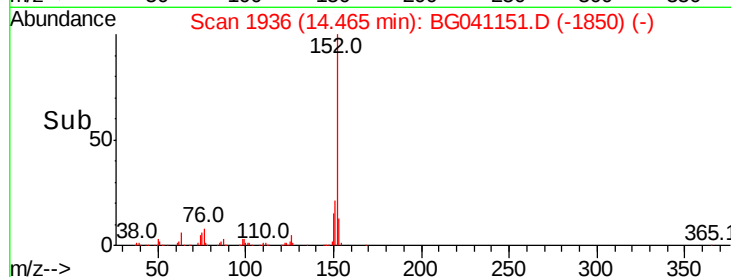
153 13.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.127 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

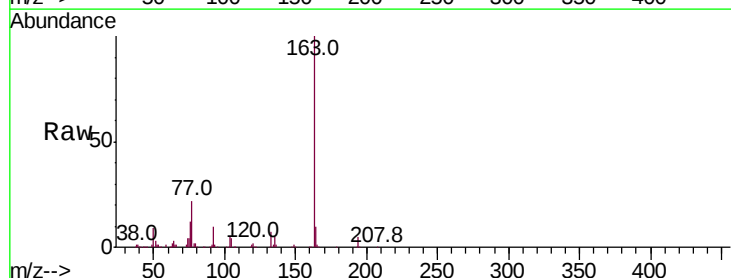
Tgt Ion:163 Resp: 420181

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

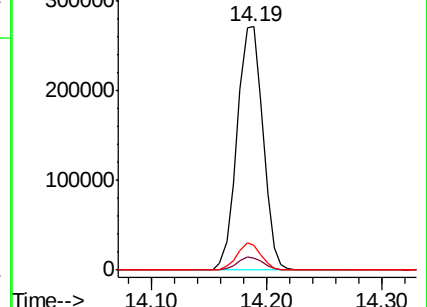
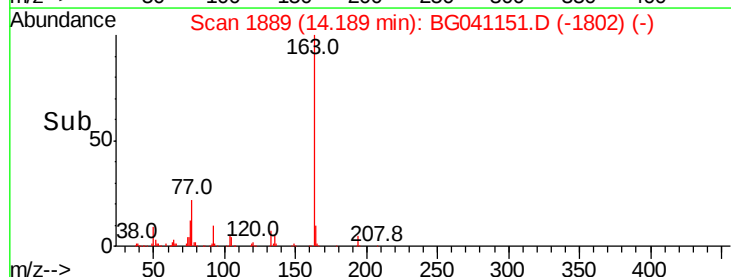
164 10.2 8.7 13.1

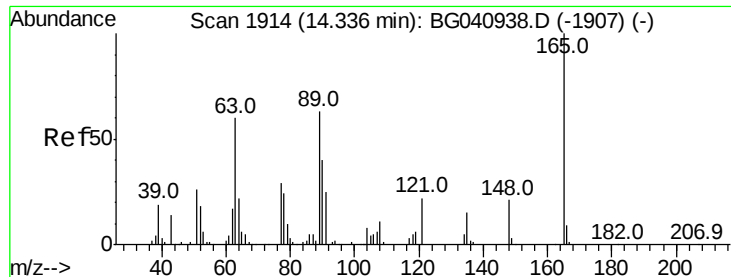


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

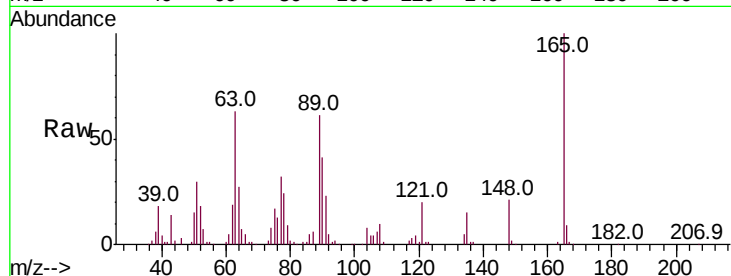




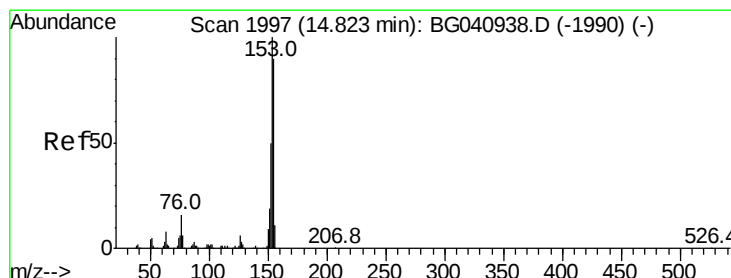
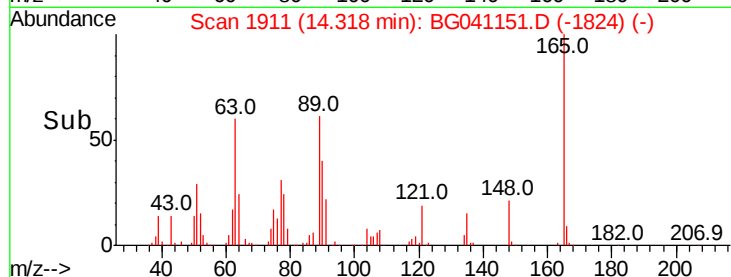
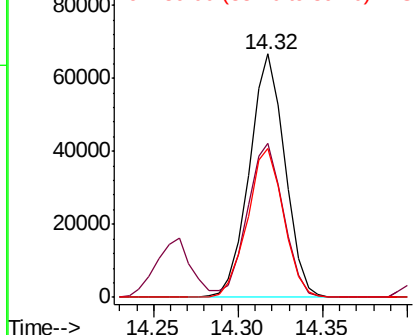
#51
2,6-Dinitrotoluene
Concen: 46.210 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 97070
Ion Ratio Lower Upper
165 100
63 63.2 53.6 80.4
89 61.1 50.4 75.6

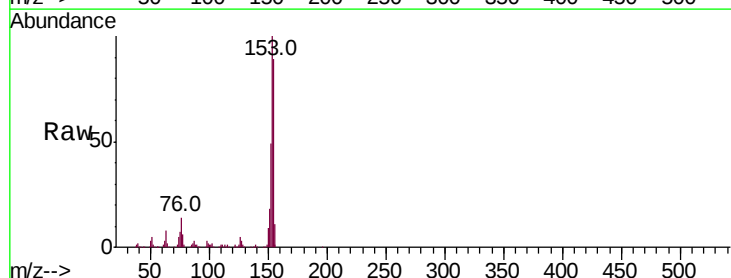


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

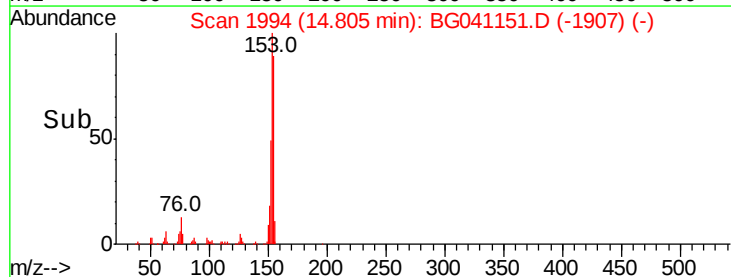
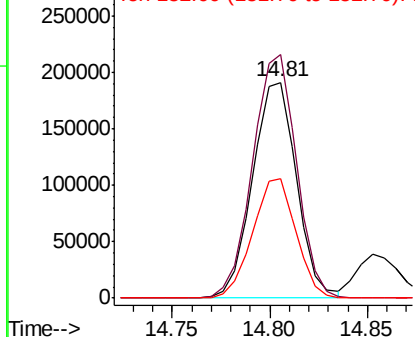


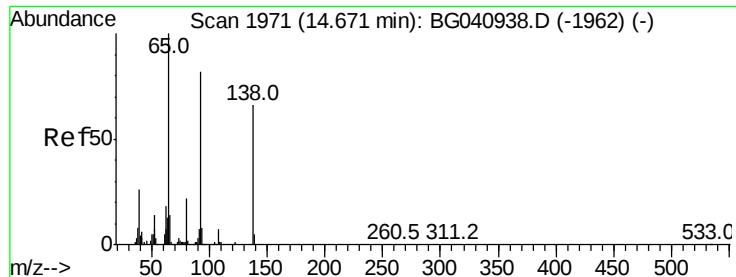
#52
Acenaphthene
Concen: 44.891 ng
RT: 14.81 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:154 Resp: 299357
Ion Ratio Lower Upper
154 100
153 113.0 88.6 133.0
152 55.4 44.2 66.4



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: 25.433 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

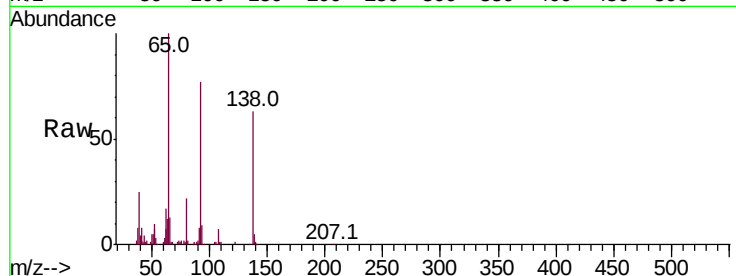
Tot Ion:138 Resp: 53423

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

92 122.5 99.0 148.6

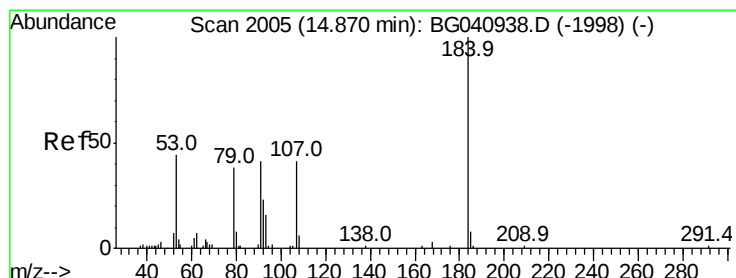
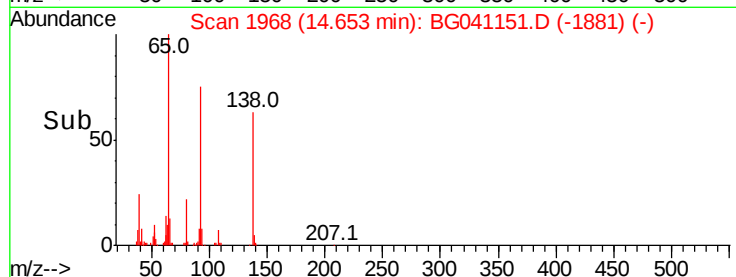
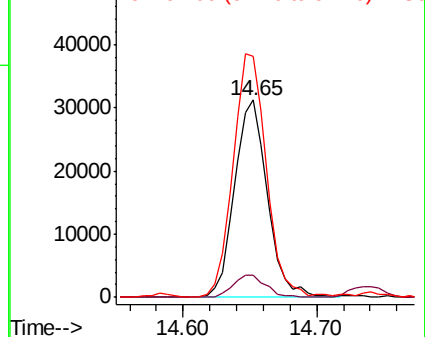


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.040 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

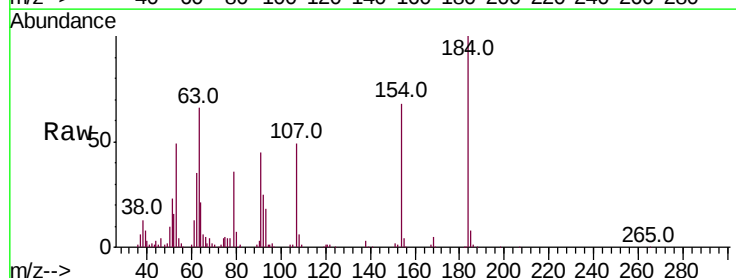
Tgt Ion:184 Resp: 102250

Ion Ratio Lower Upper

184 100

63 66.1 49.8 74.6

154 67.9 52.2 78.4

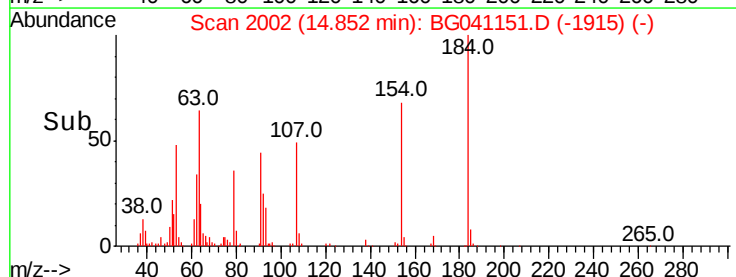
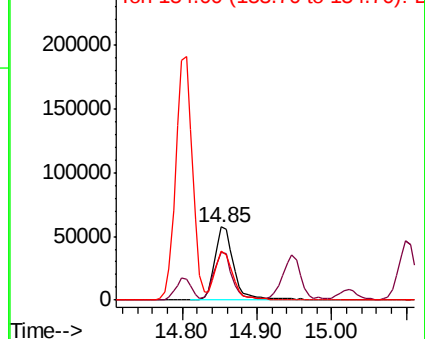


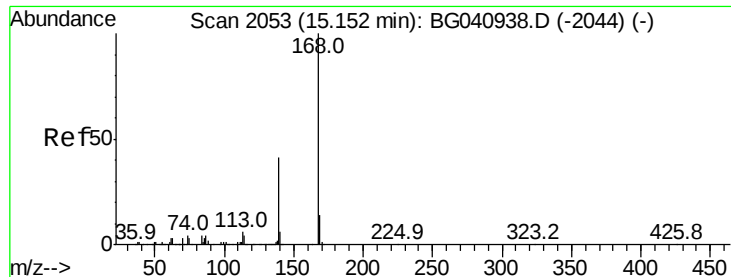
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.877 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

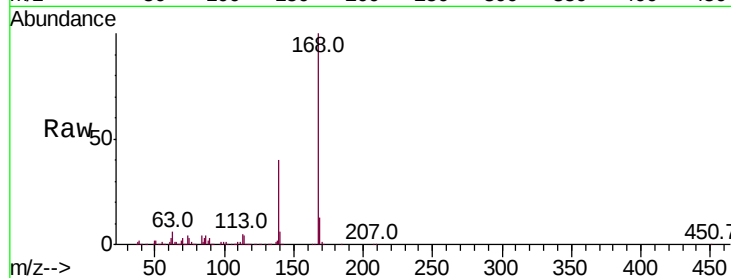
Tot Ion:168 Resp: 514771

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

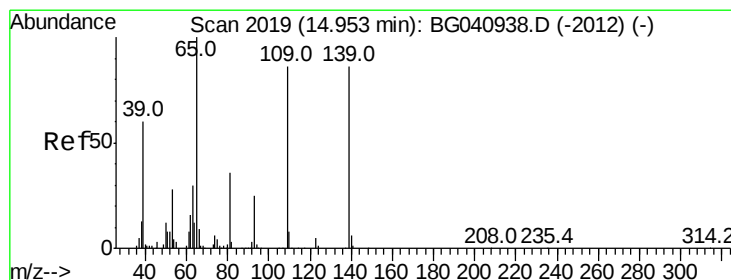
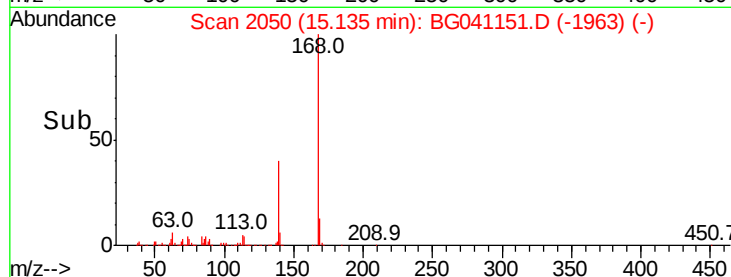
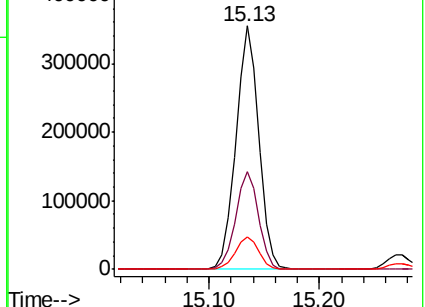
169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 105.489 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

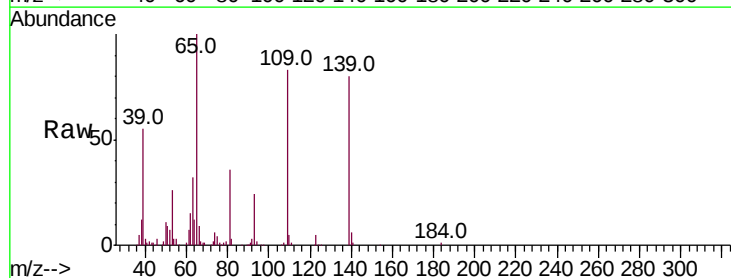
Tgt Ion:139 Resp: 151989

Ion Ratio Lower Upper

139 100

109 103.8 79.6 119.6

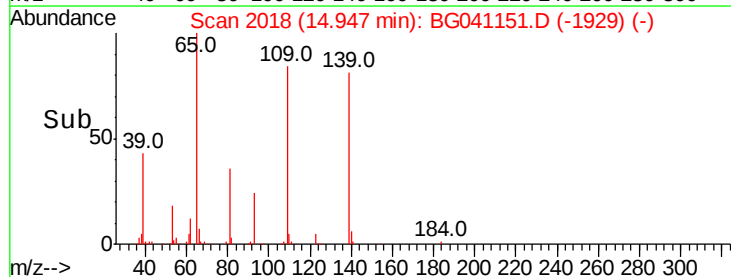
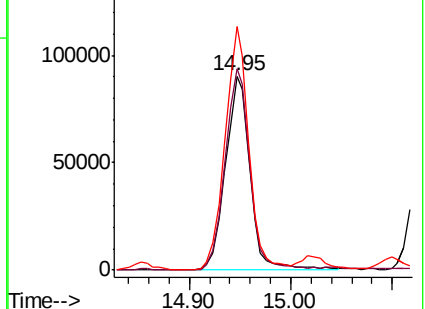
65 125.3 96.9 136.9

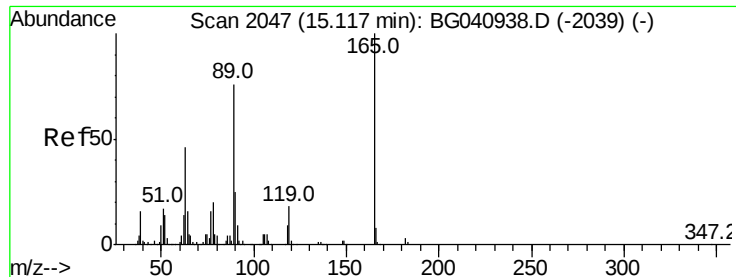


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

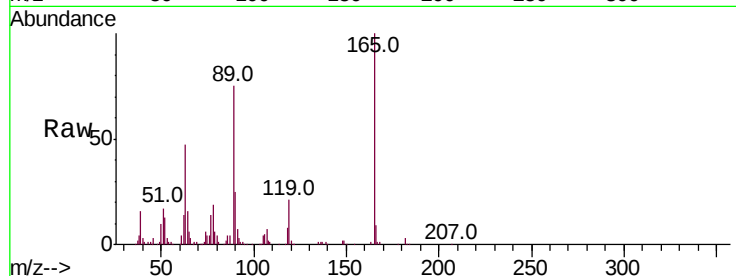




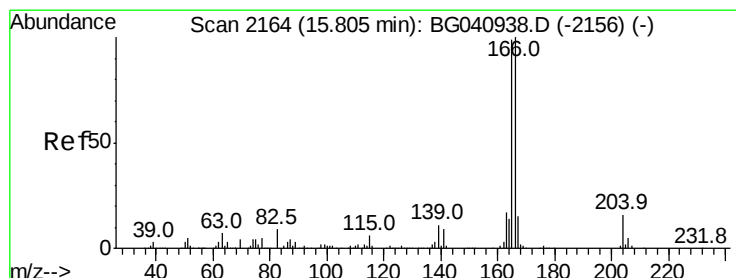
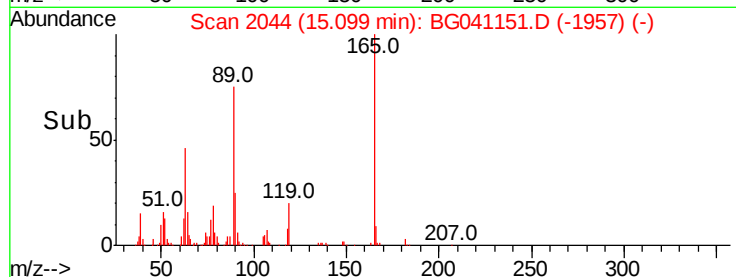
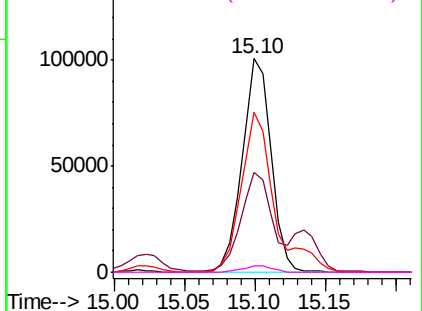
#57
2,4-Dinitrotoluene
Concen: 48.717 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 144560
Ion Ratio Lower Upper
165 100
63 46.7 37.3 55.9
89 75.0 61.0 91.6
182 2.9 2.2 3.2

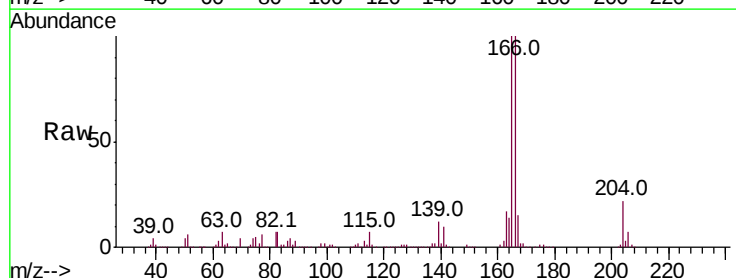


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

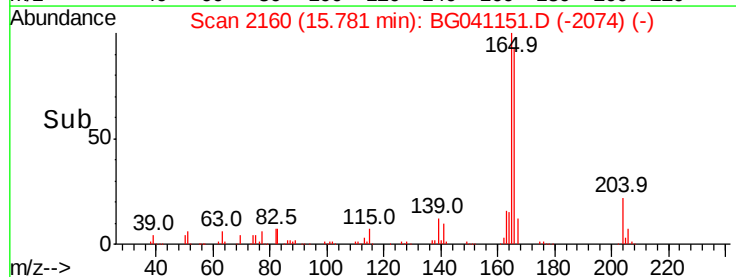
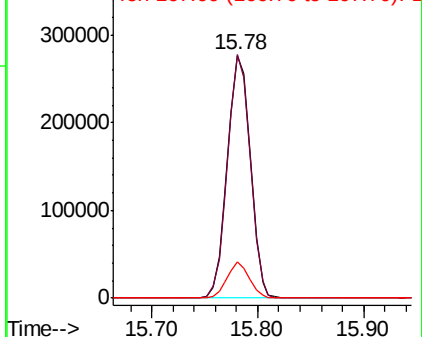


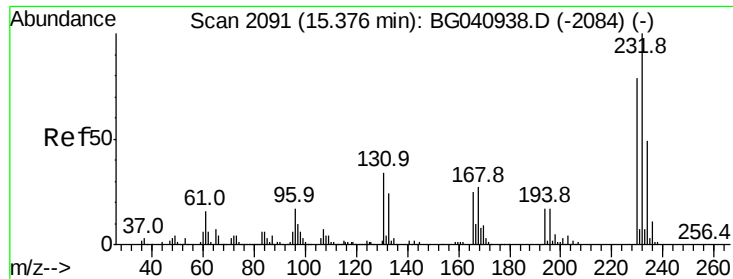
#58
Fluorene
Concen: 46.596 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:166 Resp: 416379
Ion Ratio Lower Upper
166 100
165 100.3 79.2 118.8
167 14.7 11.8 17.6



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

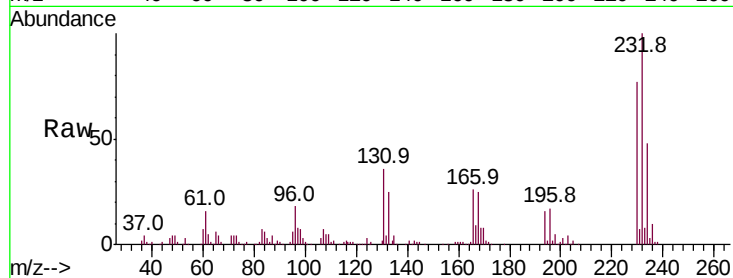




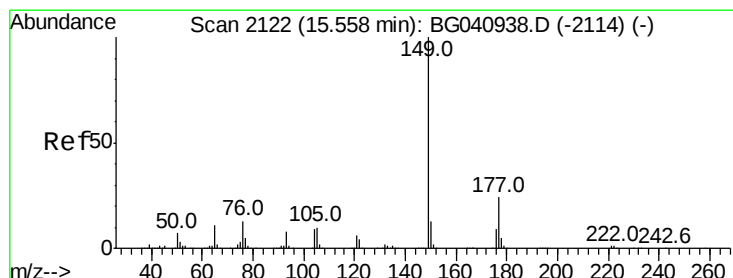
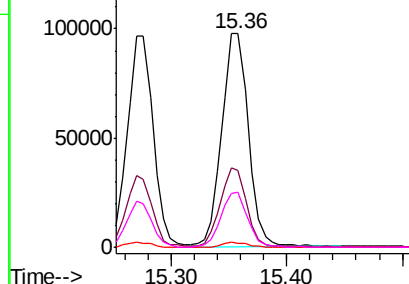
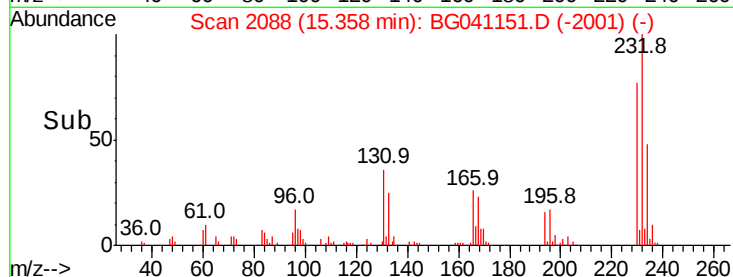
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.407 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	156784
Ion	Ratio	Lower	Upper
232	100		
131	36.7	30.3	45.5
130	2.3	1.8	2.8
166	25.4	21.3	31.9

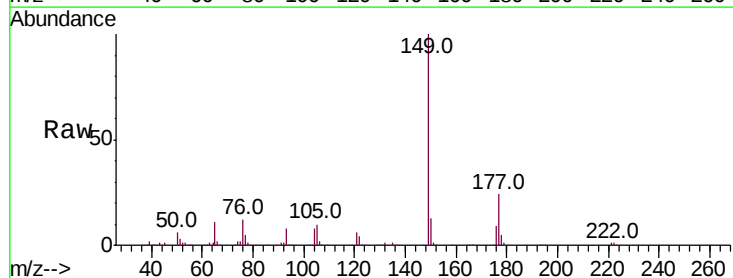


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

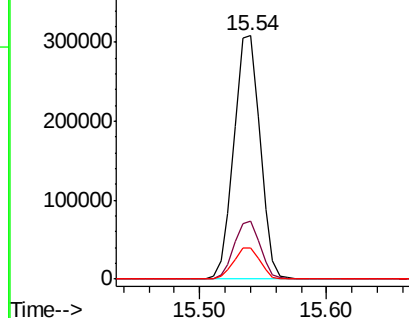
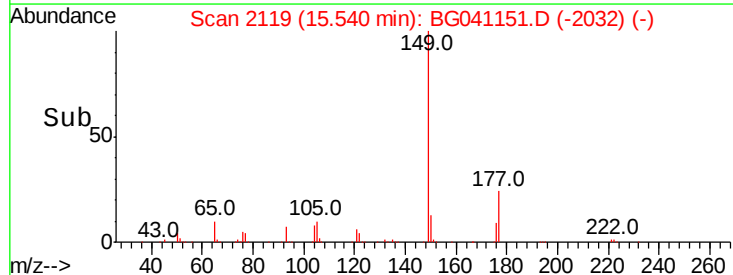


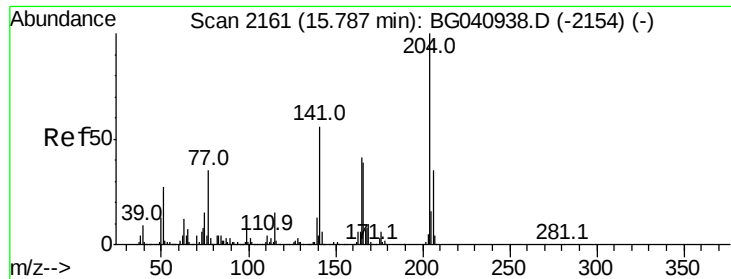
#60
 Diethylphthalate
 Concen: 44.150 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion:	149	Resp:	438973
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	12.6	10.3	15.5



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

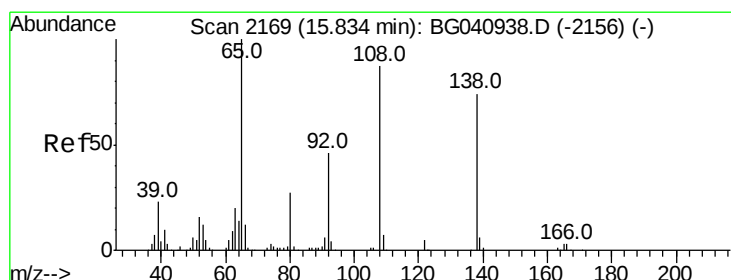
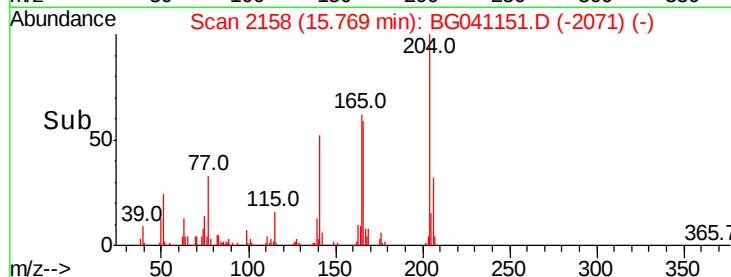
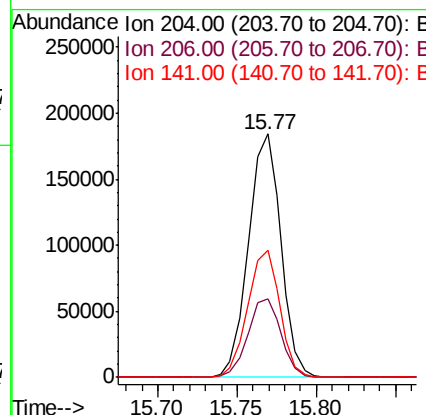
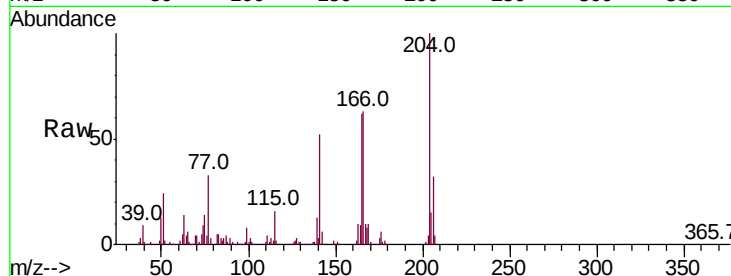




#61
 4-Chlorophenyl-phenylether
 Concen: 44.965 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

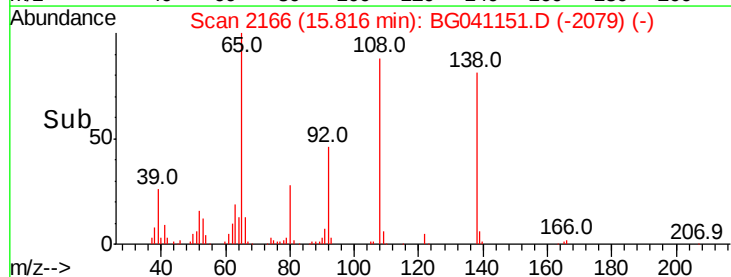
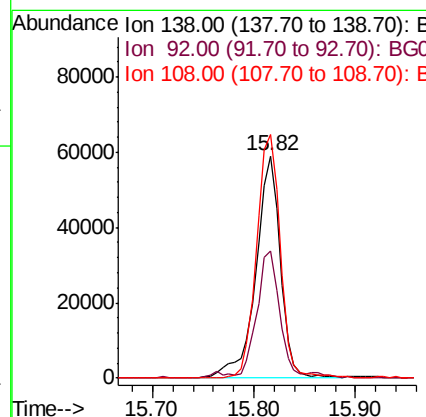
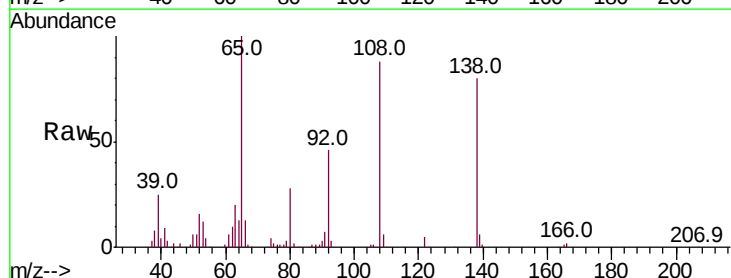
Instrument :
 BNA_G
 ClientSampled :

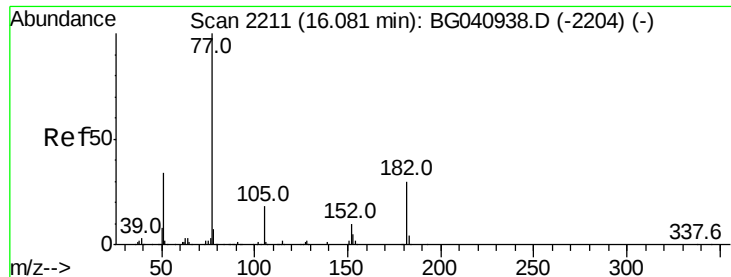
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.6	41.4
141	52.1	45.1	67.7



#62
 4-Nitroaniline
 Concen: 44.759 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG041151.D
 Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	42.4	82.4
108	109.5	96.9	136.9





#63

Azobenzene

Concen: 45.606 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 412137

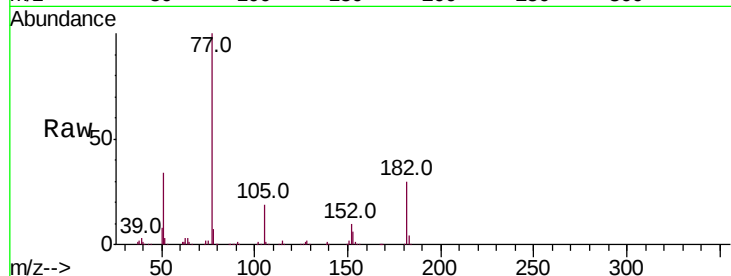
Ion	Ratio	Lower	Upper
77	100		
182	30.0	9.6	49.6
105	18.8	0.0	37.5
51	33.8	13.7	53.7

77 100

182 30.0 9.6 49.6

105 18.8 0.0 37.5

51 33.8 13.7 53.7



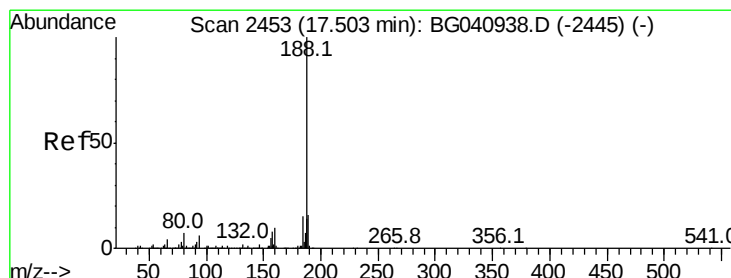
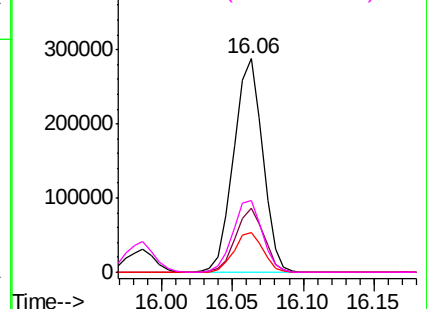
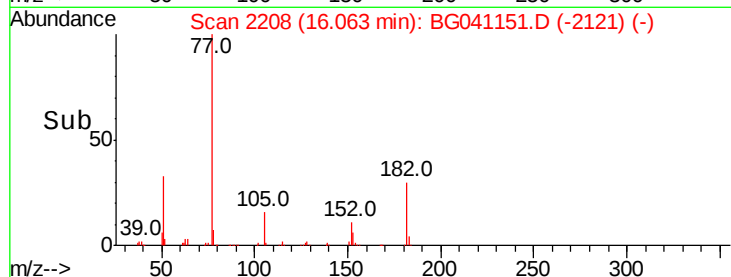
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

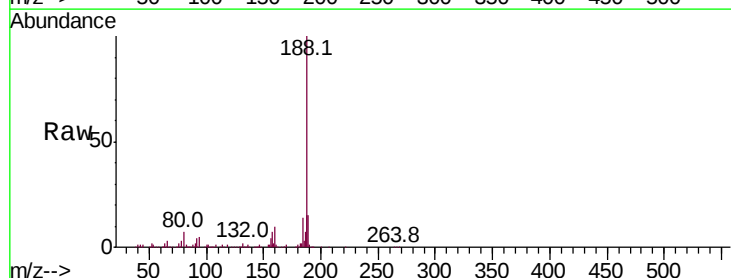
Tgt Ion: 188 Resp: 304835

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.7	7.1
80	7.2	5.8	8.8

188 100

94 4.9 4.7 7.1

80 7.2 5.8 8.8

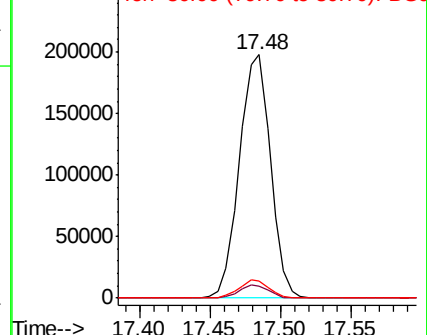
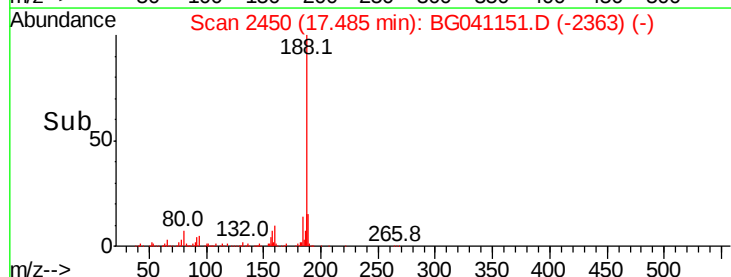


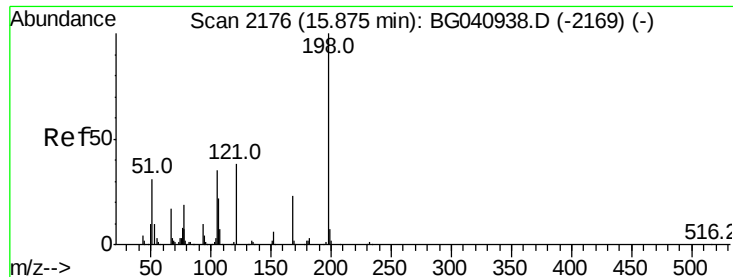
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.553 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

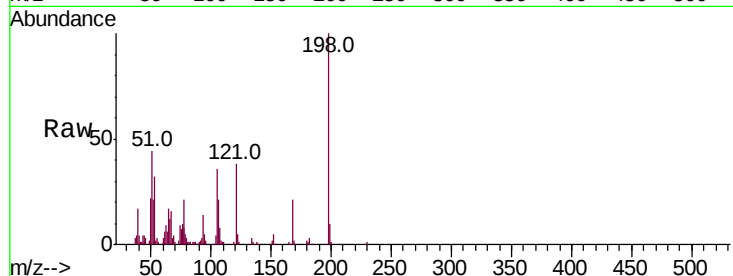
Tot Ion:198 Resp: 79507

Ion Ratio Lower Upper

198 100

51 43.8 21.6 61.6

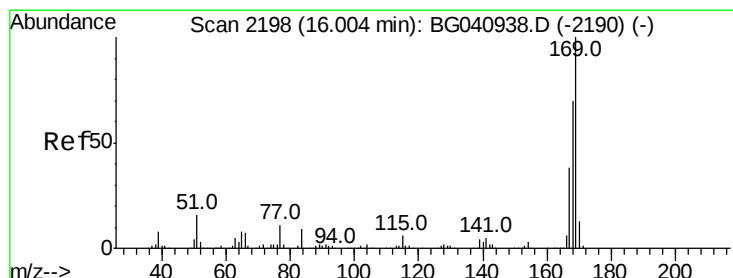
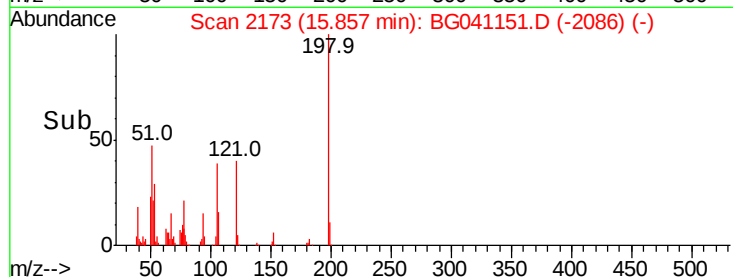
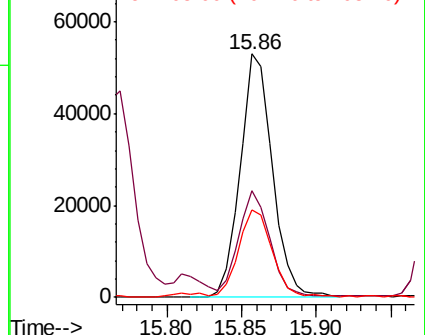
105 36.0 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.665 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

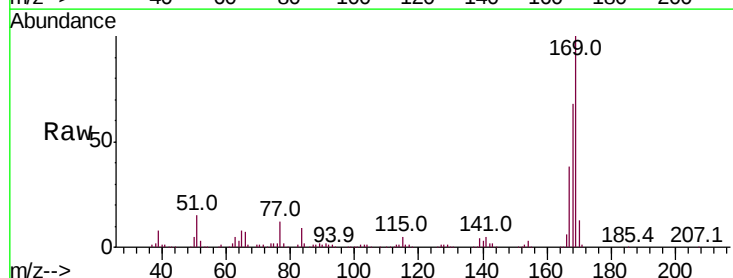
Tgt Ion:169 Resp: 382748

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

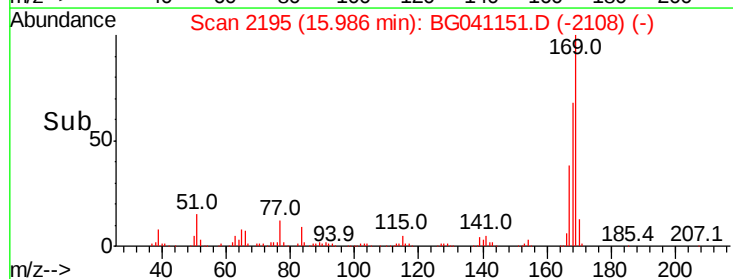
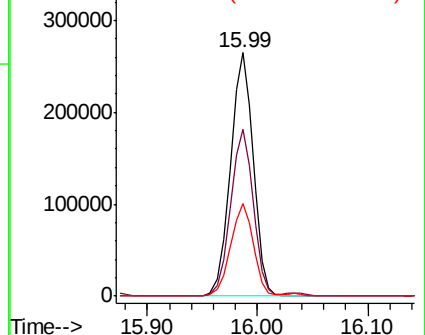
167 38.2 30.2 45.2

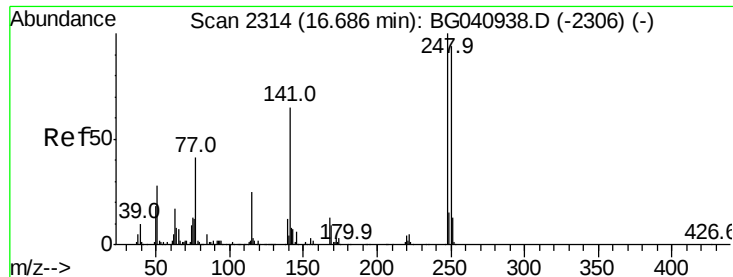


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

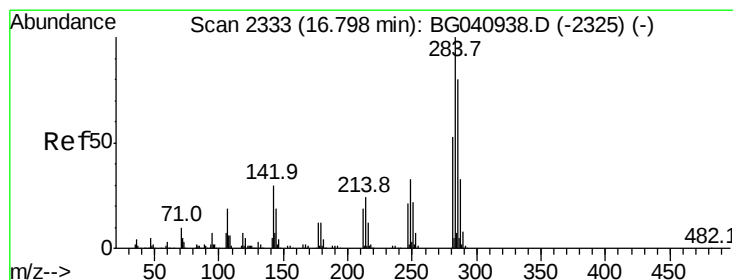
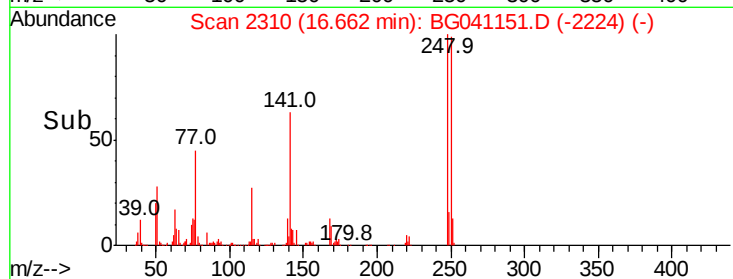
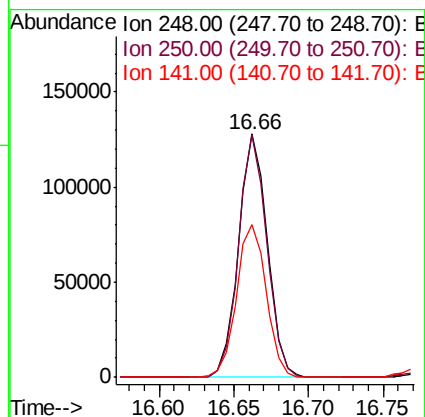
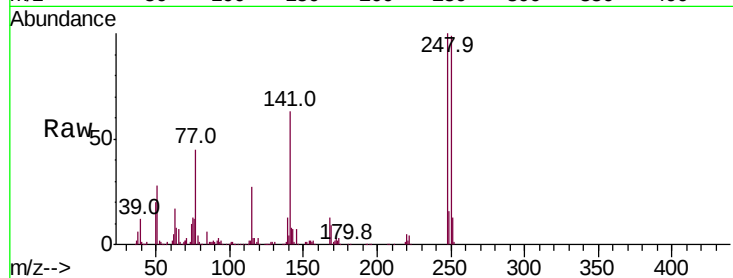




#67
4-Bromophenyl-phenylether
Concen: 41.770 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

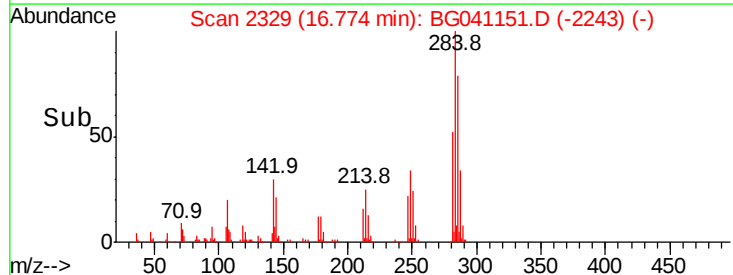
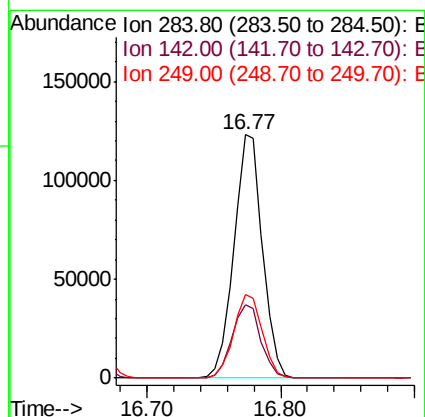
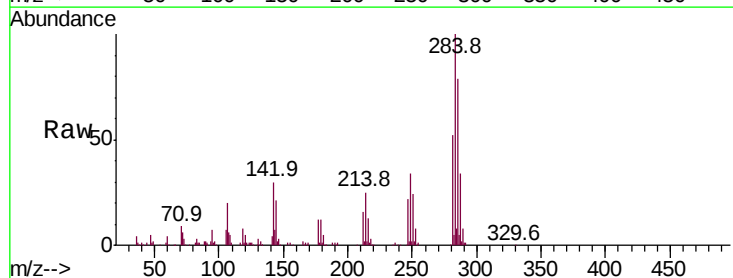
Instrument :
BNA_G
ClientSampleId :

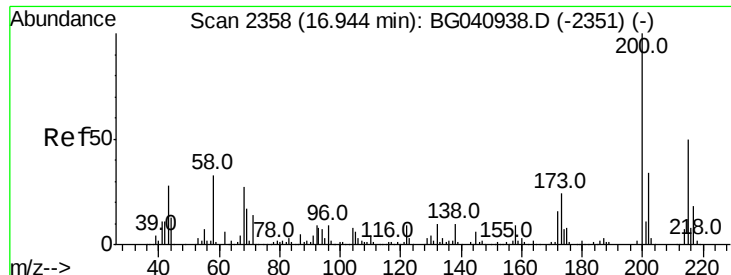
Tot Ion:248 Resp: 171838
Ion Ratio Lower Upper
248 100
250 99.3 75.0 112.4
141 62.7 52.4 78.6



#68
Hexachlorobenzene
Concen: 41.729 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:284 Resp: 182797
Ion Ratio Lower Upper
284 100
142 30.0 23.9 35.9
249 34.2 26.8 40.2





#69

Atrazine

Concen: 50.208 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

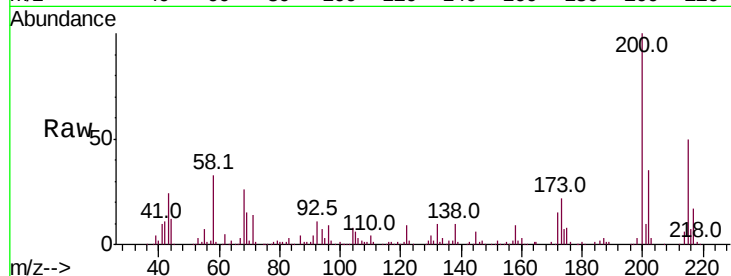
Tot Ion:200 Resp: 166014

Ion Ratio Lower Upper

200 100

173 22.0 3.6 43.6

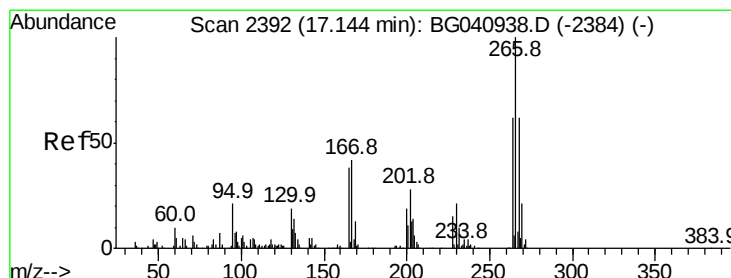
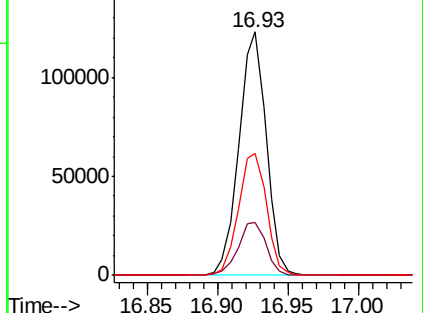
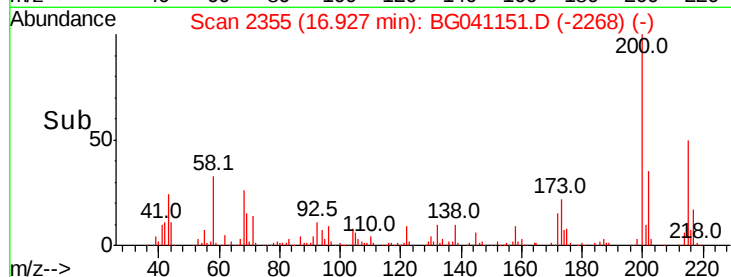
215 50.2 29.6 69.6



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: 85.255 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

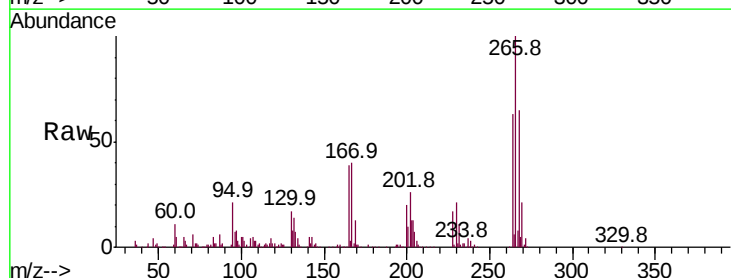
Tgt Ion:266 Resp: 200761

Ion Ratio Lower Upper

266 100

268 65.3 53.1 79.7

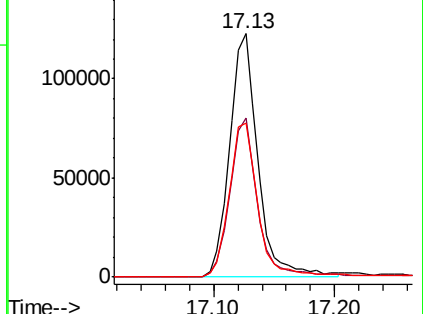
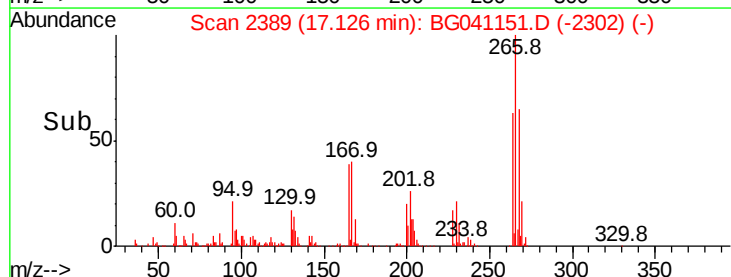
264 63.1 49.9 74.9

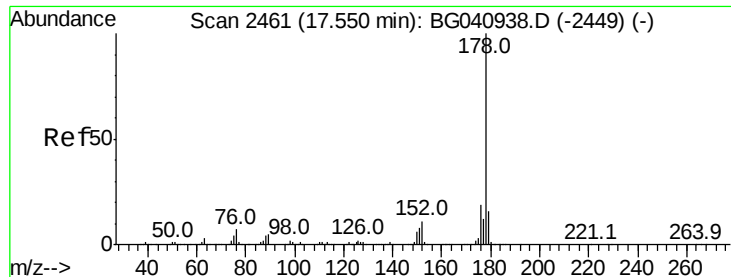


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

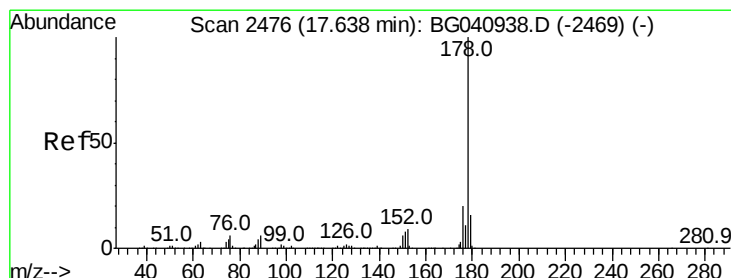
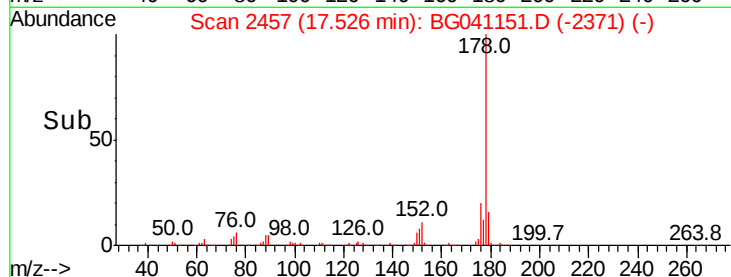
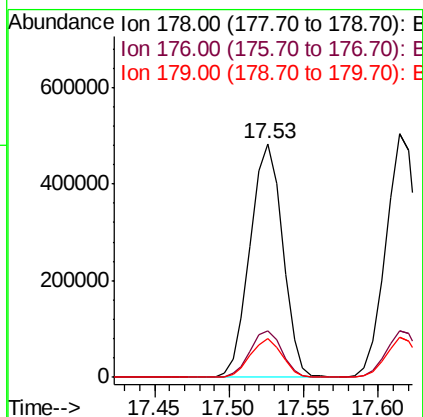
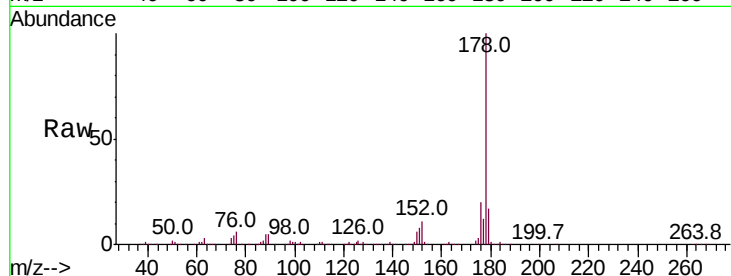




#71
Phenanthrene
Concen: 45.997 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

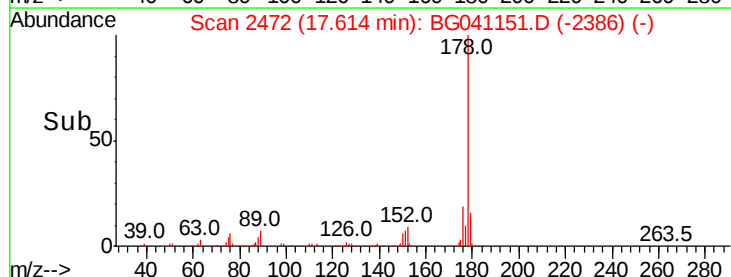
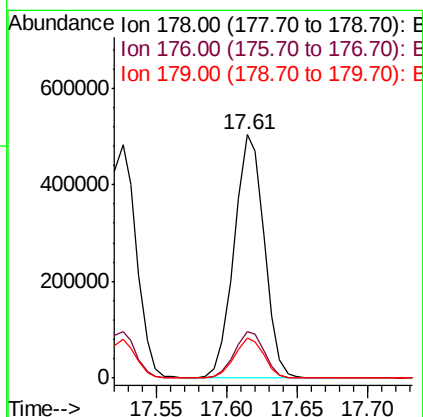
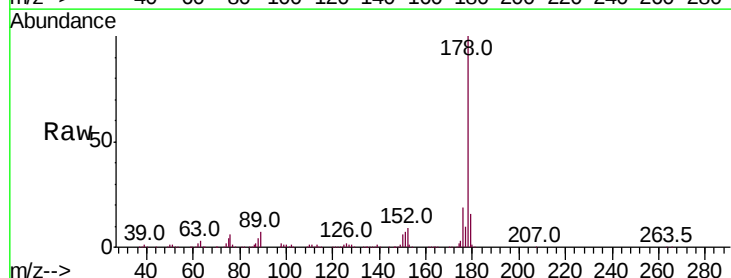
Instrument :
BNA_G
ClientSampleId :

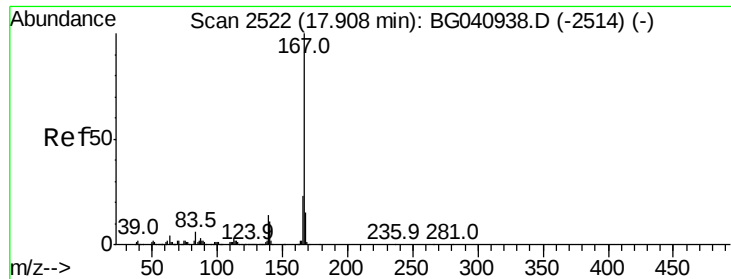
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.6	12.7	19.1



#72
Anthracene
Concen: 47.634 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.4	13.0	19.4





#73

Carbazole

Concen: 48.405 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

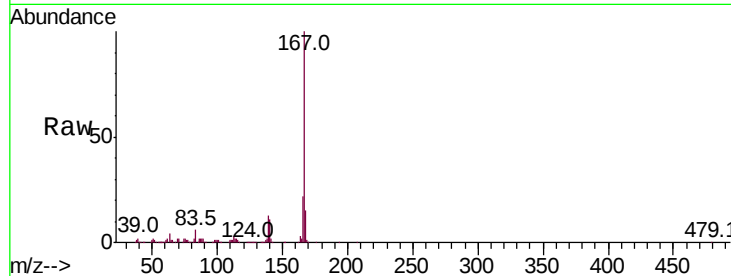
Tot Ion:167 Resp: 650426

Ion Ratio Lower Upper

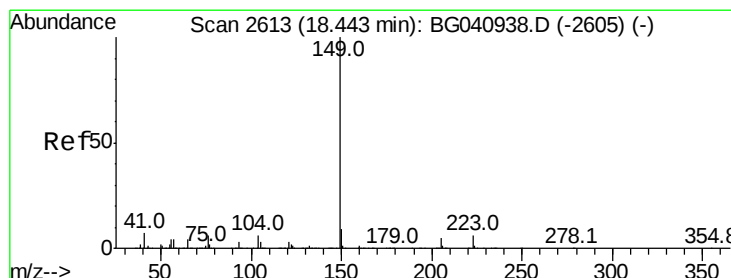
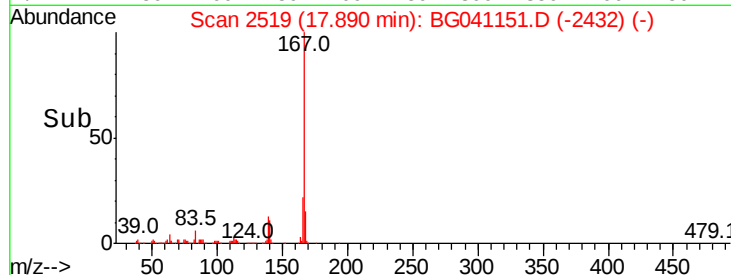
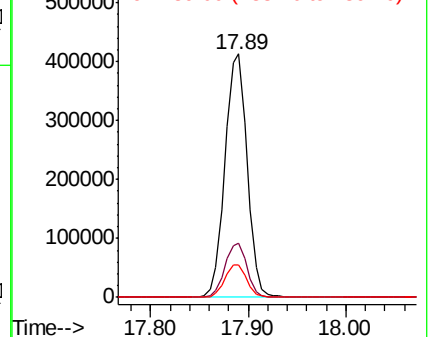
167 100

166 22.2 18.2 27.4

139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.619 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

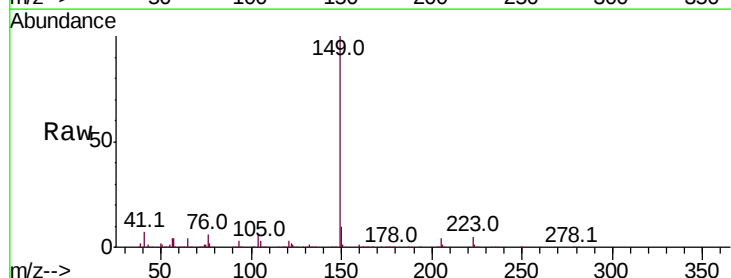
Tgt Ion:149 Resp: 761871

Ion Ratio Lower Upper

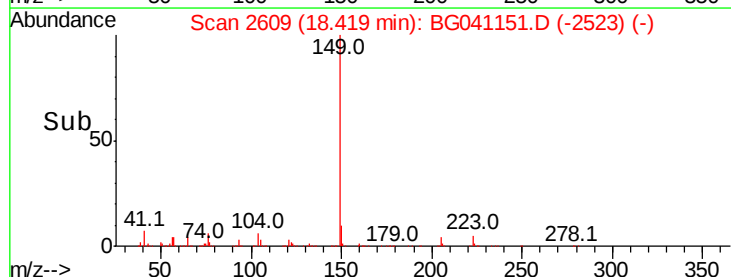
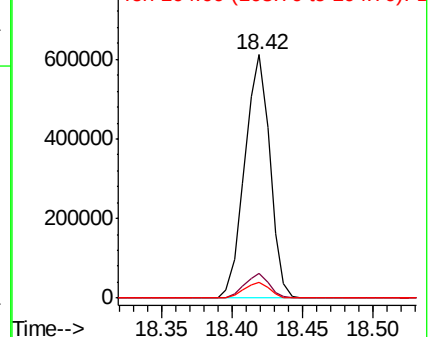
149 100

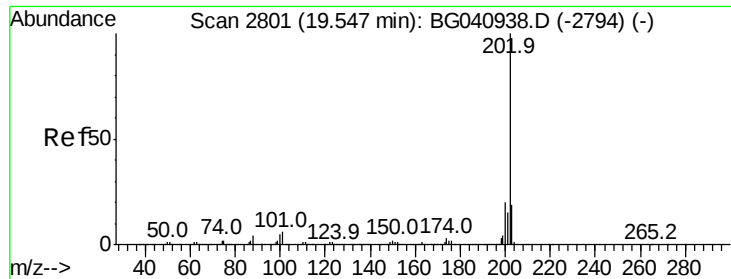
150 10.2 7.4 11.2

104 6.5 5.0 7.4



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





#75

Fluoranthene

Concen: 48.393 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

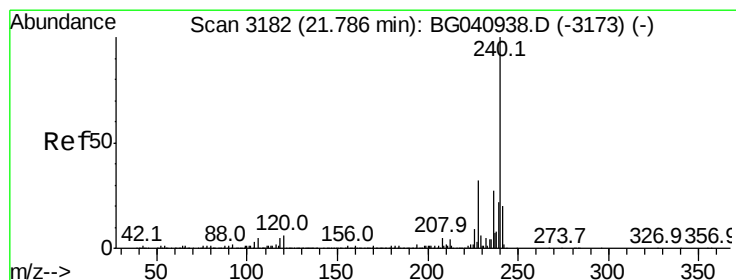
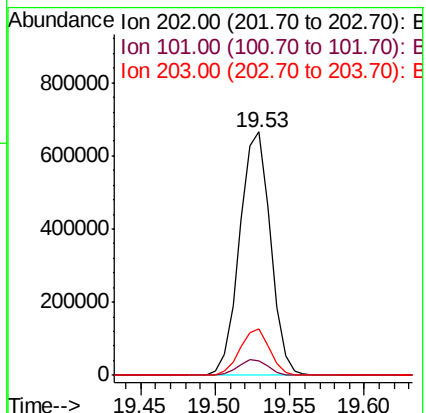
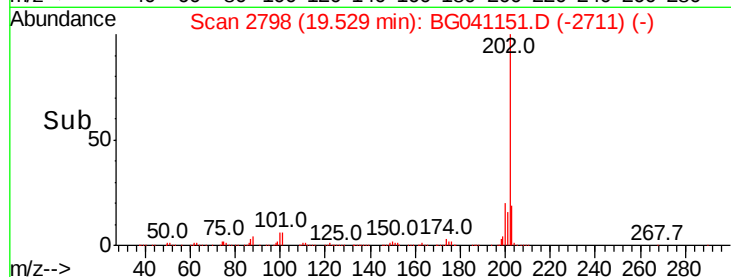
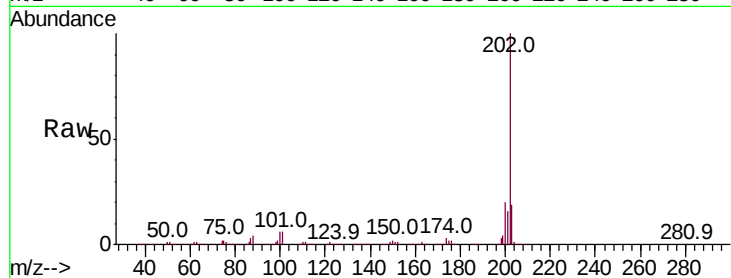
Tot Ion:202 Resp: 949108

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.2

203 19.0 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

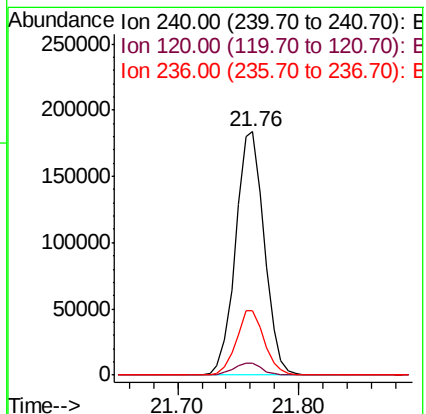
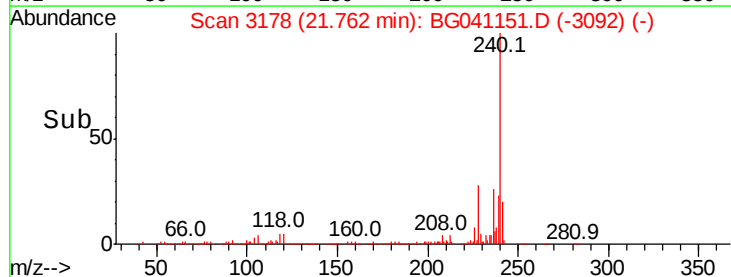
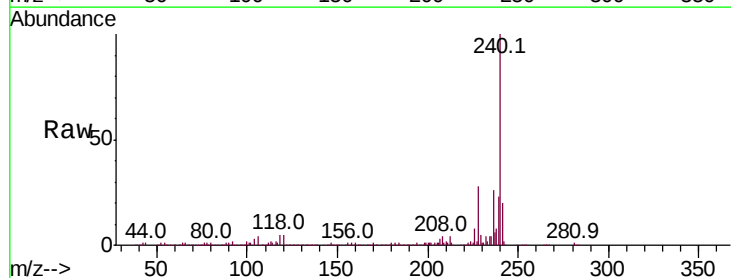
Tgt Ion:240 Resp: 303869

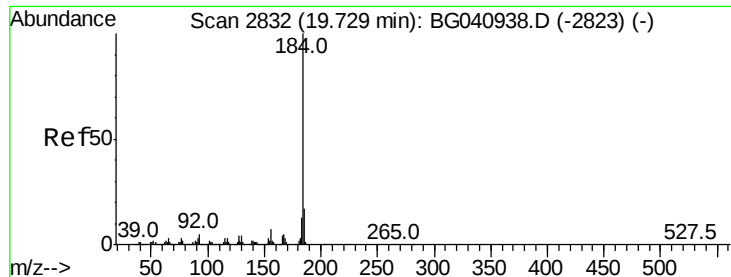
Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

236 26.3 21.3 31.9





#77

Benzidine

Concen: 23.951 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

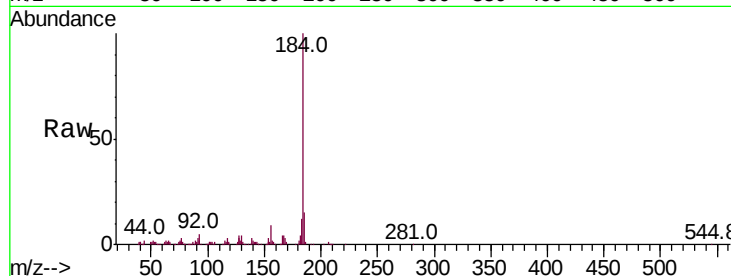
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 173620

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.3	19.9
183	12.3	10.7	16.1

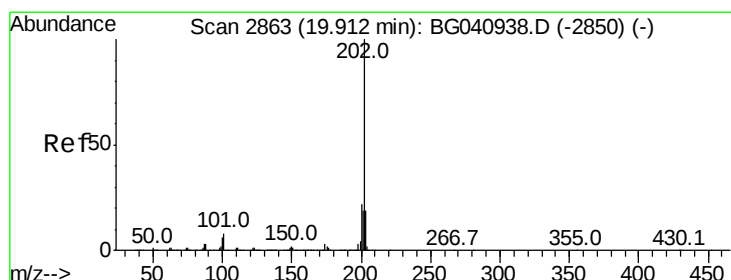
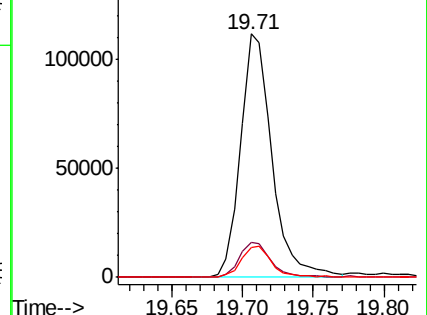
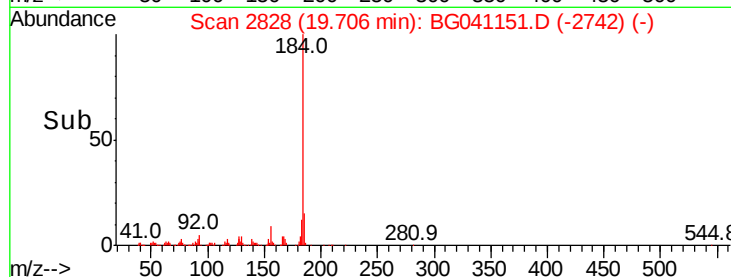


Abundance

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: 48.137 ng

RT: 19.89 min Scan# 2859

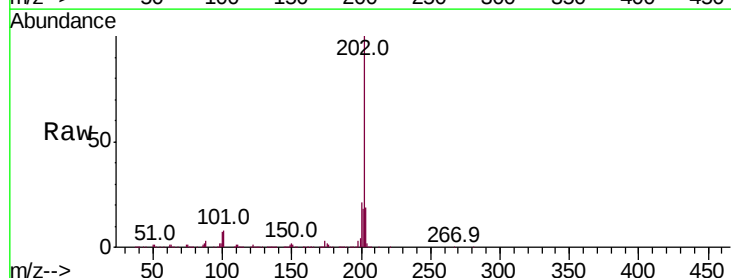
Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Tgt Ion:202 Resp: 950869

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	19.0	15.6	23.4

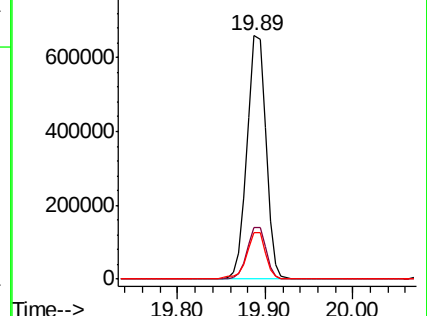
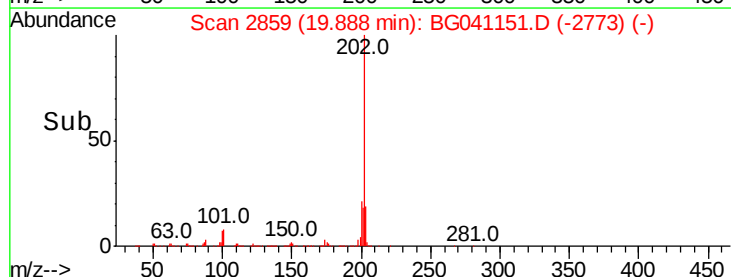


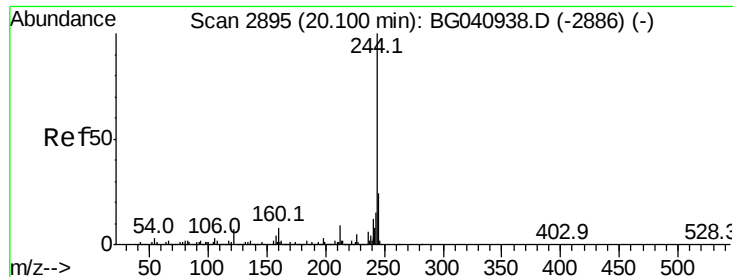
Abundance

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: 96.259 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampled :

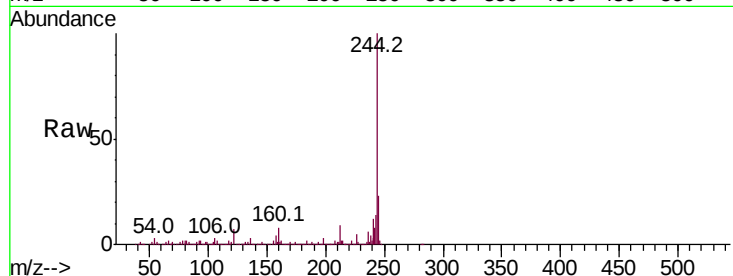
Tot Ion:244 Resp: 1378194

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

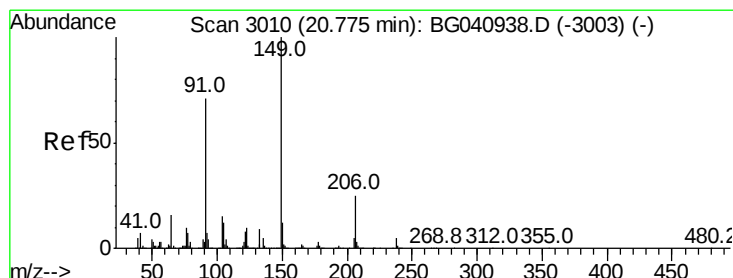
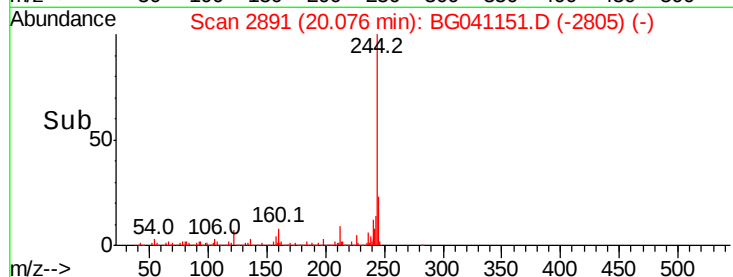
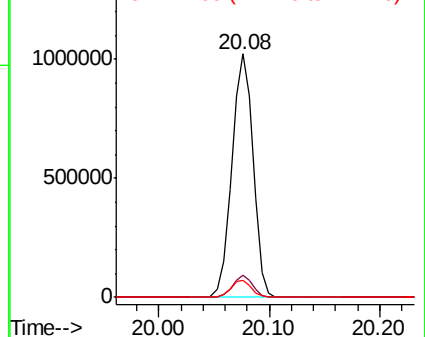
122 7.2 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.431 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

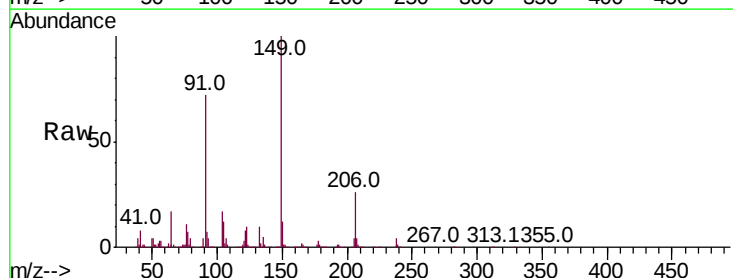
Tgt Ion:149 Resp: 356926

Ion Ratio Lower Upper

149 100

91 72.0 56.5 84.7

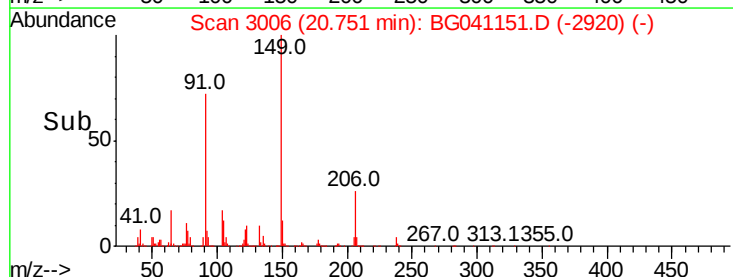
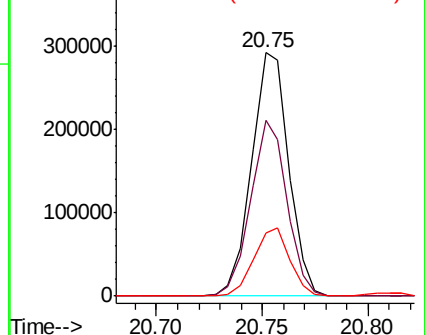
206 25.8 20.3 30.5

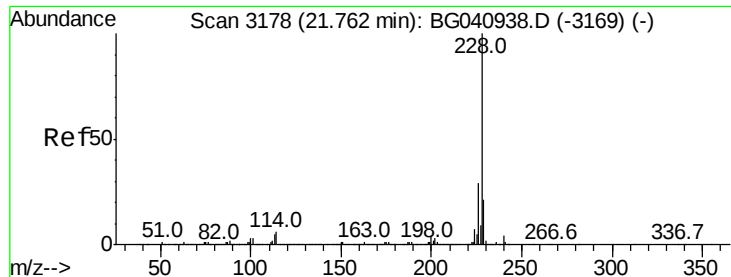


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.637 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

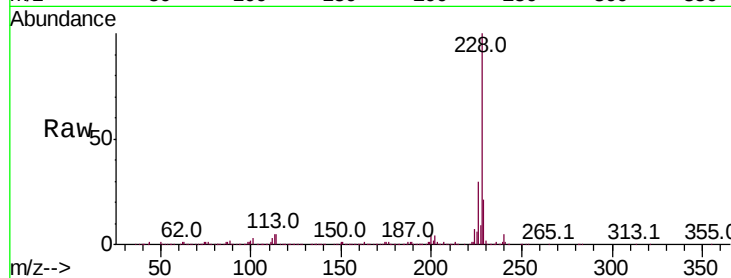
Tot Ion:228 Resp: 923119

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	21.3	16.7	25.1

228 100

226 29.5 23.5 35.3

229 21.3 16.7 25.1

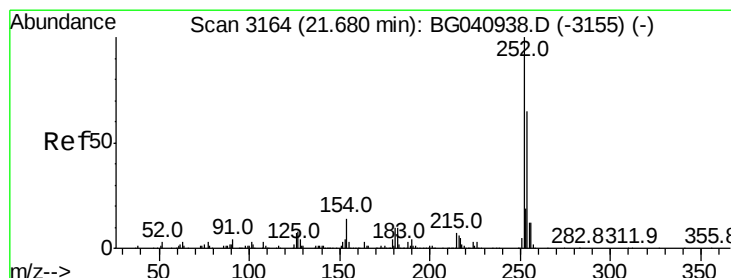
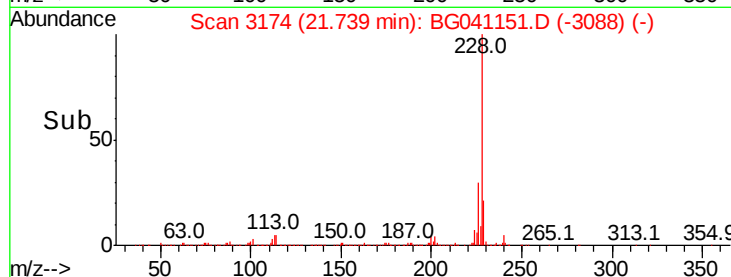
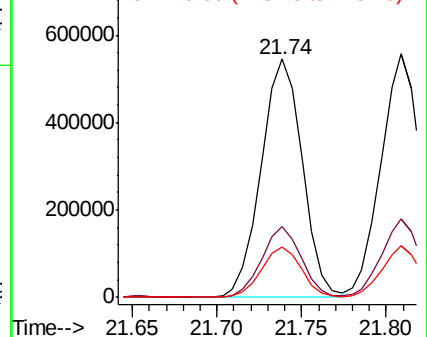


Abundance

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: 24.746 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

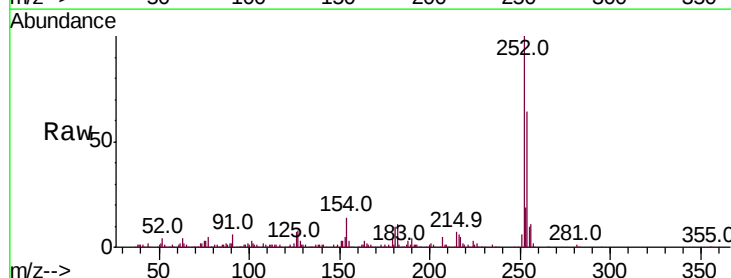
Tgt Ion:252 Resp: 176052

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	7.5	5.5	8.3

252 100

254 64.3 52.1 78.1

126 7.5 5.5 8.3

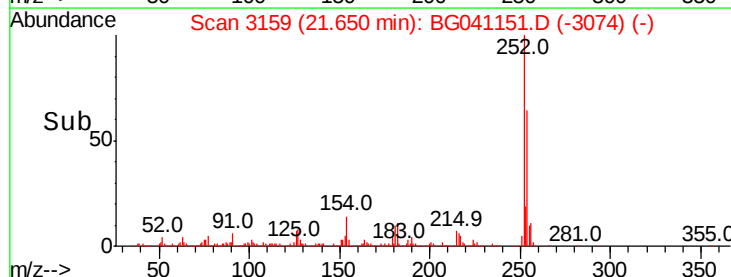
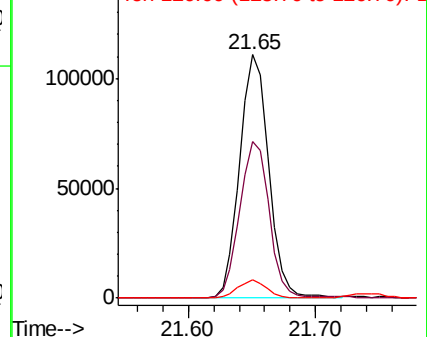


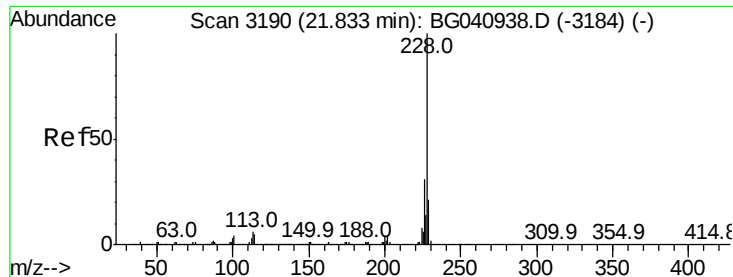
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.457 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

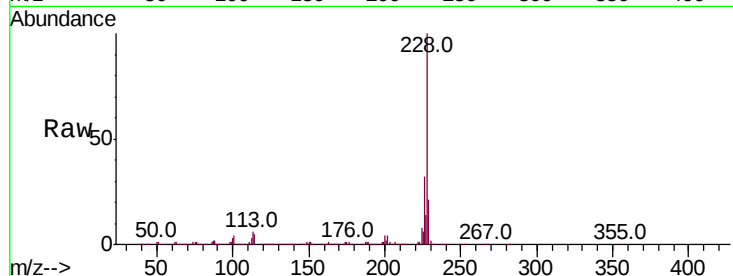
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 899269

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	21.0	16.6	24.8

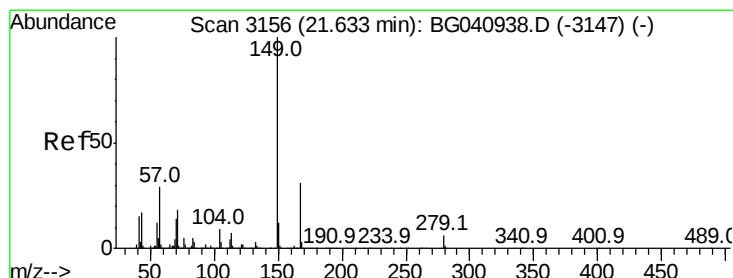
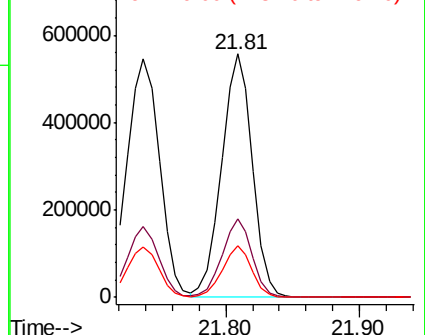
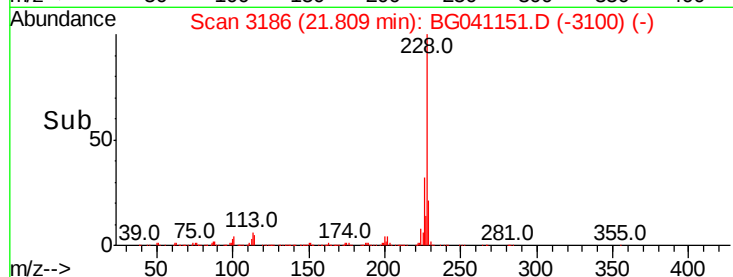


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.847 ng

RT: 21.60 min Scan# 3151

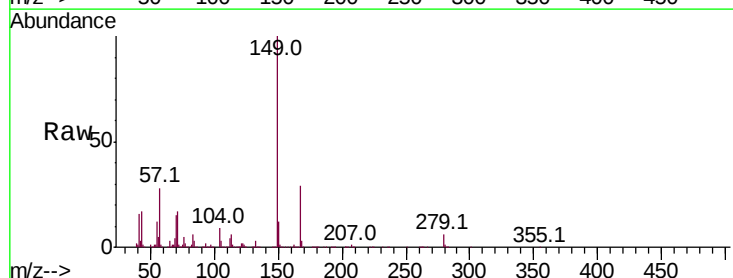
Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Tgt Ion:149 Resp: 485310

Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.6	37.0
279	5.6	5.0	7.6

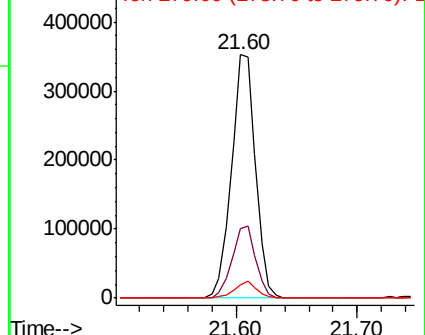
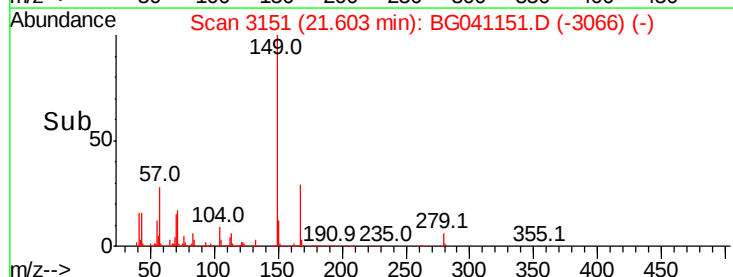


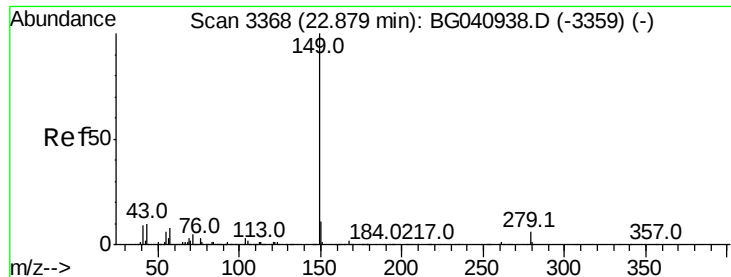
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.745 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

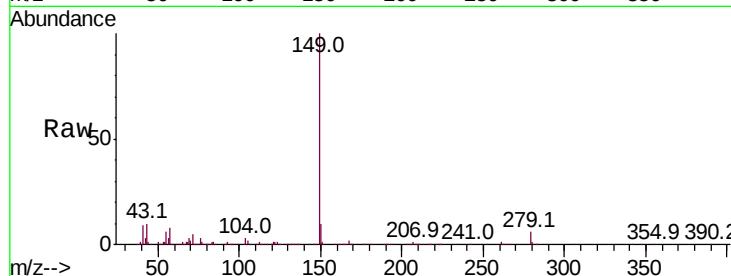
Tot Ion:149 Resp: 842464

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.4 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

600000

500000

400000

300000

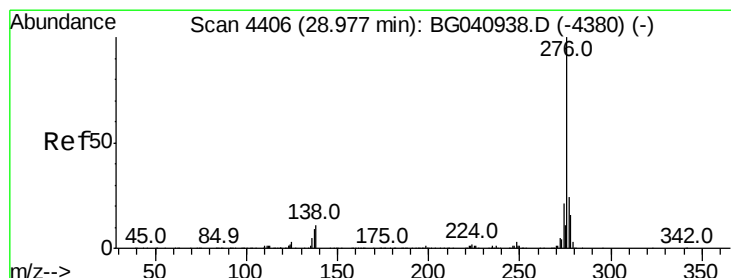
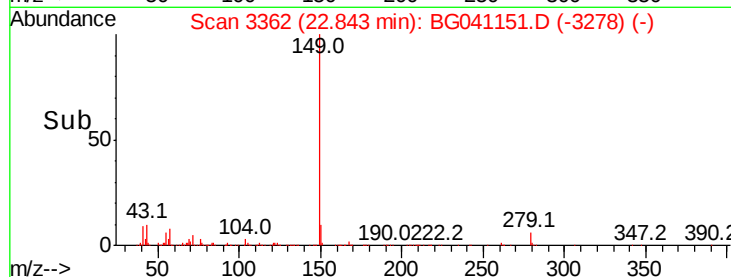
200000

100000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.171 ng

RT: 28.91 min Scan# 4394

Delta R.T. -0.07 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

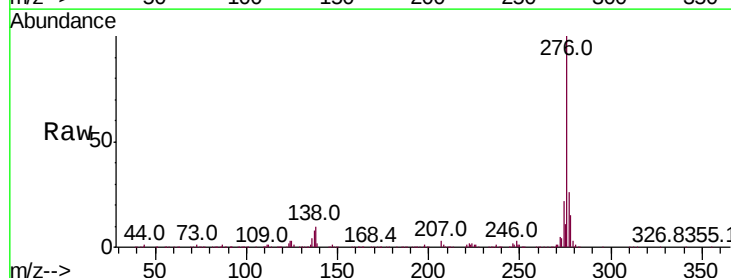
Tgt Ion:276 Resp: 1071072

Ion Ratio Lower Upper

276 100

138 4.9 5.7 8.5#

277 25.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

200000

150000

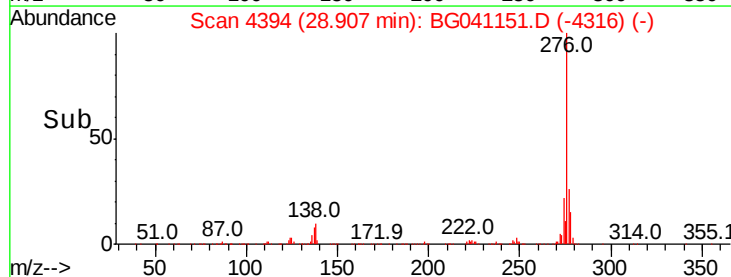
100000

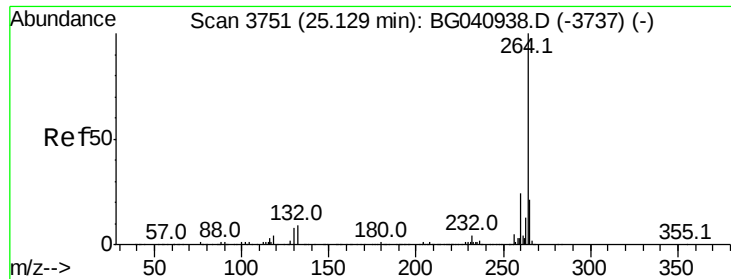
50000

0

28.60 28.80 29.00 29.20

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Instrument :

BNA_G

ClientSampleId :

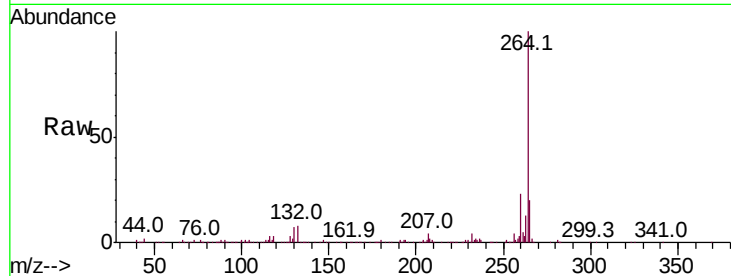
Tot Ion:264 Resp: 329191

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.3	17.0	25.4

264 100

260 23.5 19.0 28.4

265 20.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

100000

50000

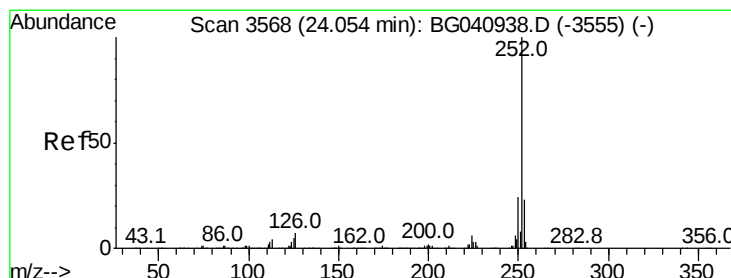
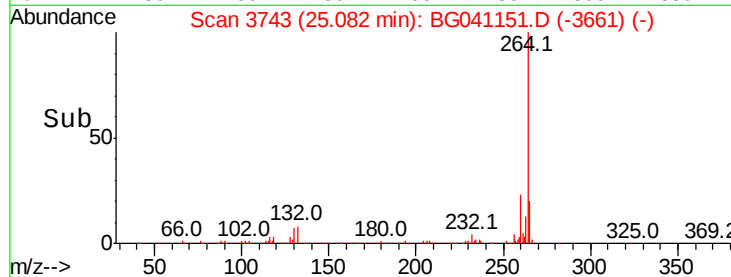
0

25.08

25.10

25.20

Time-->



#88

Benzo(b)fluoranthene

Concen: 46.573 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

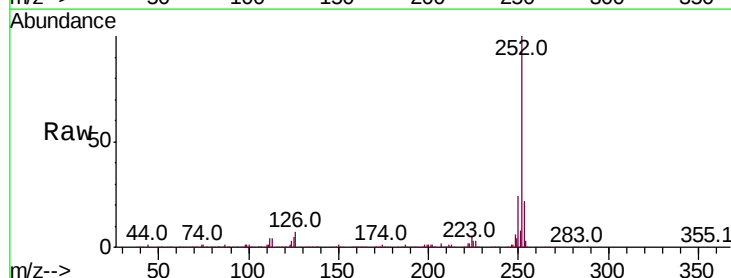
Tgt Ion:252 Resp: 929912

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	5.1	4.3	6.5

252 100

253 22.5 18.4 27.6

125 5.1 4.3 6.5



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

500000

400000

300000

200000

100000

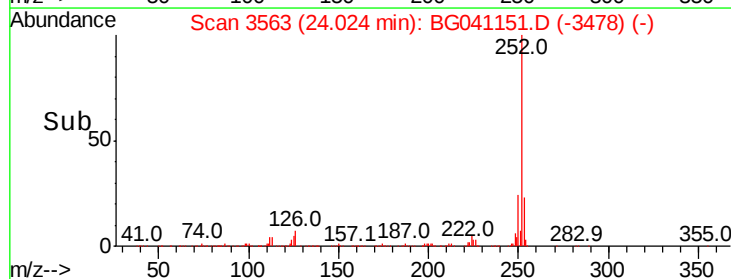
0

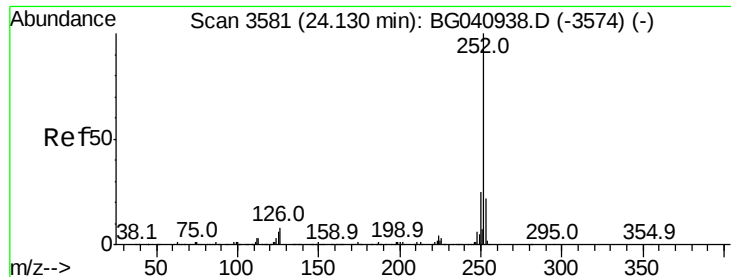
24.02

24.00

23.90

Time-->

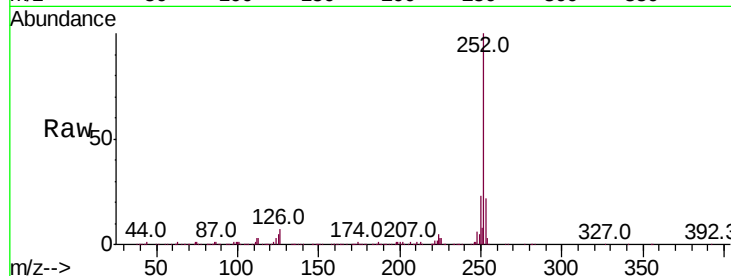




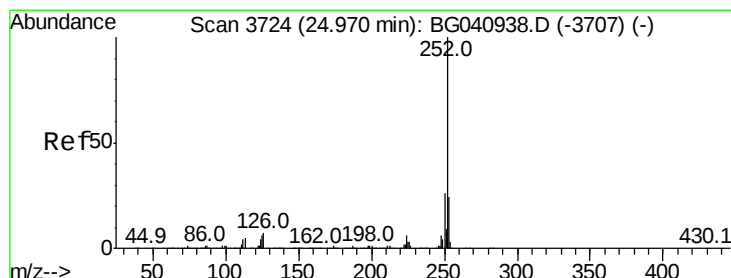
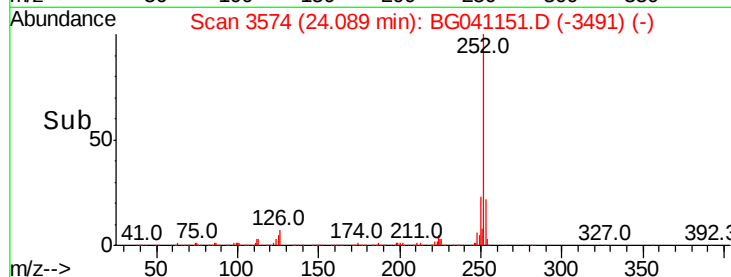
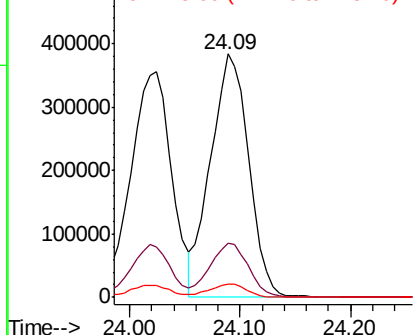
#89
Benzo(k)fluoranthene
Concen: 46.405 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 916882
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 5.2 4.7 7.1

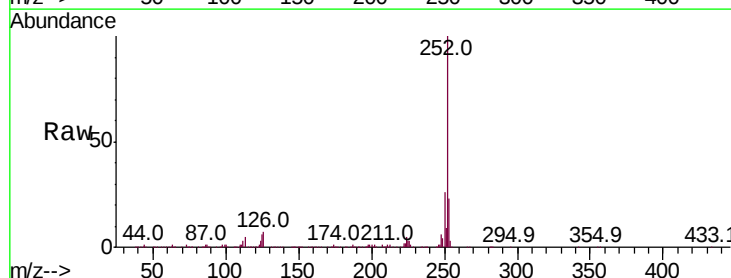


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

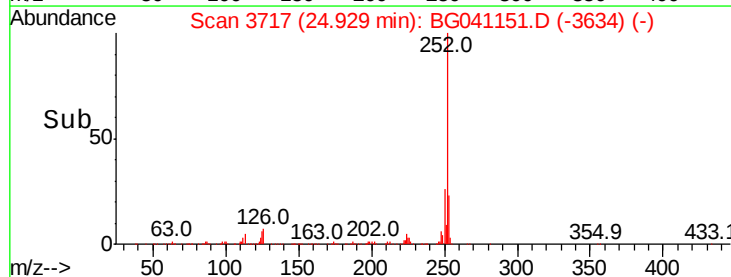
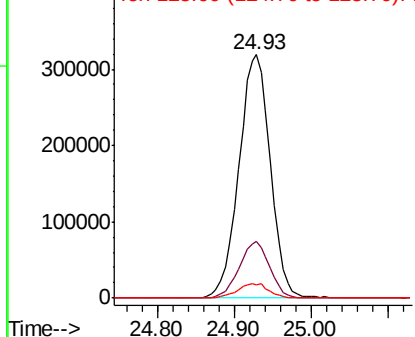


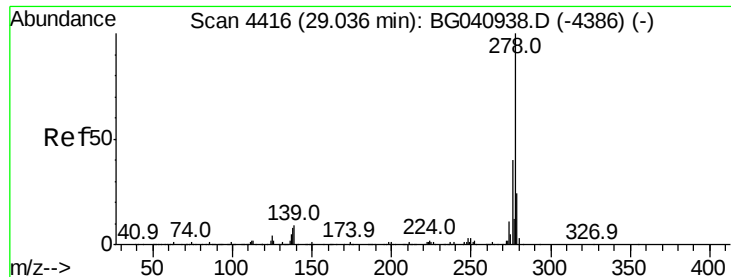
#90
Benzo(a)pyrene
Concen: 47.759 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041151.D
Acq: 9 Jun 2019 3:32

Tgt Ion:252 Resp: 909778
Ion Ratio Lower Upper
252 100
253 23.2 19.5 29.3
125 5.7 5.1 7.7



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: 46.227 ng

RT: 28.97 min Scan# 4404

Delta R.T. -0.07 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

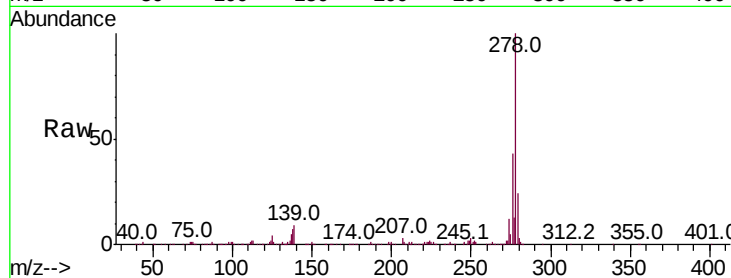
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 879913

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.1	10.7
279	23.7	19.4	29.2

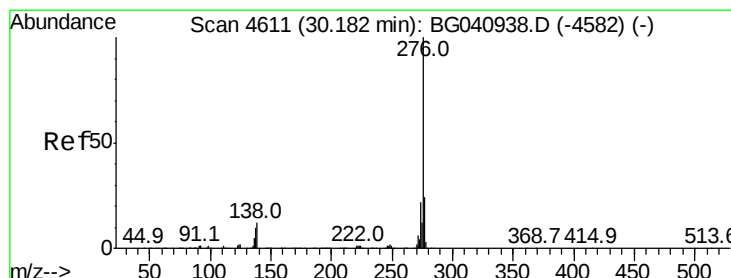
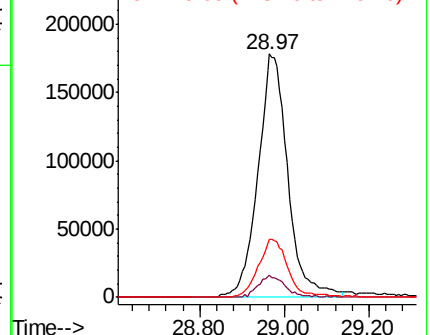
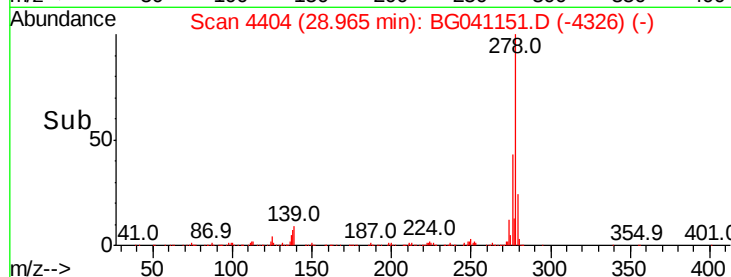


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.435 ng

RT: 30.11 min Scan# 4599

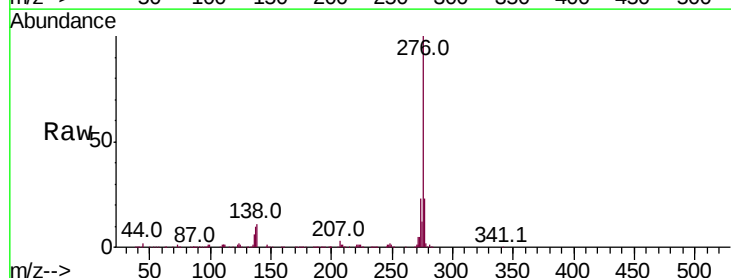
Delta R.T. -0.07 min

Lab File: BG041151.D

Acq: 9 Jun 2019 3:32

Tgt Ion:276 Resp: 840205

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	11.1	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

