

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041194.D
 Acq On : 11 Jun 2019 18:00
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:57:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29657	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	131328	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	100219	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	250581	20.00	ng	0.00
76) Chrysene-d12	21.76	240	256390	20.00	ng	0.00
87) Perylene-d12	25.08	264	259229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	135884	82.62	ng	0.00
7) Phenol-d6	7.25	99	206585	81.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	242466	81.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	122240	82.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	580943	83.48	ng	0.00
79) Terphenyl-d14	20.07	244	1080480	89.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	29786	39.911	ng	96
3) Pyridine	3.92	79	82680	37.440	ng	98
4) n-Nitrosodimethylamine	3.83	42	42634	41.598	ng	94
6) Aniline	7.43	93	134245	39.596	ng	95
8) 2-Chlorophenol	7.67	128	81579	41.606	ng	93
9) Benzaldehyde	7.24	77	59591	39.329	ng	89
10) Phenol	7.28	94	110365	40.524	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	77322	39.136	ng	97
12) 1,3-Dichlorobenzene	7.99	146	97727	41.730	ng	100
13) 1,4-Dichlorobenzene	8.14	146	96880	40.869	ng	97
14) 1,2-Dichlorobenzene	8.46	146	94241	40.946	ng	98
15) Benzyl Alcohol	8.35	79	90698	38.601	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	117293	36.331	ng	97
17) 2-Methylphenol	8.54	107	80653	40.902	ng	97
18) Hexachloroethane	9.19	117	36700	40.170	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	73966	37.840	ng	98
20) 3+4-Methylphenols	8.87	107	107705	39.432	ng	98
22) Acetophenone	8.93	105	145538	39.506	ng	100
24) Nitrobenzene	9.33	77	121124	40.178	ng	98
25) Isophorone	9.84	82	211996	37.656	ng	98
26) 2-Nitrophenol	10.04	139	51004	41.039	ng	98
27) 2,4-Dimethylphenol	10.08	122	79225	38.597	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	112688	37.086	ng	97
29) 2,4-Dichlorophenol	10.57	162	102111	39.175	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	122147	41.194	ng	96
31) Naphthalene	10.98	128	290624	41.217	ng	99
32) Benzoic acid	10.20	122	47609	32.907	ng	98
33) 4-Chloroaniline	11.09	127	129721	39.650	ng	95
34) Hexachlorobutadiene	11.24	225	90056	39.693	ng	98
35) Caprolactam	11.88	113	32266	37.486	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	117927	39.615	ng	96
37) 2-Methylnaphthalene	12.57	142	219282	40.379	ng	96
38) 1-Methylnaphthalene	12.79	142	209412	40.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	169508	41.964	ng	100

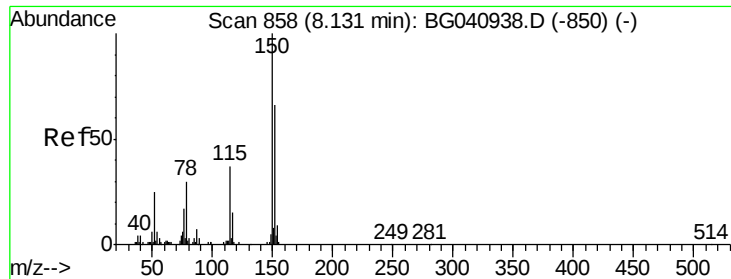
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041194.D
 Acq On : 11 Jun 2019 18:00
 Operator : HP/JU
 Sample : SSTDC0040
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 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	66666	35.777	nq	91
43) 2,4,6-Trichlorophenol	13.17	196	105653	40.432	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	107584	39.038	nq	97
46) 1,1'-Biphenyl	13.57	154	300737	40.539	nq	99
47) 2-Chloronaphthalene	13.62	162	264439	41.522	nq	99
48) 2-Nitroaniline	13.83	65	94176	41.220	nq	95
49) Acenaphthylene	14.46	152	395791	41.292	nq	98
50) Dimethylphthalate	14.18	163	339291	39.994	nq	99
51) 2,6-Dinitrotoluene	14.32	165	73527	40.198	nq	97
52) Acenaphthene	14.80	154	231827	39.925	nq	97
53) 3-Nitroaniline	14.65	138	71794	39.252	nq	# 92
54) 2,4-Dinitrophenol	14.86	184	25986	37.814	nq	92
55) Dibenzofuran	15.13	168	406737	41.629	nq	100
56) 4-Nitrophenol	14.95	139	47524	37.881	nq	86
57) 2,4-Dinitrotoluene	15.10	165	105052	40.658	nq	96
58) Fluorene	15.78	166	316529	40.679	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	107796	39.801	nq	99
60) Diethylphthalate	15.53	149	344493	39.790	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	205536	40.639	nq	93
62) 4-Nitroaniline	15.81	138	81803	42.245	nq	98
63) Azobenzene	16.06	77	315138	40.048	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	53504	41.305	nq	98
66) n-Nitrosodiphenylamine	15.99	169	285934	40.592	nq	97
67) 4-Bromophenyl-phenylether	16.66	248	136202	40.276	nq	99
68) Hexachlorobenzene	16.78	284	143659	39.895	nq	98
69) Atrazine	16.93	200	110609	40.695	nq	97
70) Pentachlorophenol	17.12	266	68635	37.943	nq	96
71) Phenanthrene	17.52	178	546086	41.838	nq	99
72) Anthracene	17.61	178	543481	42.218	nq	99
73) Carbazole	17.89	167	477102	43.193	nq	98
74) Di-n-butylphthalate	18.42	149	572813	41.724	nq	99
75) Fluoranthene	19.53	202	714941	44.346	nq	99
77) Benzidine	19.71	184	204000	33.354	nq	96
78) Pyrene	19.89	202	717999	43.079	nq	97
80) Butylbenzylphthalate	20.76	149	270153	41.651	nq	96
81) Benzo(a)anthracene	21.74	228	709010	41.543	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	231091	38.497	nq	99
83) Chrysene	21.81	228	681654	41.736	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	375769	41.155	nq	98
85) Di-n-octyl phthalate	22.84	149	625848	41.157	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	572633	28.622	nq	99
88) Benzo(b)fluoranthene	24.02	252	664702	42.275	nq	98
89) Benzo(k)fluoranthene	24.09	252	693636	44.581	nq	99
90) Benzo(a)pyrene	24.93	252	618045	41.200	nq	96
91) Dibenzo(a,h)anthracene	28.96	278	438558	29.258	nq	98
92) Benzo(g,h,i)perylene	30.11	276	439633	30.190	nq	98

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

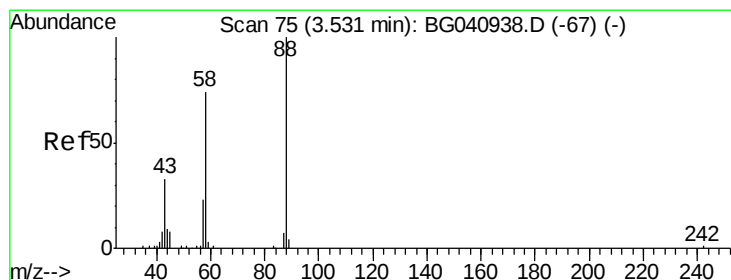
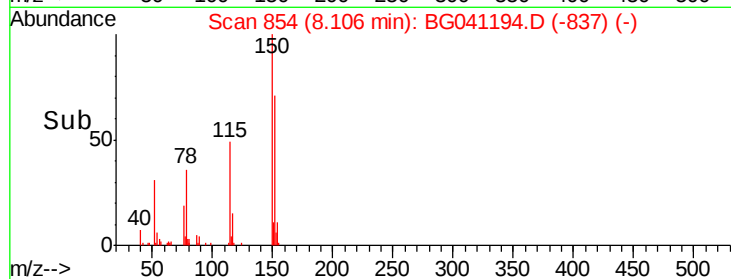
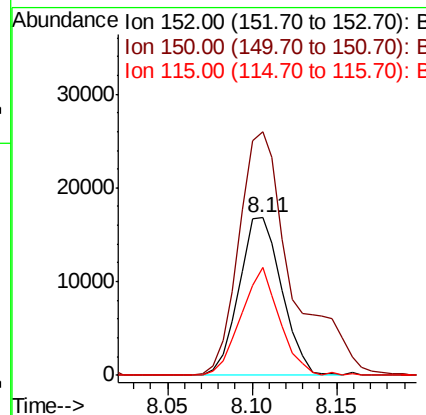
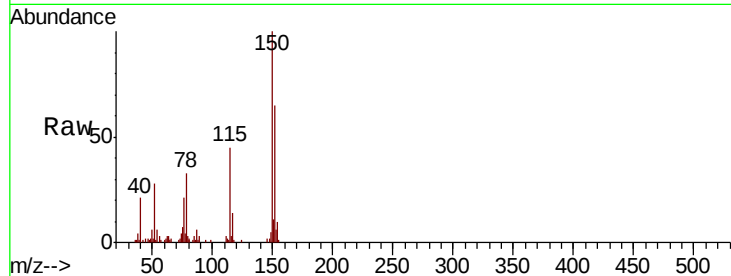


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

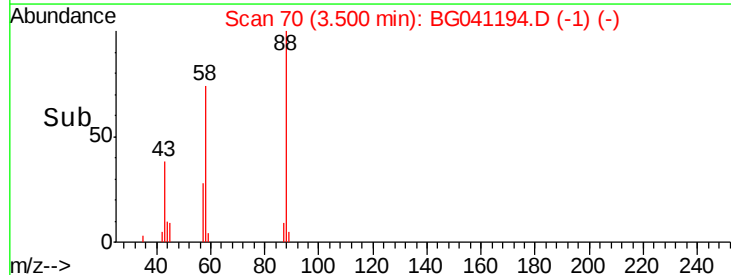
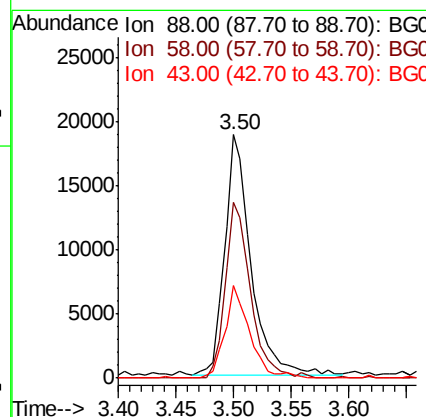
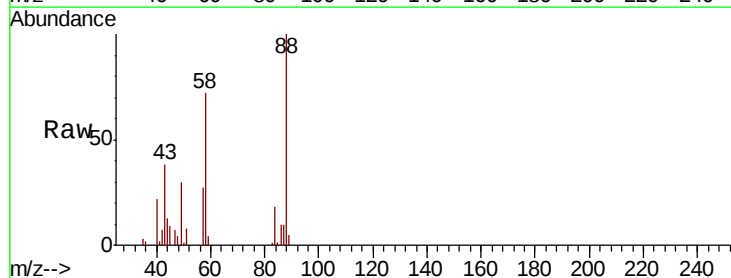
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	120.6	180.8
115	69.0	45.1	67.7#



#2

1,4-Dioxane
Concen: 39.911 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	59.0	88.6
43	35.9	27.2	40.8





#3

Pvridine

Concen: 37.440 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

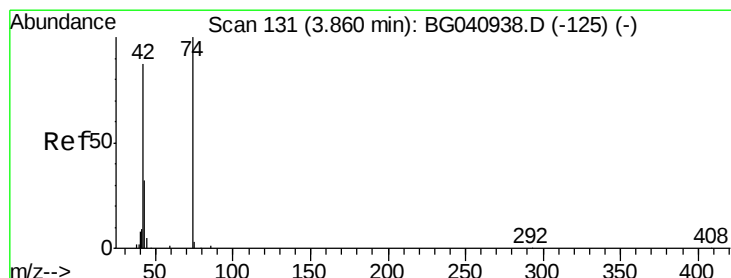
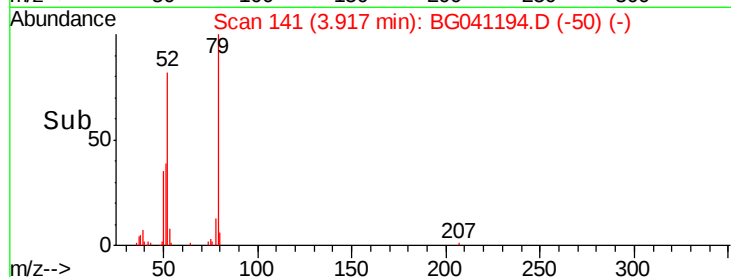
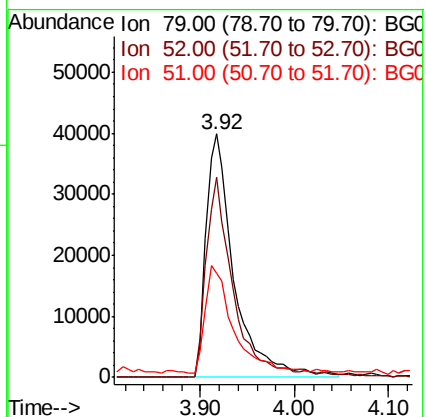
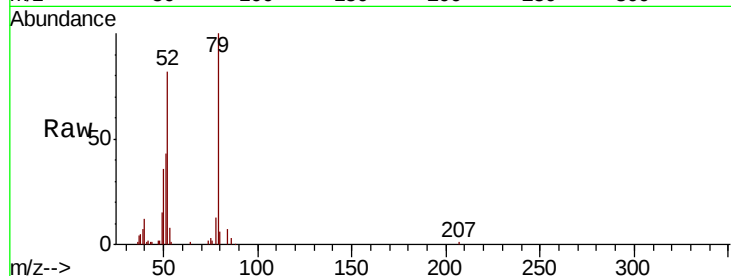
Tot Ion: 79 Resp: 82680

Ion Ratio Lower Upper

79 100

52 82.4 64.8 97.2

51 42.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 41.598 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

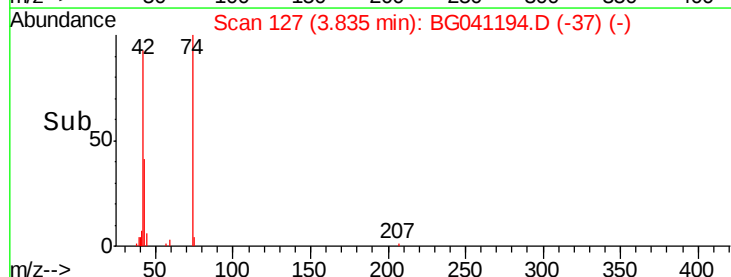
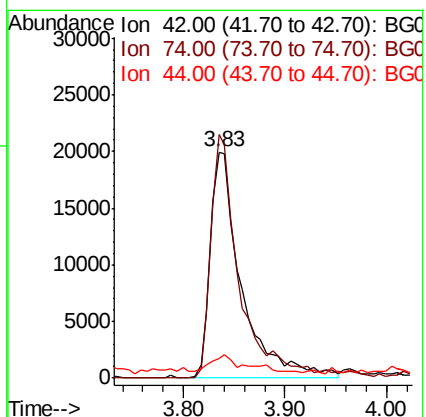
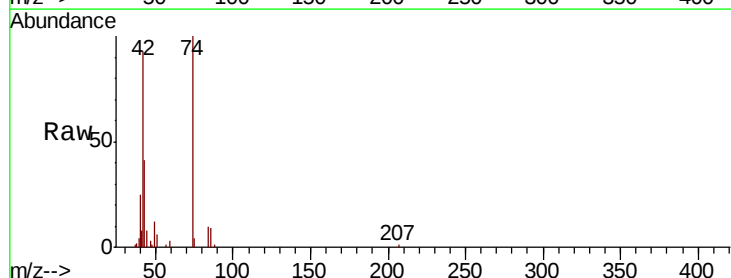
Tgt Ion: 42 Resp: 42634

Ion Ratio Lower Upper

42 100

74 107.8 91.8 137.6

44 8.7 6.0 9.0





#5

2-Fluorophenol

Concen: 82.620 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

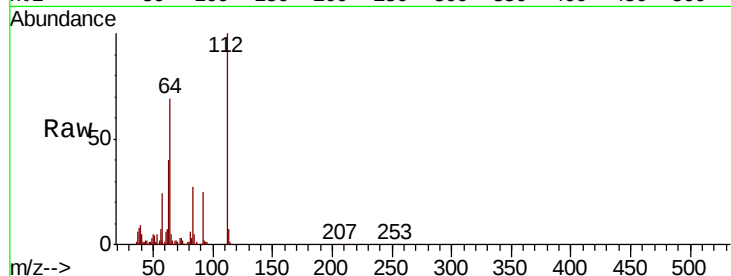
Tot Ion:112 Resp: 135884

Ion Ratio Lower Upper

112 100

64 69.3 56.2 84.2

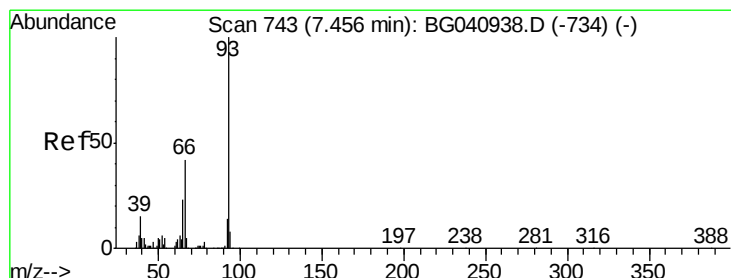
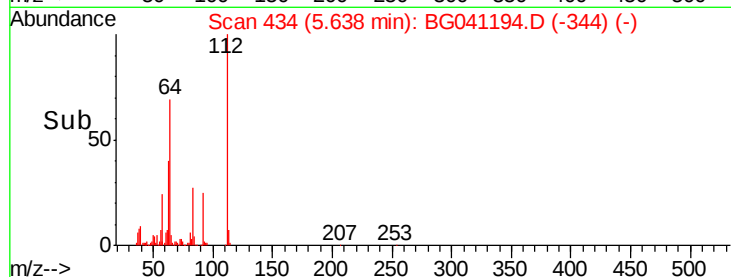
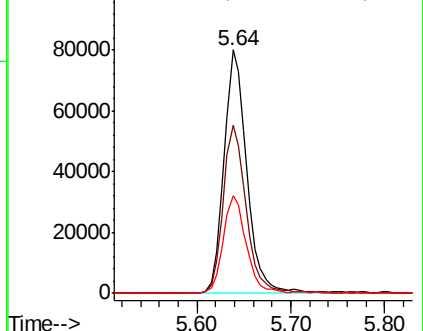
63 39.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.596 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

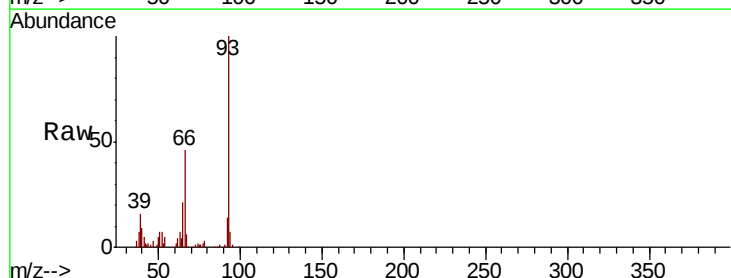
Tgt Ion: 93 Resp: 134245

Ion Ratio Lower Upper

93 100

66 46.1 33.8 50.8

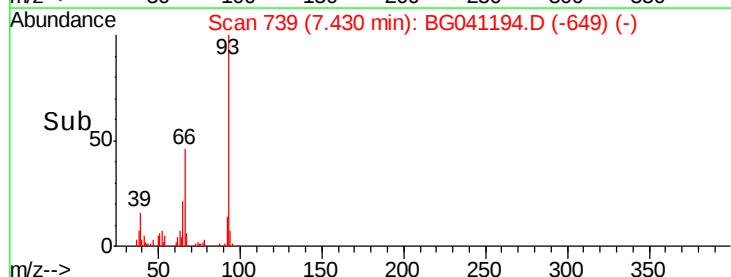
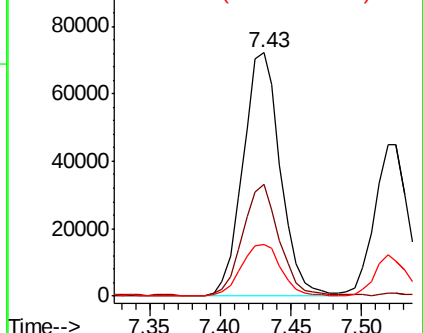
65 21.4 18.3 27.5

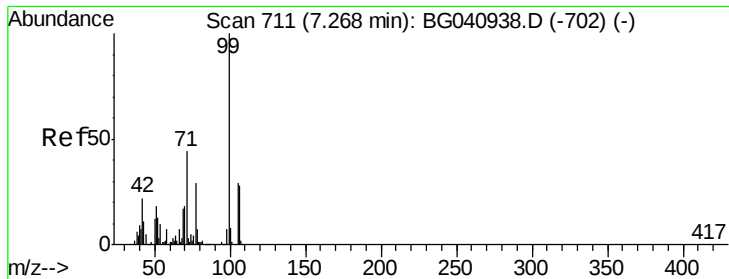


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.332 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampled :

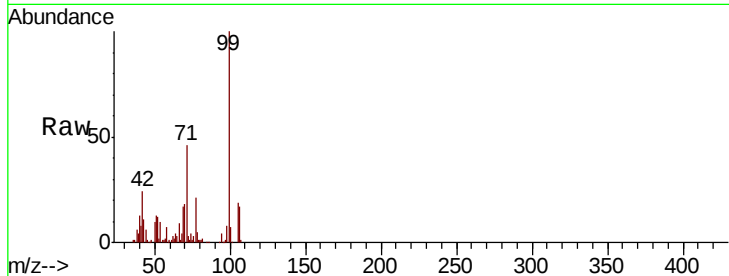
Tot Ion: 99 Resp: 206585

Ion Ratio Lower Upper

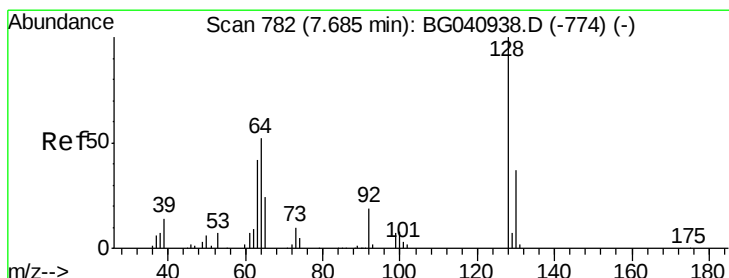
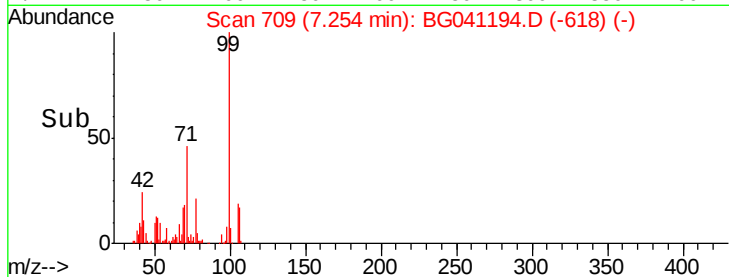
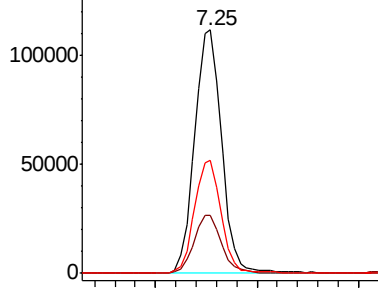
99 100

42 24.0 17.9 26.9

71 46.5 35.4 53.0



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



#8

2-Chlorophenol

Concen: 41.606 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

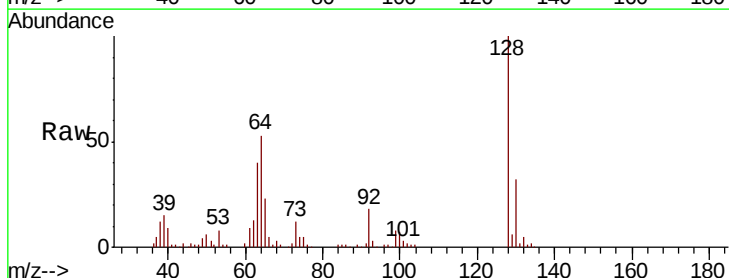
Tgt Ion: 128 Resp: 81579

Ion Ratio Lower Upper

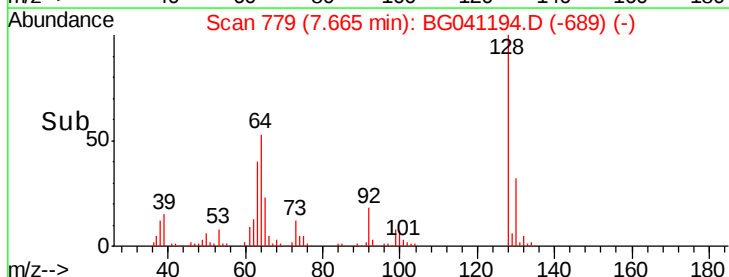
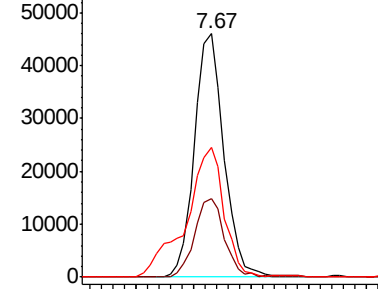
128 100

130 32.2 16.6 56.6

64 53.2 37.8 77.8



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





#9

Benzaldehyde

Concen: 39.329 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

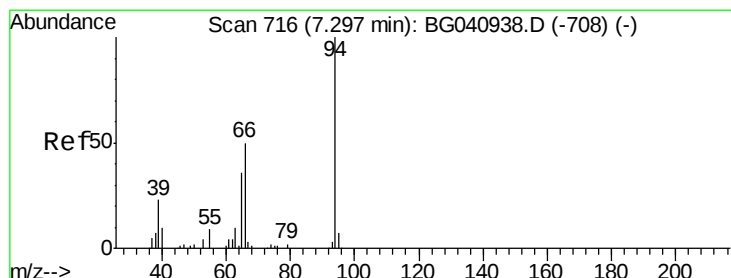
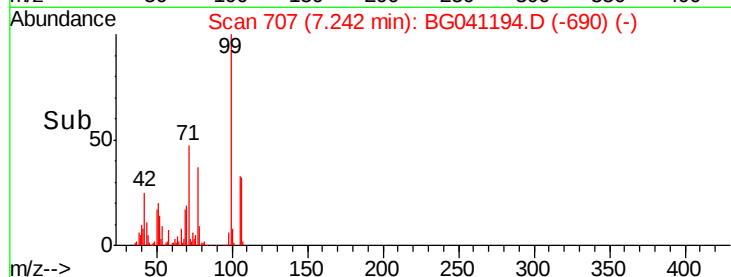
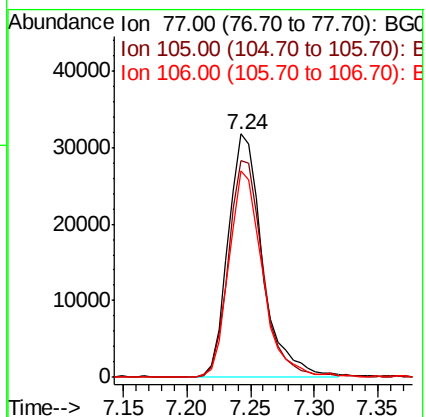
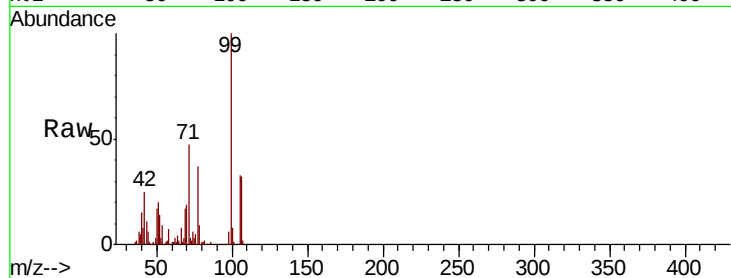
Tot Ion: 77 Resp: 59591

Ion Ratio Lower Upper

77 100

105 89.1 78.9 118.9

106 85.1 76.7 116.7



#10

Phenol

Concen: 40.524 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

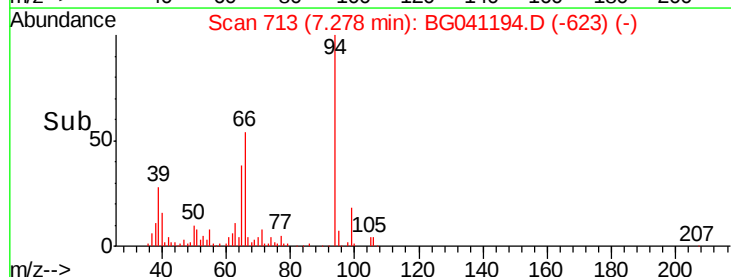
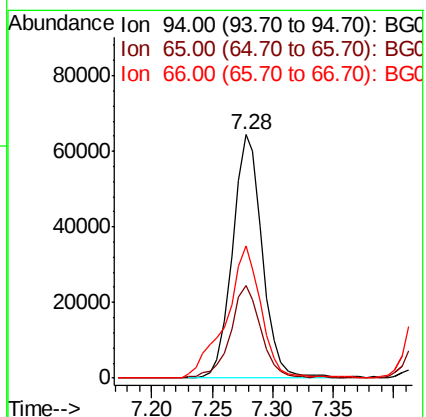
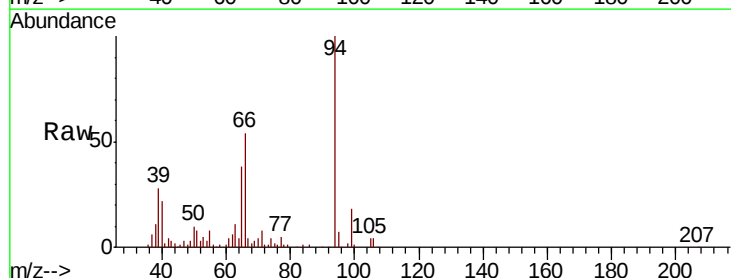
Tgt Ion: 94 Resp: 110365

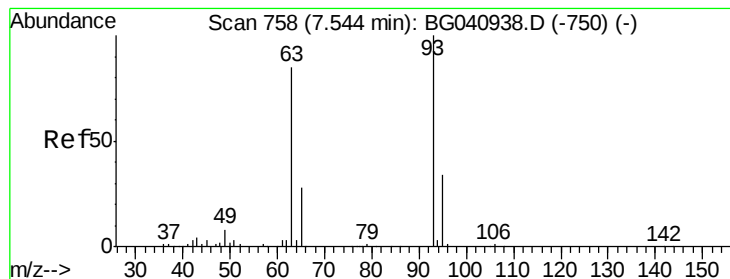
Ion Ratio Lower Upper

94 100

65 37.8 17.0 57.0

66 54.4 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 39.136 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampled :

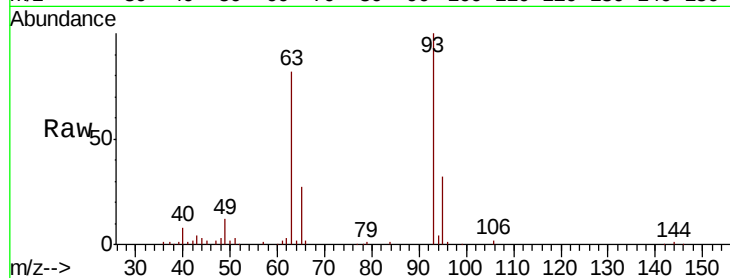
Tot Ion: 93 Resp: 77322

Ion Ratio Lower Upper

93 100

63 81.7 64.5 104.5

95 31.9 13.3 53.3

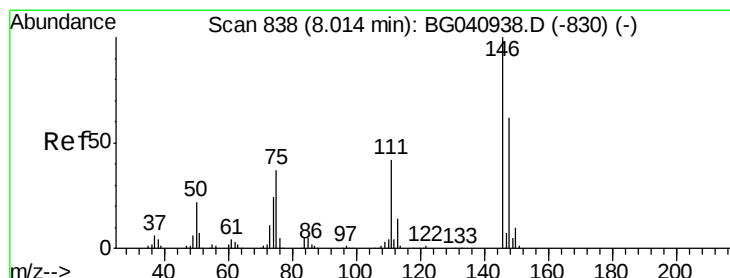
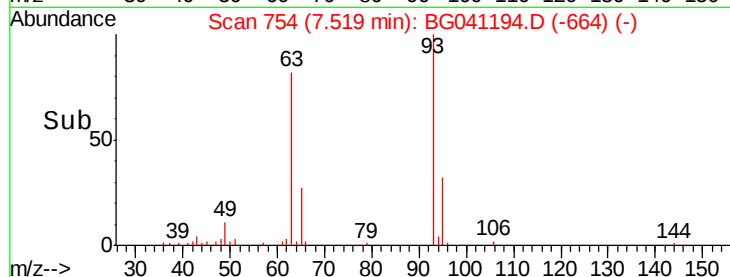
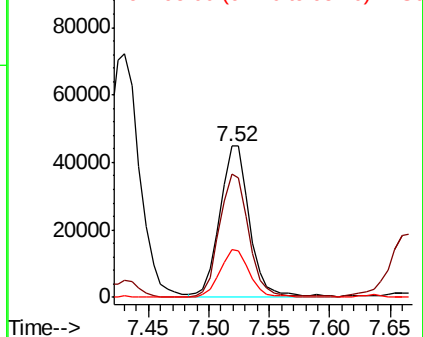


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.730 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.01 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

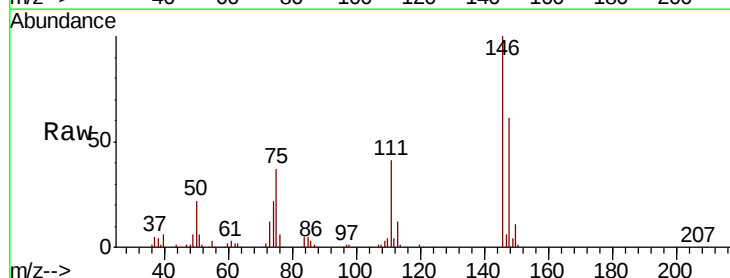
Tgt Ion: 146 Resp: 97727

Ion Ratio Lower Upper

146 100

148 61.4 49.2 73.8

75 37.1 29.4 44.0

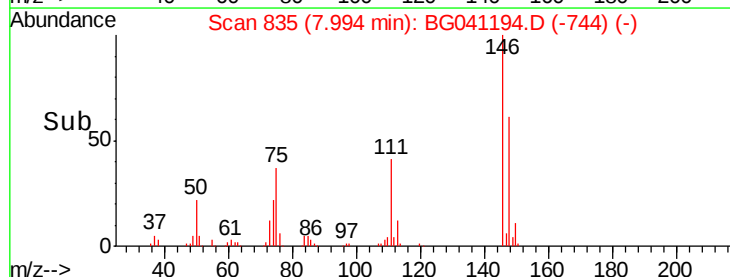
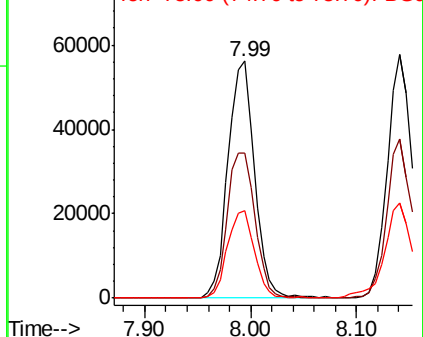


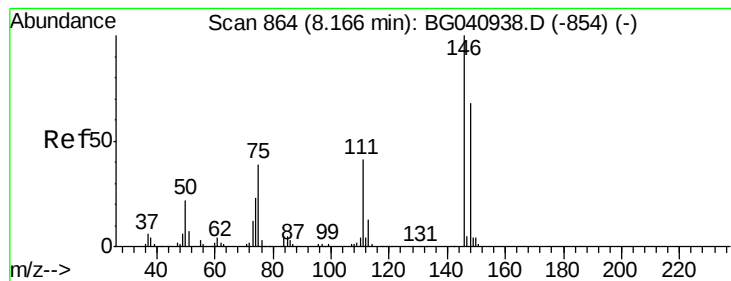
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.869 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

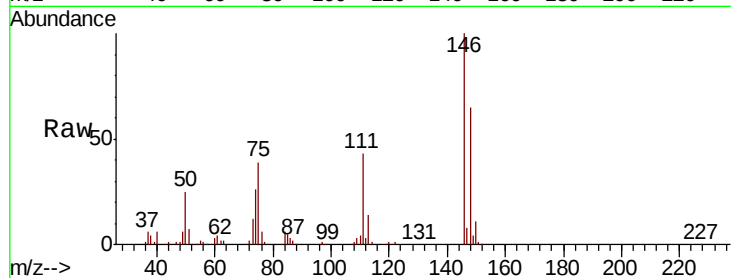
Tot Ion:146 Resp: 96880

Ion Ratio Lower Upper

146 100

148 65.1 54.2 81.4

111 42.6 32.9 49.3

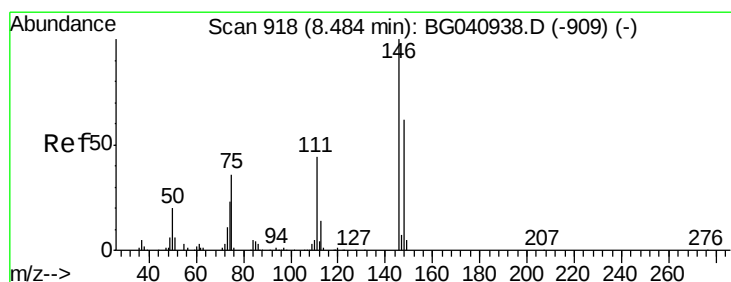
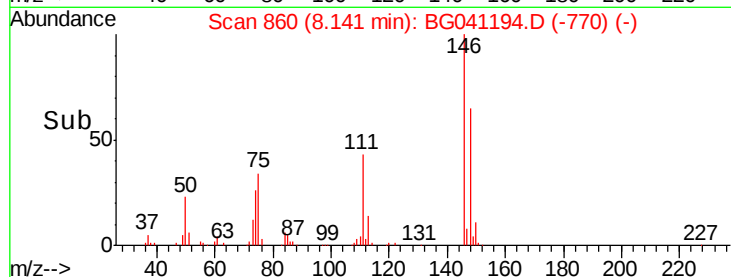
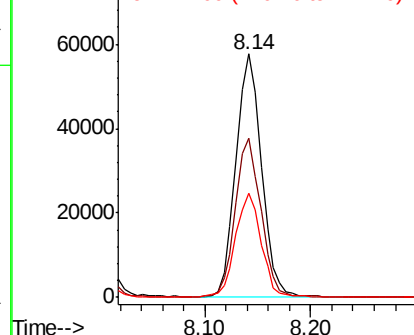


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.946 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

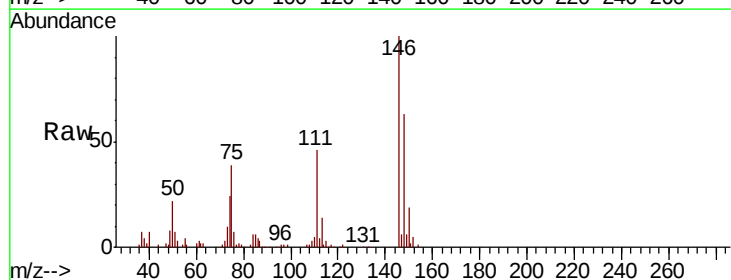
Tgt Ion:146 Resp: 94241

Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

111 46.3 35.0 52.4

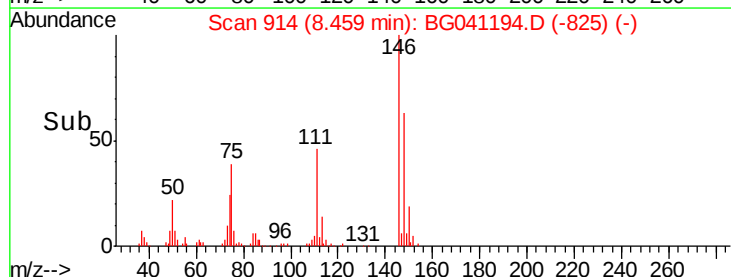
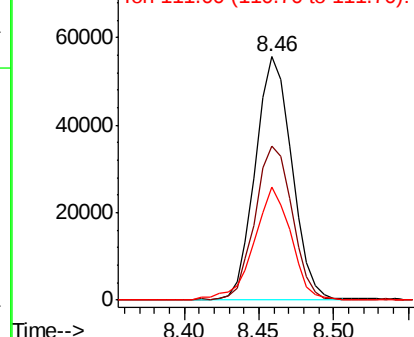


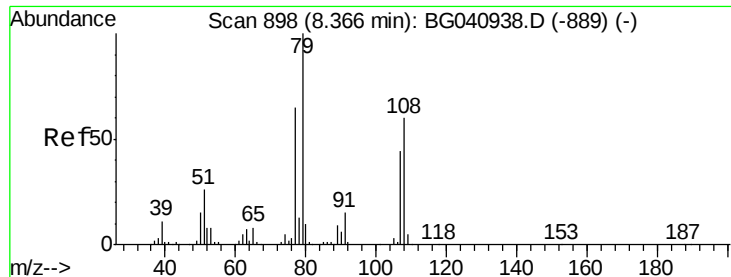
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

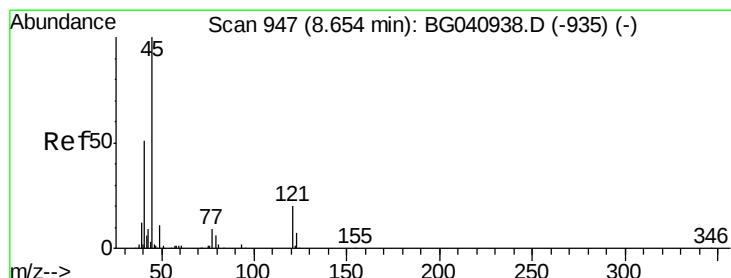
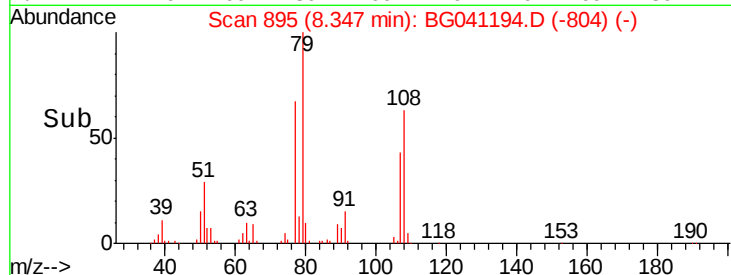
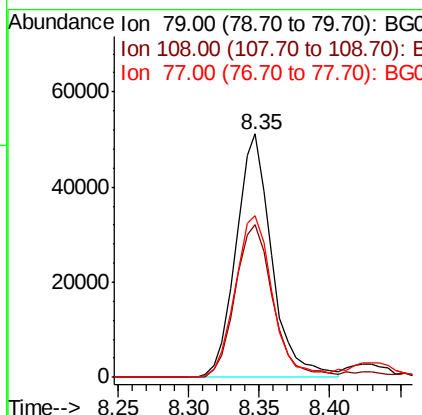
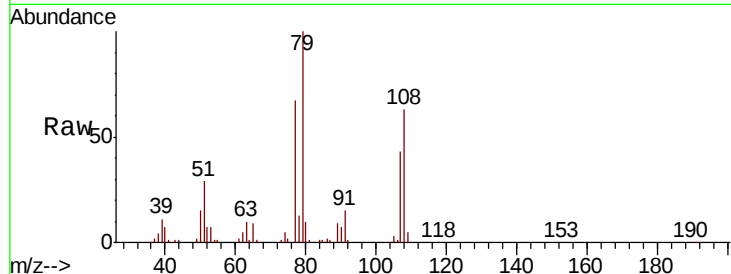




#15
Benzyl Alcohol
Concen: 38.601 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

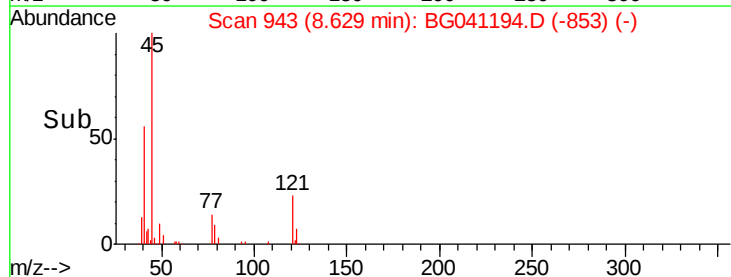
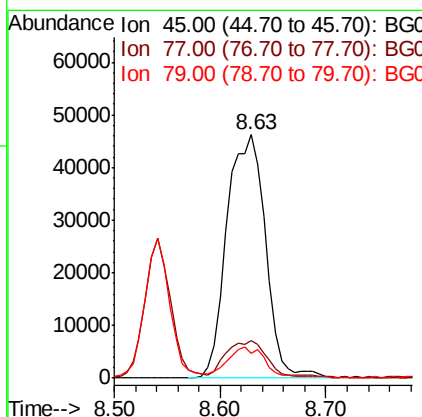
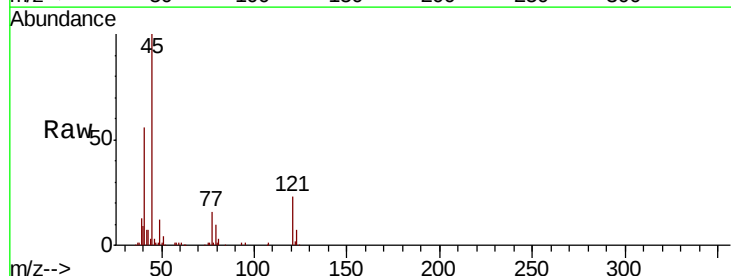
Instrument :
BNA_G
ClientSampleId :

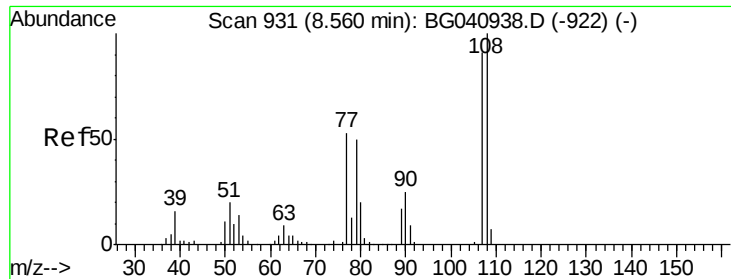
Tot Ion: 79 Resp: 90698
Ion Ratio Lower Upper
79 100
108 62.7 48.3 72.5
77 66.7 52.3 78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.331 ng
RT: 8.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion: 45 Resp: 117293
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.7
79 10.0 0.0 30.2

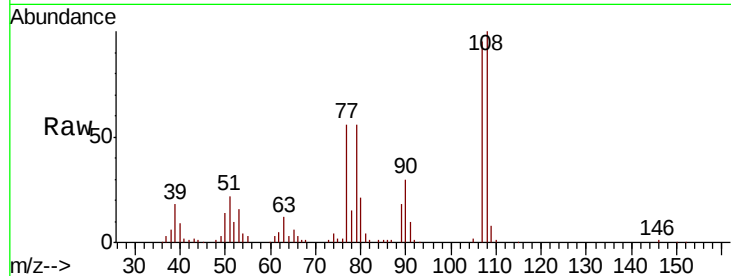




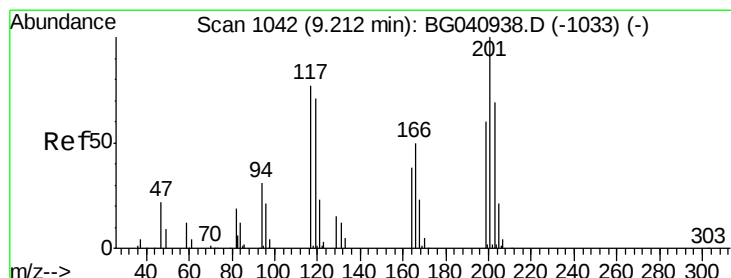
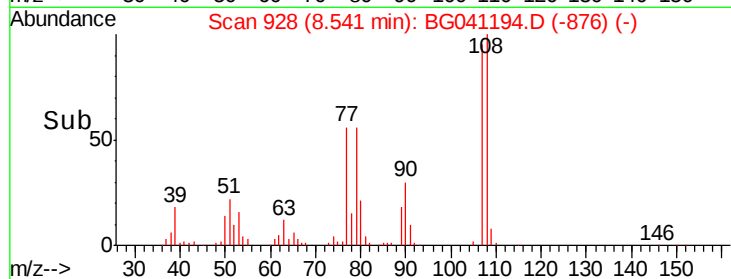
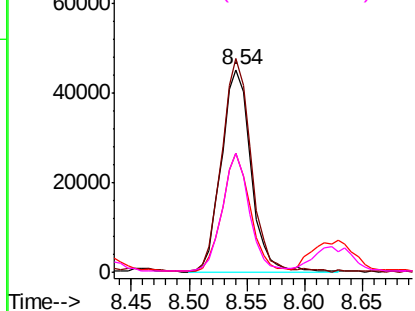
#17
2-Methylphenol
Concen: 40.902 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	80653
Ion	Ratio	Lower	Upper
107	100		
108	105.3	87.7	131.5
77	58.8	46.6	70.0
79	58.8	44.6	66.8

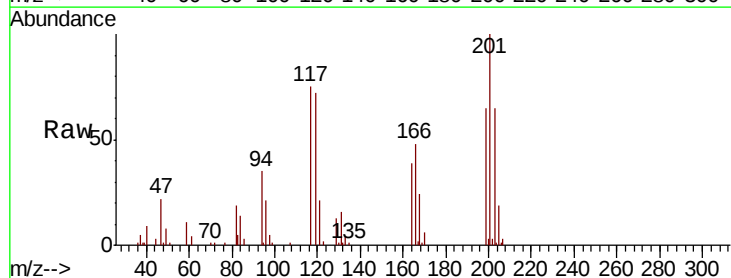


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

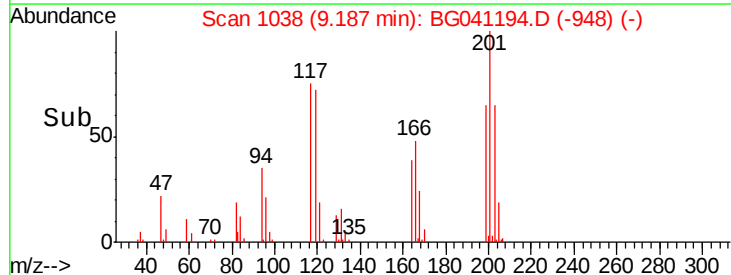
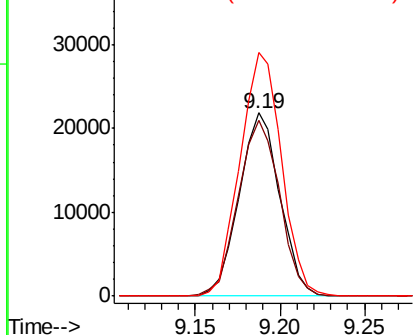


#18
Hexachloroethane
Concen: 40.170 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:	117	Resp:	36700
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.0	112.6
201	133.1	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

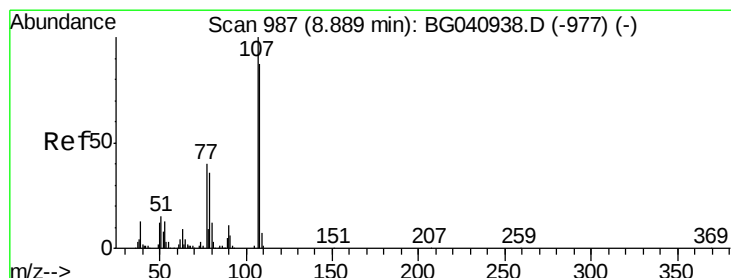
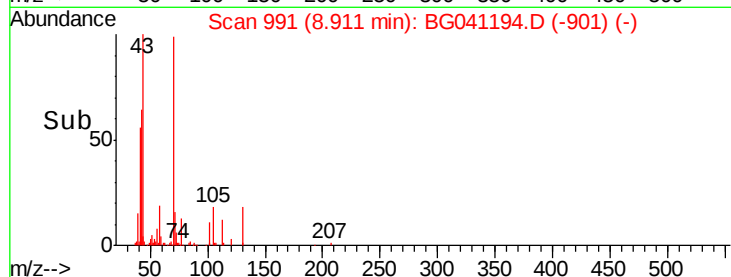
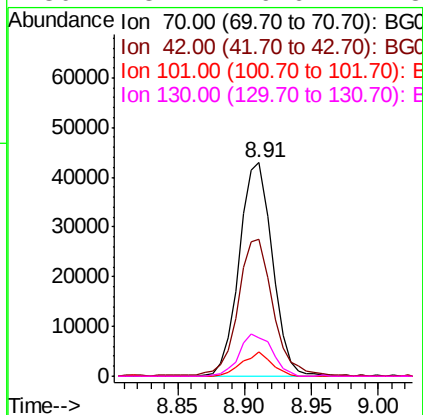
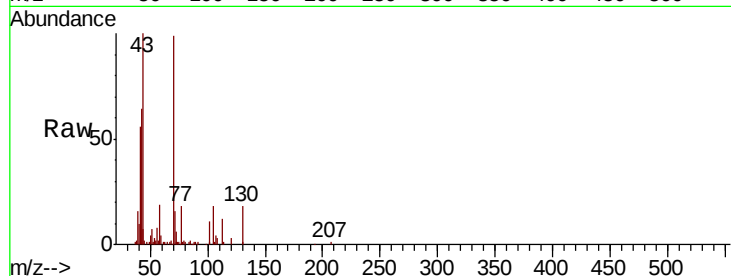




#19
n-Nitroso-di-n-propylamine
Concen: 37.840 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

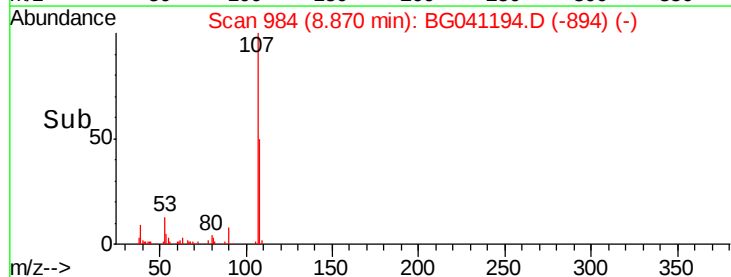
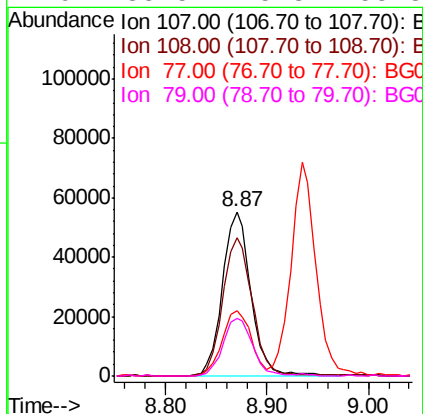
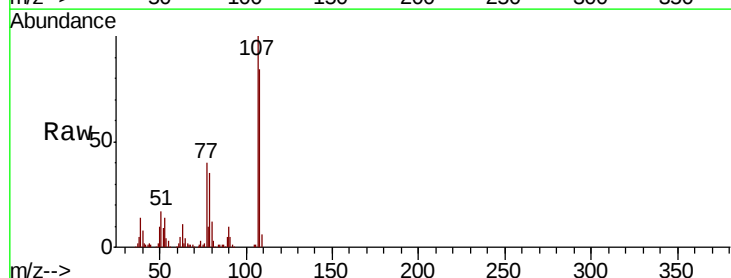
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	73966
Ion	Ratio	Lower	Upper
70	100		
42	64.4	51.5	77.3
101	11.4	8.1	12.1
130	18.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 39.432 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:	107	Resp:	107705
Ion	Ratio	Lower	Upper
107	100		
108	84.4	66.8	106.8
77	40.1	20.5	60.5
79	35.5	15.8	55.8

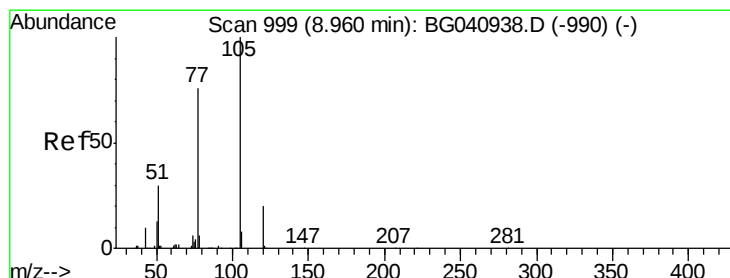
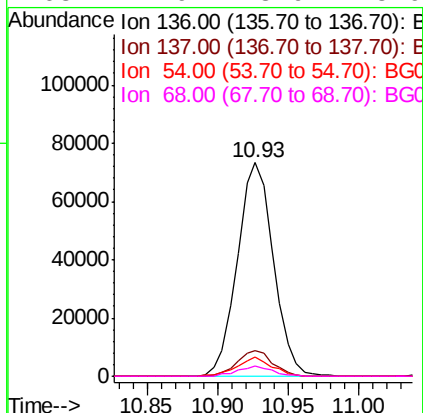
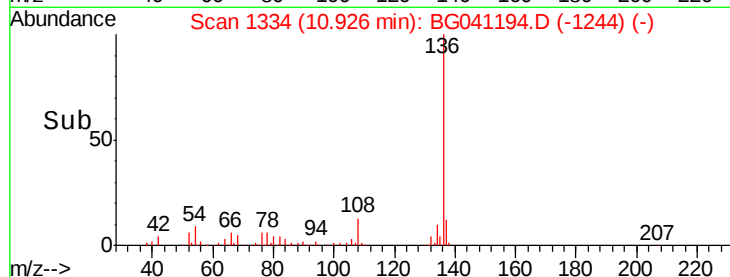
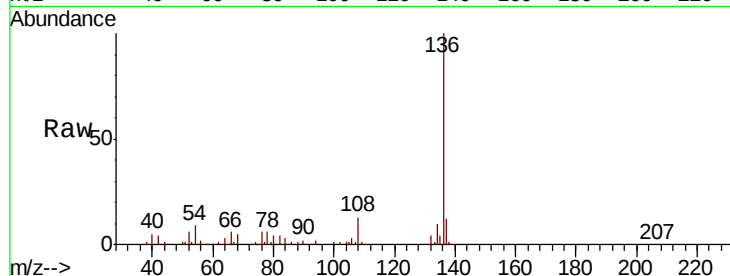




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

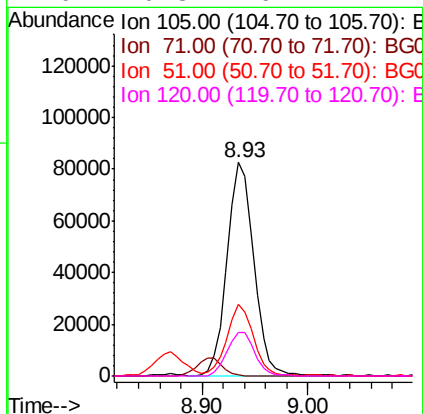
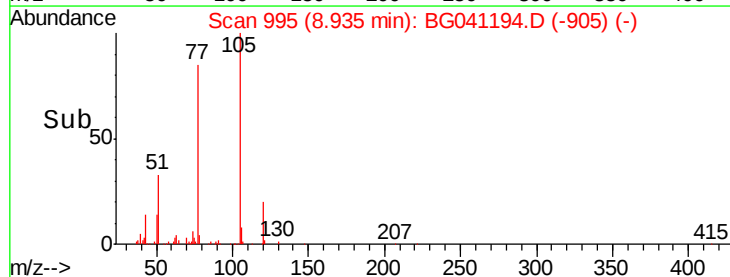
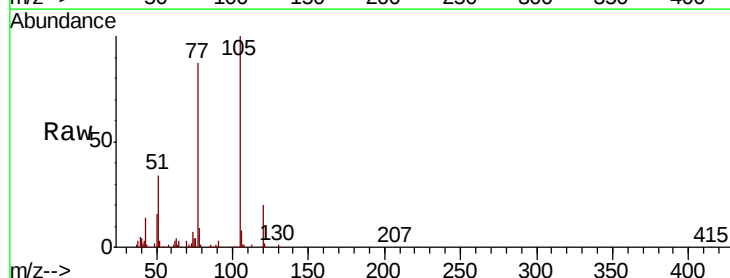
Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	131328
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.5 14.3
54	9.1	7.6 11.4
68	4.9	3.9 5.9



#22
Acetophenone
Concen: 39.506 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:105	Resp:	145538
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6
51	33.6	27.0 40.6
120	20.3	16.2 24.4

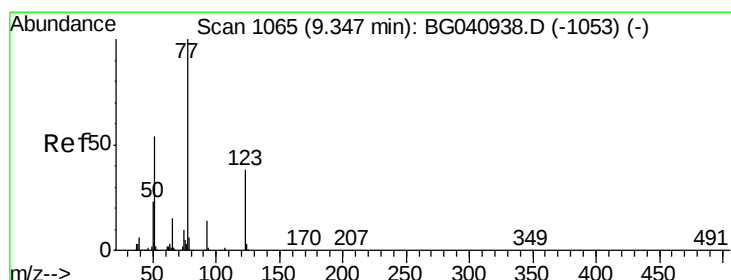
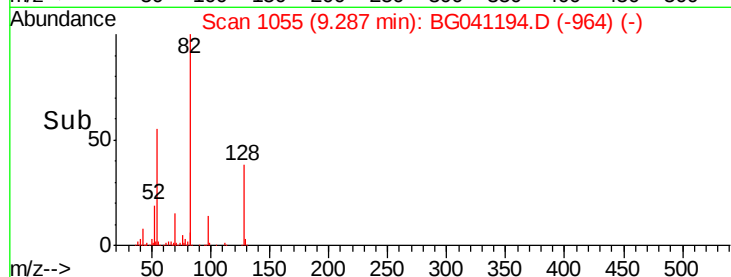
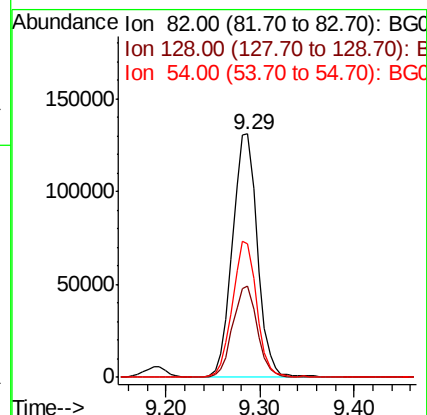
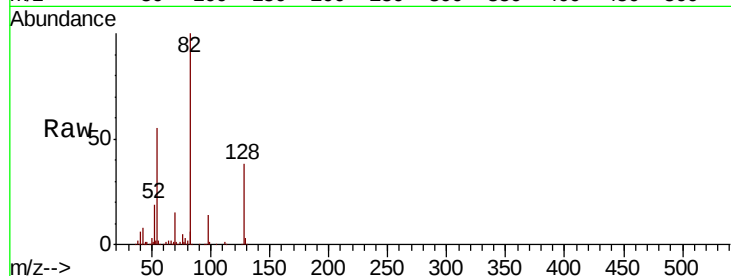




#23
 Nitrobenzene-d5
 Concen: 81.962 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

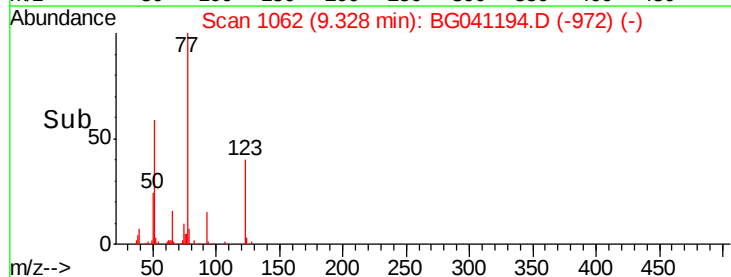
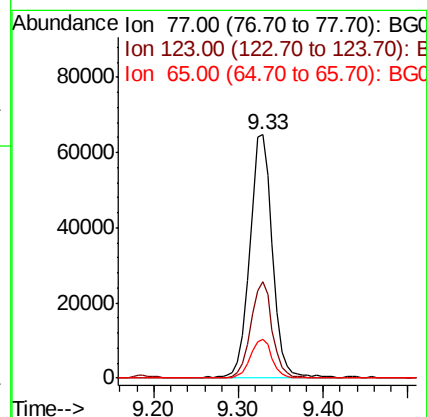
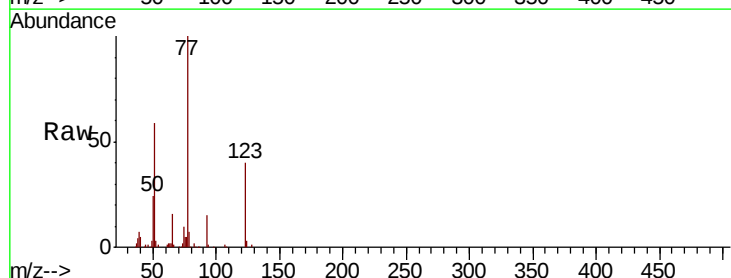
Instrument :
 BNA_G
 ClientSampleId :

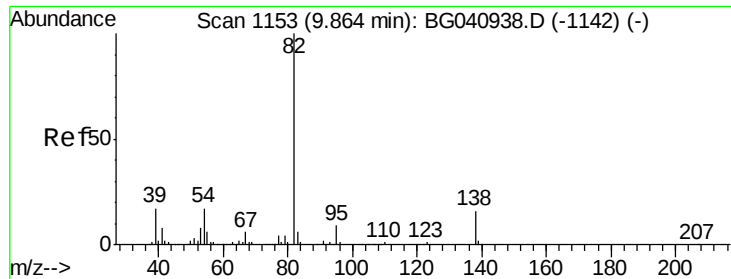
Tot Ion: 82 Resp: 242466
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.5 45.7
 54 55.0 44.6 66.8



#24
 Nitrobenzene
 Concen: 40.178 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Tgt Ion: 77 Resp: 121124
 Ion Ratio Lower Upper
 77 100
 123 39.7 30.6 46.0
 65 16.1 12.3 18.5





#25

Isophorone

Concen: 37.656 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

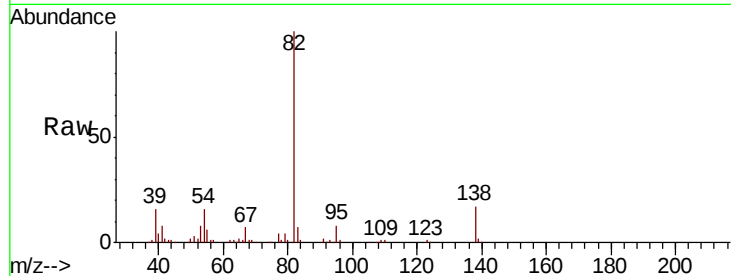
Tot Ion: 82 Resp: 211996

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

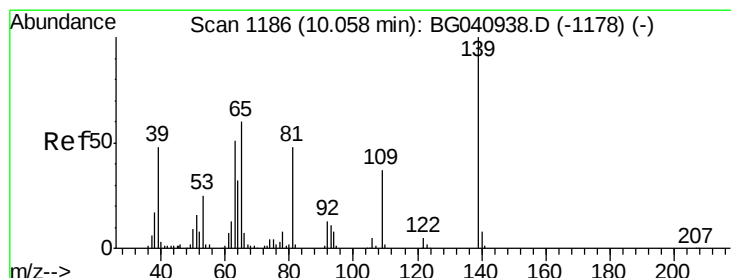
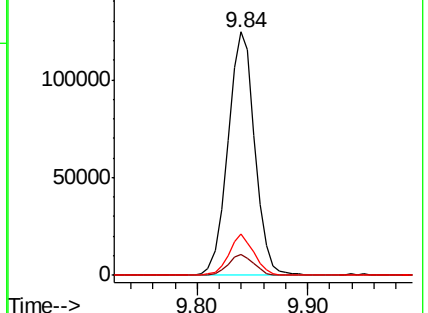
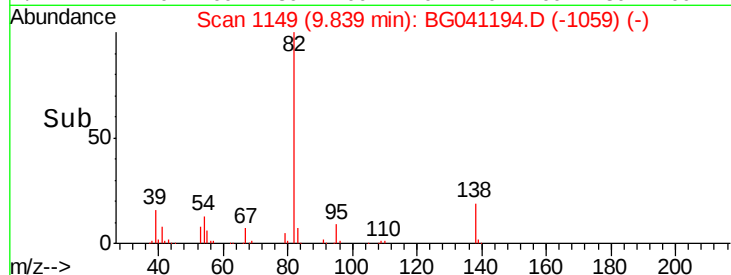
138 17.2 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 41.039 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

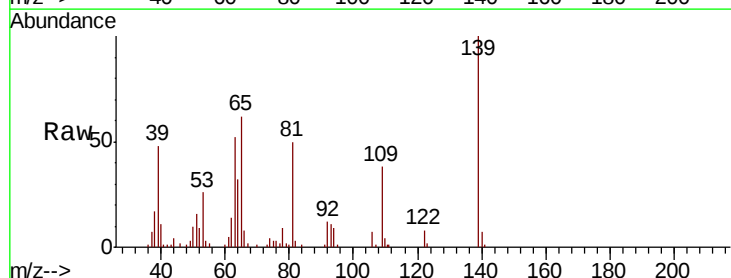
Tgt Ion: 139 Resp: 51004

Ion Ratio Lower Upper

139 100

109 37.7 29.8 44.6

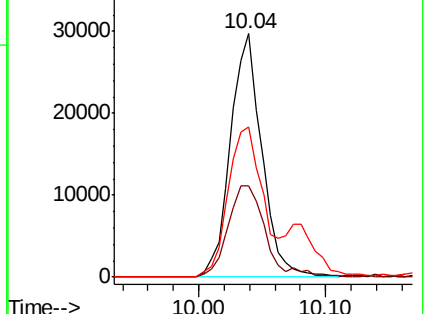
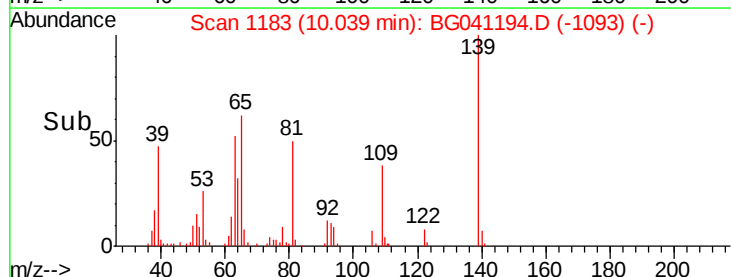
65 61.6 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

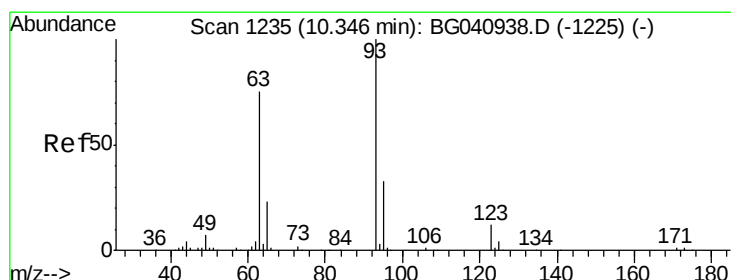
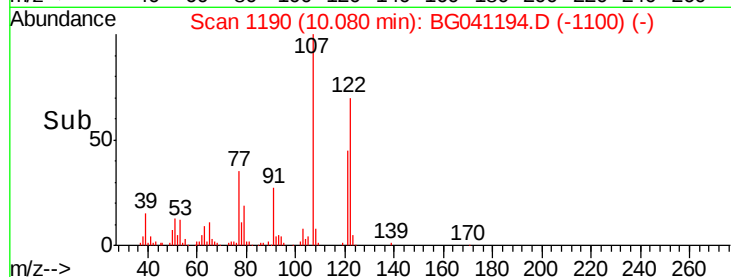
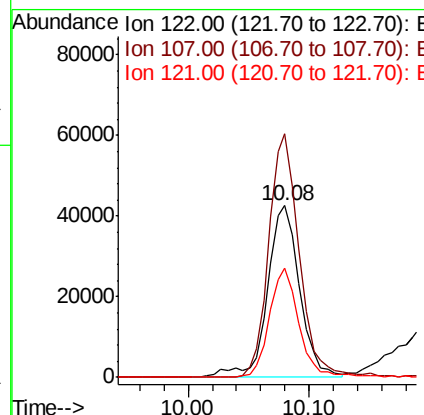
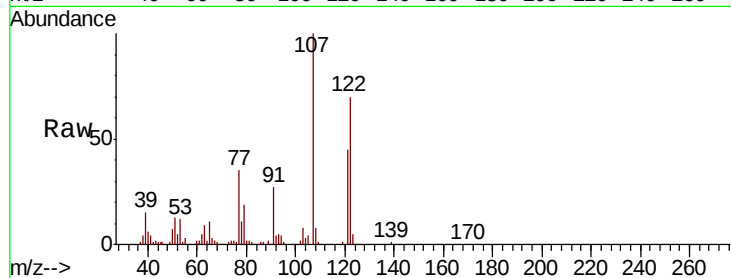




#27
 2,4-Dimethylphenol
 Concen: 38.597 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

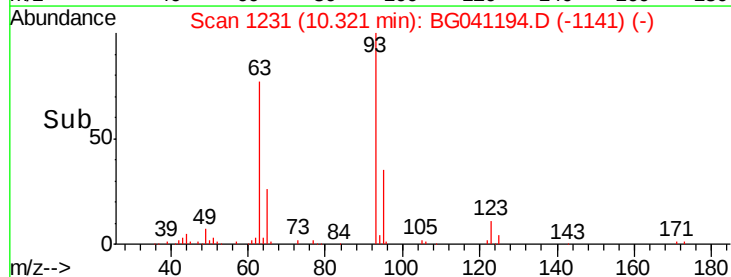
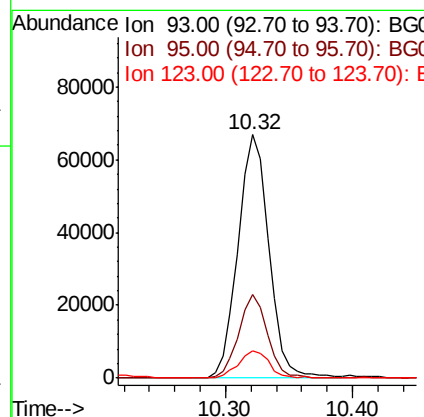
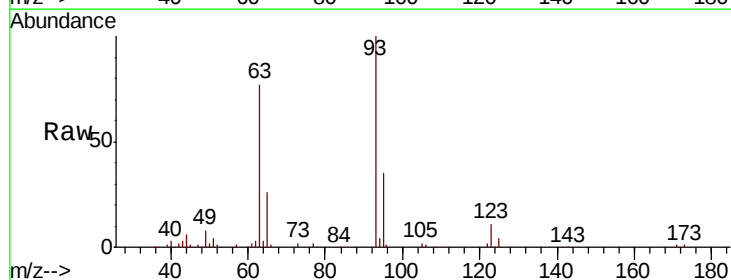
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 79225
 Ion Ratio Lower Upper
 122 100
 107 142.0 105.9 158.9
 121 63.3 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.086 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Tgt Ion: 93 Resp: 112688
 Ion Ratio Lower Upper
 93 100
 95 34.6 26.2 39.2
 123 11.2 9.5 14.3

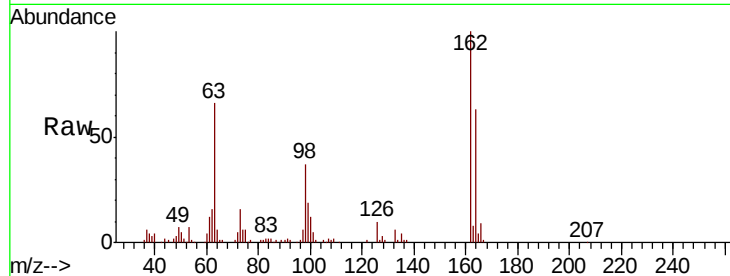




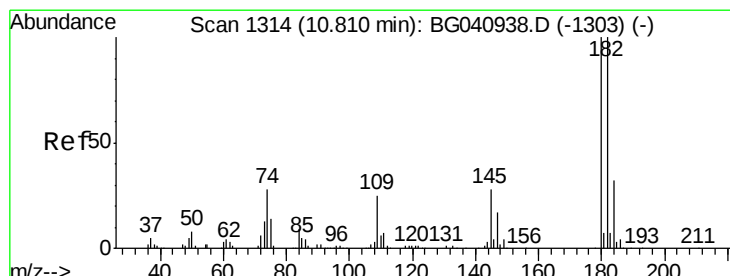
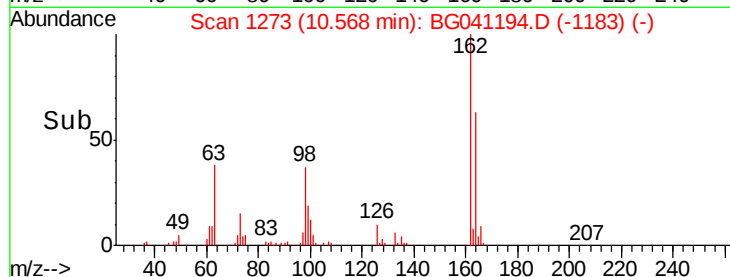
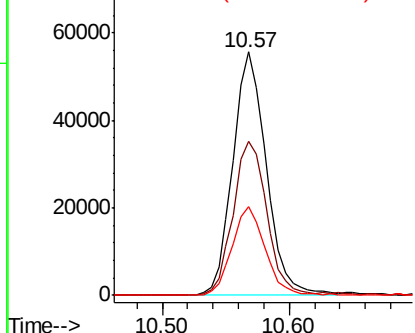
#29
2,4-Dichlorophenol
Concen: 39.175 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	39.4	79.4
98	36.7	15.3	55.3

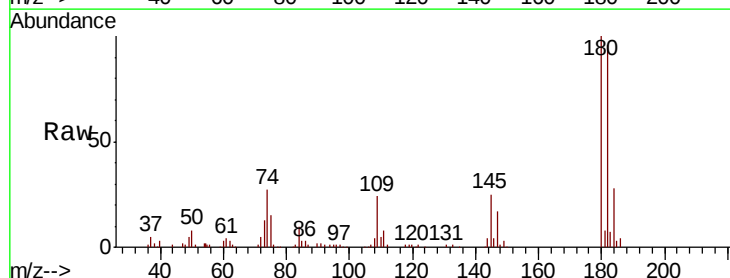


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

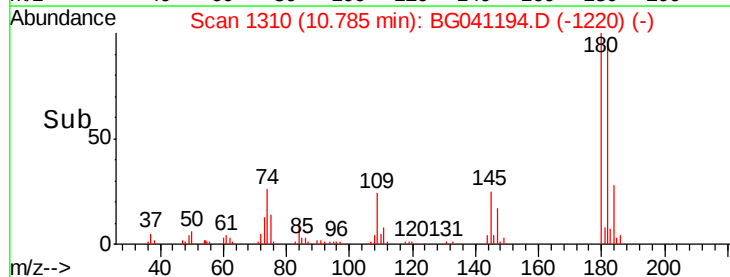
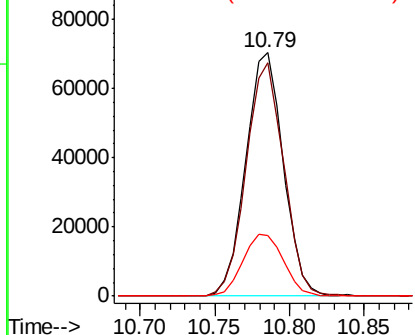


#30
1,2,4-Trichlorobenzene
Concen: 41.194 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	79.7	119.5
145	25.1	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

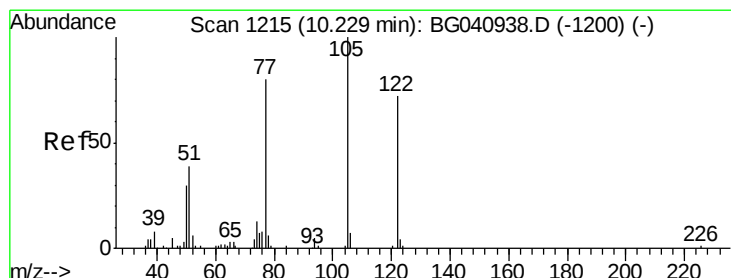
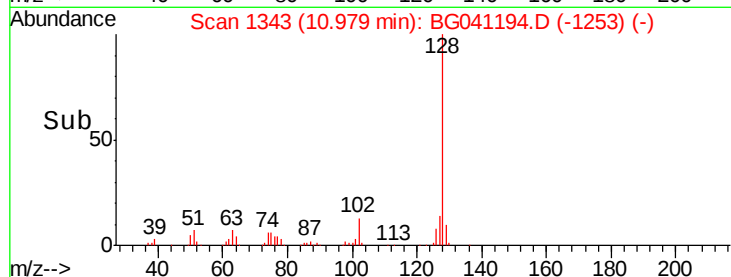
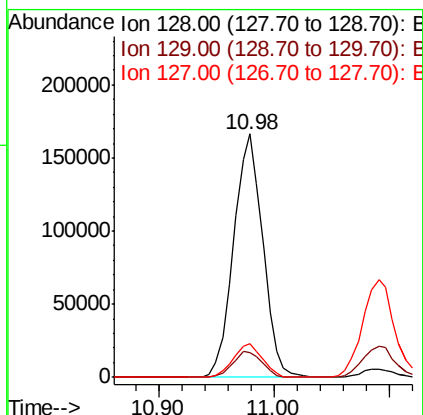
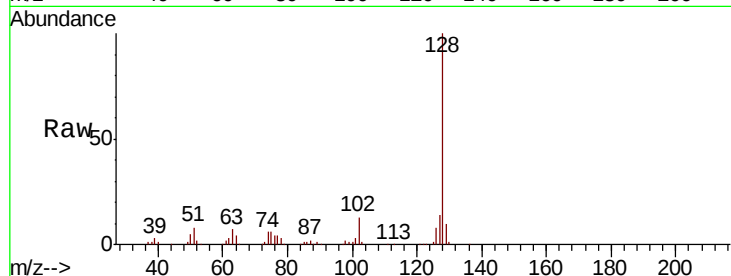




#31
Naphthalene
Concen: 41.217 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

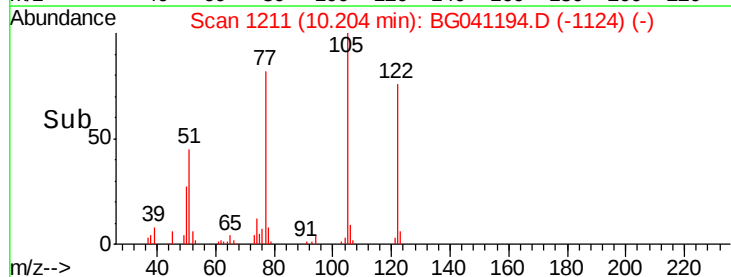
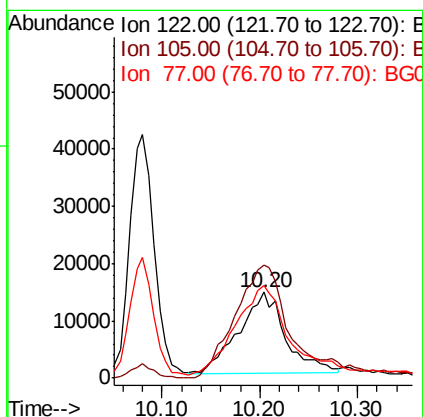
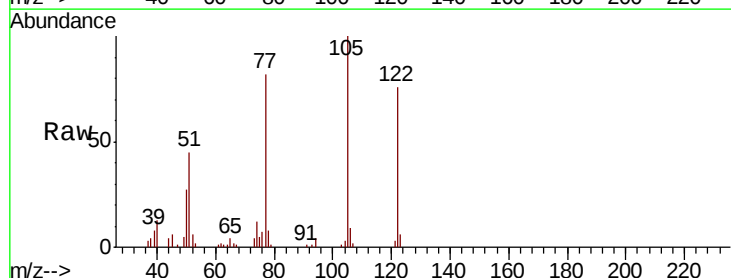
Instrument :
BNA_G
ClientSampleId :

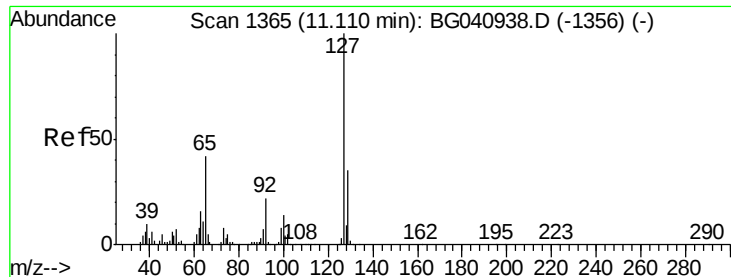
Tot Ion:128 Resp: 290624
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.7 11.4 17.2



#32
Benzoic acid
Concen: 32.907 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:122 Resp: 47609
Ion Ratio Lower Upper
122 100
105 131.3 114.8 154.8
77 108.1 89.9 129.9

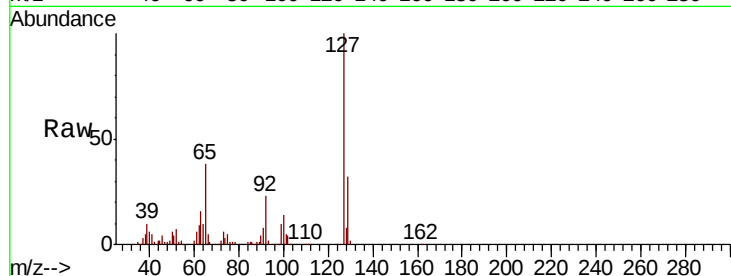




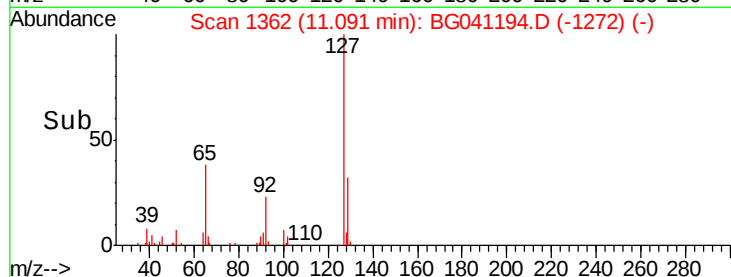
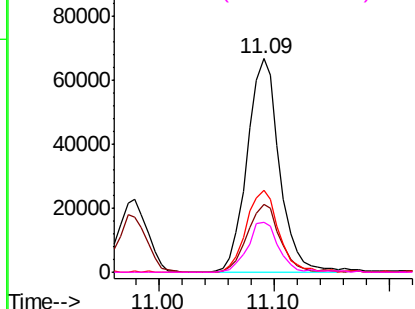
#33
4-Chloroaniline
Concen: 39.650 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	129721	
Ion Ratio	Lower	Upper	
127 100			
129 31.8	27.7	41.5	
65 38.2	33.2	49.8	
92 23.2	17.2	25.8	

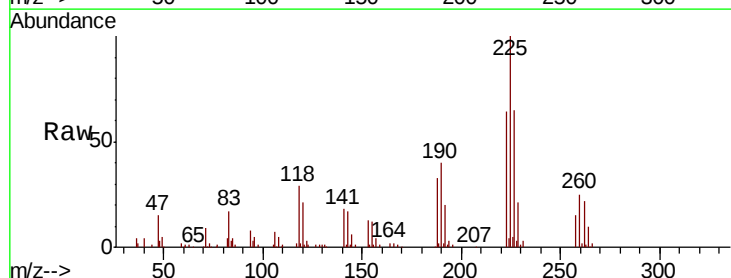


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

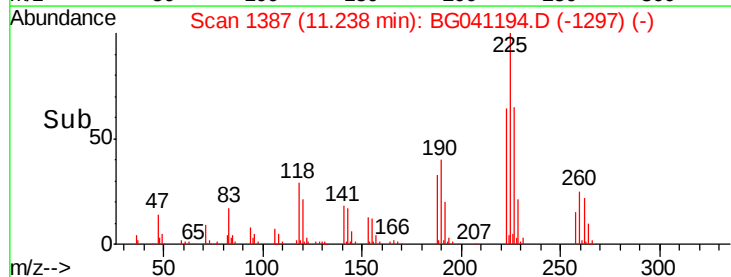
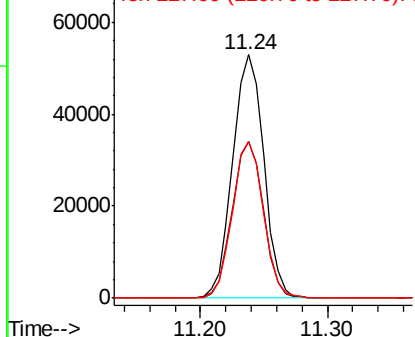


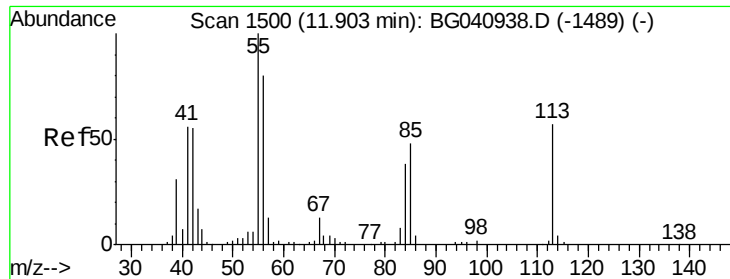
#34
Hexachlorobutadiene
Concen: 39.693 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	225	Resp: Lower	90056 Upper
	Ratio		
225	100		
223	64.2	48.8	73.2
227	64.5	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.486 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

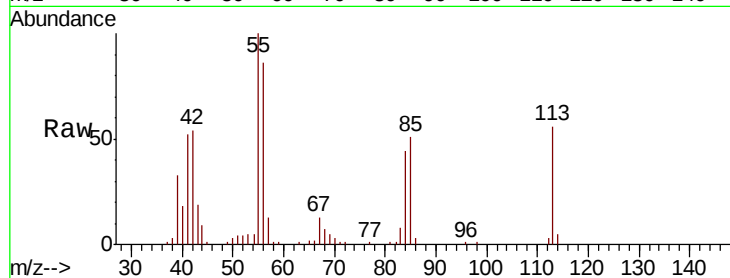
Tot Ion:113 Resp: 32266

Ion Ratio Lower Upper

113 100

55 179.0 155.9 195.9

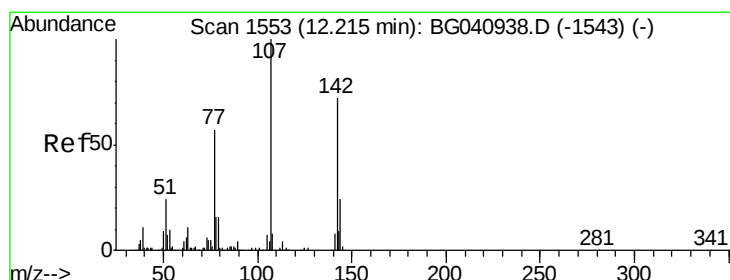
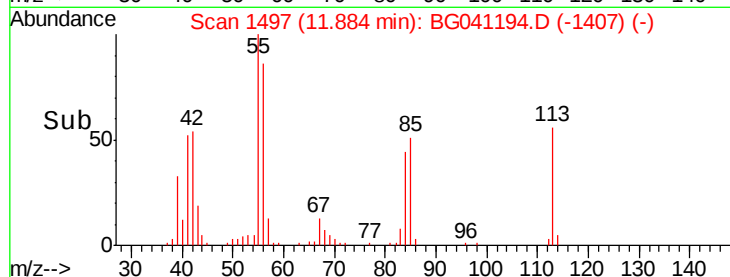
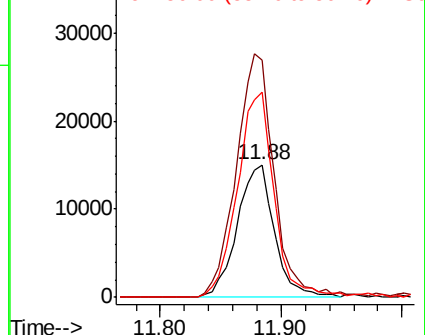
56 154.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.615 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

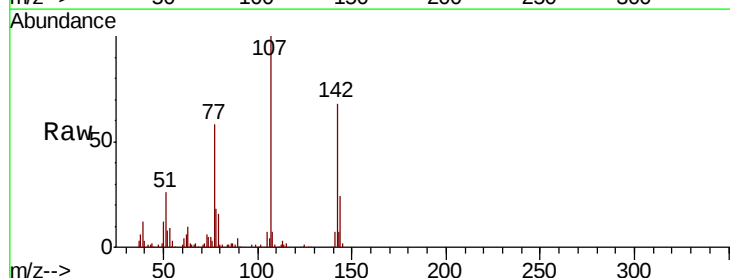
Tgt Ion:107 Resp: 117927

Ion Ratio Lower Upper

107 100

144 24.0 19.4 29.0

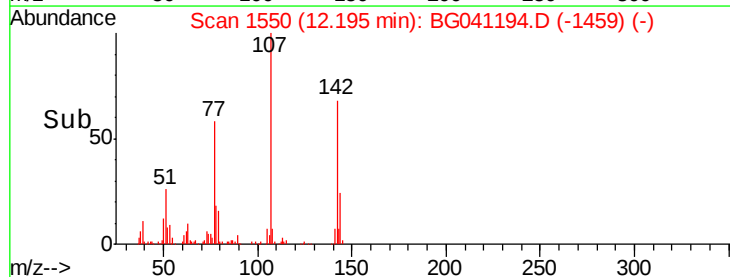
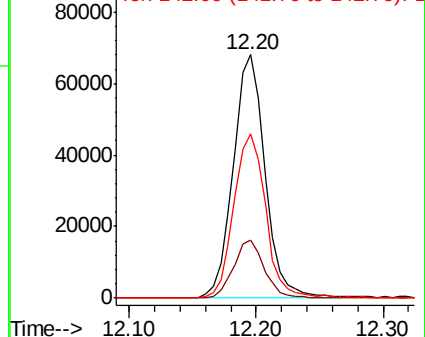
142 67.7 57.3 85.9

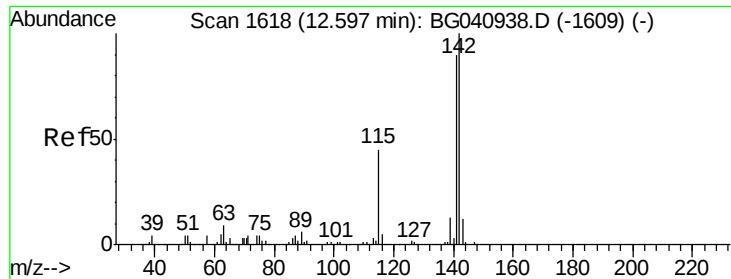


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

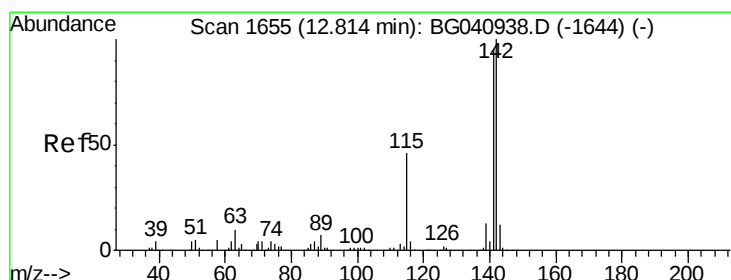
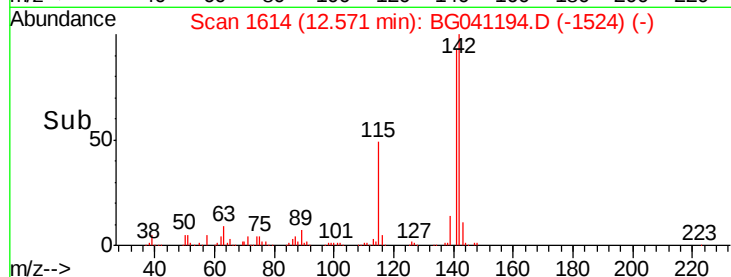
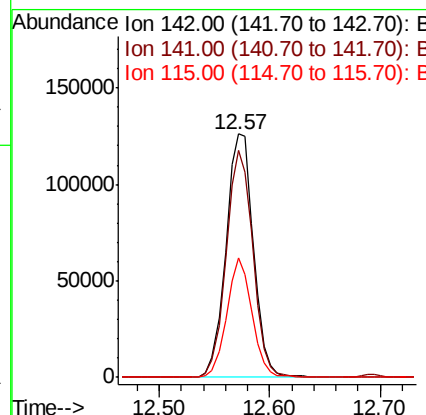
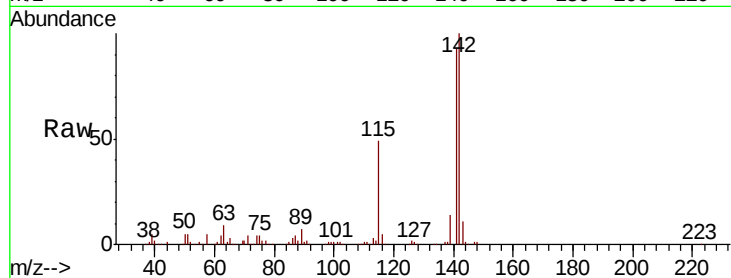




#37
2-Methylnaphthalene
Concen: 40.379 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

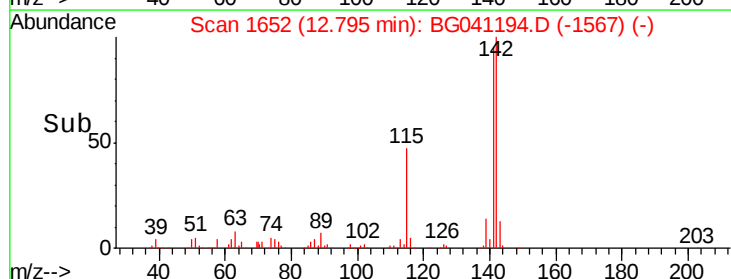
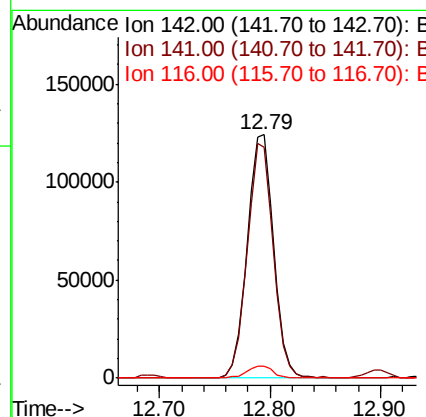
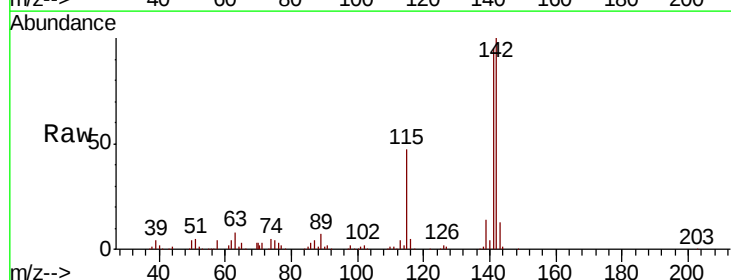
Instrument :
BNA_G
ClientSampleId :

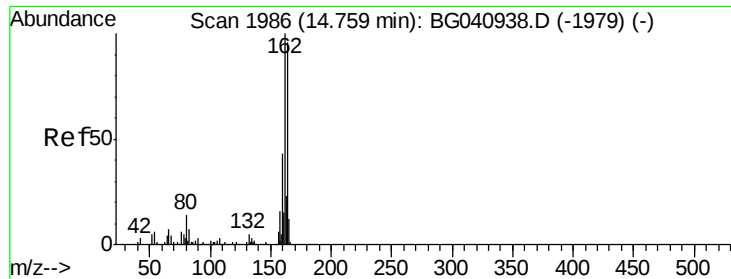
Tot Ion:142 Resp: 219282
Ion Ratio Lower Upper
142 100
141 93.3 72.2 108.4
115 49.0 36.2 54.4



#38
1-Methylnaphthalene
Concen: 40.921 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:142 Resp: 209412
Ion Ratio Lower Upper
142 100
141 94.7 75.7 113.5
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

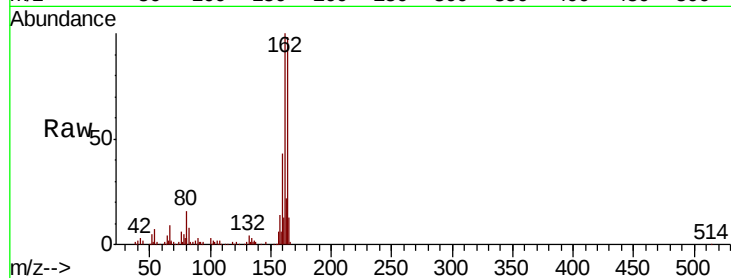
Tot Ion:164 Resp: 100219

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

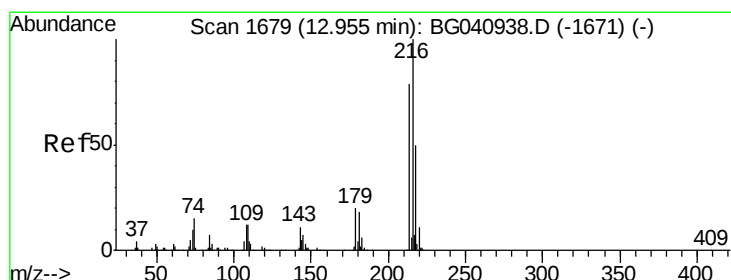
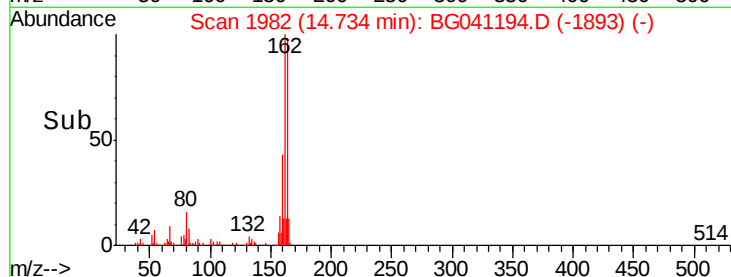
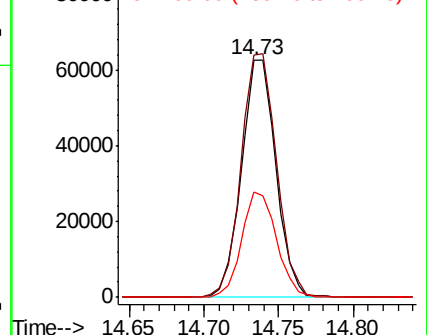
160 44.3 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.964 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Tgt Ion:216 Resp: 169508

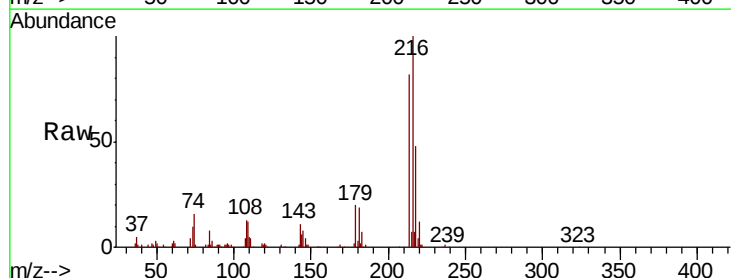
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 18.2 15.2 22.8

108 14.1 11.4 17.2

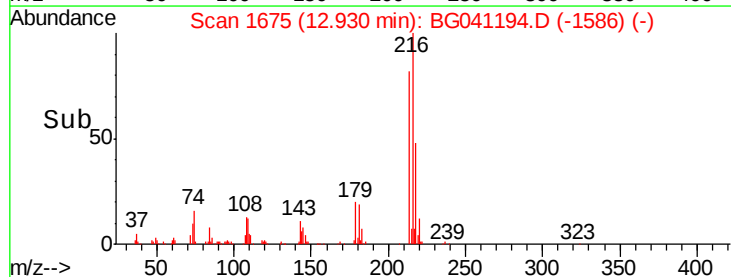
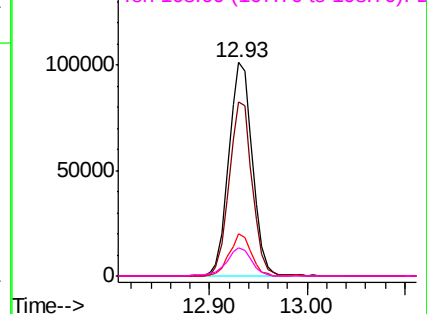


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.777 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

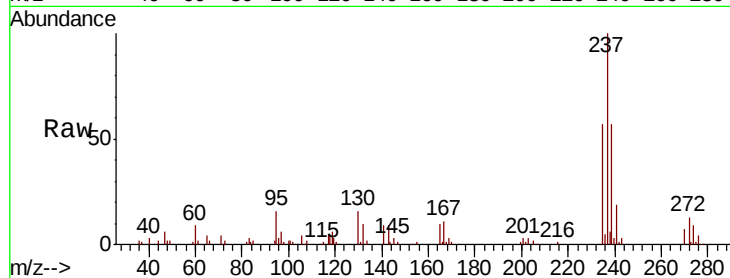
Tot Ion:237 Resp: 66666

Ion Ratio Lower Upper

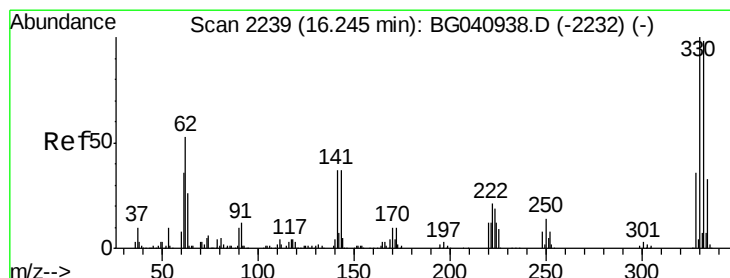
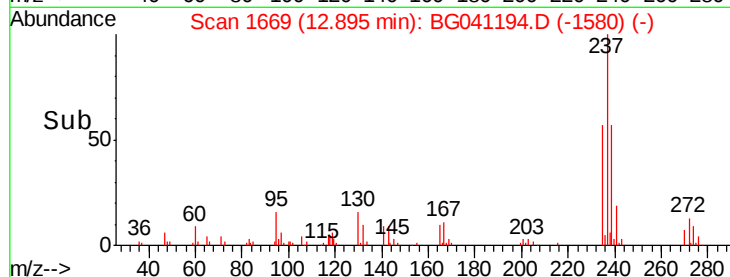
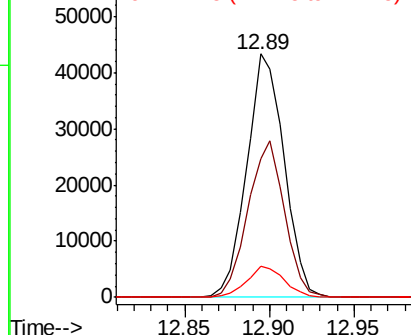
237 100

235 56.7 45.5 85.5

272 12.7 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: 82.160 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

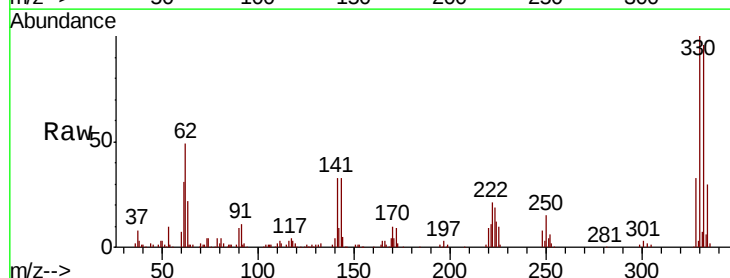
Tgt Ion:330 Resp: 122240

Ion Ratio Lower Upper

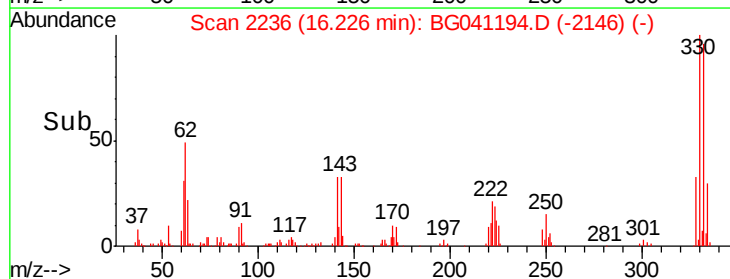
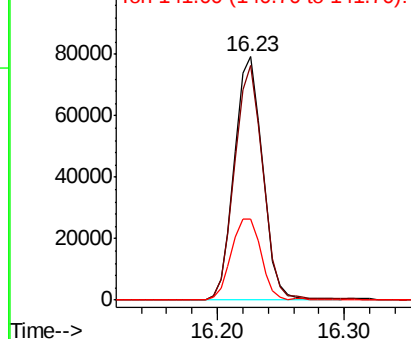
330 100

332 96.9 78.5 117.7

141 34.9 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

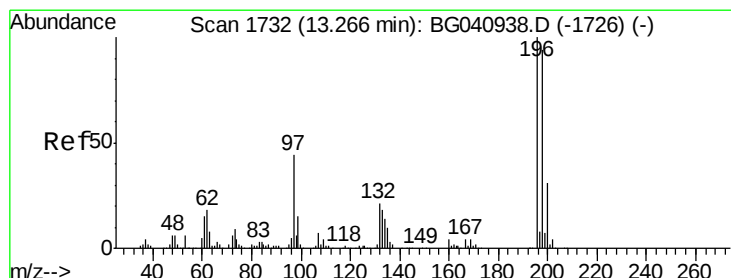
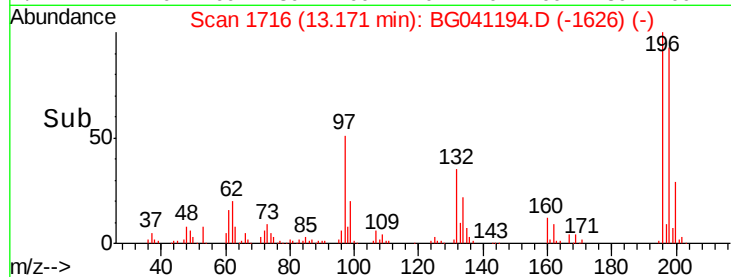
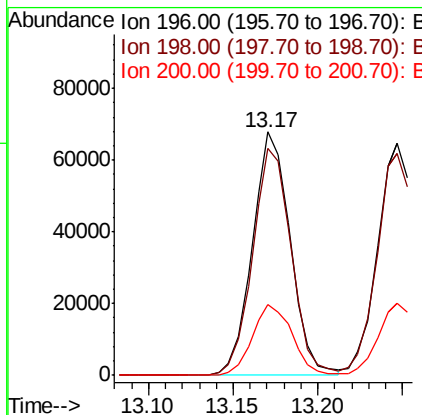
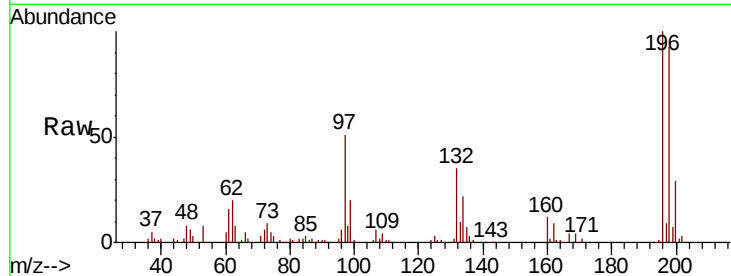




#43
 2,4,6-Trichlorophenol
 Concen: 40.432 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

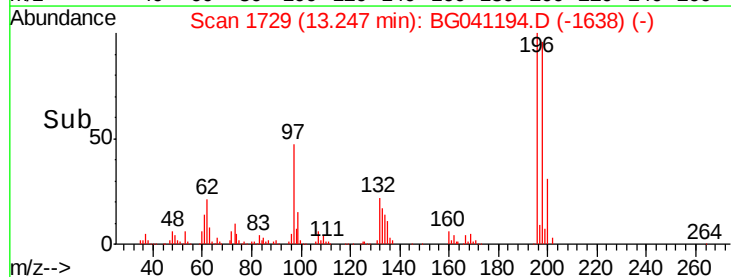
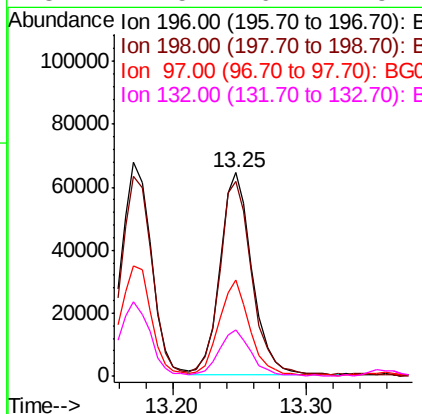
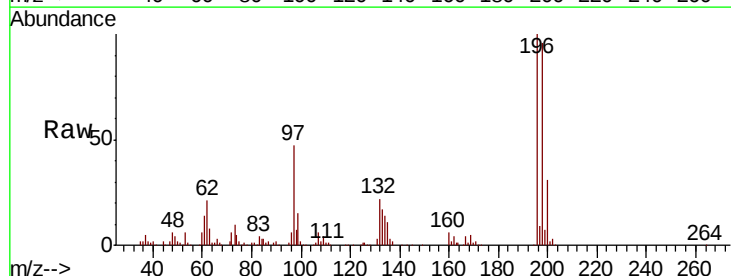
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 105653
 Ion Ratio Lower Upper
 196 100
 198 93.3 73.8 110.6
 200 29.2 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.038 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Tgt Ion:196 Resp: 107584
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.1 112.7
 97 47.4 35.6 53.4
 132 22.5 16.7 25.1

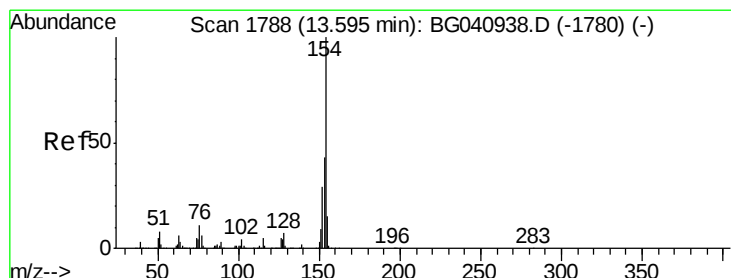
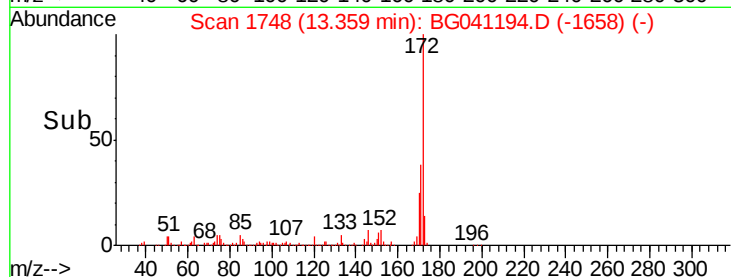
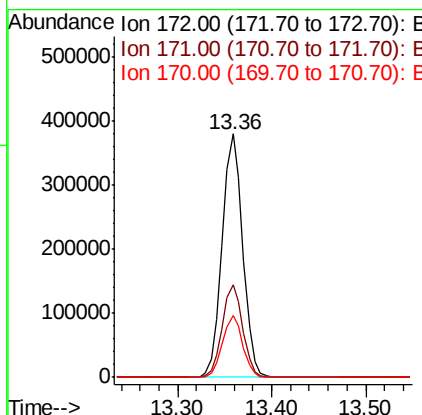
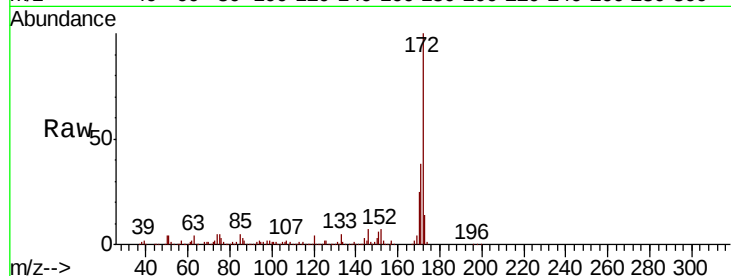




#45
2-Fluorobiphenyl
Concen: 83.479 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

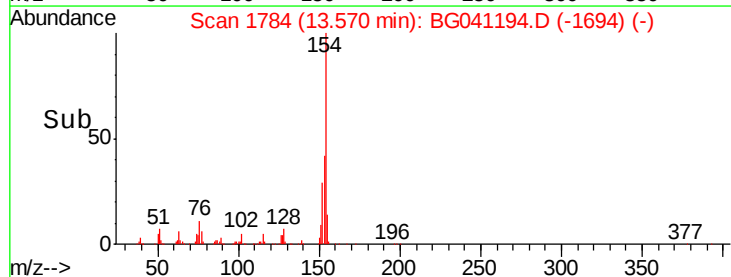
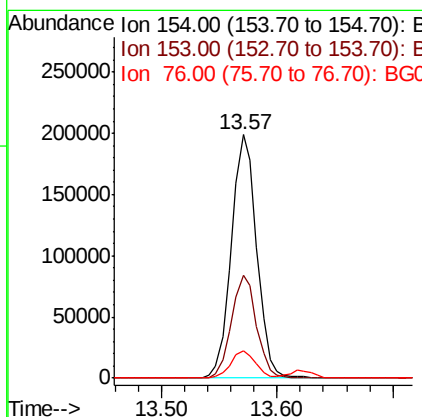
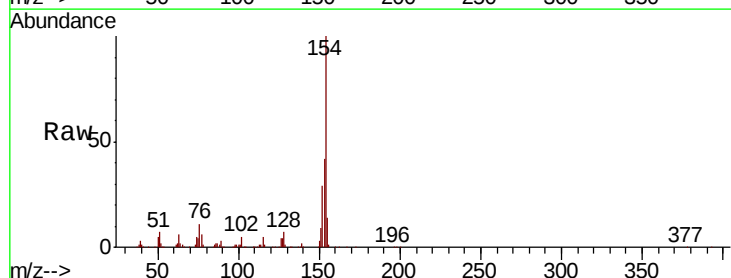
Instrument :
BNA_G
ClientSampleId :

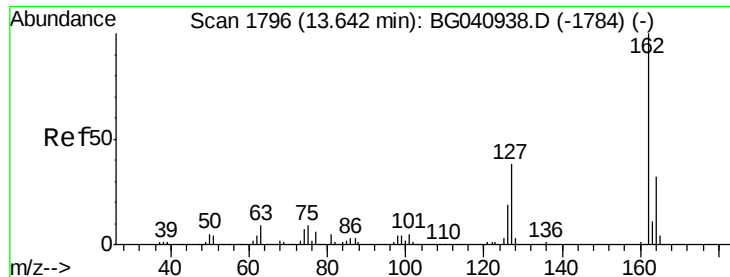
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	25.3	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.539 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.3	63.3
76	11.2	0.0	31.1

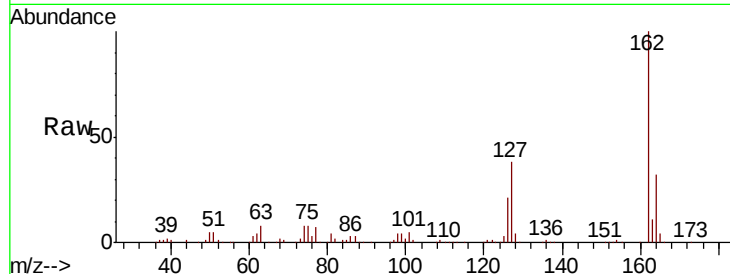




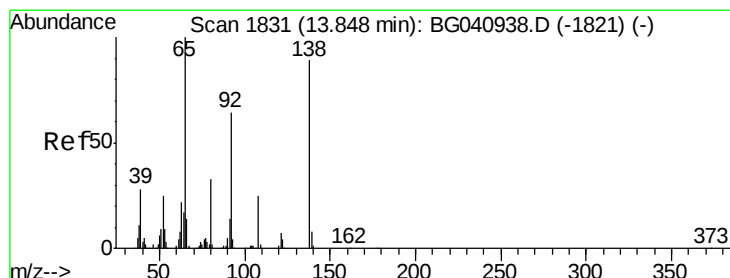
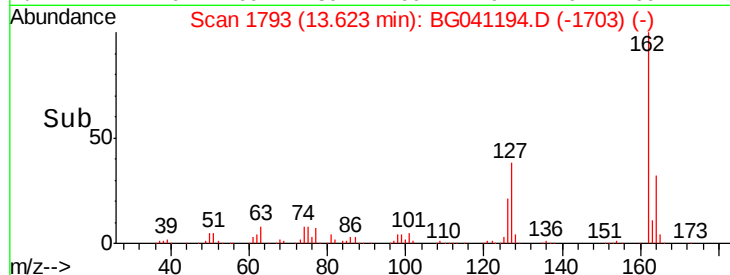
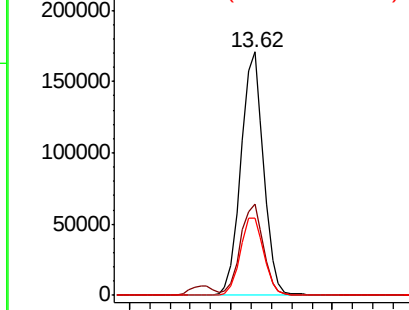
#47
 2-Chloronaphthalene
 Concen: 41.522 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.5	45.7
164	31.6	25.8	38.6

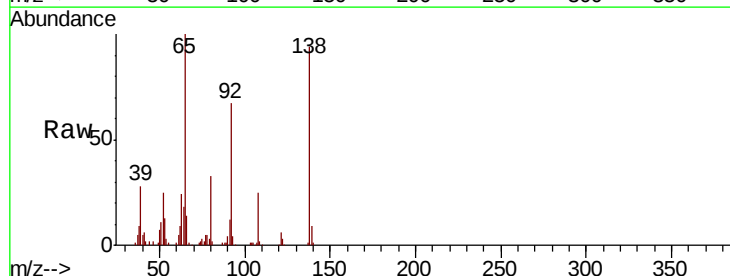


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

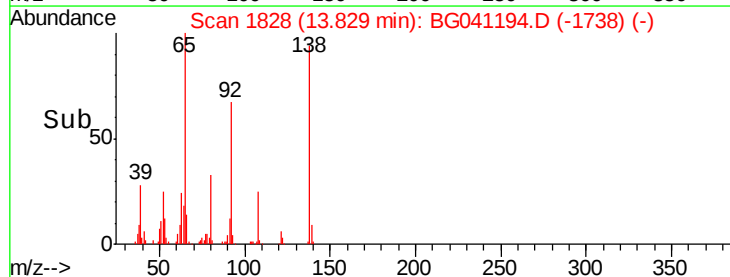
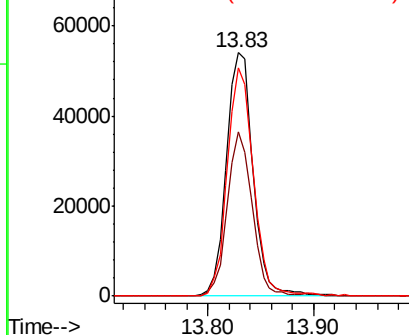


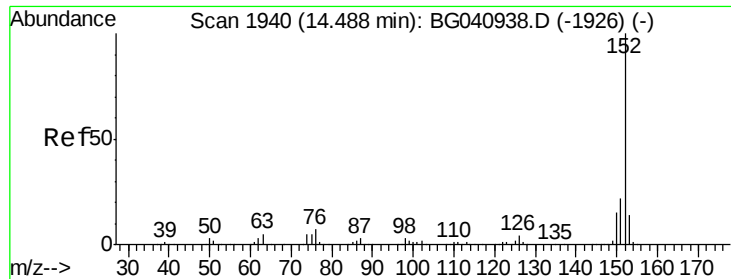
#48
 2-Nitroaniline
 Concen: 41.220 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	51.0	76.6
138	93.8	71.2	106.8



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





#49

Acenaphthylene

Concen: 41.292 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

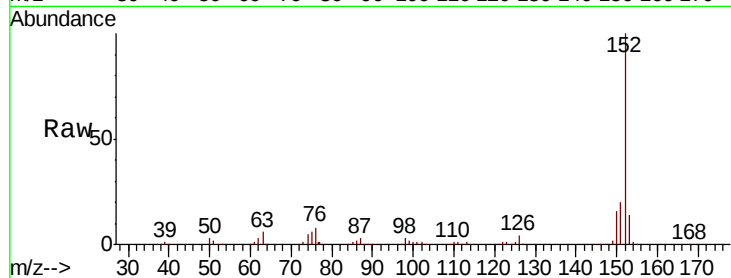
Tot Ion:152 Resp: 395791

Ion Ratio Lower Upper

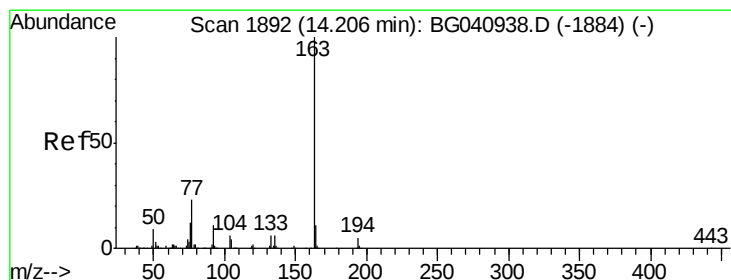
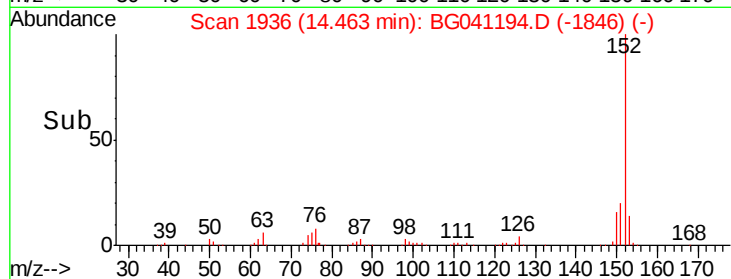
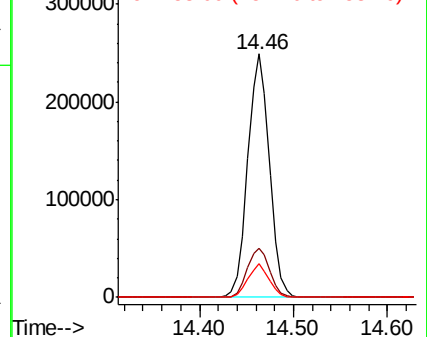
152 100

151 20.4 17.4 26.0

153 13.8 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: 39.994 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

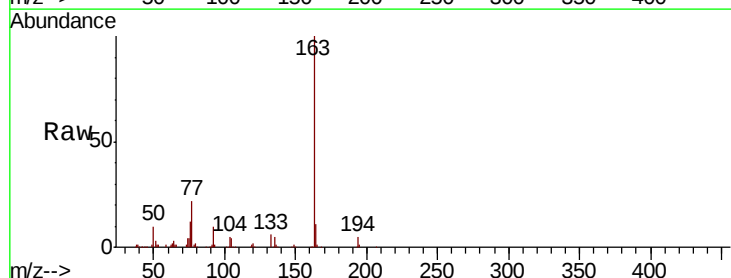
Tgt Ion:163 Resp: 339291

Ion Ratio Lower Upper

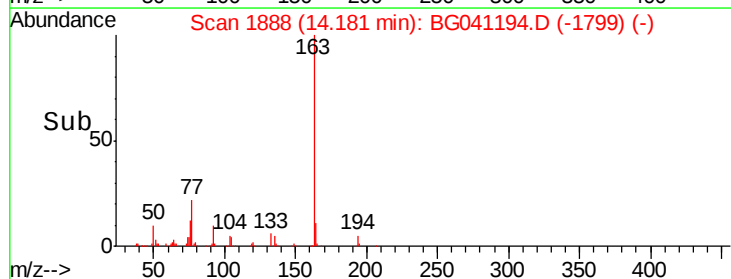
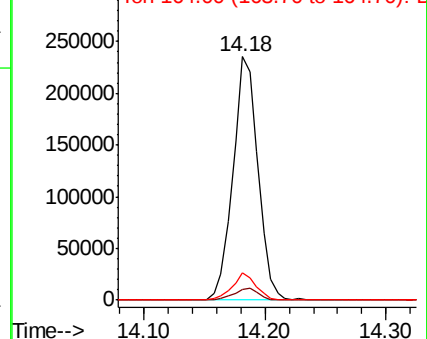
163 100

194 4.6 3.8 5.8

164 11.1 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: 40.198 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

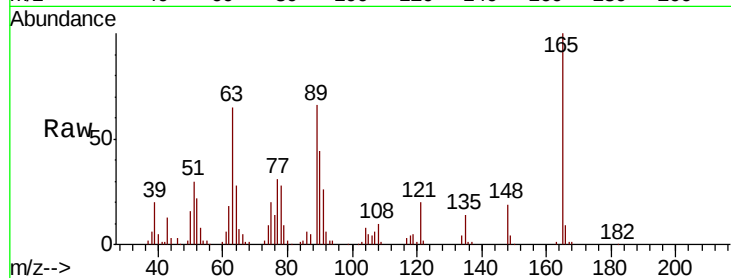
Tot Ion:165 Resp: 73527

Ion Ratio Lower Upper

165 100

63 64.5 53.6 80.4

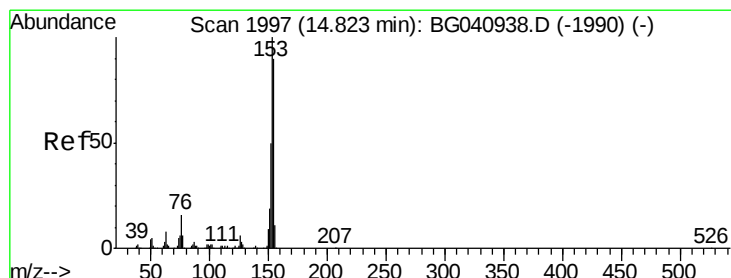
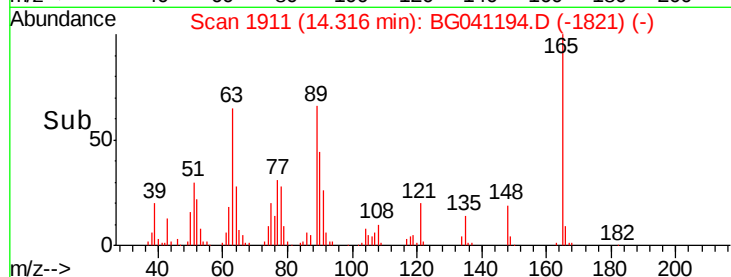
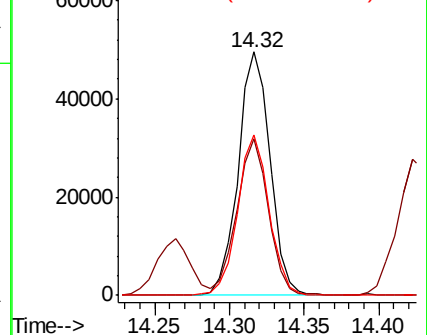
89 65.7 50.4 75.6



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: 39.925 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

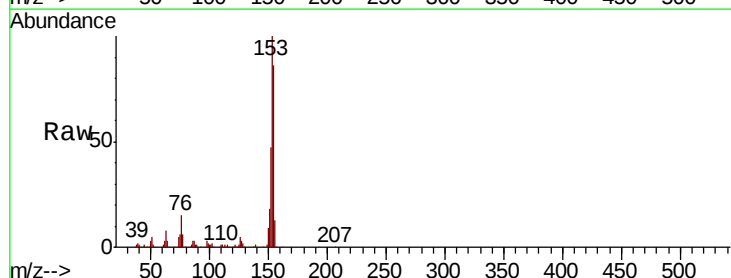
Tgt Ion:154 Resp: 231827

Ion Ratio Lower Upper

154 100

153 115.6 88.6 133.0

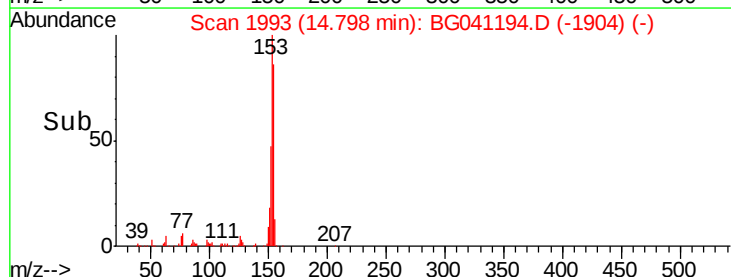
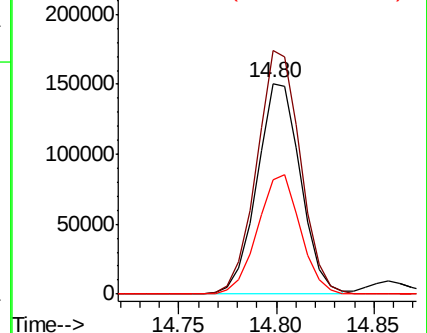
152 54.6 44.2 66.4



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: 39.252 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

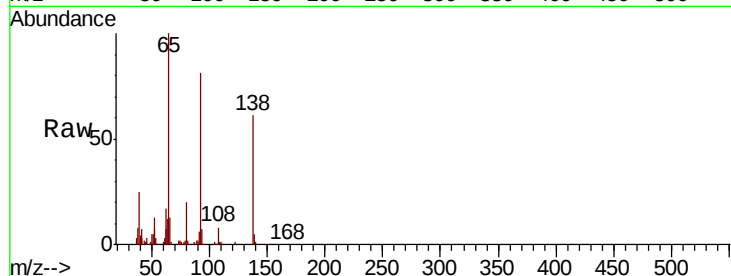
Tot Ion:138 Resp: 71794

Ion Ratio Lower Upper

138 100

108 13.6 8.5 12.7#

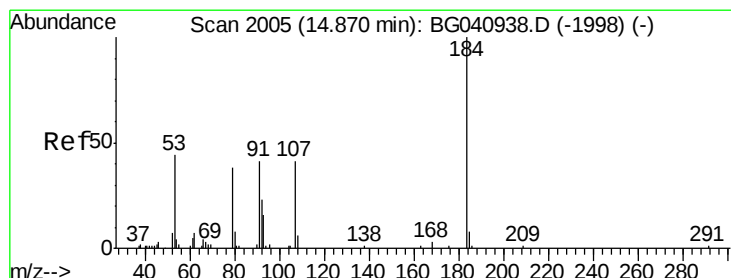
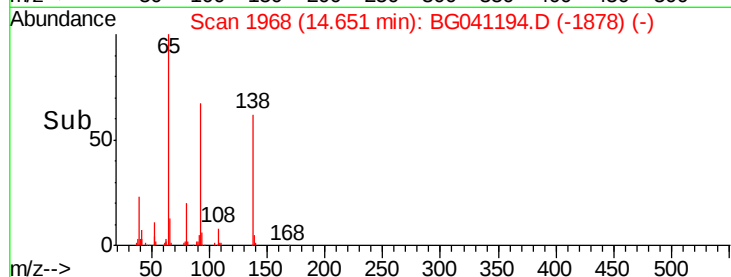
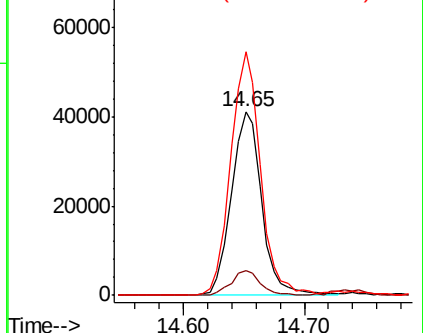
92 132.4 99.0 148.6



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: 37.814 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

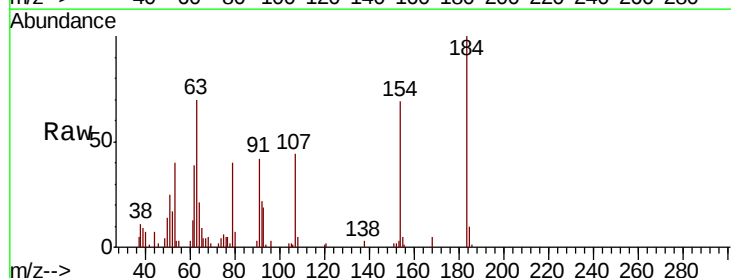
Tgt Ion:184 Resp: 25986

Ion Ratio Lower Upper

184 100

63 70.1 49.8 74.6

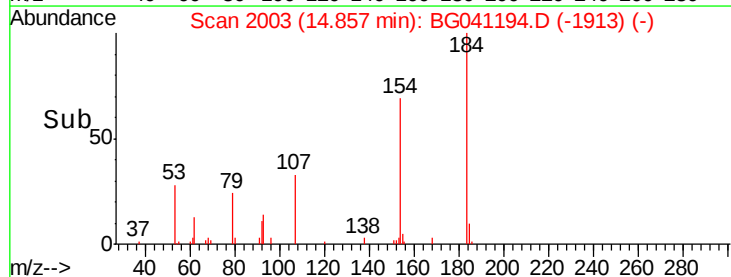
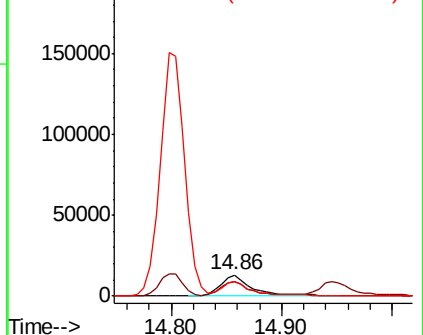
154 69.5 52.2 78.4



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

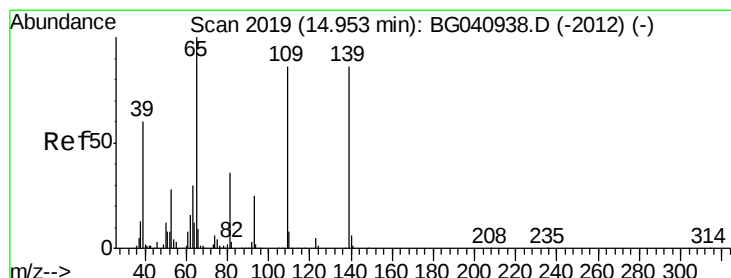
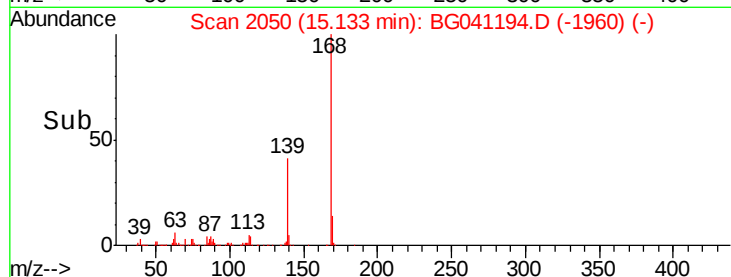
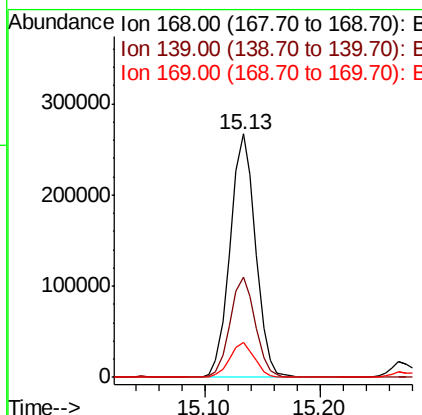
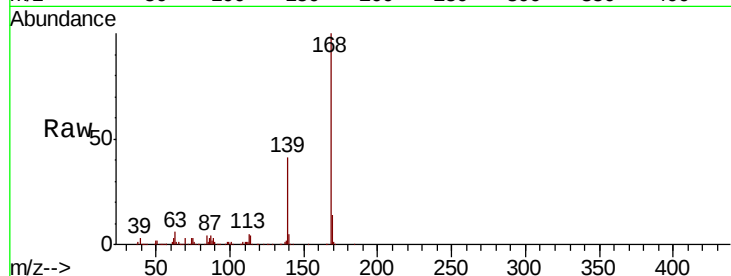




#55
Dibenzofuran
Concen: 41.629 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

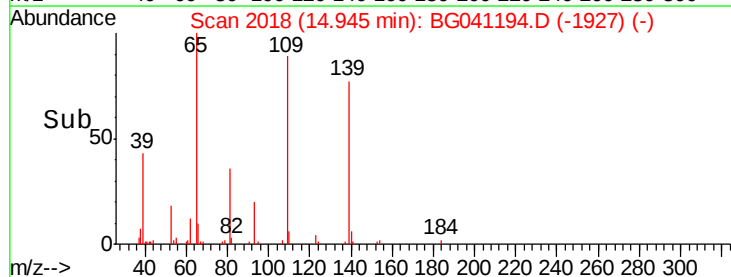
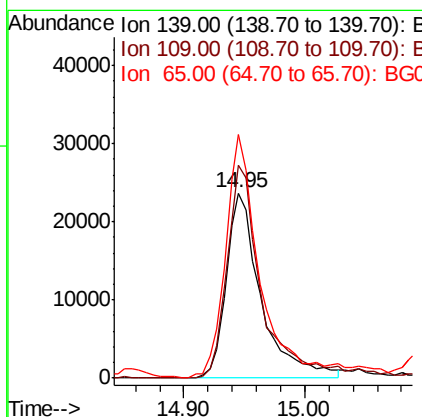
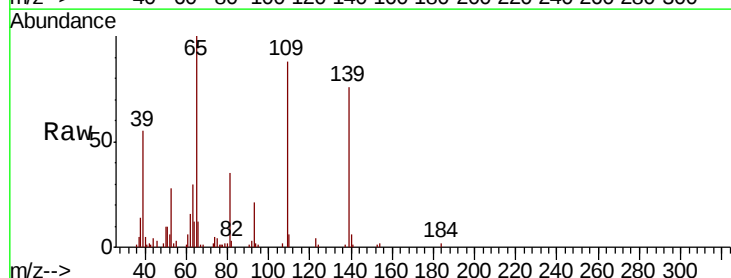
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.8	49.2
169	14.2	11.3	16.9



#56
4-Nitrophenol
Concen: 37.881 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	115.2	79.6	119.6
65	131.5	96.9	136.9

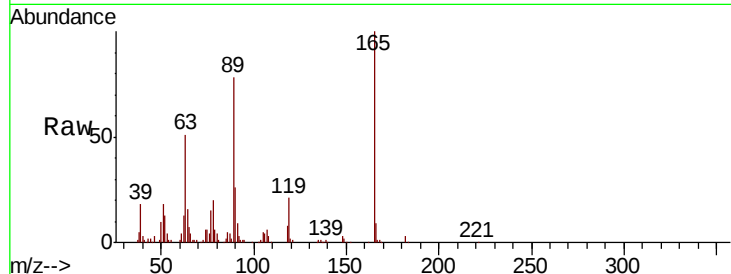




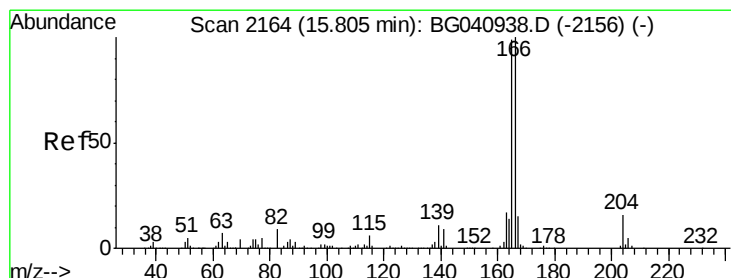
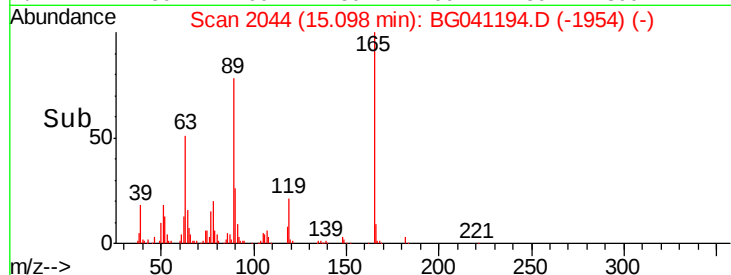
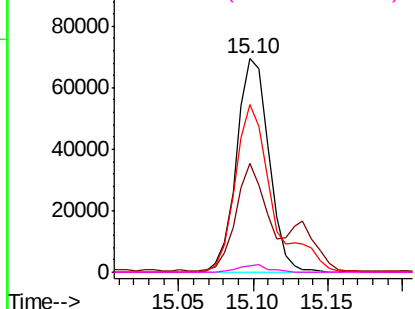
#57
2,4-Dinitrotoluene
Concen: 40.658 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 105052
Ion Ratio Lower Upper
165 100
63 50.8 37.3 55.9
89 78.4 61.0 91.6
182 3.0 2.2 3.2

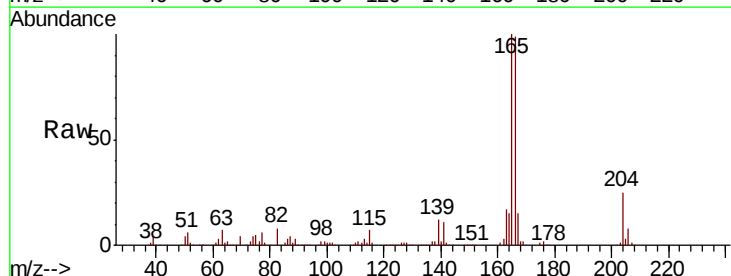


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

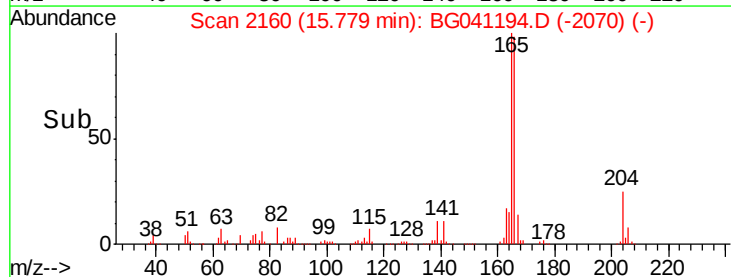
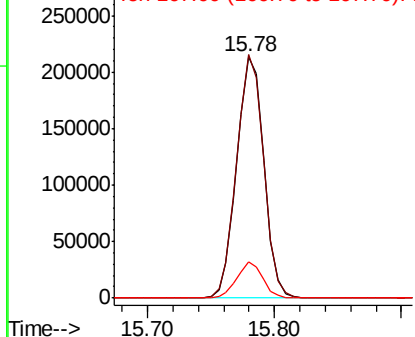


#58
Fluorene
Concen: 40.679 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:166 Resp: 316529
Ion Ratio Lower Upper
166 100
165 100.8 79.2 118.8
167 14.9 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

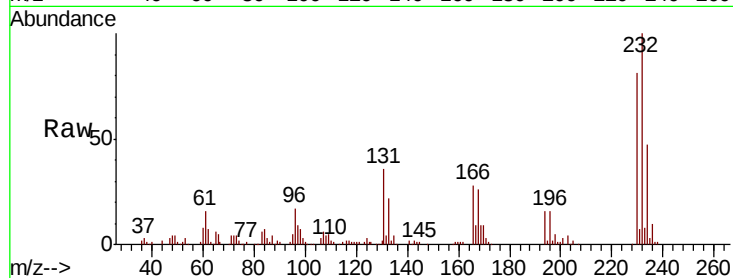




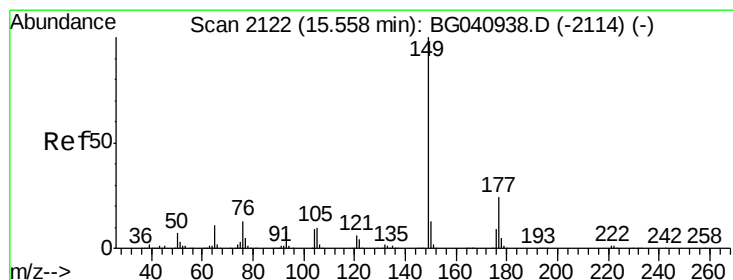
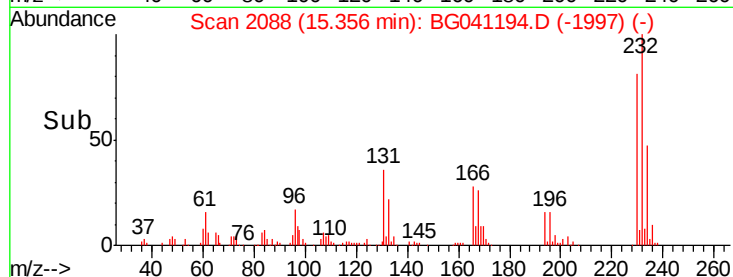
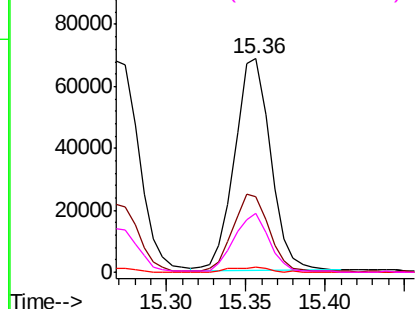
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.801 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 107796
Ion Ratio Lower Upper
232 100
131 37.0 30.3 45.5
130 2.4 1.8 2.8
166 27.5 21.3 31.9

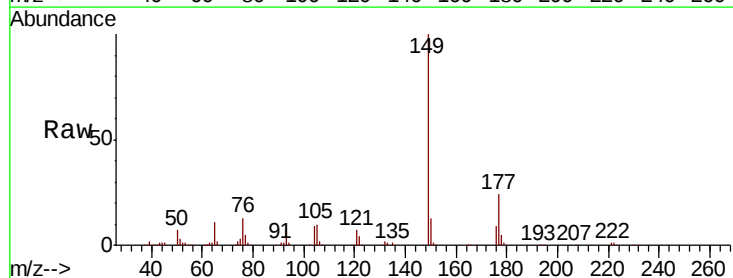


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

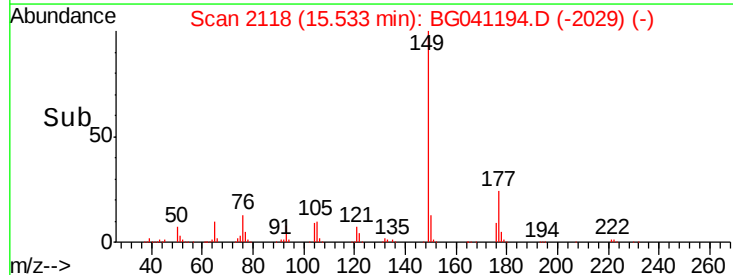
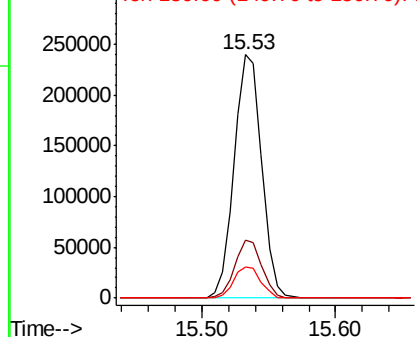


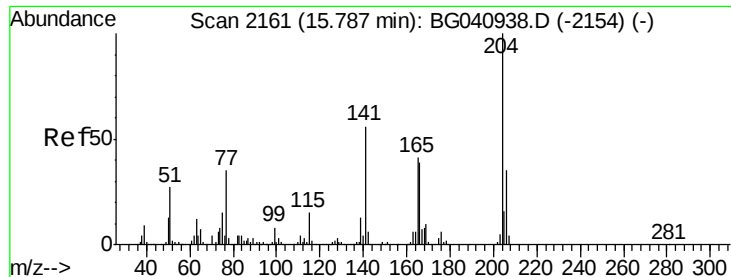
#60
Diethylphthalate
Concen: 39.790 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:149 Resp: 344493
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 12.8 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

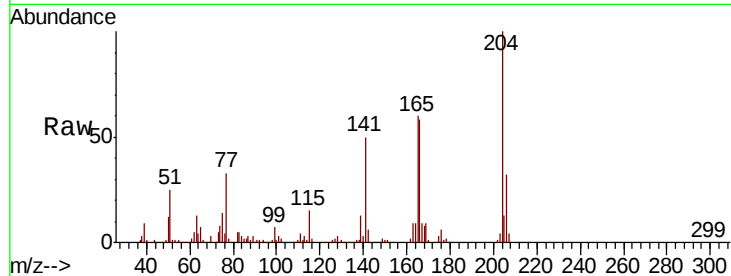




#61
4-Chlorophenyl-phenylether
Concen: 40.639 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.6	41.4
141	49.9	45.1	67.7

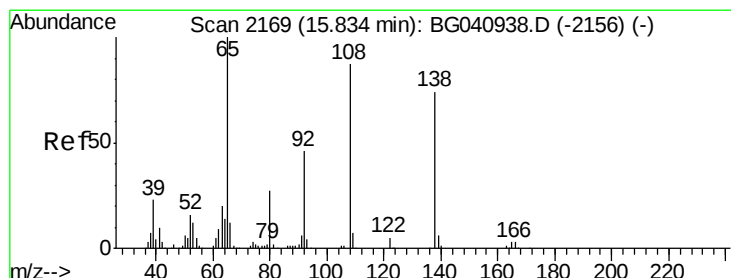
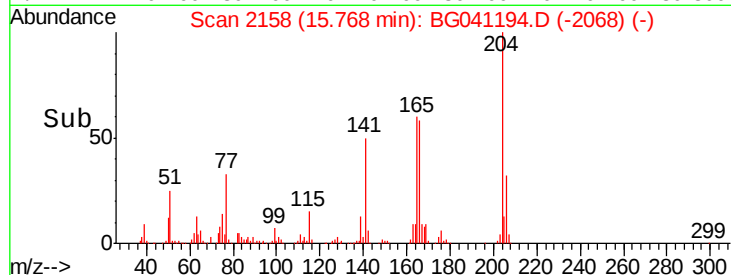
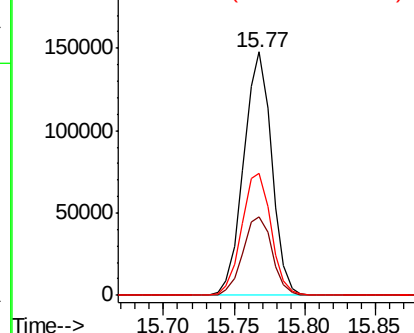


Abundance

Ion 204.00 (203.70 to 204.70): E

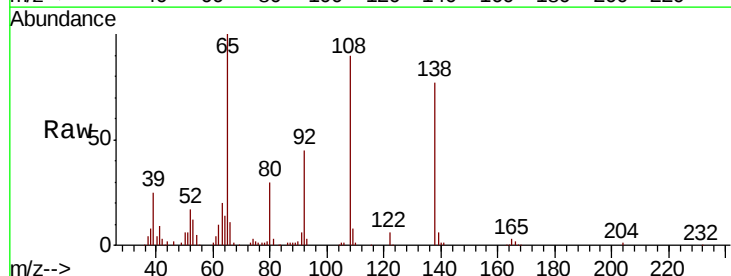
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.245 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	42.4	82.4
108	116.8	96.9	136.9

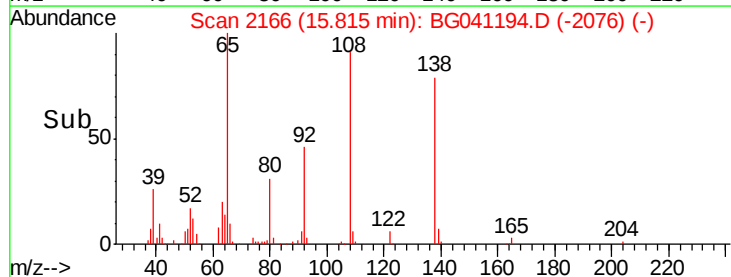
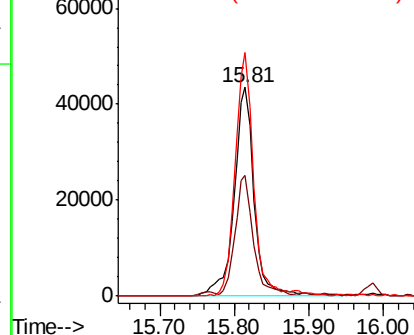


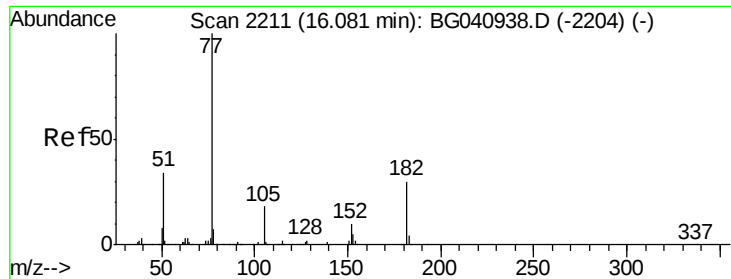
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.048 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 315138

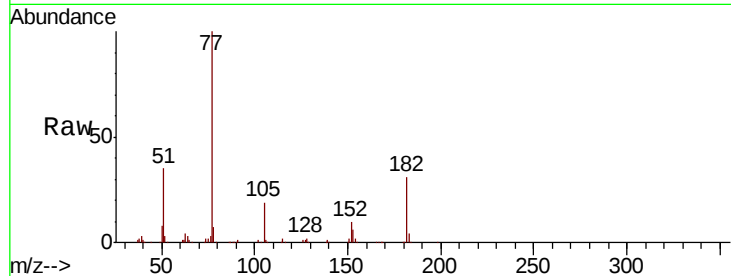
Ion Ratio Lower Upper

77 100

182 30.7 9.6 49.6

105 18.9 0.0 37.5

51 35.1 13.7 53.7

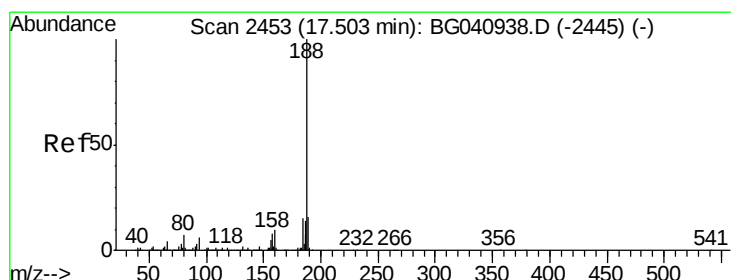
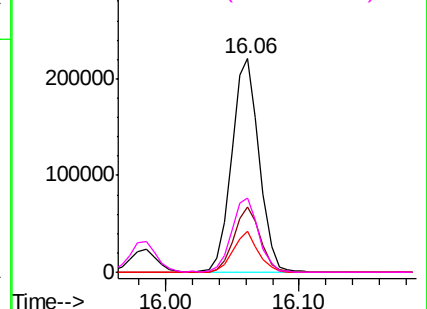
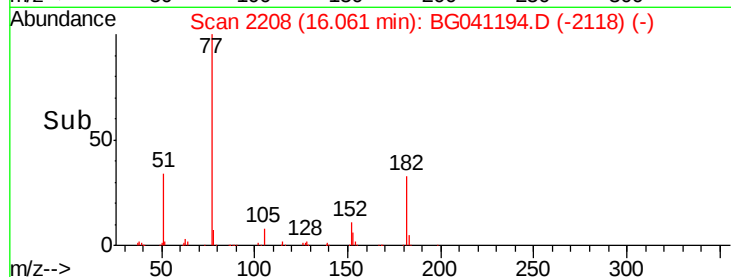


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

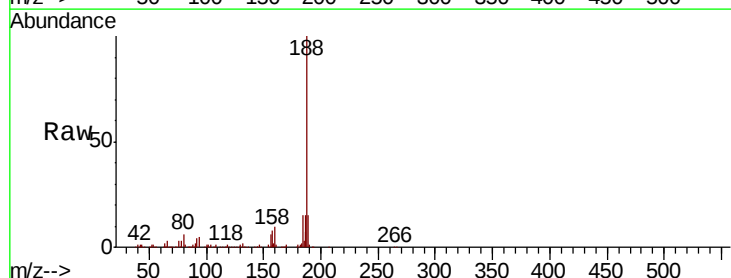
Tgt Ion: 188 Resp: 250581

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

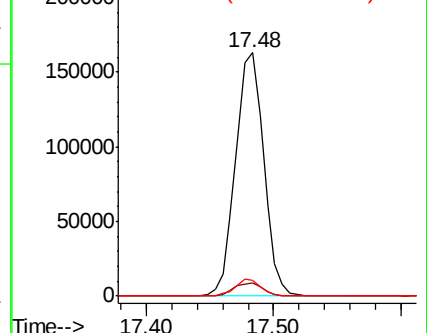
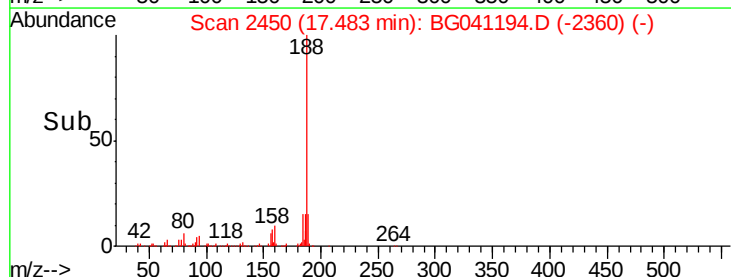
80 6.4 5.8 8.8

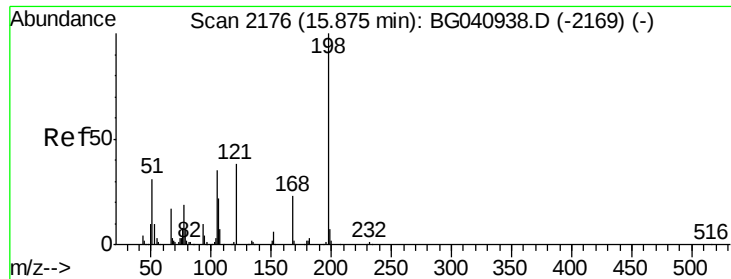


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.305 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

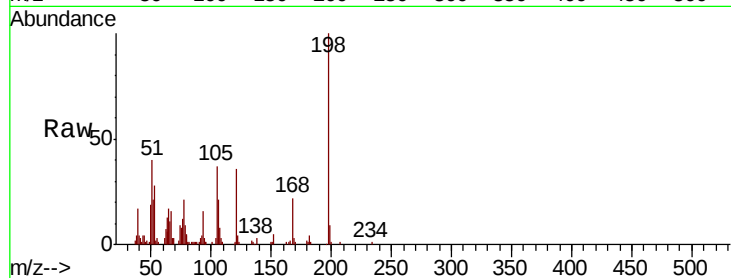
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 53504

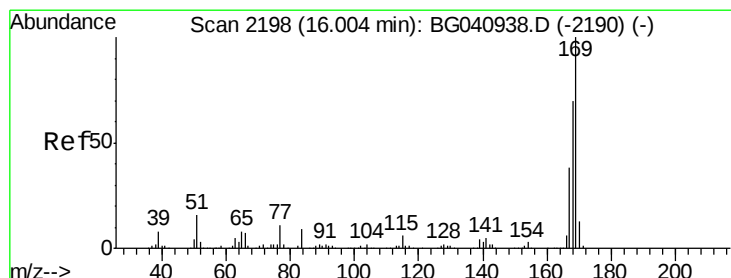
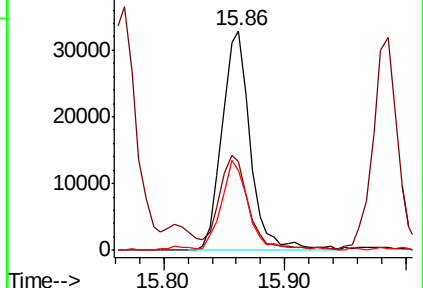
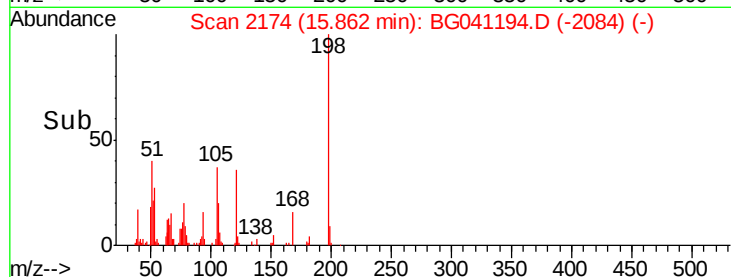
Ion	Ratio	Lower	Upper
198	100		
51	40.3	21.6	61.6
105	36.6	17.5	57.5



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: 40.592 ng

RT: 15.99 min Scan# 2195

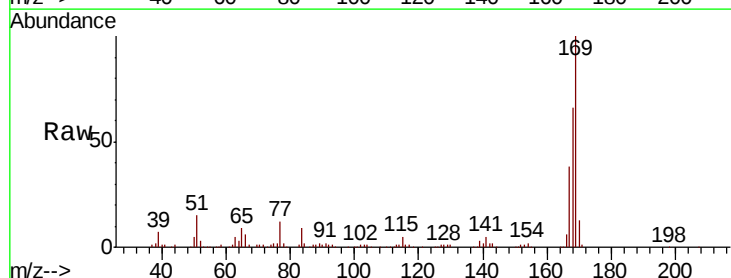
Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Tgt Ion:169 Resp: 285934

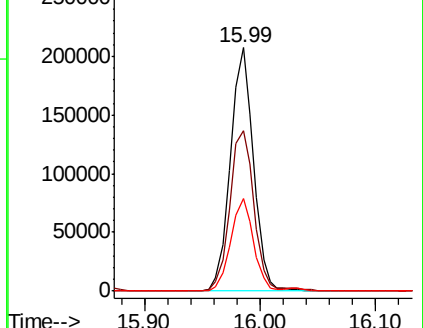
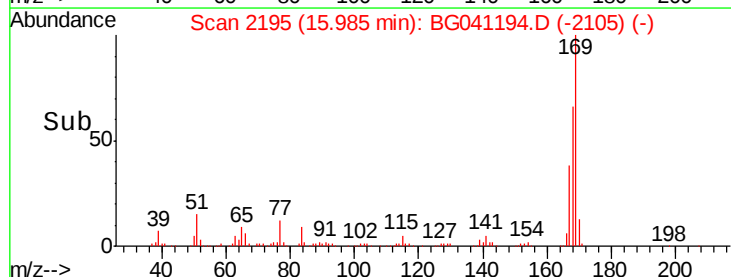
Ion	Ratio	Lower	Upper
169	100		
168	66.0	55.7	83.5
167	38.2	30.2	45.2

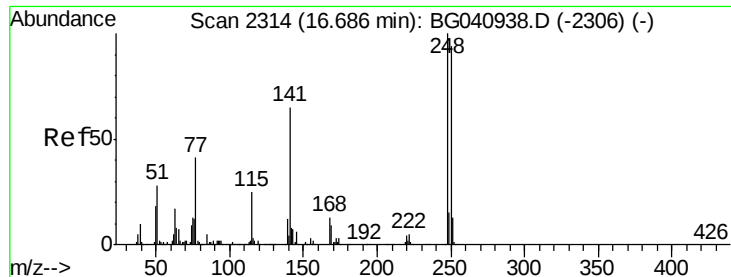


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

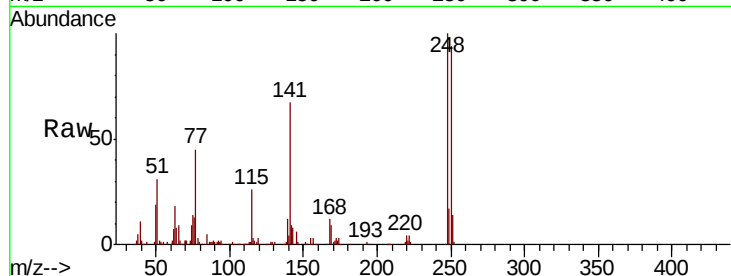




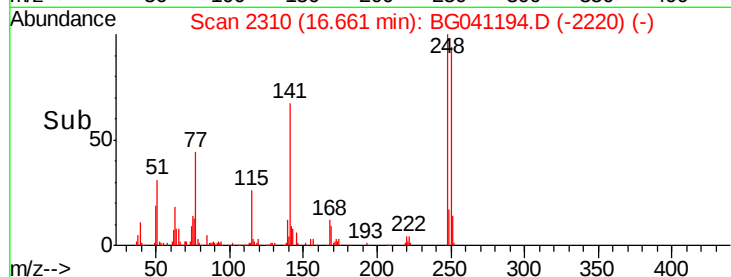
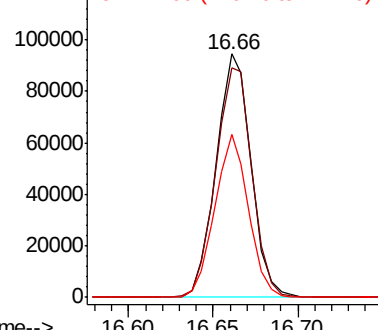
#67
4-Bromophenyl-phenylether
Concen: 40.276 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 136202
Ion Ratio Lower Upper
248 100
250 94.4 75.0 112.4
141 67.1 52.4 78.6

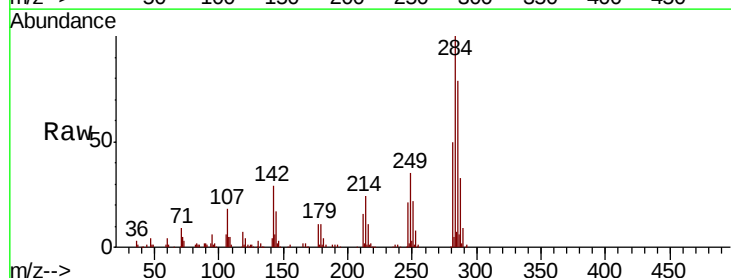


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

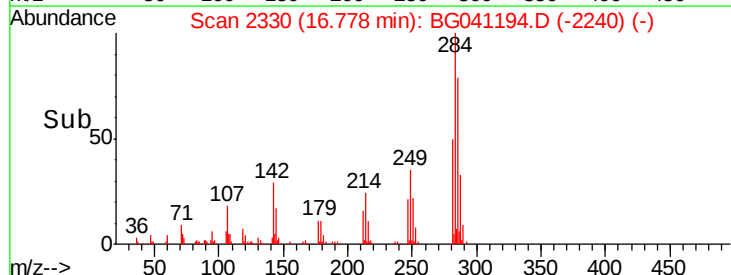
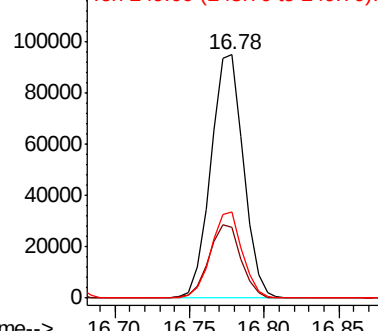


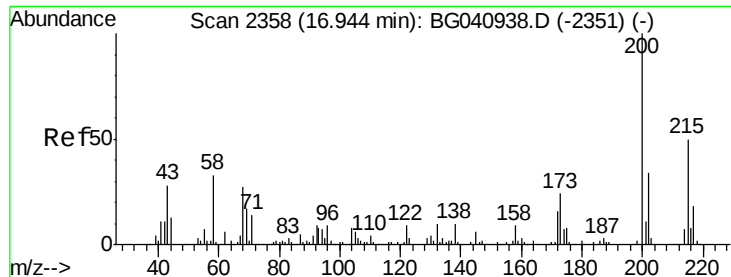
#68
Hexachlorobenzene
Concen: 39.895 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:284 Resp: 143659
Ion Ratio Lower Upper
284 100
142 29.2 23.9 35.9
249 35.3 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

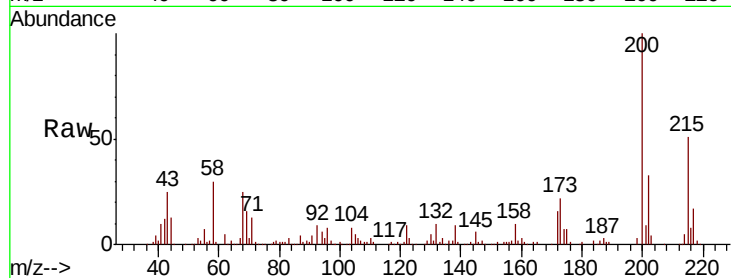




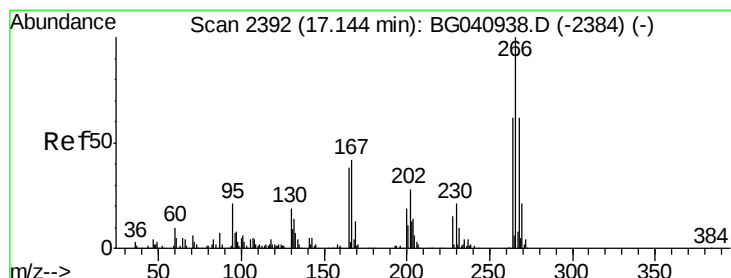
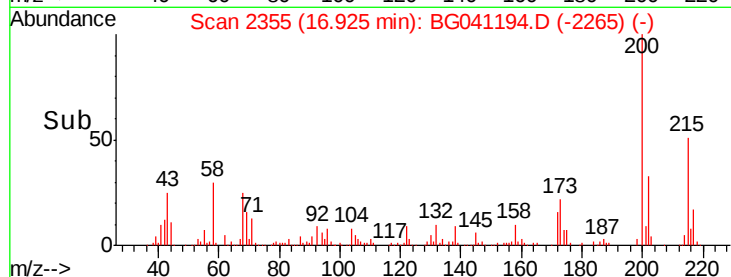
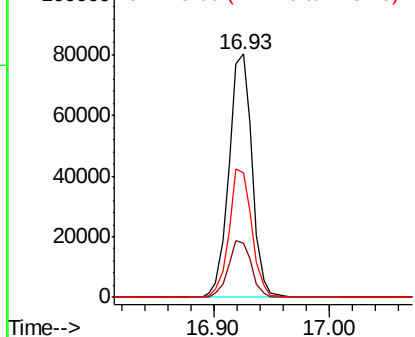
#69
Atrazine
Concen: 40.695 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 110609
Ion Ratio Lower Upper
200 100
173 22.1 3.6 43.6
215 51.2 29.6 69.6

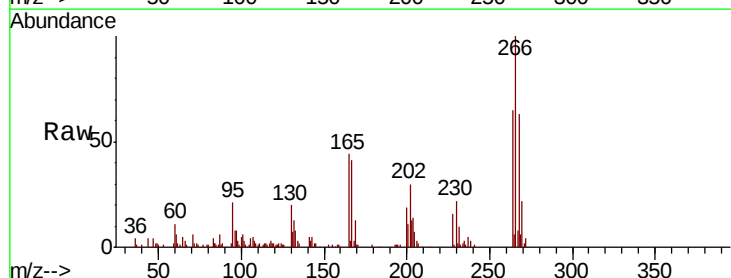


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

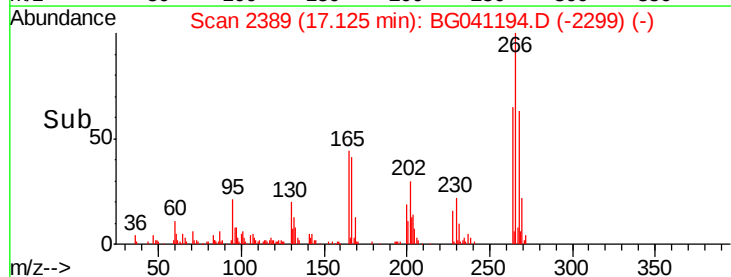
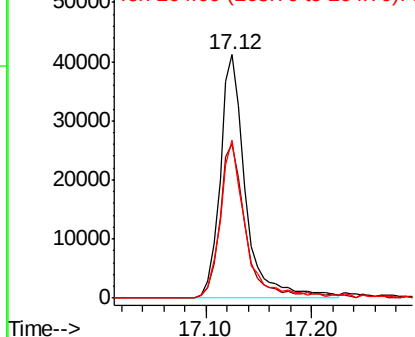


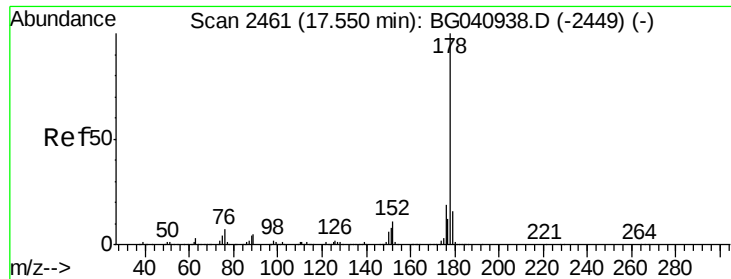
#70
Pentachlorophenol
Concen: 37.943 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:266 Resp: 68635
Ion Ratio Lower Upper
266 100
268 63.0 53.1 79.7
264 64.8 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: 41.838 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampled :

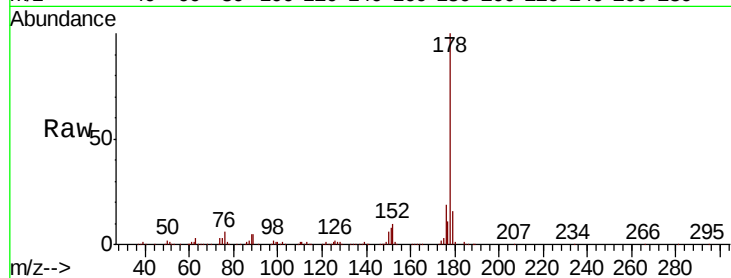
Tot Ion:178 Resp: 546086

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

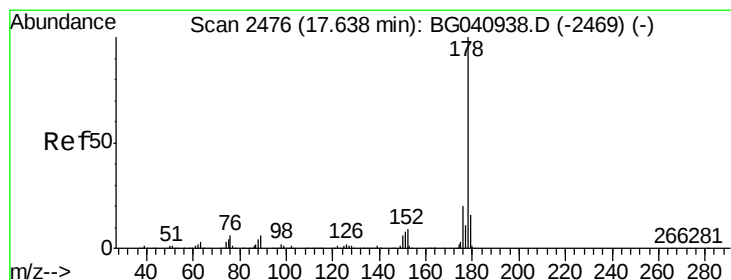
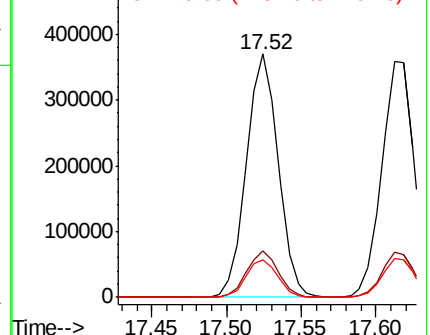
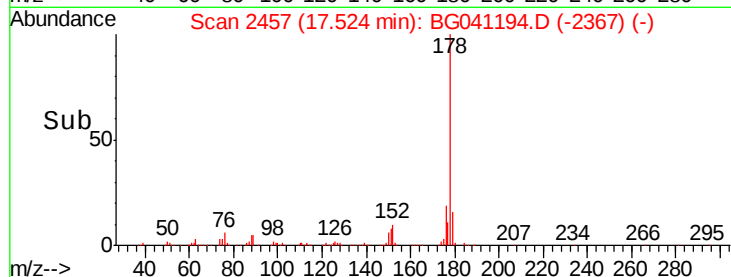
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.218 ng

RT: 17.61 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

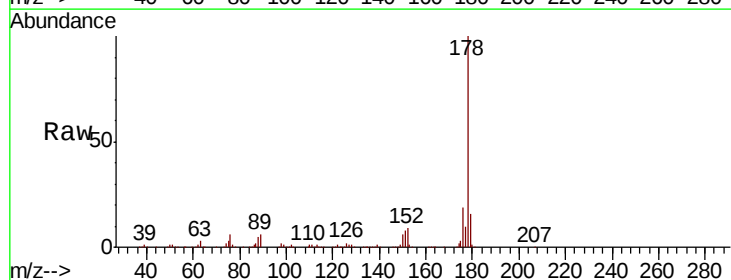
Tgt Ion:178 Resp: 543481

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

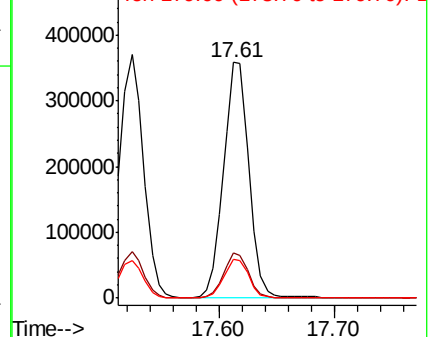
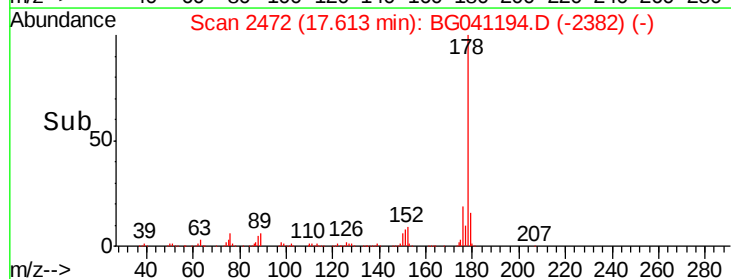
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

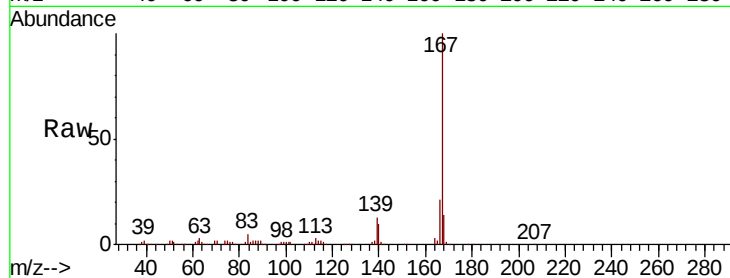




#73
 Carbazole
 Concen: 43.193 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	13.4	10.8	16.2

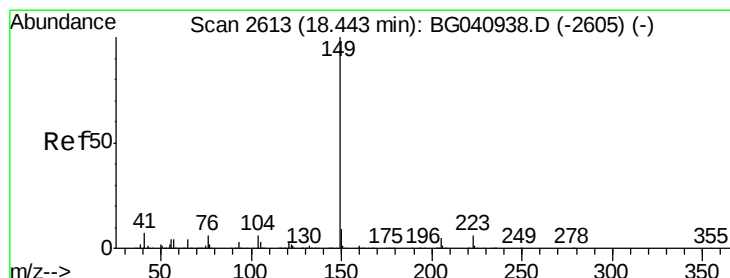
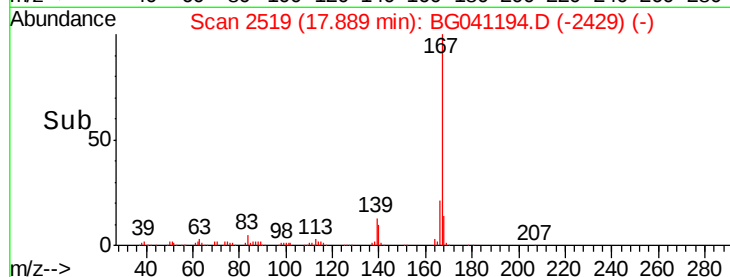
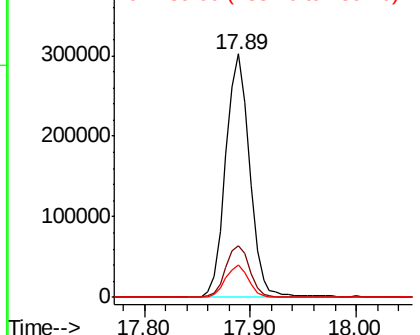


Abundance

Ion 167.00 (166.70 to 167.70): E

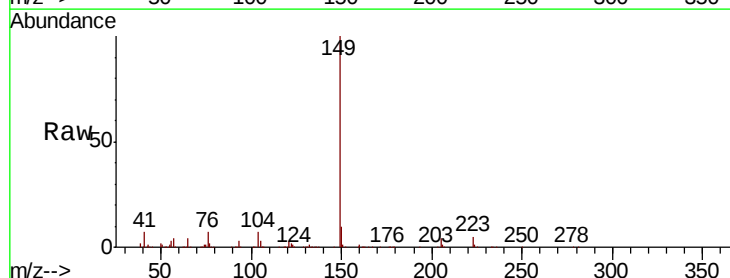
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.724 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041194.D
 Acq: 11 Jun 2019 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.7	5.0	7.4

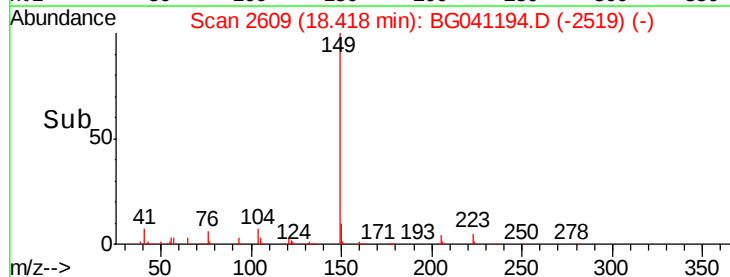
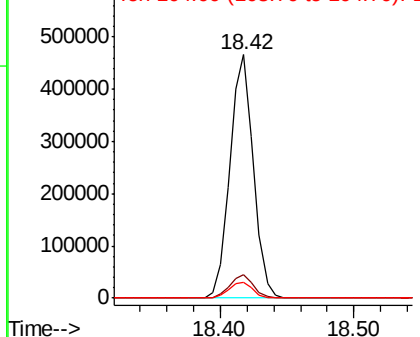


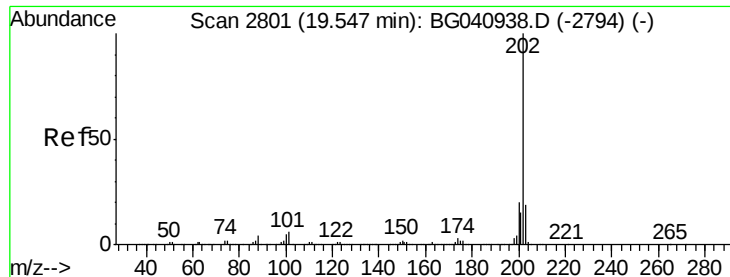
Abundance

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: 44.346 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

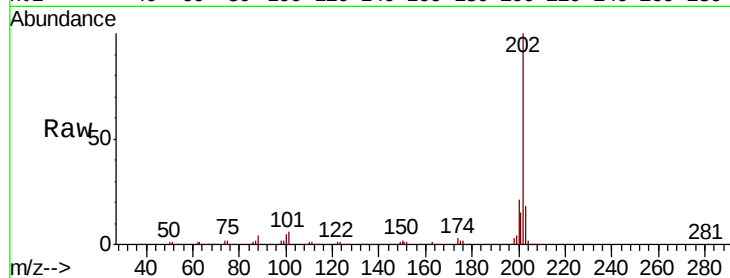
Tot Ion:202 Resp: 714941

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

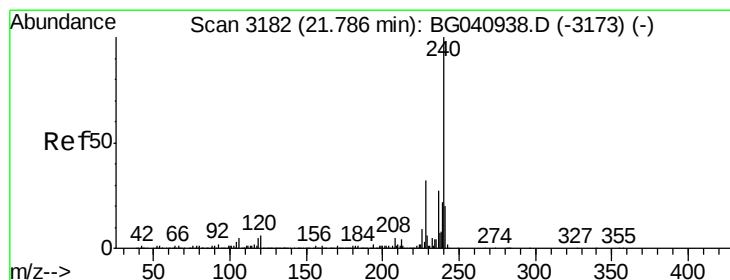
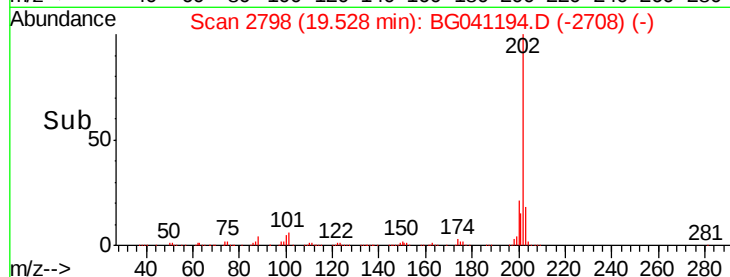
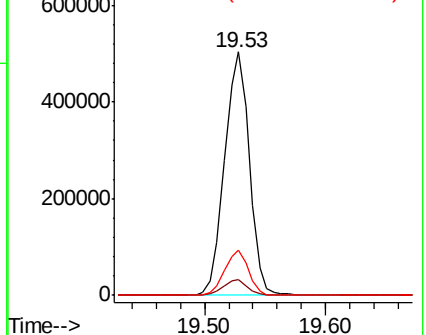
203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

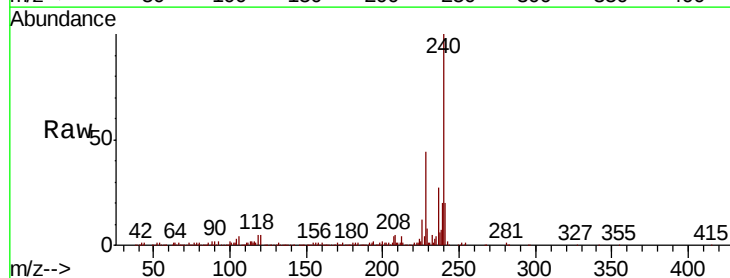
Tgt Ion:240 Resp: 256390

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

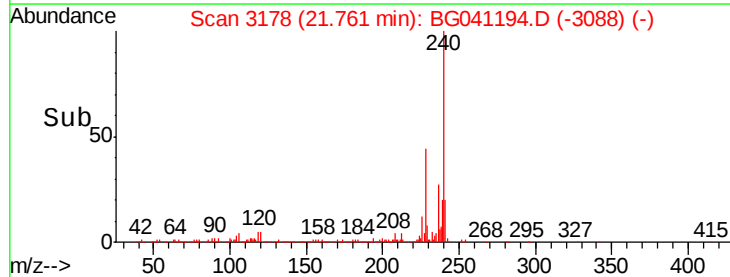
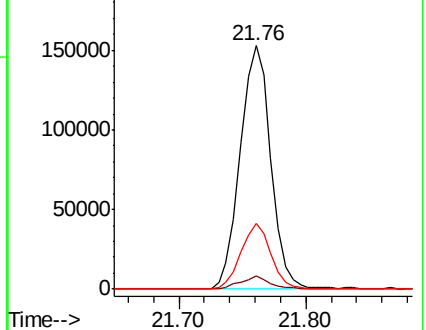
236 27.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.354 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

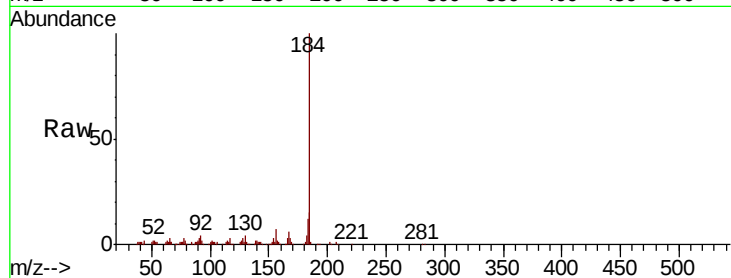
Tot Ion:184 Resp: 204000

Ion Ratio Lower Upper

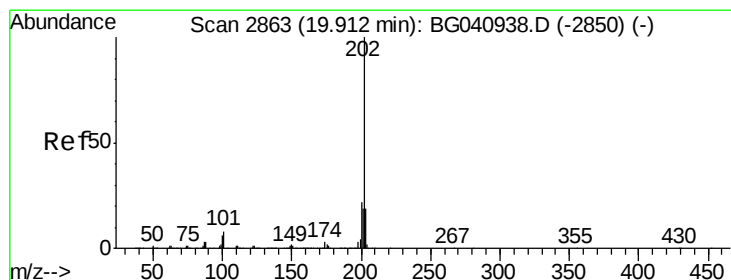
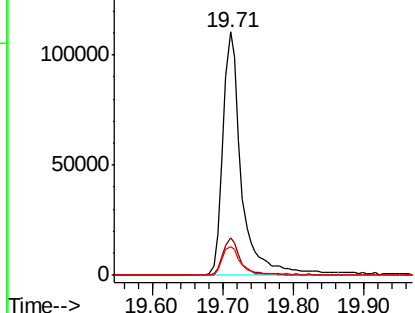
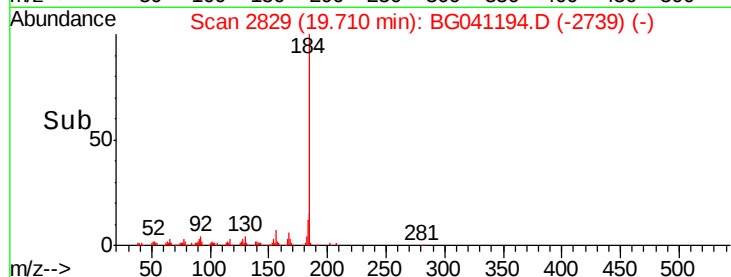
184 100

185 15.5 13.3 19.9

183 11.5 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: 43.079 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

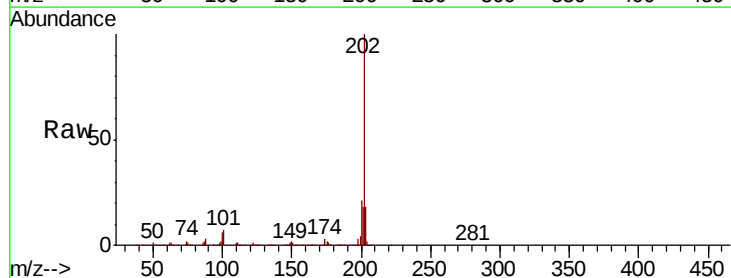
Tgt Ion:202 Resp: 717999

Ion Ratio Lower Upper

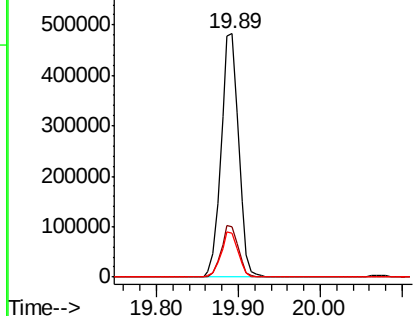
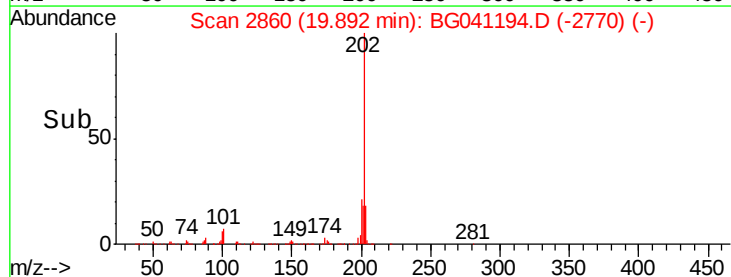
202 100

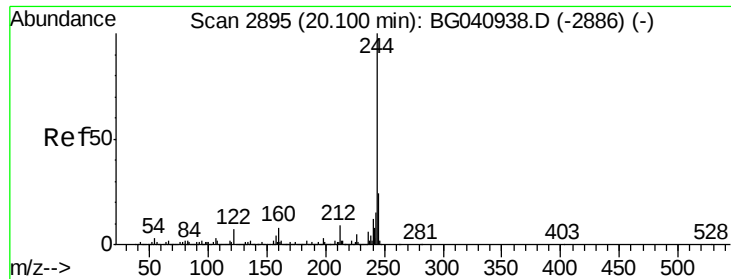
200 20.9 17.5 26.3

203 18.0 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: 89.440 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

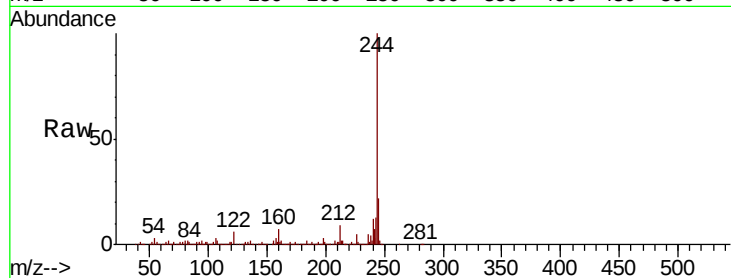
Tot Ion:244 Resp: 1080480

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

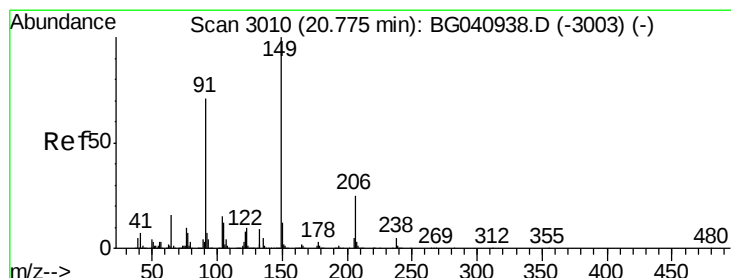
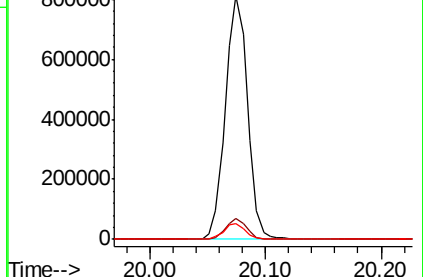
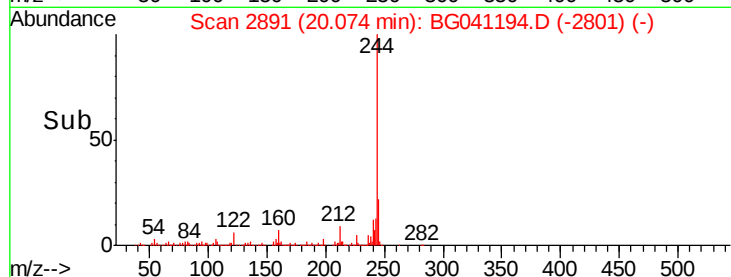
122 6.3 5.4 8.0



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: 41.651 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

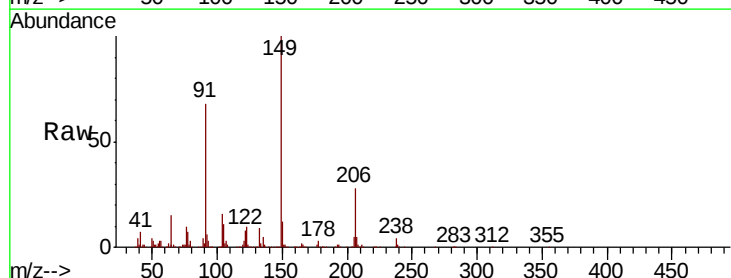
Tgt Ion:149 Resp: 270153

Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

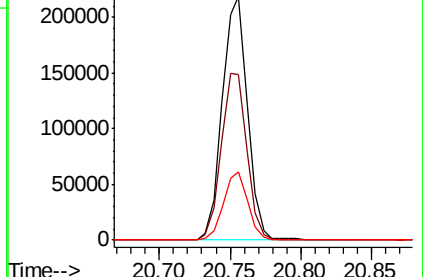
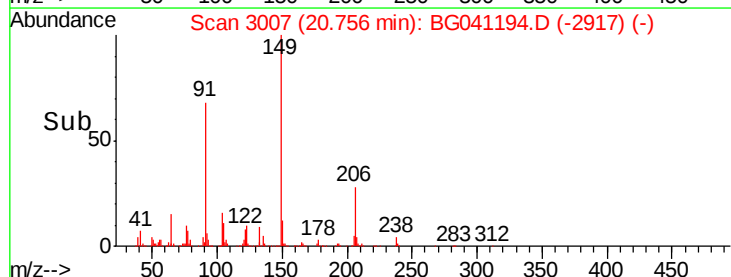
206 28.2 20.3 30.5

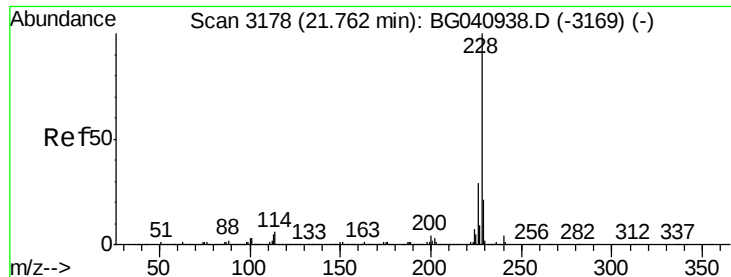


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.543 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampled :

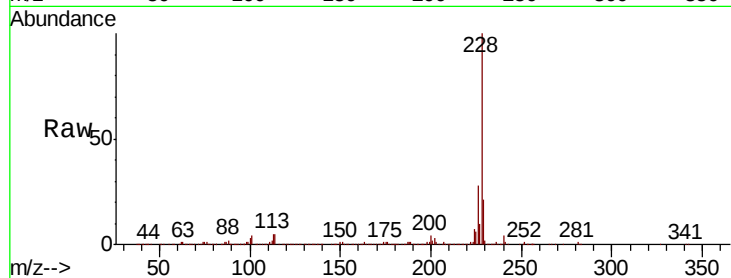
Tot Ion:228 Resp: 709010

Ion Ratio Lower Upper

228 100

226 27.9 23.5 35.3

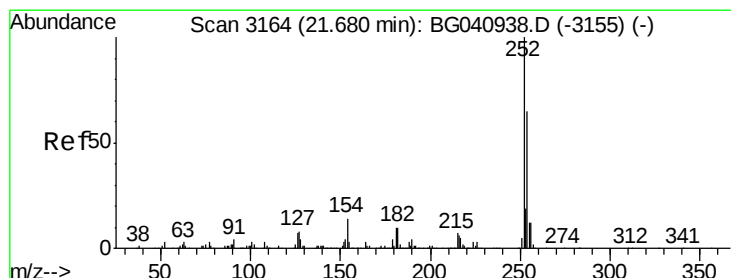
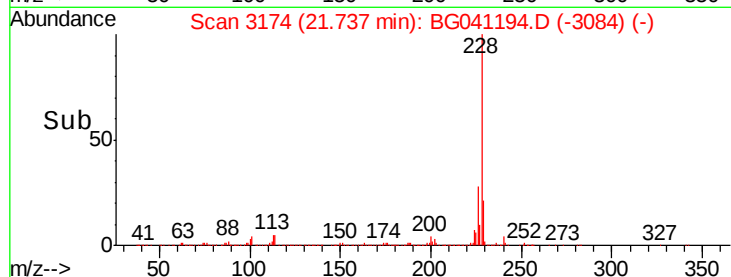
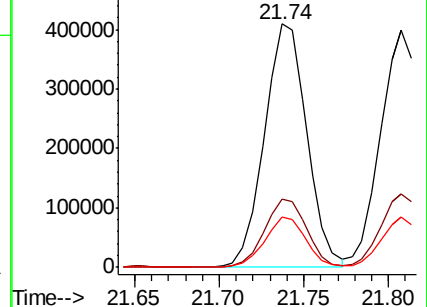
229 20.9 16.7 25.1



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: 38.497 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

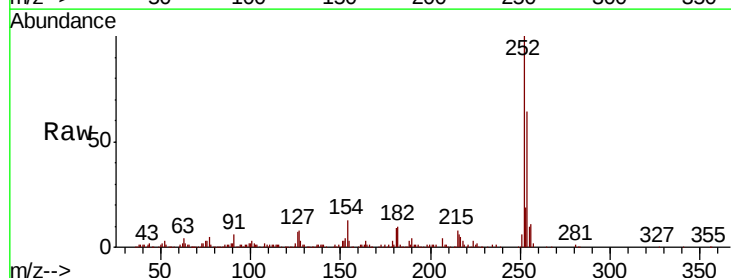
Tgt Ion:252 Resp: 231091

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

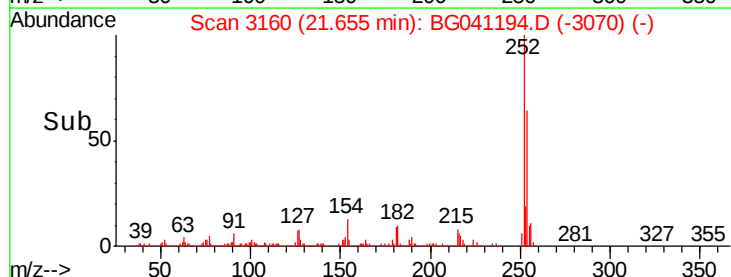
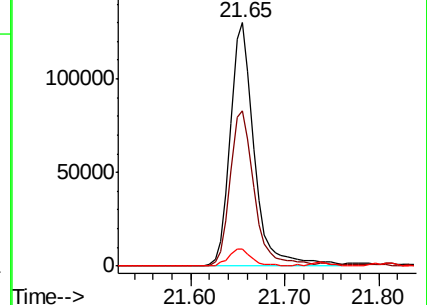
126 7.2 5.5 8.3



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: 41.736 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampled :

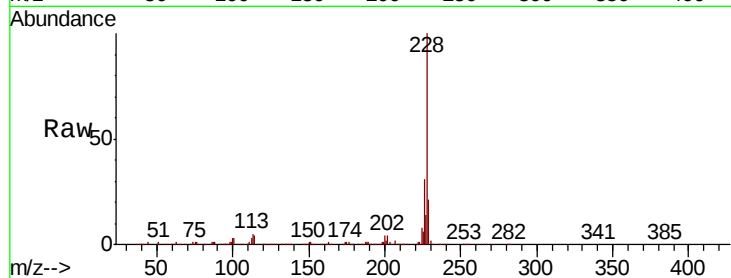
Tot Ion:228 Resp: 681654

Ion Ratio Lower Upper

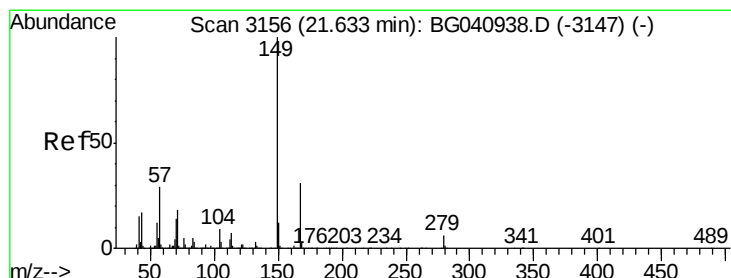
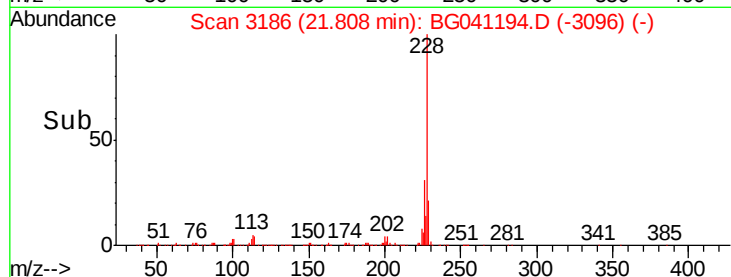
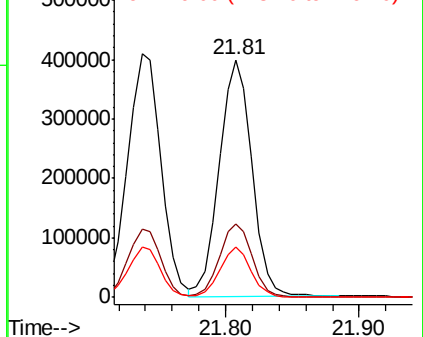
228 100

226 30.7 24.6 37.0

229 21.1 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: 41.155 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

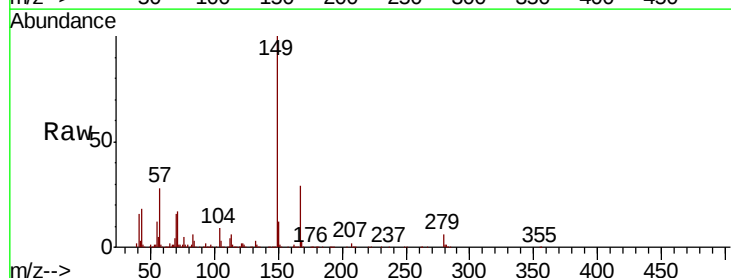
Tgt Ion:149 Resp: 375769

Ion Ratio Lower Upper

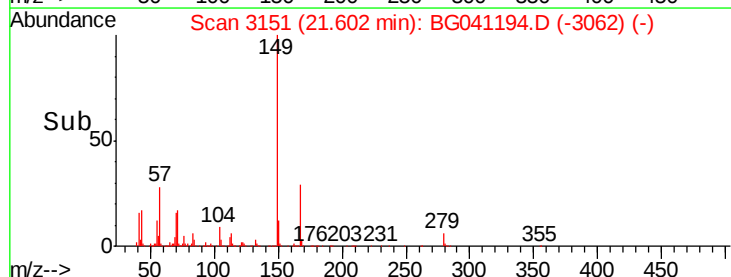
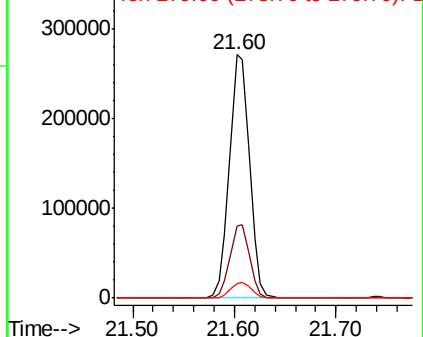
149 100

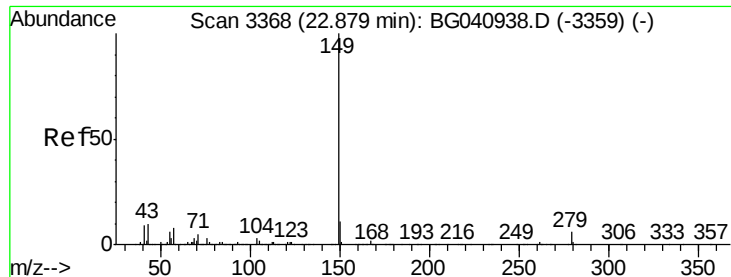
167 29.4 24.6 37.0

279 5.9 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

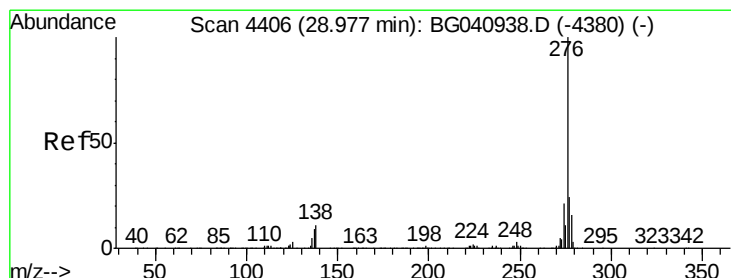
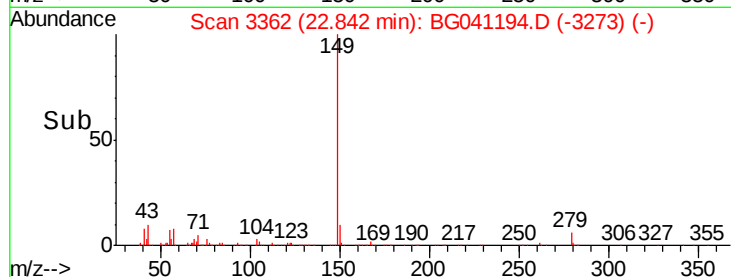
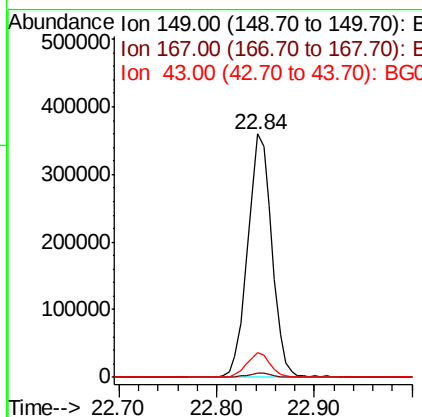
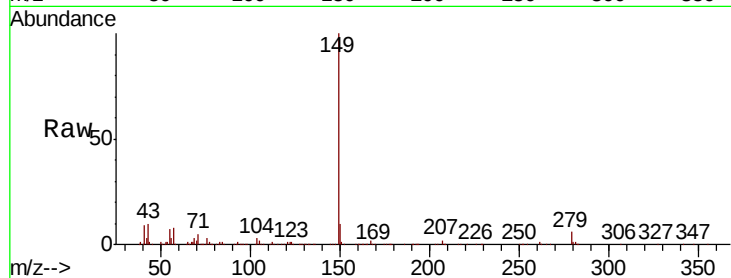




#85
Di-n-octyl phthalate
Concen: 41.157 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

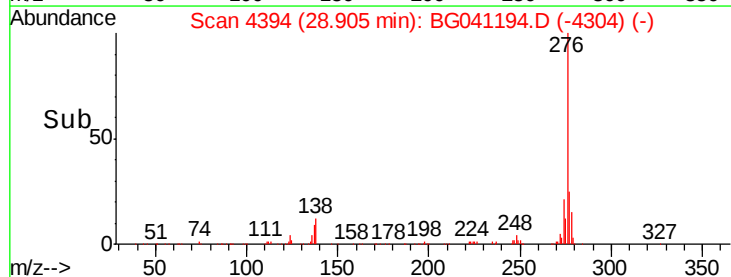
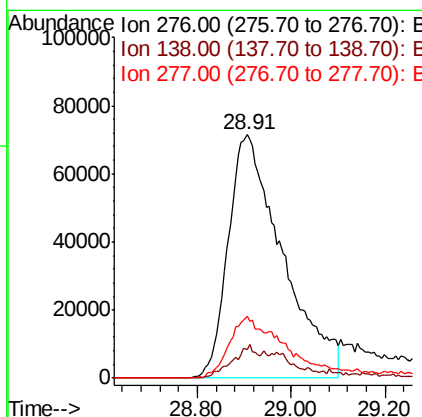
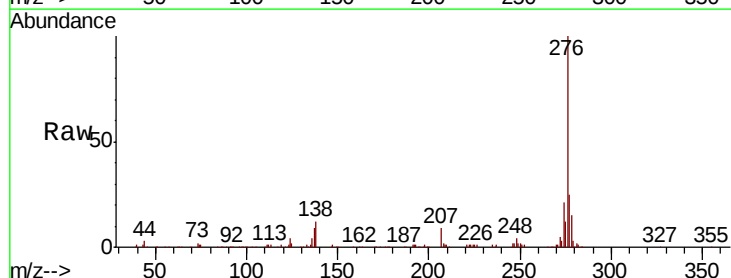
Instrument :
BNA_G
ClientSampleId :

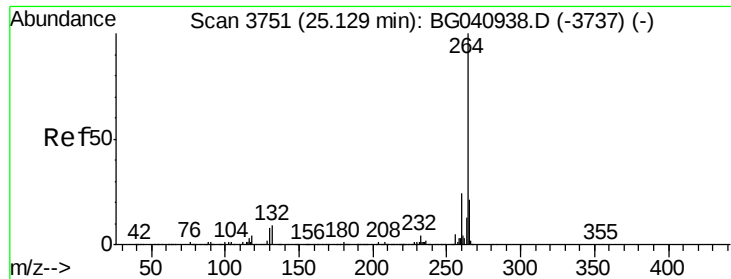
Tot Ion:149 Resp: 625848
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.8 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 28.622 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:276 Resp: 572633
Ion Ratio Lower Upper
276 100
138 6.3 5.7 8.5
277 26.4 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

Instrument :

BNA_G

ClientSampleId :

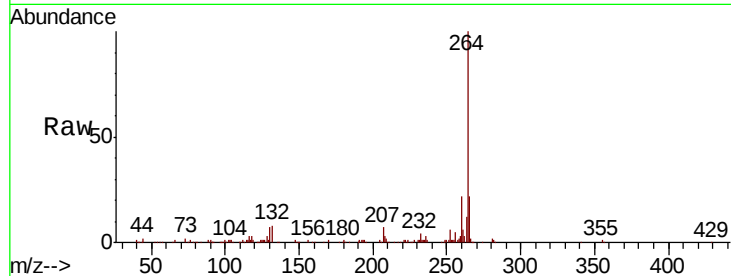
Tot Ion:264 Resp: 259229

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 21.7 17.0 25.4

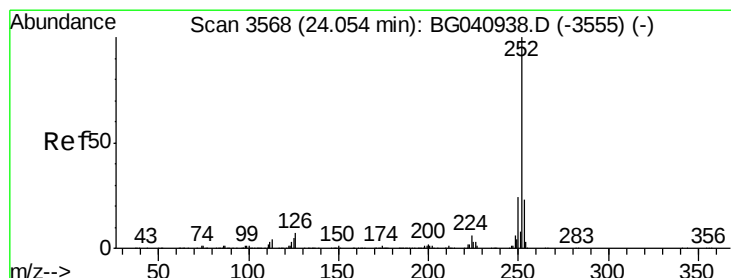
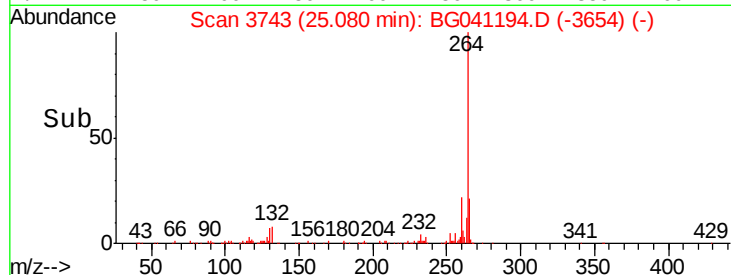
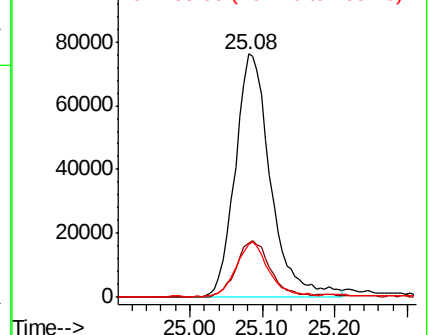


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 42.275 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041194.D

Acq: 11 Jun 2019 18:00

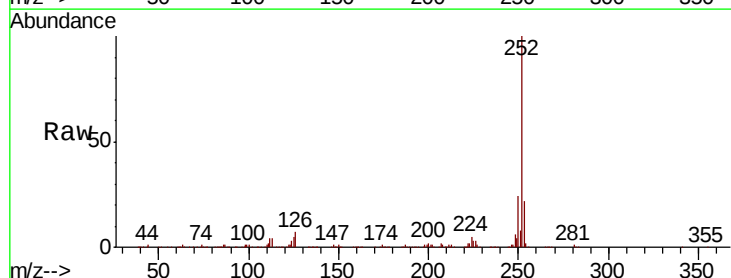
Tgt Ion:252 Resp: 664702

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 4.8 4.3 6.5

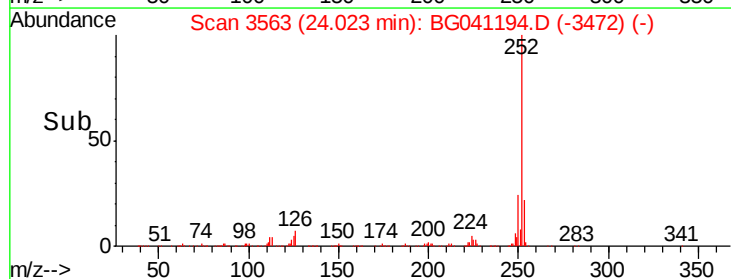
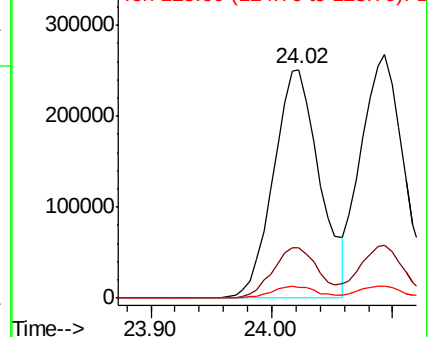


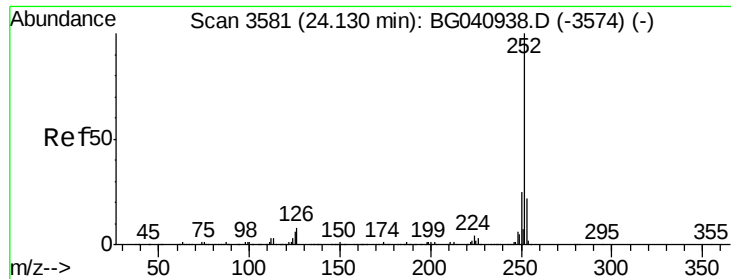
Abundance

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

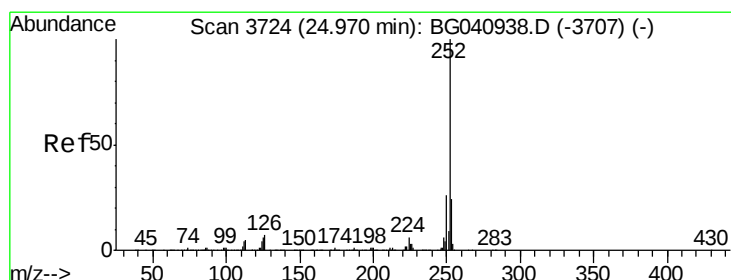
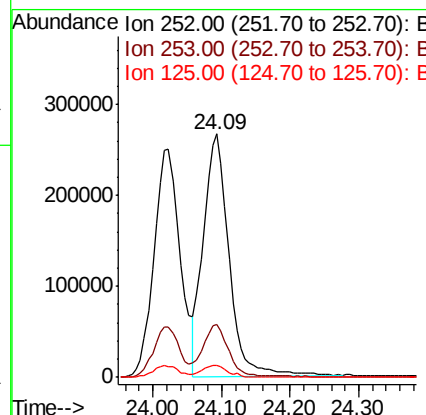
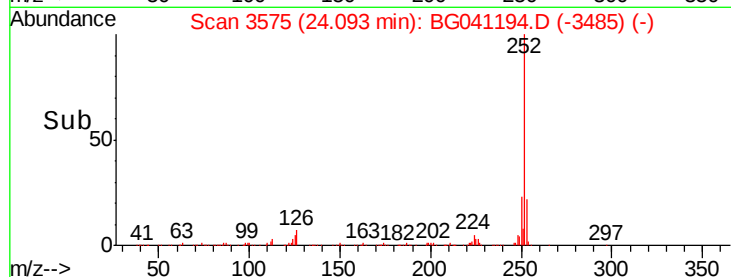
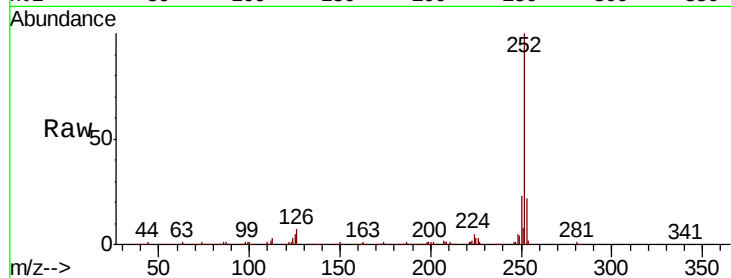




#89
Benzo(k)fluoranthene
Concen: 44.581 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

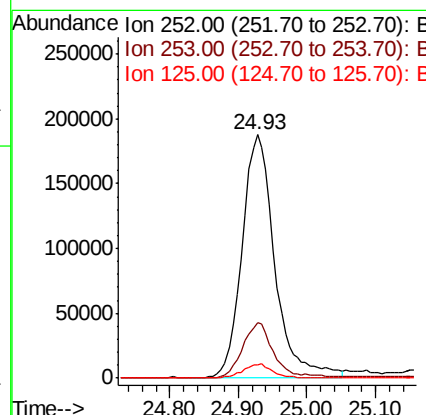
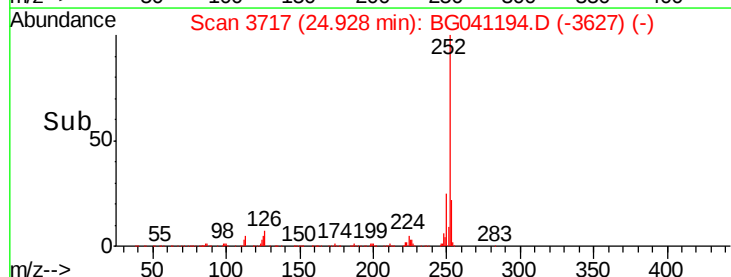
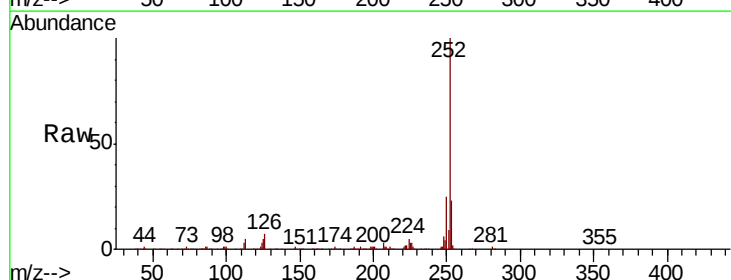
Instrument :
BNA_G
ClientSampleId :

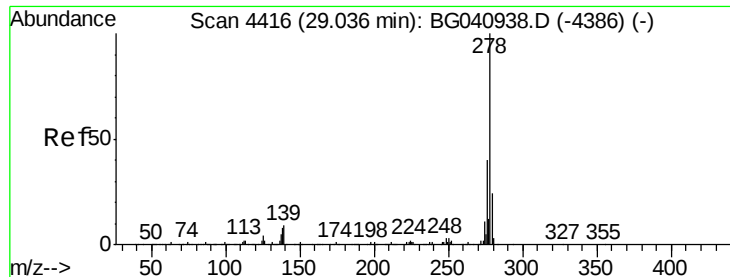
Tot Ion:252 Resp: 693636
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 5.0 4.7 7.1



#90
Benzo(a)pyrene
Concen: 41.200 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:252 Resp: 618045
Ion Ratio Lower Upper
252 100
253 22.6 19.5 29.3
125 5.4 5.1 7.7



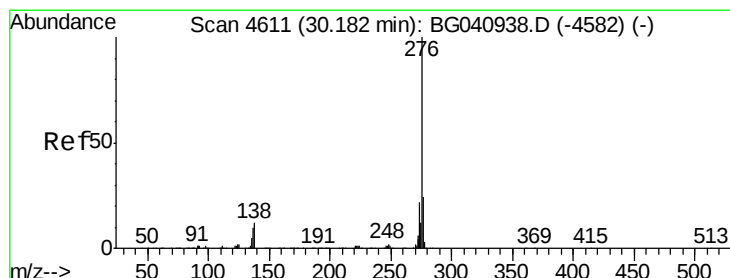
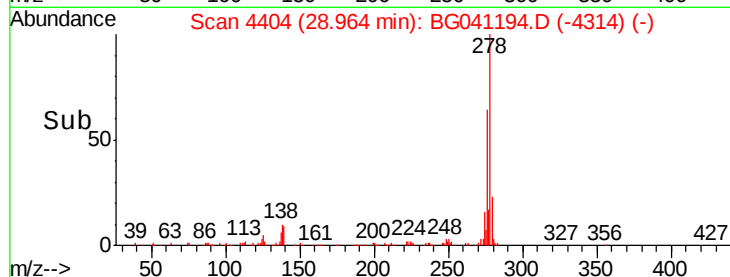
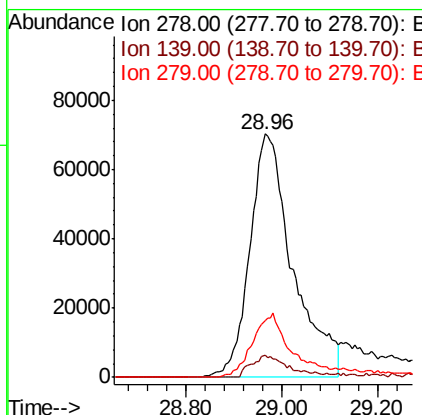
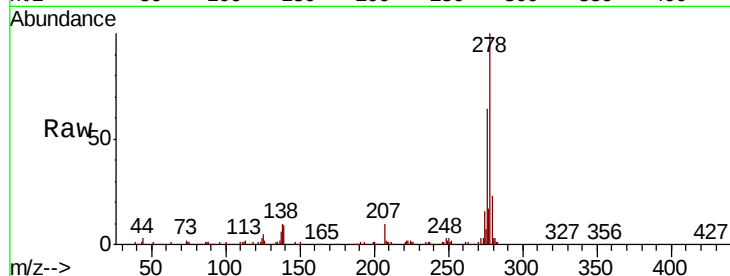


#91
Dibenzo(a,h)anthracene
Concen: 29.258 ng
RT: 28.96 min Scan# 4404
Delta R.T. 0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 438558

Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.1	10.7
279	23.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 30.190 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041194.D
Acq: 11 Jun 2019 18:00

Tgt Ion:276 Resp: 439633

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	11.0	9.7	14.5

