

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041031.D
 Acq On : 3 Jun 2019 13:05
 Operator : HP/JU
 Sample : K3010-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 15:27:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59214	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	231820	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168110	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418089	20.00	ng	0.00
76) Chrysene-d12	21.78	240	417414	20.00	ng	0.00
87) Perylene-d12	25.11	264	446648	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	473439	144.17	ng	0.00
7) Phenol-d6	7.27	99	688169	135.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	470061	90.02	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	351512	140.85	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1022607	87.60	ng	0.00
79) Terphenyl-d14	20.09	244	1725859	87.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	52411	35.172	ng	# 92
3) Pyridine	3.93	79	51670	11.719	ng	93
4) n-Nitrosodimethylamine	3.85	42	89040	43.511	ng	87
6) Aniline	7.45	93	85056	12.565	ng	97
8) 2-Chlorophenol	7.68	128	174855	44.664	ng	97
9) Benzaldehyde	7.26	77	113104	37.386	ng	86
10) Phenol	7.29	94	248873	45.768	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	168165	42.630	ng	95
12) 1,3-Dichlorobenzene	8.01	146	188537	40.322	ng	96
13) 1,4-Dichlorobenzene	8.15	146	192372	40.645	ng	95
14) 1,2-Dichlorobenzene	8.48	146	186292	40.538	ng	98
15) Benzyl Alcohol	8.36	79	207818	44.298	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	262763	40.764	ng	100
17) 2-Methylphenol	8.55	107	169013	42.928	ng	99
18) Hexachloroethane	9.20	117	75158	41.201	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	159890	40.968	ng	96
20) 3+4-Methylphenols	8.88	107	230649	42.292	ng	99
22) Acetophenone	8.95	105	304745	46.863	ng	97
24) Nitrobenzene	9.34	77	243886	45.830	ng	98
25) Isophorone	9.86	82	450672	45.350	ng	98
26) 2-Nitrophenol	10.05	139	109105	49.733	ng	90
27) 2,4-Dimethylphenol	10.09	122	184041	50.795	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	240507	44.840	ng	98
29) 2,4-Dichlorophenol	10.58	162	209489	45.531	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	231033	44.140	ng	93
31) Naphthalene	10.99	128	563384	45.264	ng	100
32) Benzoic acid	10.19	122	39566	19.795	ng	95
33) 4-Chloroaniline	11.10	127	60116	10.410	ng	93
34) Hexachlorobutadiene	11.25	225	172595	43.096	ng	99
35) Caprolactam	11.89	113	33180	21.838	ng	94
36) 4-Chloro-3-methylphenol	12.21	107	241316	45.924	ng	99
37) 2-Methylnaphthalene	12.59	142	424162	44.247	ng	98
38) 1-Methylnaphthalene	12.81	142	400895	44.379	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	309951	45.744	ng	98

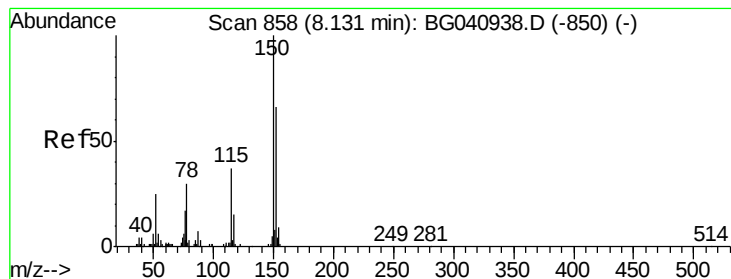
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041031.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	334505	90.621	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	204281	46.604	nq	99
44) 2,4,5-Trichlorophenol	13.26	196	218840	47.339	nq	98
46) 1,1'-Biphenyl	13.59	154	579468	46.567	nq	99
47) 2-Chloronaphthalene	13.63	162	471277	44.115	nq	96
48) 2-Nitroaniline	13.84	65	176388	46.025	nq	94
49) Acenaphthylene	14.48	152	727051	45.219	nq	99
50) Dimethylphthalate	14.20	163	718262	50.473	nq	99
51) 2,6-Dinitrotoluene	14.33	165	142897	46.573	nq	95
52) Acenaphthene	14.82	154	435001	44.661	nq	99
53) 3-Nitroaniline	14.66	138	67999	22.163	nq	91
54) 2,4-Dinitrophenol	14.86	184	90883	63.042	nq	93
55) Dibenzofuran	15.15	168	743076	45.339	nq	99
56) 4-Nitrophenol	14.96	139	218621	103.885	nq	90
57) 2,4-Dinitrotoluene	15.11	165	200851	46.342	nq	97
58) Fluorene	15.80	166	583436	44.700	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	223016	49.090	nq	98
60) Diethylphthalate	15.55	149	628412	43.271	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	364339	42.946	nq	95
62) 4-Nitroaniline	15.83	138	140306	43.196	nq	96
63) Azobenzene	16.07	77	585299	44.342	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	103990	46.700	nq	96
66) n-Nitrosodiphenylamine	16.00	169	533631	45.404	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	243291	43.119	nq	97
68) Hexachlorobenzene	16.79	284	252222	41.980	nq	98
69) Atrazine	16.94	200	225660	49.760	nq	96
70) Pentachlorophenol	17.14	266	296896	91.594	nq	97
71) Phenanthrene	17.54	178	980385	45.018	nq	98
72) Anthracene	17.63	178	1008250	46.942	nq	100
73) Carbazole	17.90	167	895056	48.566	nq	99
74) Di-n-butylphthalate	18.43	149	1011451	44.157	nq	98
75) Fluoranthene	19.54	202	1252503	46.563	nq	97
77) Benzidine	19.72	184	102786	10.322	nq	97
78) Pyrene	19.90	202	1259896	46.431	nq	99
80) Butylbenzylphthalate	20.77	149	489938	46.397	nq	97
81) Benzo(a)anthracene	21.75	228	1242223	44.707	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	183185	18.744	nq	97
83) Chrysene	21.82	228	1208248	45.440	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	673303	45.295	nq	100
85) Di-n-octyl phthalate	22.87	149	1138082	45.970	nq	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1486652	45.642	nq	# 98
88) Benzo(b)fluoranthene	24.05	252	1263128	46.626	nq	99
89) Benzo(k)fluoranthene	24.12	252	1219454	45.488	nq	98
90) Benzo(a)pyrene	24.96	252	1227465	47.491	nq	98
91) Dibenzo(a,h)anthracene	29.02	278	1219753	47.229	nq	99
92) Benzo(g,h,i)perylene	30.16	276	1215485	48.444	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

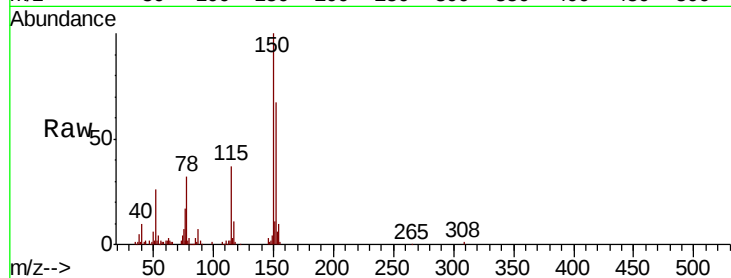
Tot Ion:152 Resp: 59214

Ion Ratio Lower Upper

152 100

150 149.4 120.6 180.8

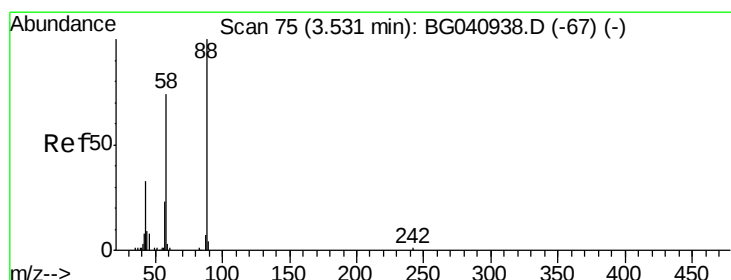
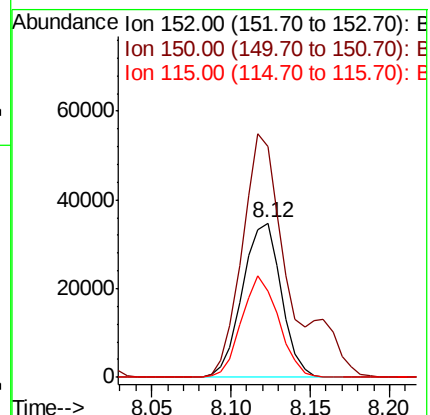
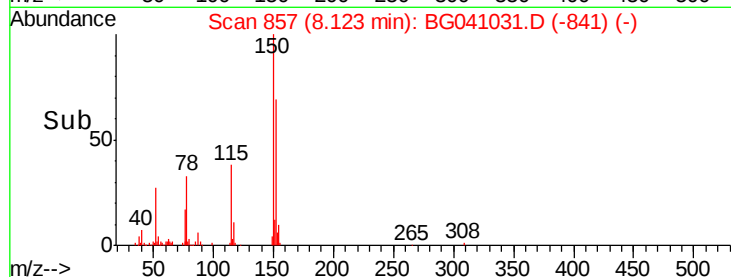
115 55.6 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.172 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

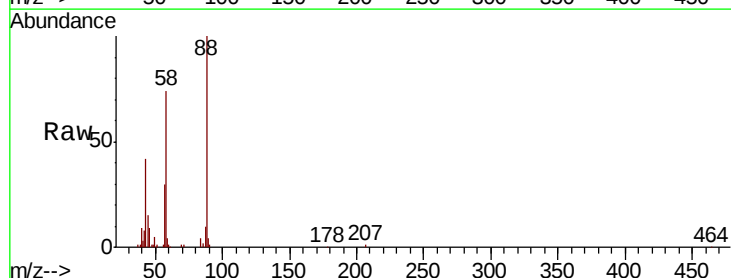
Tgt Ion: 88 Resp: 52411

Ion Ratio Lower Upper

88 100

58 78.9 59.0 88.6

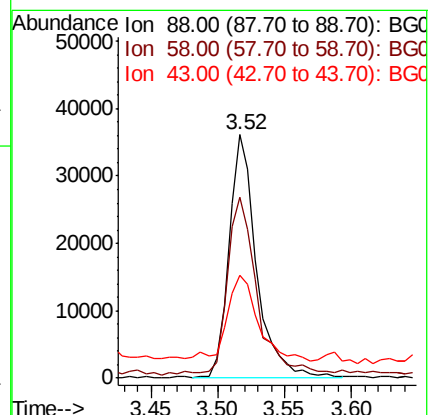
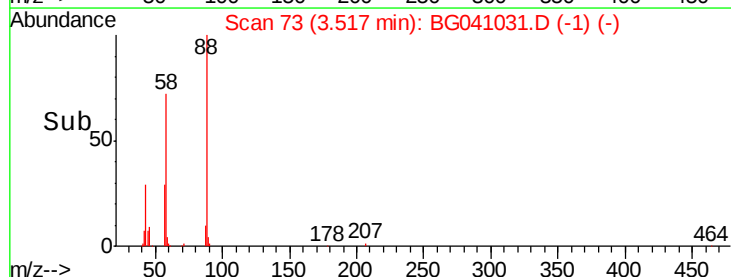
43 41.2 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.719 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

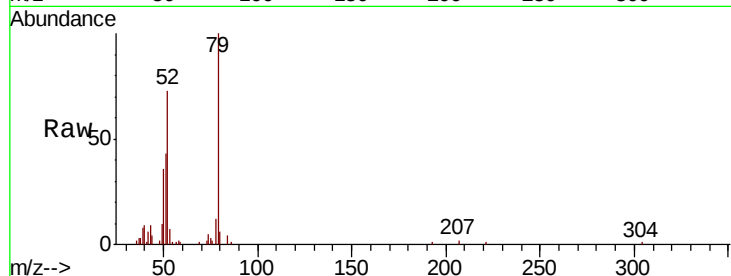
Tot Ion: 79 Resp: 51670

Ion Ratio Lower Upper

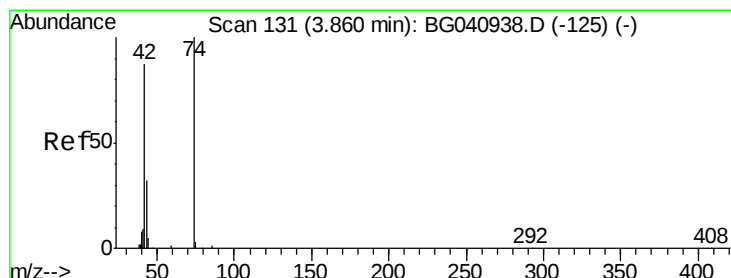
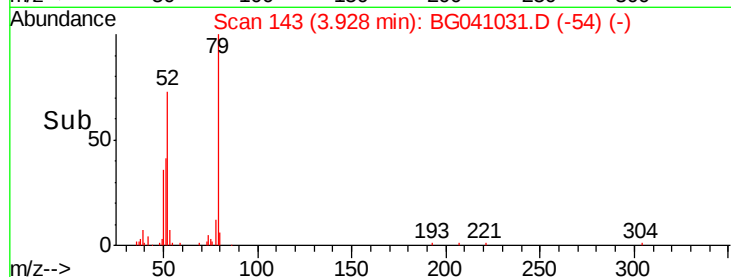
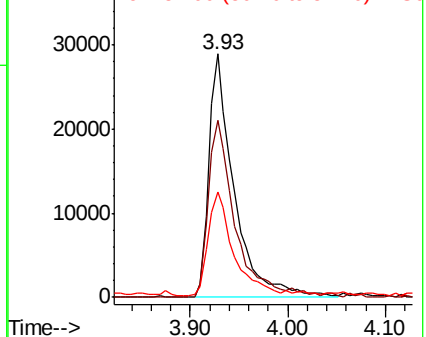
79 100

52 72.8 64.8 97.2

51 43.1 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.511 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

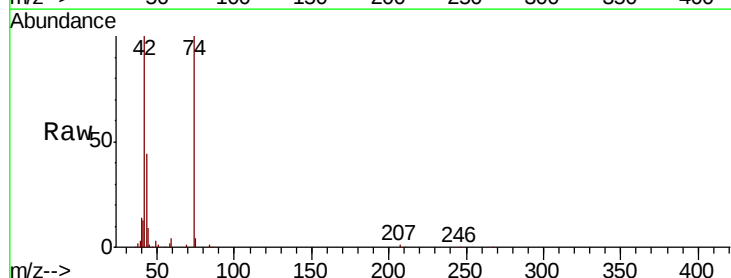
Tgt Ion: 42 Resp: 89040

Ion Ratio Lower Upper

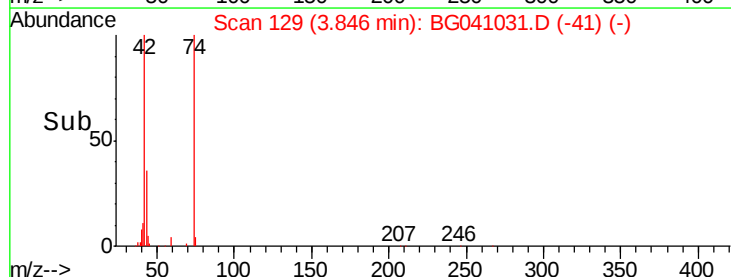
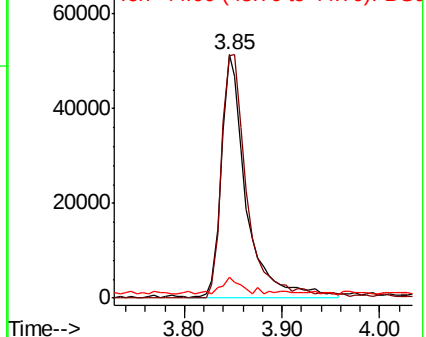
42 100

74 99.8 91.8 137.6

44 8.7 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 144.174 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

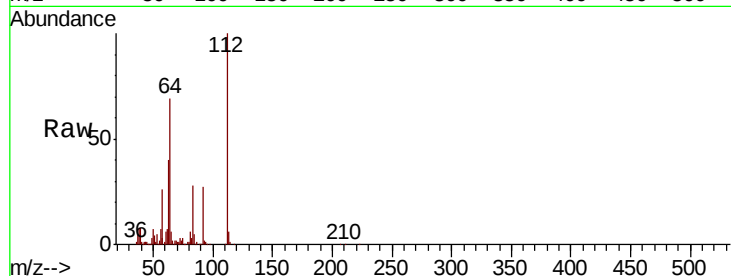
Tot Ion:112 Resp: 473439

Ion Ratio Lower Upper

112 100

64 68.9 56.2 84.2

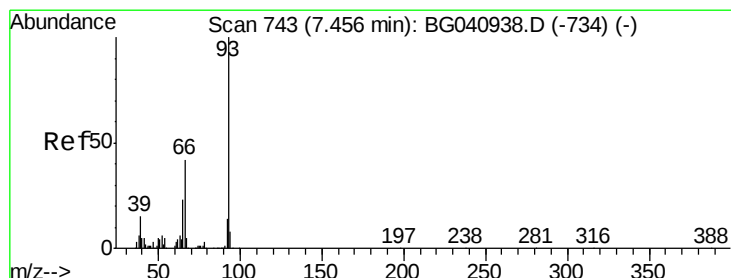
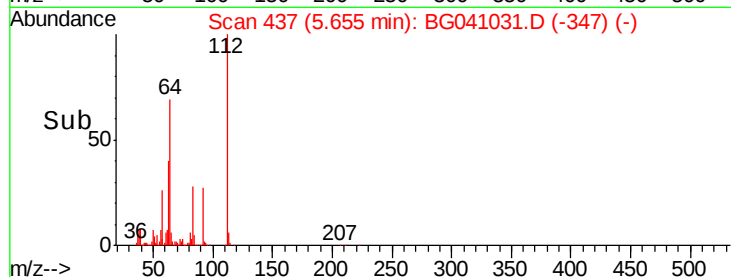
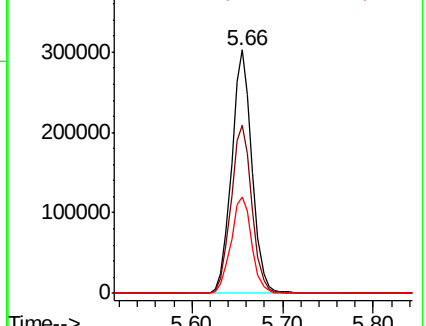
63 39.8 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.565 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

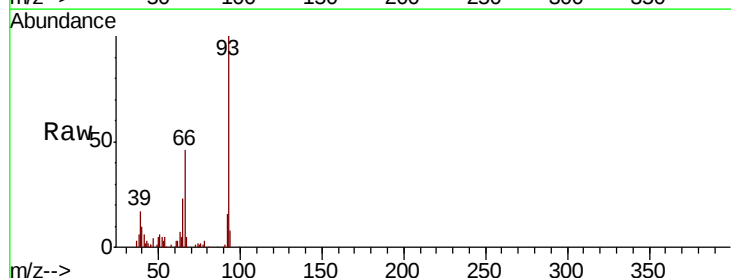
Tgt Ion: 93 Resp: 85056

Ion Ratio Lower Upper

93 100

66 45.6 33.8 50.8

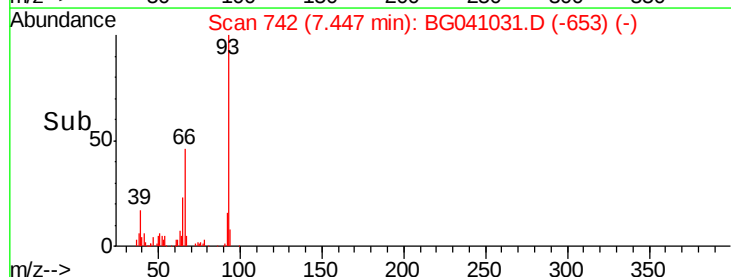
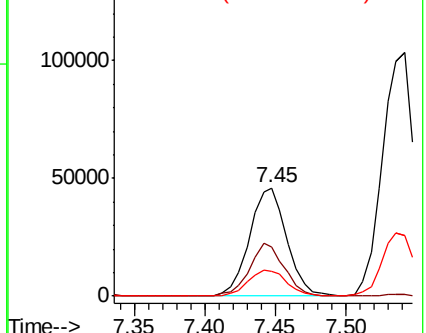
65 22.9 18.3 27.5

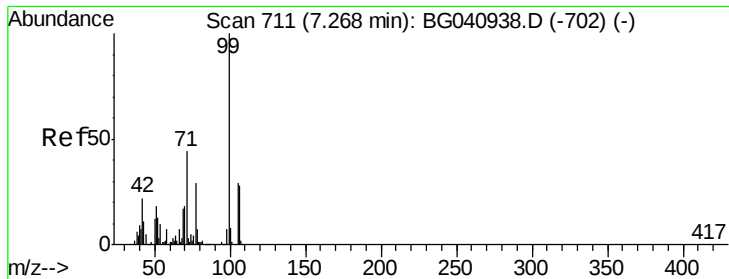


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.693 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampled :

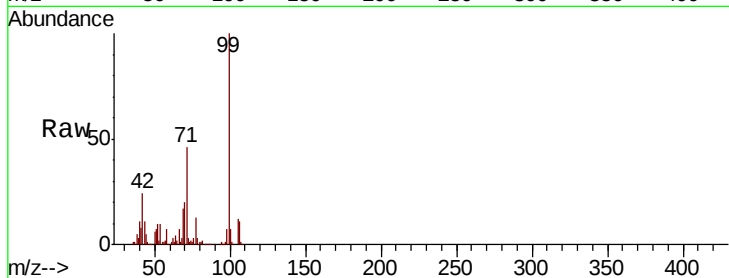
Tot Ion: 99 Resp: 688169

Ion Ratio Lower Upper

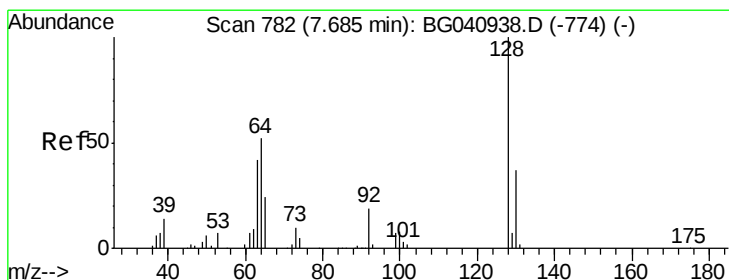
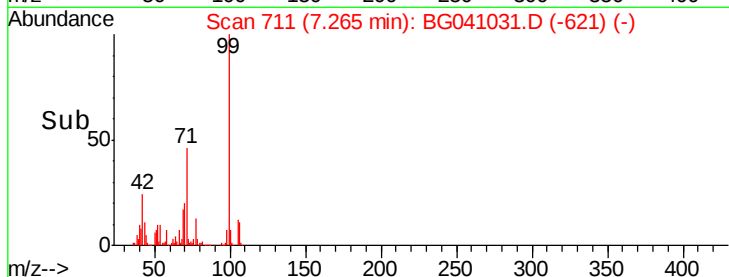
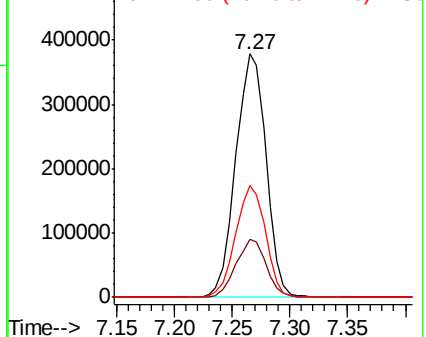
99 100

42 23.7 17.9 26.9

71 45.7 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: 44.664 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

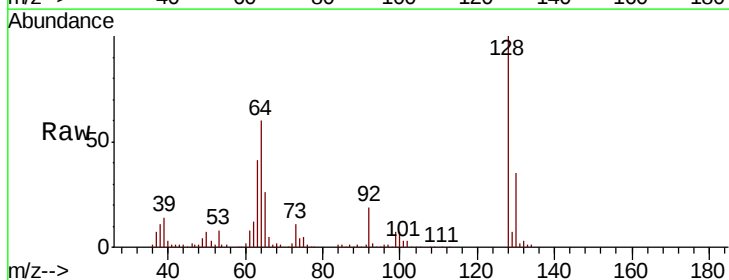
Tgt Ion: 128 Resp: 174855

Ion Ratio Lower Upper

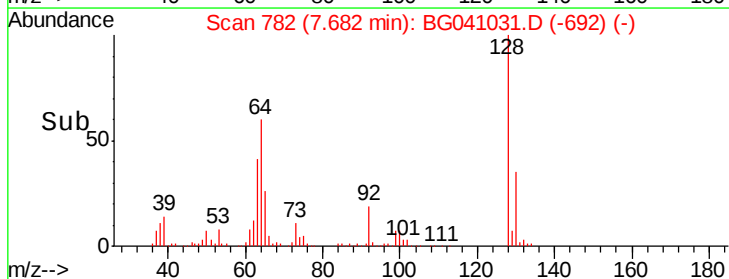
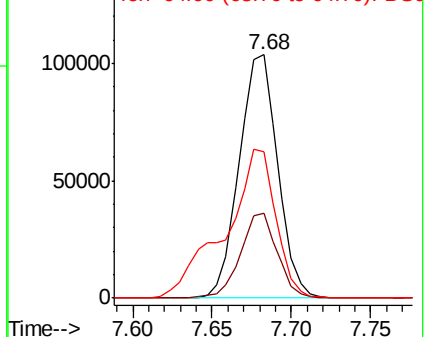
128 100

130 34.7 16.6 56.6

64 59.9 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: 37.386 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

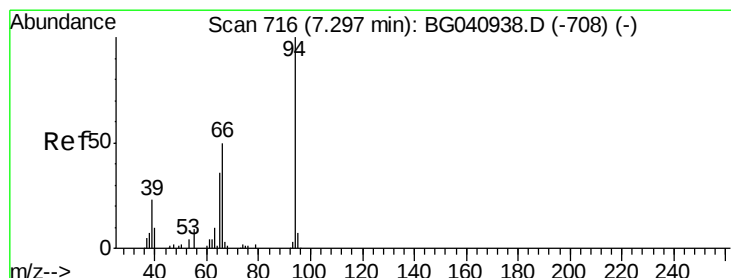
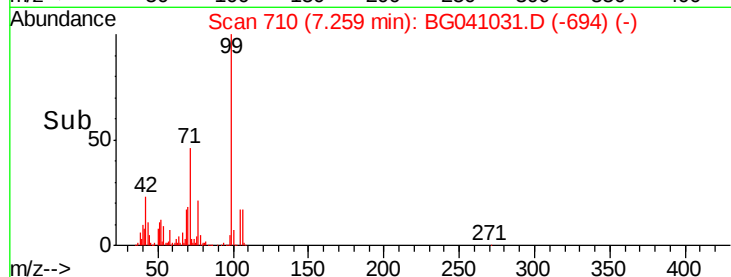
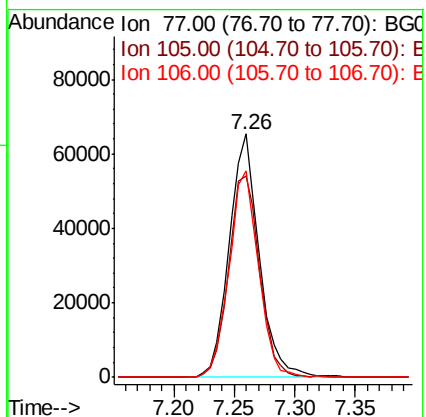
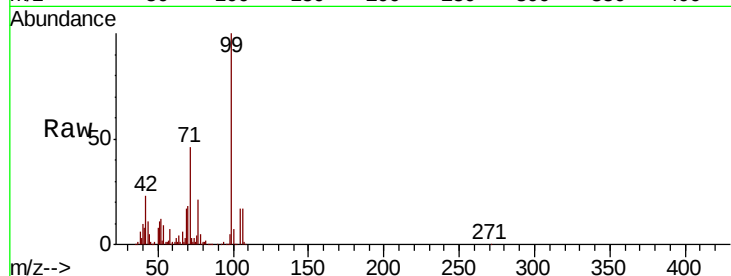
Tot Ion: 77 Resp: 113104

Ion Ratio Lower Upper

77 100

105 82.6 78.9 118.9

106 84.7 76.7 116.7



#10

Phenol

Concen: 45.768 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

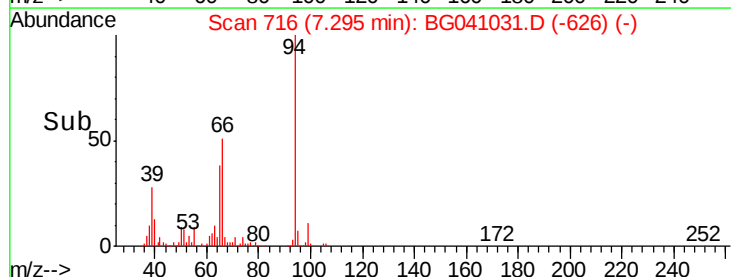
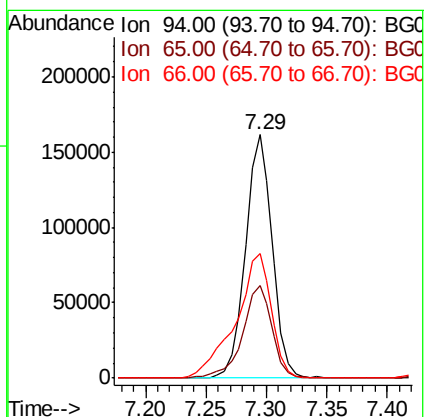
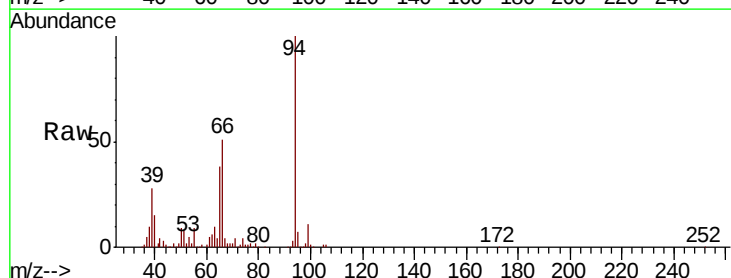
Tgt Ion: 94 Resp: 248873

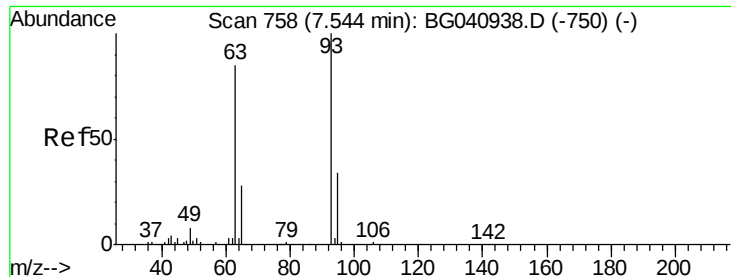
Ion Ratio Lower Upper

94 100

65 38.0 17.0 57.0

66 51.0 32.4 72.4

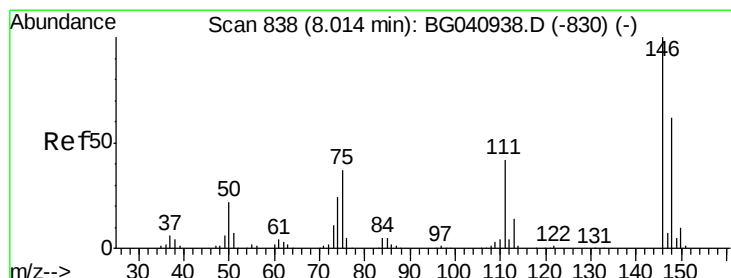
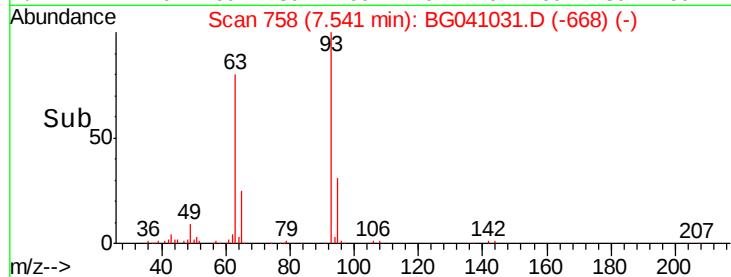
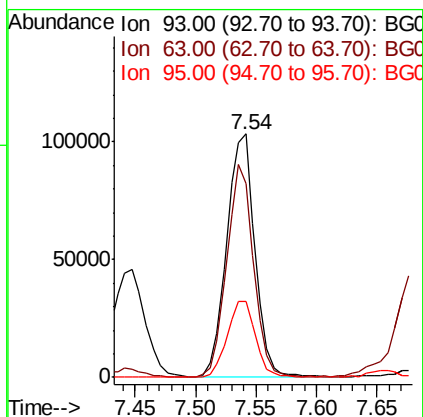
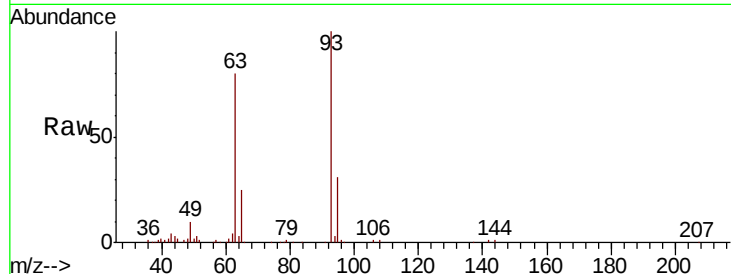




#11
bis(2-Chloroethyl)ether
Concen: 42.630 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

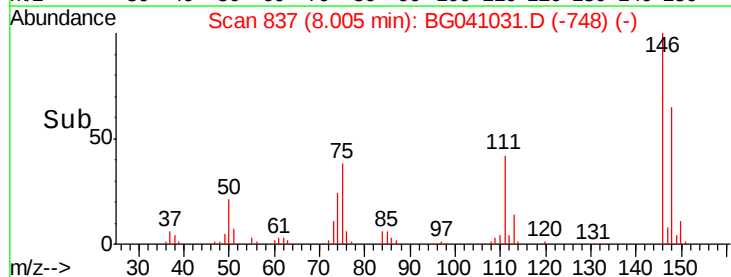
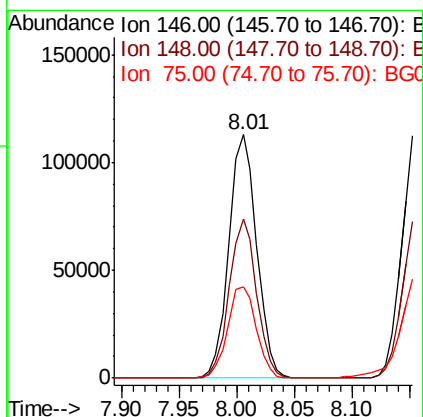
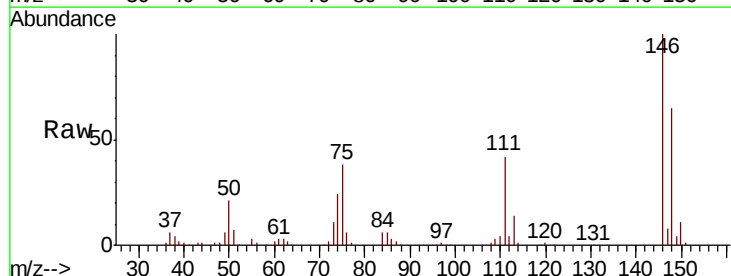
Instrument :
BNA_G
ClientSampleId :

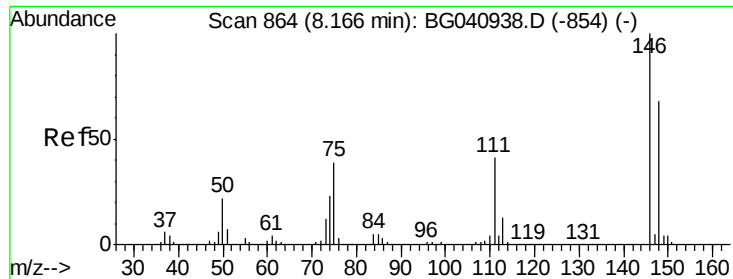
Tot Ion	93	Resp	168165
Ion Ratio	100	Lower	Upper
63	79.5	64.5	104.5
95	30.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.322 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	146	Resp	188537
Ion Ratio	100	Lower	Upper
148	65.4	49.2	73.8
75	37.6	29.4	44.0

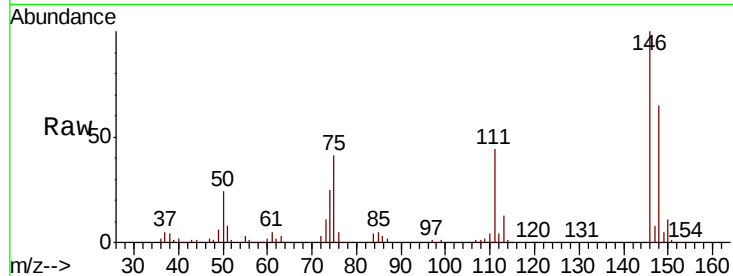




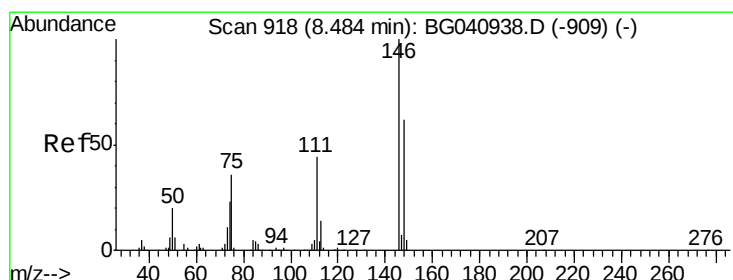
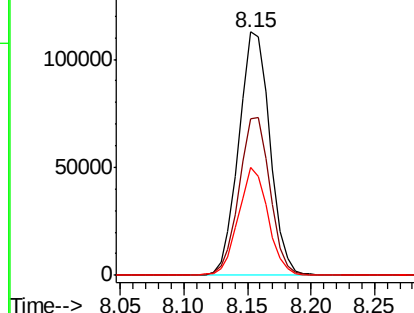
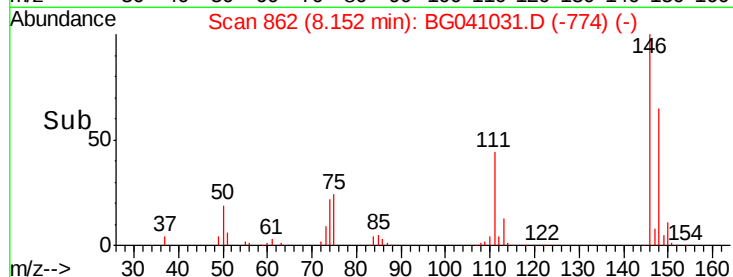
#13
 1,4-Dichlorobenzene
 Concen: 40.645 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 192372
 Ion Ratio Lower Upper
 146 100
 148 64.5 54.2 81.4
 111 44.4 32.9 49.3

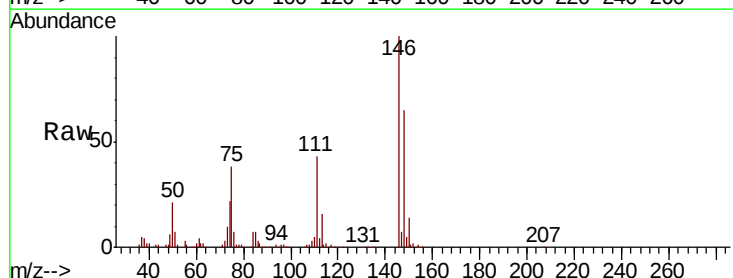


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

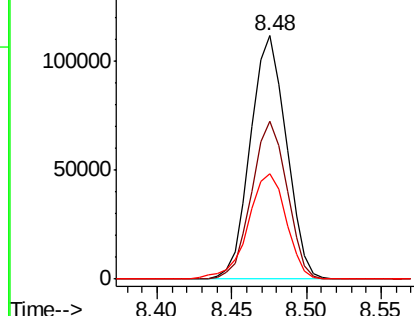
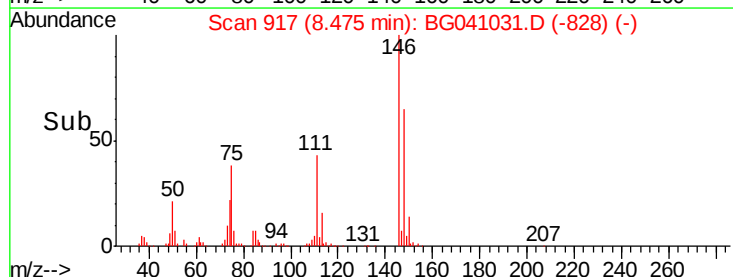


#14
 1,2-Dichlorobenzene
 Concen: 40.538 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion:146 Resp: 186292
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.8 74.6
 111 43.4 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.298 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

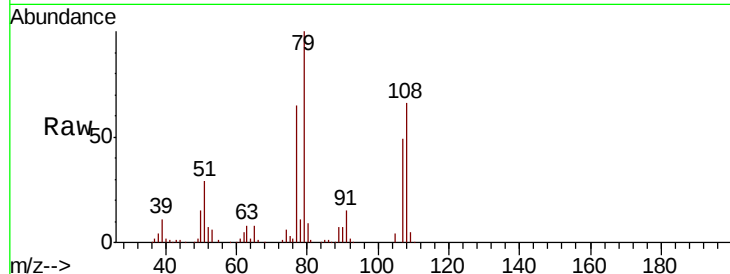
Tot Ion: 79 Resp: 207818

Ion Ratio Lower Upper

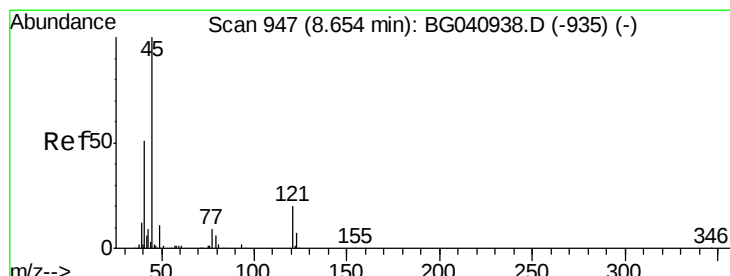
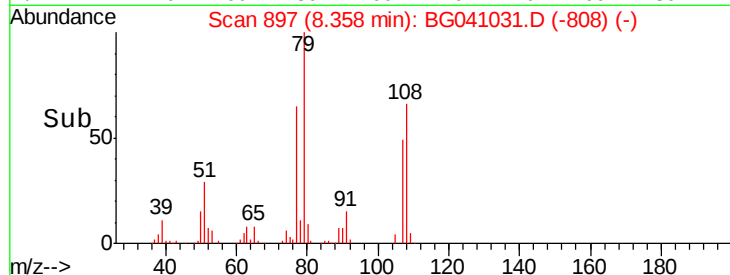
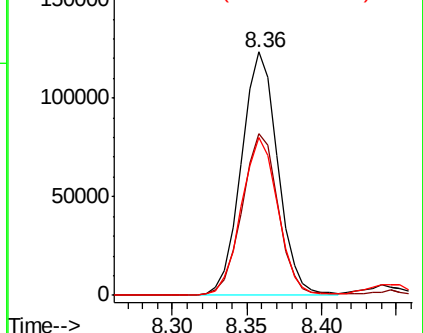
79 100

108 66.3 48.3 72.5

77 65.1 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.764 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

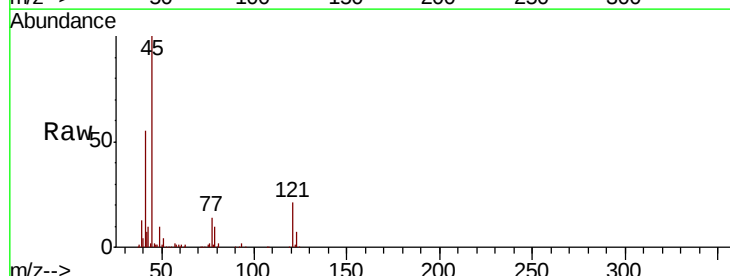
Tgt Ion: 45 Resp: 262763

Ion Ratio Lower Upper

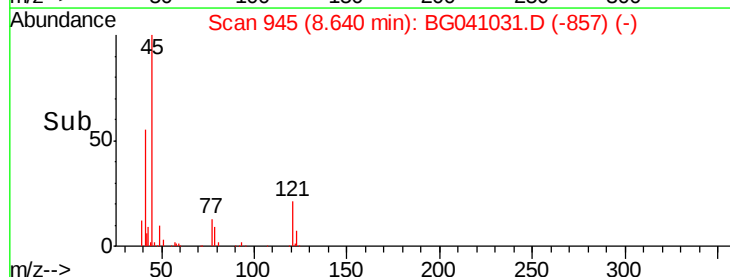
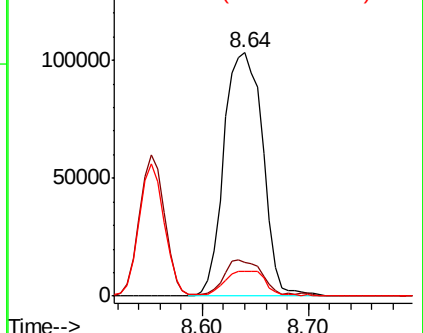
45 100

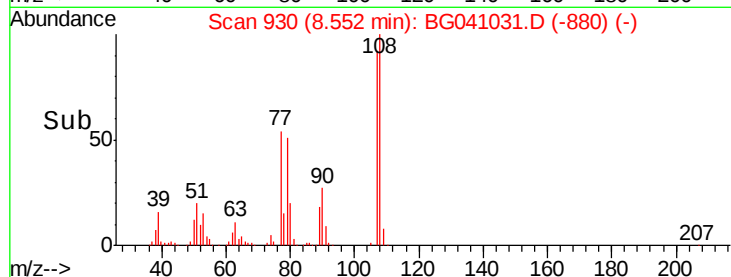
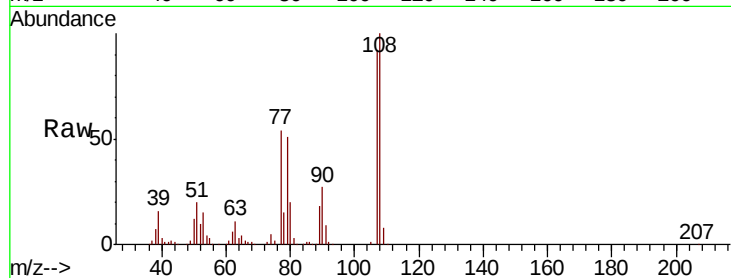
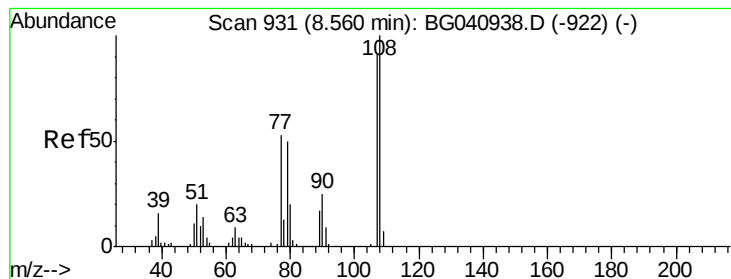
77 13.9 0.0 33.7

79 10.2 0.0 30.2



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





#17

2-Methylphenol

Concen: 42.928 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 169013

Ion Ratio Lower Upper

107 100

108 108.3 87.7 131.5

77 58.3 46.6 70.0

79 54.7 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

150000

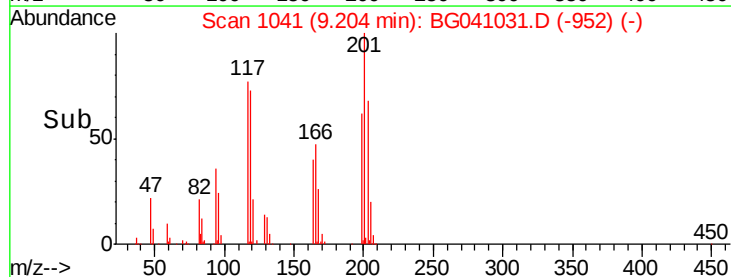
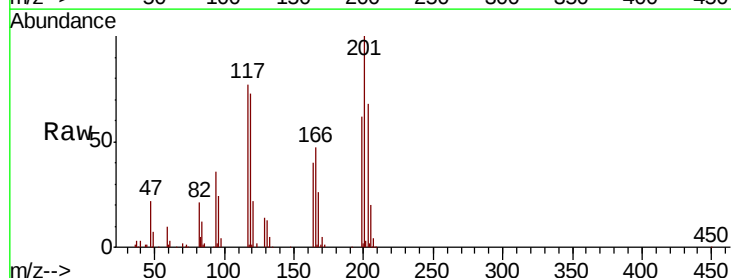
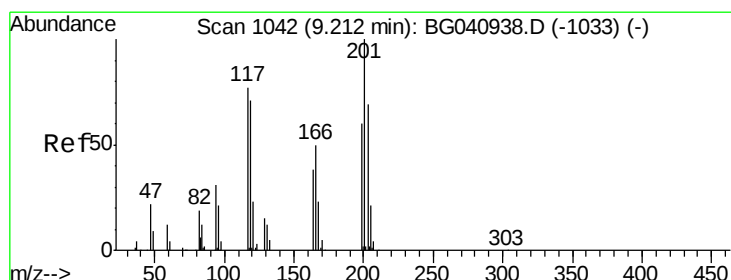
100000

50000

0

8.55

Time-->



#18

Hexachloroethane

Concen: 41.201 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:117 Resp: 75158

Ion Ratio Lower Upper

117 100

119 95.2 75.0 112.6

201 130.2 103.5 155.3

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

80000

60000

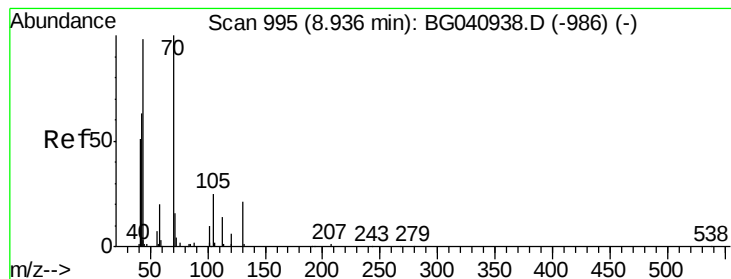
40000

20000

0

9.20

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 40.968 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 159890

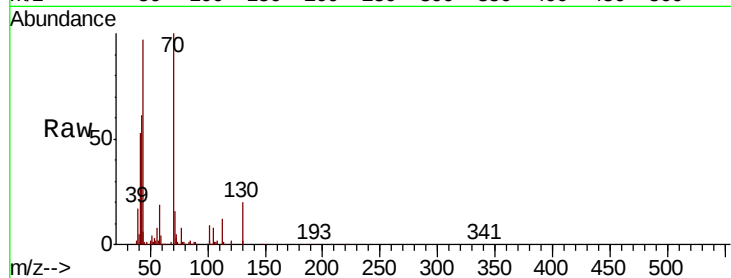
Ion Ratio Lower Upper

70 100

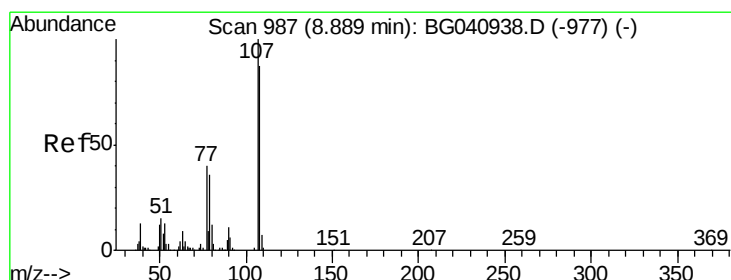
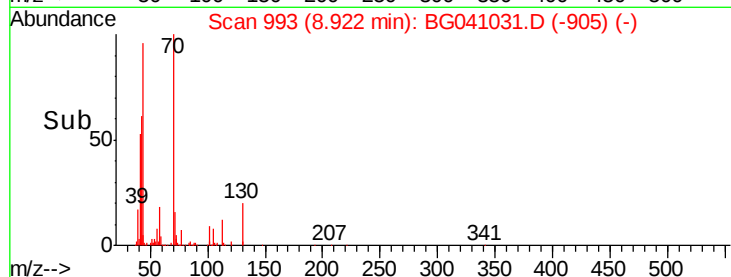
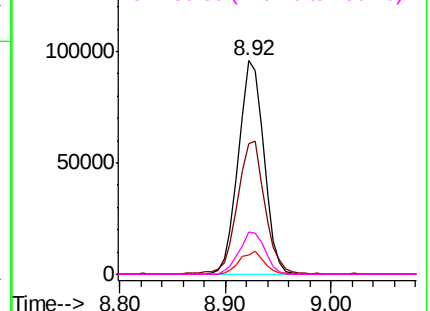
42 61.2 51.5 77.3

101 8.8 8.1 12.1

130 19.9 16.6 24.8



Abundance Ion 70.00 (69.70 to 70.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.292 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion: 107 Resp: 230649

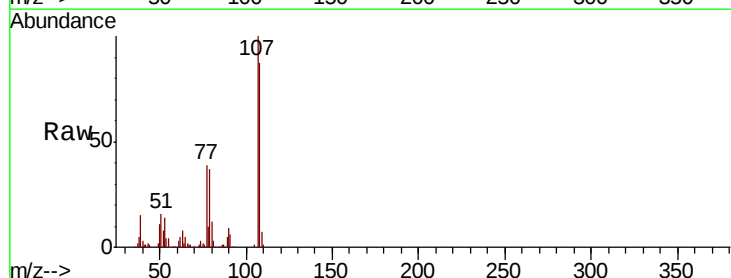
Ion Ratio Lower Upper

107 100

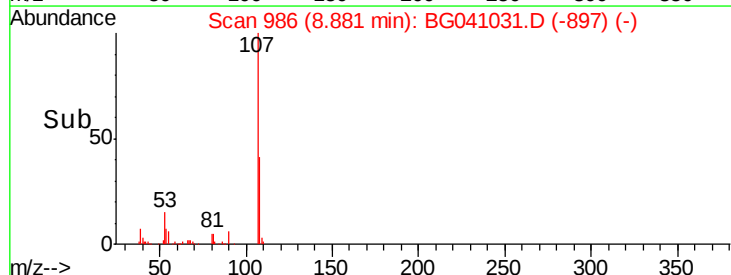
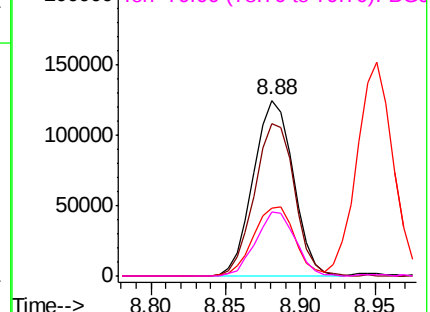
108 86.6 66.8 106.8

77 38.8 20.5 60.5

79 36.5 15.8 55.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
200000
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

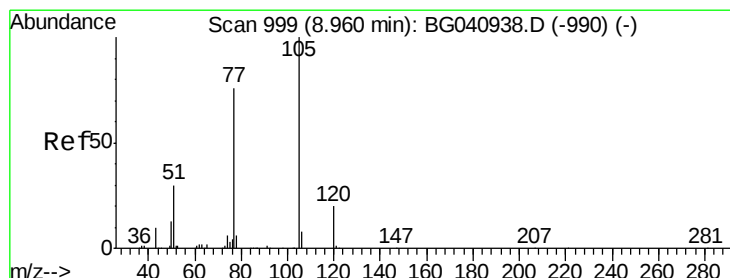
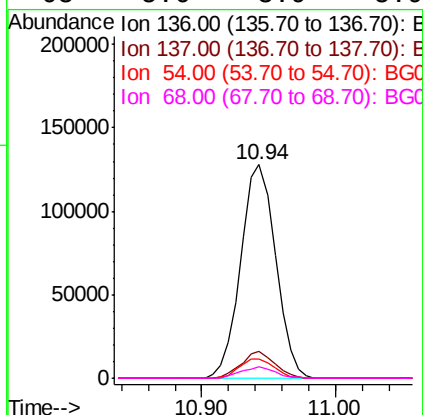
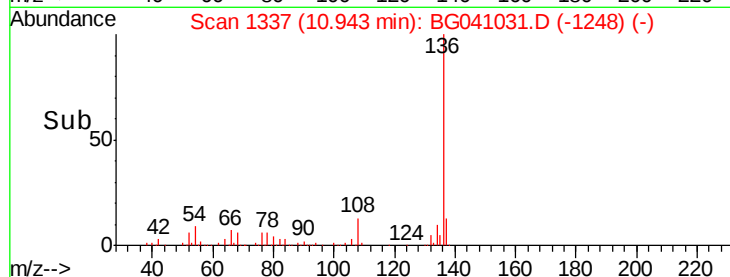
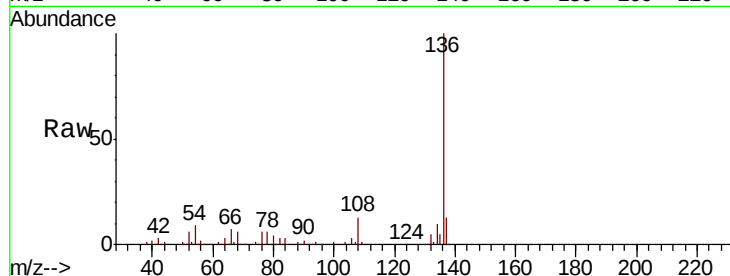




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

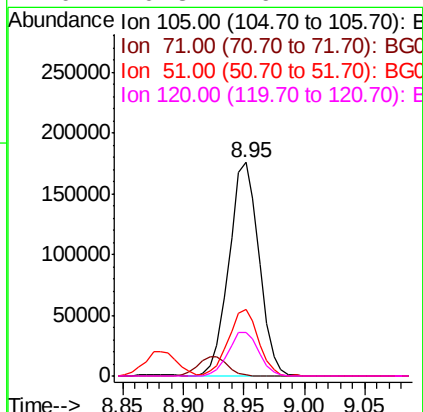
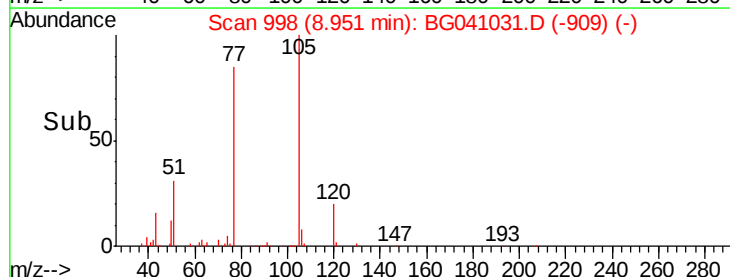
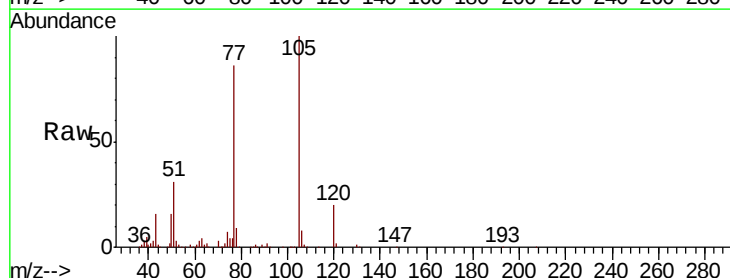
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231820
Ion Ratio	Lower	Upper
136	100	
137	12.8	9.5 14.3
54	8.8	7.6 11.4
68	5.6	3.9 5.9



#22
Acetophenone
Concen: 46.863 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:105	Resp:	304745
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	31.3	27.0 40.6
120	20.3	16.2 24.4

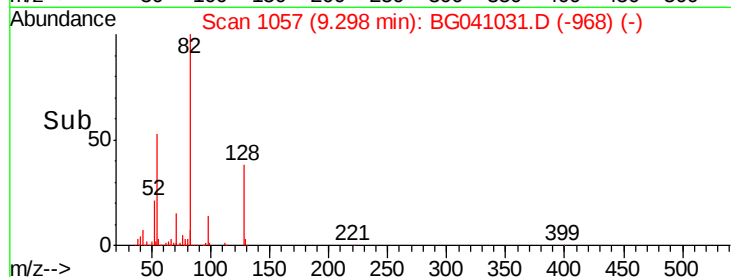
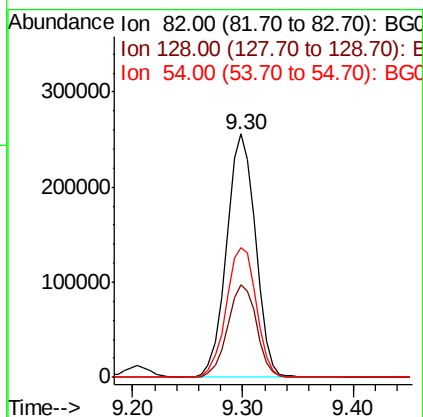
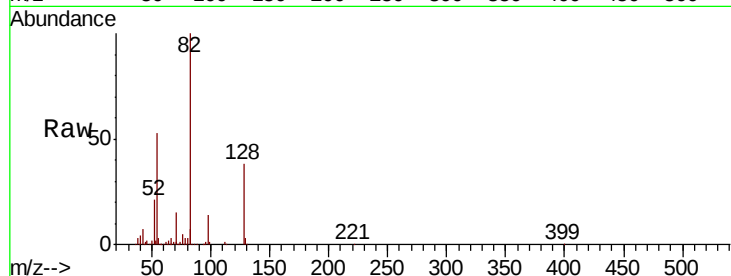




#23
 Nitrobenzene-d5
 Concen: 90.017 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

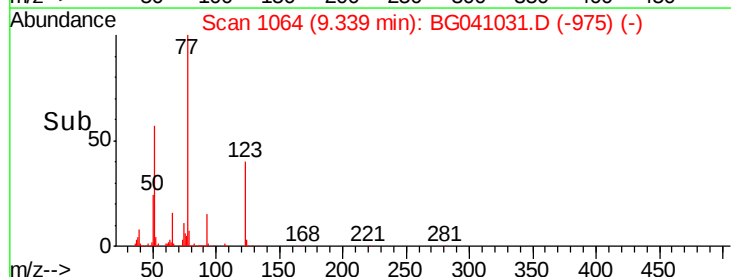
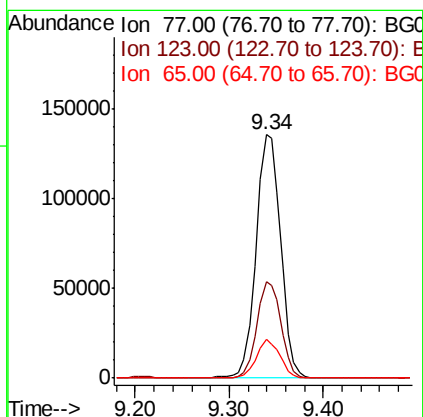
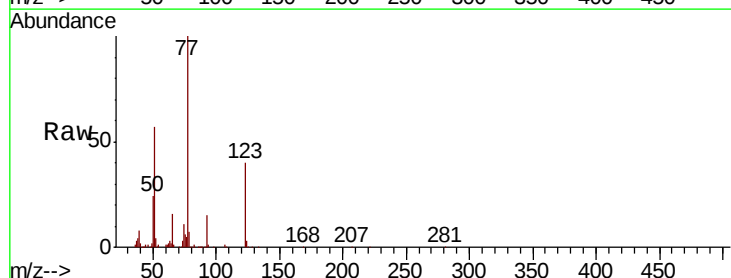
Instrument :
 BNA_G
 ClientSampleId :

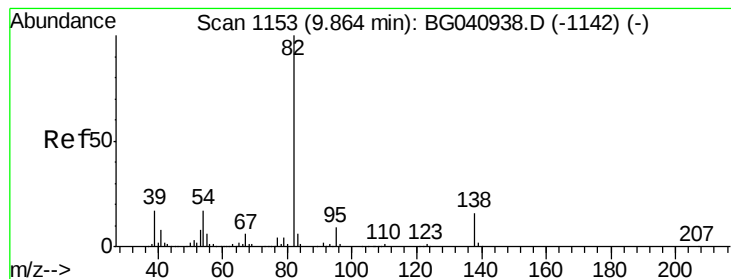
Tot Ion	82	Resp	470061
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.5	45.7
54	53.4	44.6	66.8



#24
 Nitrobenzene
 Concen: 45.830 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	77	Resp	243886
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.6	46.0
65	15.9	12.3	18.5





#25

Isophorone

Concen: 45.350 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

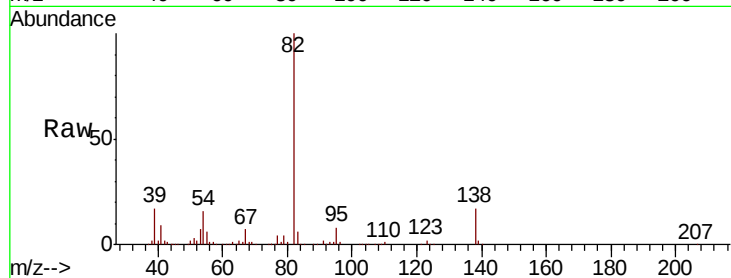
Tot Ion: 82 Resp: 450672

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

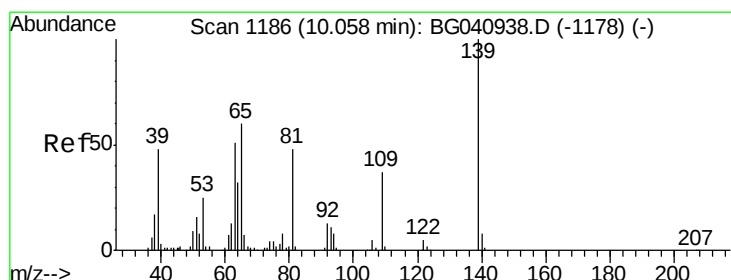
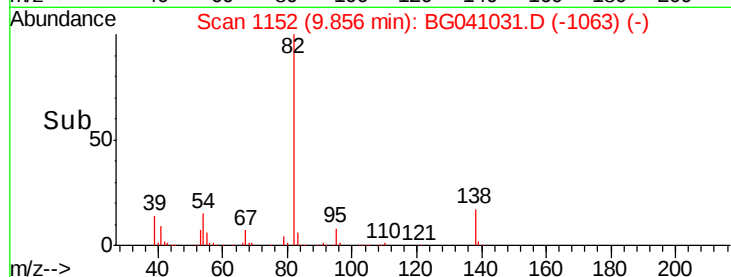
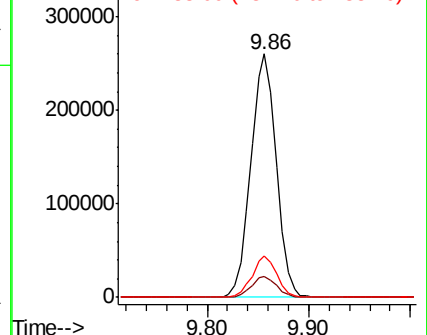
138 17.1 12.6 19.0



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: 49.733 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

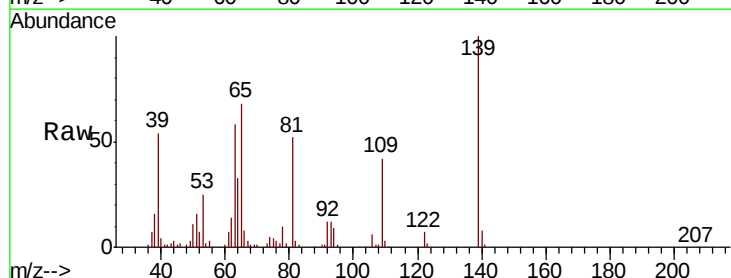
Tgt Ion: 139 Resp: 109105

Ion Ratio Lower Upper

139 100

109 41.9 29.8 44.6

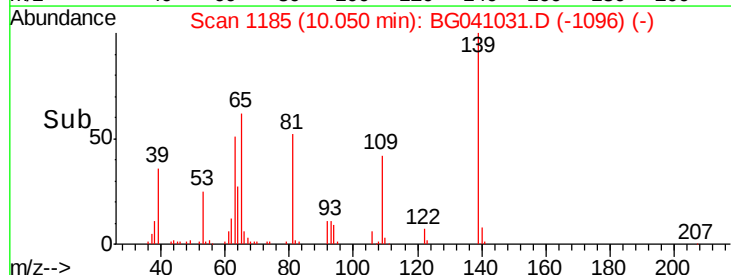
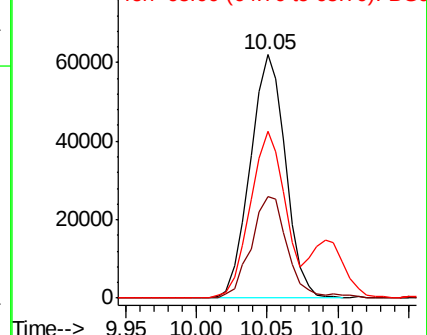
65 68.5 47.8 71.6

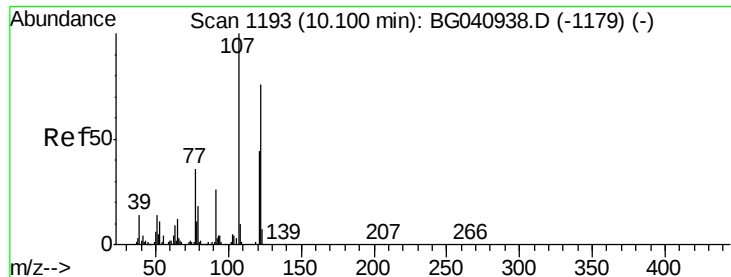


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

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: 50.795 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

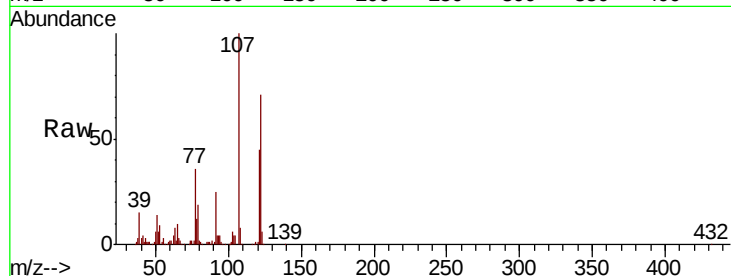
Tot Ion:122 Resp: 184041

Ion Ratio Lower Upper

122 100

107 141.1 105.9 158.9

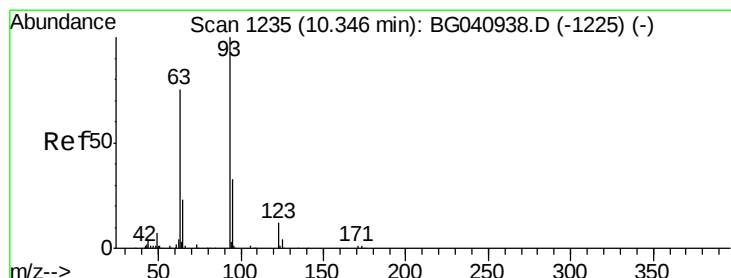
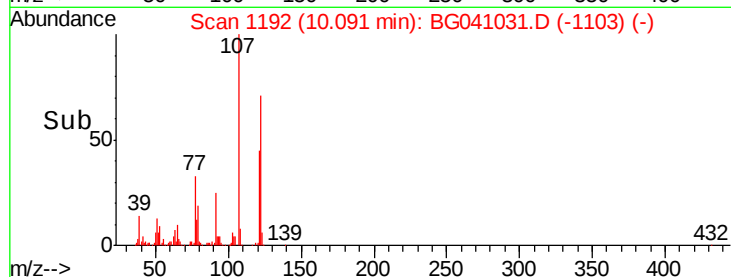
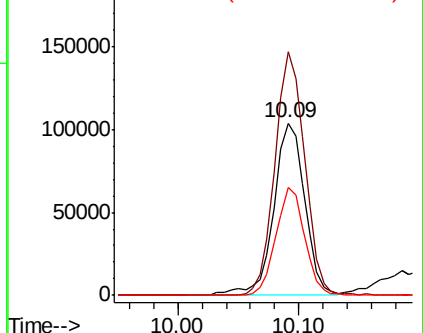
121 62.9 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.840 ng

RT: 10.34 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

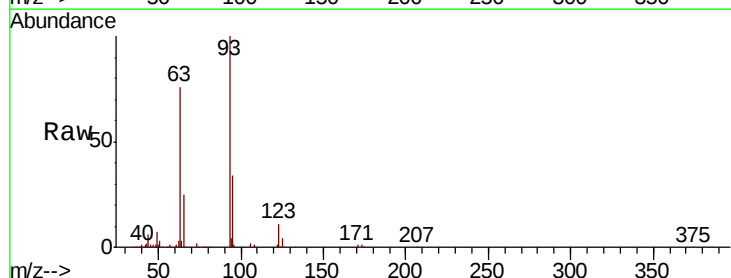
Tgt Ion: 93 Resp: 240507

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

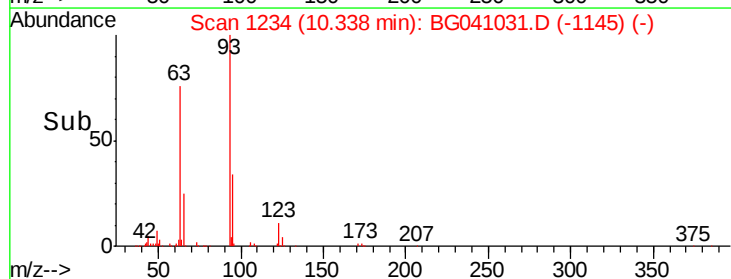
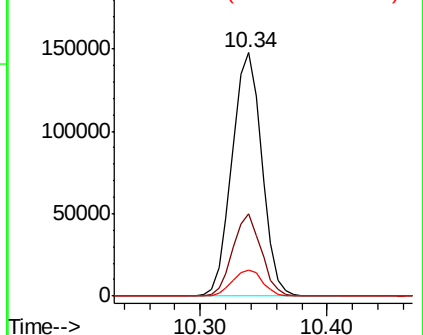
123 10.7 9.5 14.3

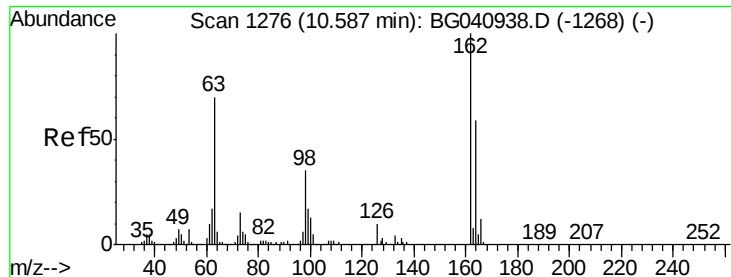


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

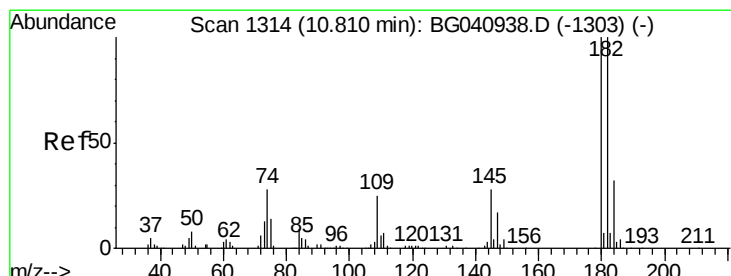
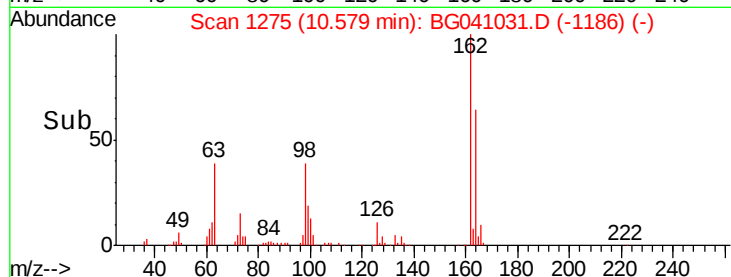
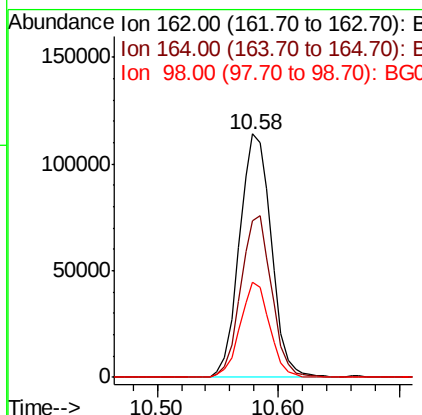
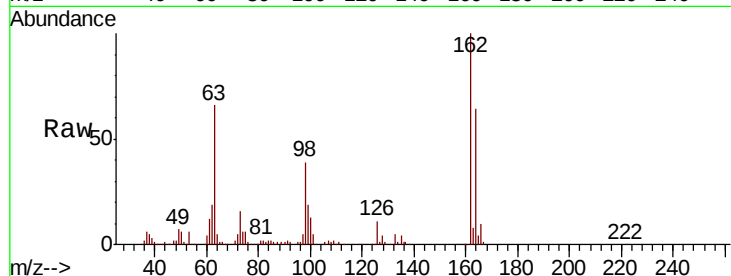




#29
2,4-Dichlorophenol
Concen: 45.531 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

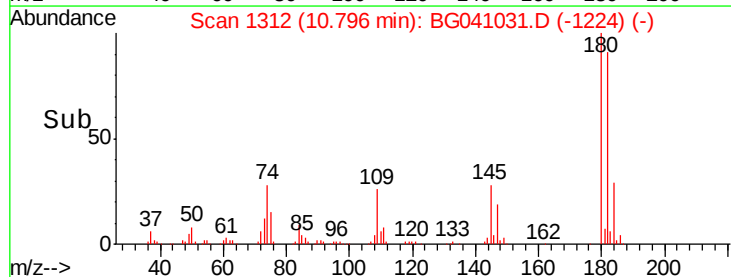
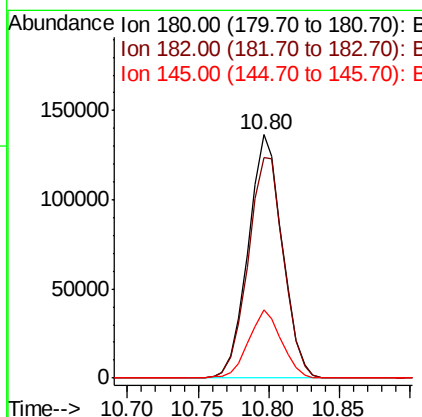
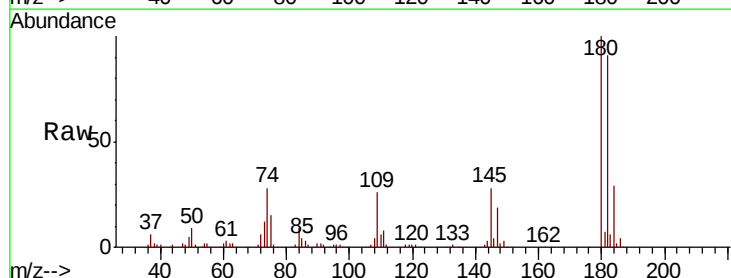
Instrument :
BNA_G
ClientSampleId :

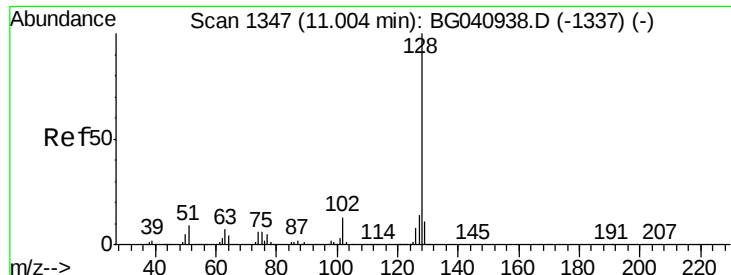
Tot Ion	162	Resp	209489
Ion Ratio	Lower	Upper	
162	100		
164	64.4	39.4	79.4
98	38.9	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.140 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	180	Resp	231033
Ion Ratio	Lower	Upper	
180	100		
182	90.7	79.7	119.5
145	28.2	22.6	34.0

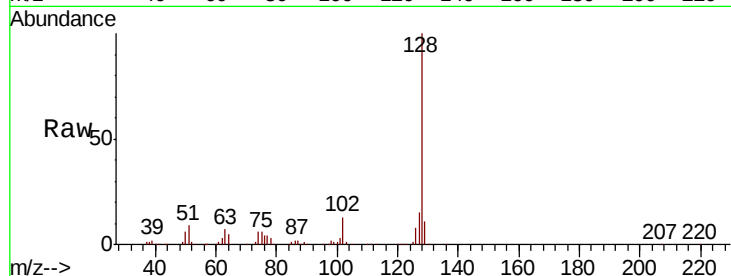




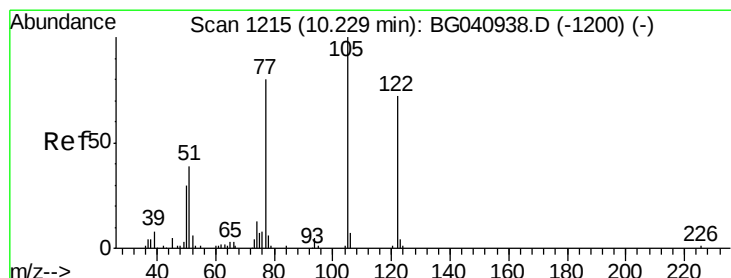
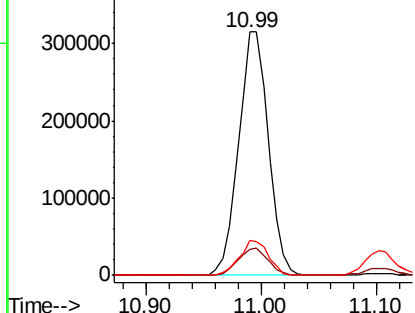
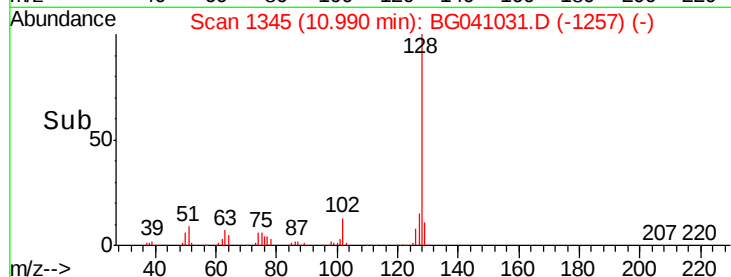
#31
Naphthalene
Concen: 45.264 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 563384
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.5 11.4 17.2

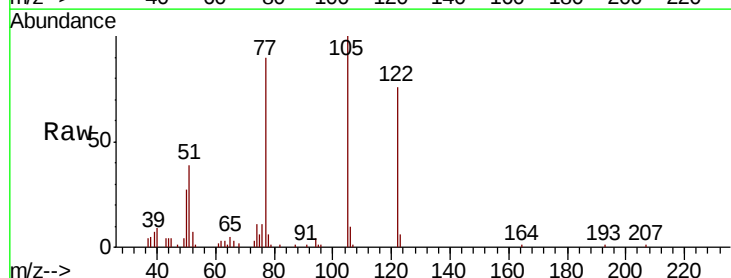


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

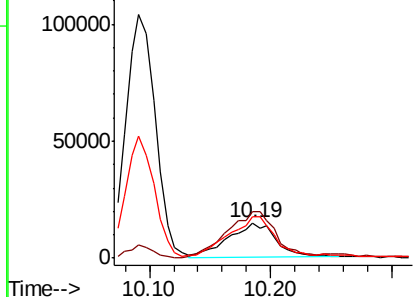
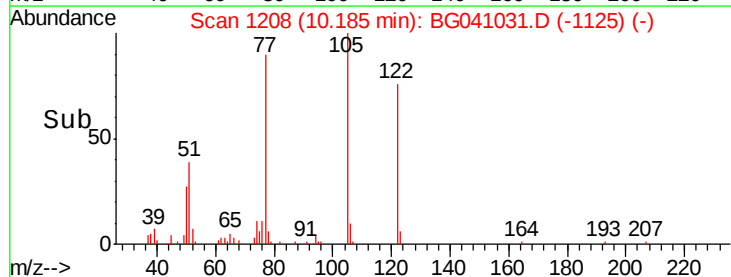


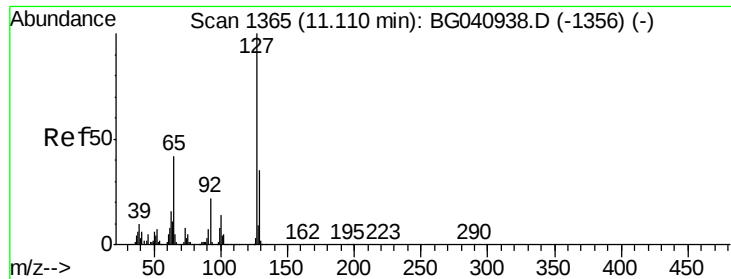
#32
Benzoic acid
Concen: 19.795 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.04 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:122 Resp: 39566
Ion Ratio Lower Upper
122 100
105 131.7 114.8 154.8
77 117.9 89.9 129.9



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

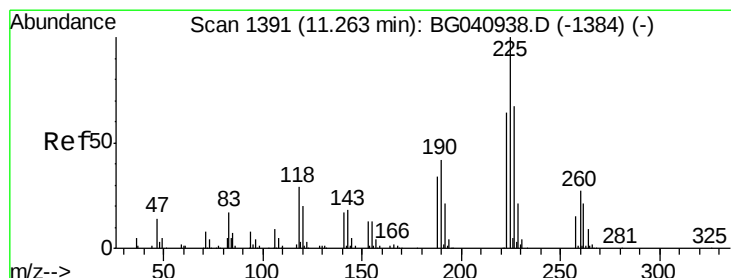
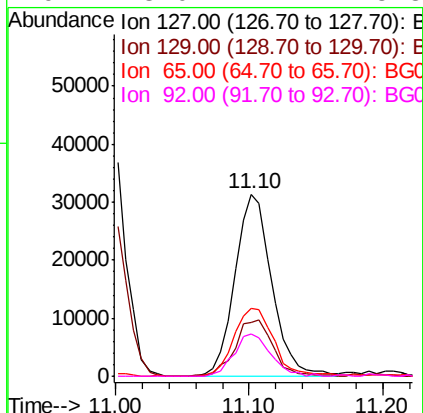
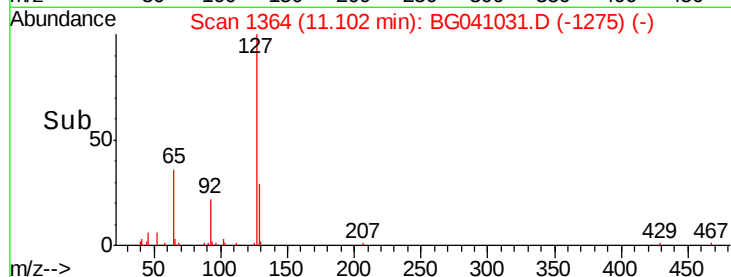
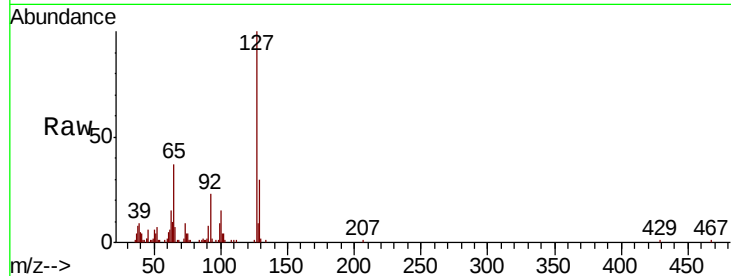




#33
4-Chloroaniline
Concen: 10.410 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

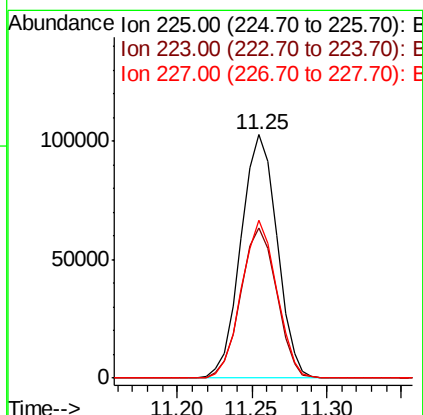
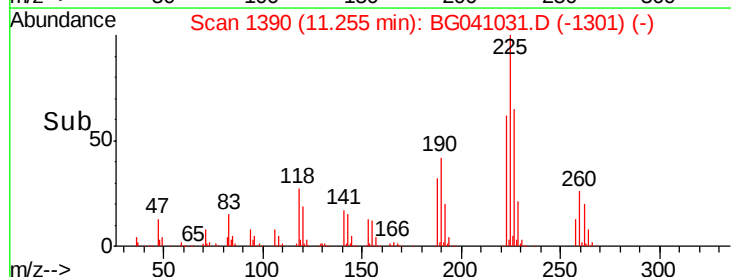
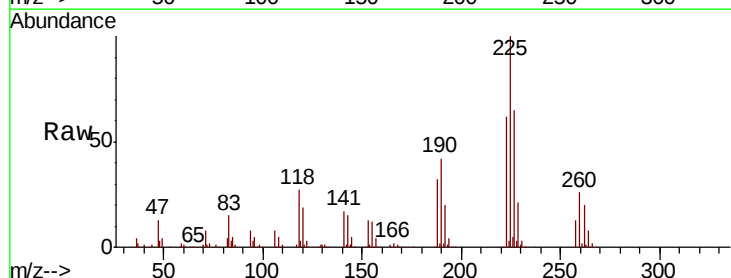
Instrument :
BNA_G
ClientSampleId :

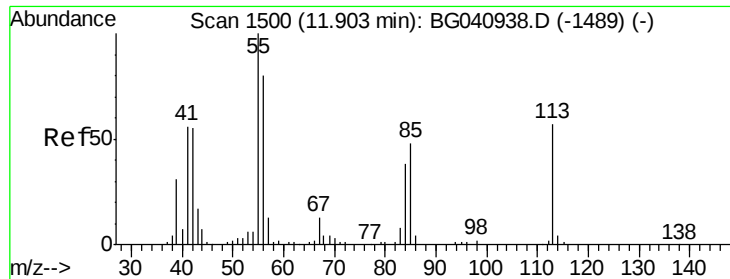
Tot Ion:127 Resp: 60116
Ion Ratio Lower Upper
127 100
129 29.7 27.7 41.5
65 37.1 33.2 49.8
92 23.0 17.2 25.8



#34
Hexachlorobutadiene
Concen: 43.096 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:225 Resp: 172595
Ion Ratio Lower Upper
225 100
223 61.8 48.8 73.2
227 64.8 51.4 77.0





#35

Caprolactam

Concen: 21.838 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampled :

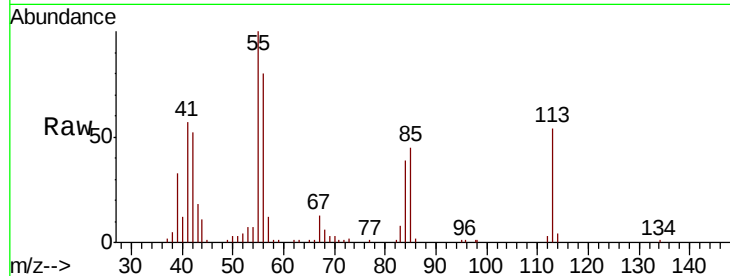
Tot Ion:113 Resp: 33180

Ion Ratio Lower Upper

113 100

55 183.5 155.9 195.9

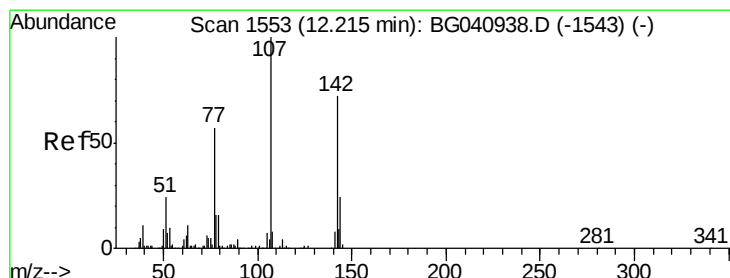
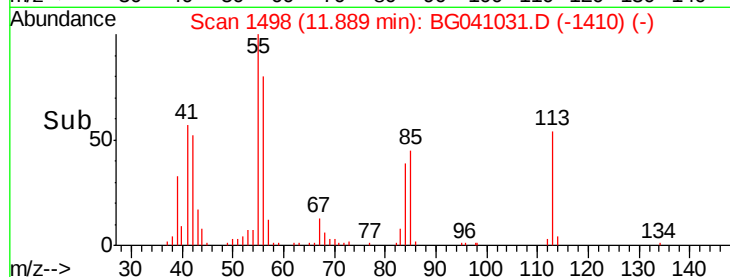
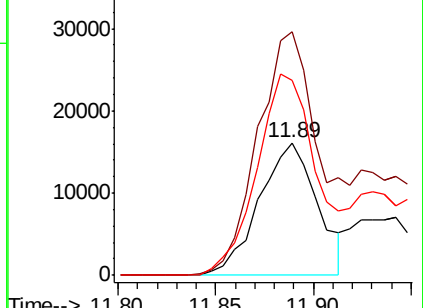
56 146.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.924 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

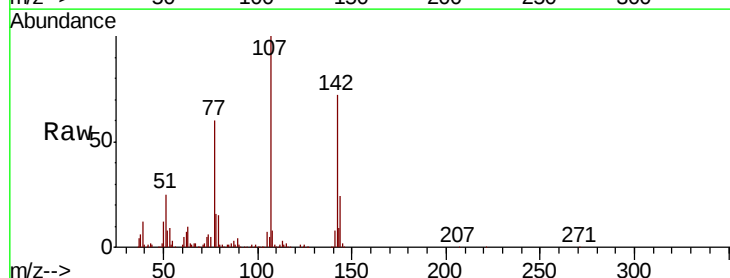
Tgt Ion:107 Resp: 241316

Ion Ratio Lower Upper

107 100

144 24.5 19.4 29.0

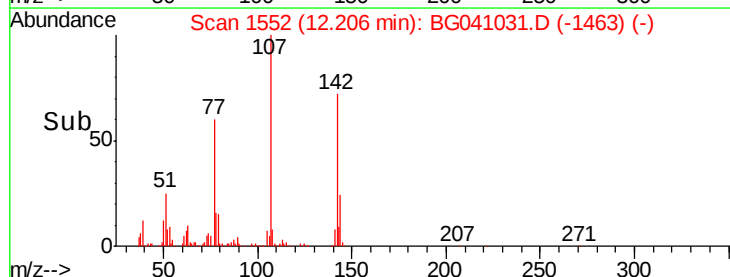
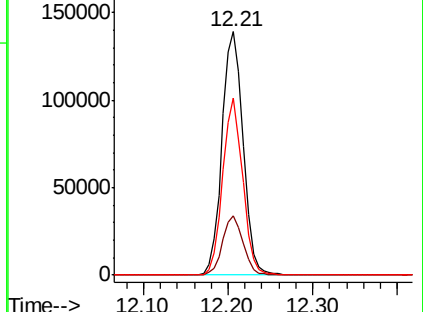
142 72.5 57.3 85.9

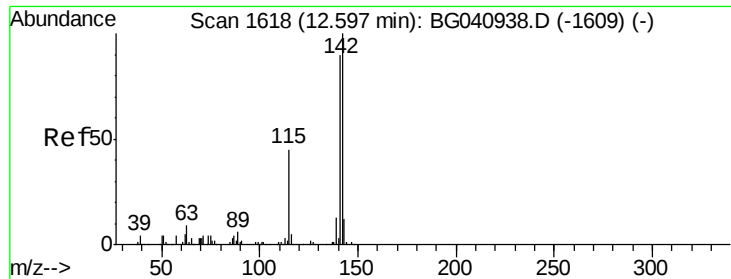


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

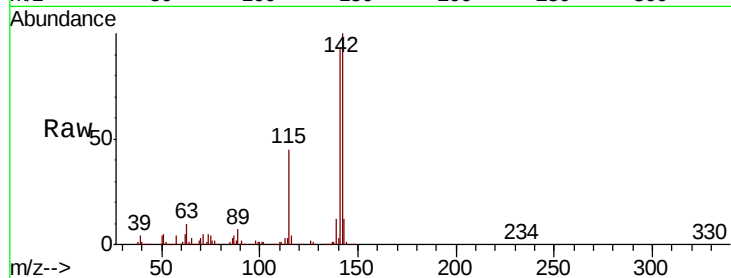




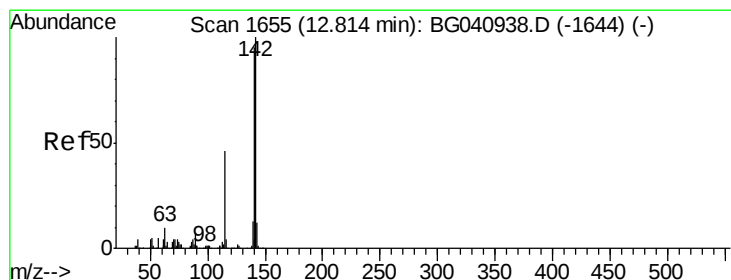
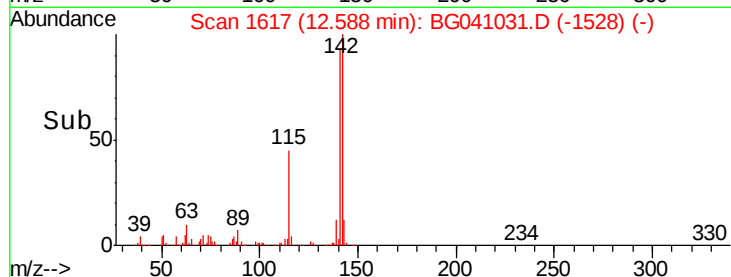
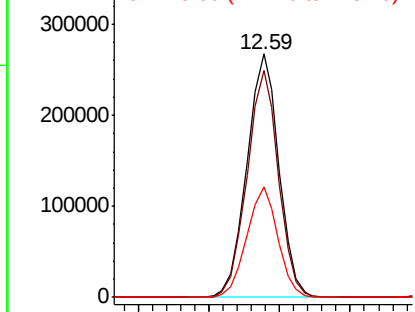
#37
2-Methylnaphthalene
Concen: 44.247 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.2	108.4
115	45.5	36.2	54.4

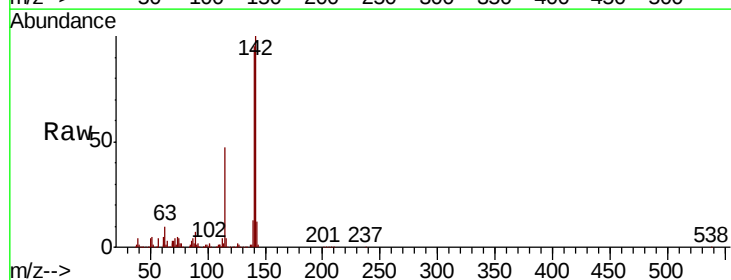


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

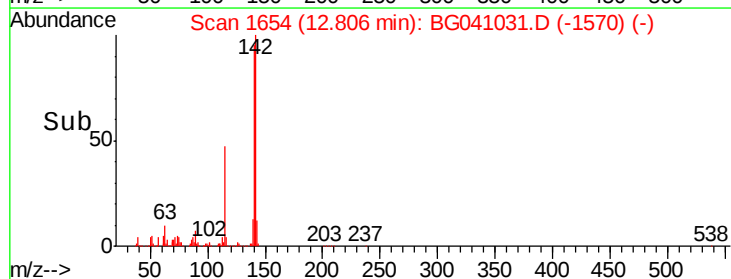
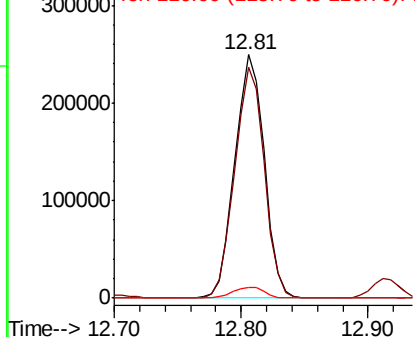


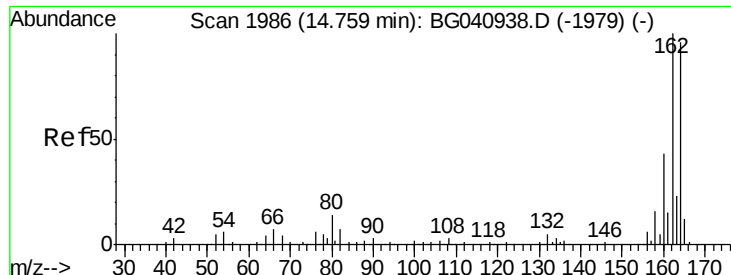
#38
1-Methylnaphthalene
Concen: 44.379 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.7	113.5
116	4.4	3.4	5.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

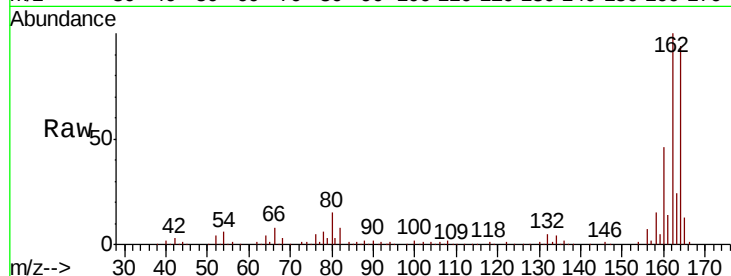
Tot Ion:164 Resp: 168110

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.4

160 48.9 35.6 53.4

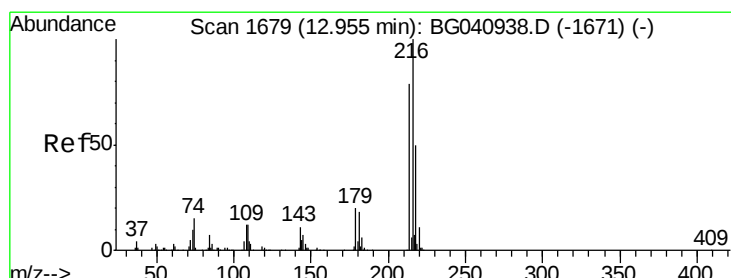
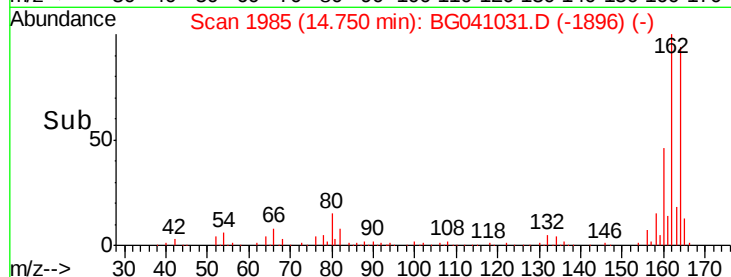
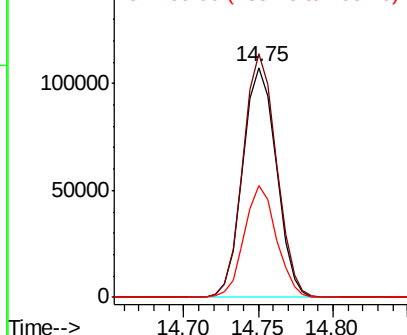


Abundance

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: 45.744 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:216 Resp: 309951

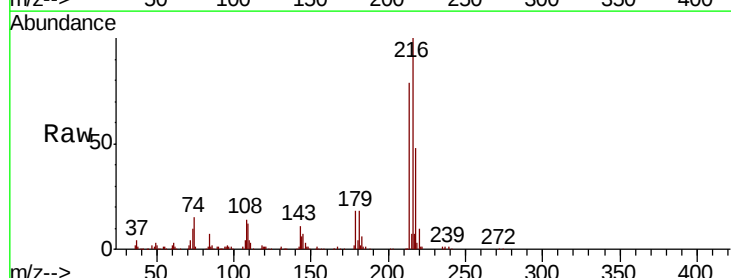
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 19.2 15.2 22.8

108 16.8 11.4 17.2



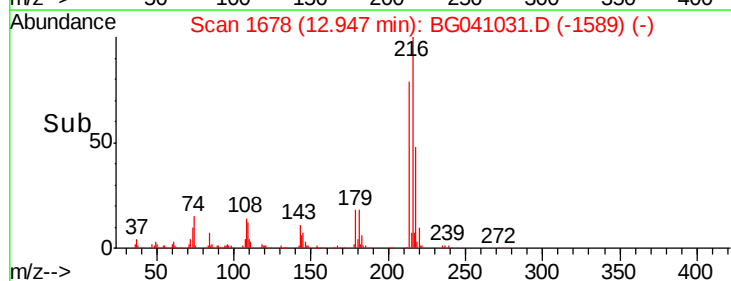
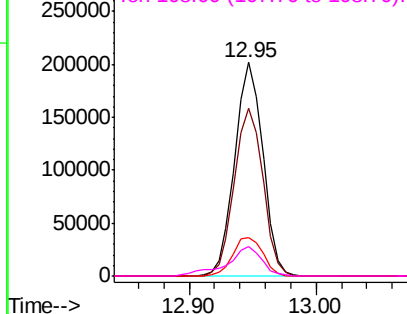
Abundance

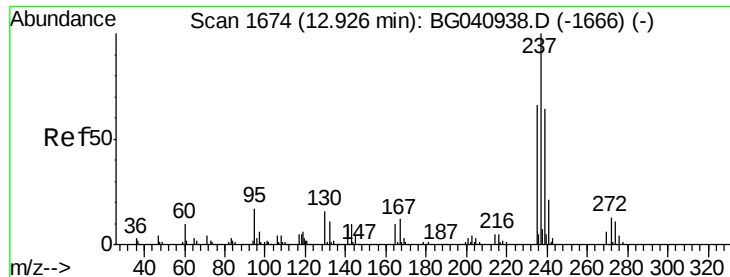
Ion 216.00 (215.70 to 216.70): E

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: 90.621 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

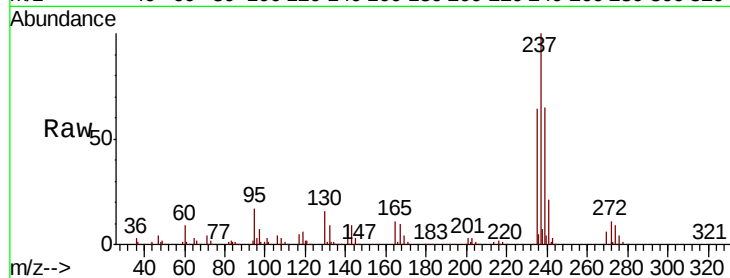
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 334505

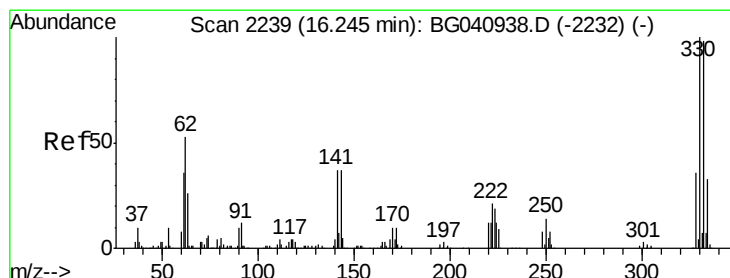
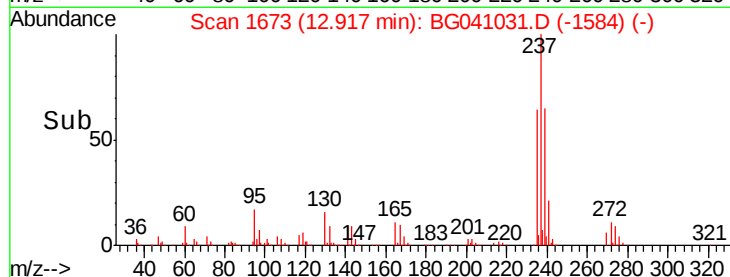
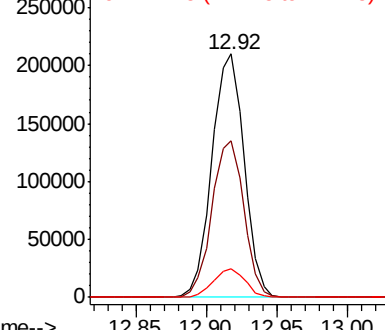
Ion	Ratio	Lower	Upper
237	100		
235	64.3	45.5	85.5
272	11.5	0.0	32.9



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: 140.846 ng

RT: 16.24 min Scan# 2238

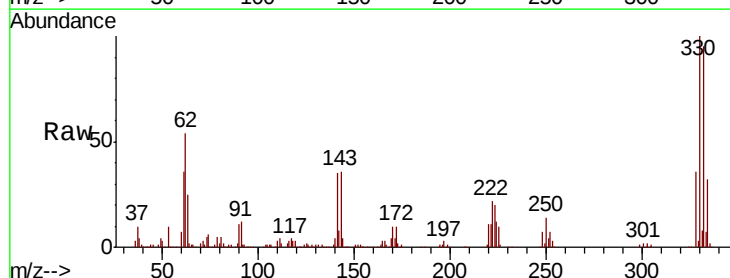
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:330 Resp: 351512

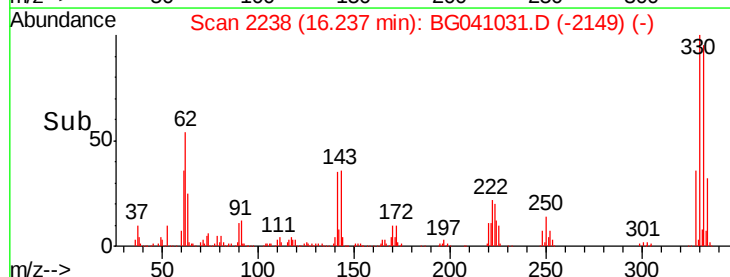
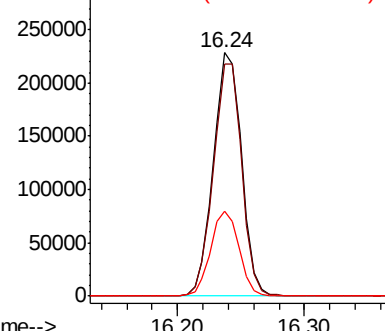
Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	35.0	28.7	43.1



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

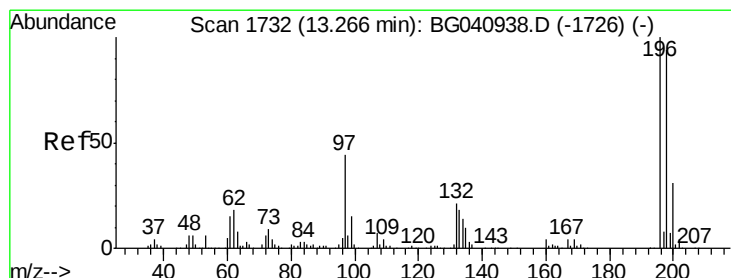
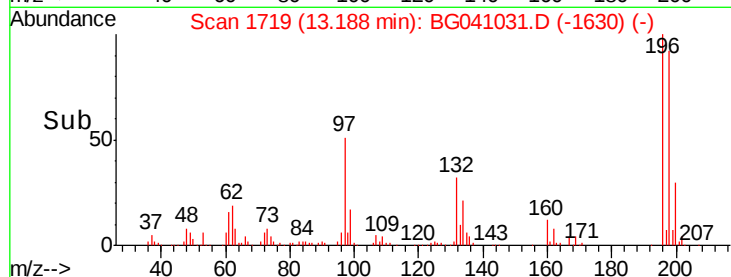
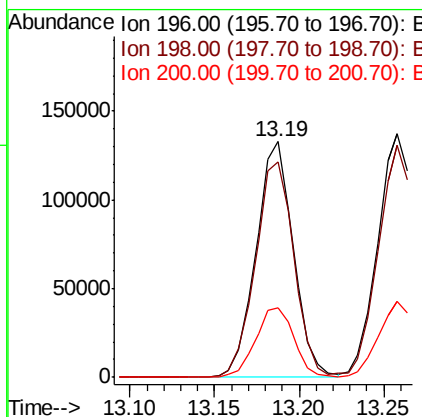
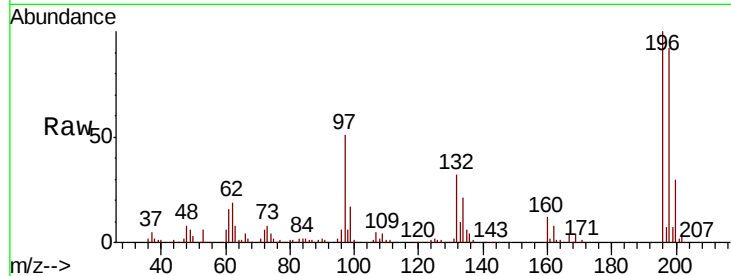




#43
 2,4,6-Trichlorophenol
 Concen: 46.604 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

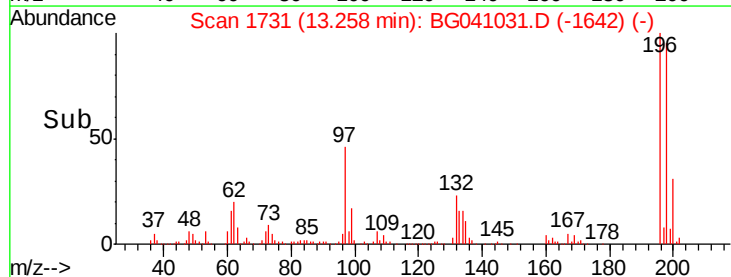
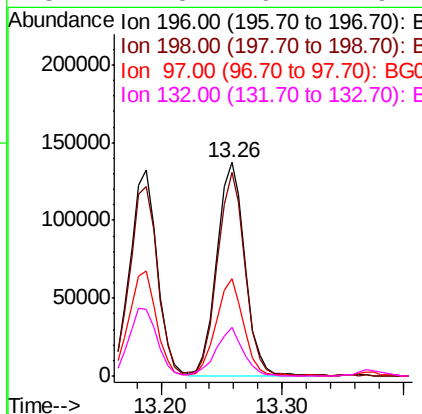
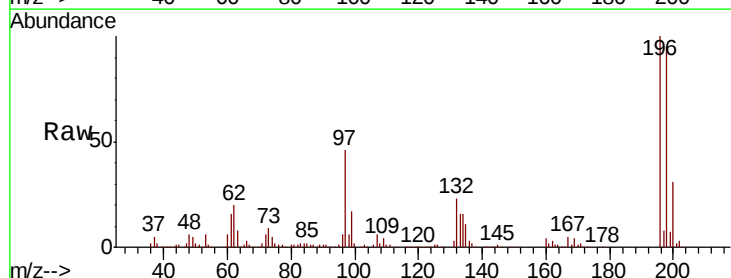
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 204281
 Ion Ratio Lower Upper
 196 100
 198 91.7 73.8 110.6
 200 29.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.339 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion:196 Resp: 218840
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.1 112.7
 97 45.6 35.6 53.4
 132 22.8 16.7 25.1

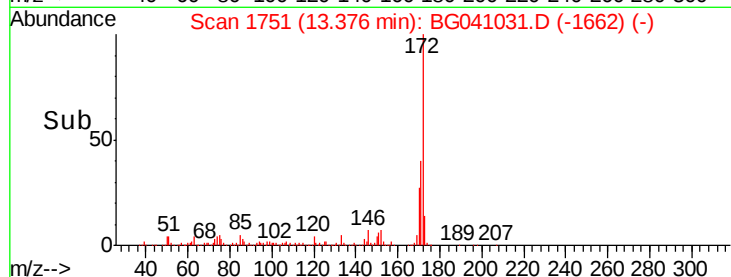
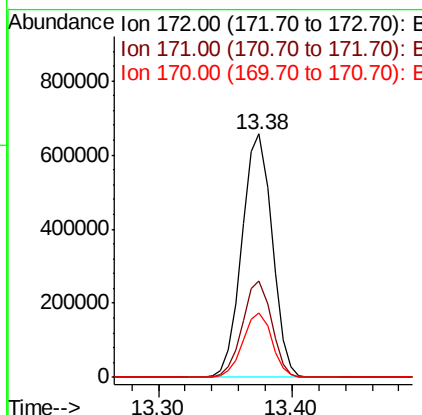
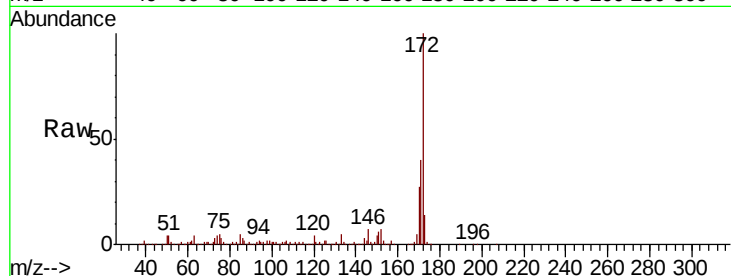




#45
2-Fluorobiphenyl
Concen: 87.601 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

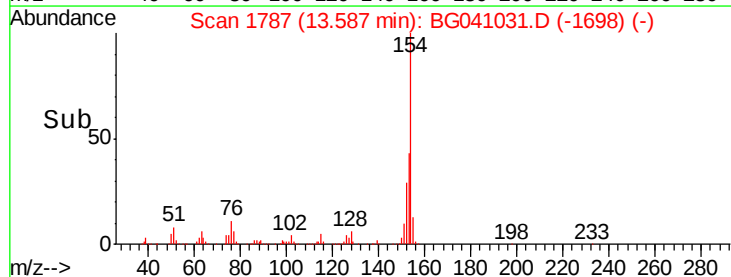
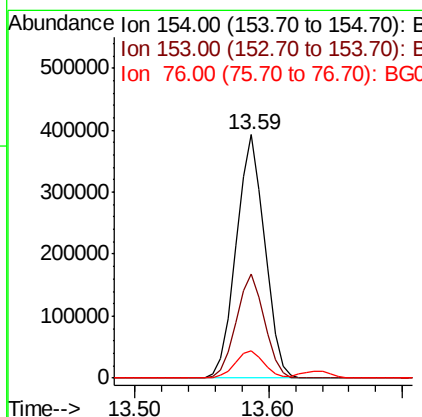
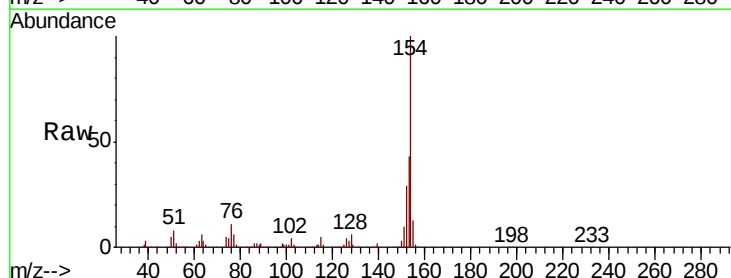
Instrument :
BNA_G
ClientSampleId :

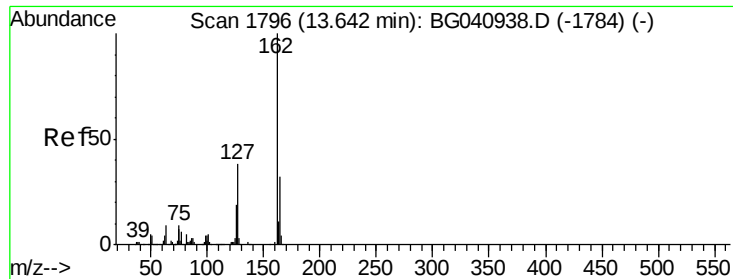
Tot Ion:172 Resp: 1022607
Ion Ratio Lower Upper
172 100
171 39.8 31.1 46.7
170 26.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.567 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:154 Resp: 579468
Ion Ratio Lower Upper
154 100
153 42.9 23.3 63.3
76 11.2 0.0 31.1

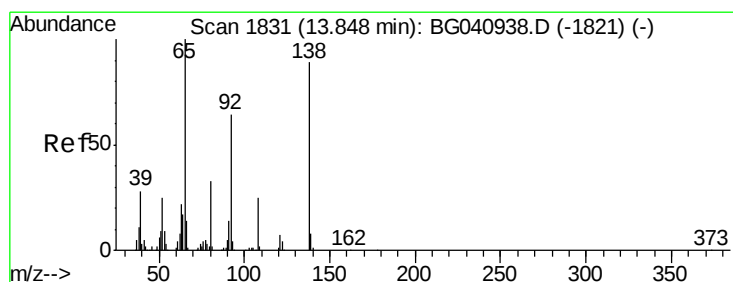
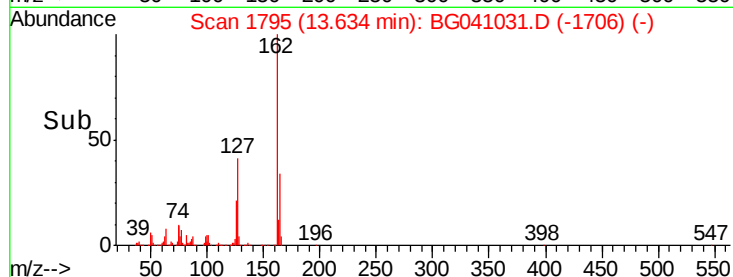
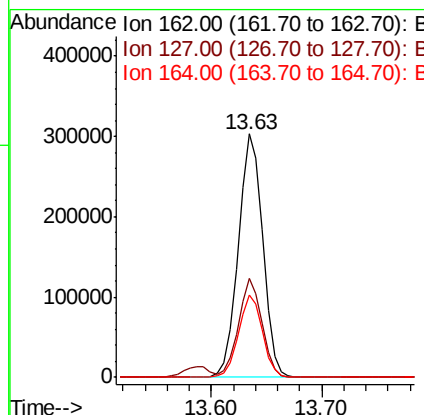
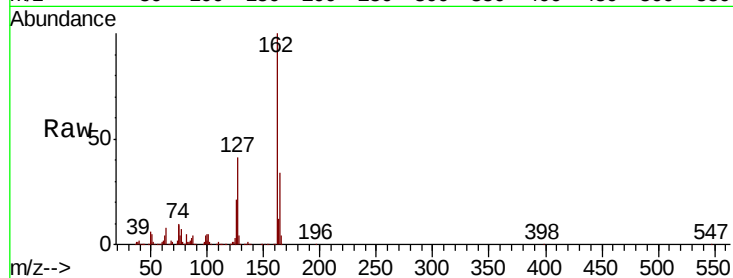




#47
 2-Chloronaphthalene
 Concen: 44.115 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

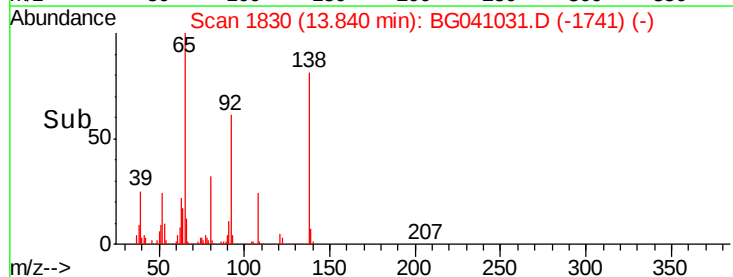
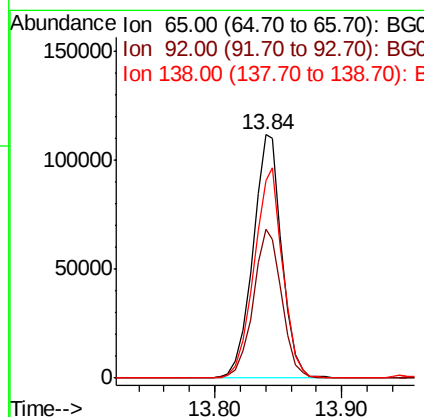
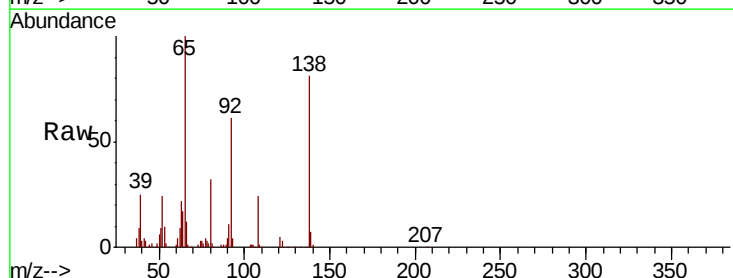
Instrument :
 BNA_G
 ClientSampleId :

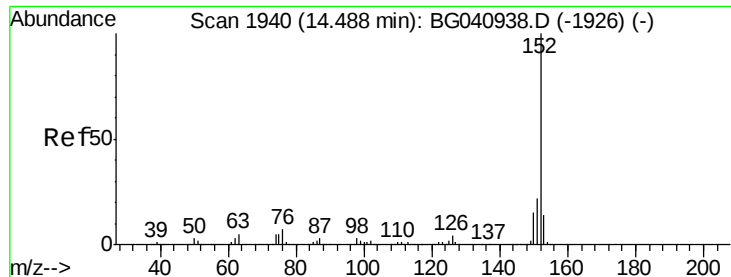
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.5	45.7
164	33.9	25.8	38.6



#48
 2-Nitroaniline
 Concen: 46.025 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	51.0	76.6
138	81.3	71.2	106.8





#49

Acenaphthylene

Concen: 45.219 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

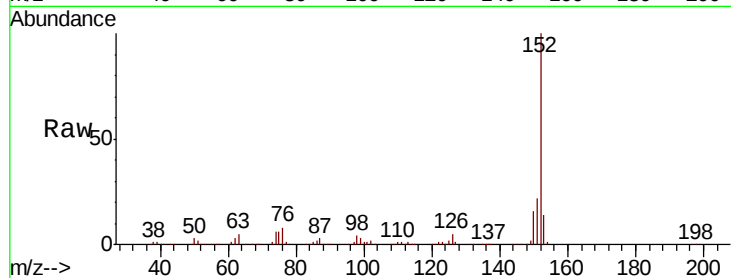
Tot Ion:152 Resp: 727051

Ion Ratio Lower Upper

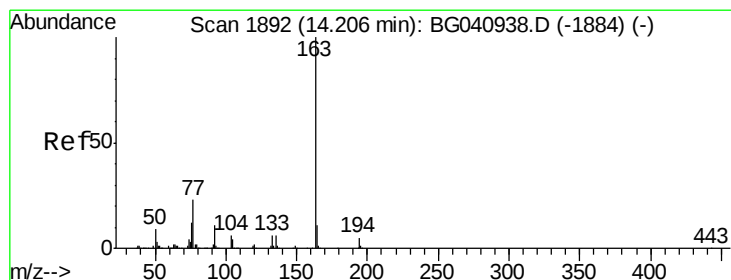
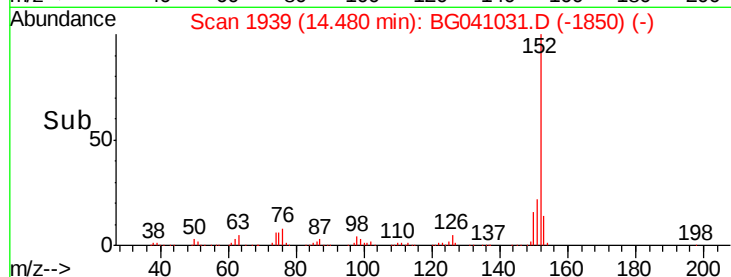
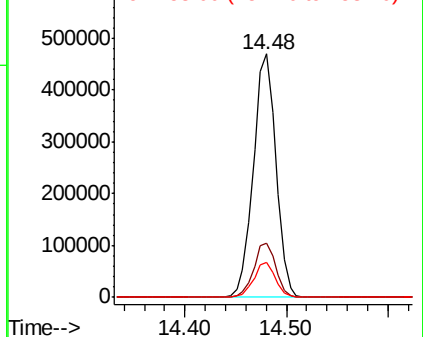
152 100

151 22.3 17.4 26.0

153 14.3 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: 50.473 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

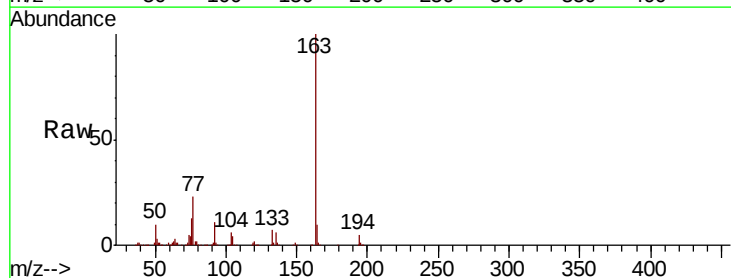
Tgt Ion:163 Resp: 718262

Ion Ratio Lower Upper

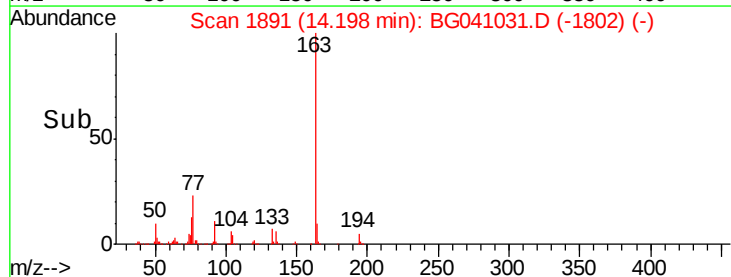
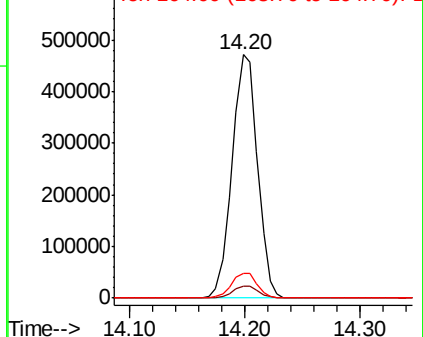
163 100

194 4.7 3.8 5.8

164 10.3 8.7 13.1



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

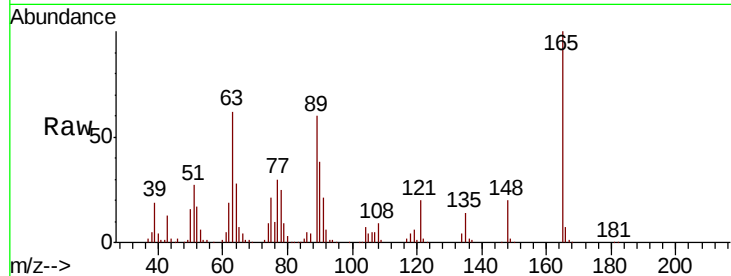




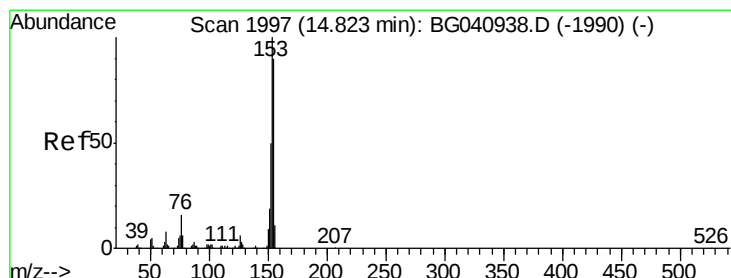
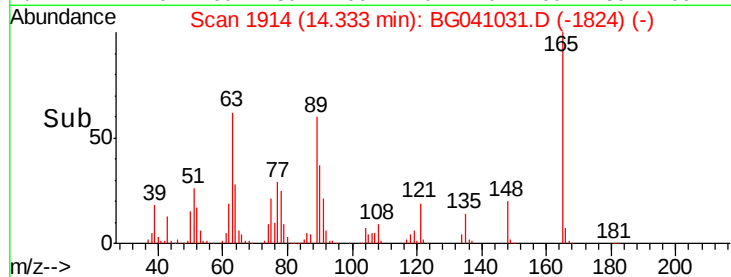
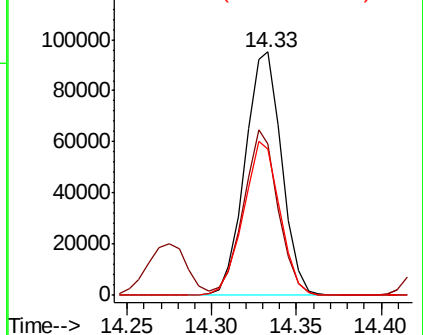
#51
2,6-Dinitrotoluene
Concen: 46.573 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 142897
Ion Ratio Lower Upper
165 100
63 62.0 53.6 80.4
89 60.3 50.4 75.6

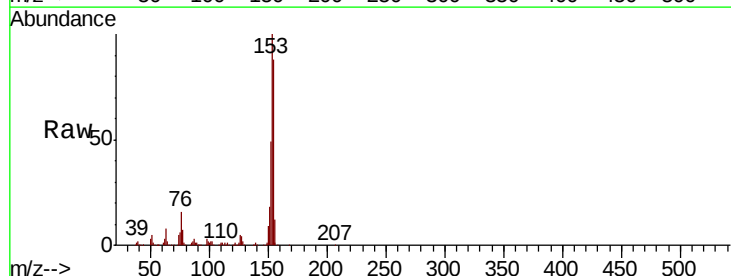


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

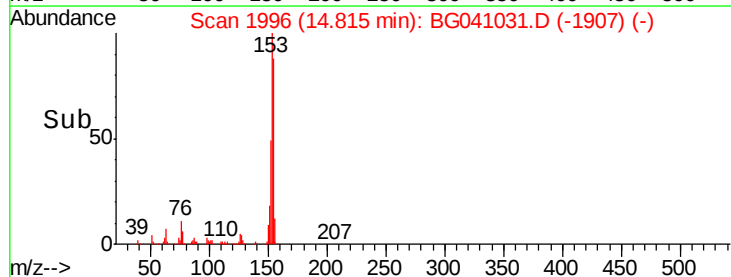
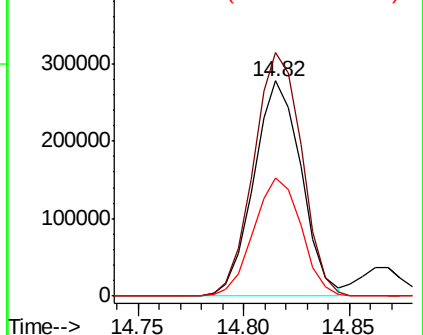


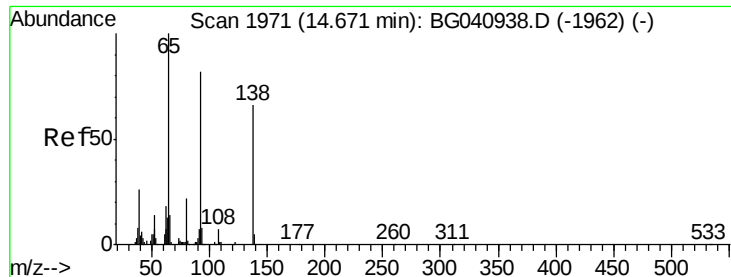
#52
Acenaphthene
Concen: 44.661 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:154 Resp: 435001
Ion Ratio Lower Upper
154 100
153 113.1 88.6 133.0
152 55.2 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: 22.163 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

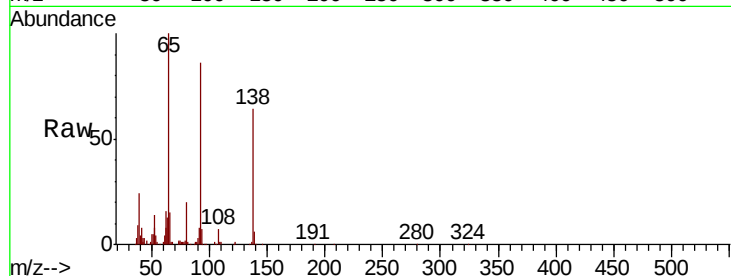
Tot Ion:138 Resp: 67999

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

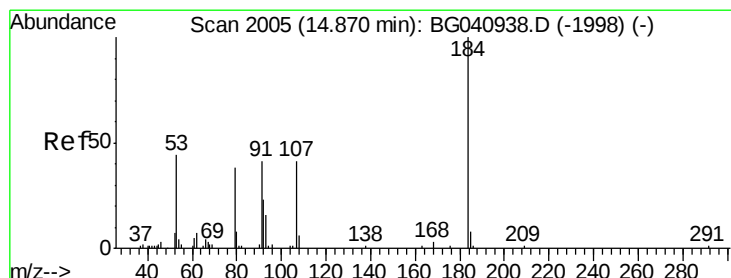
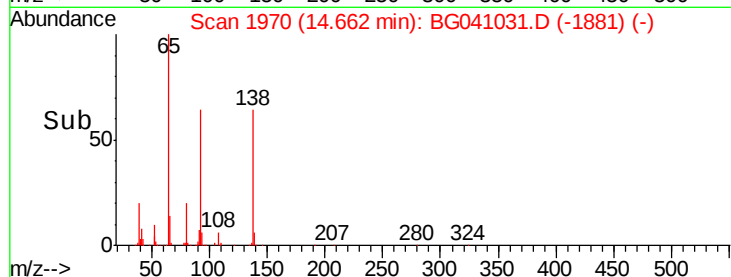
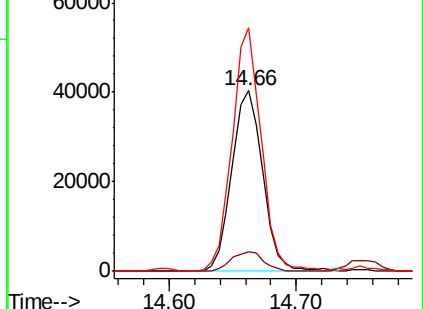
92 134.7 99.0 148.6



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: 63.042 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

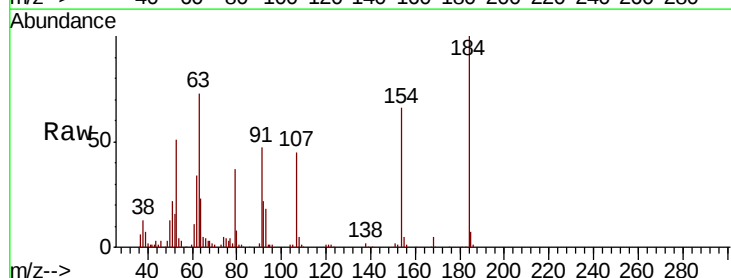
Tgt Ion:184 Resp: 90883

Ion Ratio Lower Upper

184 100

63 72.6 49.8 74.6

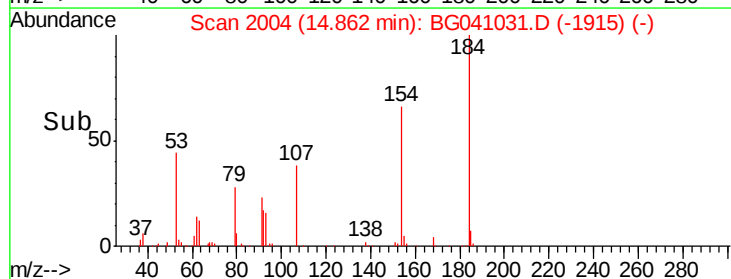
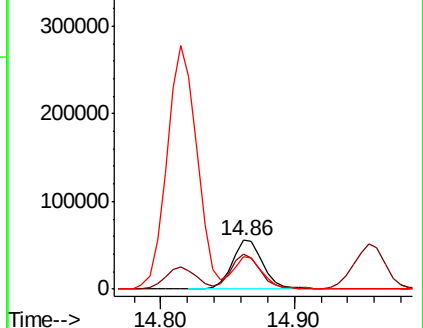
154 66.2 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.339 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

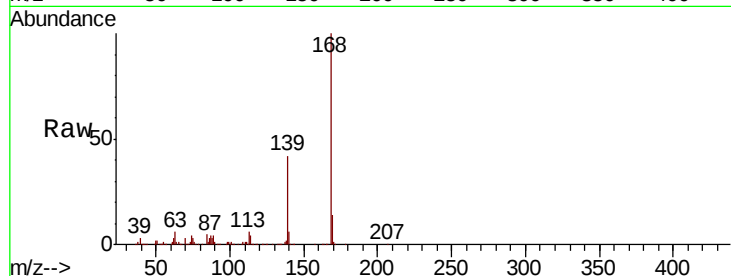
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 743076

Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.8	49.2
169	14.5	11.3	16.9

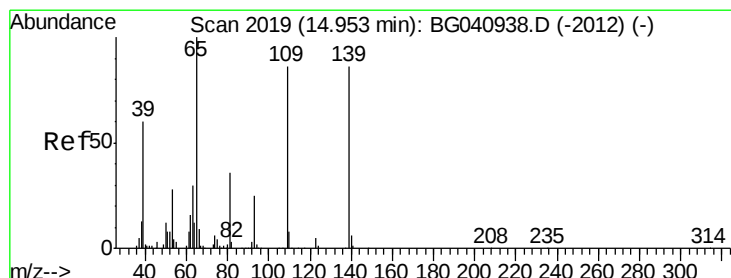
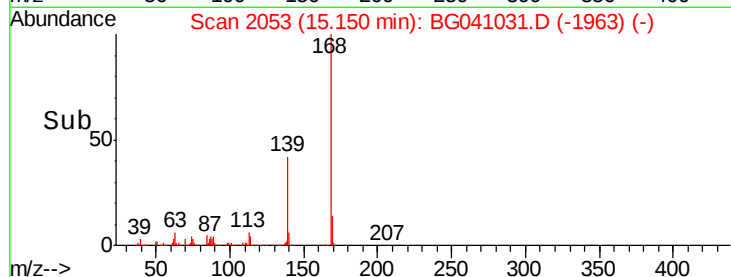
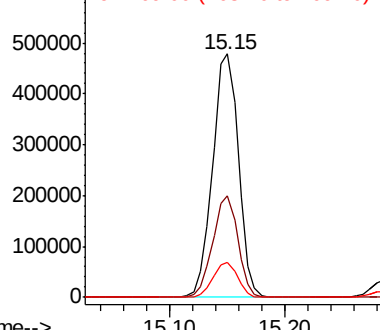


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 103.885 ng

RT: 14.96 min Scan# 2020

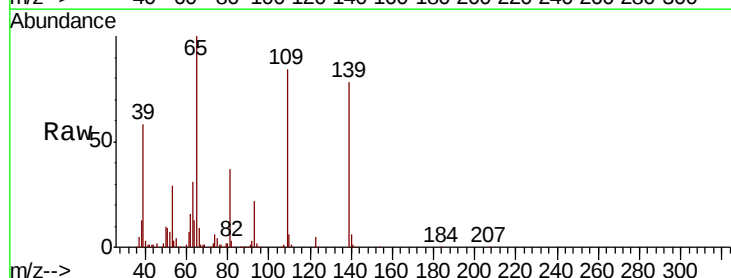
Delta R.T. 0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:139 Resp: 218621

Ion	Ratio	Lower	Upper
139	100		
109	108.1	79.6	119.6
65	129.0	96.9	136.9

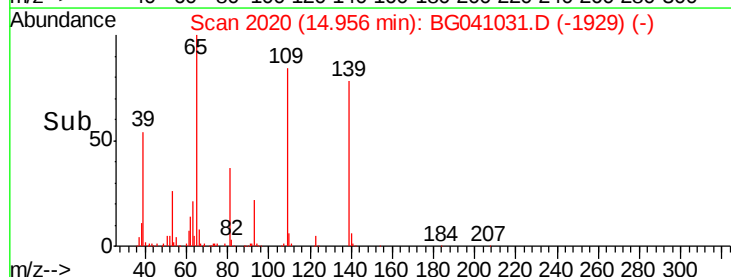
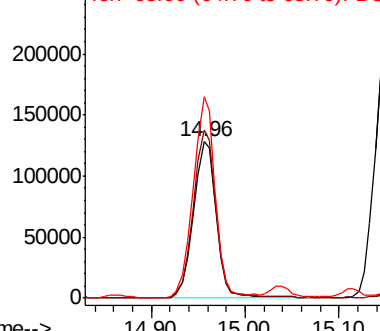


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

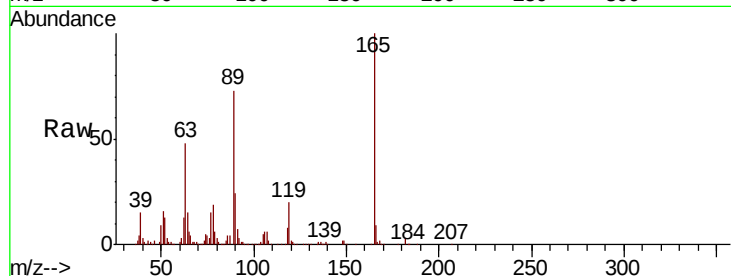




#57
2,4-Dinitrotoluene
Concen: 46.342 ng
RT: 15.11 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	37.3	55.9
89	72.8	61.0	91.6
182	3.2	2.2	3.2



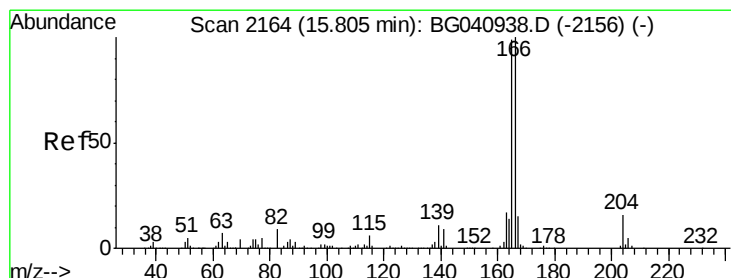
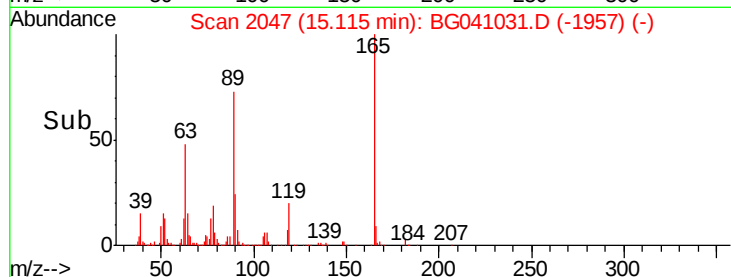
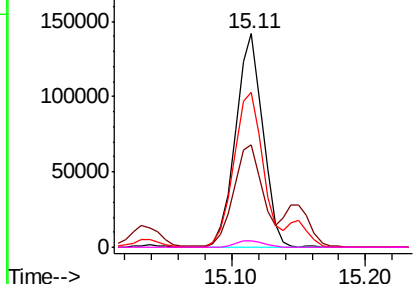
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

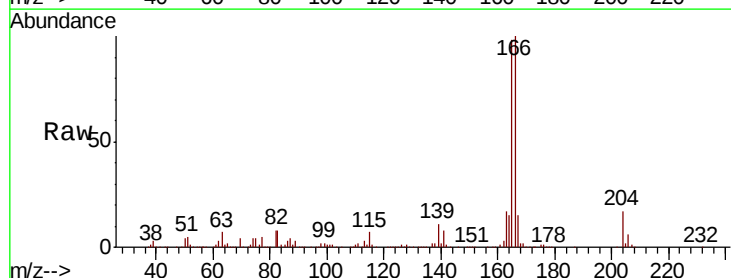
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.700 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	14.9	11.8	17.6

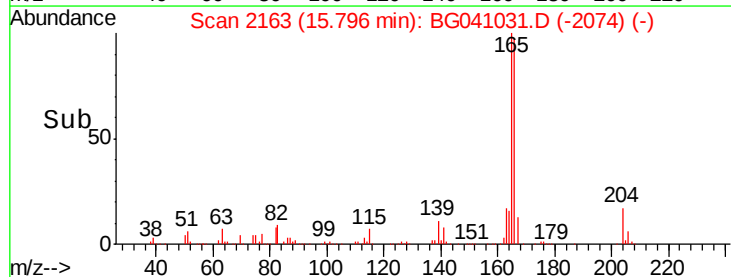
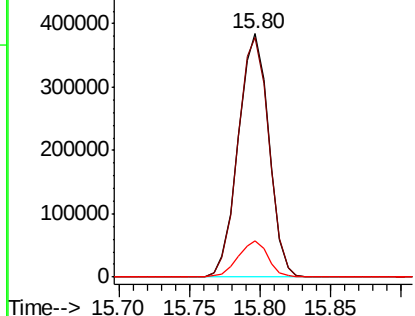


Abundance

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

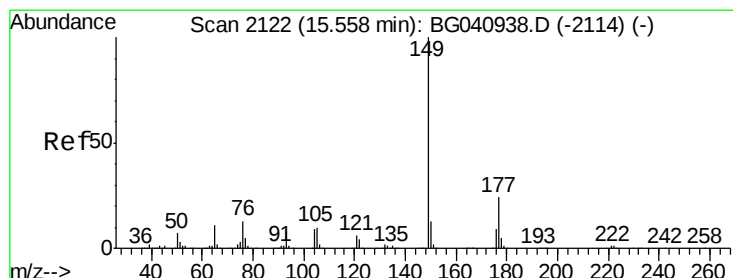
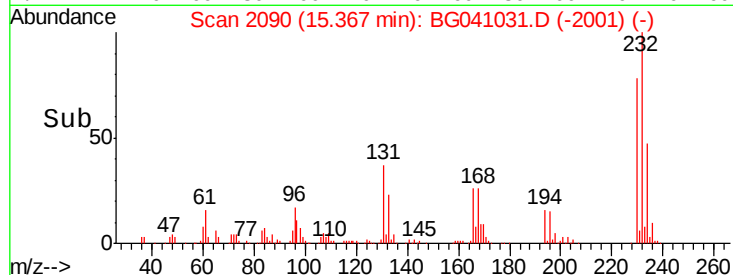
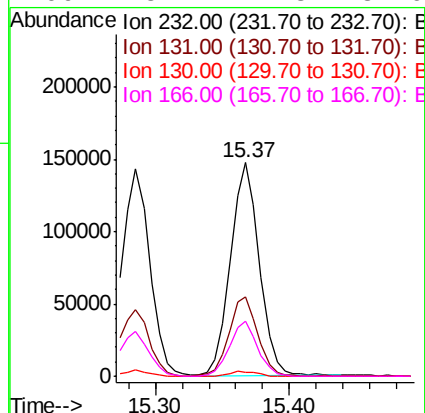
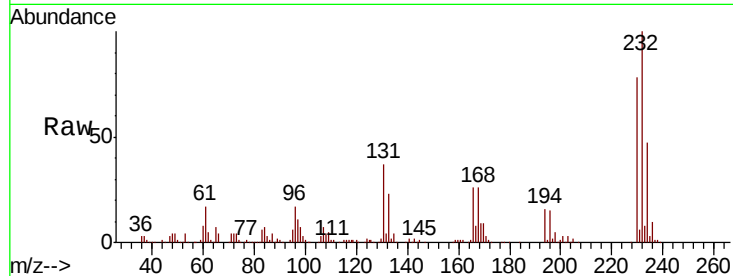




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.090 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

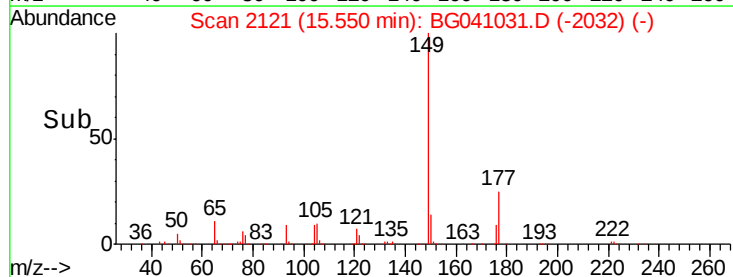
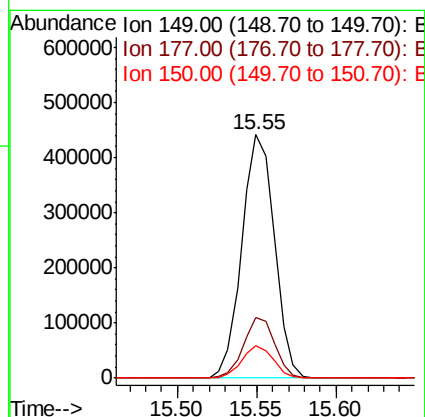
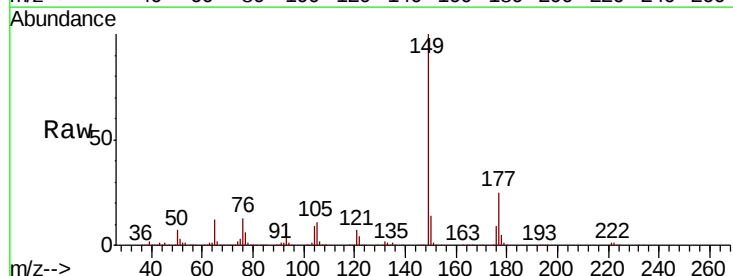
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	223016
Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.3	45.5
130	2.3	1.8	2.8
166	25.1	21.3	31.9



#60
 Diethylphthalate
 Concen: 43.271 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion:	149	Resp:	628412
Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.4	29.0
150	13.5	10.3	15.5

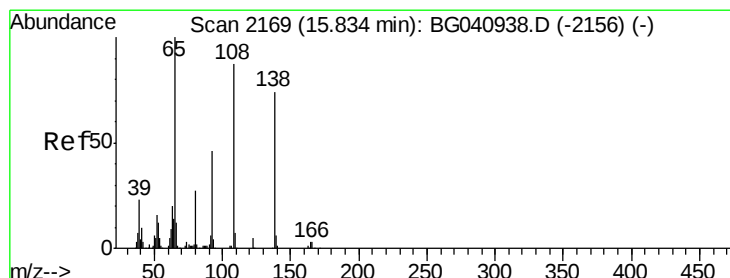
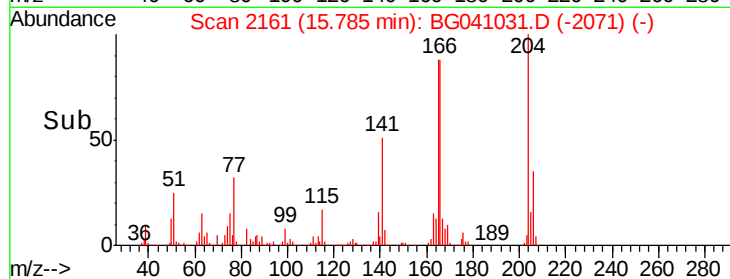
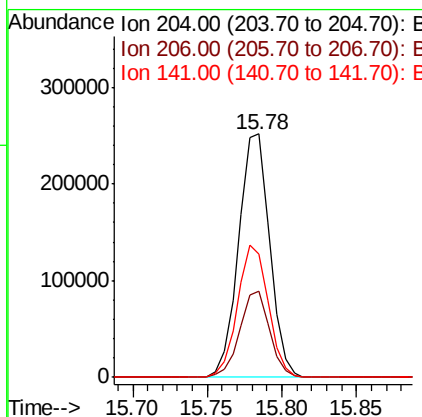
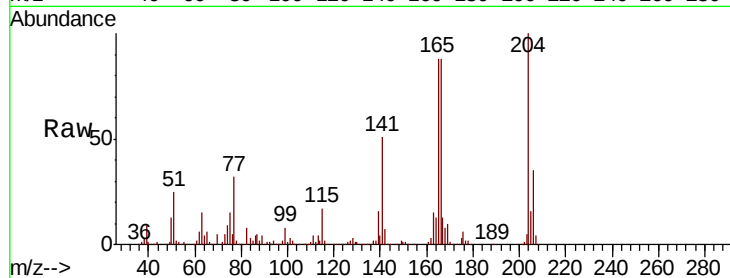




#61
4-Chlorophenyl-phenylether
Concen: 42.946 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

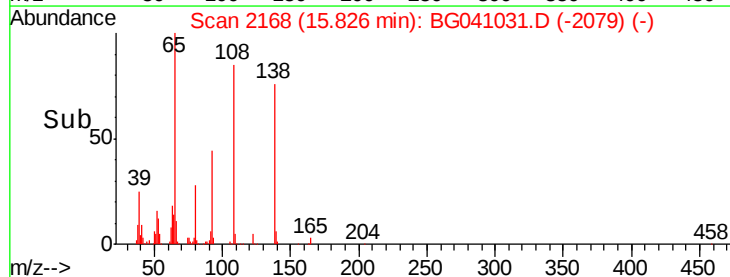
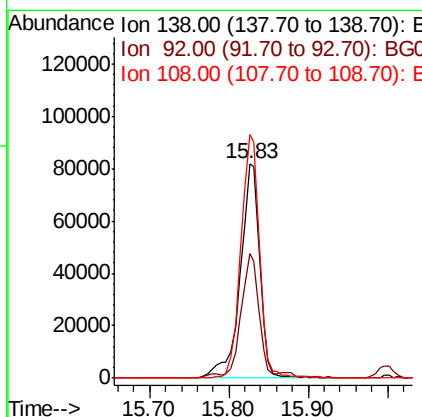
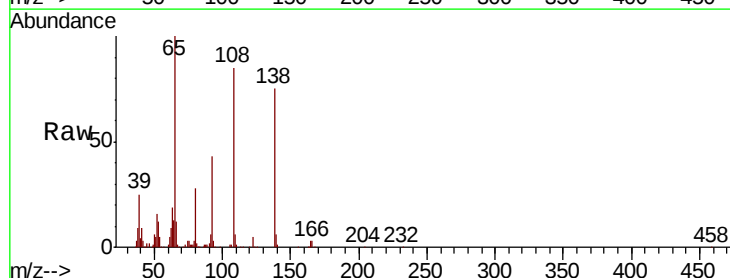
Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 364339
Ion Ratio Lower Upper
204 100
206 35.4 27.6 41.4
141 50.9 45.1 67.7



#62
4-Nitroaniline
Concen: 43.196 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:138 Resp: 140306
Ion Ratio Lower Upper
138 100
92 58.1 42.4 82.4
108 113.6 96.9 136.9





#63

Azobenzene

Concen: 44.342 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 585299

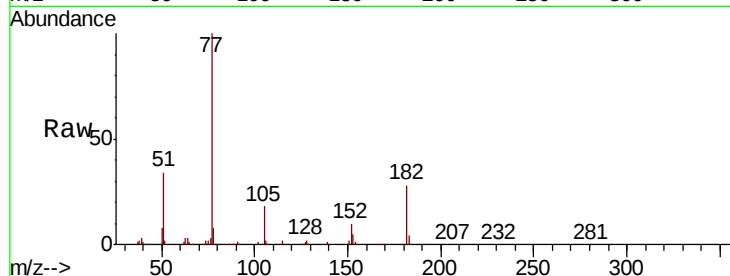
Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.6	49.6
105	18.1	0.0	37.5
51	34.4	13.7	53.7

77 100

182 27.8 9.6 49.6

105 18.1 0.0 37.5

51 34.4 13.7 53.7

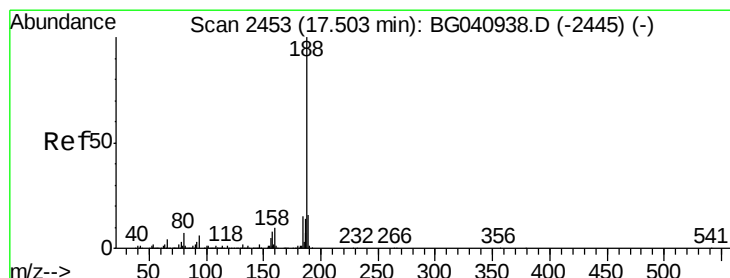
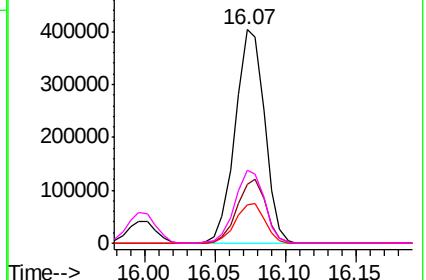
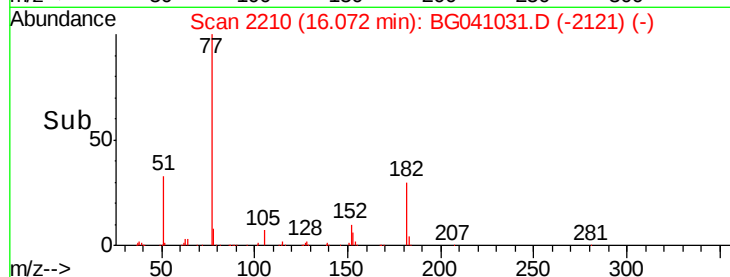


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

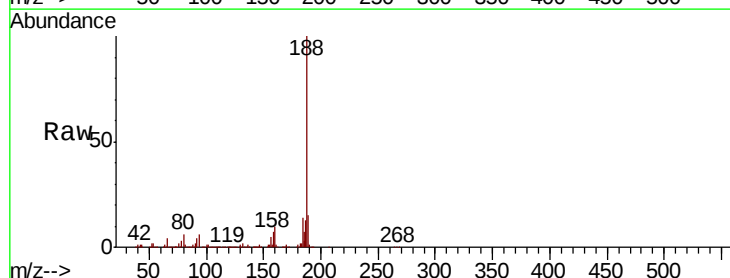
Tgt Ion: 188 Resp: 418089

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.7	7.1
80	6.4	5.8	8.8

188 100

94 6.1 4.7 7.1

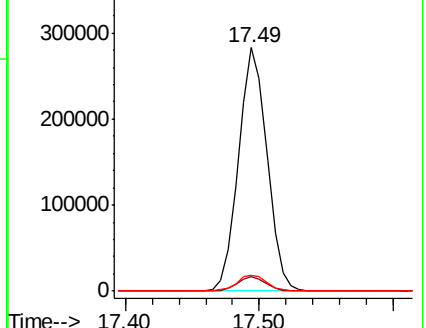
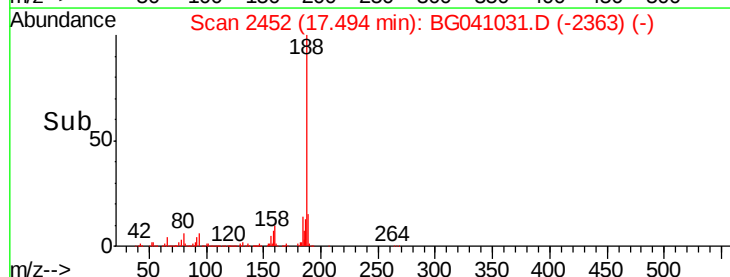
80 6.4 5.8 8.8

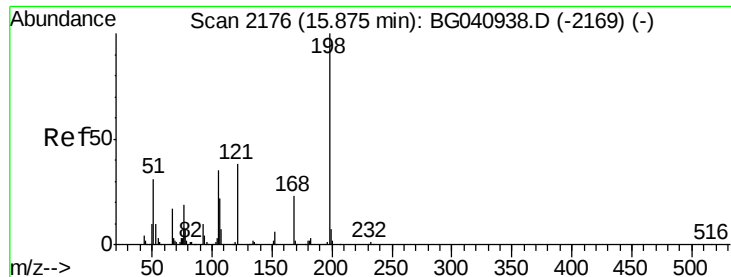


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.700 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

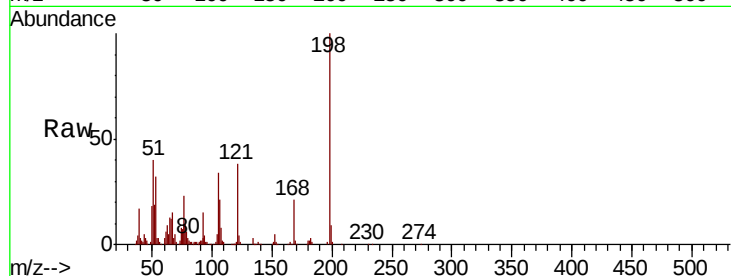
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 103990

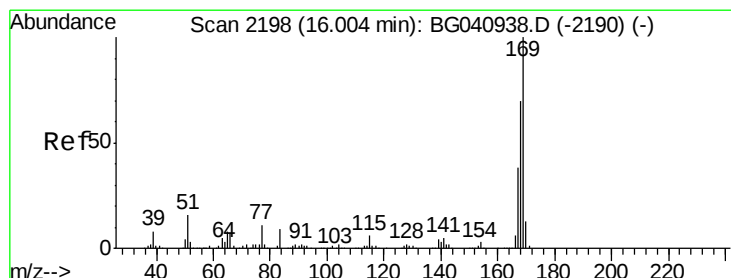
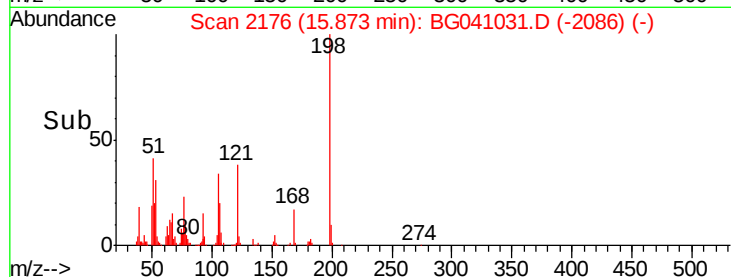
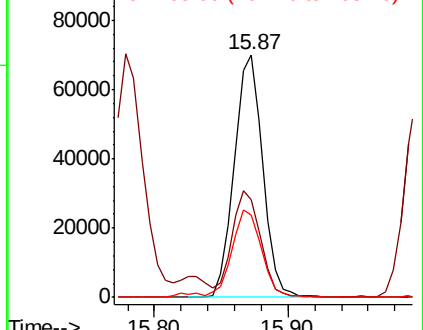
Ion	Ratio	Lower	Upper
198	100		
51	40.1	21.6	61.6
105	34.1	17.5	57.5



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: 45.404 ng

RT: 16.00 min Scan# 2198

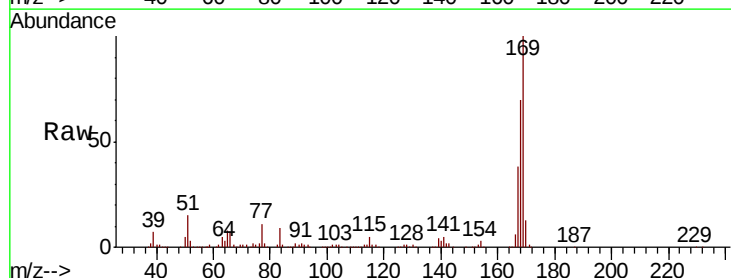
Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:169 Resp: 533631

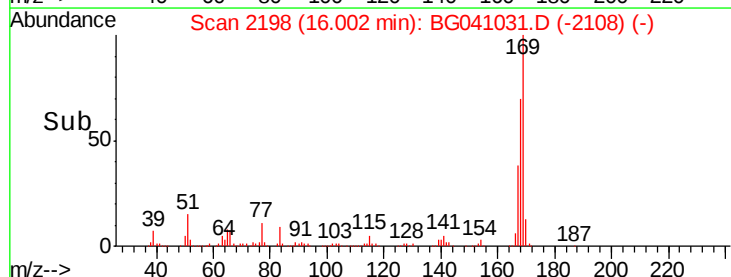
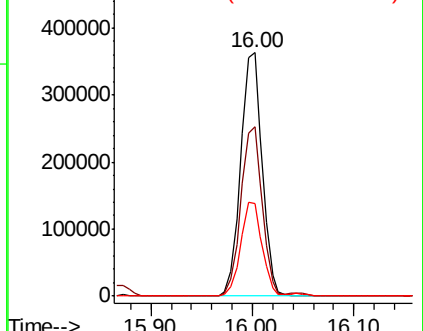
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.2	30.2	45.2



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

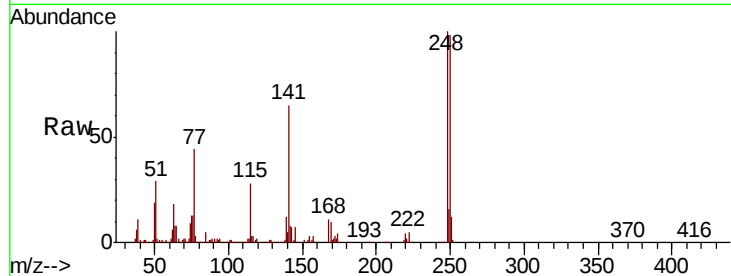




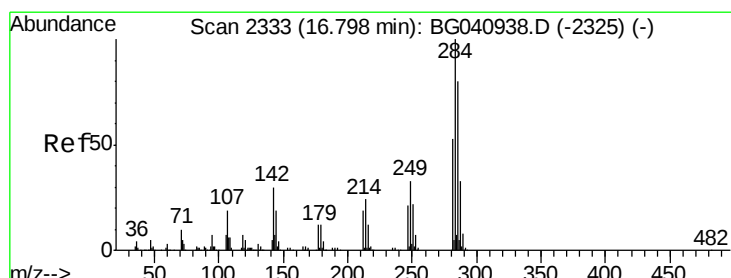
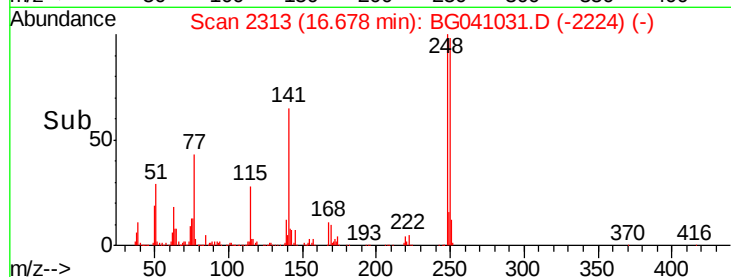
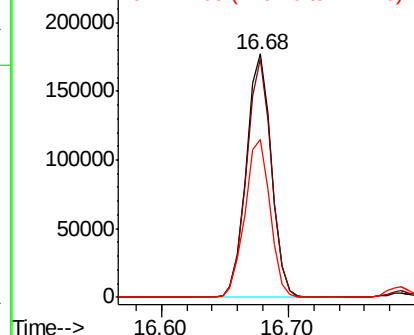
#67
4-Bromophenyl-phenylether
Concen: 43.119 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 243291
Ion Ratio Lower Upper
248 100
250 97.9 75.0 112.4
141 64.9 52.4 78.6

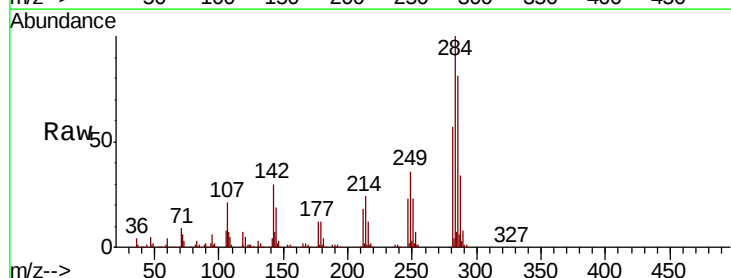


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

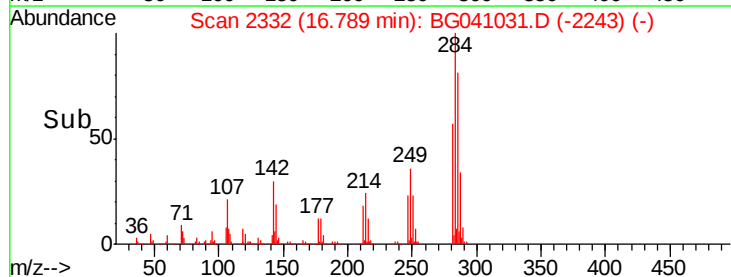
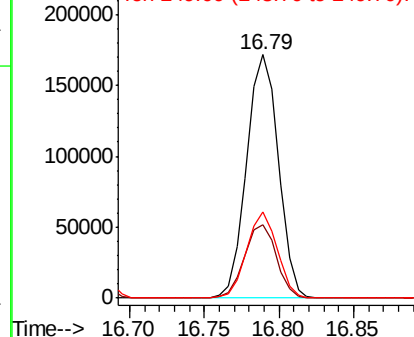


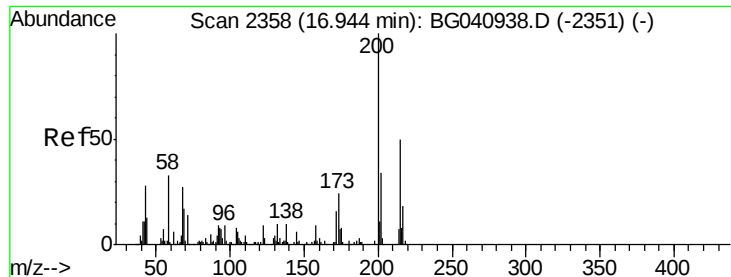
#68
Hexachlorobenzene
Concen: 41.980 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion:284 Resp: 252222
Ion Ratio Lower Upper
284 100
142 30.2 23.9 35.9
249 35.6 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

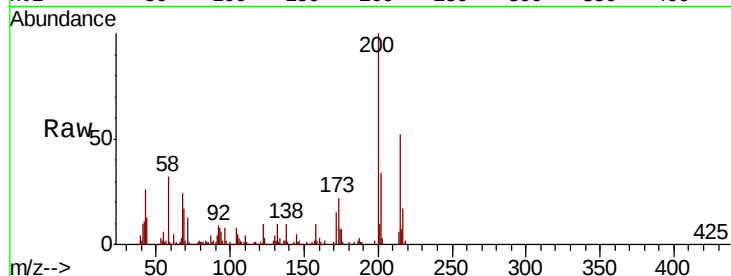




#69
Atrazine
Concen: 49.760 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.6	3.6	43.6
215	51.8	29.6	69.6

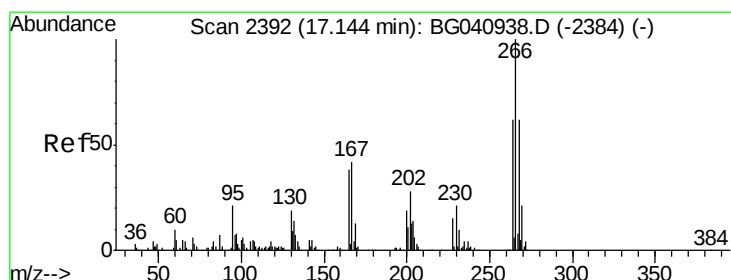
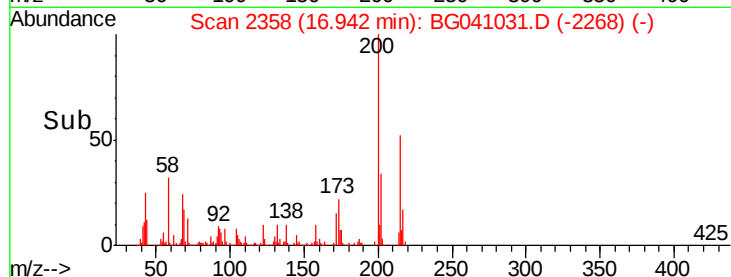
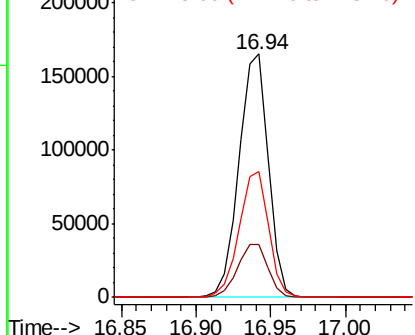


Abundance

Ion 200.00 (199.70 to 200.70): E

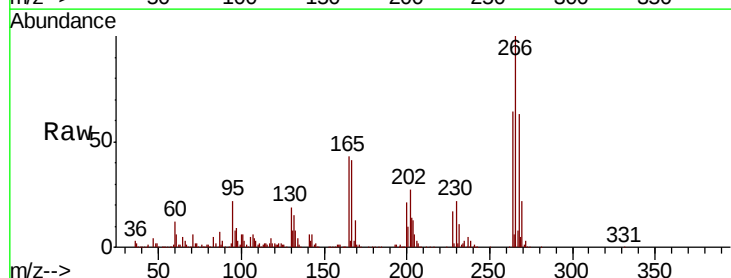
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 91.594 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.1	79.7
264	64.3	49.9	74.9

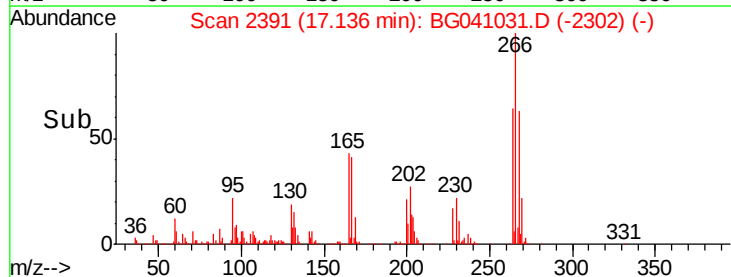
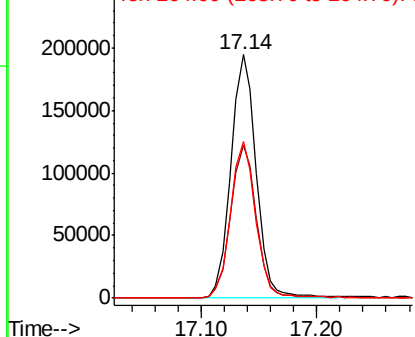


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.018 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

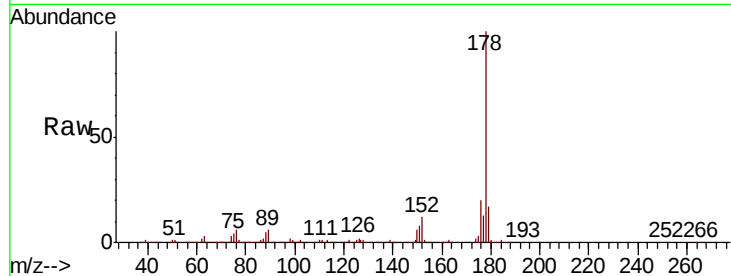
Tot Ion:178 Resp: 980385

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

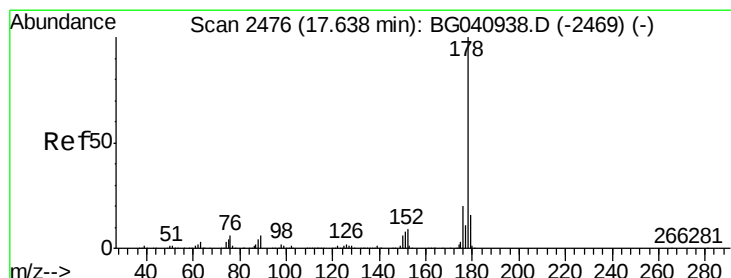
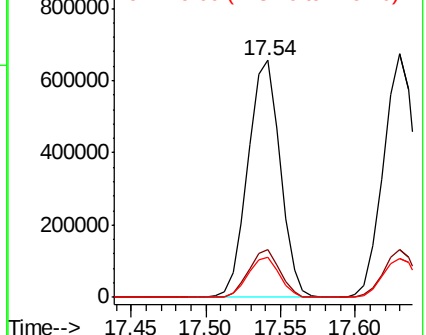
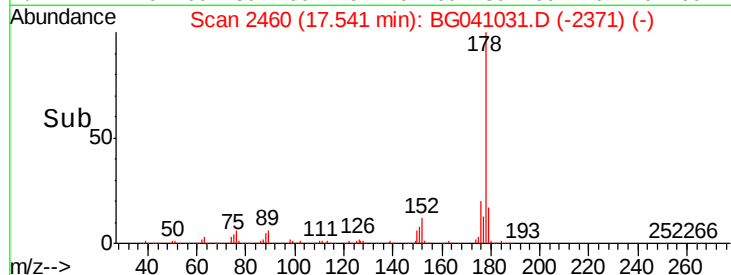
179 16.8 12.7 19.1



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: 46.942 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

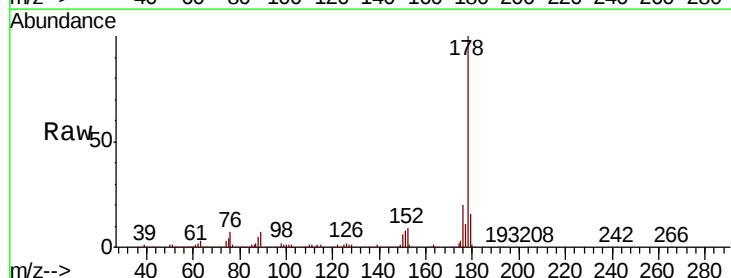
Tgt Ion:178 Resp: 1008250

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

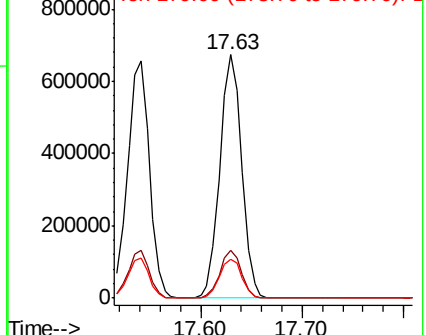
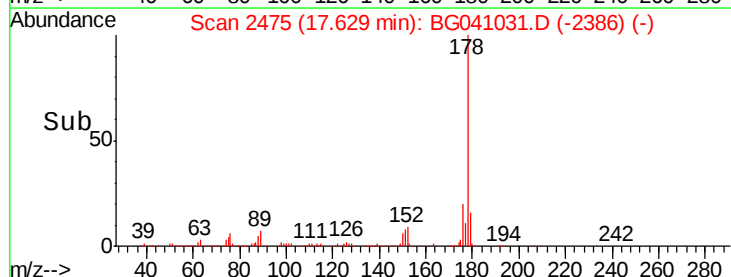
179 16.1 13.0 19.4



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

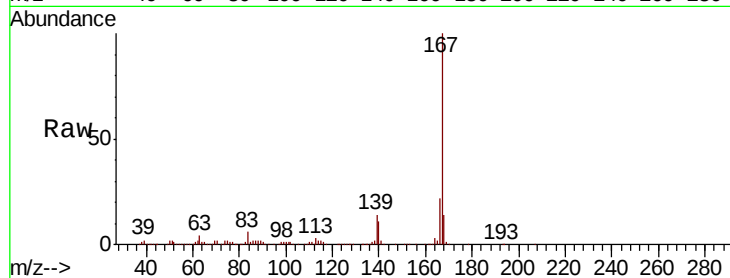




#73
 Carbazole
 Concen: 48.566 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	10.8	16.2

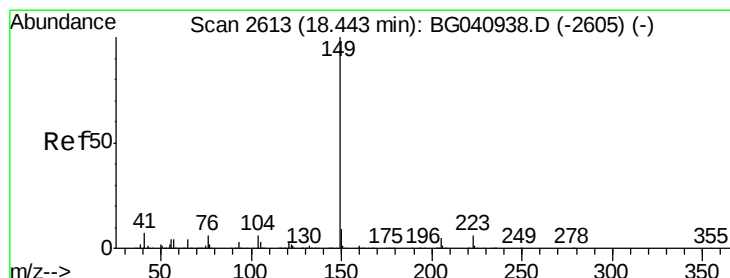
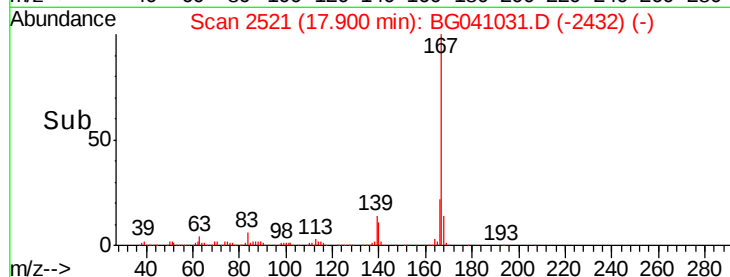
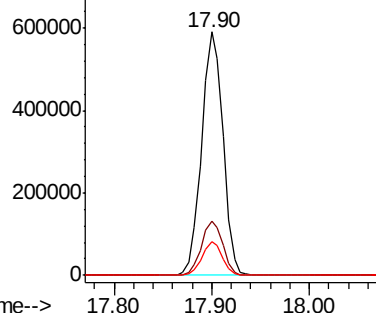


Abundance

Ion 167.00 (166.70 to 167.70): E

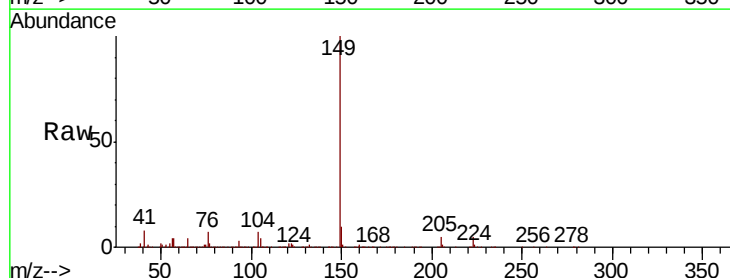
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.157 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.6	5.0	7.4

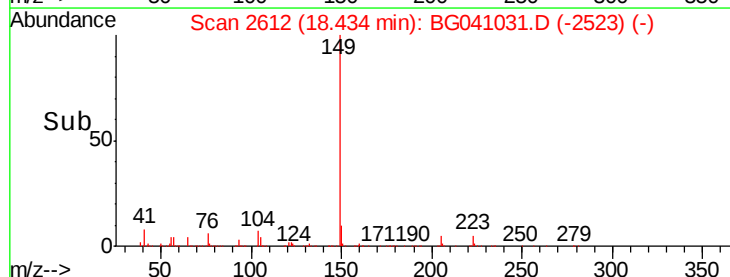
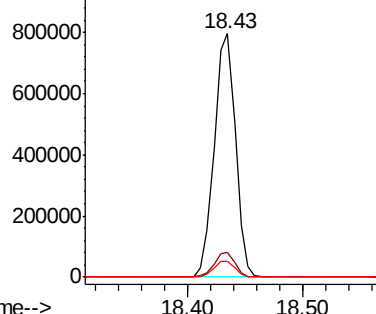


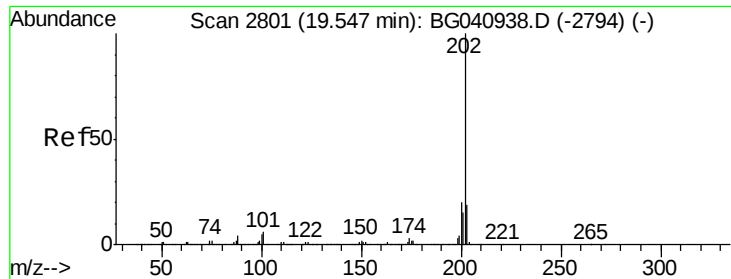
Abundance

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: 46.563 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampled :

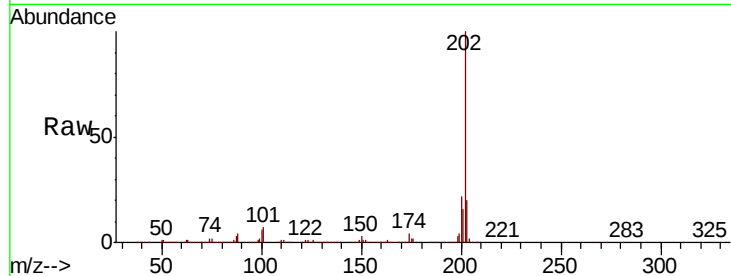
Tot Ion:202 Resp: 1252503

Ion Ratio Lower Upper

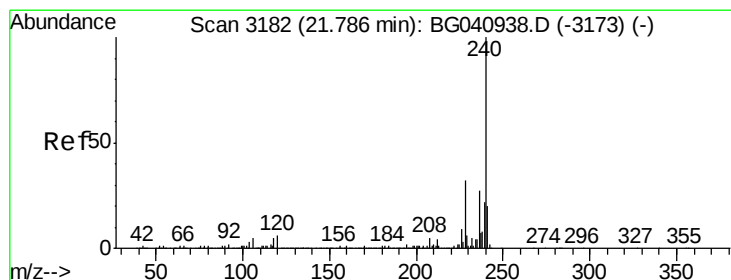
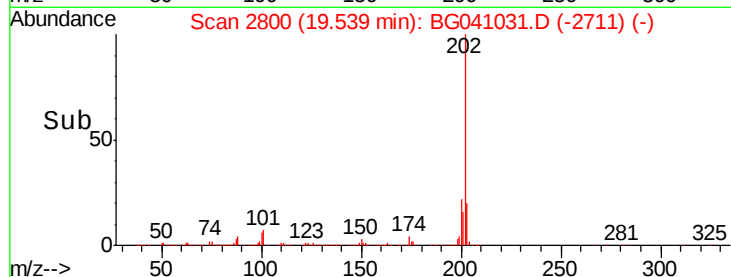
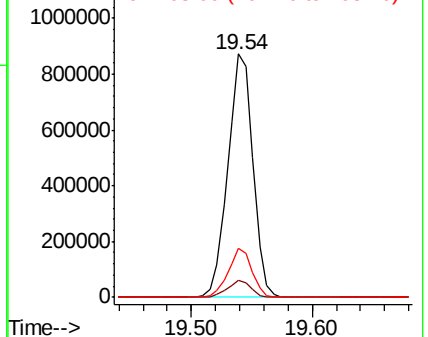
202 100

101 6.9 0.0 26.2

203 20.1 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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

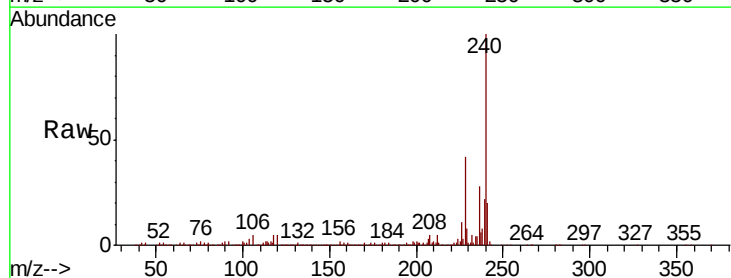
Tgt Ion:240 Resp: 417414

Ion Ratio Lower Upper

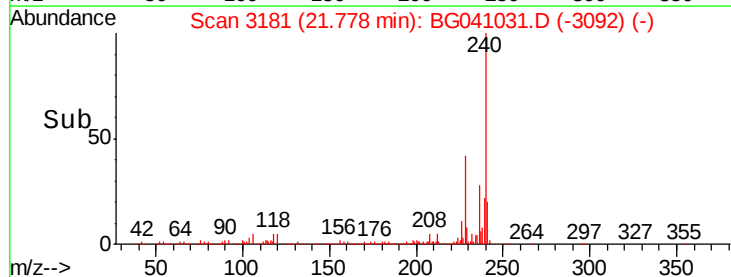
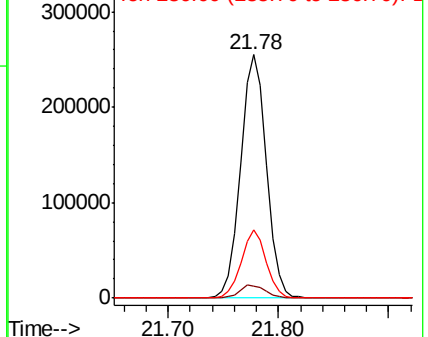
240 100

120 4.8 4.5 6.7

236 27.9 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: 10.322 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

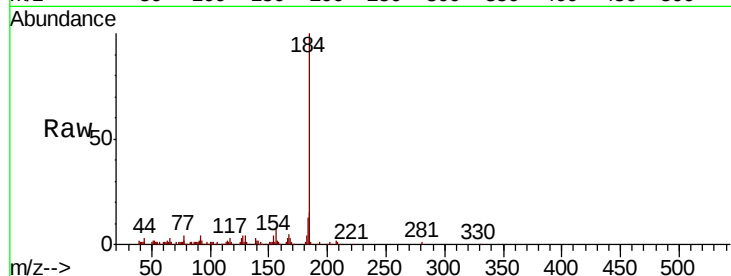
Tot Ion:184 Resp: 102786

Ion Ratio Lower Upper

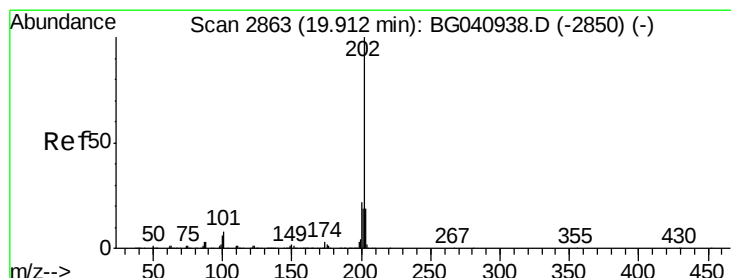
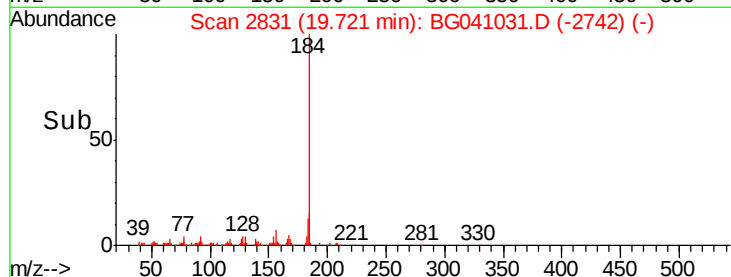
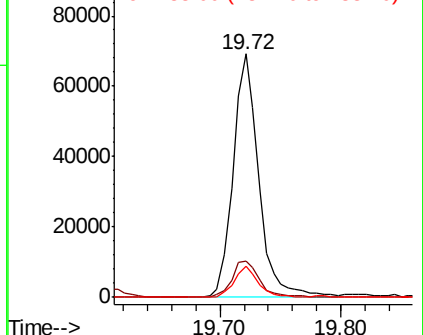
184 100

185 15.1 13.3 19.9

183 12.8 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: 46.431 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

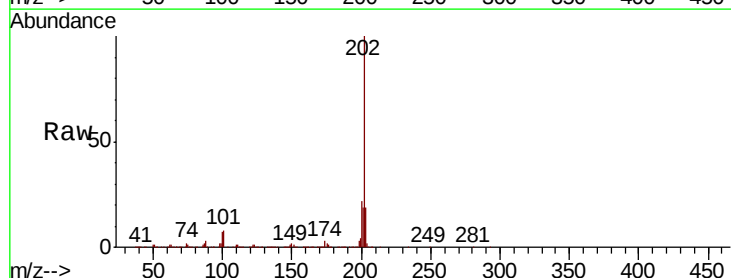
Tgt Ion:202 Resp: 1259896

Ion Ratio Lower Upper

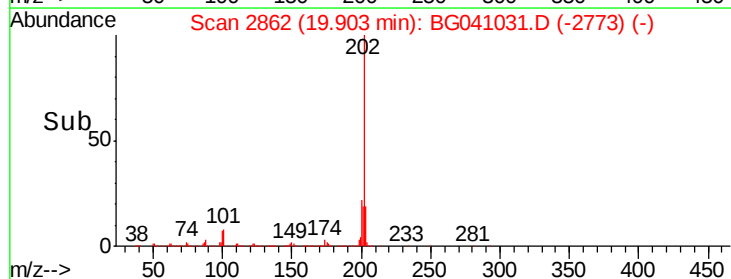
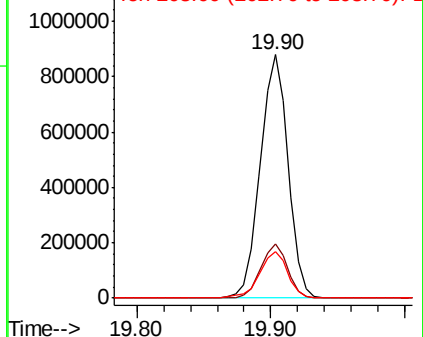
202 100

200 22.3 17.5 26.3

203 19.1 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: 87.751 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

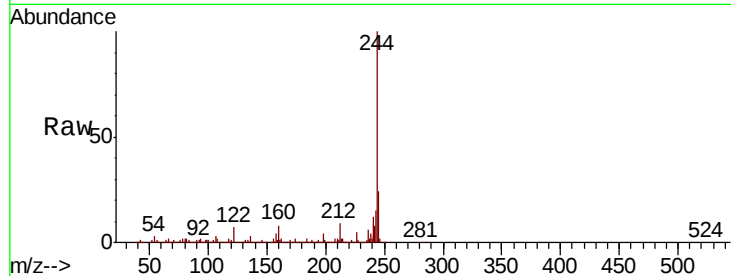
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1725859

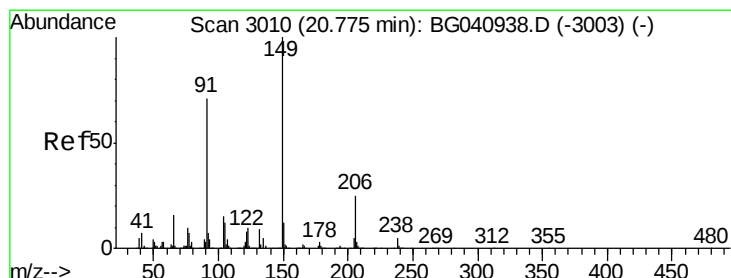
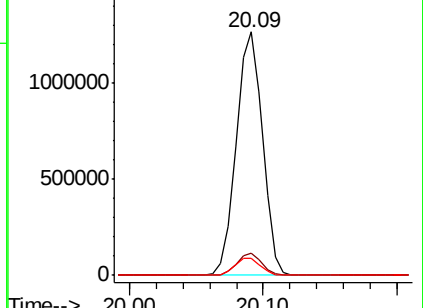
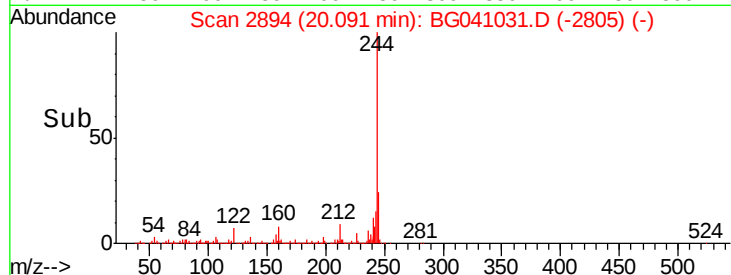
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	7.2	5.4	8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.397 ng

RT: 20.77 min Scan# 3009

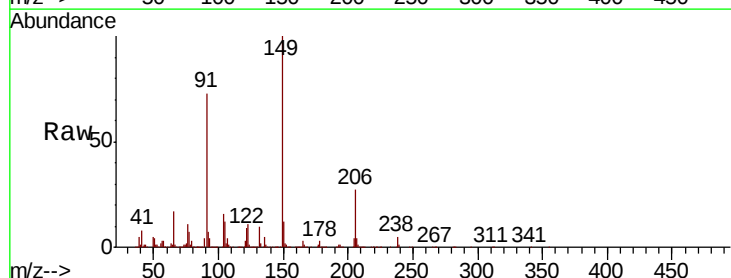
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:149 Resp: 489938

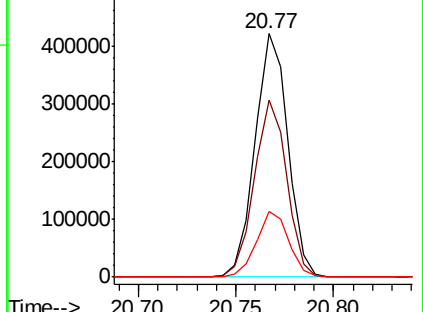
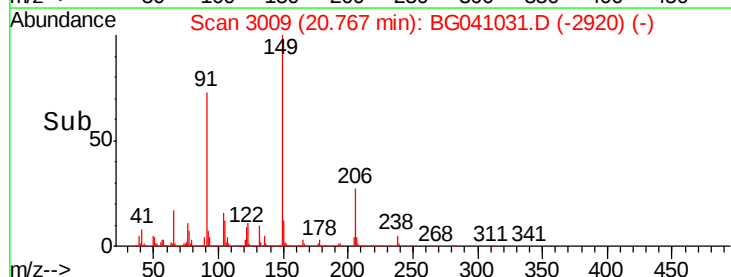
Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.5	84.7
206	27.0	20.3	30.5

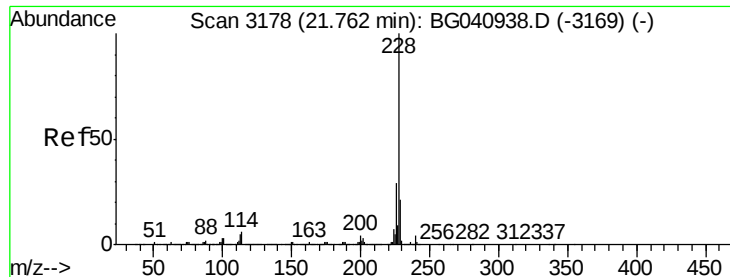


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.707 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

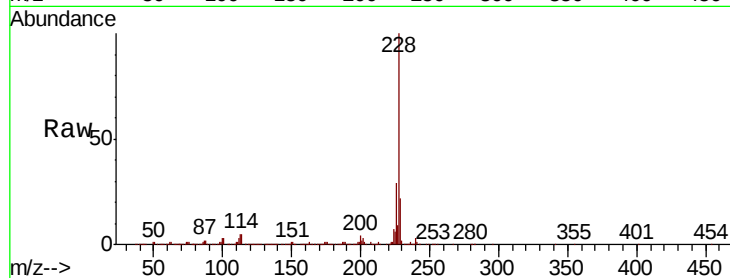
Tot Ion:228 Resp: 1242223

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.9	16.7	25.1

228 100

226 29.1 23.5 35.3

229 21.9 16.7 25.1

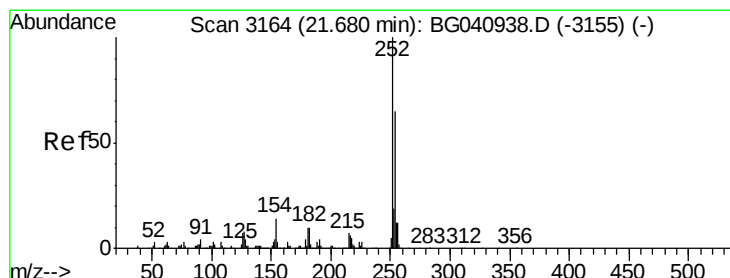
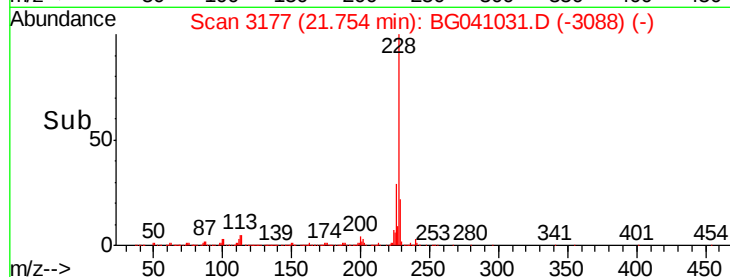
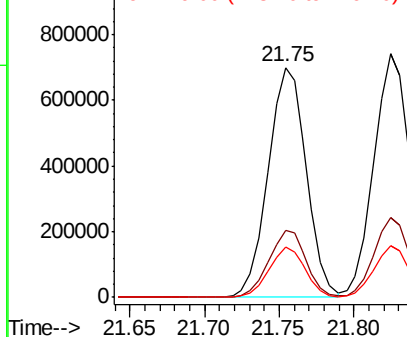


Abundance

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: 18.744 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

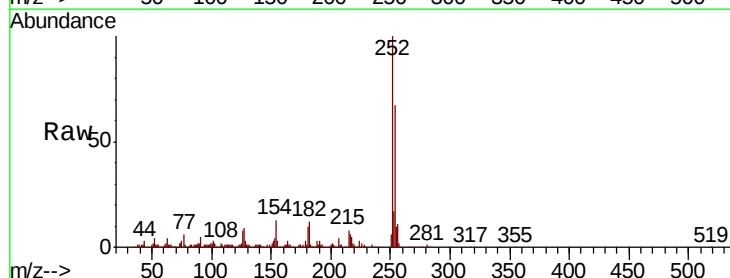
Tgt Ion:252 Resp: 183185

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.1	78.1
126	8.2	5.5	8.3

252 100

254 67.1 52.1 78.1

126 8.2 5.5 8.3

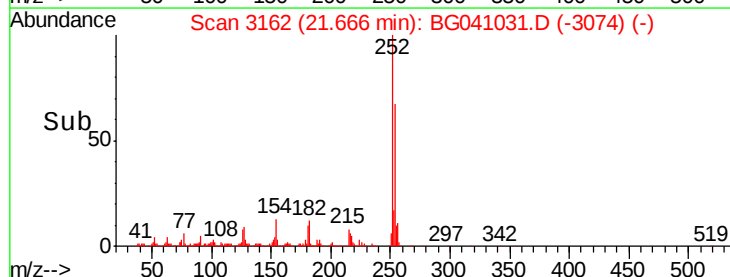
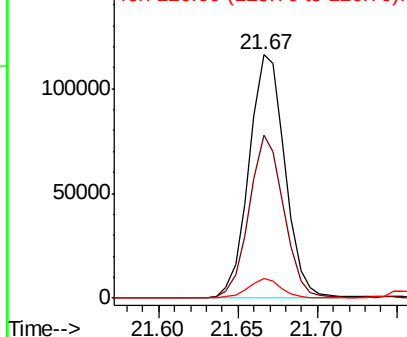


Abundance

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: 45.440 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

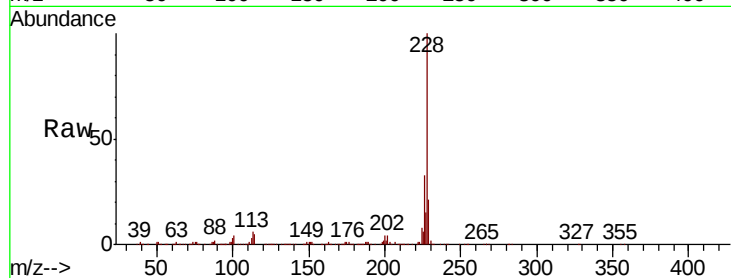
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1208248

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	21.3	16.6	24.8

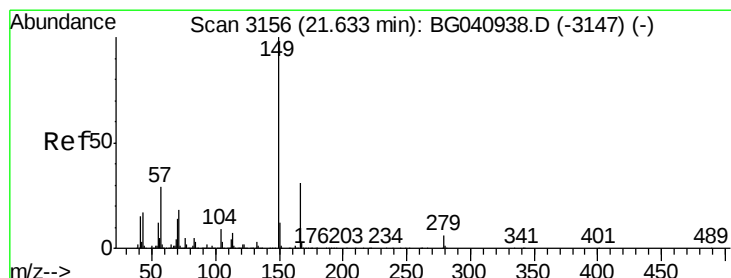
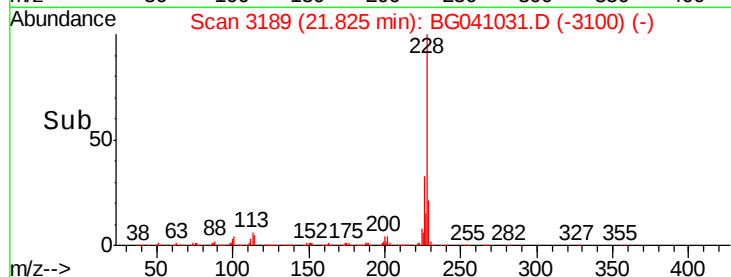
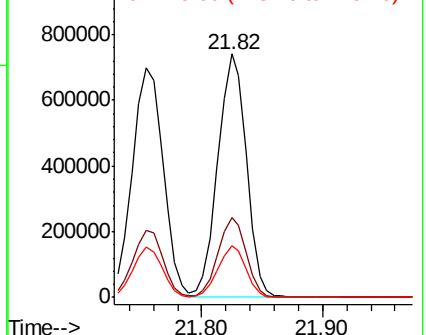


Abundance

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: 45.295 ng

RT: 21.62 min Scan# 3155

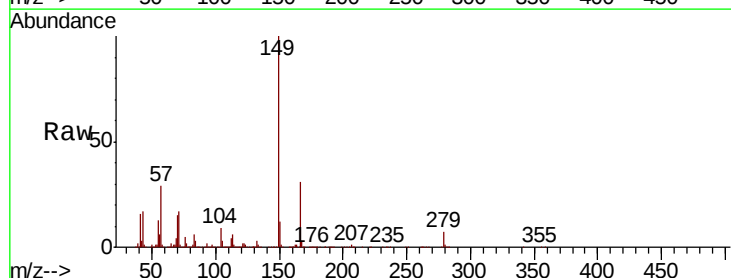
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:149 Resp: 673303

Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.6	37.0
279	6.6	5.0	7.6

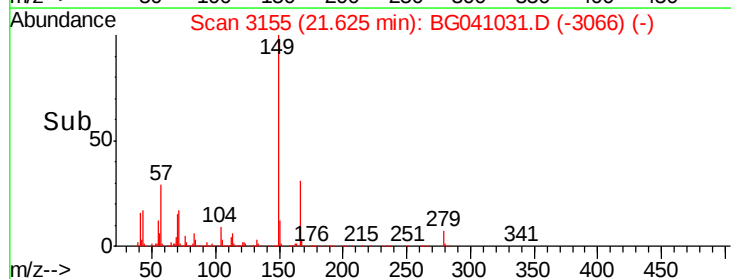
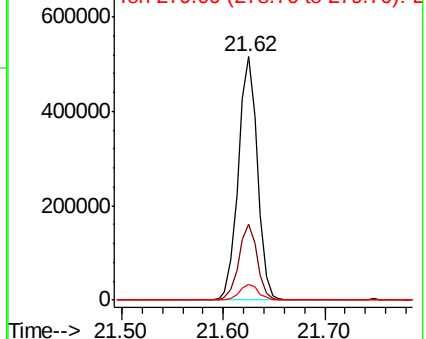


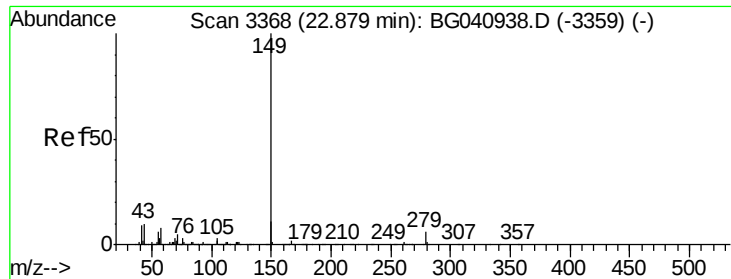
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.970 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

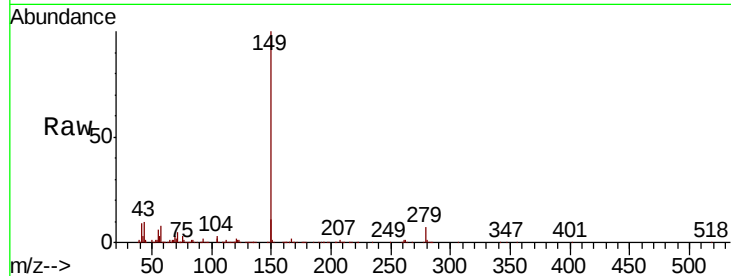
Tot Ion:149 Resp: 1138082

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

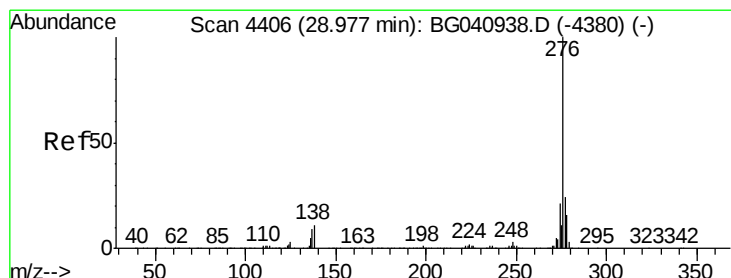
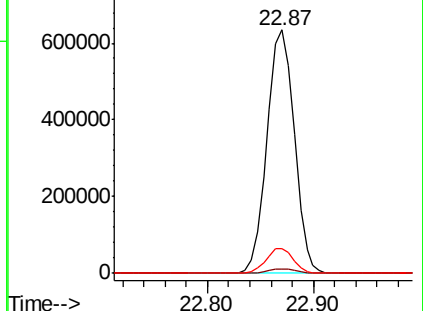
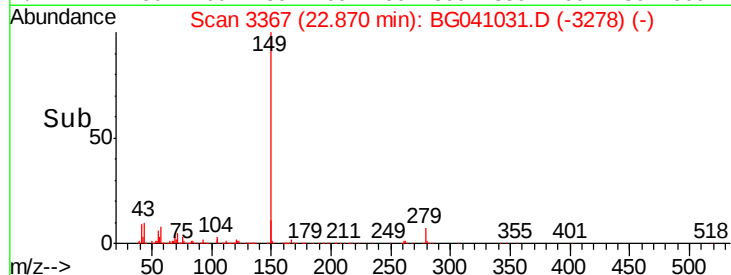
43 10.3 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.642 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

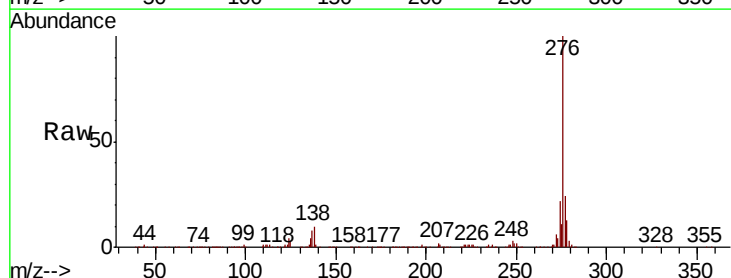
Tgt Ion:276 Resp: 1486652

Ion Ratio Lower Upper

276 100

138 5.3 5.7 8.5#

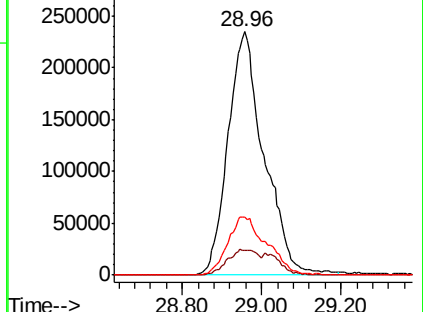
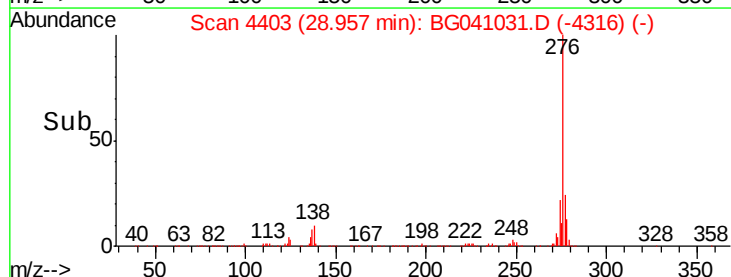
277 25.7 20.8 31.2

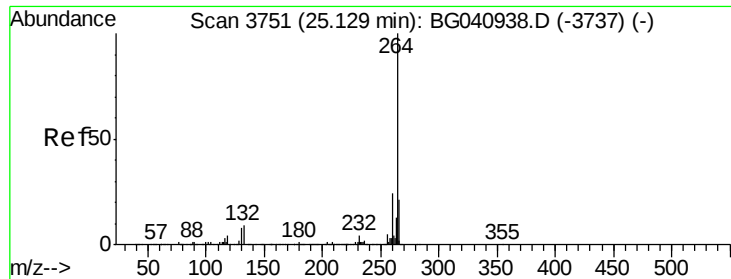


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

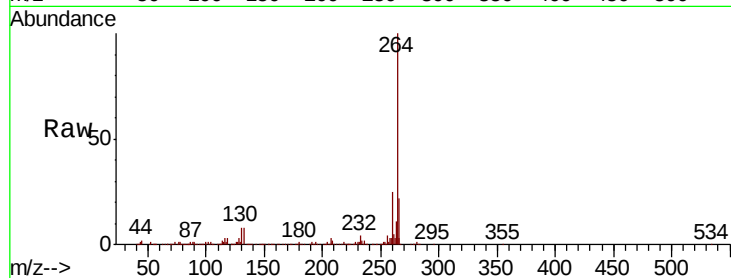
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 446648

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.3	17.0	25.4

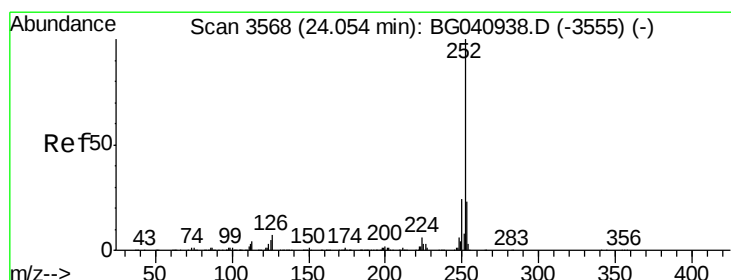
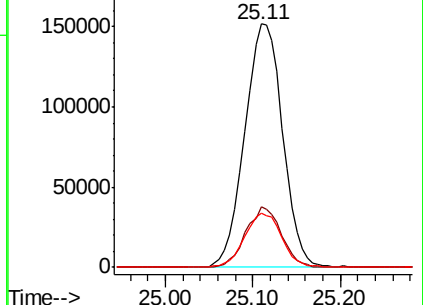
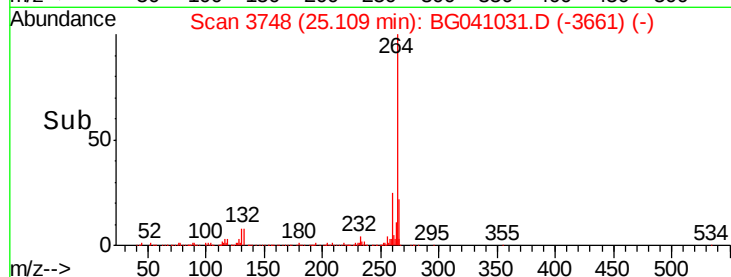


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.626 ng

RT: 24.05 min Scan# 3567

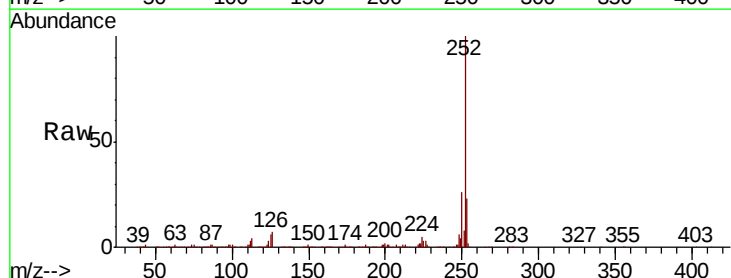
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:252 Resp: 1263128

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.0	4.3	6.5

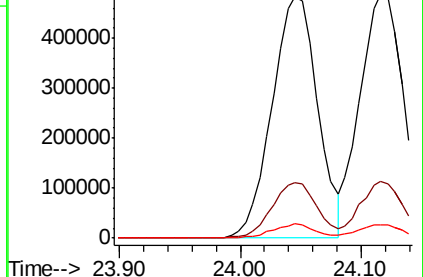
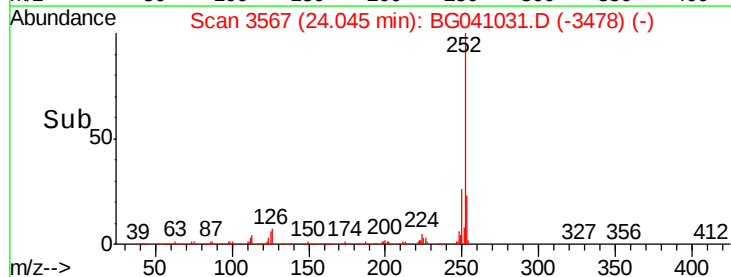


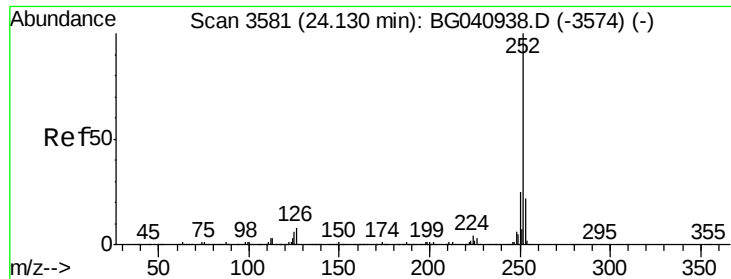
Abundance

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: 45.488 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

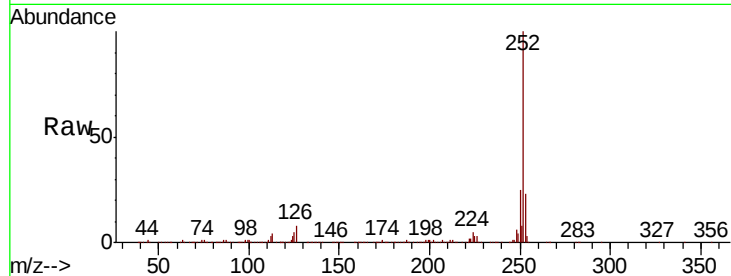
Tot Ion:252 Resp: 1219454

Ion Ratio Lower Upper

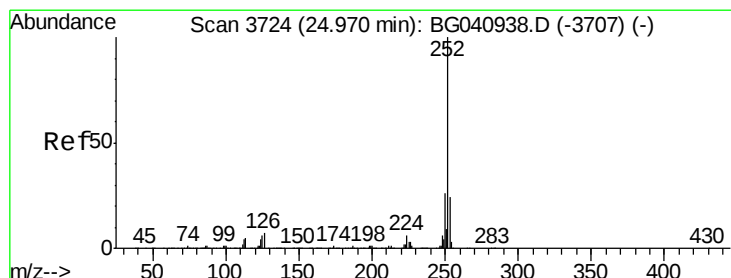
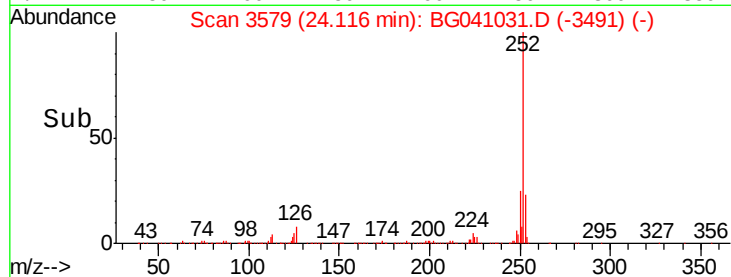
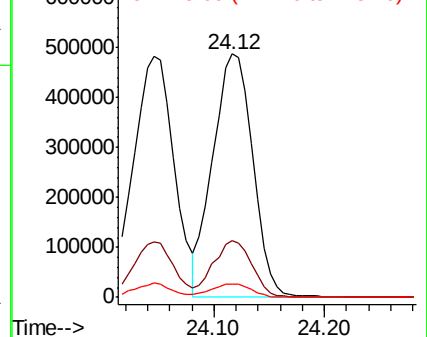
252 100

253 23.5 17.8 26.6

125 5.5 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 47.491 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

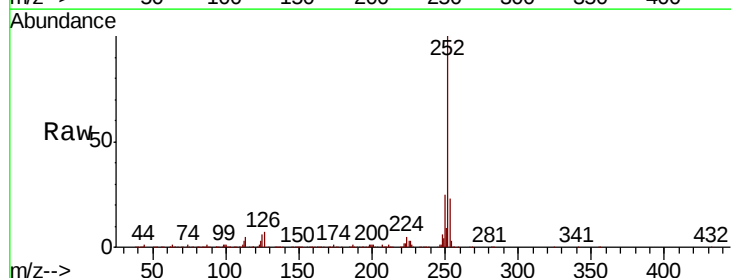
Tgt Ion:252 Resp: 1227465

Ion Ratio Lower Upper

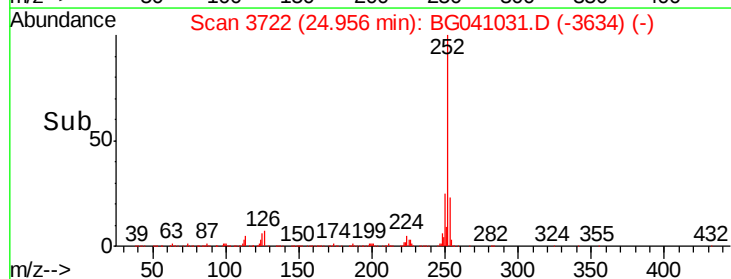
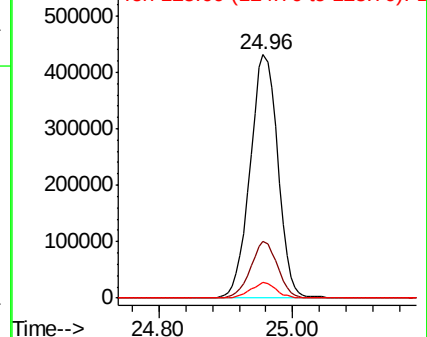
252 100

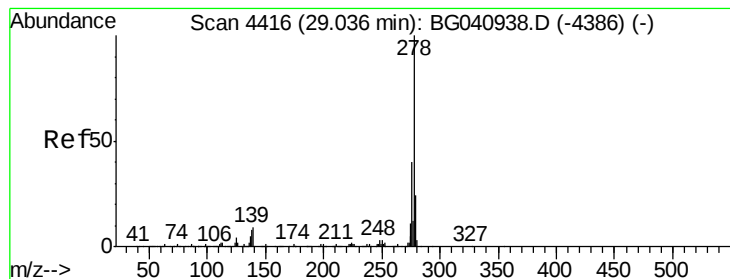
253 23.2 19.5 29.3

125 6.3 5.1 7.7



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





#91

Dibenzo(a,h)anthracene

Concen: 47.229 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

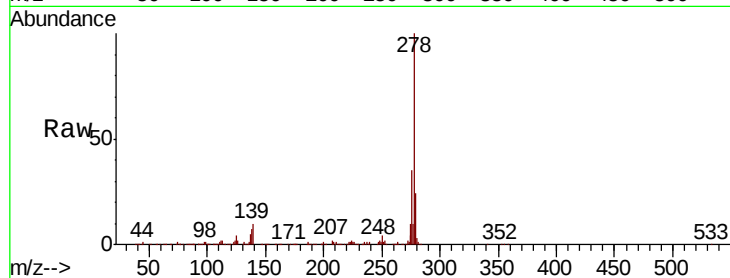
Tot Ion:278 Resp: 1219753

Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.1	10.7
279	24.0	19.4	29.2

278 100

139 10.2 7.1 10.7

279 24.0 19.4 29.2

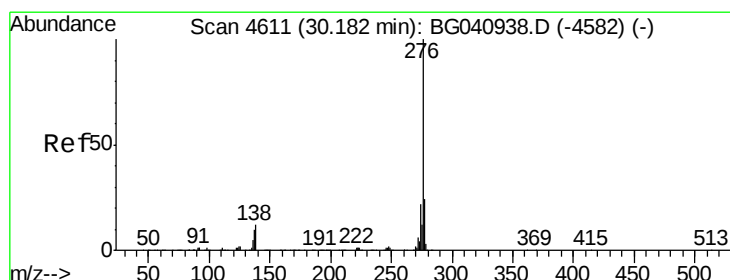
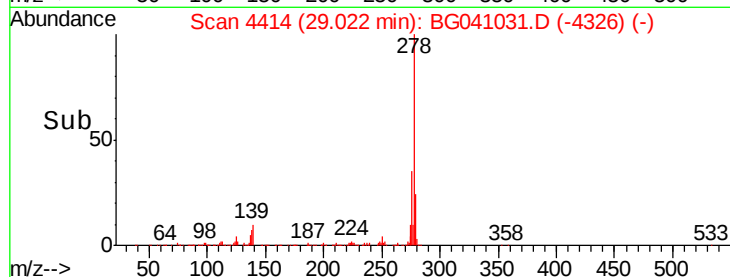
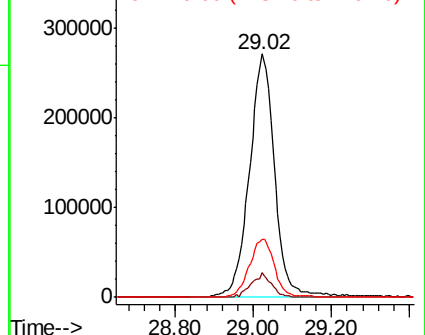


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.444 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

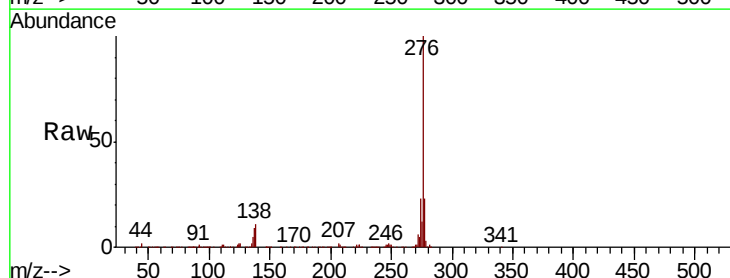
Tgt Ion:276 Resp: 1215485

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	10.9	9.7	14.5

276 100

277 23.3 19.4 29.0

138 10.9 9.7 14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

