

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043502.D
 Acq On : 5 Nov 2019 11:25
 Operator : JU
 Sample : PB124505BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 00:44:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30385	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	123763	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94446	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	231377	20.00	ng	0.00
76) Chrysene-d12	21.66	240	270986	20.00	ng	0.00
87) Perylene-d12	24.86	264	248847	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	217935	131.43	ng	0.00
7) Phenol-d6	7.20	99	289882	121.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	148390	61.81	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	194621	108.28	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	409908	59.97	ng	0.00
79) Terphenyl-d14	20.00	244	884110	61.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	24552	37.996	ng	# 94
3) Pyridine	3.87	79	57346	35.182	ng	93
4) n-Nitrosodimethylamine	3.79	42	32943	40.052	ng	95
6) Aniline	7.34	93	78121	28.426	ng	98
8) 2-Chlorophenol	7.58	128	88305	48.243	ng	96
9) Benzaldehyde	7.15	77	28263	24.106	ng	88
10) Phenol	7.22	94	102366	46.956	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	68434	40.602	ng	99
12) 1,3-Dichlorobenzene	7.90	146	91925	40.083	ng	96
13) 1,4-Dichlorobenzene	8.05	146	95494	41.155	ng	98
14) 1,2-Dichlorobenzene	8.36	146	91444	40.363	ng	97
15) Benzyl Alcohol	8.25	79	74314	44.354	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92947	37.925	ng	97
17) 2-Methylphenol	8.47	107	70371	44.279	ng	97
18) Hexachloroethane	9.09	117	34437	41.136	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	59480	38.583	ng	# 95
20) 3+4-Methylphenols	8.80	107	91877	42.160	ng	92
22) Acetophenone	8.83	105	122225	38.564	ng	# 95
24) Nitrobenzene	9.22	77	94383	41.272	ng	98
25) Isophorone	9.73	82	172792	39.369	ng	99
26) 2-Nitrophenol	9.93	139	49890	45.188	ng	94
27) 2,4-Dimethylphenol	10.00	122	79115	49.996	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	96783	39.954	ng	98
29) 2,4-Dichlorophenol	10.48	162	92780	45.761	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	100412	39.294	ng	92
31) Naphthalene	10.87	128	262749	41.825	ng	99
32) Benzoic acid	10.16	122	40115	35.990	ng	90
33) 4-Chloroaniline	10.99	127	66000	25.630	ng	99
34) Hexachlorobutadiene	11.15	225	70999	37.585	ng	95
35) Caprolactam	11.75	113	18195	26.057	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	96980	43.851	ng	97
37) 2-Methylnaphthalene	12.47	142	204460	42.417	ng	98
38) 1-Methylnaphthalene	12.69	142	187361	40.853	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	127735	36.545	ng	97

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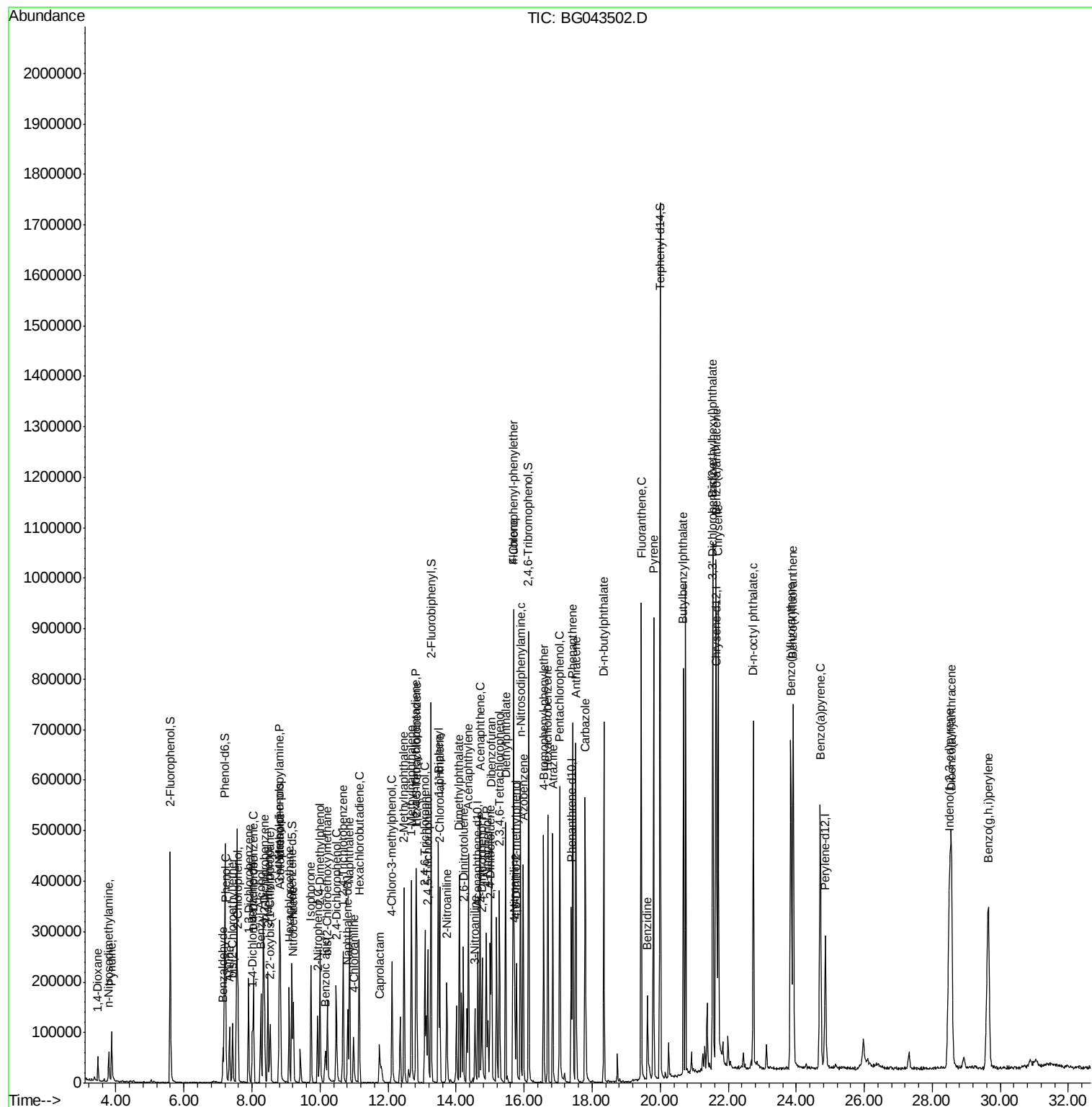
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	100807	54.903	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	83823	40.722	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	89307	42.915	nq	# 94
46) 1,1'-Biphenyl	13.48	154	268510	37.371	nq	98
47) 2-Chloronaphthalene	13.52	162	211774	38.738	nq	99
48) 2-Nitroaniline	13.73	65	64011	39.176	nq	94
49) Acenaphthylene	14.36	152	346435	40.717	nq	98
50) Dimethylphthalate	14.10	163	285312	39.001	nq	97
51) 2,6-Dinitrotoluene	14.22	165	63636	40.041	nq	95
52) Acenaphthene	14.70	154	205516	39.609	nq	99
53) 3-Nitroaniline	14.55	138	44734	29.154	nq	99
54) 2,4-Dinitrophenol	14.76	184	77128	77.925	nq	95
55) Dibenzofuran	15.04	168	337630	40.126	nq	98
56) 4-Nitrophenol	14.89	139	100468	97.707	nq	92
57) 2,4-Dinitrotoluene	15.00	165	93793	41.296	nq	# 98
58) Fluorene	15.69	166	283748	40.207	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	93872	42.457	nq	97
60) Diethylphthalate	15.46	149	290707	39.549	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	157840	38.339	nq	96
62) 4-Nitroaniline	15.71	138	64691	40.823	nq	97
63) Azobenzene	15.97	77	240491	40.426	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	60547	44.466	nq	95
66) n-Nitrosodiphenylamine	15.90	169	258152	39.519	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	115499	37.092	nq	96
68) Hexachlorobenzene	16.70	284	130002	36.372	nq	97
69) Atrazine	16.84	200	114729	50.545	nq	96
70) Pentachlorophenol	17.05	266	135717	83.330	nq	98
71) Phenanthrene	17.43	178	471163	39.766	nq	99
72) Anthracene	17.52	178	490507	41.378	nq	100
73) Carbazole	17.79	167	452500	42.152	nq	99
74) Di-n-butylphthalate	18.35	149	541414	41.566	nq	99
75) Fluoranthene	19.44	202	652282	42.229	nq	99
77) Benzidine	19.62	184	160166	29.368	nq	96
78) Pyrene	19.80	202	655161	39.059	nq	99
80) Butylbenzylphthalate	20.69	149	251338	39.550	nq	97
81) Benzo(a)anthracene	21.64	228	676235	39.839	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	227005	34.576	nq	98
83) Chrysene	21.71	228	654210	38.790	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	363589	40.277	nq	99
85) Di-n-octyl phthalate	22.74	149	628195	41.017	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	859322	40.591	nq	# 97
88) Benzo(b)fluoranthene	23.84	252	721638	51.202	nq	99
89) Benzo(k)fluoranthene	23.91	252	718416	50.634	nq	98
90) Benzo(a)pyrene	24.70	252	655008	48.668	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	740033	53.757	nq	99
92) Benzo(g,h,i)perylene	29.65	276	728319	53.636	nq	99

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

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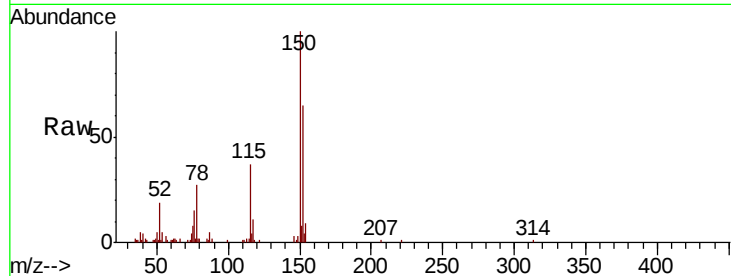


#1

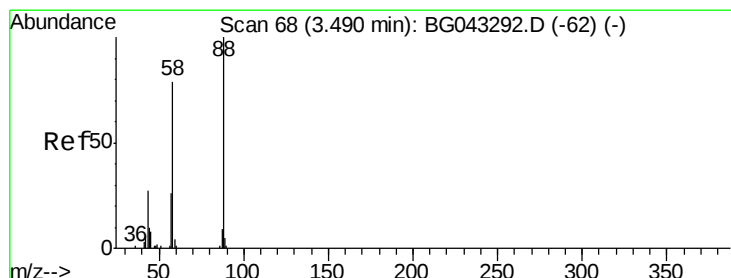
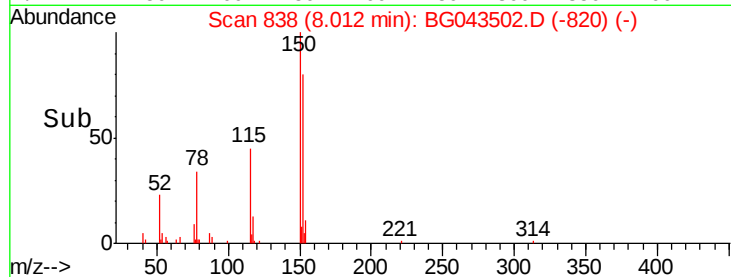
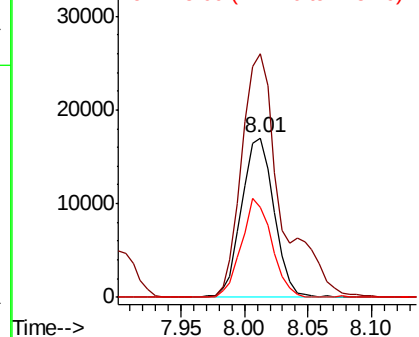
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30385
Ion Ratio Lower Upper
152 100
150 152.7 129.4 194.0
115 56.5 48.8 73.2



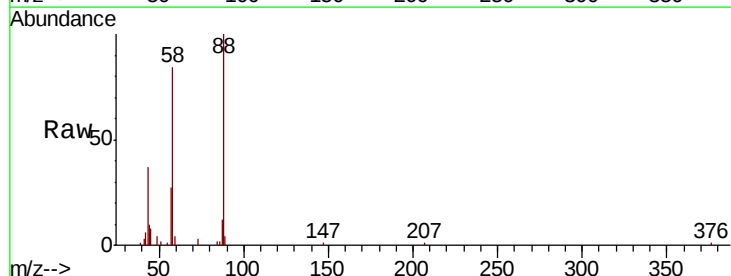
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



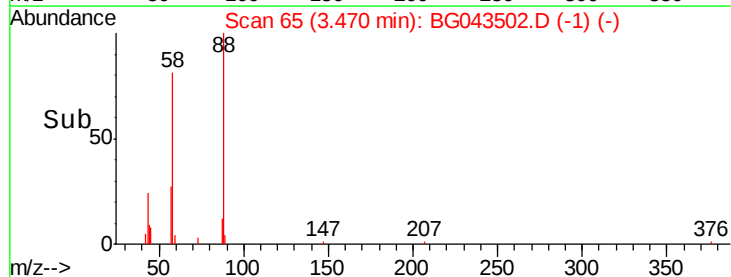
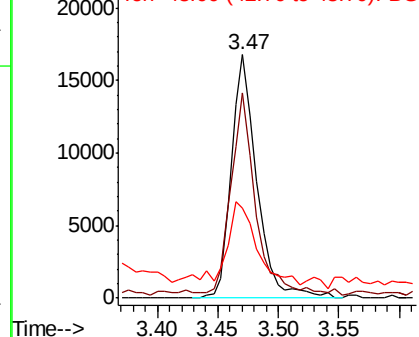
#2

1,4-Dioxane
Concen: 37.996 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion: 88 Resp: 24552
Ion Ratio Lower Upper
88 100
58 77.2 62.7 94.1
43 38.8 23.7 35.5#



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: 35.182 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

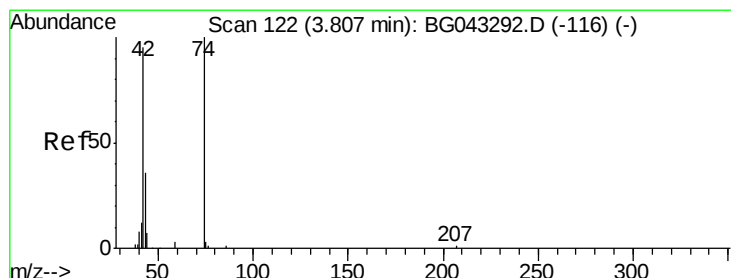
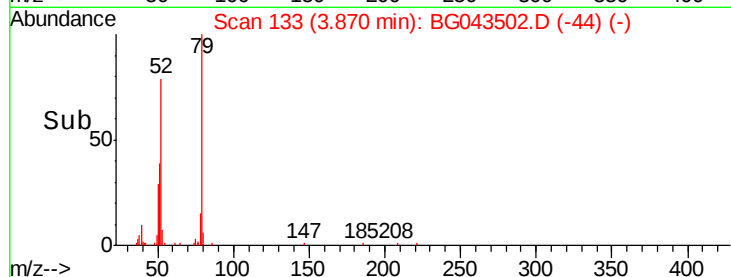
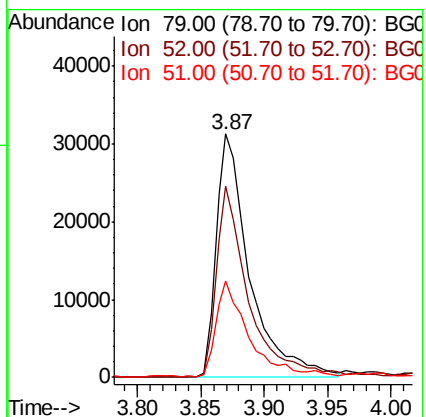
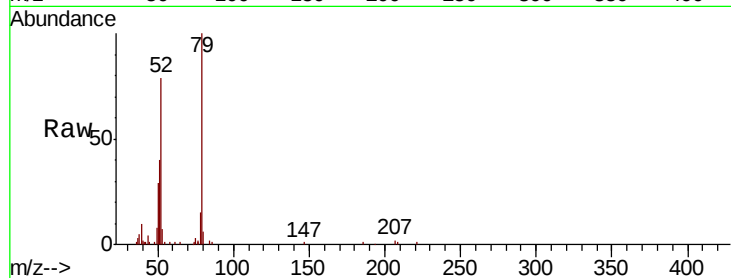
Tot Ion: 79 Resp: 57346

Ion Ratio Lower Upper

79 100

52 78.7 56.5 84.7

51 39.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 40.052 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

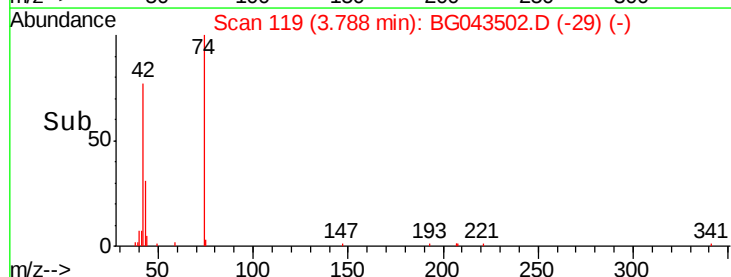
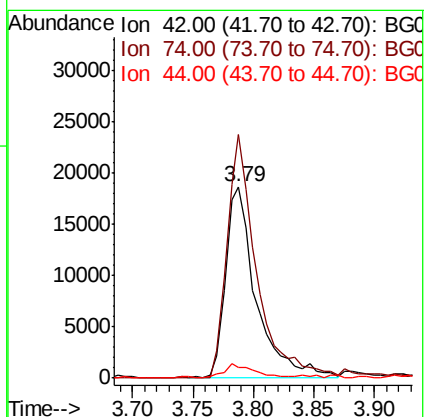
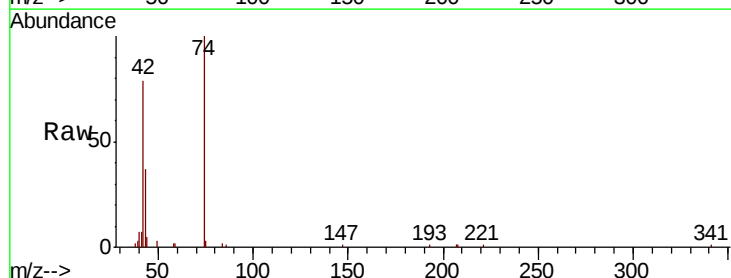
Tgt Ion: 42 Resp: 32943

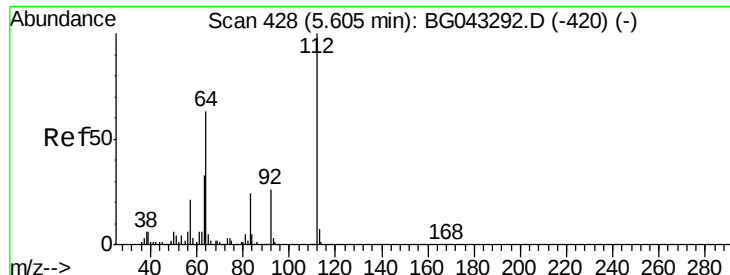
Ion Ratio Lower Upper

42 100

74 127.4 97.3 145.9

44 5.8 4.4 6.6





#5

2-Fluorophenol

Concen: 131.431 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

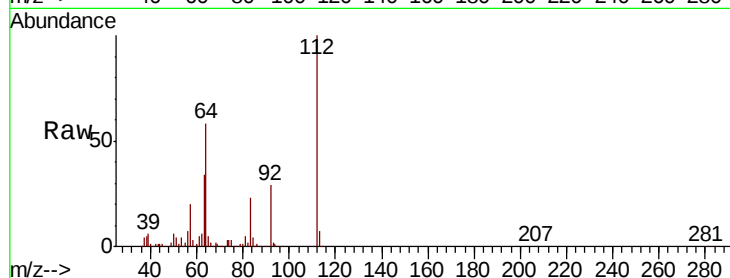
Tot Ion:112 Resp: 217935

Ion Ratio Lower Upper

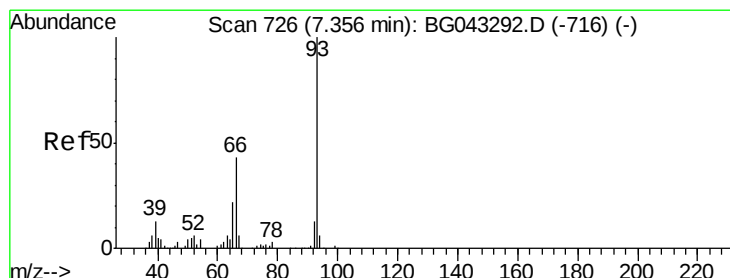
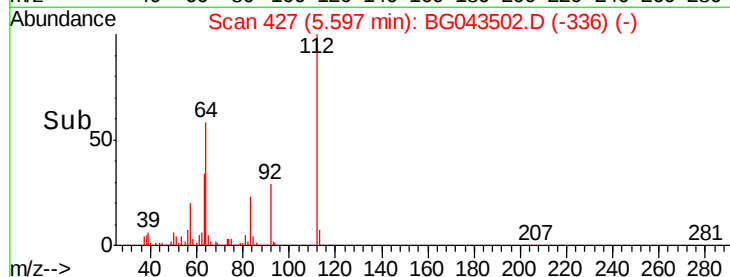
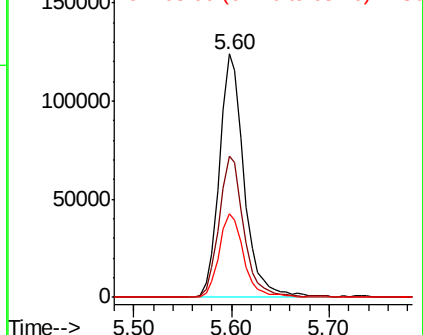
112 100

64 57.9 50.0 75.0

63 34.1 26.6 40.0



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: 28.426 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

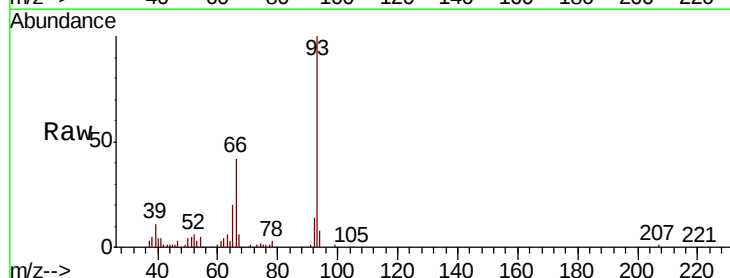
Tgt Ion: 93 Resp: 78121

Ion Ratio Lower Upper

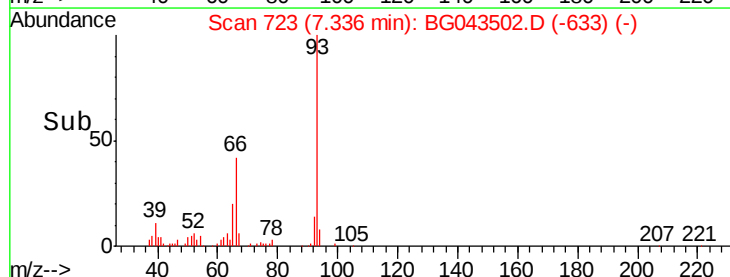
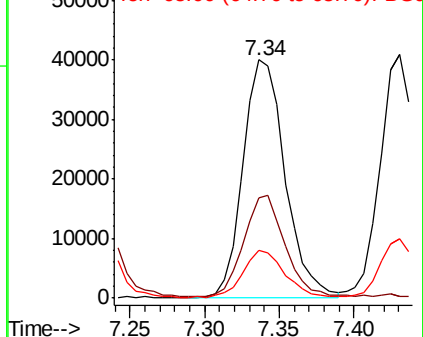
93 100

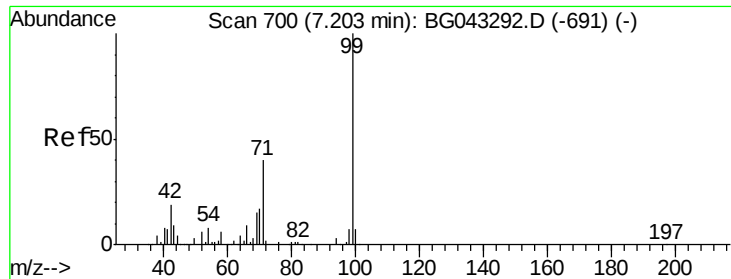
66 42.3 32.3 48.5

65 19.9 16.1 24.1



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: 121.508 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

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ClientSampleId :

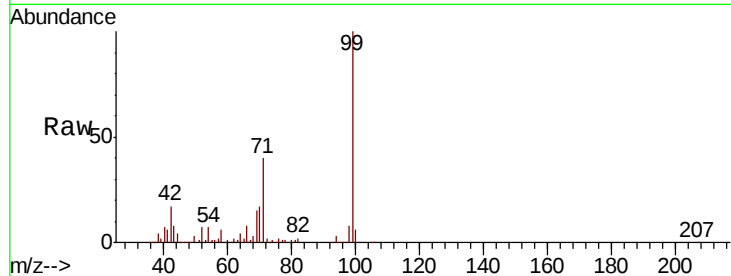
Tot Ion: 99 Resp: 289882

Ion Ratio Lower Upper

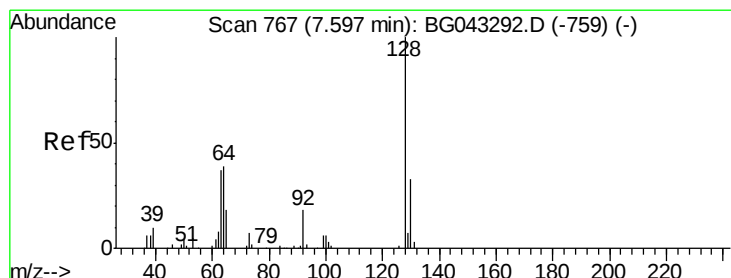
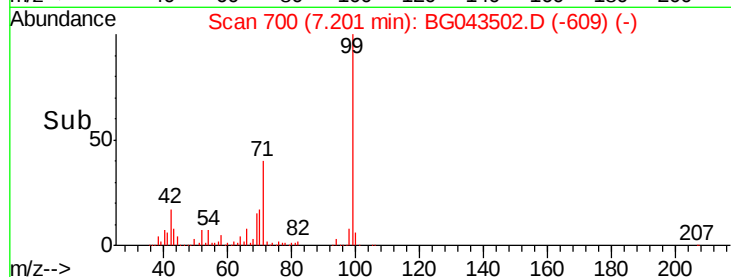
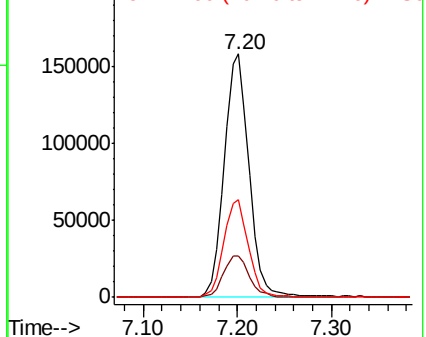
99 100

42 16.8 14.6 21.8

71 40.1 32.5 48.7



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: 48.243 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

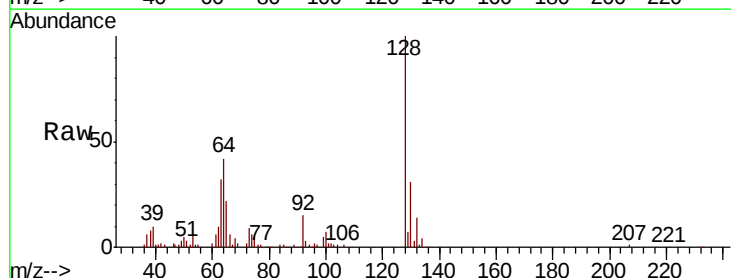
Tgt Ion: 128 Resp: 88305

Ion Ratio Lower Upper

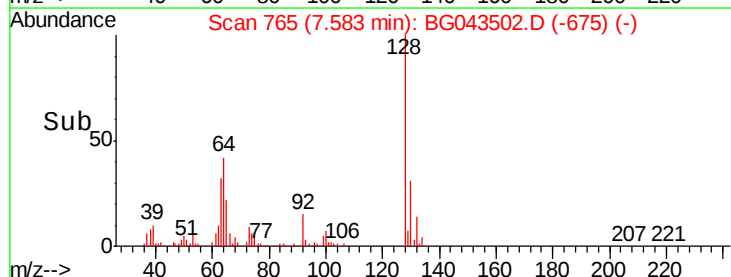
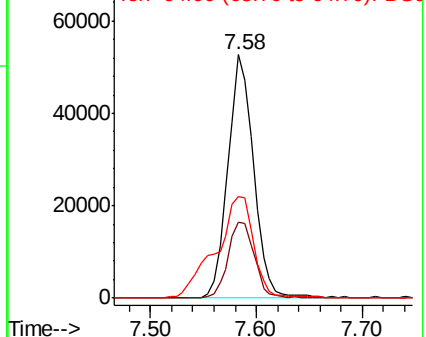
128 100

130 31.4 12.5 52.5

64 41.6 25.3 65.3



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: 24.106 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043502.D

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ClientSampleId :

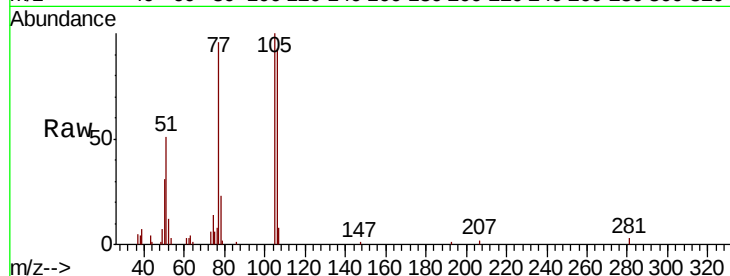
Tot Ion: 77 Resp: 28263

Ion Ratio Lower Upper

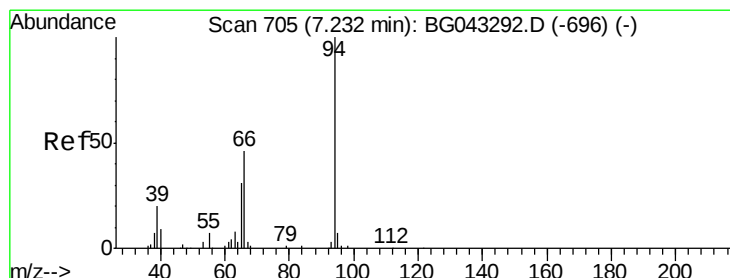
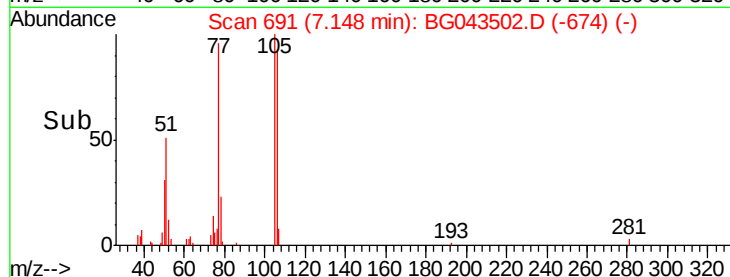
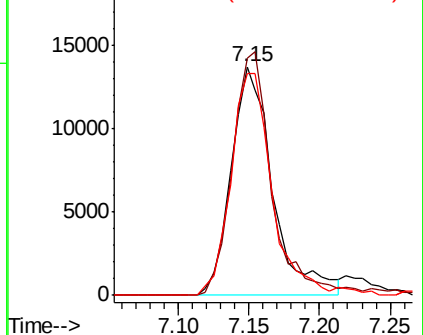
77 100

105 104.1 68.6 108.6

106 97.1 69.9 109.9



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



#10

Phenol

Concen: 46.956 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

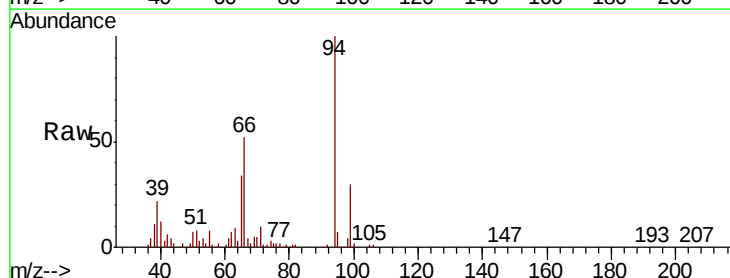
Tgt Ion: 94 Resp: 102366

Ion Ratio Lower Upper

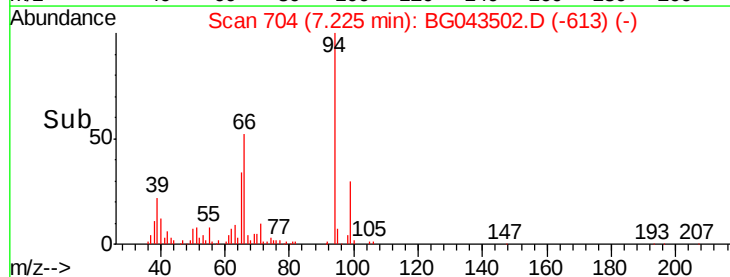
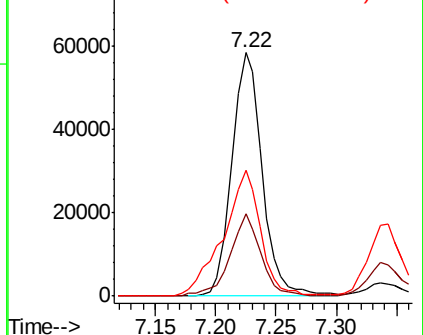
94 100

65 33.8 12.6 52.6

66 51.7 30.7 70.7



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

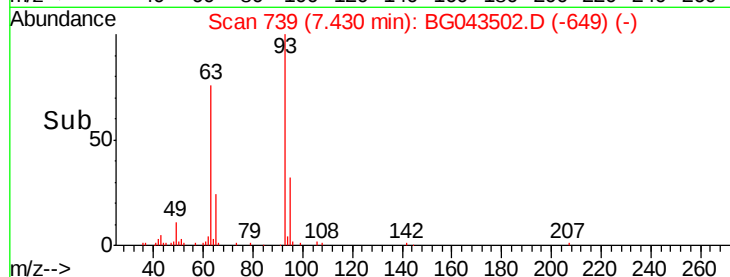
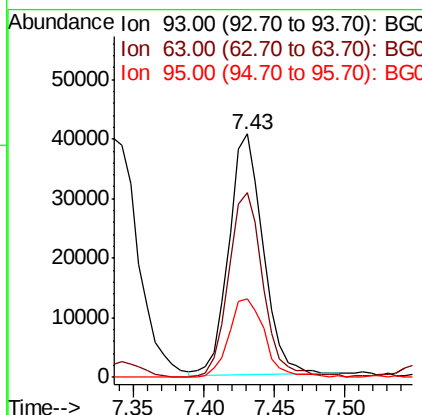
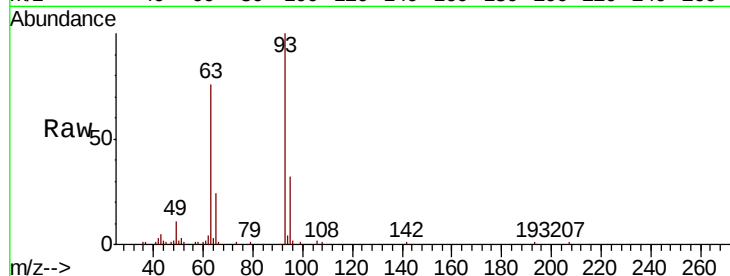




#11
bis(2-Chloroethyl)ether
Concen: 40.602 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

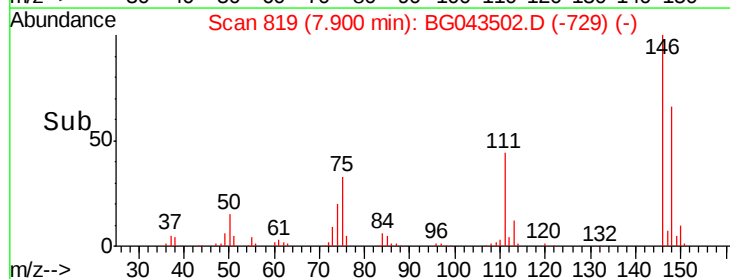
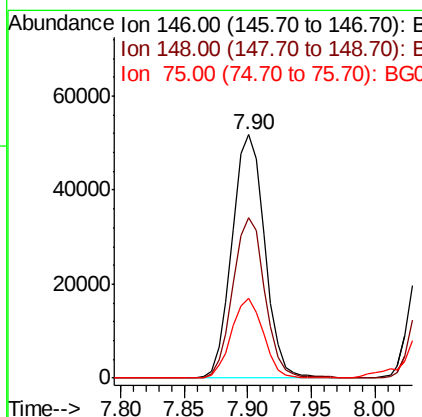
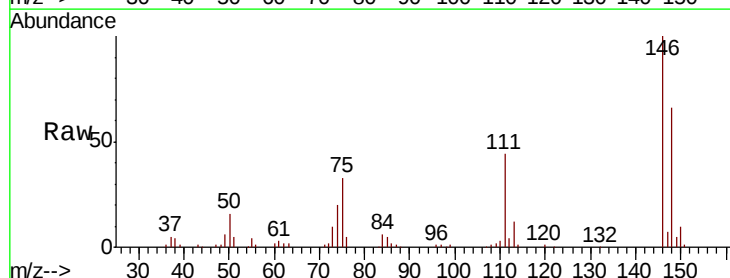
Instrument :
BNA_G
ClientSampleId :

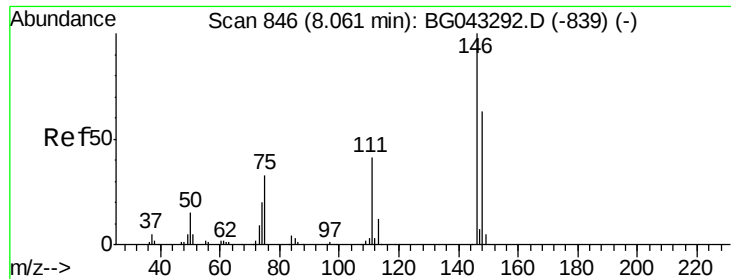
Tot Ion: 93 Resp: 68434
Ion Ratio Lower Upper
93 100
63 75.7 56.3 96.3
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.083 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion: 146 Resp: 91925
Ion Ratio Lower Upper
146 100
148 66.1 50.3 75.5
75 32.8 24.6 37.0

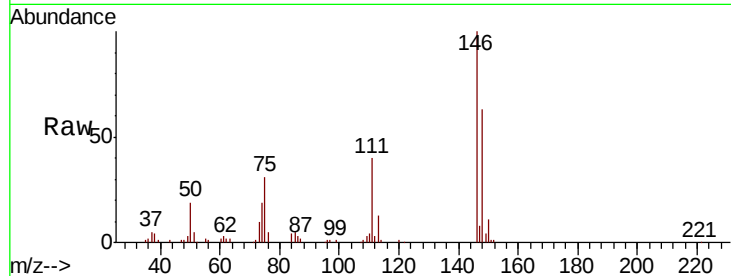




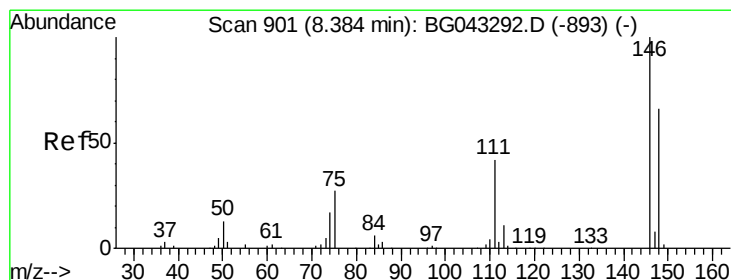
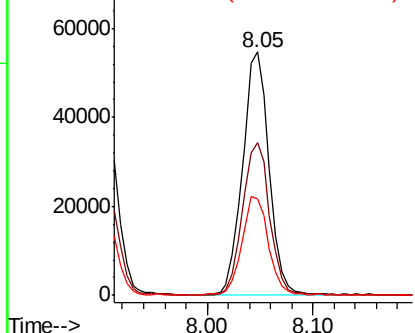
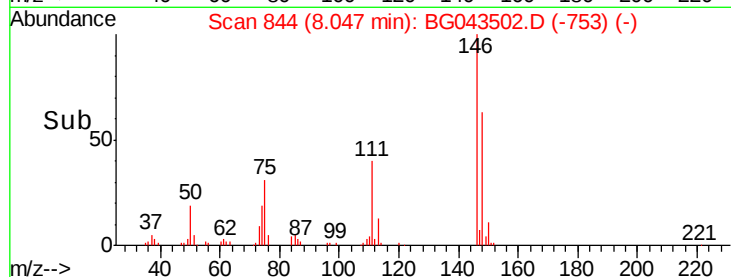
#13
 1,4-Dichlorobenzene
 Concen: 41.155 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 95494
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.7 76.1
 111 39.6 33.4 50.2

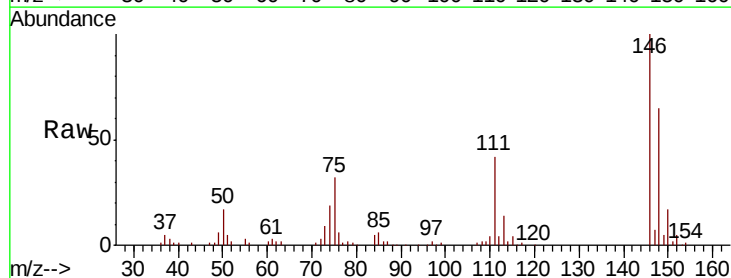


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

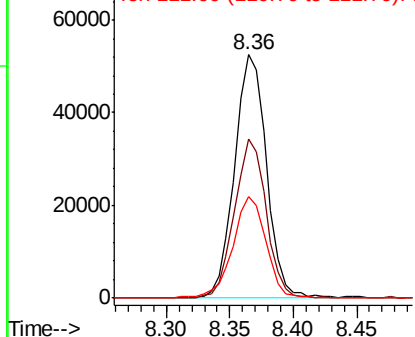
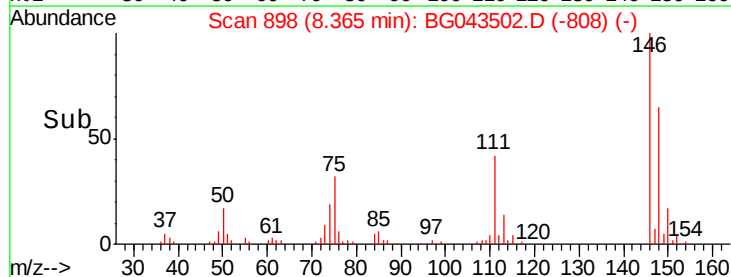


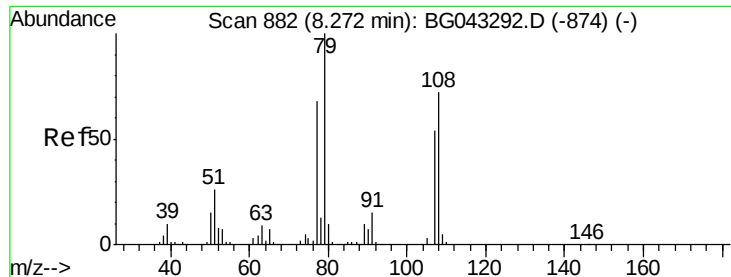
#14
 1,2-Dichlorobenzene
 Concen: 40.363 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:146 Resp: 91444
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.2 79.8
 111 41.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 44.354 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampled :

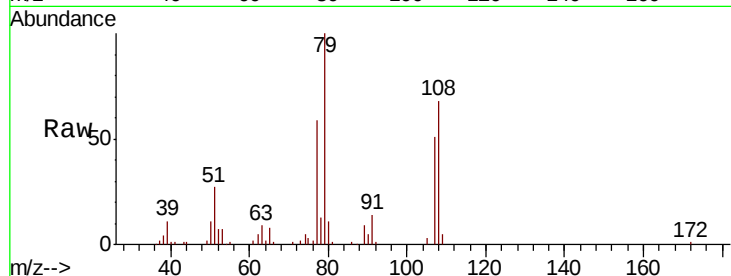
Tot Ion: 79 Resp: 74314

Ion Ratio Lower Upper

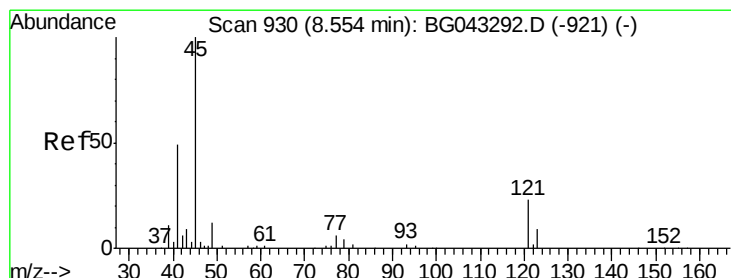
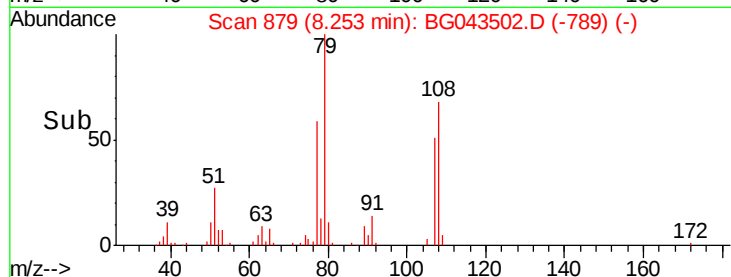
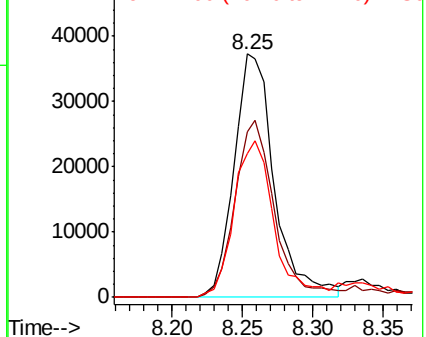
79 100

108 68.0 53.6 80.4

77 59.1 49.6 74.4



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: 37.925 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

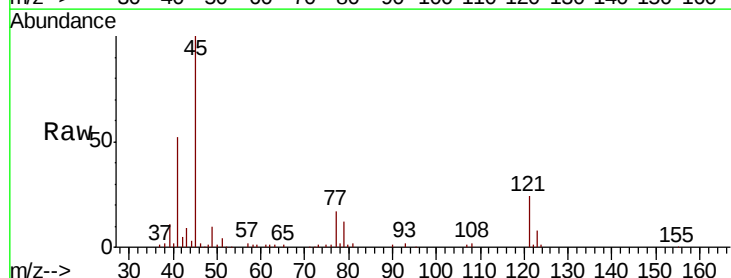
Tgt Ion: 45 Resp: 92947

Ion Ratio Lower Upper

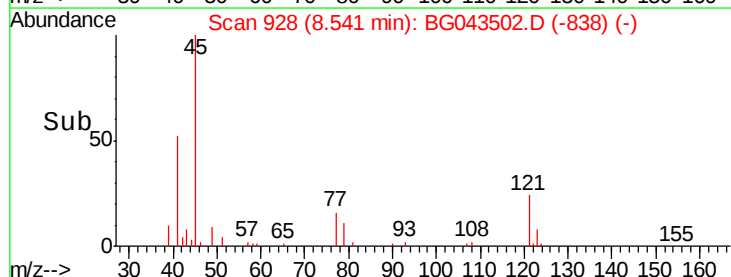
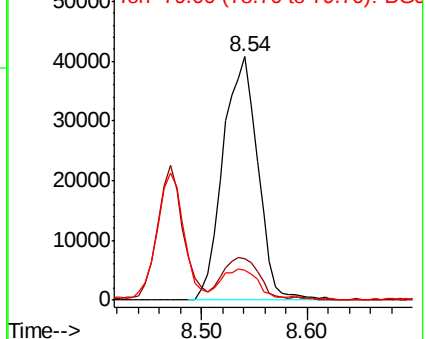
45 100

77 17.0 0.0 34.9

79 12.5 0.0 33.0



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: 44.279 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 70371

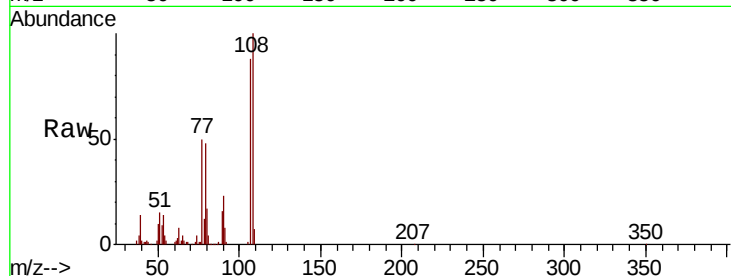
Ion Ratio Lower Upper

107 100

108 113.2 90.2 135.4

77 57.1 40.2 60.2

79 53.9 44.0 66.0

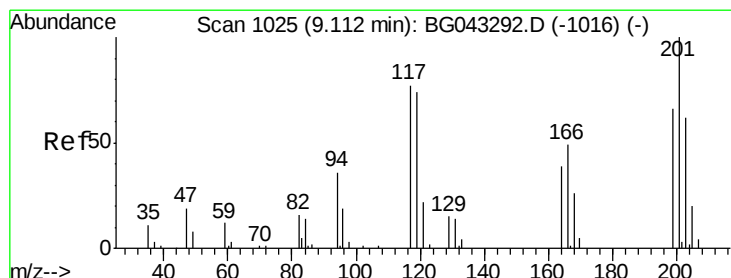
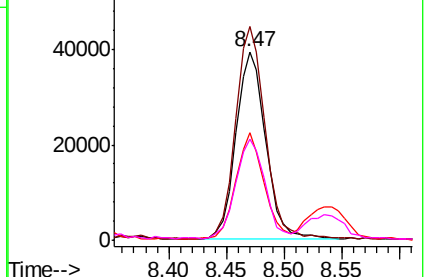
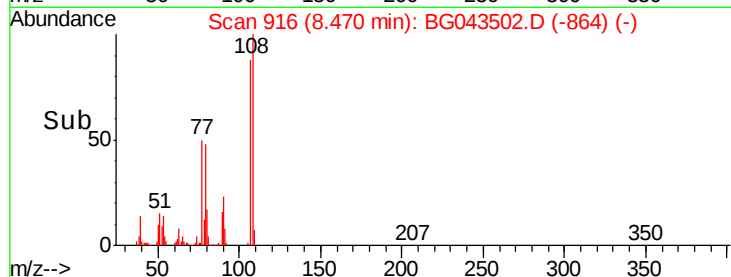


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.136 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

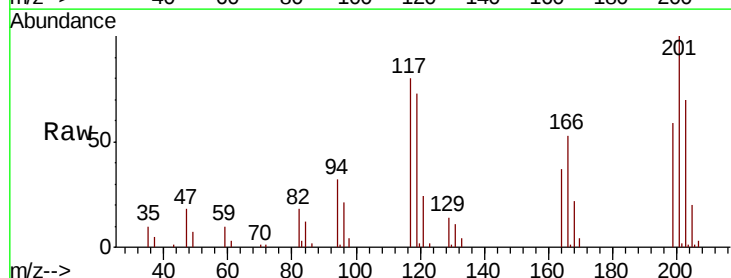
Tgt Ion:117 Resp: 34437

Ion Ratio Lower Upper

117 100

119 92.2 79.0 118.4

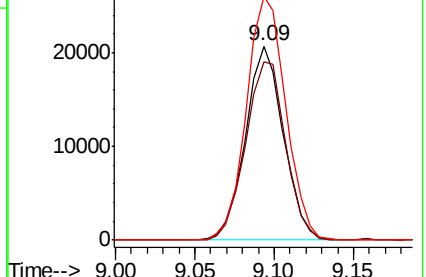
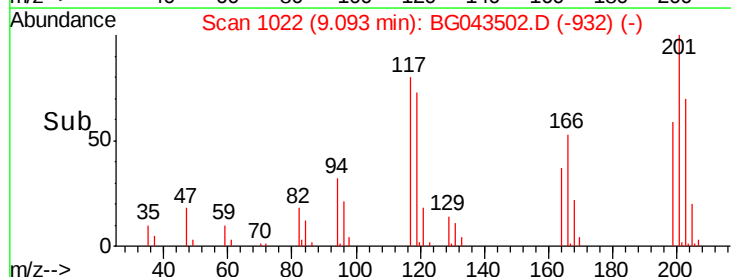
201 125.5 105.4 158.2

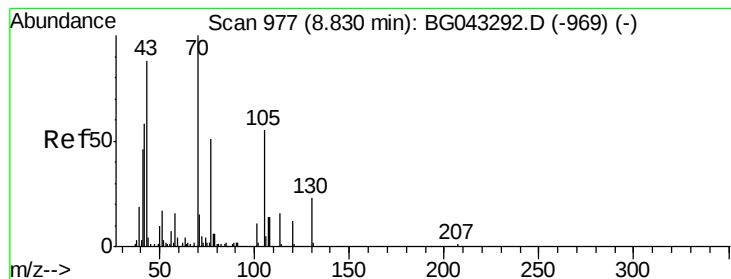


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.583 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

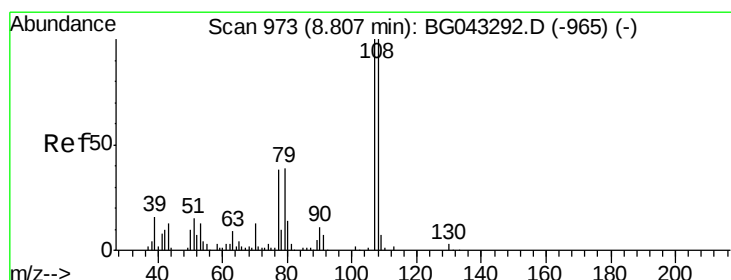
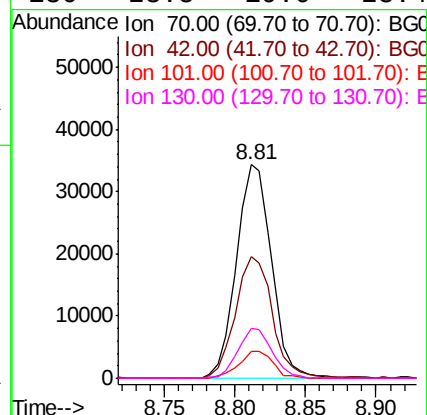
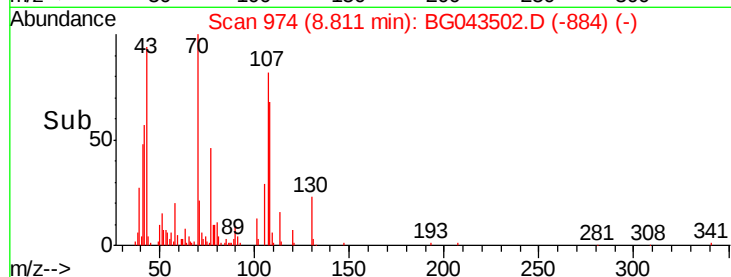
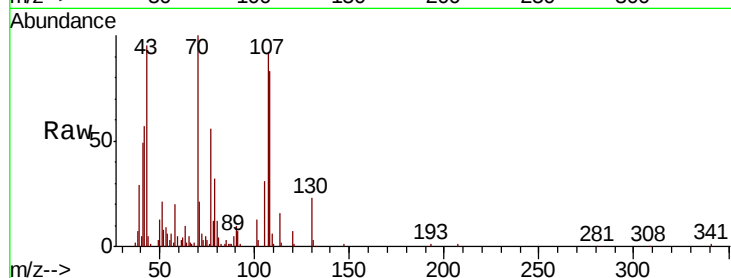
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 59480

Ion Ratio Lower Upper

70	100		
42	56.7	41.4	62.2
101	12.5	7.9	11.9
130	23.5	19.0	28.4



#20

3+4-Methylphenols

Concen: 42.160 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

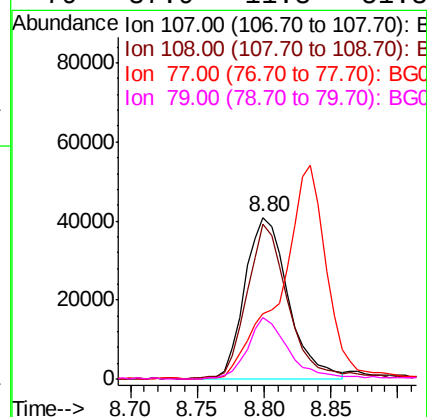
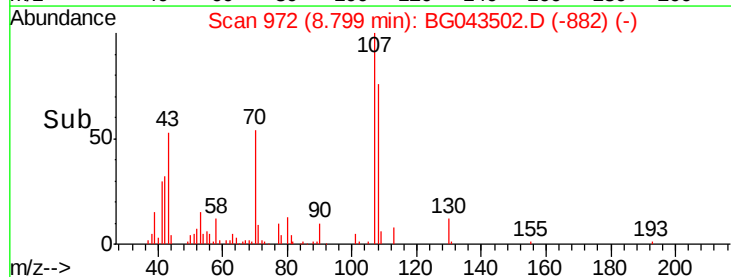
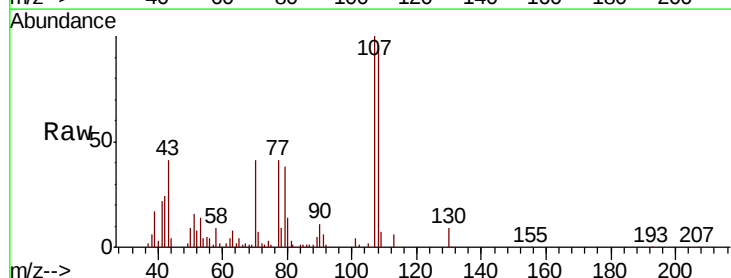
Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion: 107 Resp: 91877

Ion Ratio Lower Upper

107	100		
108	95.8	66.6	106.6
77	40.6	20.9	60.9
79	37.9	11.3	51.3

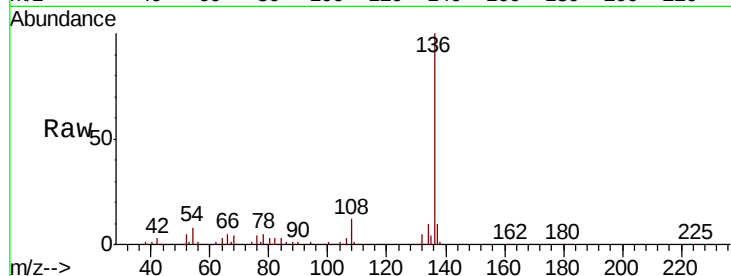




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	123763
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.7 13.1
54	8.3	5.4 8.2#
68	4.3	3.0 4.4



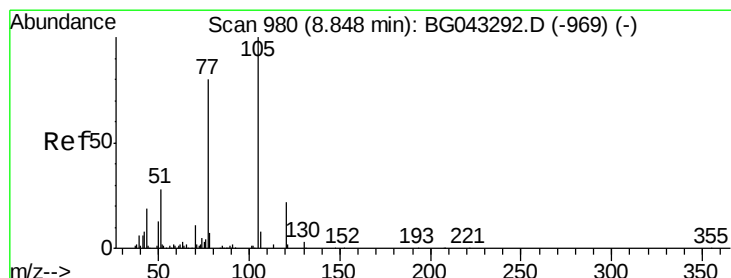
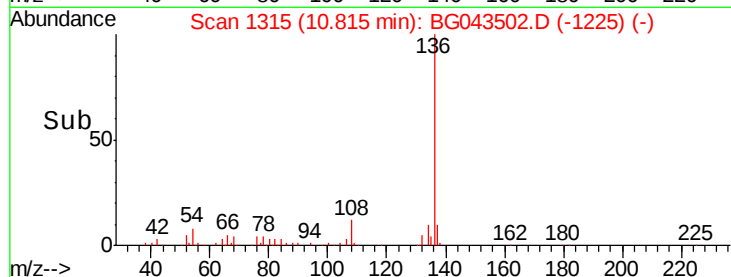
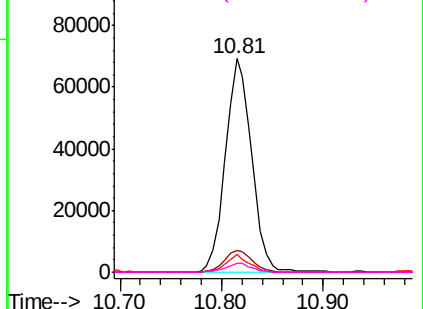
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

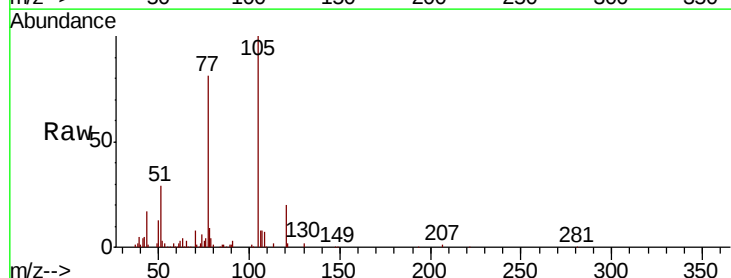
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.564 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:105	Resp:	122225
Ion Ratio	Lower	Upper
105	100	
71	1.2	0.8 1.2#
51	29.0	21.0 31.4
120	20.0	18.0 27.0



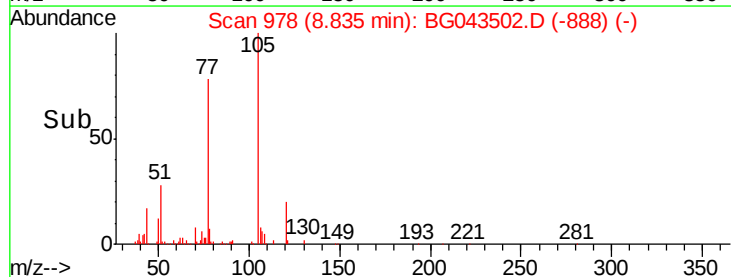
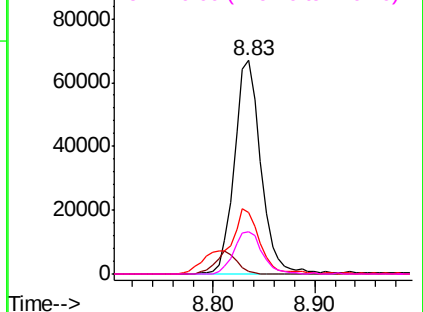
Abundance

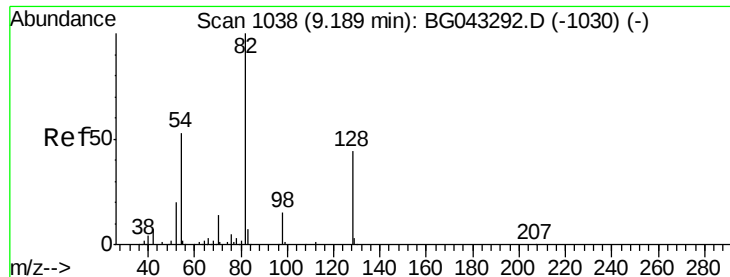
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

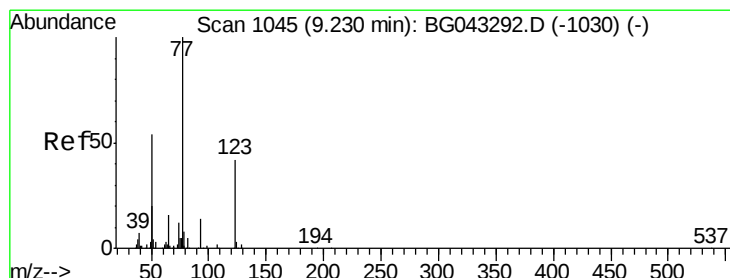
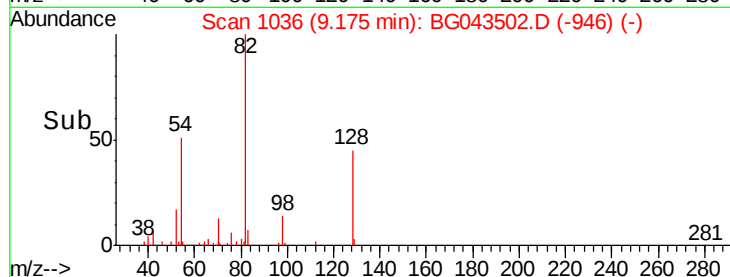
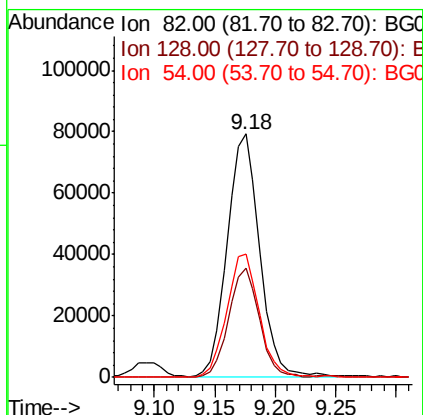
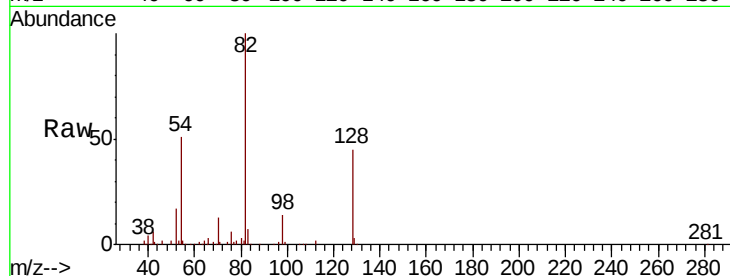




#23
 Nitrobenzene-d5
 Concen: 61.813 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

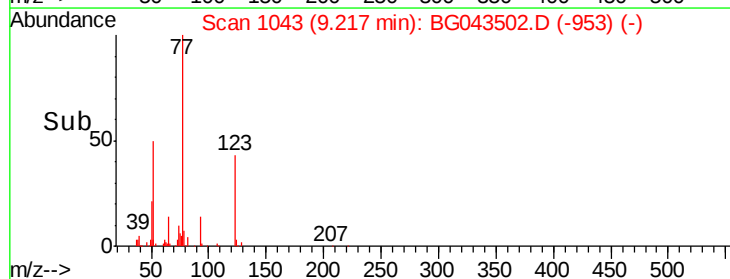
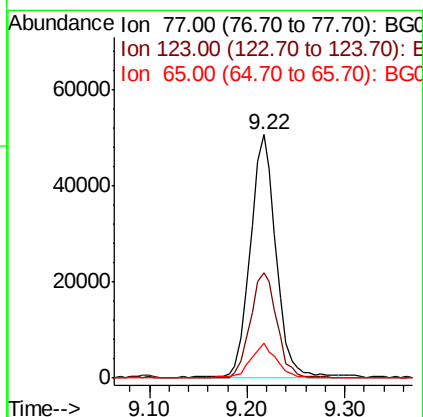
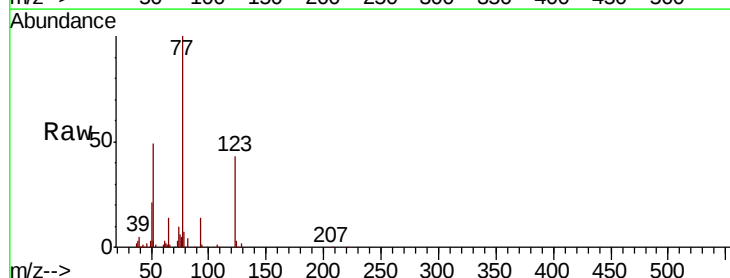
Instrument :
 BNA_G
 ClientSampleId :

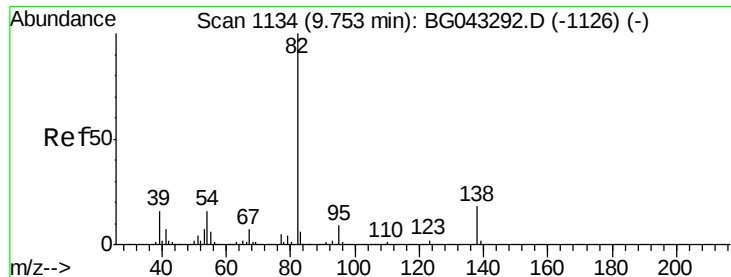
Tot Ion	82	Resp	148390
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	50.5	40.2	60.2



#24
 Nitrobenzene
 Concen: 41.272 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	77	Resp	94383
Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.0	52.6
65	14.2	9.5	14.3





#25

Isophorone

Concen: 39.369 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

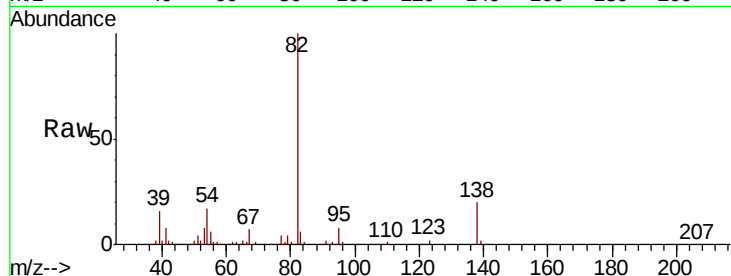
Tot Ion: 82 Resp: 172792

Ion Ratio Lower Upper

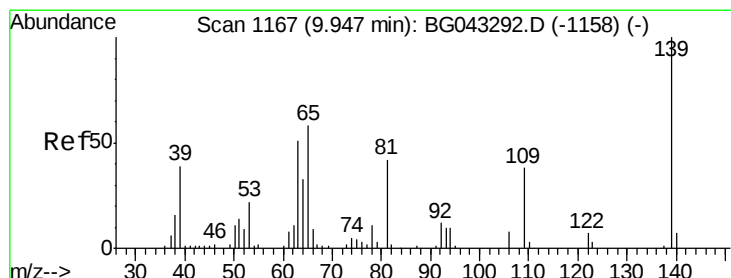
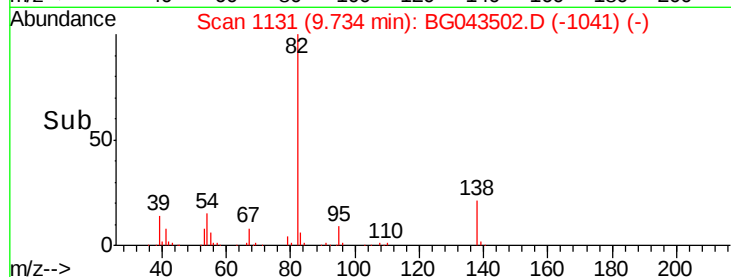
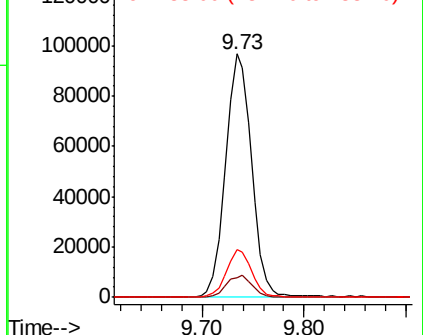
82 100

95 8.3 6.6 9.8

138 19.6 15.2 22.8



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



#26

2-Nitrophenol

Concen: 45.188 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

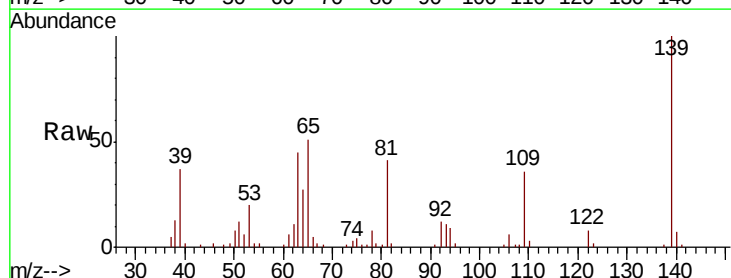
Tgt Ion: 139 Resp: 49890

Ion Ratio Lower Upper

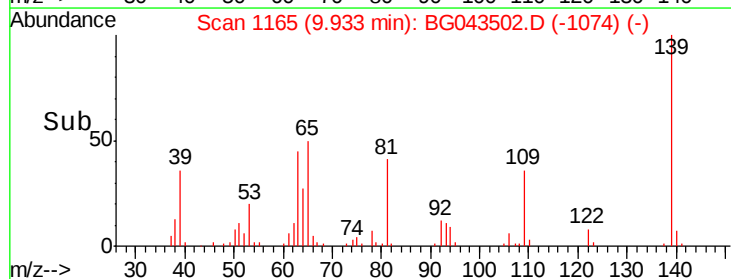
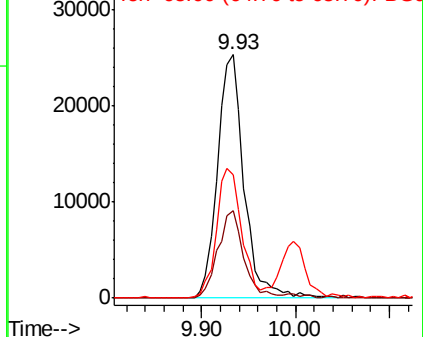
139 100

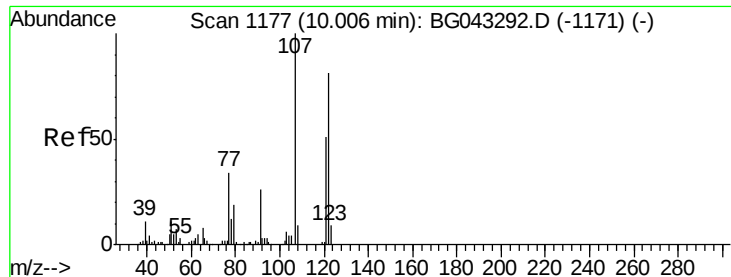
109 35.9 26.5 39.7

65 50.5 43.8 65.8



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

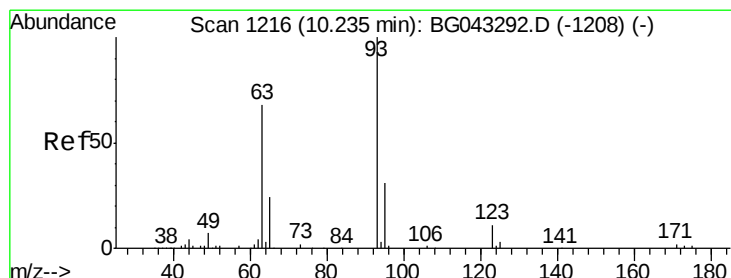
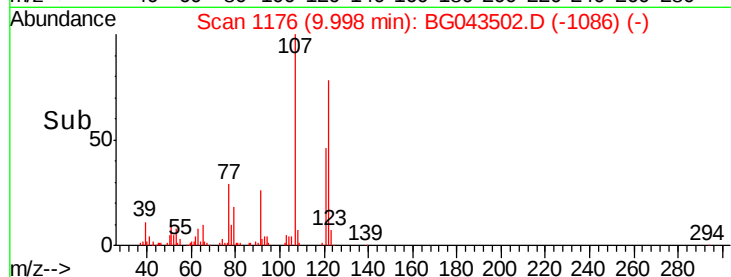
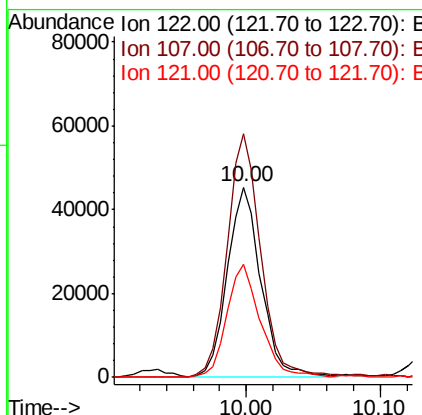
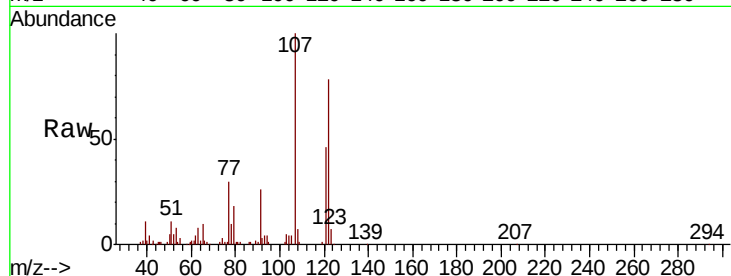




#27
 2,4-Dimethylphenol
 Concen: 49.996 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

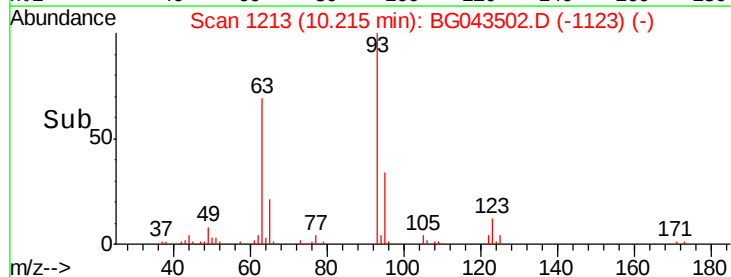
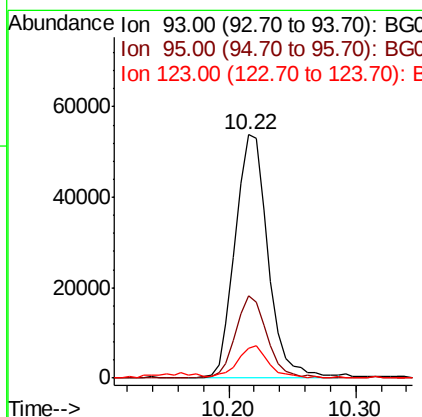
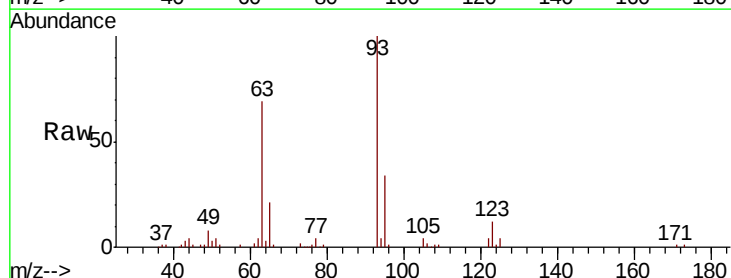
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	104.4	156.6
121	59.4	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.954 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.0	39.0
123	12.5	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 45.761 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

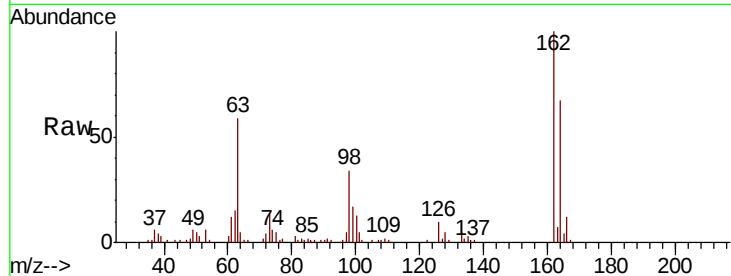
Tot Ion:162 Resp: 92780

Ion Ratio Lower Upper

162 100

164 66.5 48.9 88.9

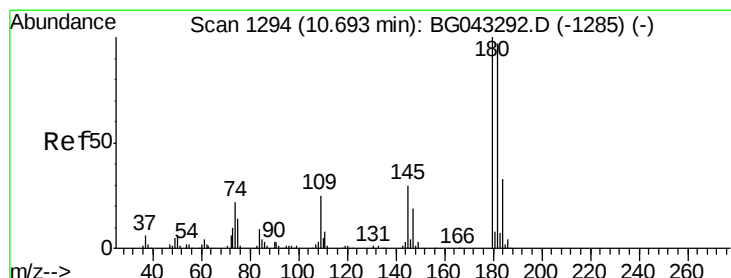
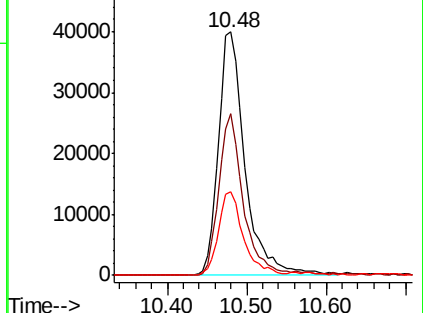
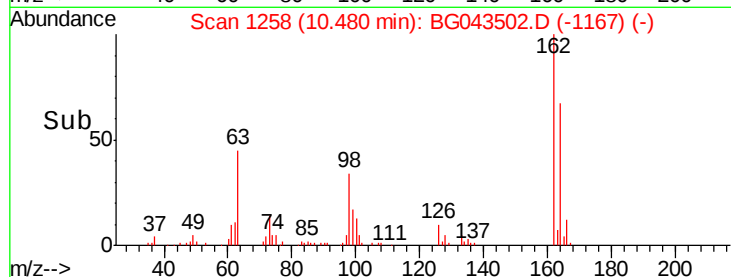
98 34.2 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.294 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

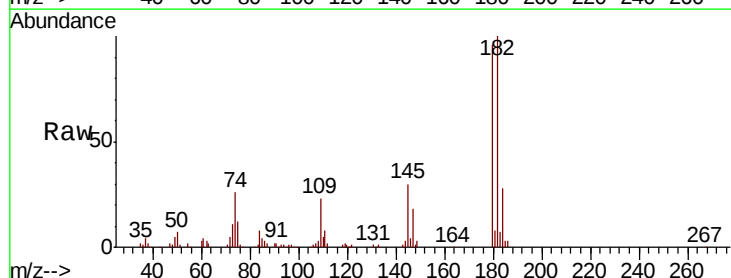
Tgt Ion:180 Resp: 100412

Ion Ratio Lower Upper

180 100

182 103.8 75.1 112.7

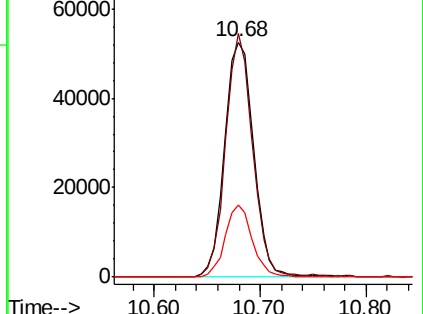
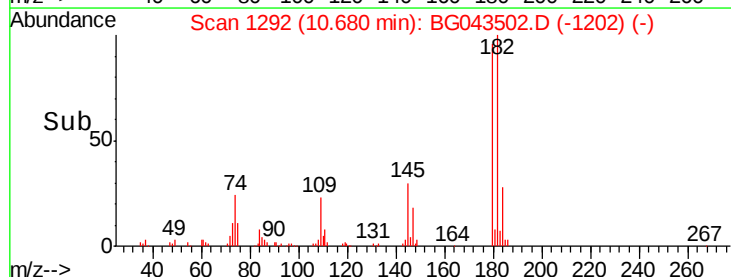
145 30.7 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

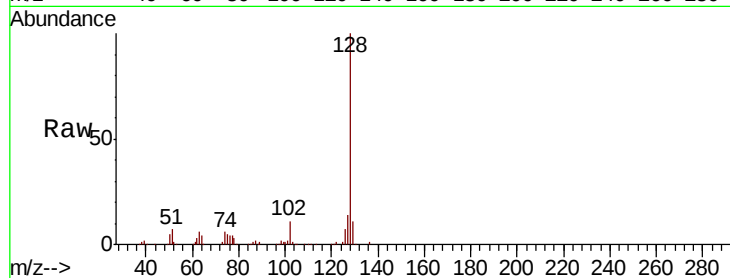




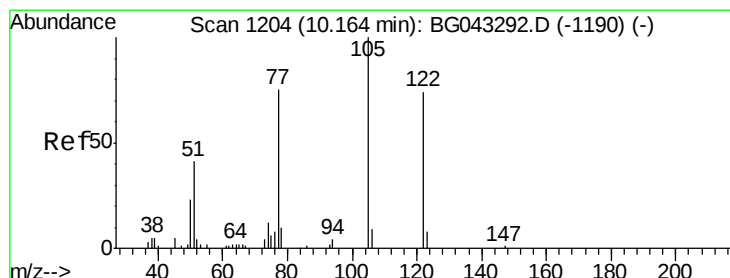
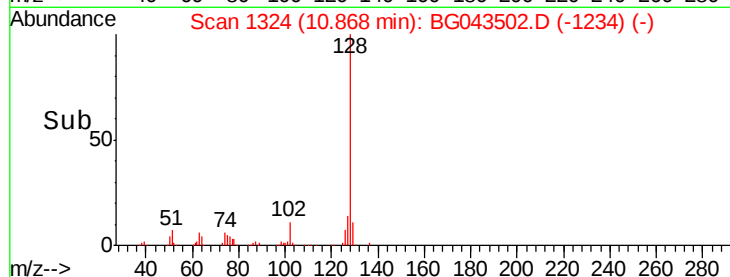
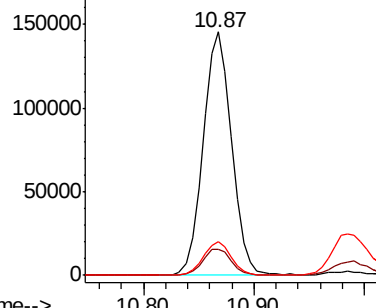
#31
Naphthalene
Concen: 41.825 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 262749
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 14.0 11.1 16.7

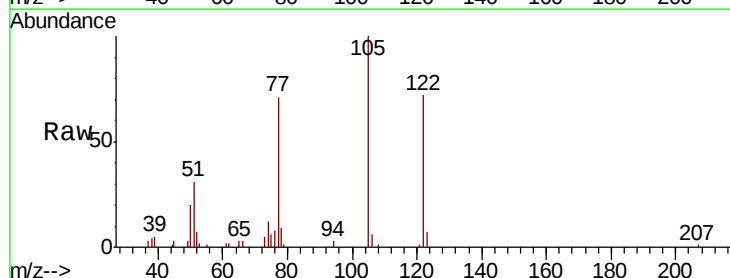


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

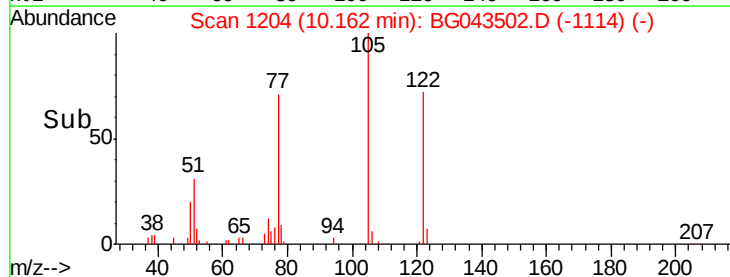
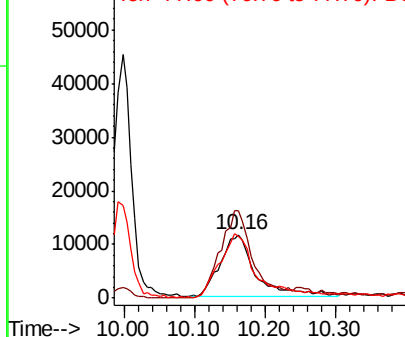


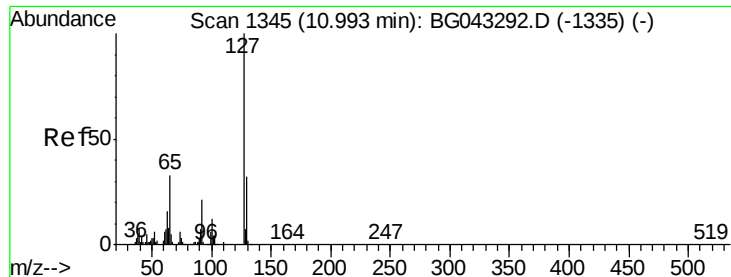
#32
Benzoic acid
Concen: 35.990 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:122 Resp: 40115
Ion Ratio Lower Upper
122 100
105 138.2 103.3 143.3
77 98.5 84.9 124.9



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

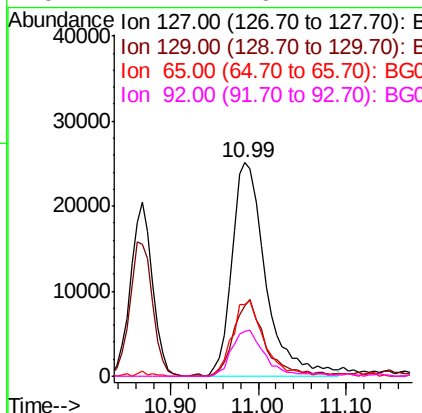
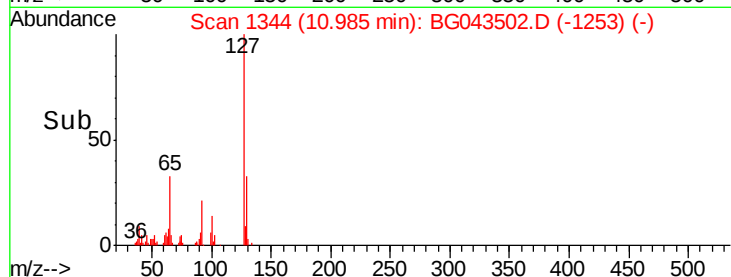
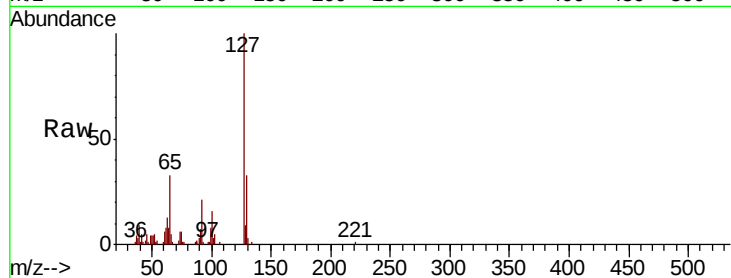




#33
4-Chloroaniline
Concen: 25.630 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

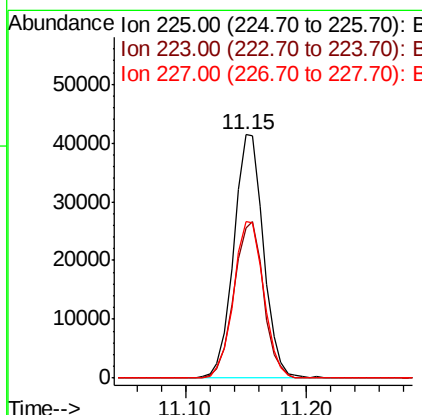
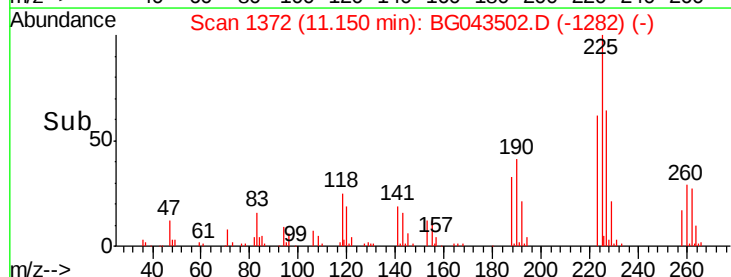
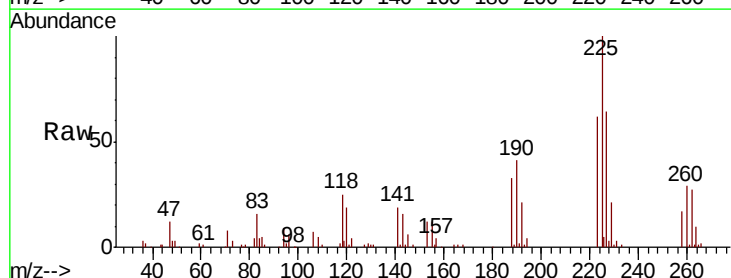
Instrument :
BNA_G
ClientSampleId :

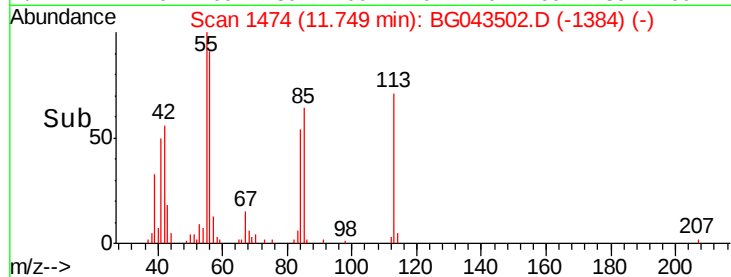
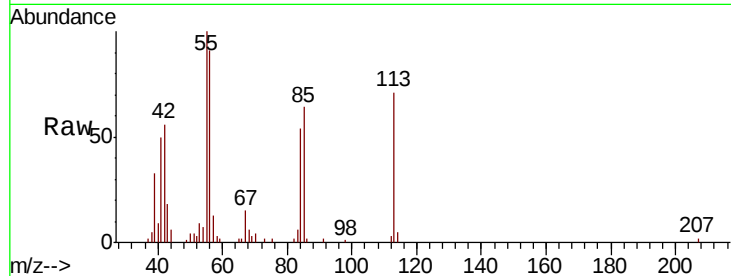
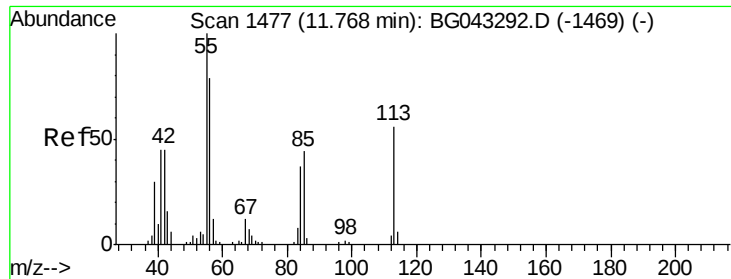
Tot Ion:127	Resp:	66000
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.5 39.7
65	33.5	26.4 39.6
92	21.1	16.2 24.2



#34
Hexachlorobutadiene
Concen: 37.585 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:225	Resp:	70999
Ion Ratio	Lower	Upper
225	100	
223	61.7	52.7 79.1
227	64.2	54.8 82.2

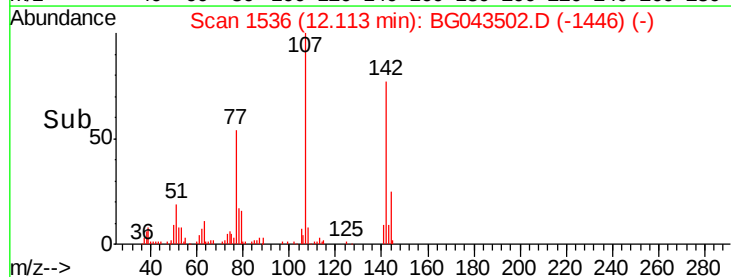
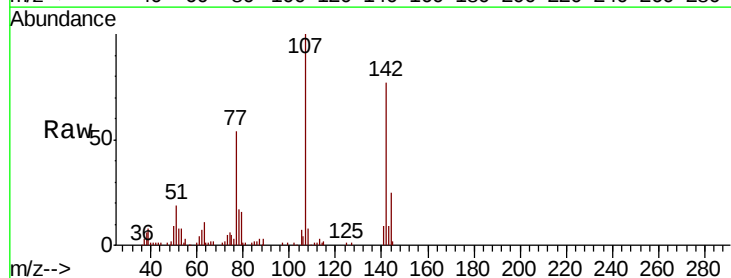
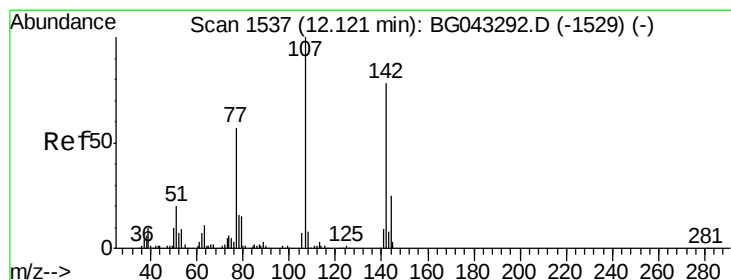
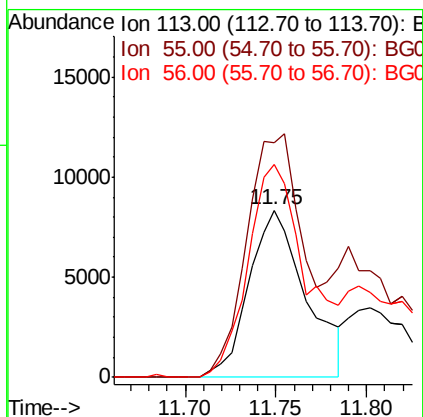




#35
Caprolactam
Concen: 26.057 ng
RT: 11.75 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

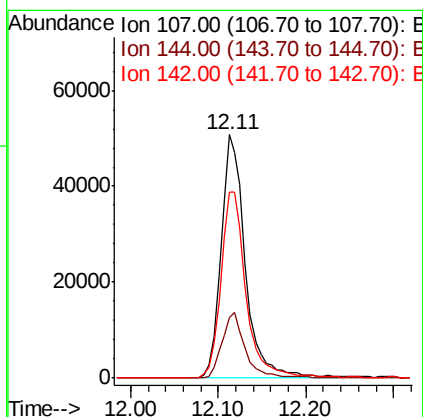
Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 18195
Ion Ratio Lower Upper
113 100
55 140.0 134.1 174.1
56 127.4 100.4 140.4



#36
4-Chloro-3-methylphenol
Concen: 43.851 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:107 Resp: 96980
Ion Ratio Lower Upper
107 100
144 24.8 20.9 31.3
142 76.6 59.6 89.4

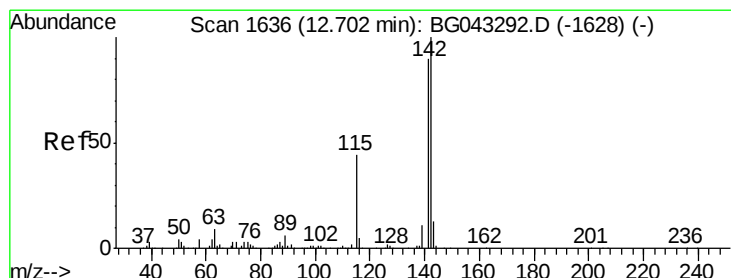
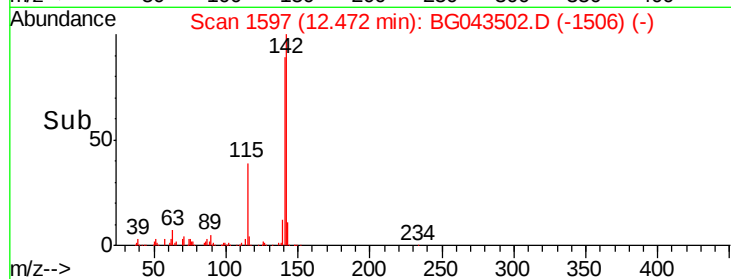
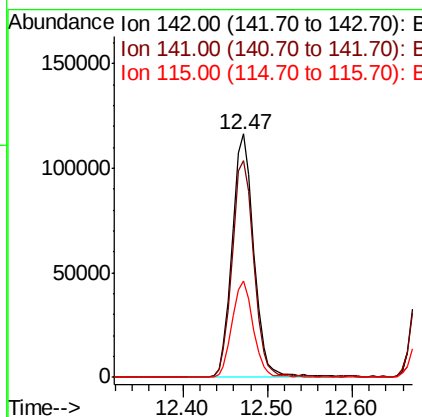
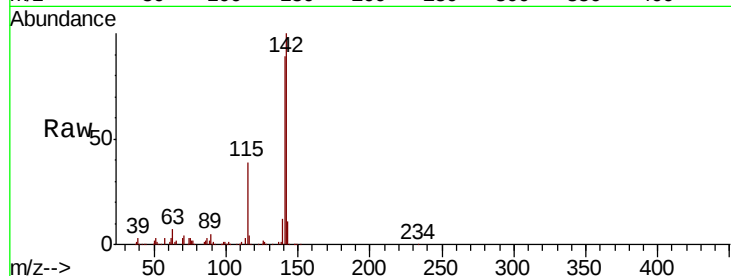




#37
2-Methylnaphthalene
Concen: 42.417 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

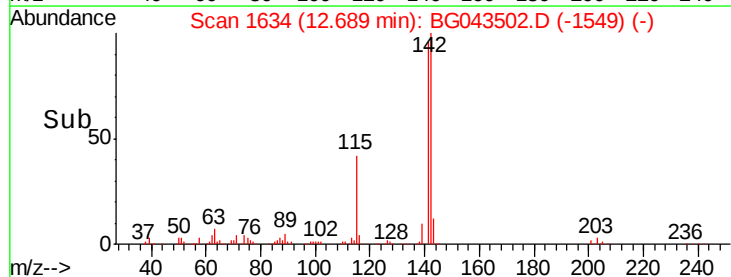
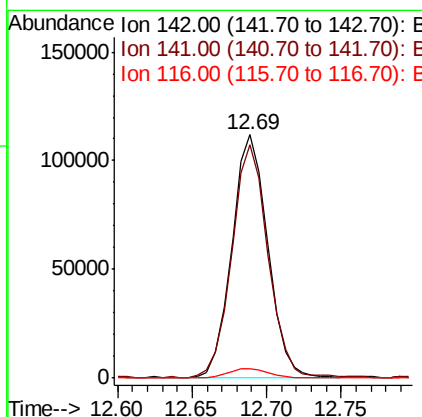
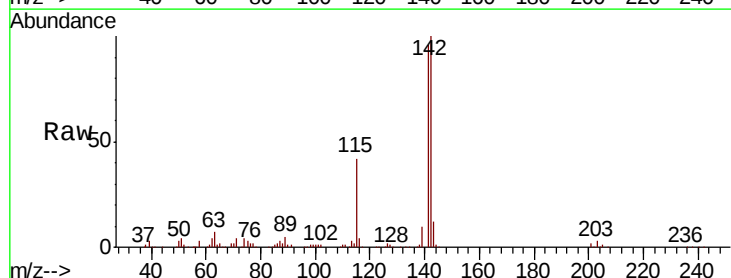
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2
115	39.5	33.2	49.8



#38
1-Methylnaphthalene
Concen: 40.853 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.2	109.8
116	4.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

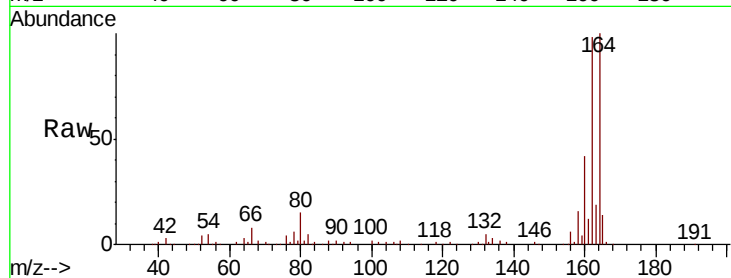
Tot Ion:164 Resp: 94446

Ion Ratio Lower Upper

164 100

162 97.9 83.5 125.3

160 42.4 36.5 54.7

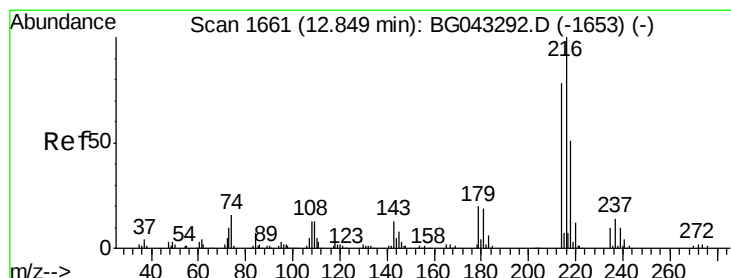
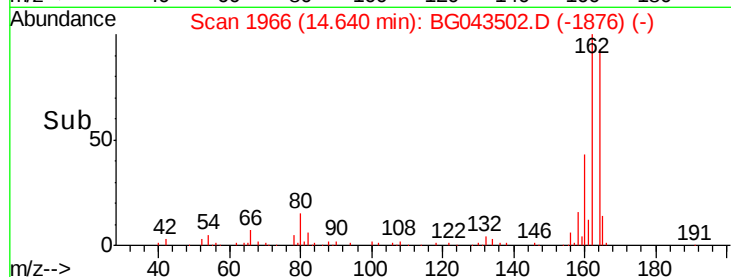
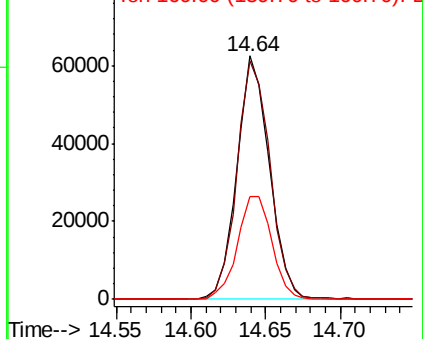


Abundance

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: 36.545 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:216 Resp: 127735

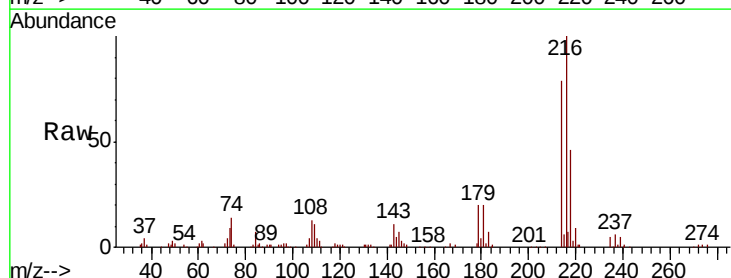
Ion Ratio Lower Upper

216 100

214 79.8 61.7 92.5

179 20.1 15.8 23.8

108 15.6 11.5 17.3



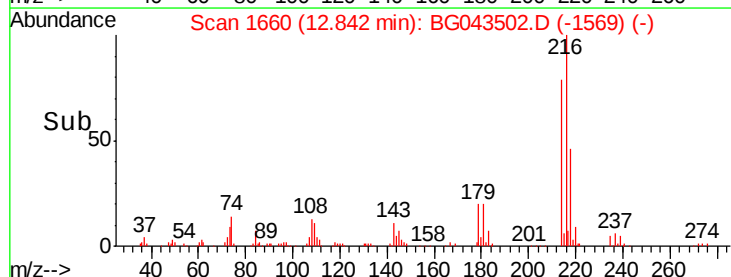
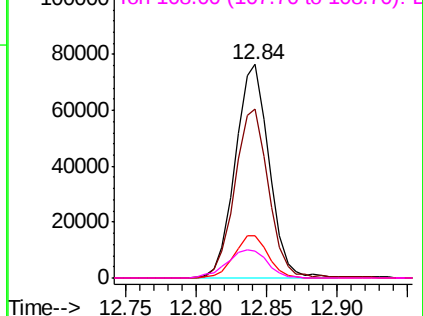
Abundance

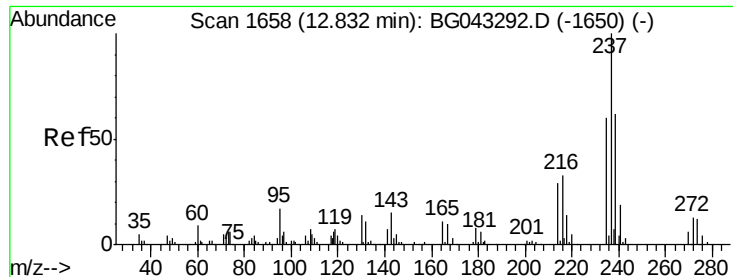
Ion 216.00 (215.70 to 216.70): E

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: 54.903 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

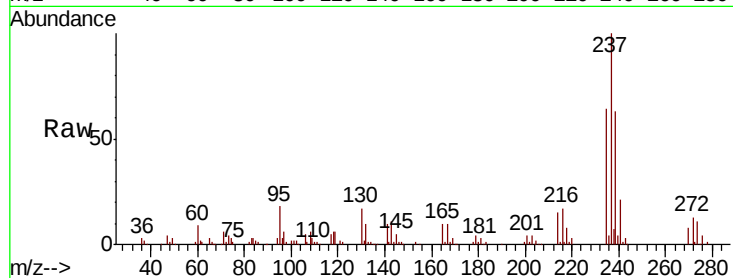
Tot Ion:237 Resp: 100807

Ion Ratio Lower Upper

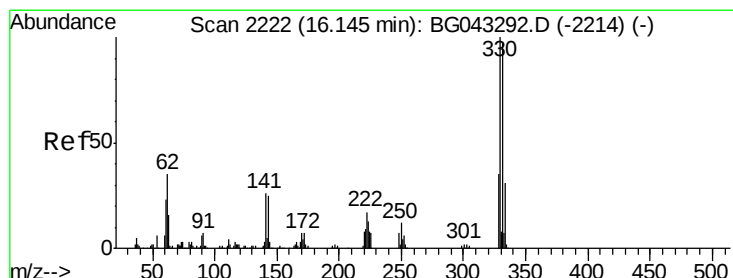
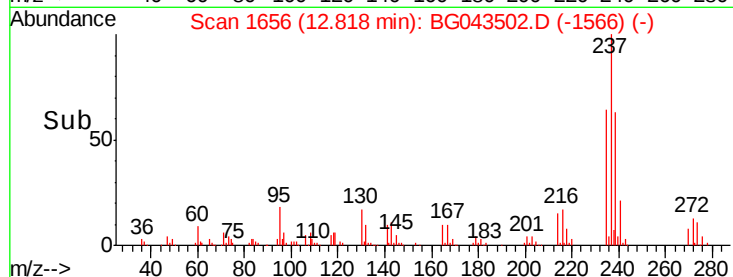
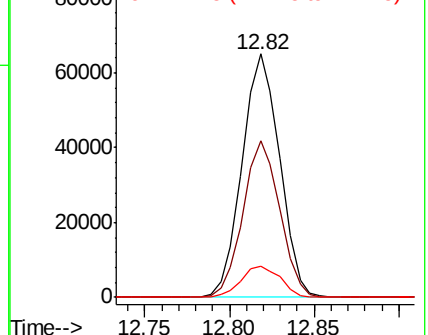
237 100

235 64.4 41.6 81.6

272 12.7 0.0 32.5



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: 108.285 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

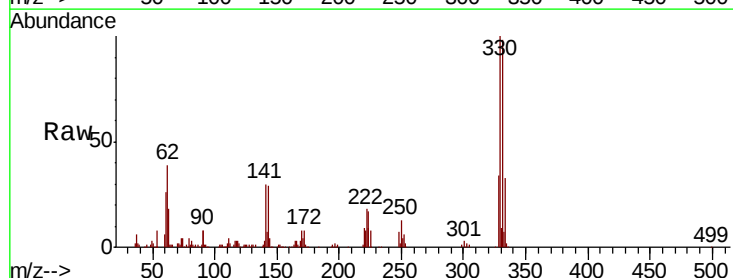
Tgt Ion:330 Resp: 194621

Ion Ratio Lower Upper

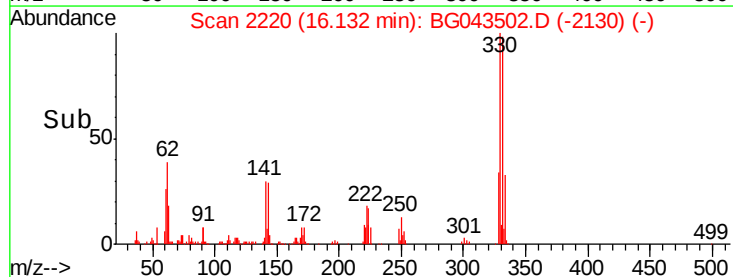
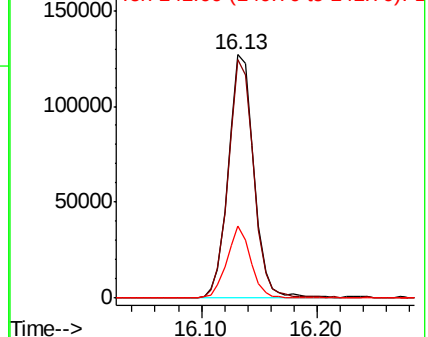
330 100

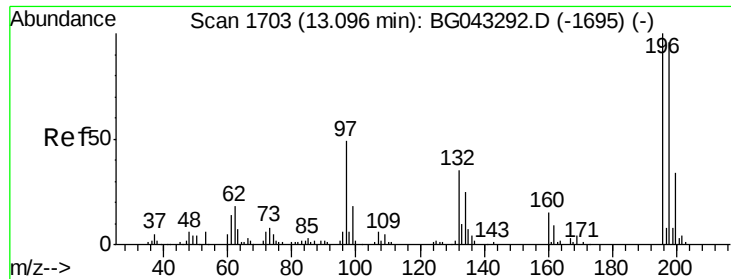
332 97.4 77.4 116.0

141 27.6 22.8 34.2



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

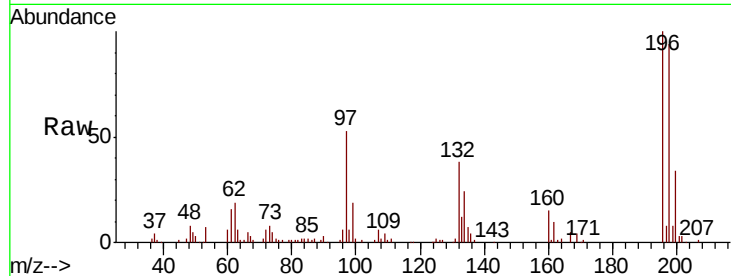




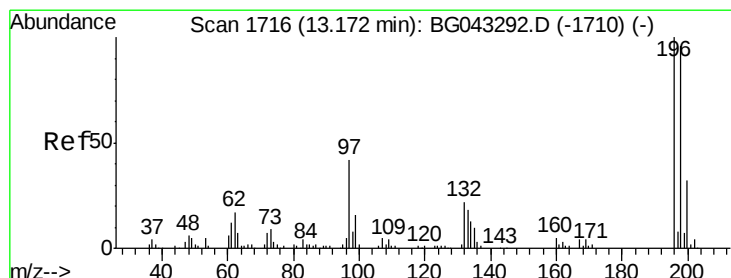
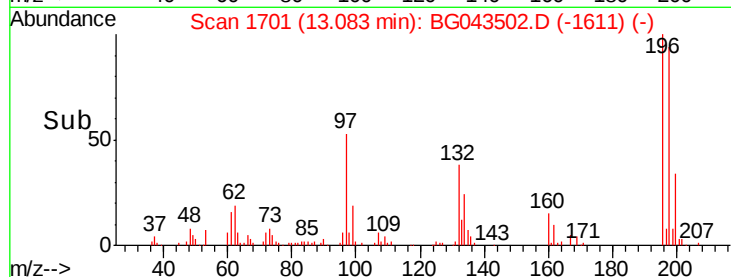
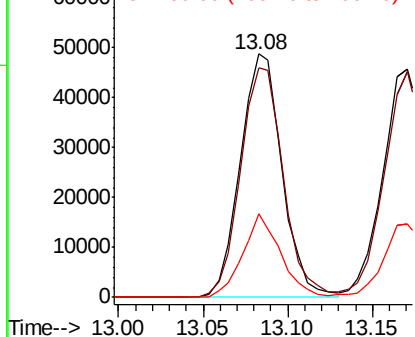
#43
 2,4,6-Trichlorophenol
 Concen: 40.722 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 83823
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.6
 200 34.3 23.9 35.9

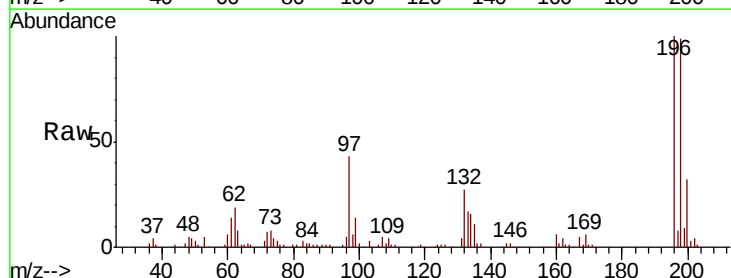


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

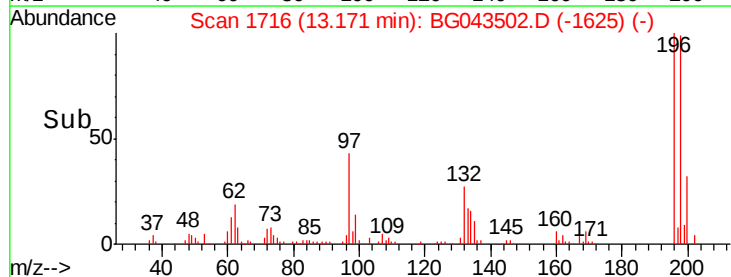
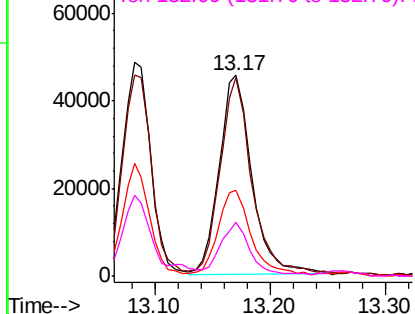


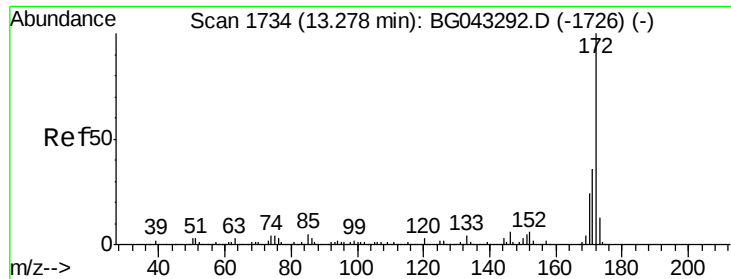
#44
 2,4,5-Trichlorophenol
 Concen: 42.915 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:196 Resp: 89307
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.5 111.7
 97 42.5 36.3 54.5
 132 26.7 17.4 26.2#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

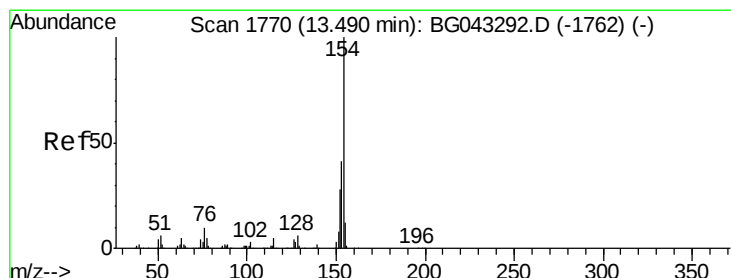
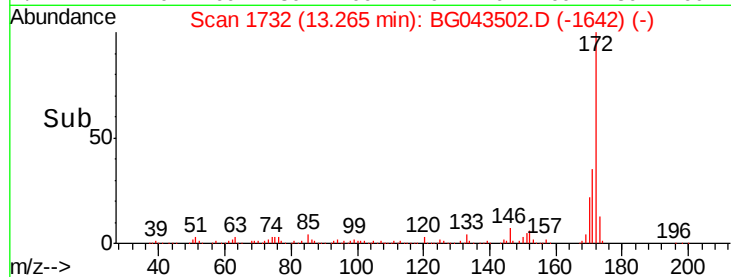
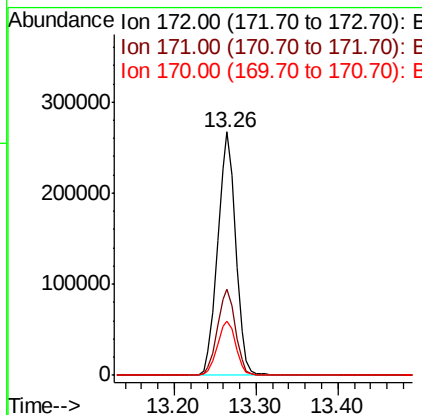
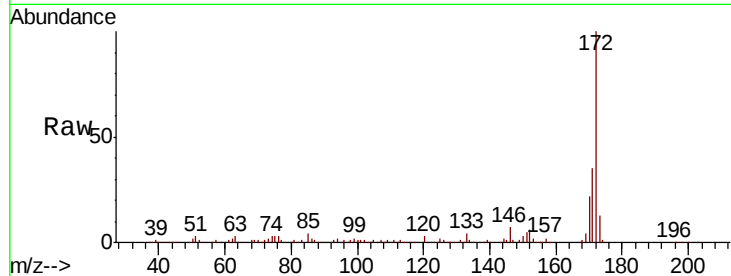




#45
 2-Fluorobiphenyl
 Concen: 59.972 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

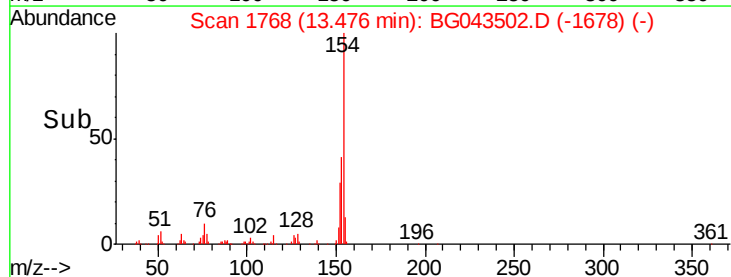
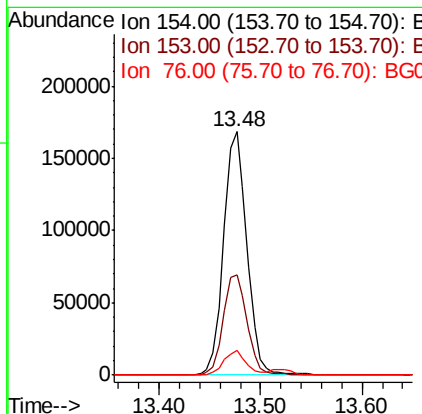
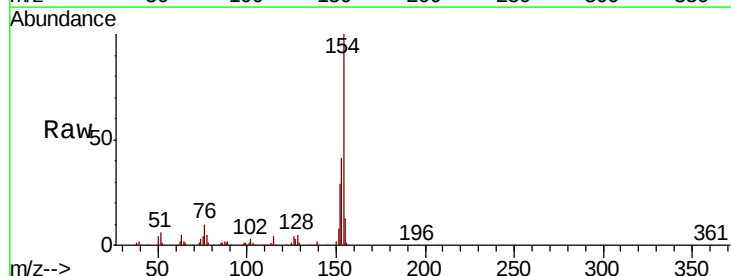
Instrument :
 BNA_G
 ClientSampleId :

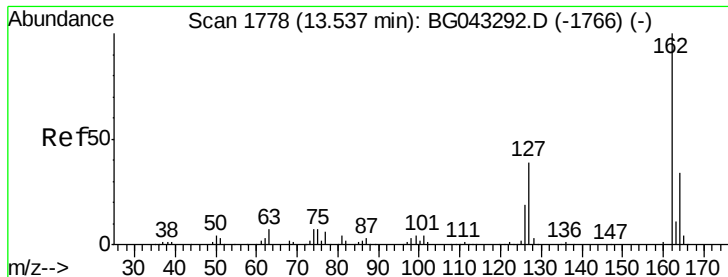
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	22.1	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 37.371 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.9	59.9
76	10.1	0.0	29.4

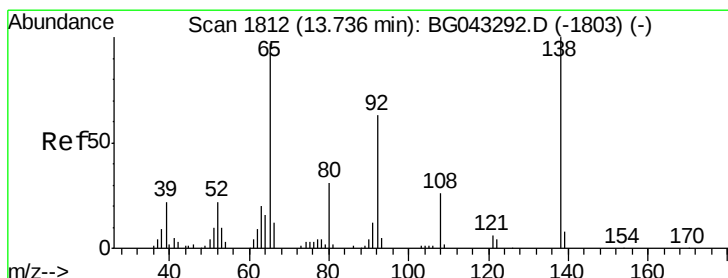
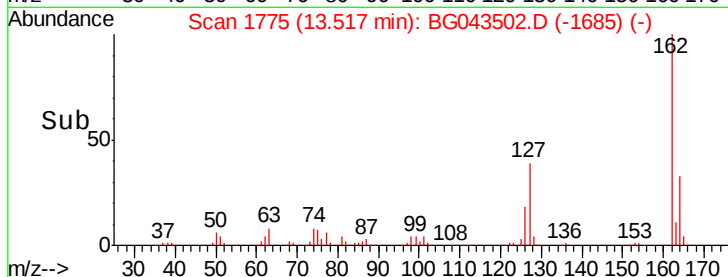
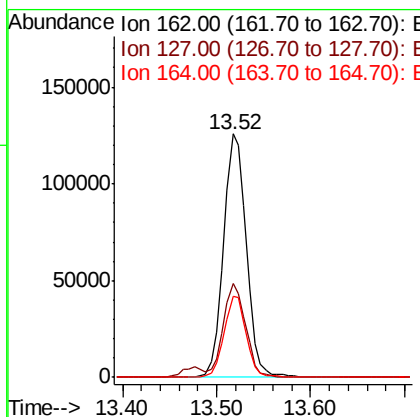
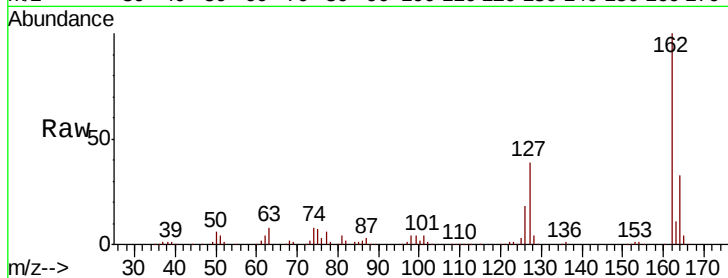




#47
 2-Chloronaphthalene
 Concen: 38.738 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

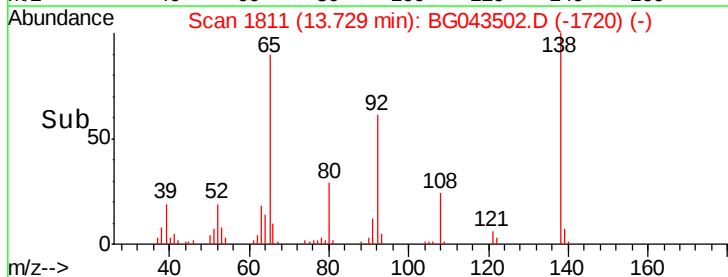
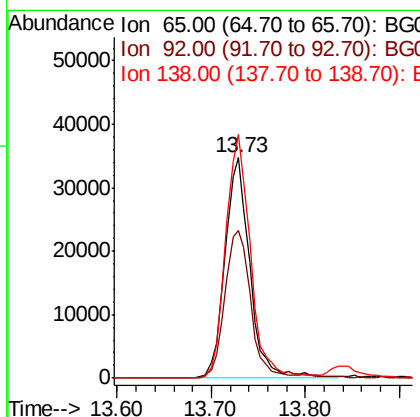
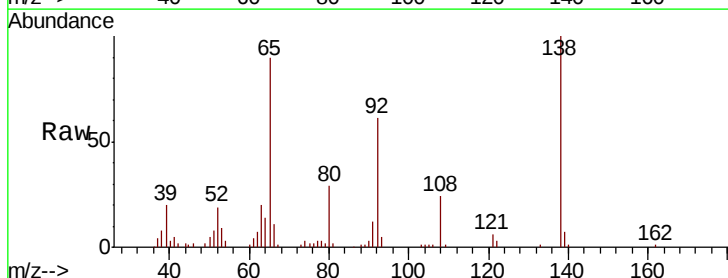
Instrument :
 BNA_G
 ClientSampleId :

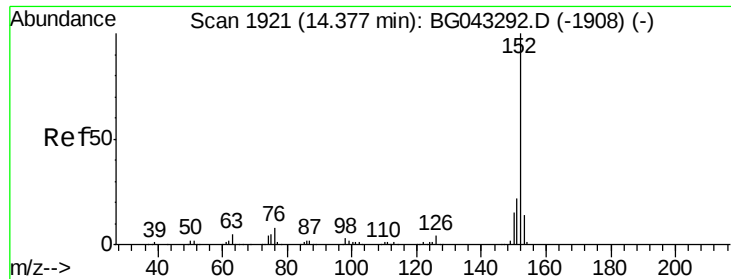
Tot Ion:162 Resp: 211774
 Ion Ratio Lower Upper
 162 100
 127 38.5 31.2 46.8
 164 33.4 25.8 38.8



#48
 2-Nitroaniline
 Concen: 39.176 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion: 65 Resp: 64011
 Ion Ratio Lower Upper
 65 100
 92 67.2 56.2 84.2
 138 110.5 82.6 123.8





#49

Acenaphthylene

Concen: 40.717 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampled :

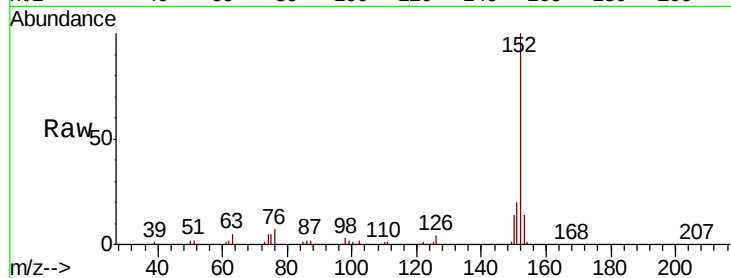
Tot Ion:152 Resp: 346435

Ion Ratio Lower Upper

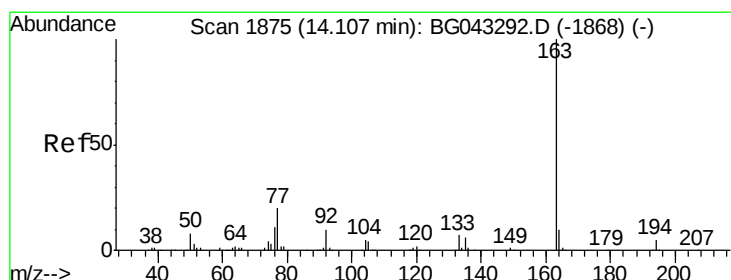
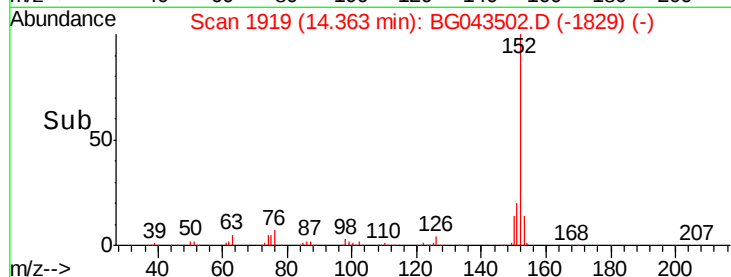
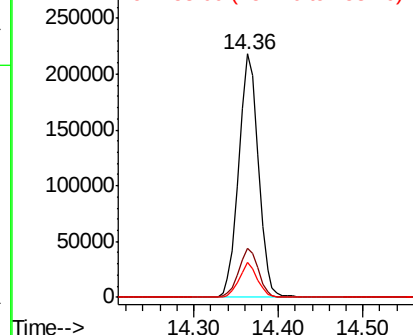
152 100

151 20.0 16.2 24.4

153 14.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.001 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

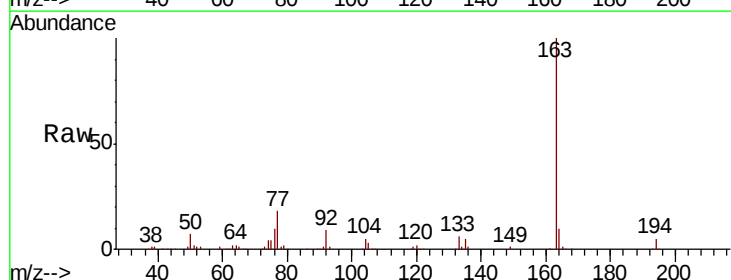
Tgt Ion:163 Resp: 285312

Ion Ratio Lower Upper

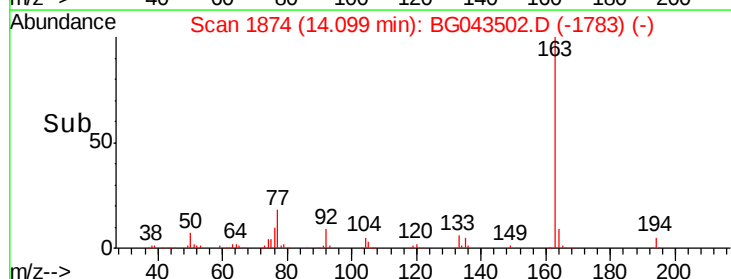
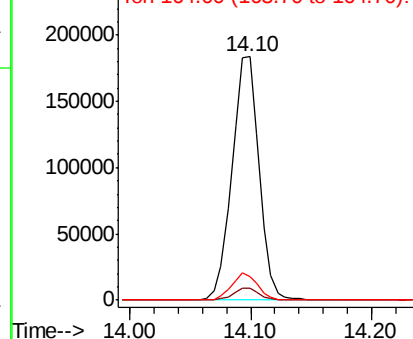
163 100

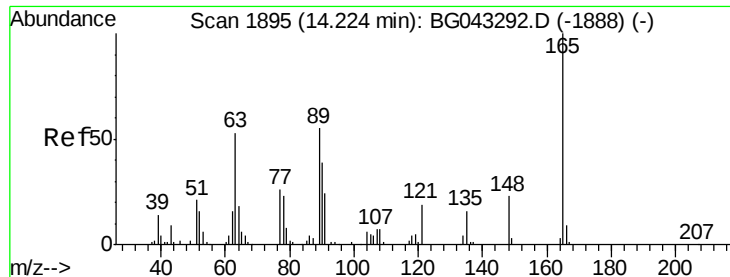
194 5.0 3.8 5.6

164 9.5 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 40.041 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampled :

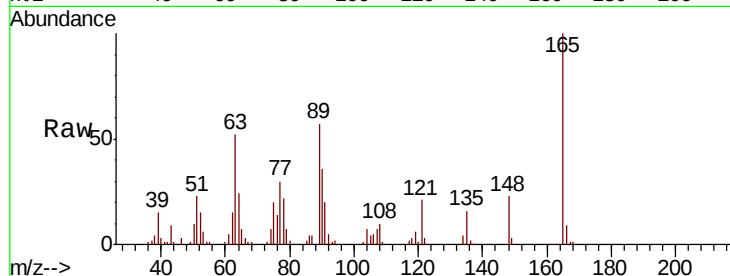
Tot Ion:165 Resp: 63636

Ion Ratio Lower Upper

165 100

63 52.1 46.6 69.8

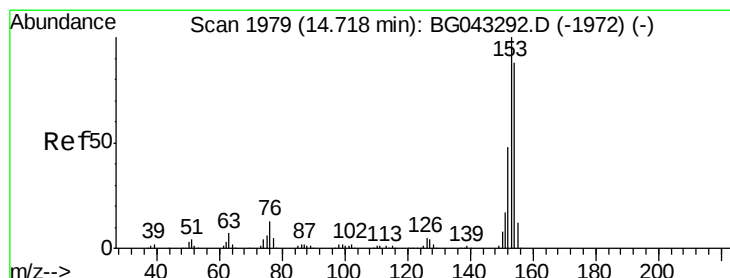
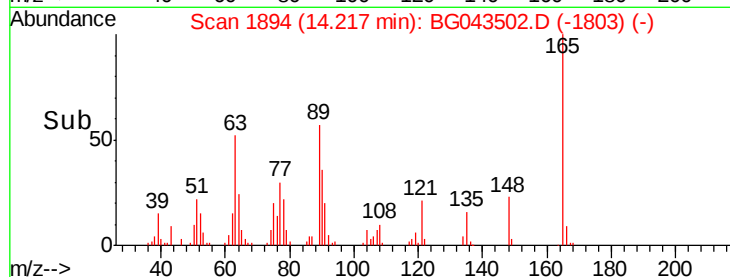
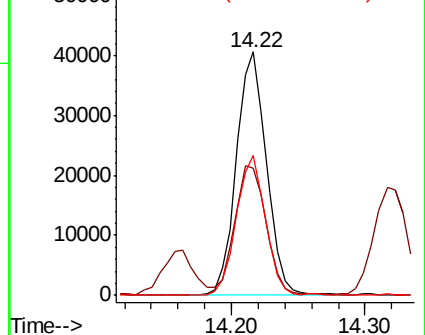
89 57.4 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.609 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

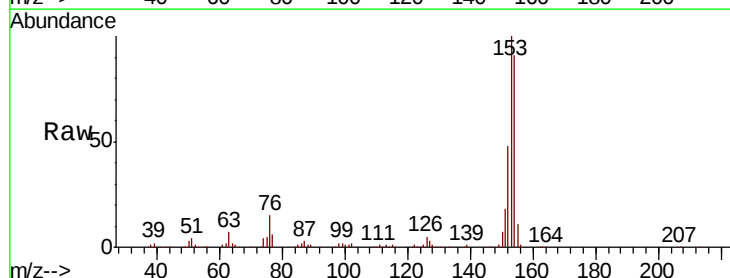
Tgt Ion:154 Resp: 205516

Ion Ratio Lower Upper

154 100

153 110.4 88.2 132.2

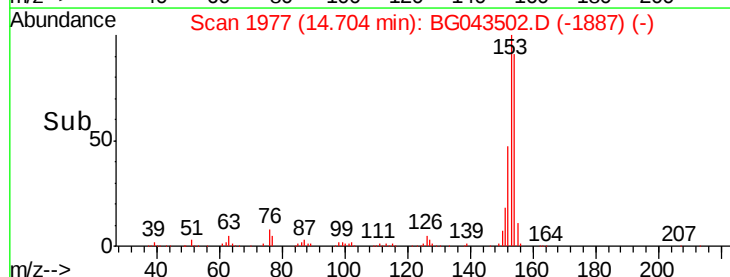
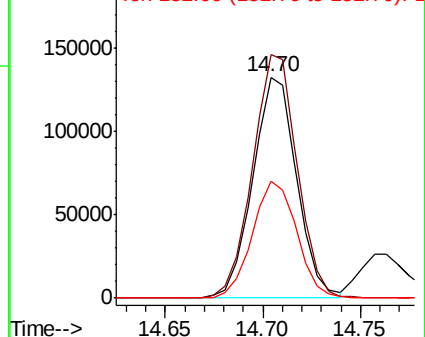
152 52.7 40.0 60.0

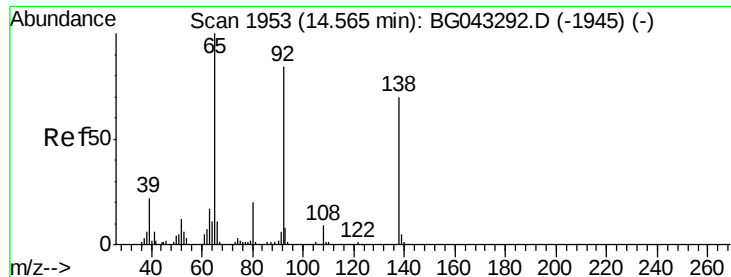


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

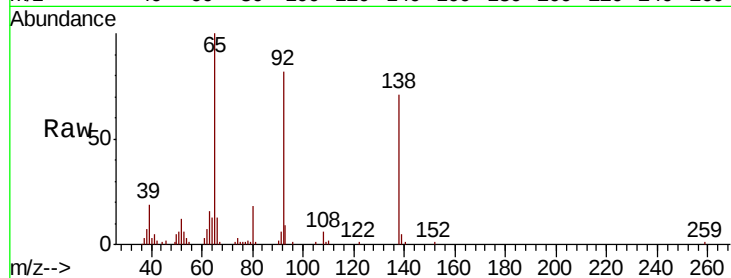




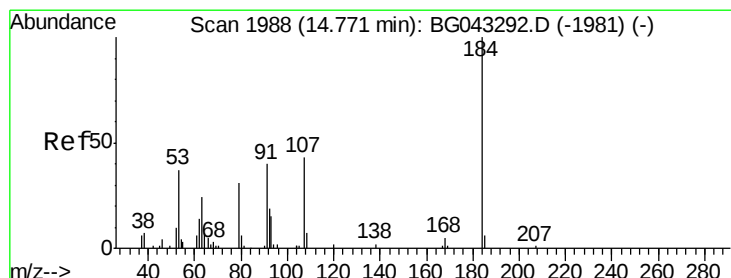
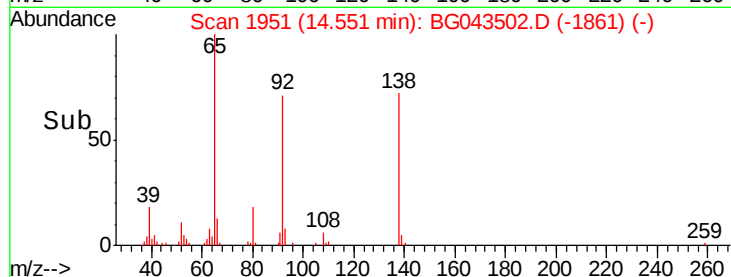
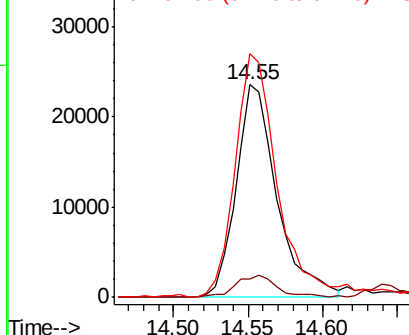
#53
3-Nitroaniline
Concen: 29.154 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 44734
Ion Ratio Lower Upper
138 100
108 8.8 8.0 12.0
92 114.5 90.9 136.3

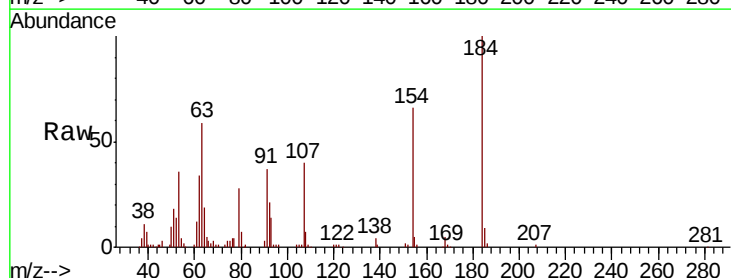


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

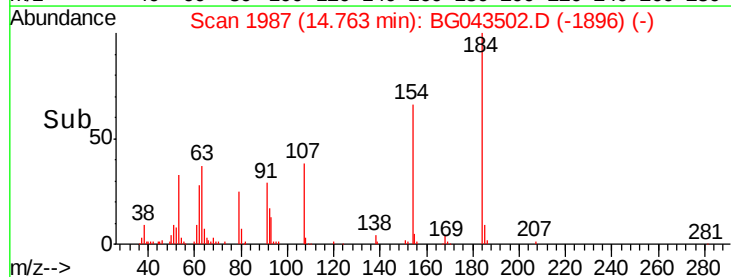
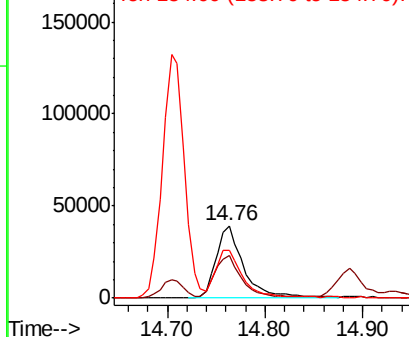


#54
2,4-Dinitrophenol
Concen: 77.925 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:184 Resp: 77128
Ion Ratio Lower Upper
184 100
63 59.4 51.3 76.9
154 66.4 55.4 83.0



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

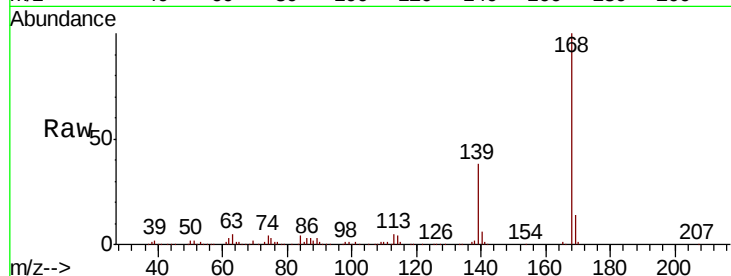




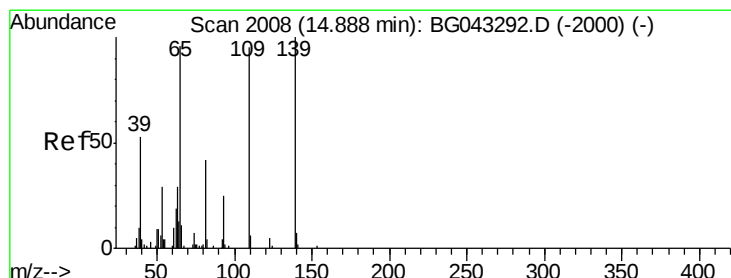
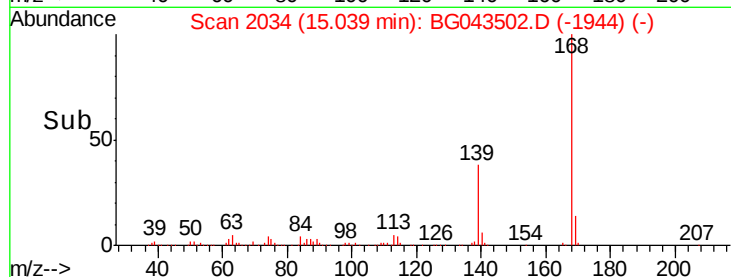
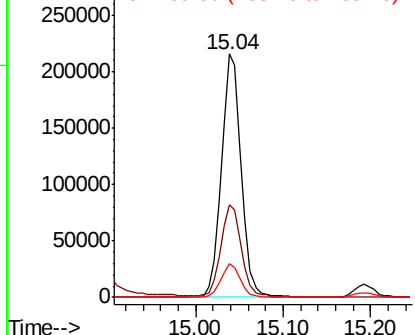
#55
Dibenzofuran
Concen: 40.126 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 337630
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.7 11.7 17.5

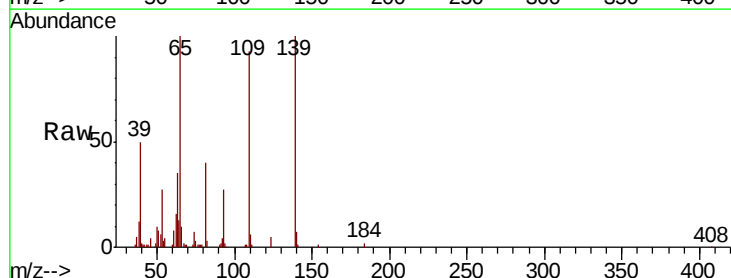


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

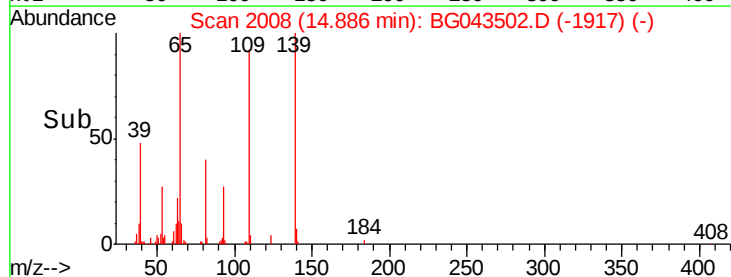
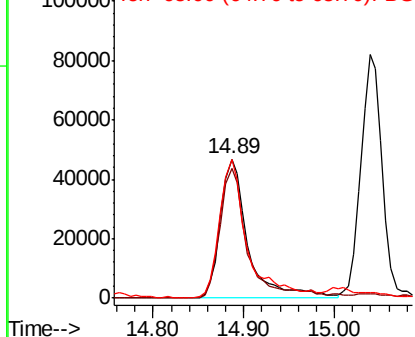


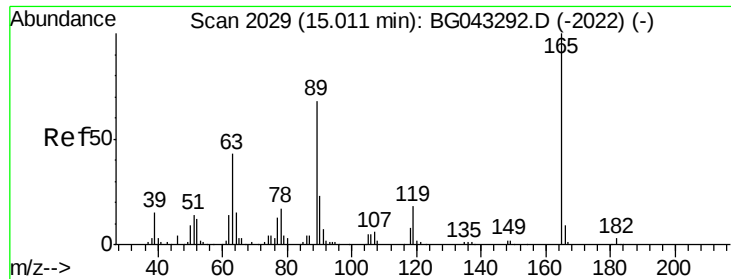
#56
4-Nitrophenol
Concen: 97.707 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:139 Resp: 100468
Ion Ratio Lower Upper
139 100
109 93.5 87.2 127.2
65 100.4 83.8 123.8



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

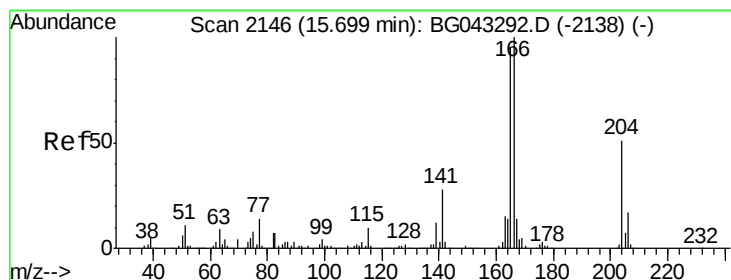
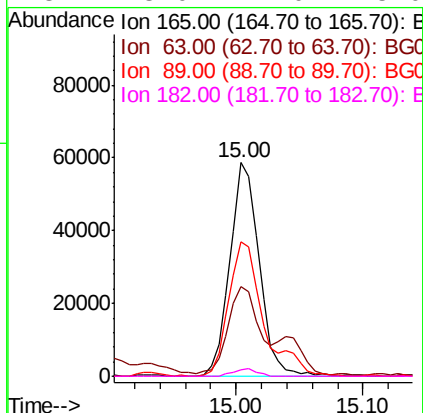
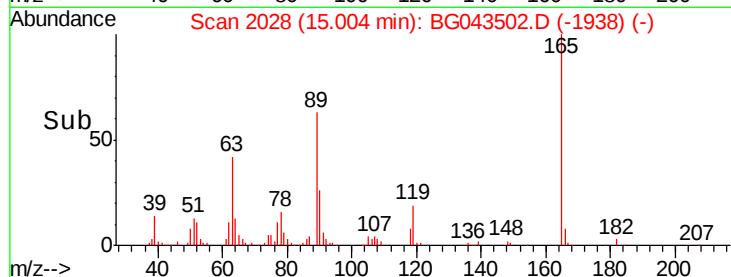
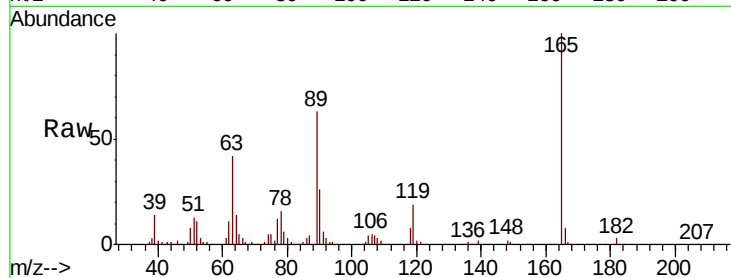




#57
 2,4-Dinitrotoluene
 Concen: 41.296 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

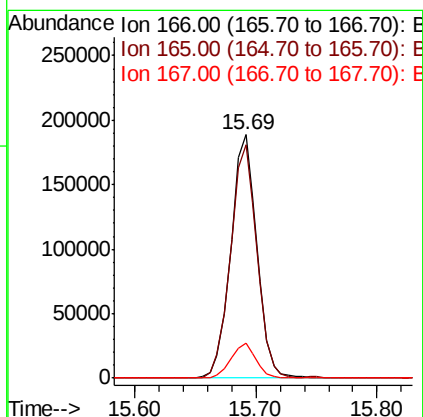
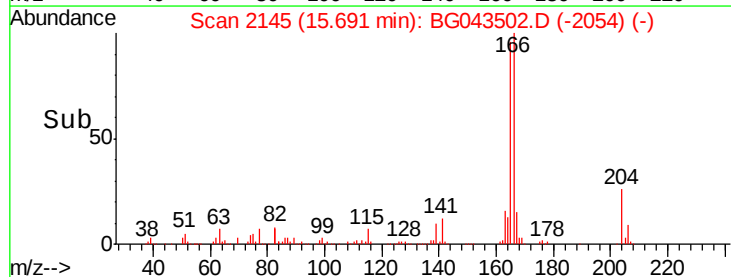
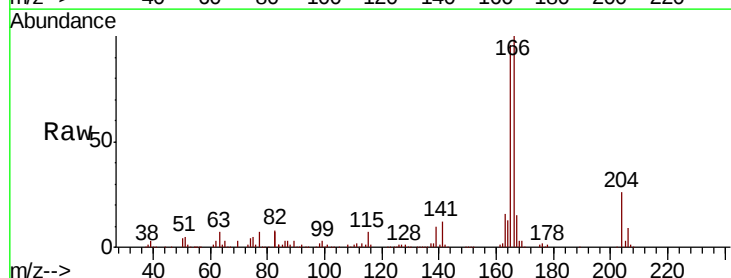
Instrument :
 BNA_G
 ClientSampleId :

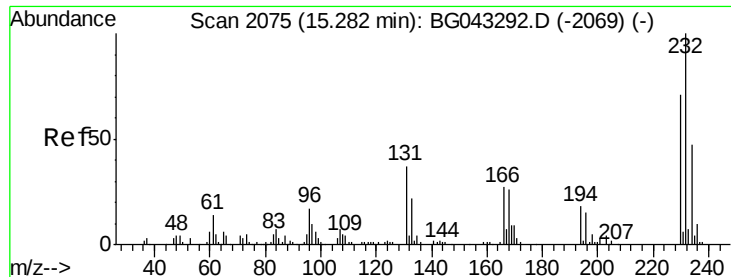
Tot Ion:165 Resp: 93793
 Ion Ratio Lower Upper
 165 100
 63 42.1 33.2 49.8
 89 62.9 52.2 78.4
 182 3.0 2.0 3.0#



#58
 Fluorene
 Concen: 40.207 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:166 Resp: 283748
 Ion Ratio Lower Upper
 166 100
 165 95.6 79.0 118.6
 167 14.5 10.5 15.7

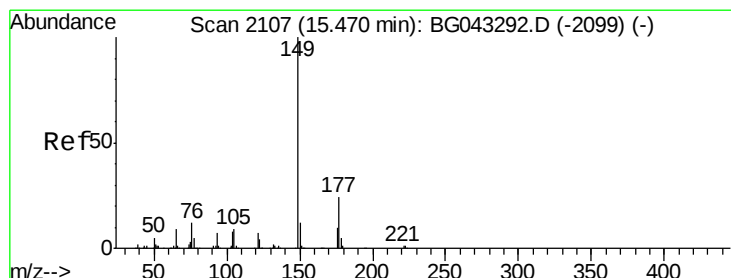
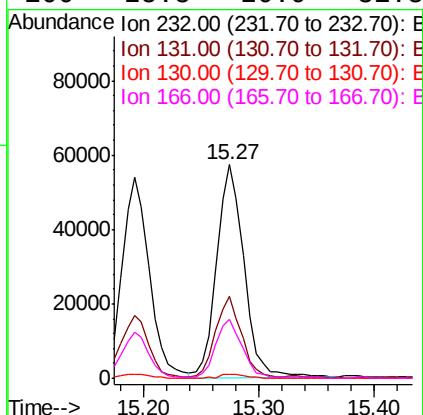
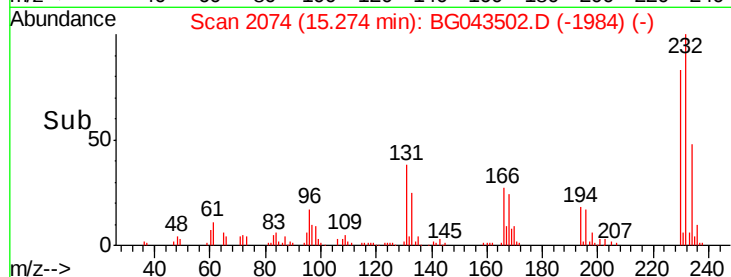
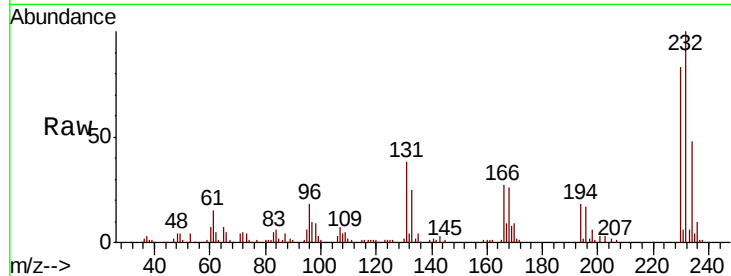




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.457 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

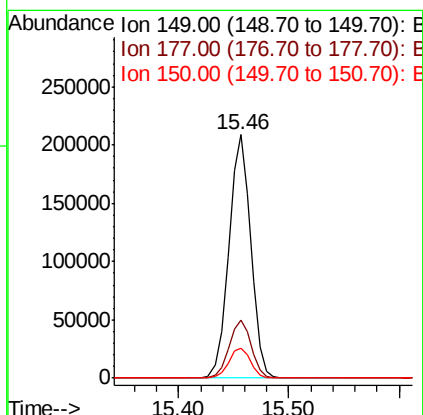
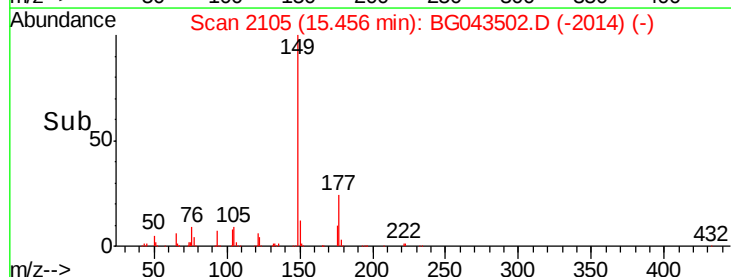
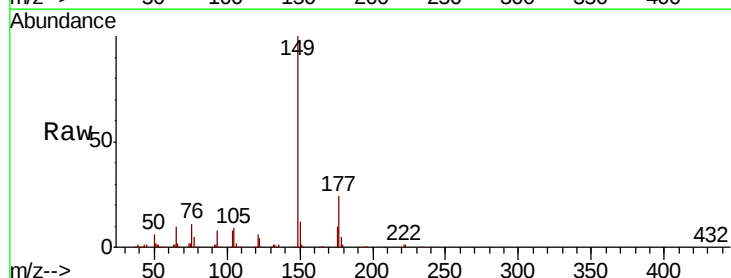
Instrument :
 BNA_G
 ClientSampleId :

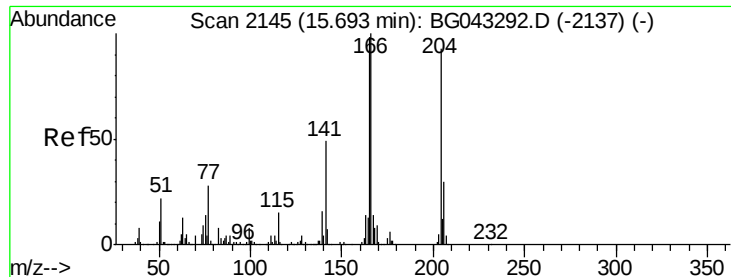
Tot Ion:	232	Resp:	93872
Ion	Ratio	Lower	Upper
232	100		
131	36.9	26.9	40.3
130	2.0	1.8	2.6
166	25.8	20.9	31.3



#60
 Diethylphthalate
 Concen: 39.549 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:	149	Resp:	290707
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.6	29.4
150	12.3	10.8	16.2

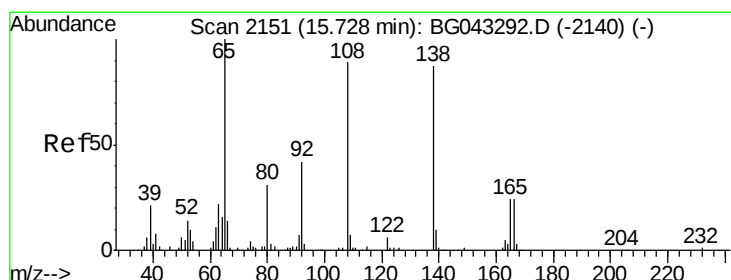
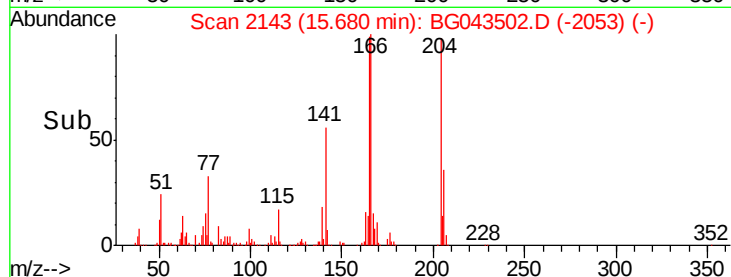
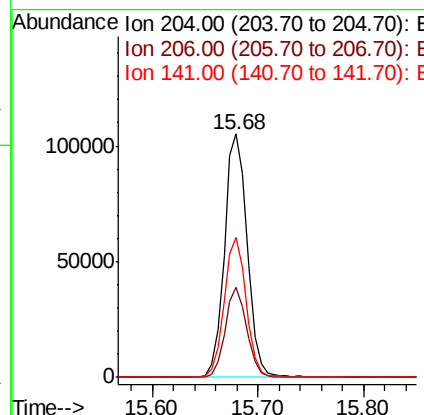
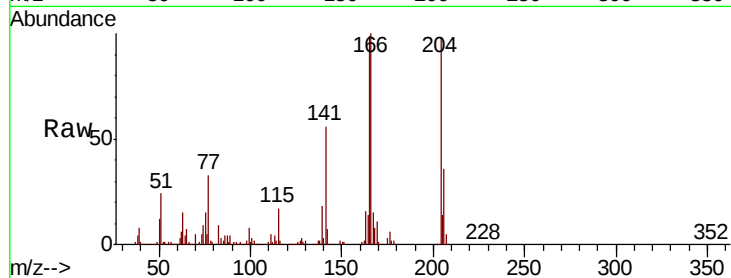




#61
 4-Chlorophenyl-phenylether
 Concen: 38.339 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

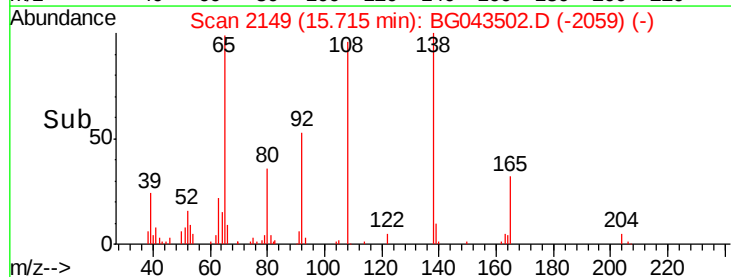
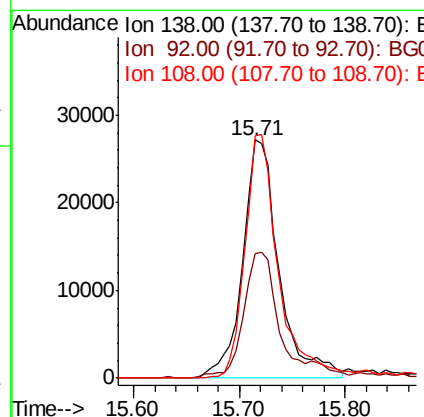
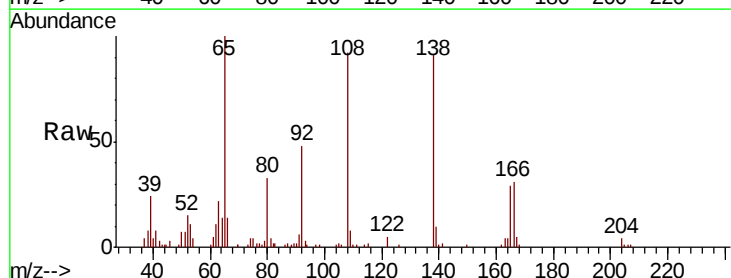
Instrument :
 BNA_G
 ClientSampled :

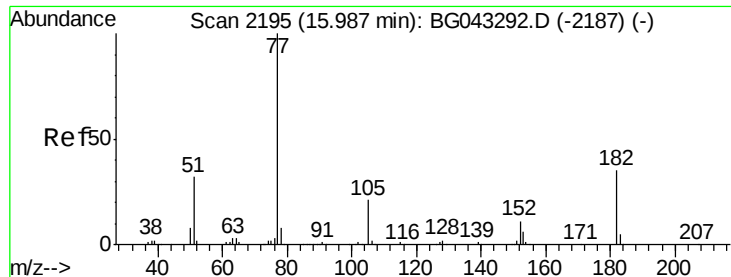
Tot Ion:204 Resp: 157840
 Ion Ratio Lower Upper
 204 100
 206 37.1 28.4 42.6
 141 57.5 43.0 64.6



#62
 4-Nitroaniline
 Concen: 40.823 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:138 Resp: 64691
 Ion Ratio Lower Upper
 138 100
 92 52.6 33.4 73.4
 108 101.9 78.0 118.0

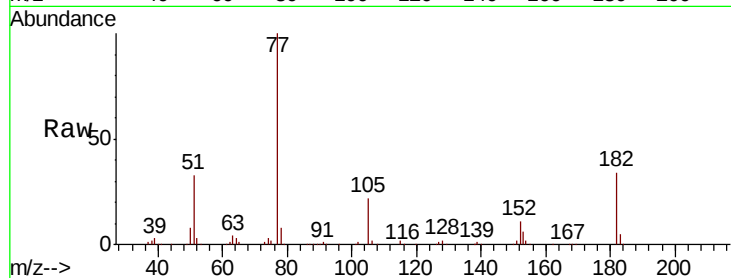




#63
Azobenzene
Concen: 40.426 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.1	13.7	53.7
105	22.2	0.4	40.4
51	33.5	11.0	51.0



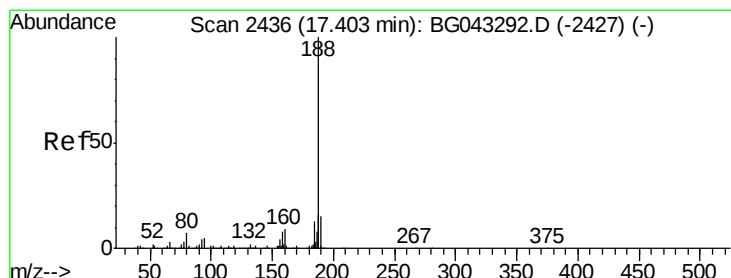
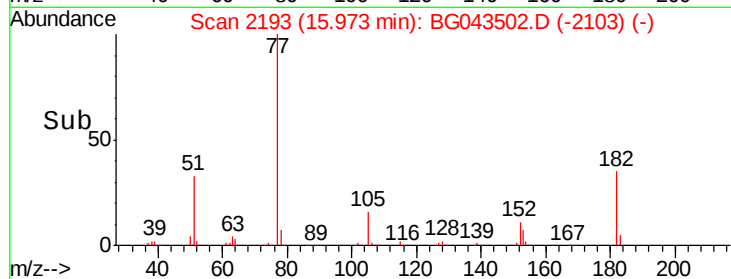
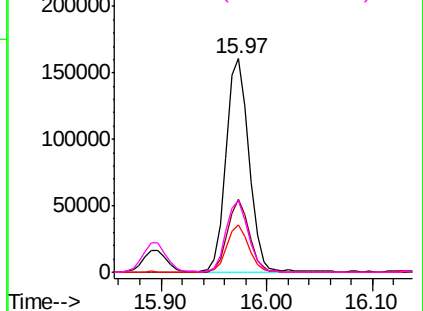
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

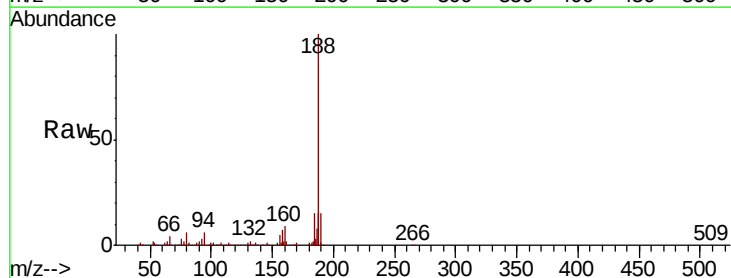
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.4	4.5	6.7

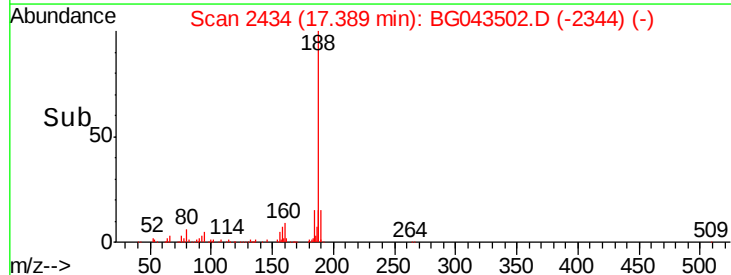
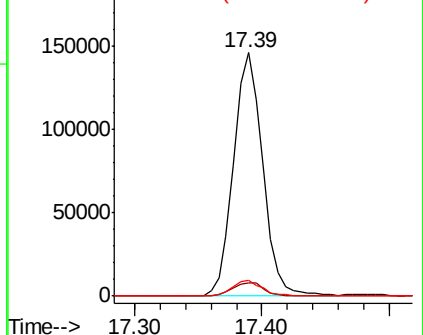


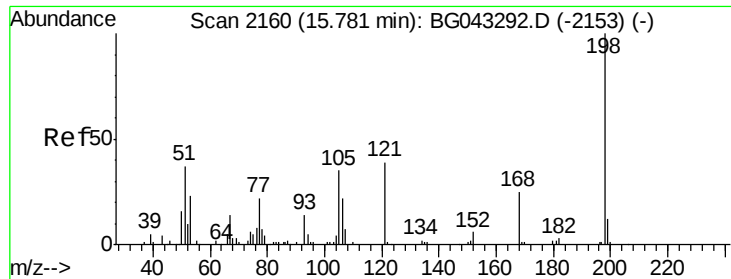
Abundance

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: 44.466 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

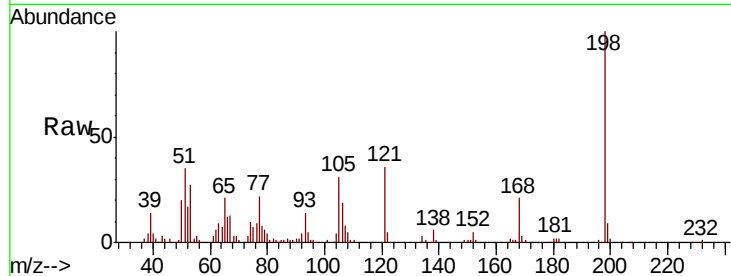
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 60547

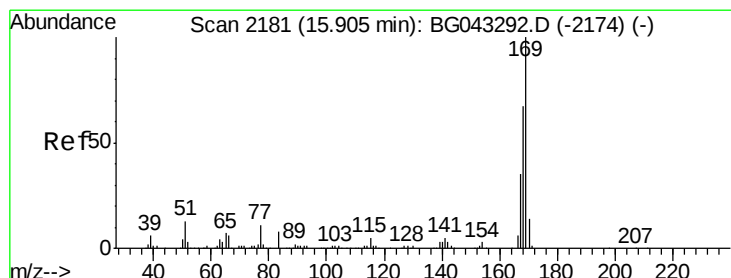
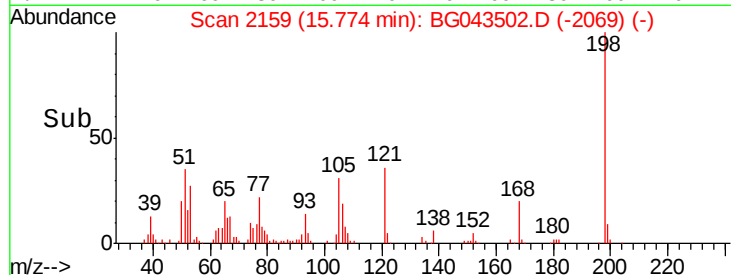
Ion	Ratio	Lower	Upper
198	100		
51	34.8	13.2	53.2
105	31.4	15.8	55.8



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: 39.519 ng

RT: 15.90 min Scan# 2180

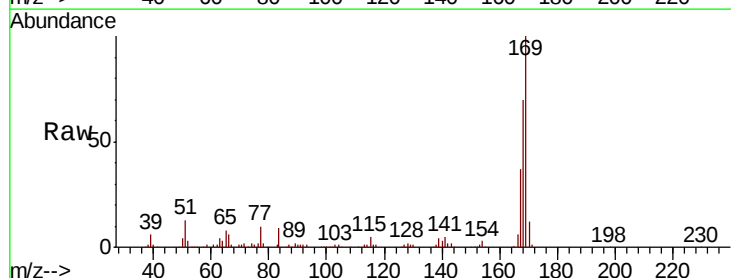
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:169 Resp: 258152

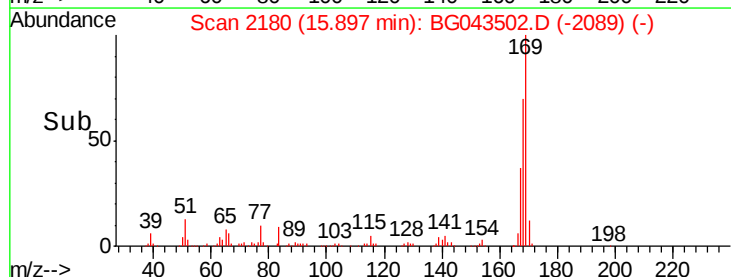
Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.8	80.6
167	37.0	27.5	41.3

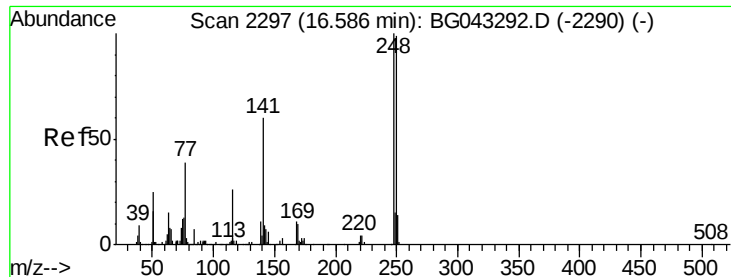


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

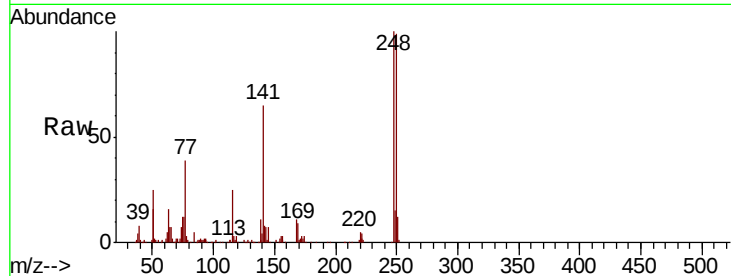




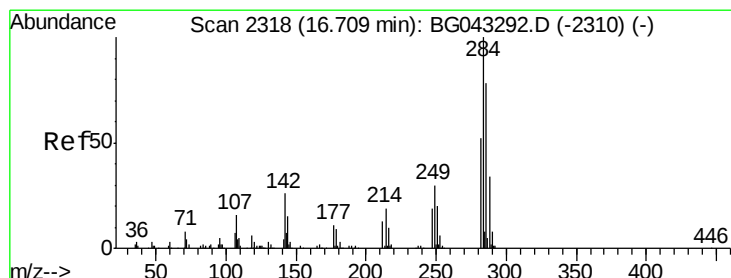
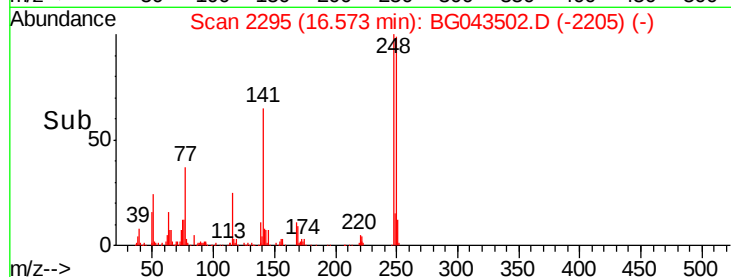
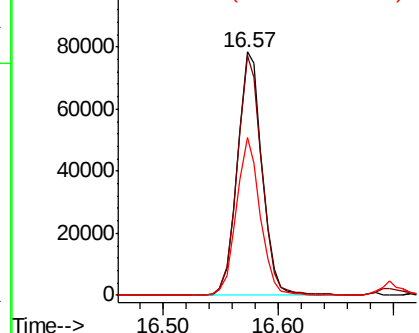
#67
4-Bromophenyl-phenylether
Concen: 37.092 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 115499
Ion Ratio Lower Upper
248 100
250 98.6 77.0 115.4
141 64.8 47.5 71.3

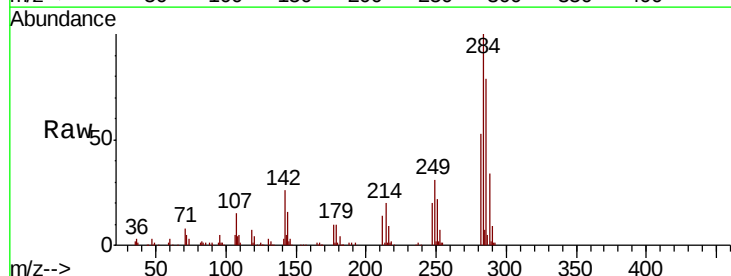


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

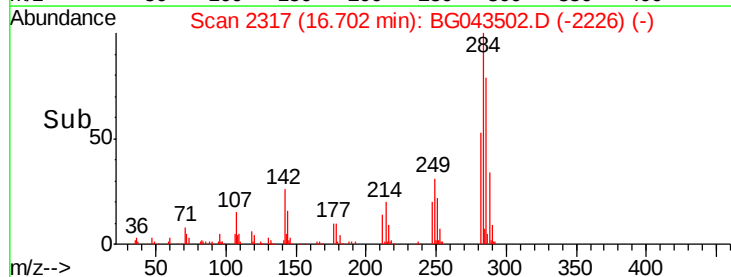
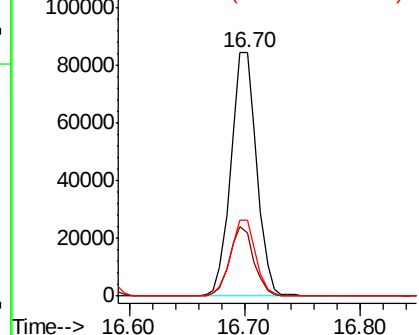


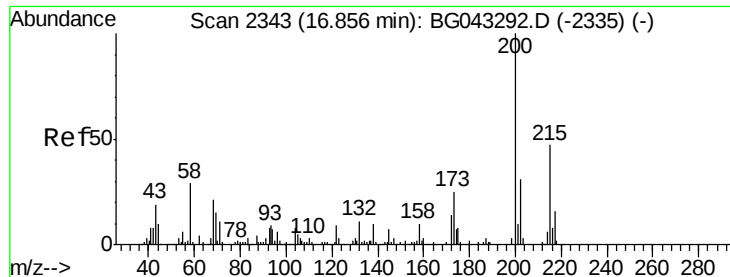
#68
Hexachlorobenzene
Concen: 36.372 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:284 Resp: 130002
Ion Ratio Lower Upper
284 100
142 26.2 19.8 29.8
249 31.0 23.8 35.6



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

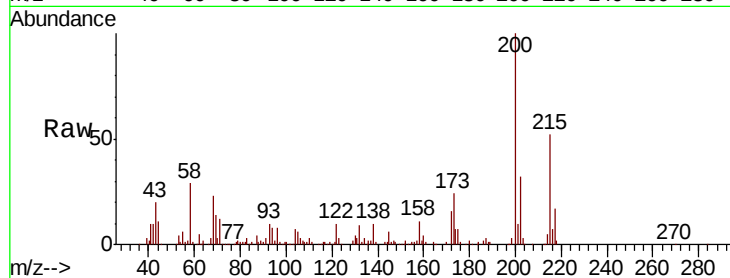




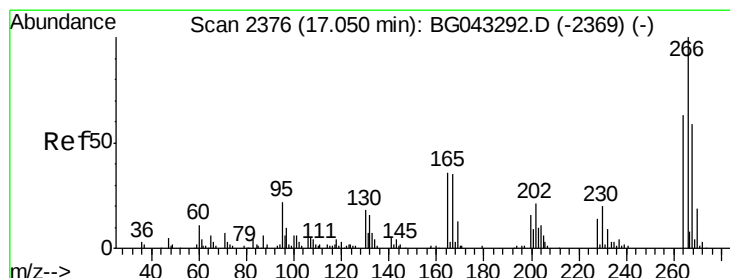
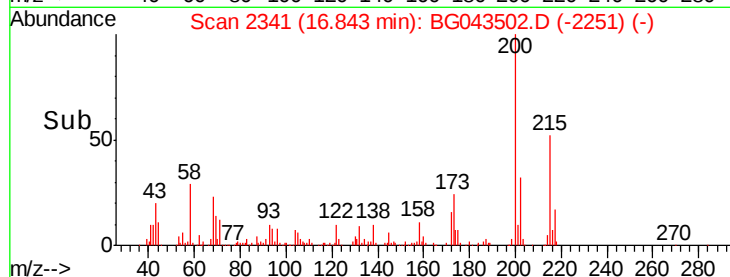
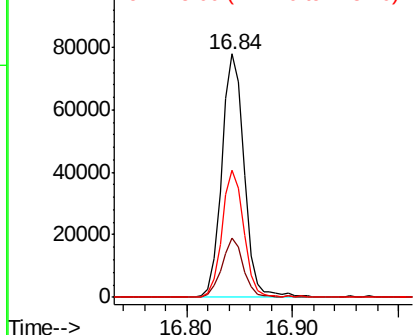
#69
Atrazine
Concen: 50.545 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:200 Resp: 114729
Ion Ratio Lower Upper
200 100
173 24.2 4.7 44.7
215 52.2 28.5 68.5

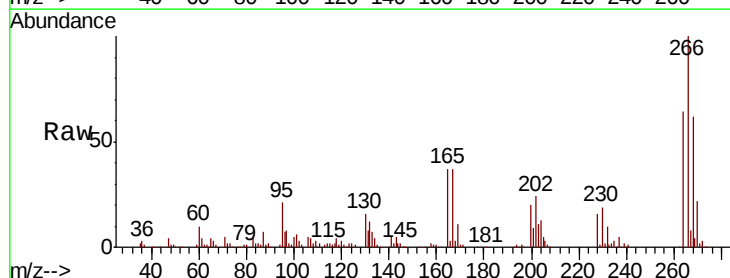


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

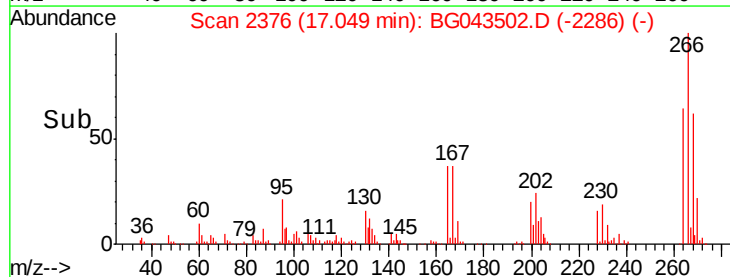
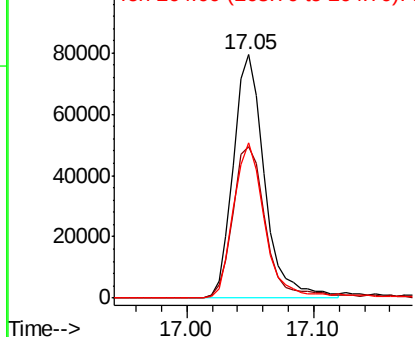


#70
Pentachlorophenol
Concen: 83.330 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:266 Resp: 135717
Ion Ratio Lower Upper
266 100
268 62.0 50.4 75.6
264 63.9 48.9 73.3



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

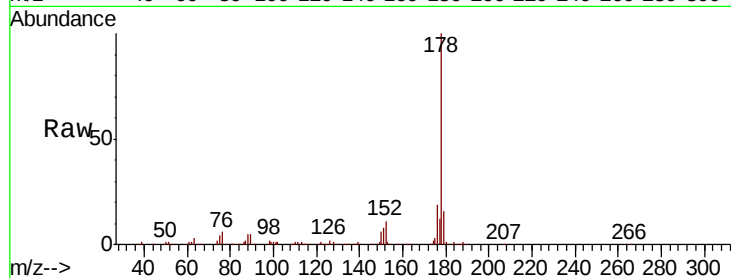




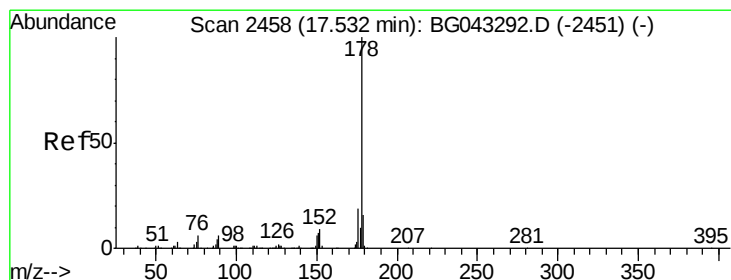
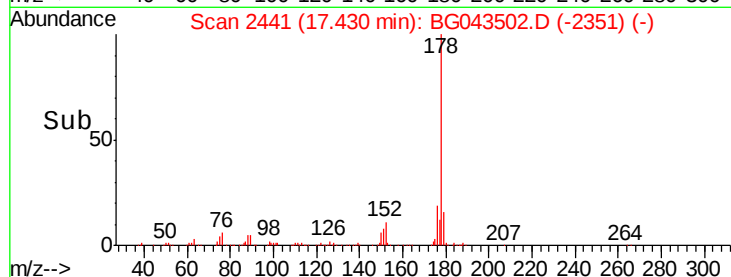
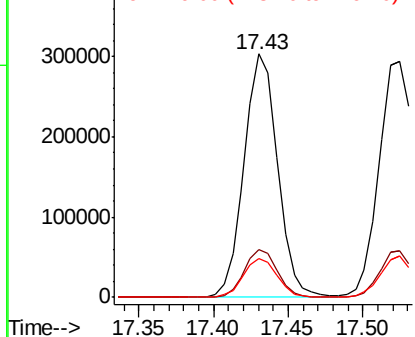
#71
Phenanthrene
Concen: 39.766 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 471163
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 13.0 19.6

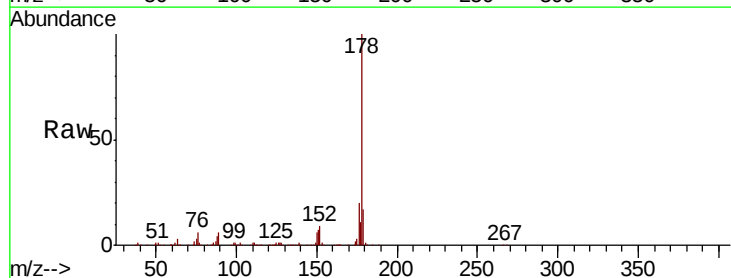


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

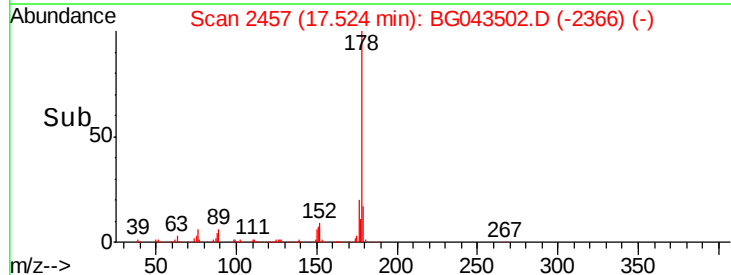
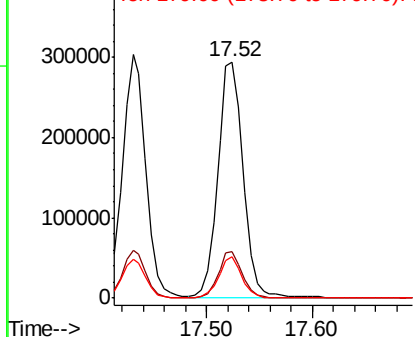


#72
Anthracene
Concen: 41.378 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion:178 Resp: 490507
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 17.3 13.7 20.5



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

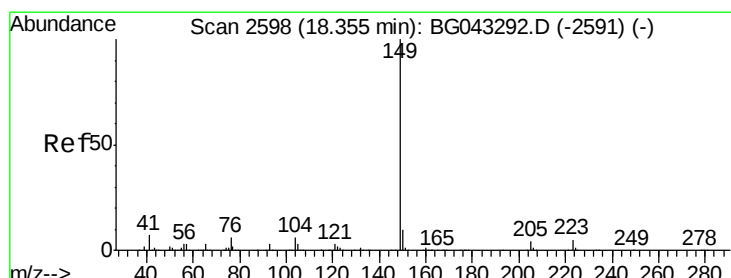
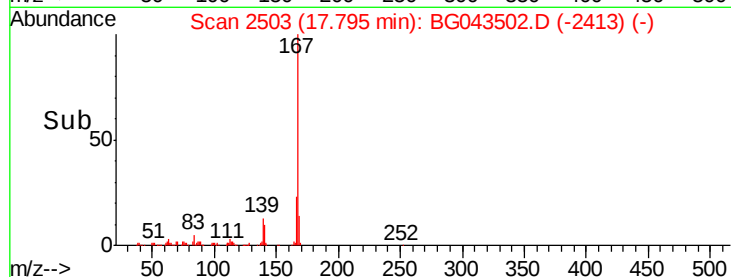
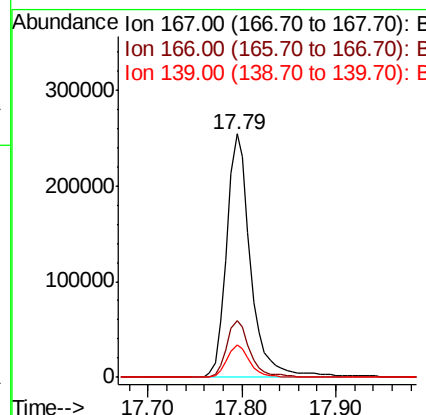
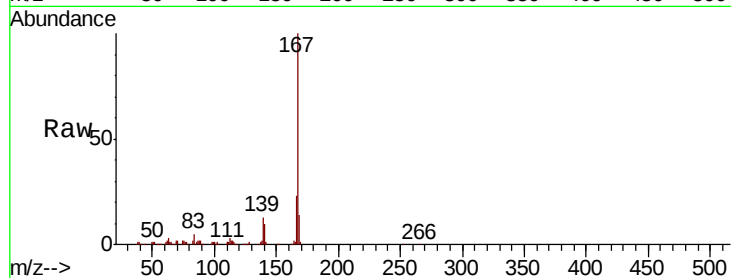




#73
 Carbazole
 Concen: 42.152 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

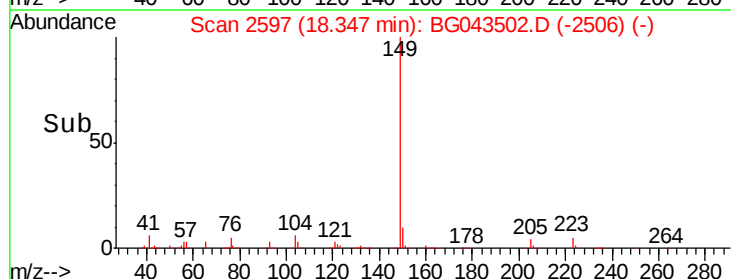
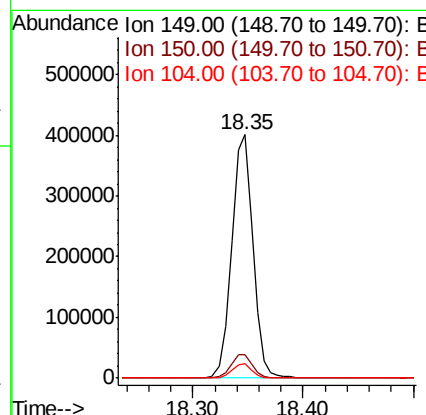
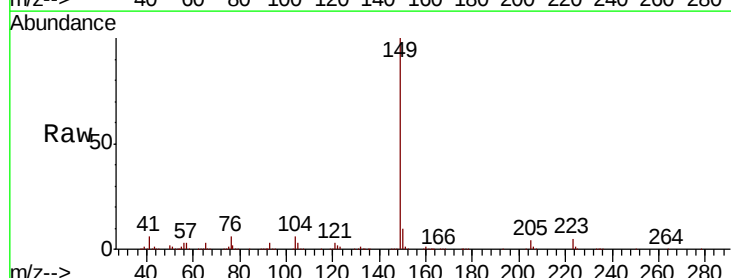
Instrument :
 BNA_G
 ClientSampleId :

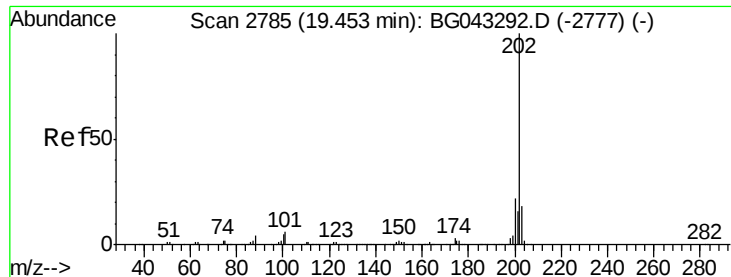
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.7	28.1
139	13.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 41.566 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.8	4.4	6.6





#75

Fluoranthene

Concen: 42.229 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043502.D

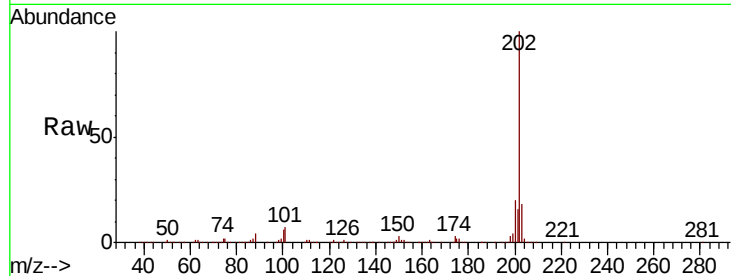
Acq: 5 Nov 2019 11:25

Instrument :

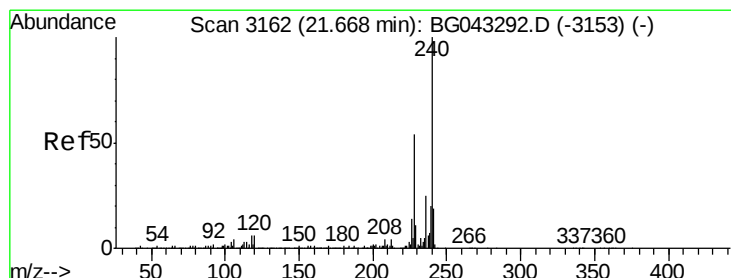
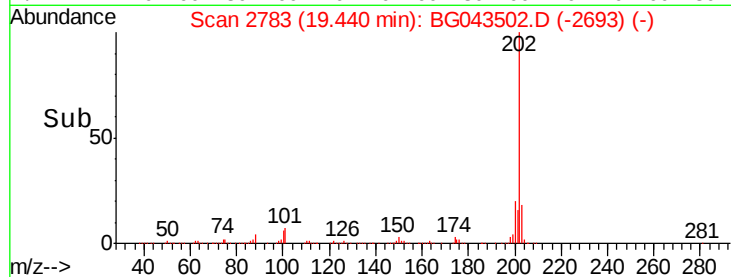
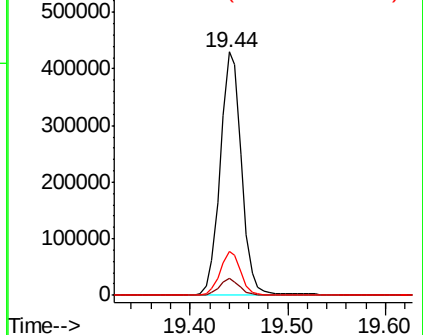
BNA_G

ClientSampled :

Tot Ion:	202	Resp:	652282
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	26.3
203	18.2	0.0	37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

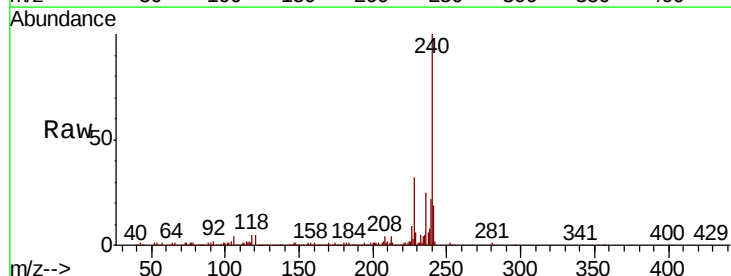
RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

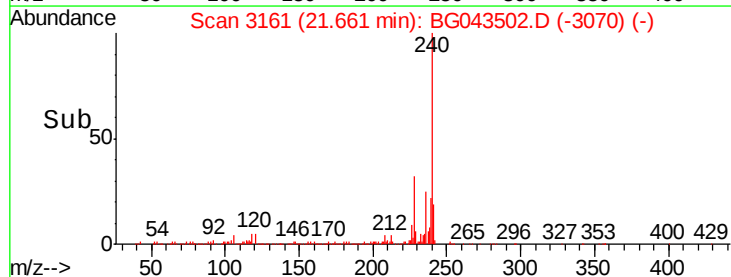
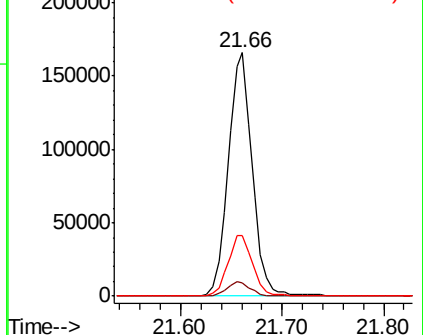
Lab File: BG043502.D

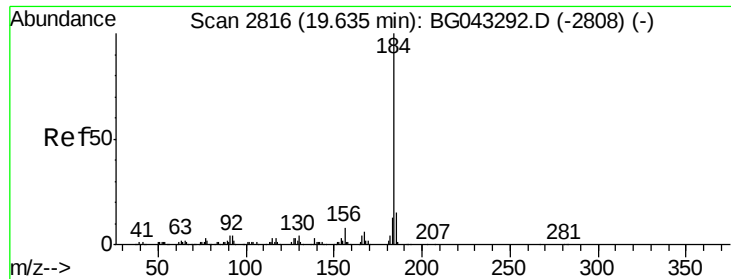
Acq: 5 Nov 2019 11:25

Tgt Ion:	240	Resp:	270986
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.6	6.8
236	25.1	19.8	29.8



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: 29.368 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

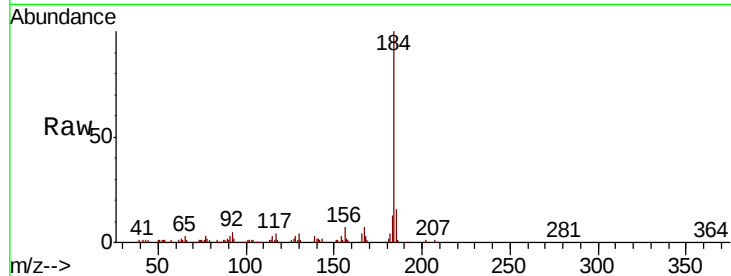
Tot Ion:184 Resp: 160166

Ion Ratio Lower Upper

184 100

185 16.2 11.0 16.4

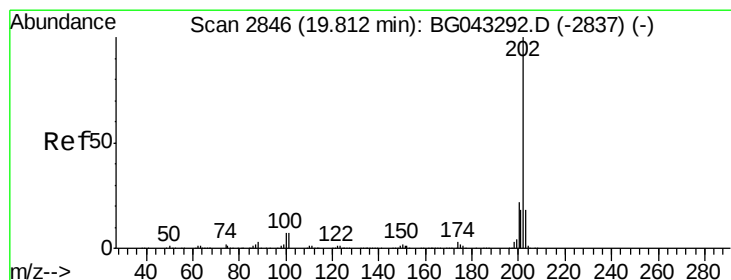
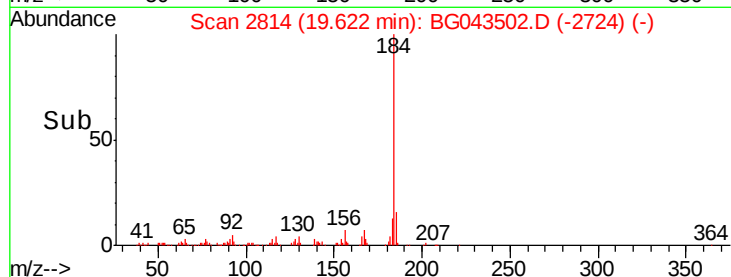
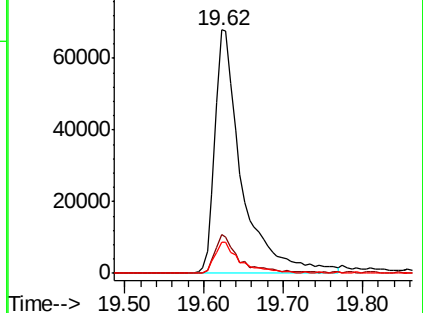
183 12.9 10.0 15.0



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: 39.059 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

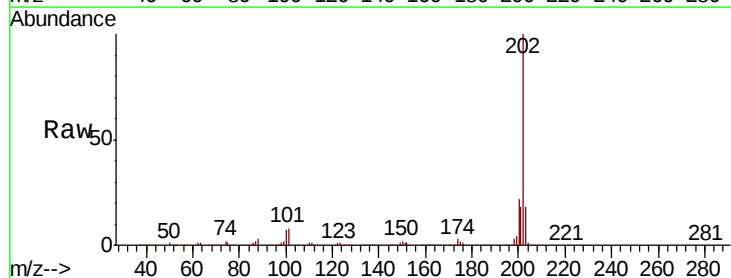
Tgt Ion:202 Resp: 655161

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

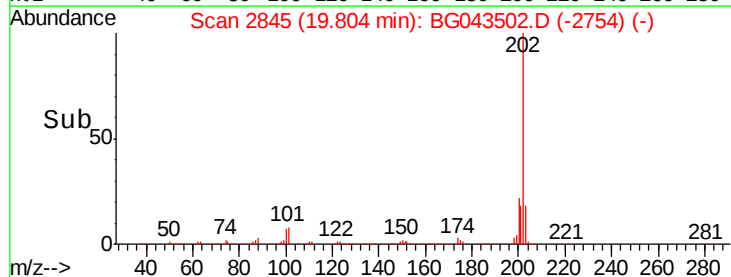
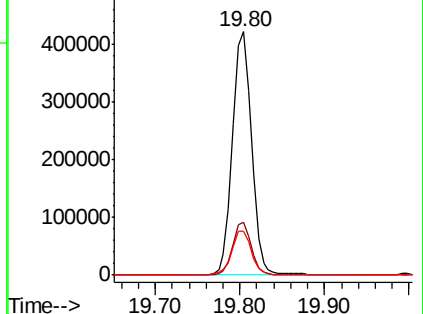
203 17.9 14.7 22.1

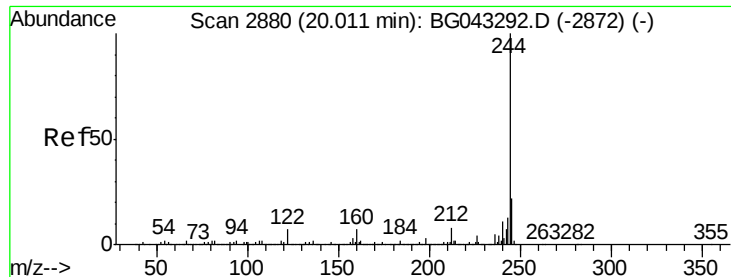


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.208 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

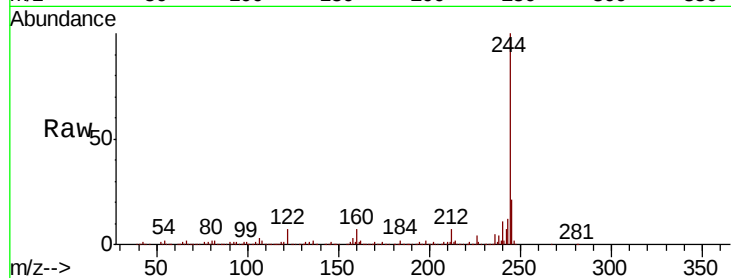
Tot Ion:244 Resp: 884110

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

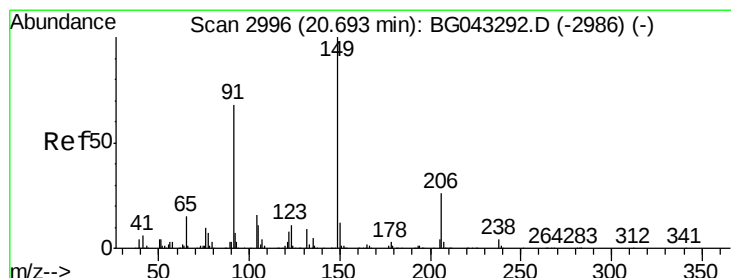
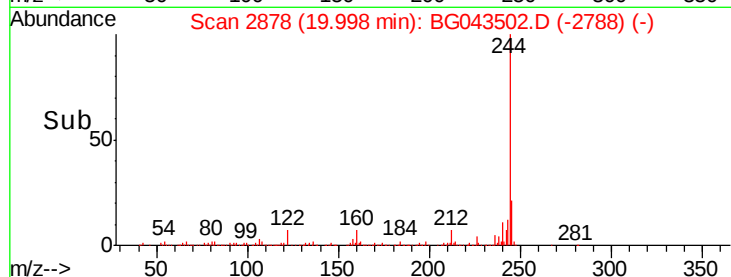
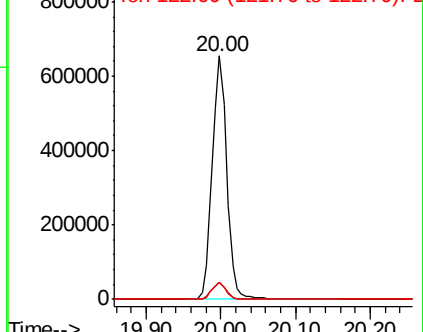
122 7.0 5.4 8.2



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: 39.550 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

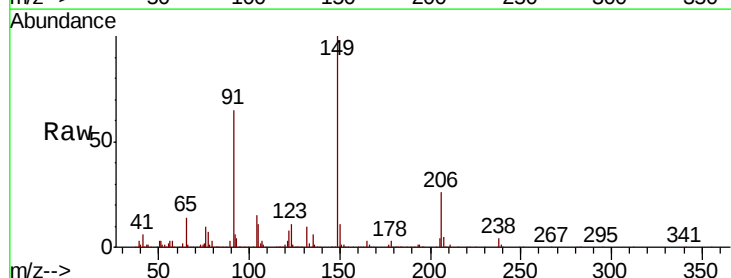
Tgt Ion:149 Resp: 251338

Ion Ratio Lower Upper

149 100

91 65.3 51.2 76.8

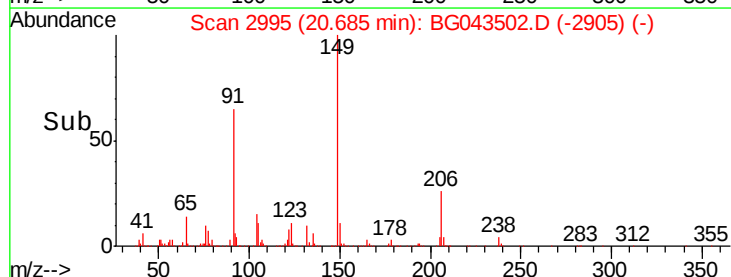
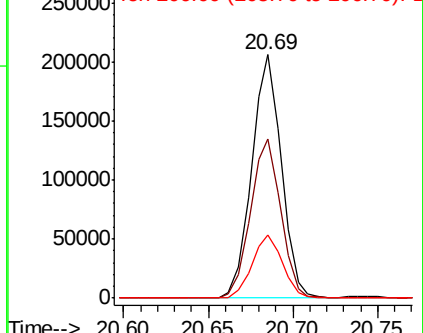
206 25.8 22.5 33.7

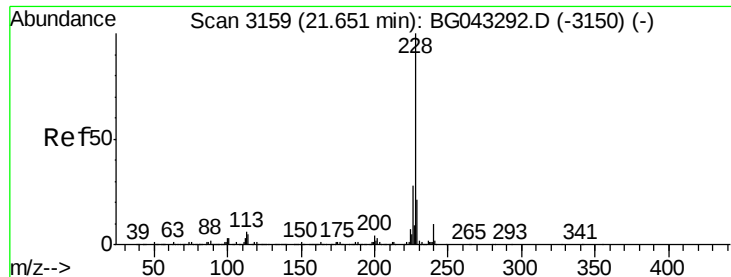


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.839 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampled :

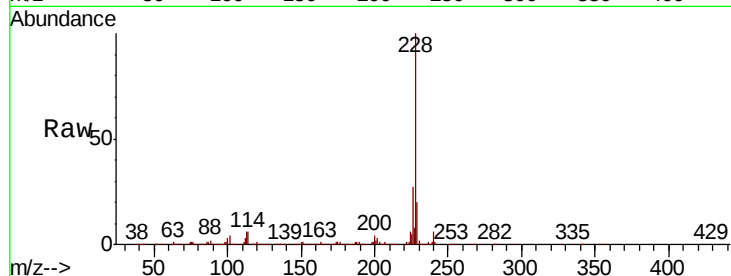
Tot Ion:228 Resp: 676235

Ion Ratio Lower Upper

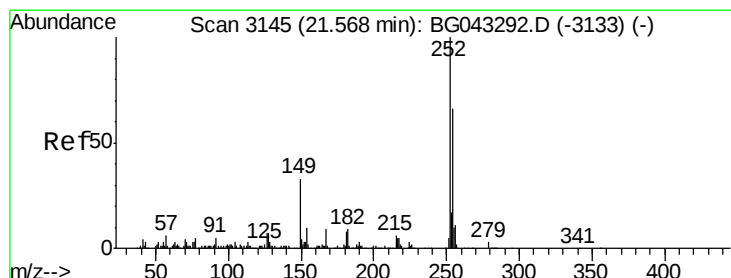
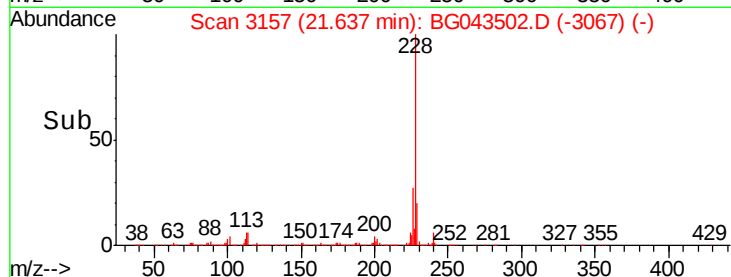
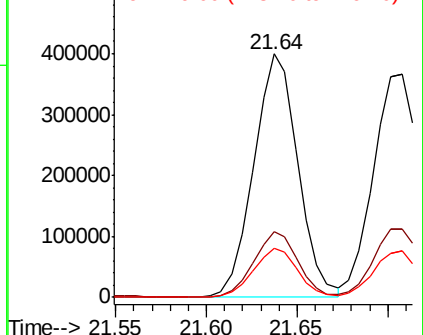
228 100

226 27.0 22.2 33.2

229 20.1 17.0 25.4



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: 34.576 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

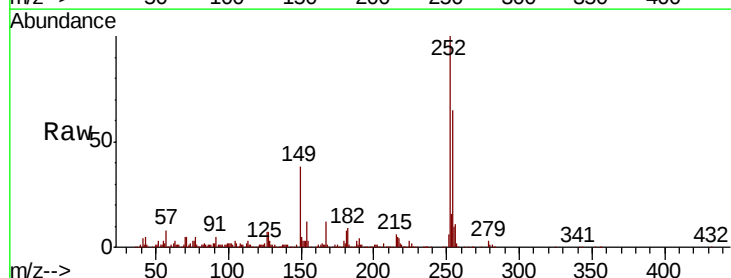
Tgt Ion:252 Resp: 227005

Ion Ratio Lower Upper

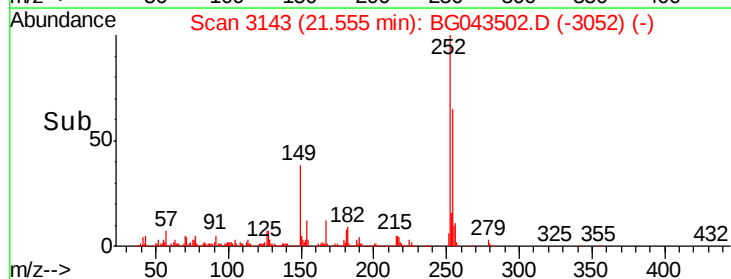
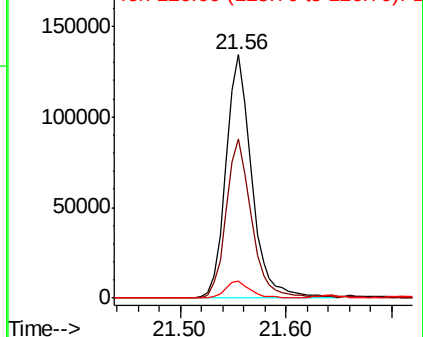
252 100

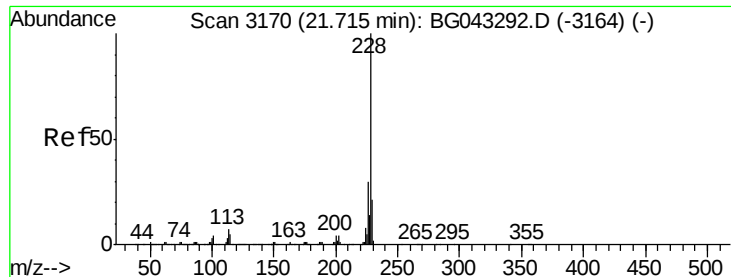
254 65.1 50.8 76.2

126 6.8 6.1 9.1



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: 38.790 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

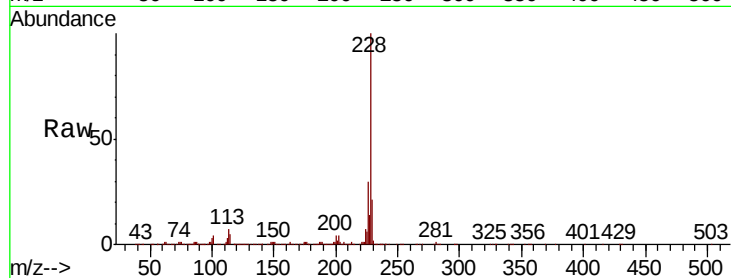
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 654210

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	20.7	17.0	25.4

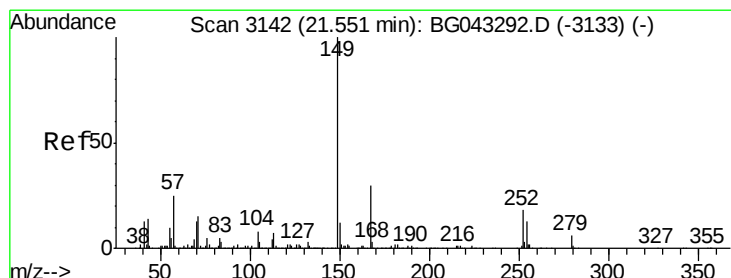
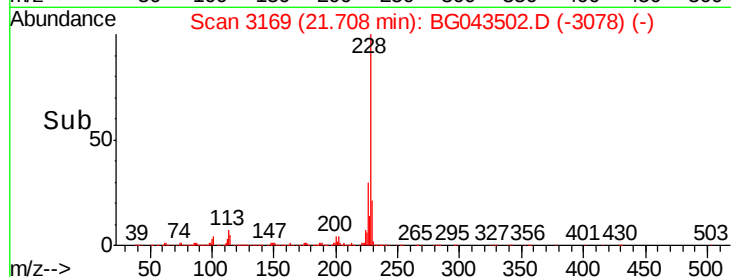
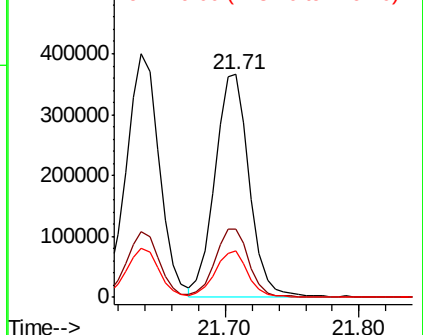


Abundance

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: 40.277 ng

RT: 21.54 min Scan# 3140

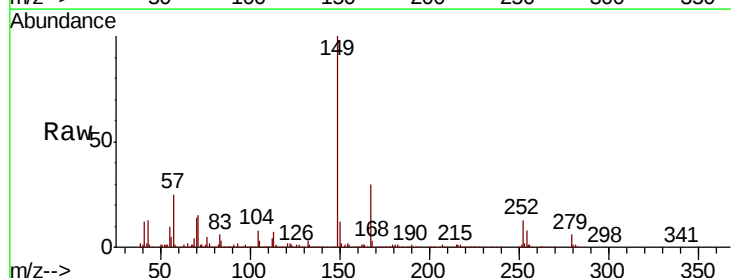
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:149 Resp: 363589

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	5.9	5.4	8.2

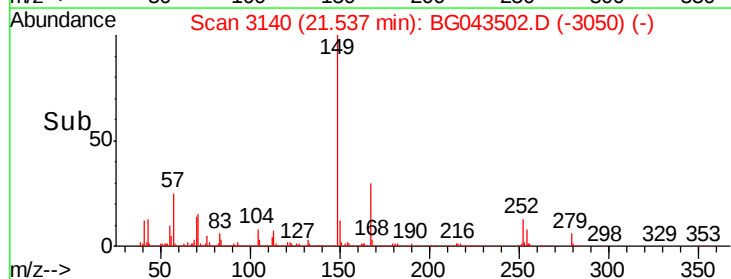
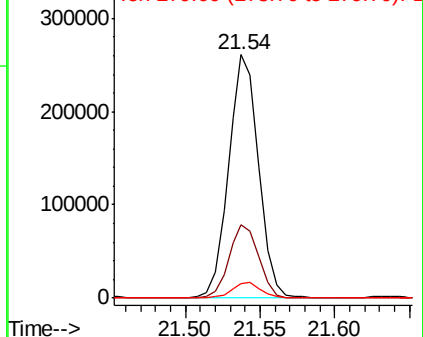


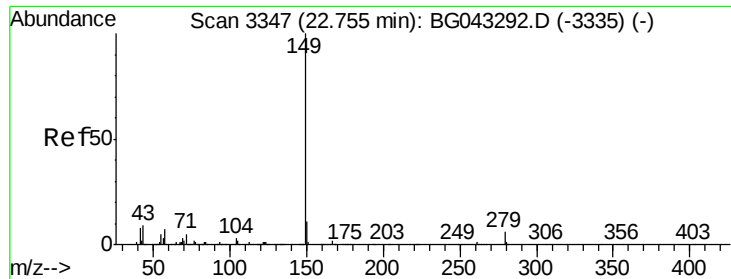
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.017 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043502.D

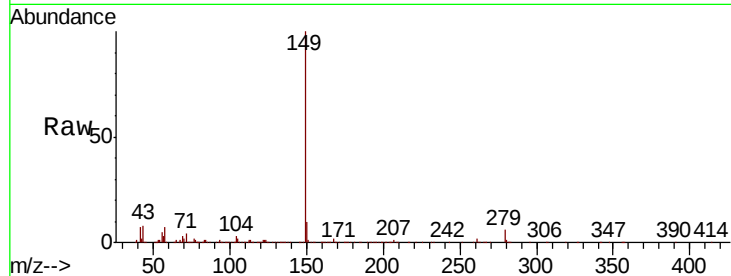
Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:149	Resp:	628195
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.4 2.2
43	8.4	7.0 10.6

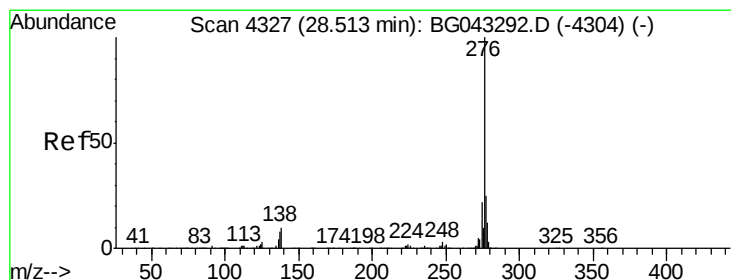
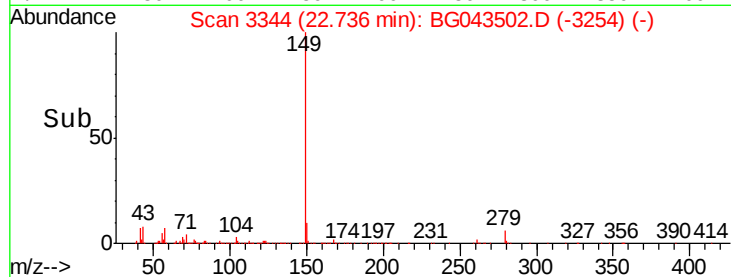
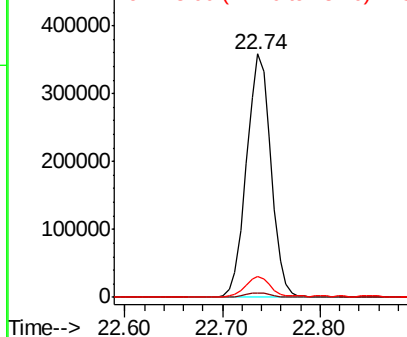


Abundance

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: 40.591 ng

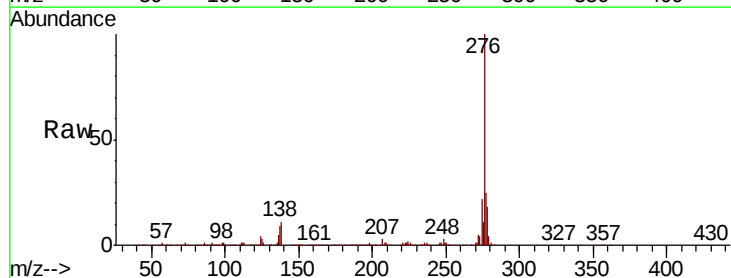
RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:276	Resp:	859322
Ion Ratio	Lower	Upper
276	100	
138	5.9	6.8 10.2#
277	26.6	20.9 31.3

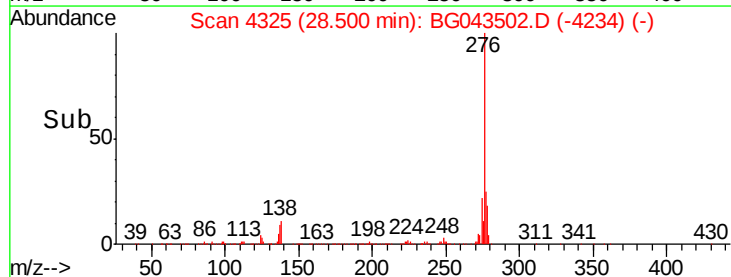
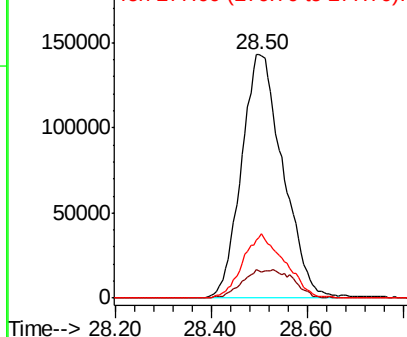


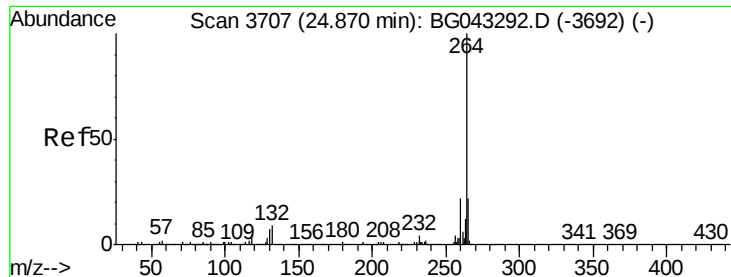
Abundance

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: 24.86 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

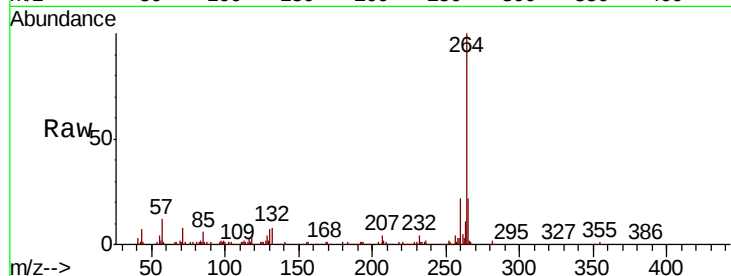
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 248847

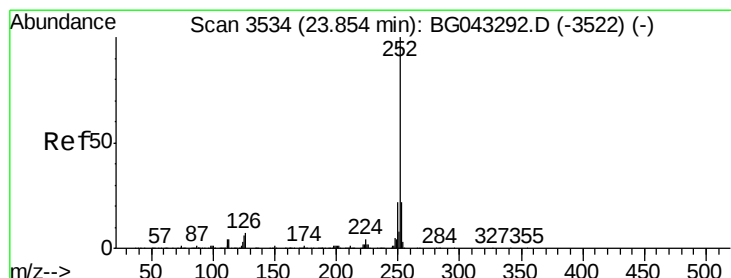
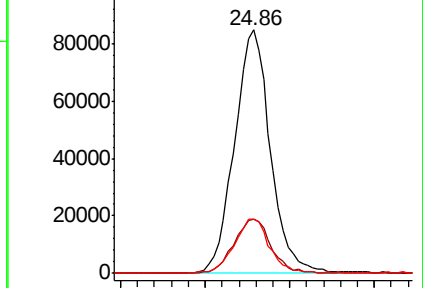
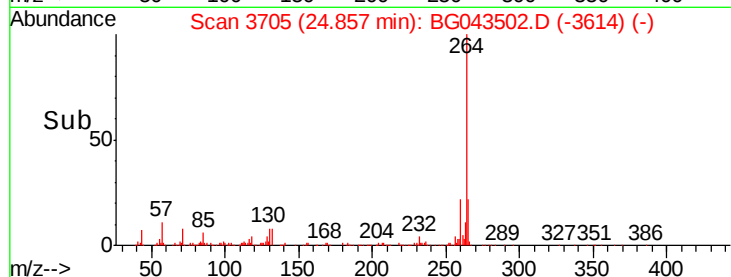
Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	22.4	17.4	26.0



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: 51.202 ng

RT: 23.84 min Scan# 3532

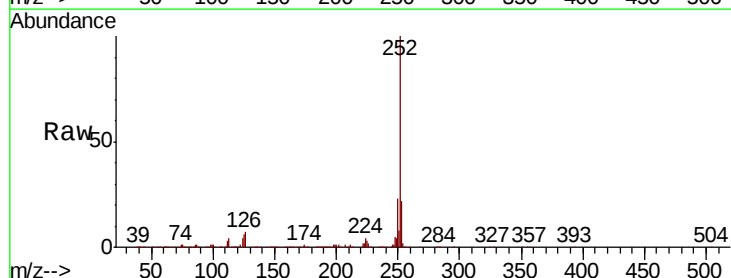
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:252 Resp: 721638

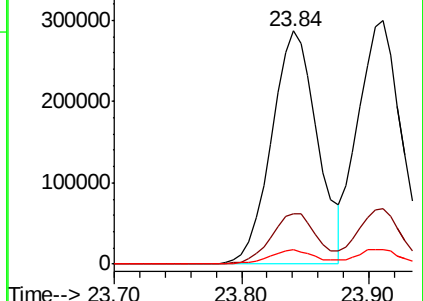
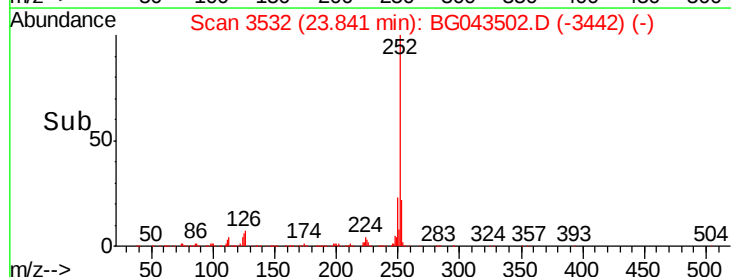
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	6.0	4.5	6.7

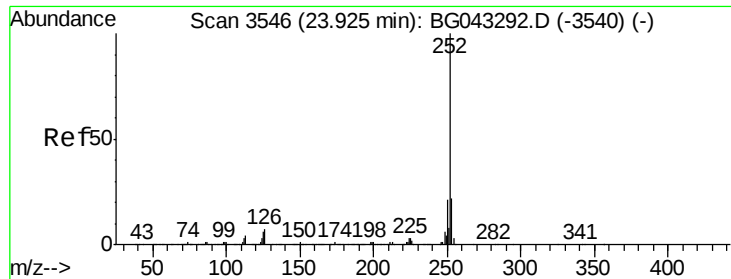


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.634 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

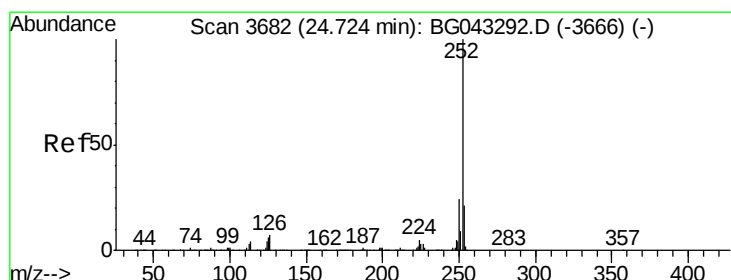
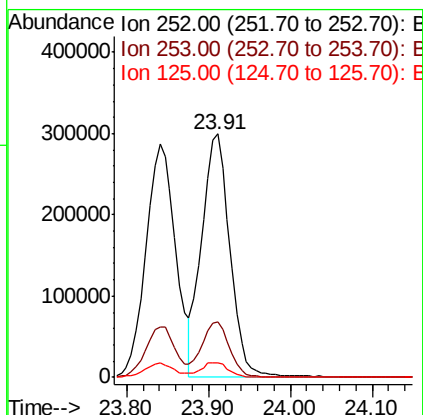
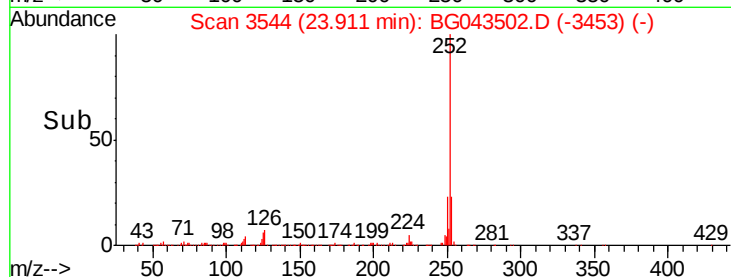
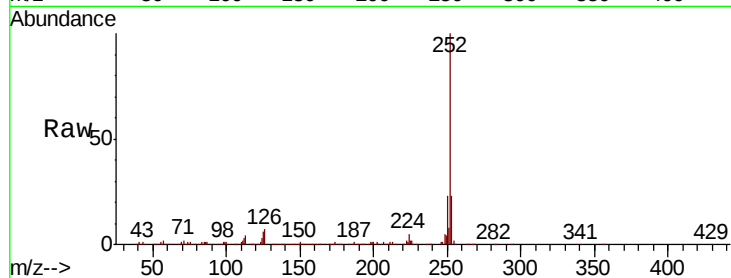
Tot Ion:252 Resp: 718416

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 5.8 4.6 6.8



#90

Benzo(a)pyrene

Concen: 48.668 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

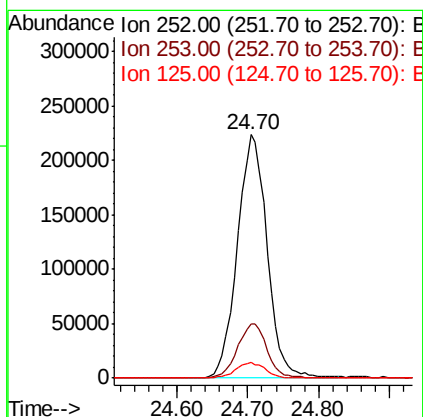
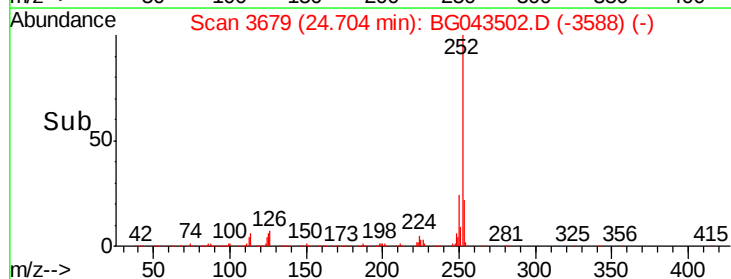
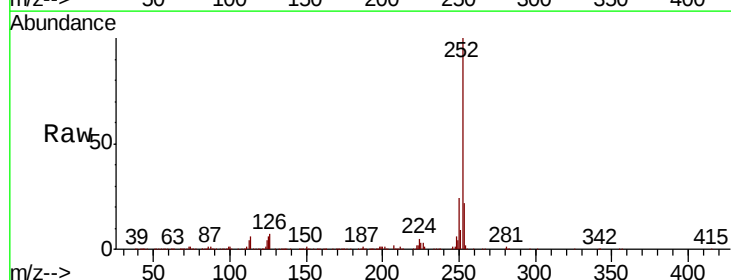
Tgt Ion:252 Resp: 655008

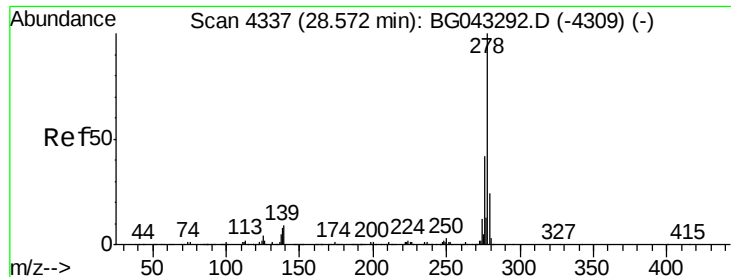
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.3 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 53.757 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

ClientSampleId :

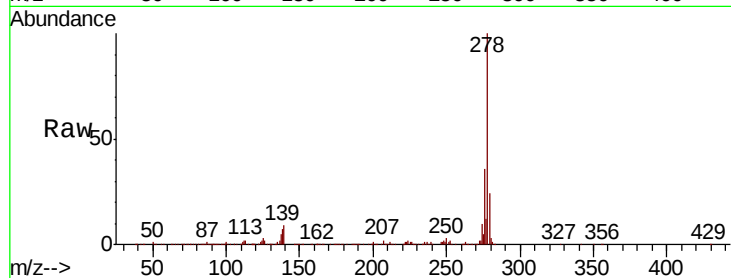
Tot Ion:278 Resp: 740033

Ion Ratio Lower Upper

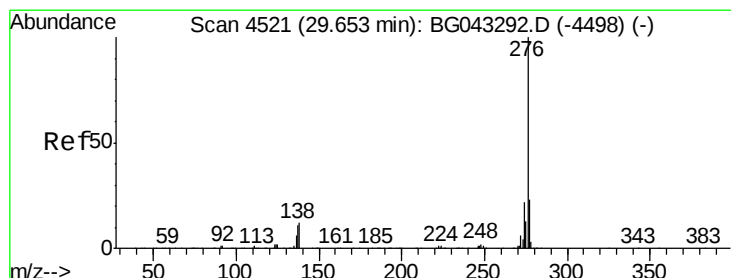
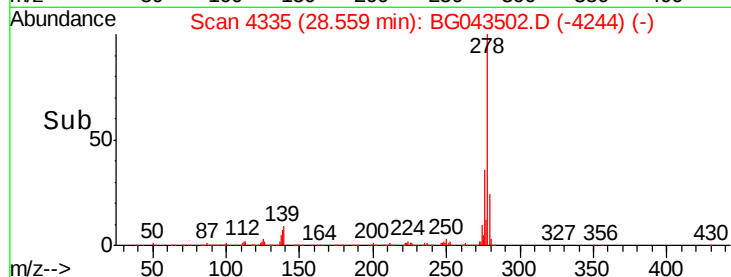
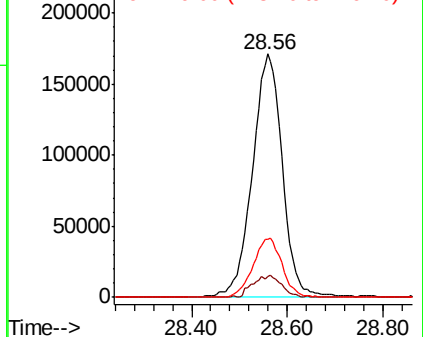
278 100

139 8.6 7.4 11.0

279 23.8 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 53.636 ng

RT: 29.65 min Scan# 4520

Delta R.T. 0.02 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

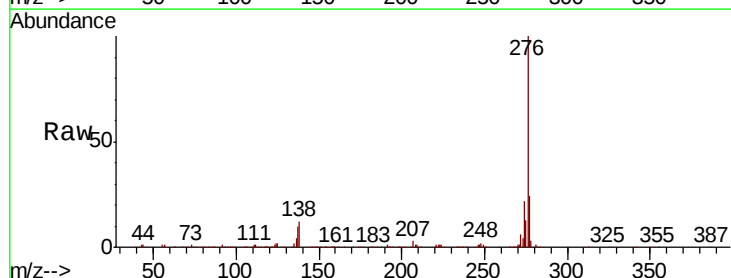
Tgt Ion:276 Resp: 728319

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 12.2 8.9 13.3



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

