

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043290.D
 Acq On : 21 Oct 2019 9:50
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 15:17:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 15:08:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35435	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142262	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106624	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	249552	20.00	ng	0.00
76) Chrysene-d12	21.67	240	283686	20.00	ng	0.00
87) Perylene-d12	24.87	264	318115	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	36645	18.46	ng	0.00
7) Phenol-d6	7.20	99	51302	17.94	ng	0.00
23) Nitrobenzene-d5	9.19	82	54685	18.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	39889	21.76	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	163733	22.26	ng	0.00
79) Terphenyl-d14	20.01	244	340677	25.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	8340	10.074	ng	91
3) Pyridine	3.91	79	16703	7.174	ng	# 87
4) n-Nitrosodimethylamine	3.81	42	8259	7.376	ng	# 85
6) Aniline	7.35	93	29036	8.412	ng	93
8) 2-Chlorophenol	7.60	128	21677	10.468	ng	93
9) Benzaldehyde	7.17	77	15802	9.044	ng	89
10) Phenol	7.22	94	23646	9.014	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	18773	9.249	ng	87
12) 1,3-Dichlorobenzene	7.91	146	27044	10.238	ng	89
13) 1,4-Dichlorobenzene	8.06	146	26790	10.174	ng	95
14) 1,2-Dichlorobenzene	8.38	146	27681	11.041	ng	96
15) Benzyl Alcohol	8.28	79	15933	7.412	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	29718	7.624	ng	97
17) 2-Methylphenol	8.48	107	18505	10.081	ng	98
18) Hexachloroethane	9.11	117	9960	10.043	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	17682	9.418	ng	95
20) 3+4-Methylphenols	8.81	107	24033	9.554	ng	88
22) Acetophenone	8.85	105	35732	9.744	ng	# 96
24) Nitrobenzene	9.23	77	26732	9.575	ng	94
25) Isophorone	9.75	82	50782	9.877	ng	98
26) 2-Nitrophenol	9.95	139	11793	9.923	ng	95
27) 2,4-Dimethylphenol	10.01	122	16783	9.195	ng	94
28) bis(2-Chloroethoxy)methane	10.24	93	27228	9.334	ng	93
29) 2,4-Dichlorophenol	10.50	162	20959	9.233	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	30270	10.326	ng	97
31) Naphthalene	10.88	128	73924	10.556	ng	99
32) Benzoic acid	10.13	122	1797	1.304	ng	# 87
33) 4-Chloroaniline	11.01	127	28295	9.311	ng	# 94
34) Hexachlorobutadiene	11.17	225	22368	10.191	ng	93
35) Caprolactam	11.75	113	6830	8.532	ng	# 78
36) 4-Chloro-3-methylphenol	12.13	107	23862	9.668	ng	94
37) 2-Methylnaphthalene	12.48	142	56433	10.563	ng	93
38) 1-Methylnaphthalene	12.71	142	54696	10.820	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	39750	9.915	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	15514	6.074	ng	96
43) 2,4,6-Trichlorophenol	13.18	196	20941	8.924	ng	94
44) 2,4,5-Trichlorophenol	13.18	196	20941	8.663	ng	# 92
46) 1,1'-Biphenyl	13.49	154	81738	10.109	ng	98
47) 2-Chloronaphthalene	13.54	162	62009	10.229	ng	98
48) 2-Nitroaniline	13.74	65	15647	7.761	ng	98
49) Acenaphthylene	14.38	152	98764	10.647	ng	95
50) Dimethylphthalate	14.11	163	85827	10.743	ng	98
51) 2,6-Dinitrotoluene	14.22	165	17844	10.488	ng	98
52) Acenaphthene	14.72	154	58083	9.355	ng	96
53) 3-Nitroaniline	14.58	138	14008	7.967	ng	92
54) 2,4-Dinitrophenol	14.84	184	772	0.730	ng	95
55) Dibenzofuran	15.05	168	99942	10.881	ng	99
56) 4-Nitrophenol	14.91	139	3497	2.610	ng	87
57) 2,4-Dinitrotoluene	15.02	165	24093	9.670	ng	# 97
58) Fluorene	15.70	166	82498	10.520	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	25469	9.896	ng	# 99
60) Diethylphthalate	15.46	149	87108	10.714	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	46908	9.974	ng	94
62) 4-Nitroaniline	15.74	138	14733	7.683	ng	93
63) Azobenzene	15.99	77	69394	9.375	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	12204	8.642	ng	93
66) n-Nitrosodiphenylamine	15.91	169	73192	11.110	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	33700	10.759	ng	95
68) Hexachlorobenzene	16.71	284	40008	11.472	ng	95
69) Atrazine	16.85	200	28834	10.394	ng	93
70) Pentachlorophenol	17.06	266	14371	7.142	ng	93
71) Phenanthrene	17.44	178	133517	10.959	ng	99
72) Anthracene	17.54	178	133781	10.999	ng	96
73) Carbazole	17.81	167	117484	10.416	ng	93
74) Di-n-butylphthalate	18.36	149	146849	10.913	ng	98
75) Fluoranthene	19.45	202	179088	11.113	ng	99
77) Benzidine	19.65	184	64812	9.124	ng	96
78) Pyrene	19.81	202	187215	11.057	ng	97
80) Butylbenzylphthalate	20.70	149	65114	10.131	ng	95
81) Benzo(a)anthracene	21.65	228	184569	10.442	ng	95
82) 3,3'-Dichlorobenzidine	21.57	252	70313	10.142	ng	# 98
83) Chrysene	21.71	228	188423	10.985	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	93475	10.221	ng	99
85) Di-n-octyl phthalate	22.75	149	157343	10.522	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	210964	9.879	ng	# 97
88) Benzo(b)fluoranthene	23.92	252	191686	10.649	ng	99
89) Benzo(k)fluoranthene	23.92	252	191686	10.765	ng	100
90) Benzo(a)pyrene	24.72	252	175511	10.335	ng	# 99
91) Dibenzo(a,h)anthracene	28.58	278	172119	9.884	ng	97
92) Benzo(g,h,i)perylene	29.65	276	175991	10.431	ng	98

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

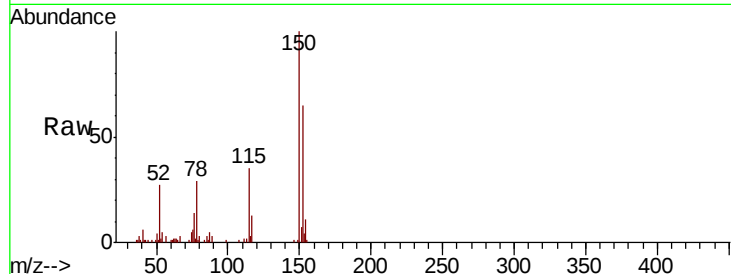


#1

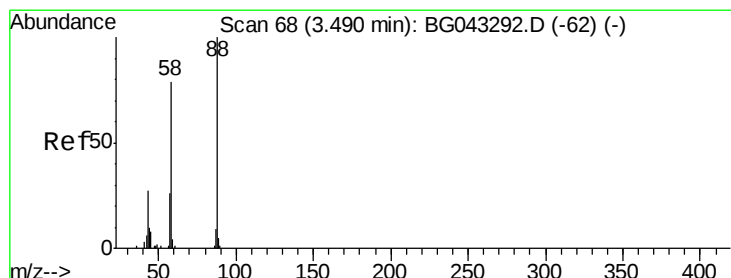
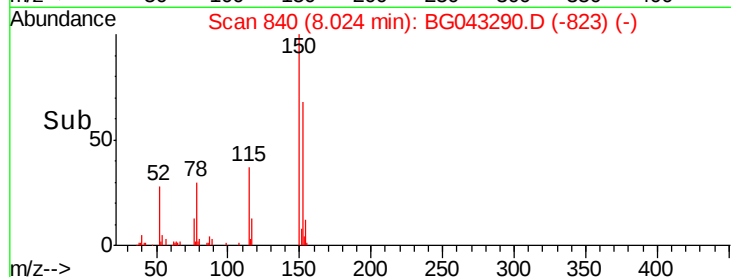
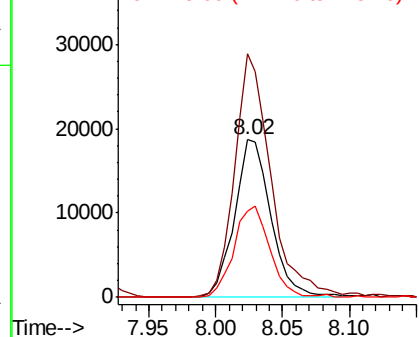
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	113.6	170.4
115	54.9	45.9	68.9



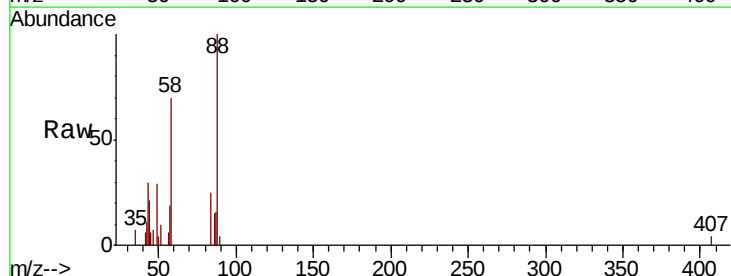
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



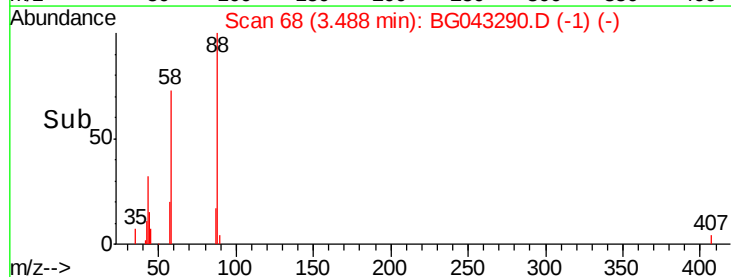
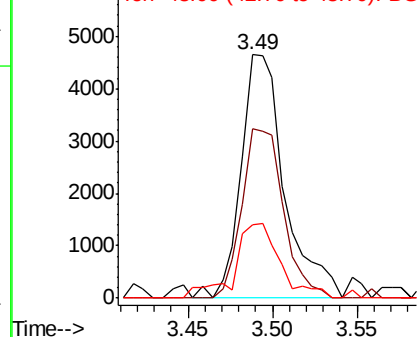
#2

1,4-Dioxane
Concen: 10.074 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	60.2	90.2
43	32.1	22.7	34.1



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: 7.174 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

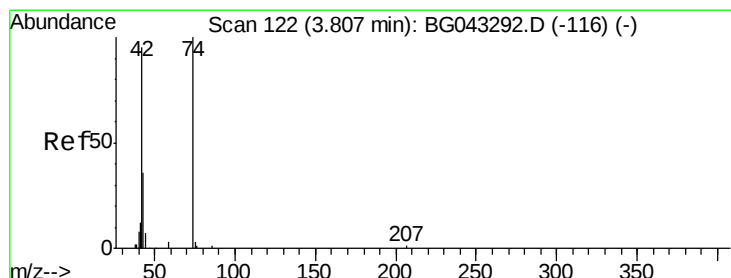
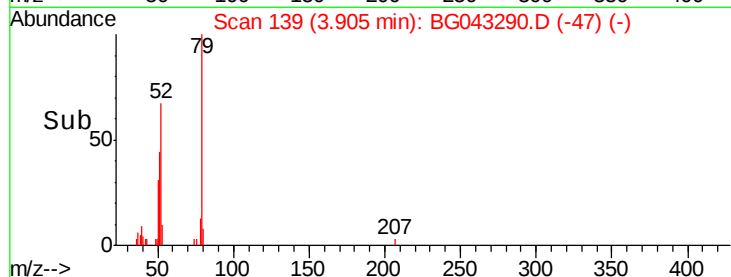
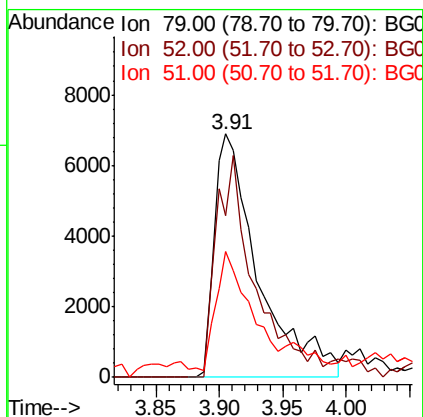
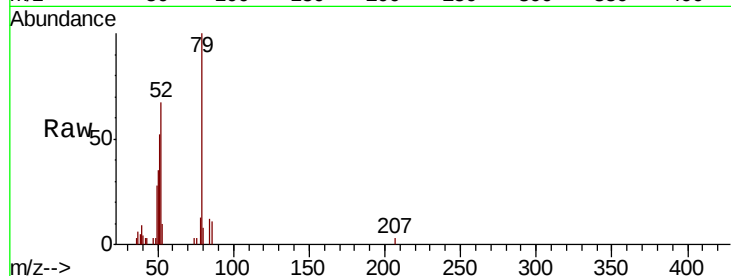
Tot Ion: 79 Resp: 16703

Ion Ratio Lower Upper

79 100

52 66.6 59.7 89.5

51 51.6 31.8 47.6#



#4

n-Nitrosodimethylamine

Concen: 7.376 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

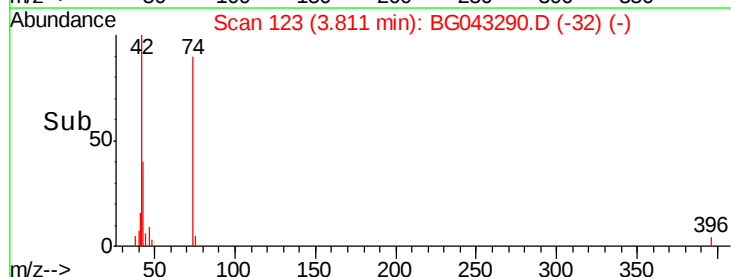
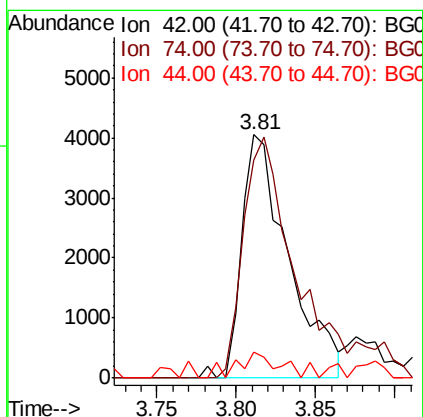
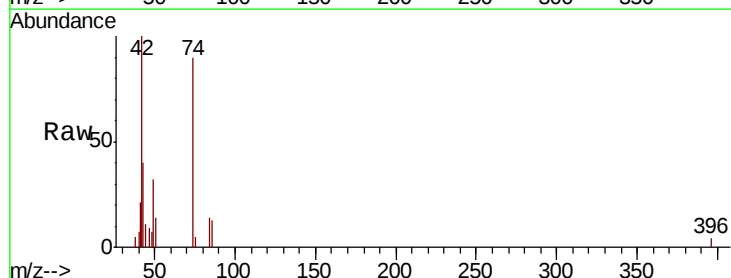
Tgt Ion: 42 Resp: 8259

Ion Ratio Lower Upper

42 100

74 89.6 84.2 126.2

44 10.7 6.0 9.0#





#5

2-Fluorophenol

Concen: 18.456 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampled :

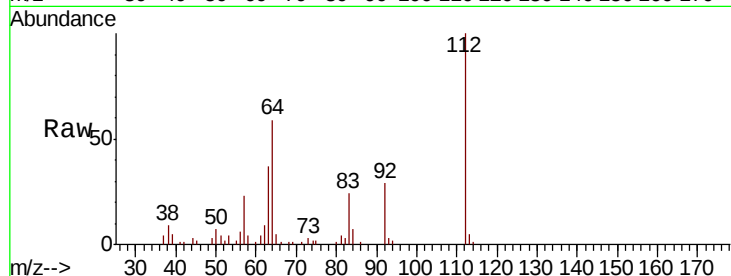
Tot Ion:112 Resp: 36645

Ion Ratio Lower Upper

112 100

64 59.2 50.2 75.2

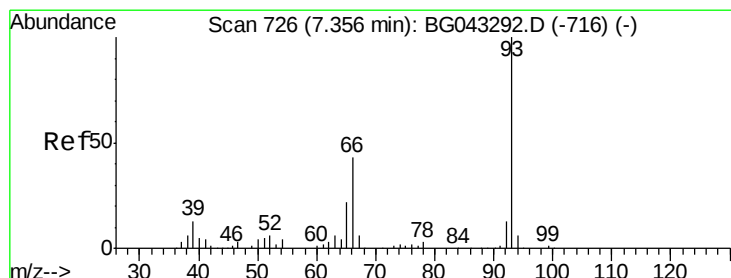
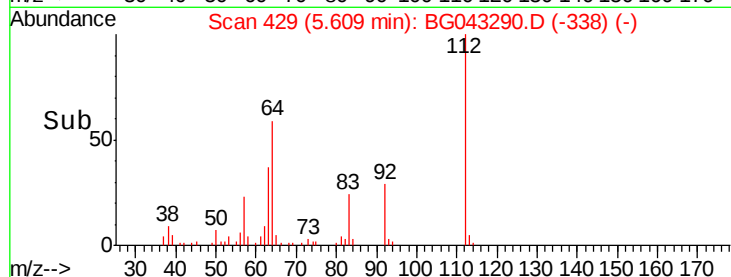
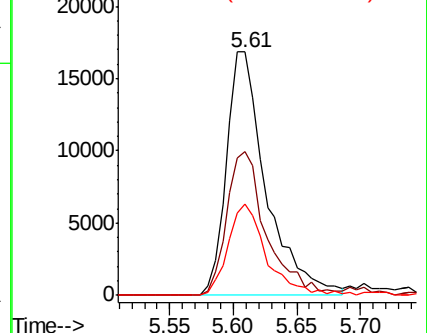
63 37.3 26.7 40.1



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: 8.412 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

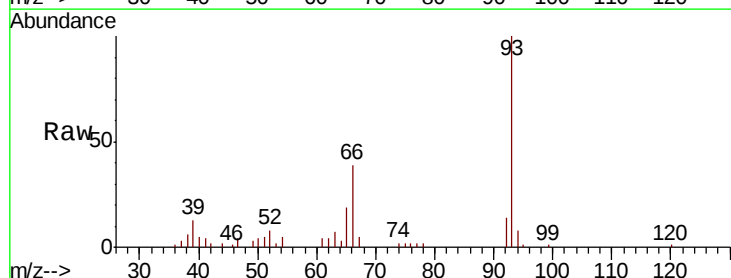
Tgt Ion: 93 Resp: 29036

Ion Ratio Lower Upper

93 100

66 38.7 34.5 51.7

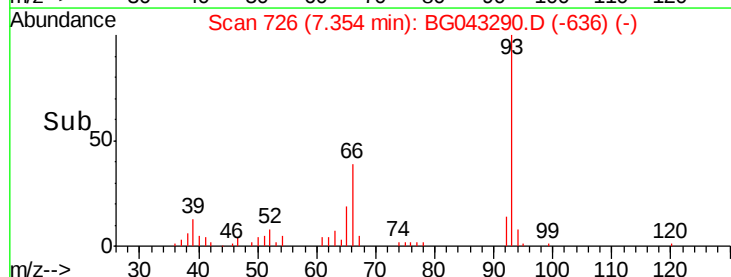
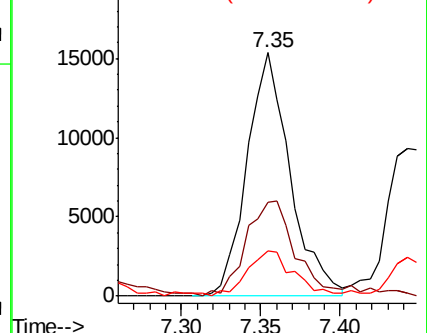
65 18.7 18.0 27.0

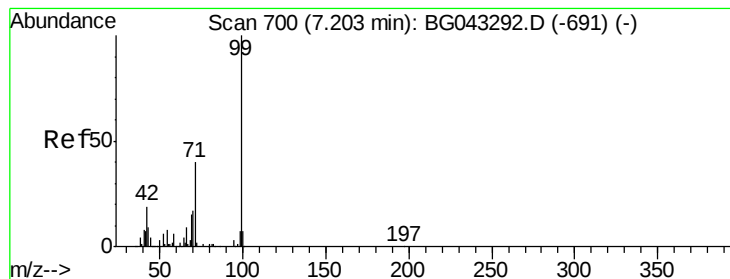


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 17.942 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

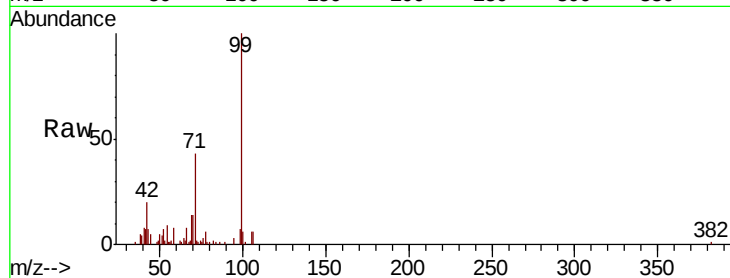
Tot Ion: 99 Resp: 51302

Ion Ratio Lower Upper

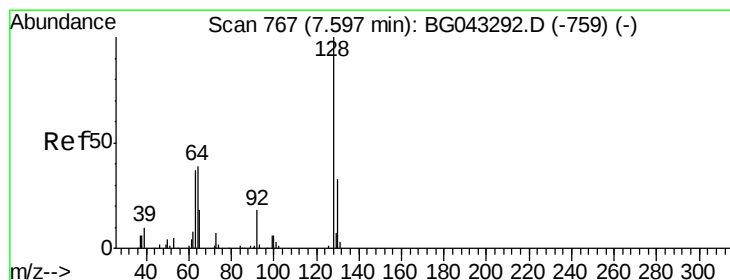
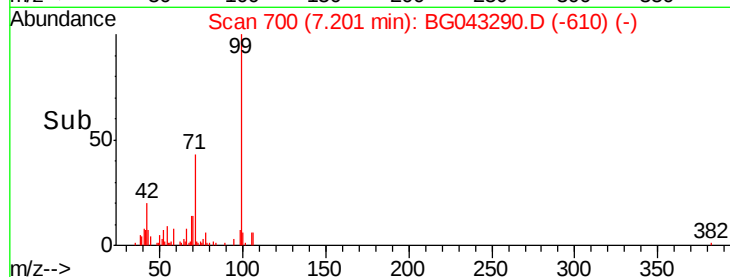
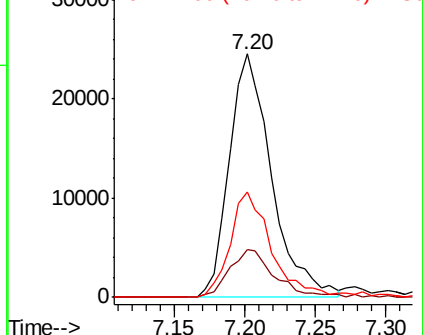
99 100

42 19.7 14.9 22.3

71 43.3 32.2 48.2



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: 10.468 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

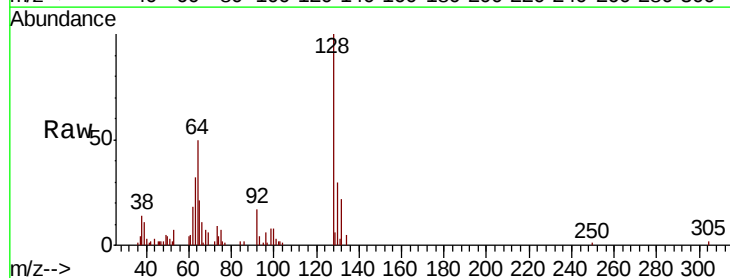
Tgt Ion: 128 Resp: 21677

Ion Ratio Lower Upper

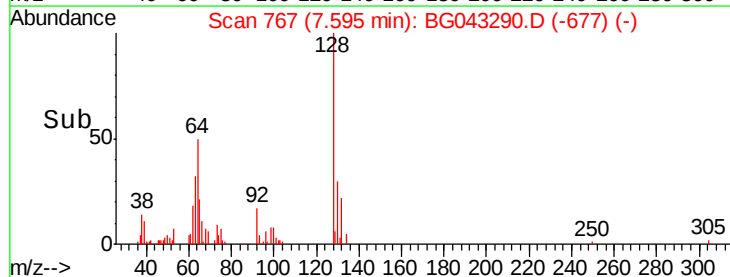
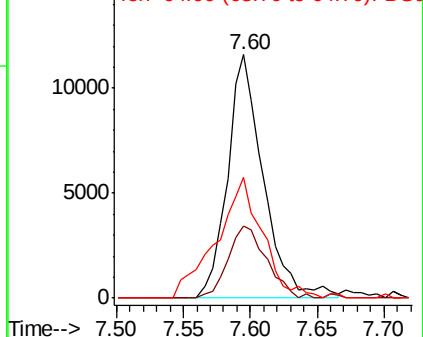
128 100

130 29.5 12.9 52.9

64 49.8 24.9 64.9



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





#9

Benzaldehyde

Concen: 9.044 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

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ClientSampleId :

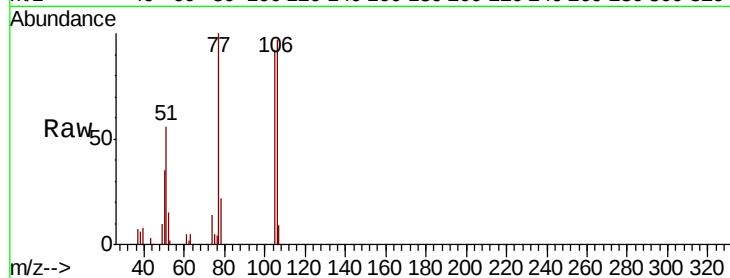
Tot Ion: 77 Resp: 15802

Ion Ratio Lower Upper

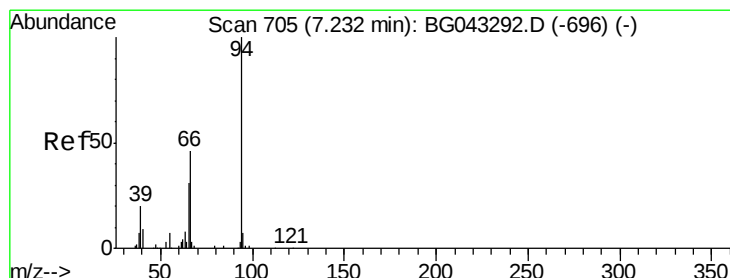
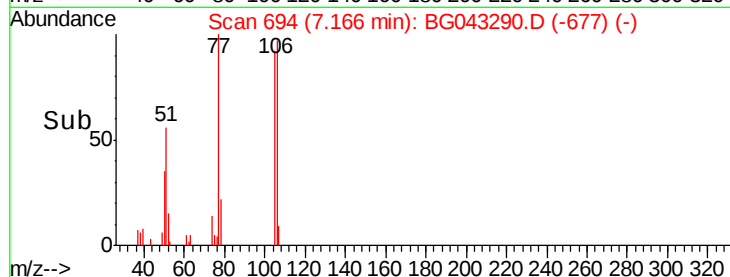
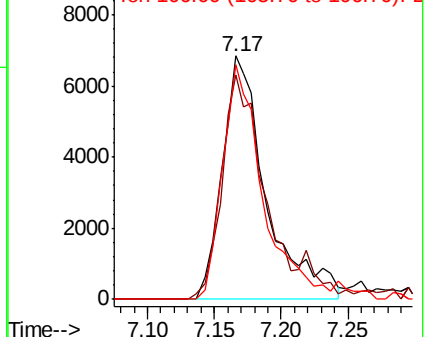
77 100

105 92.2 68.7 108.7

106 96.6 60.5 100.5



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: 9.014 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

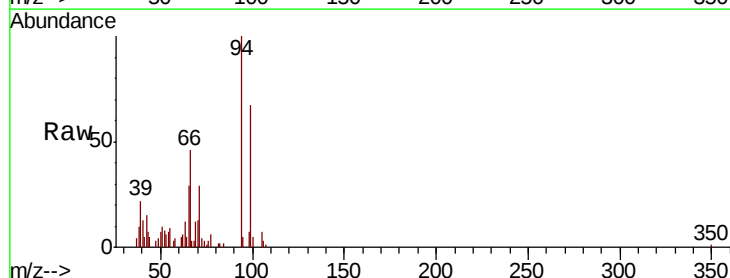
Tgt Ion: 94 Resp: 23646

Ion Ratio Lower Upper

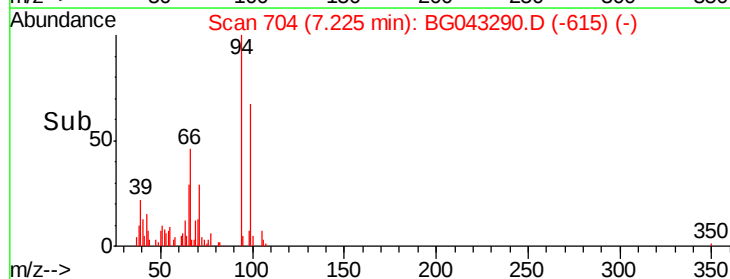
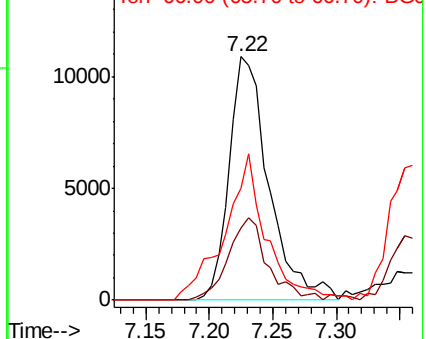
94 100

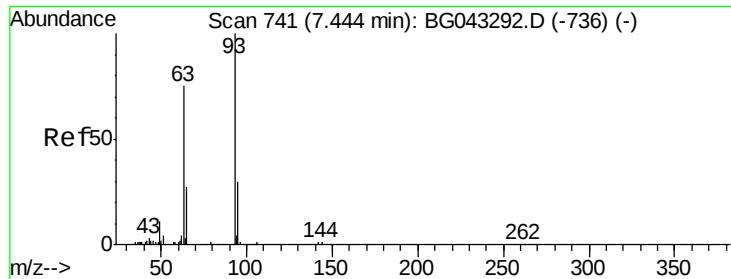
65 29.4 11.1 51.1

66 46.1 27.8 67.8



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: 9.249 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

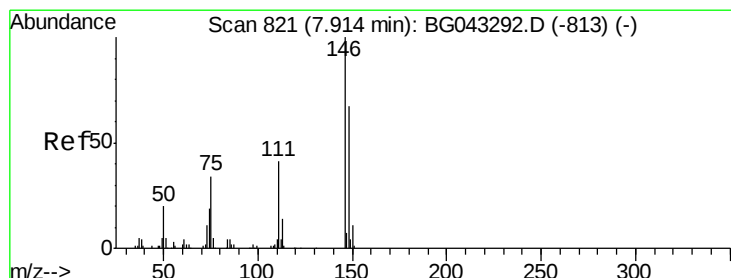
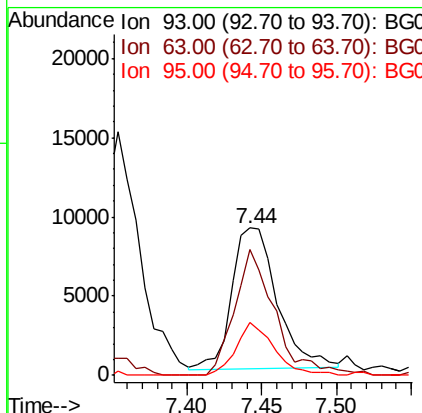
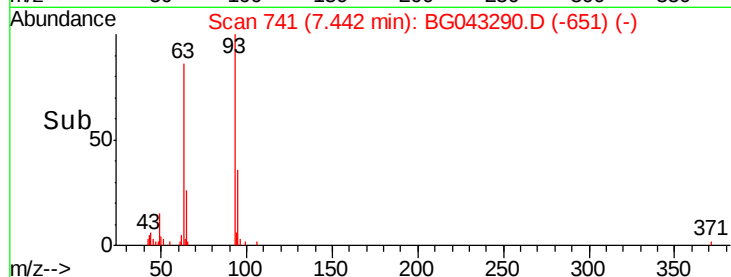
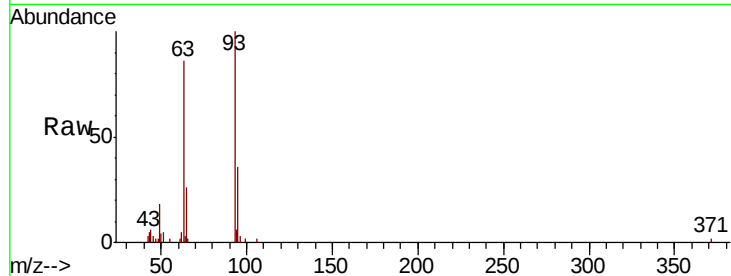
Tot Ion: 93 Resp: 18773

Ion Ratio Lower Upper

93 100

63 86.0 54.6 94.6

95 36.3 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 10.238 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

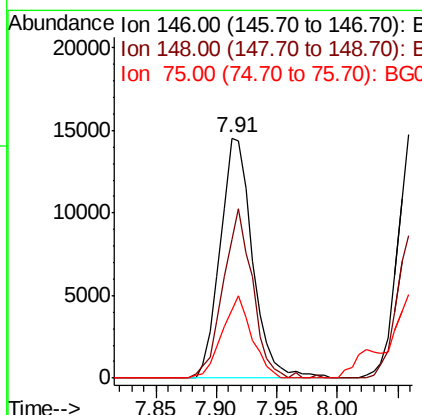
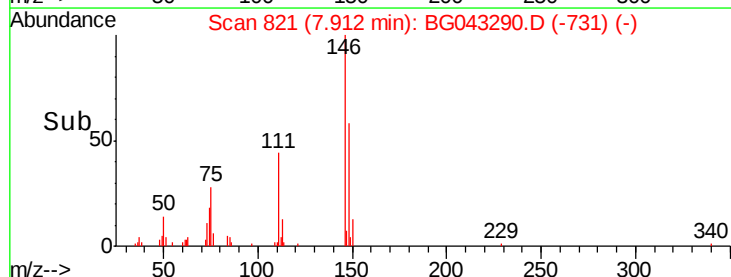
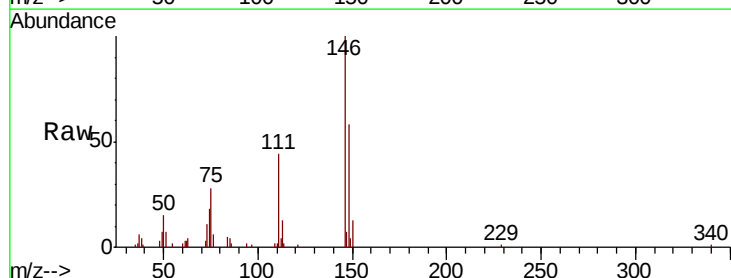
Tgt Ion: 146 Resp: 27044

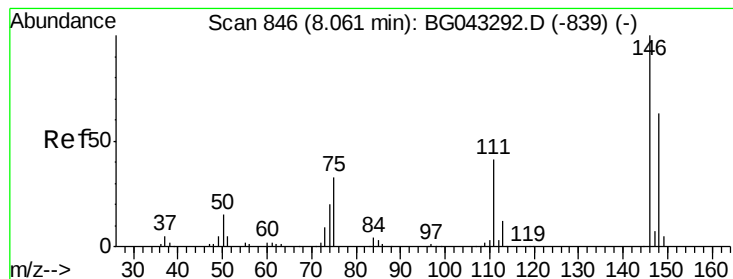
Ion Ratio Lower Upper

146 100

148 57.5 53.4 80.2

75 28.2 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 10.174 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

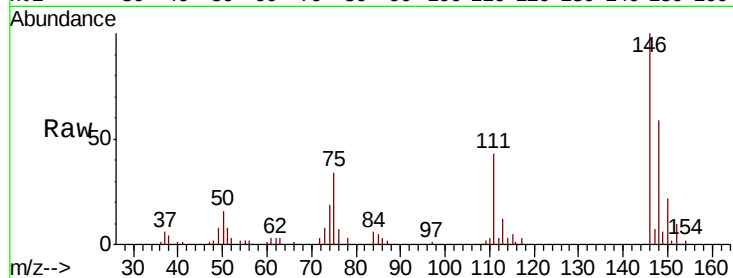
Tot Ion:146 Resp: 26790

Ion Ratio Lower Upper

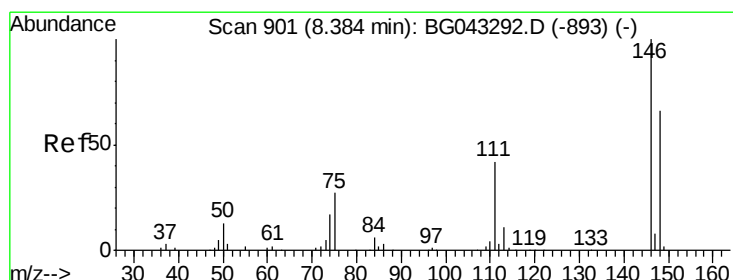
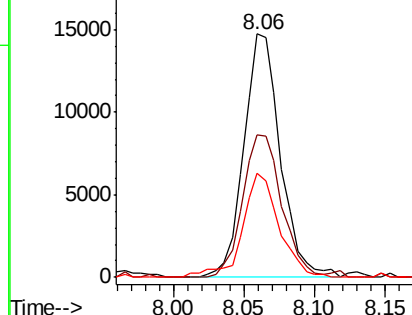
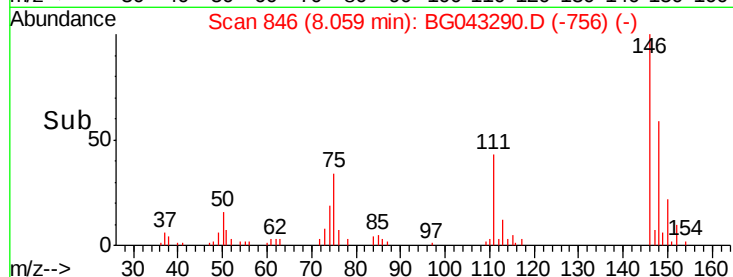
146 100

148 58.6 50.7 76.1

111 42.5 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 11.041 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

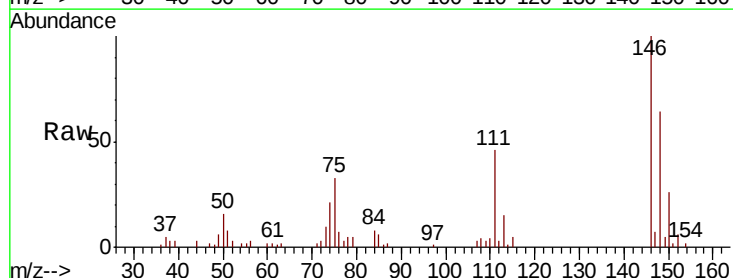
Tgt Ion:146 Resp: 27681

Ion Ratio Lower Upper

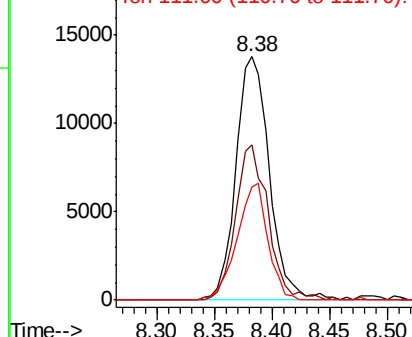
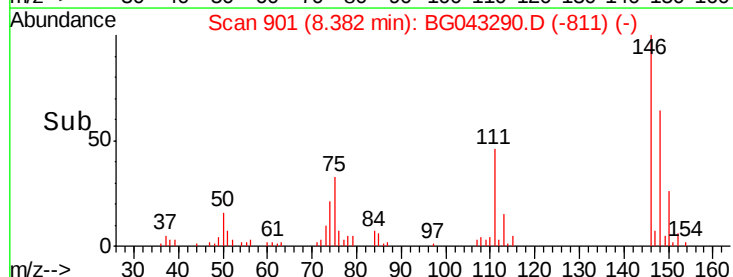
146 100

148 63.7 53.0 79.4

111 46.3 34.5 51.7



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

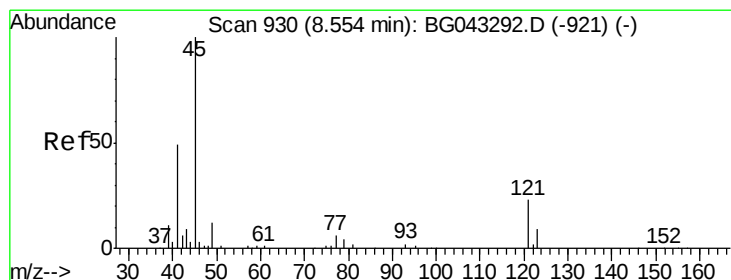
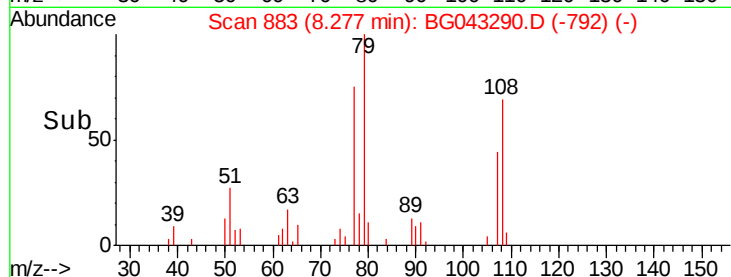
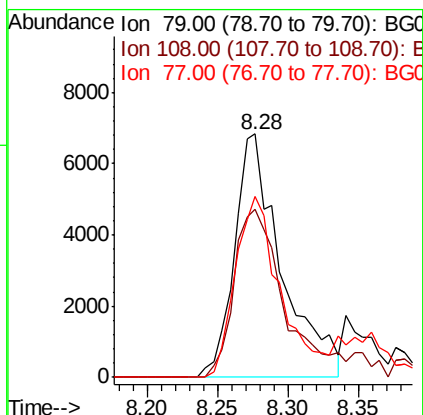
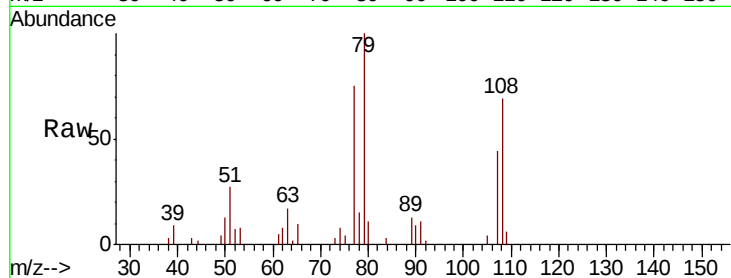




#15
Benzyl Alcohol
Concen: 7.412 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

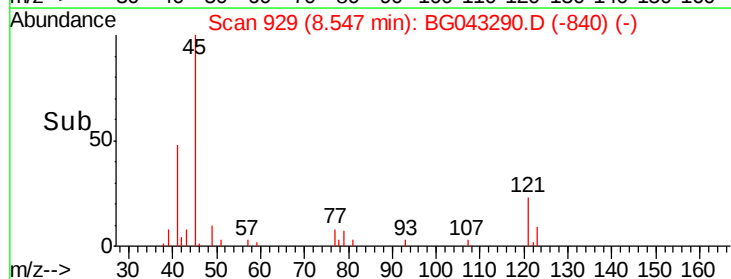
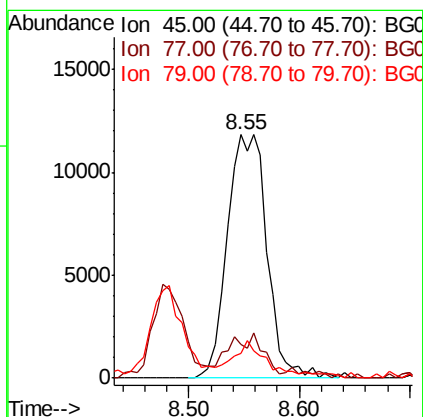
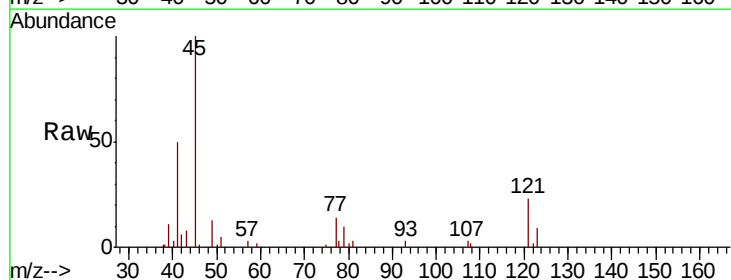
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 15933
Ion Ratio Lower Upper
79 100
108 68.8 57.3 85.9
77 74.5 54.6 81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.624 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion: 45 Resp: 29718
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.4 0.0 32.3

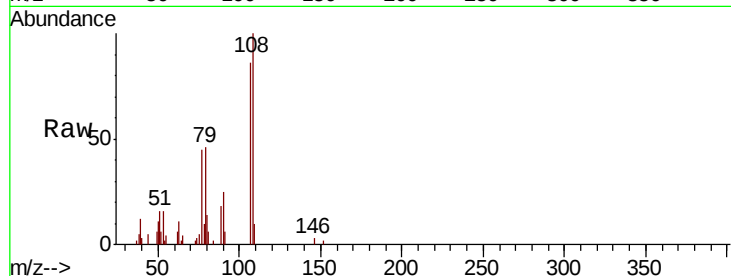




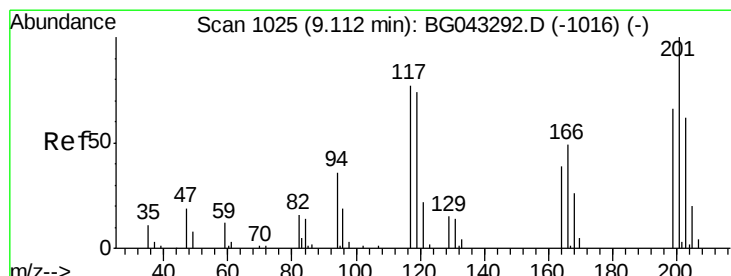
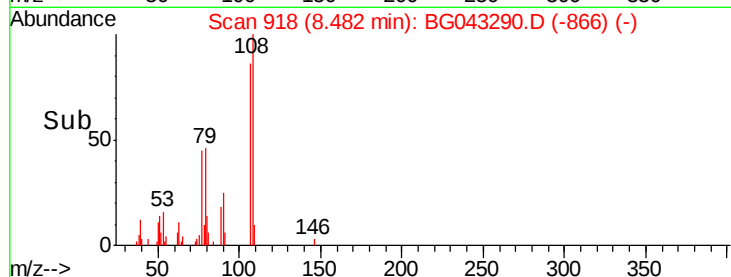
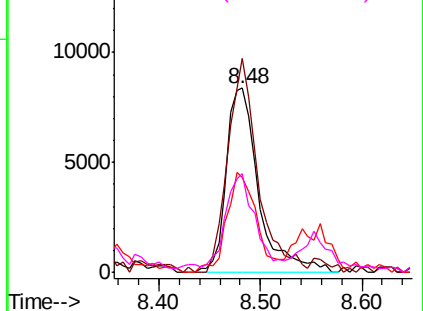
#17
2-Methylphenol
Concen: 10.081 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	18505
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.3	136.9
77	51.7	43.0	64.6
79	53.6	43.4	65.2

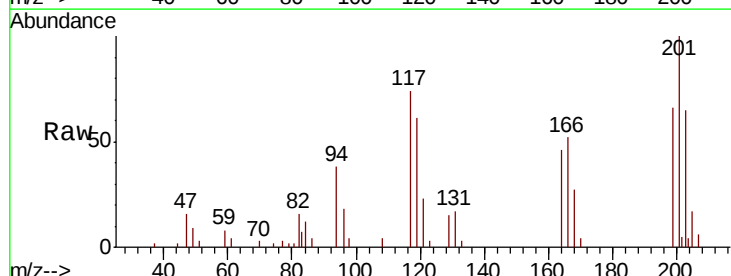


Abundance Ion 107.00 (106.70 to 107.70): E
15000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

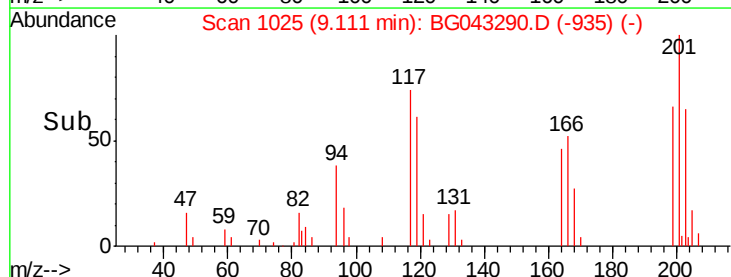
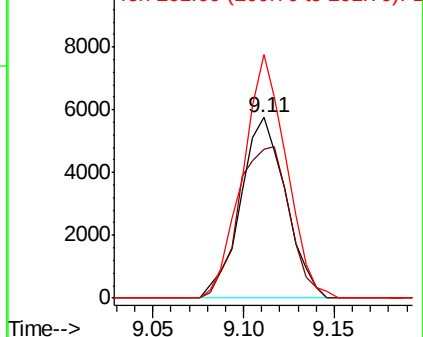


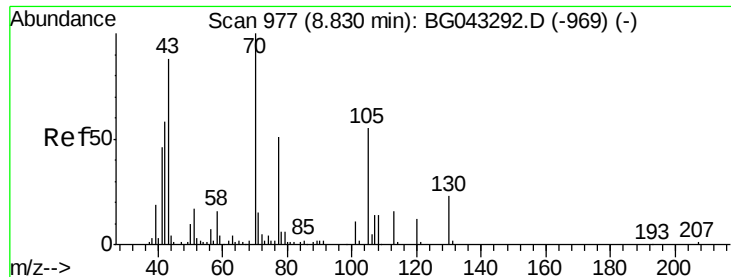
#18
Hexachloroethane
Concen: 10.043 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:	117	Resp:	9960
Ion	Ratio	Lower	Upper
117	100		
119	82.6	77.3	115.9
201	134.7	104.2	156.4



Abundance Ion 117.00 (116.70 to 117.70): E
10000 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: 9.418 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	17682
Ion	Ratio	Lower	Upper
70	100		
42	53.3	46.2	69.2
101	11.6	8.6	13.0
130	21.7	18.6	27.8

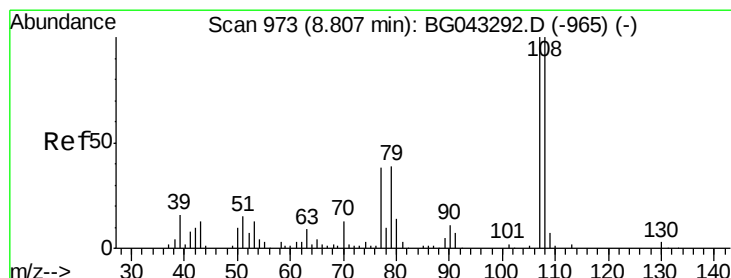
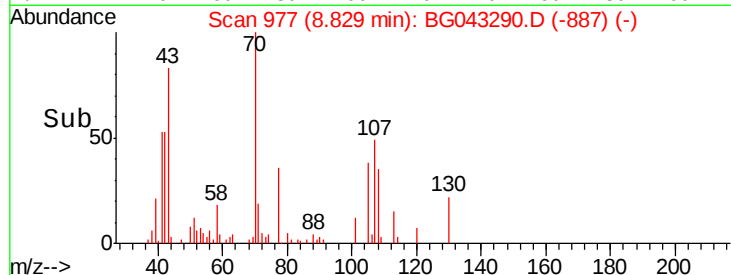
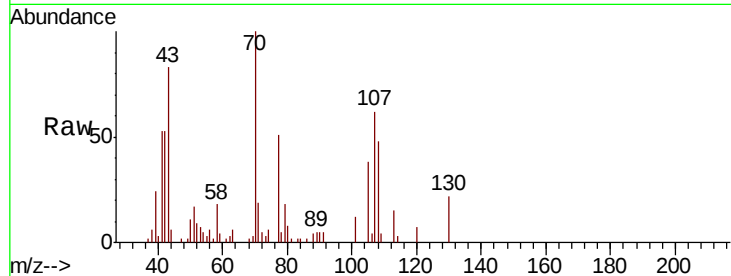
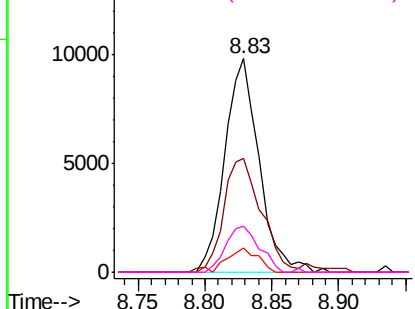
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 9.554 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:	107	Resp:	24033
Ion	Ratio	Lower	Upper
107	100		
108	92.9	80.3	120.3
77	25.9	18.2	58.2
79	30.1	18.8	58.8

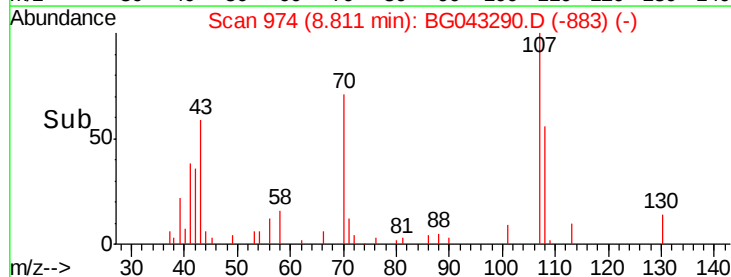
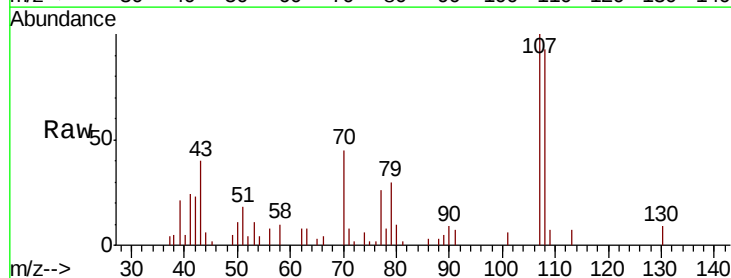
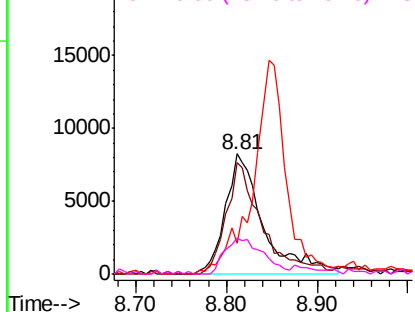
Abundance

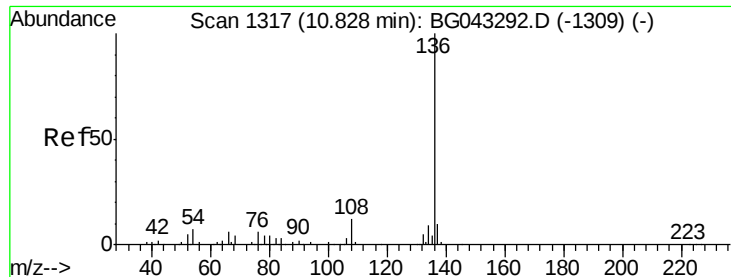
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 142262

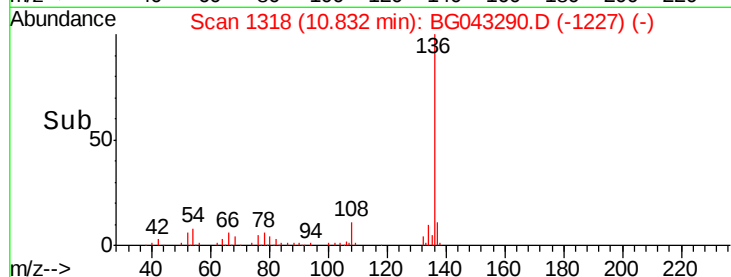
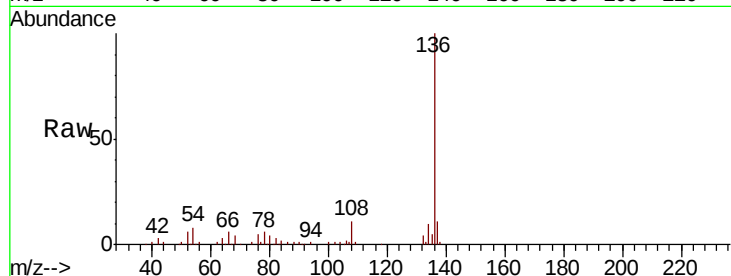
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.2

54 7.8 5.4 8.2

68 4.3 3.3 4.9

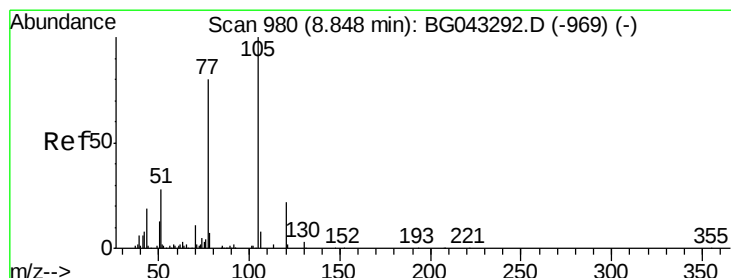
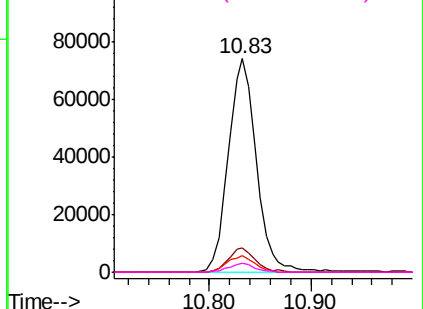


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 9.744 ng

RT: 8.85 min Scan# 981

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Tgt Ion:105 Resp: 35732

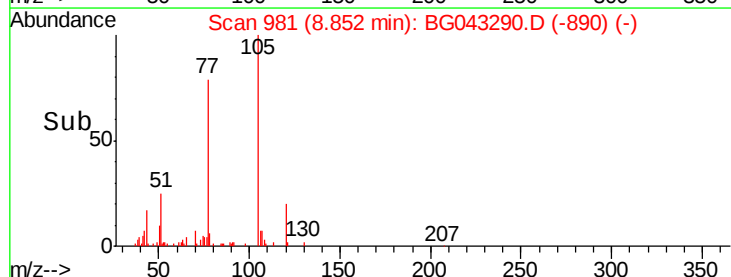
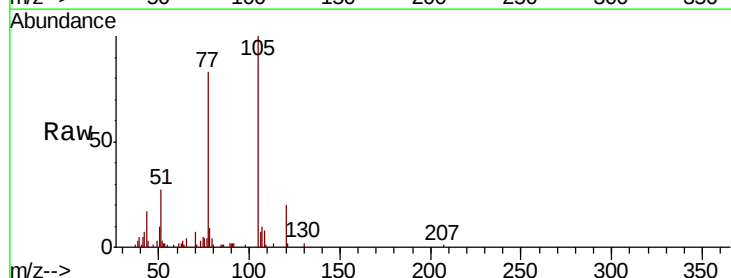
Ion Ratio Lower Upper

105 100

71 1.4 1.5 2.3#

51 27.3 23.9 35.9

120 20.4 17.3 25.9

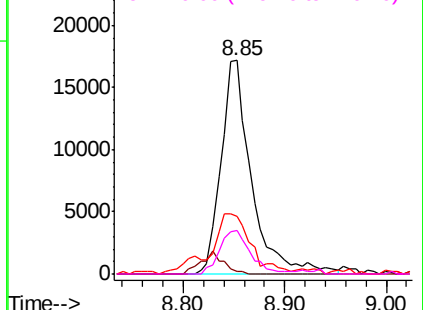


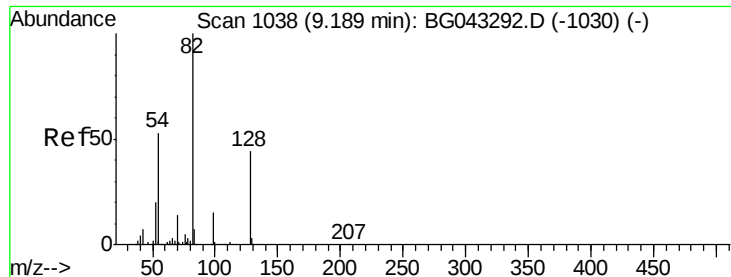
Abundance Ion 105.00 (104.70 to 105.70): E

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

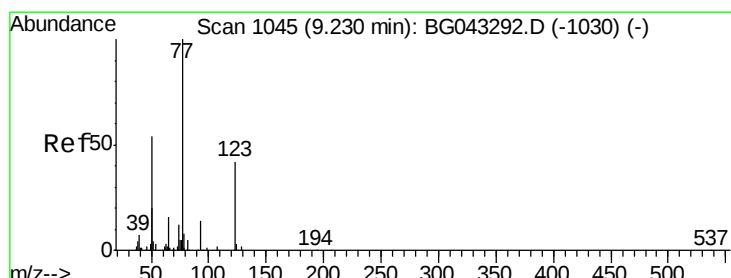
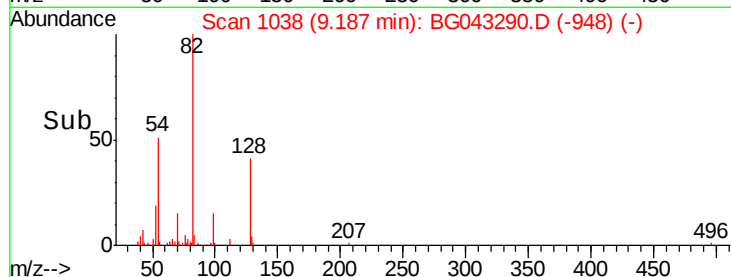
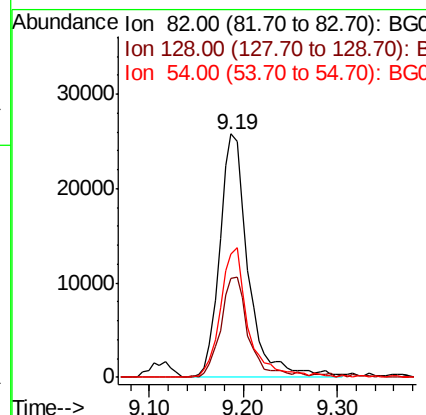
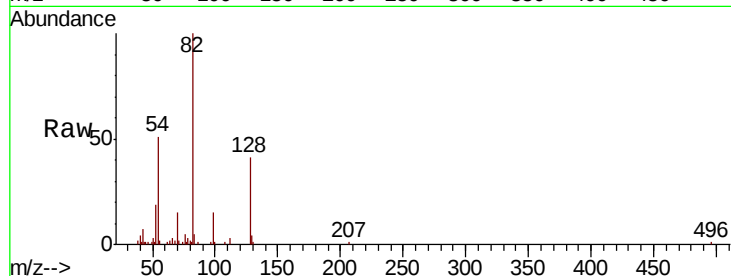




#23
 Nitrobenzene-d5
 Concen: 18.684 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

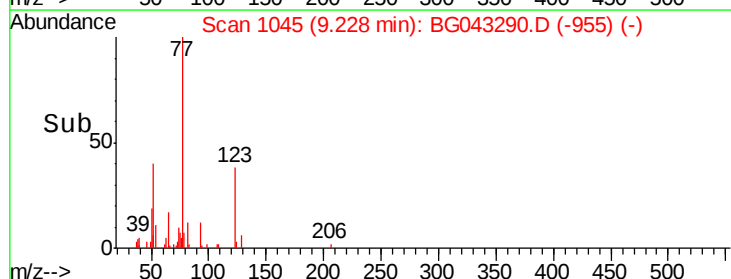
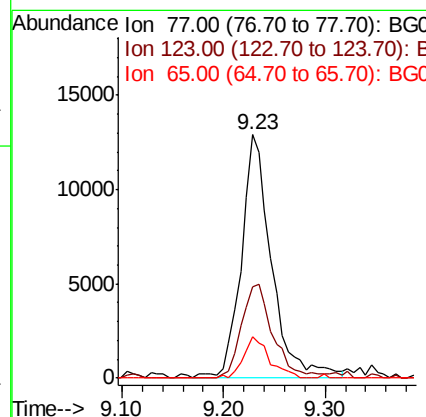
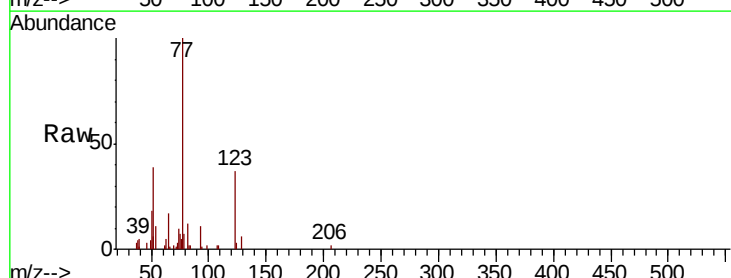
Instrument :
 BNA_G
 ClientSampleId :

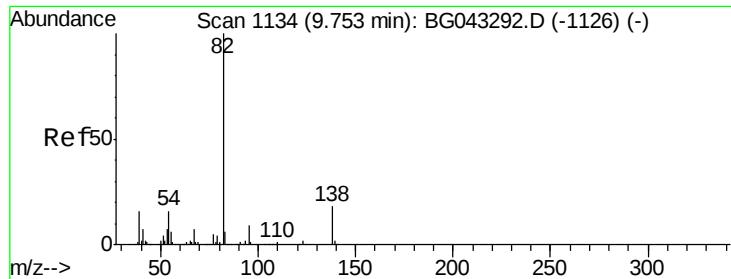
Tot Ion	82	Resp	54685
Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.3	52.9
54	50.8	42.3	63.5



#24
 Nitrobenzene
 Concen: 9.575 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion	77	Resp	26732
Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.8	50.8
65	16.8	13.0	19.4





#25

Isophorone

Concen: 9.877 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

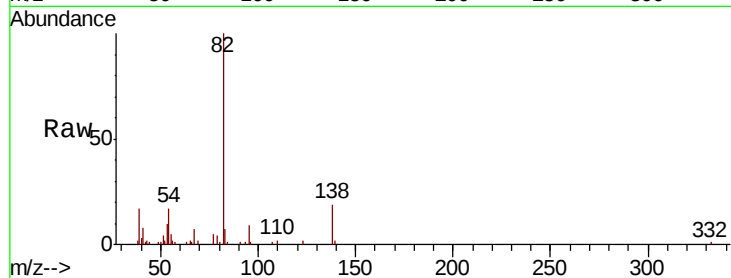
Tot Ion: 82 Resp: 50782

Ion Ratio Lower Upper

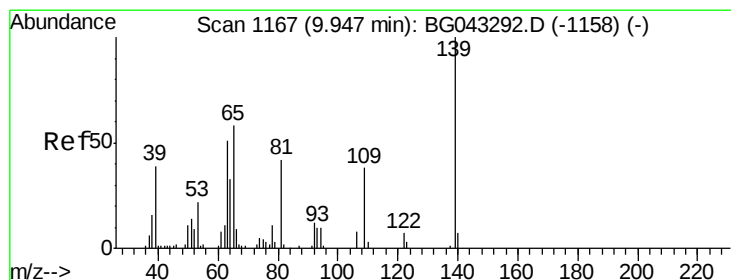
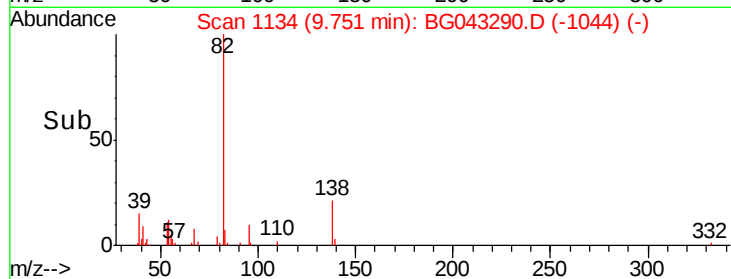
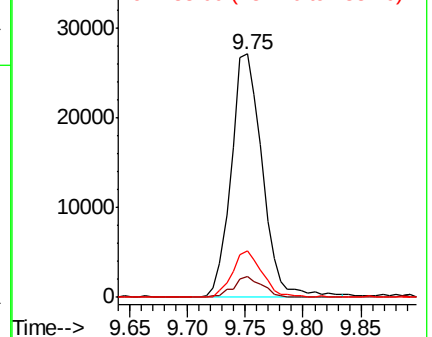
82 100

95 8.6 6.9 10.3

138 19.0 14.2 21.2



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: 9.923 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

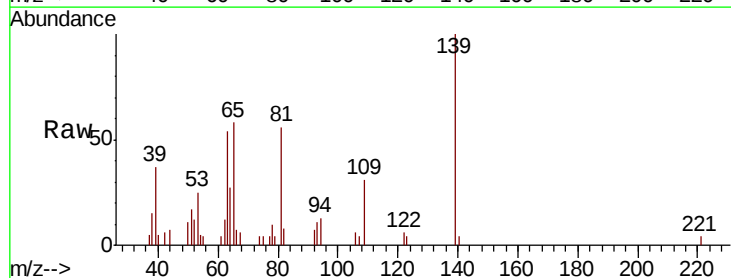
Tgt Ion: 139 Resp: 11793

Ion Ratio Lower Upper

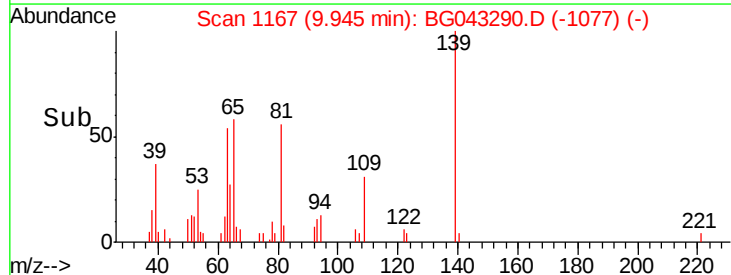
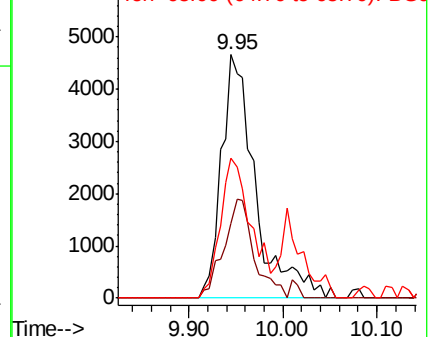
139 100

109 30.7 30.1 45.1

65 57.5 46.1 69.1



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

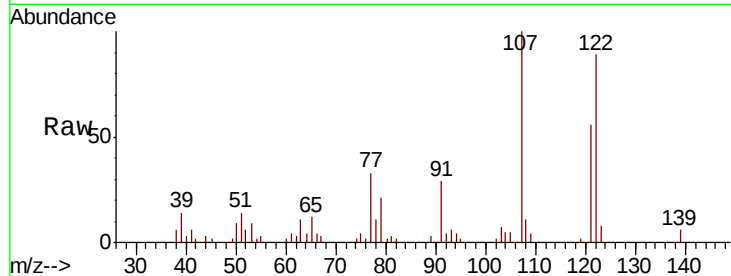




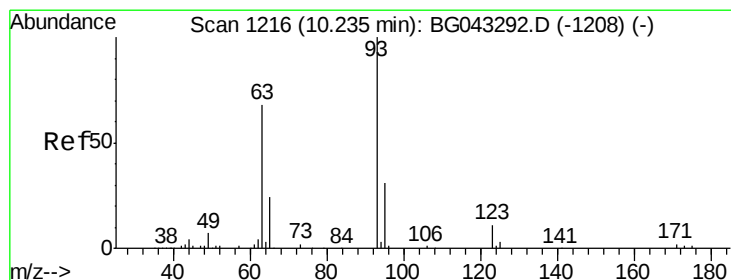
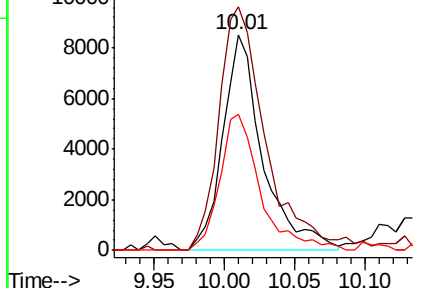
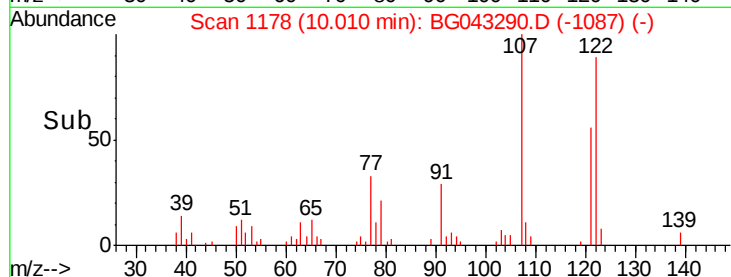
#27
 2,4-Dimethylphenol
 Concen: 9.195 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 122 Resp: 16783
 Ion Ratio Lower Upper
 122 100
 107 112.8 98.6 147.8
 121 62.9 50.1 75.1

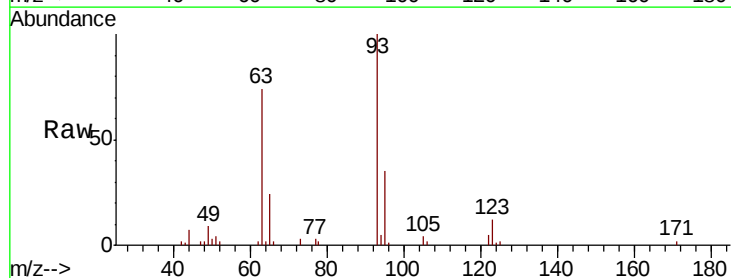


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

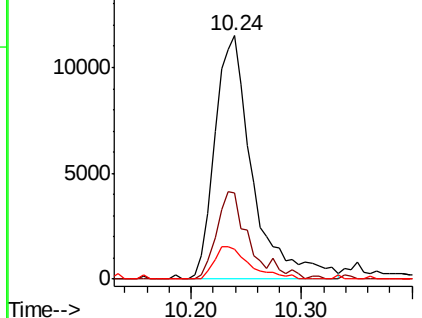
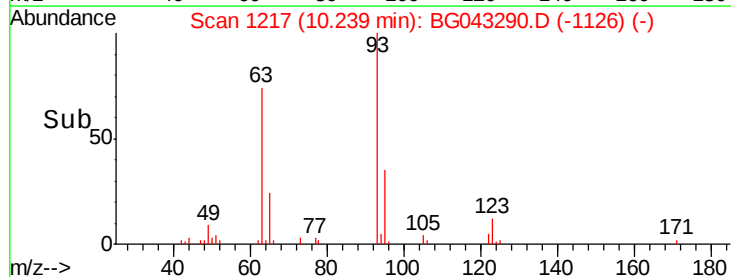


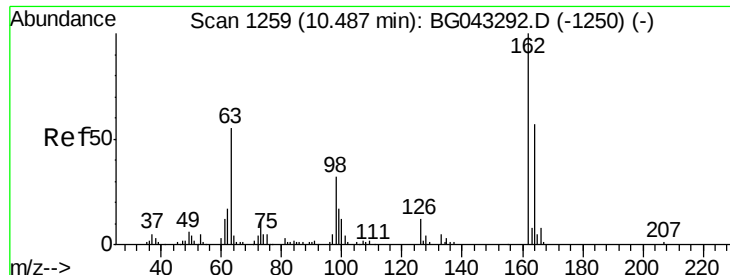
#28
 bis(2-Chloroethoxy)methane
 Concen: 9.334 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion: 93 Resp: 27228
 Ion Ratio Lower Upper
 93 100
 95 35.3 24.9 37.3
 123 12.3 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

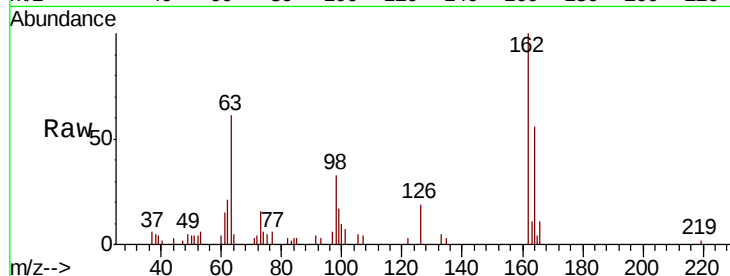




#29
 2,4-Dichlorophenol
 Concen: 9.233 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	20959
Ion Ratio	100	Lower	Upper
162	100		
164	55.7	37.3	77.3
98	33.3	11.8	51.8

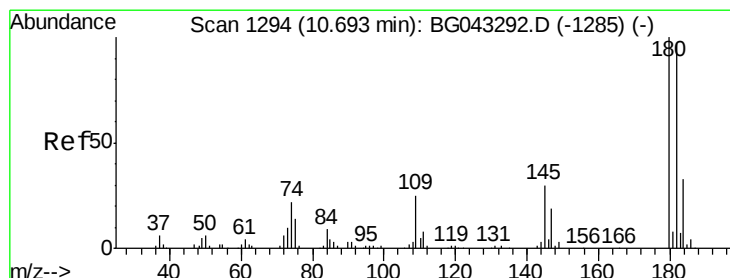
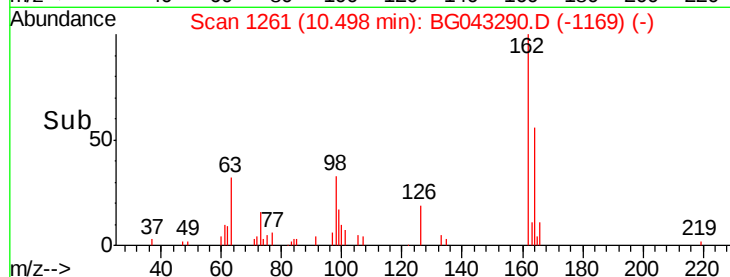
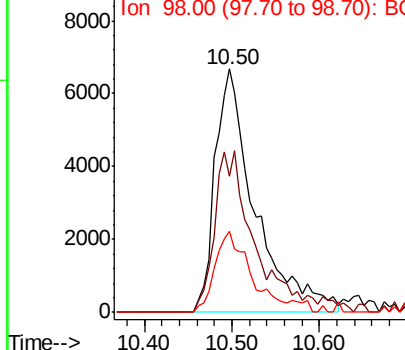


Abundance

Ion 162.00 (161.70 to 162.70): E

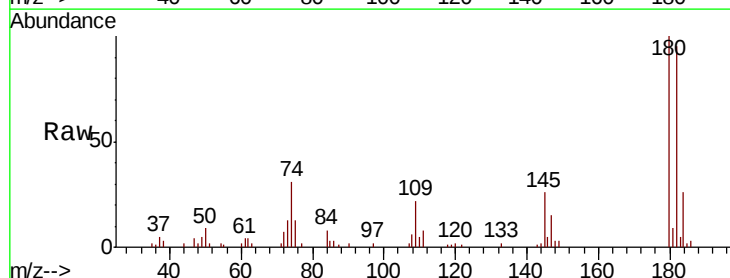
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 10.326 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion	180	Resp	30270
Ion Ratio	100	Lower	Upper
180	100		
182	95.4	77.8	116.8
145	26.4	23.6	35.4

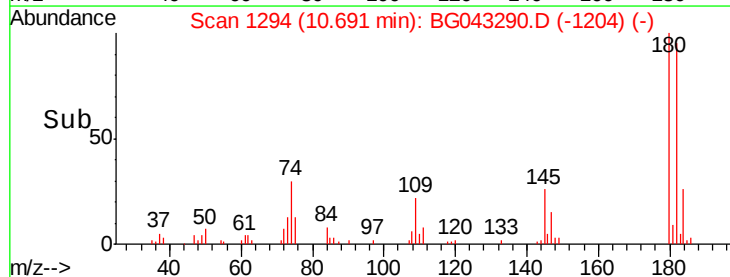
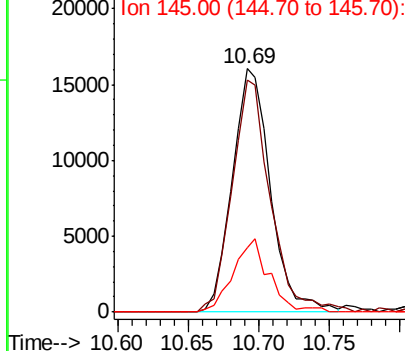


Abundance

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

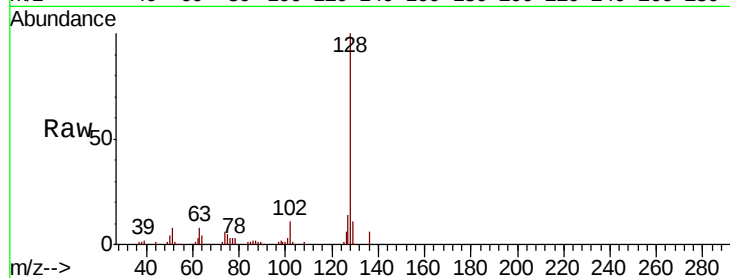




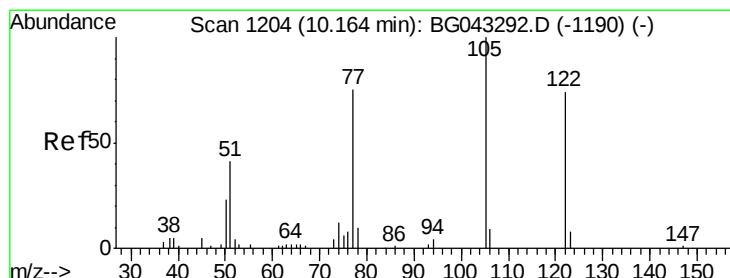
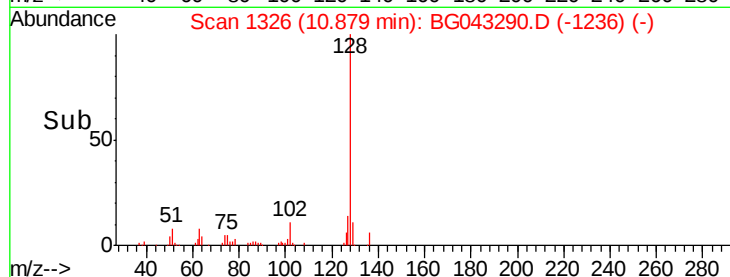
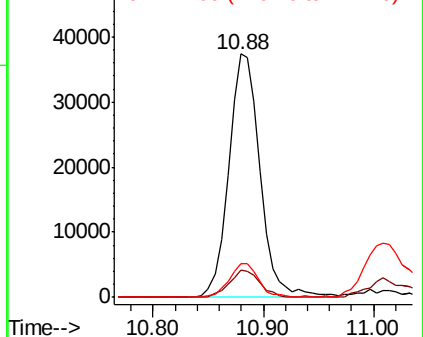
#31
Naphthalene
Concen: 10.556 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 73924
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.8 11.5 17.3

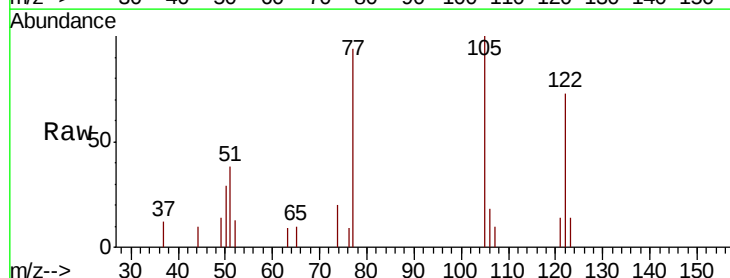


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

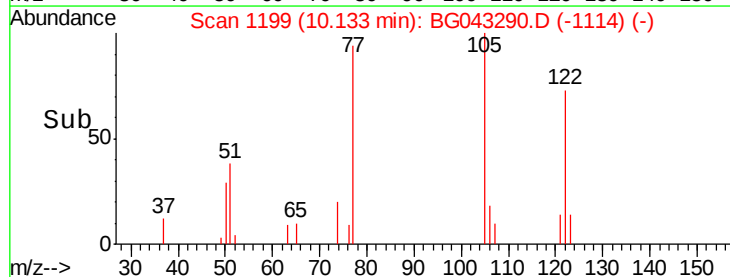
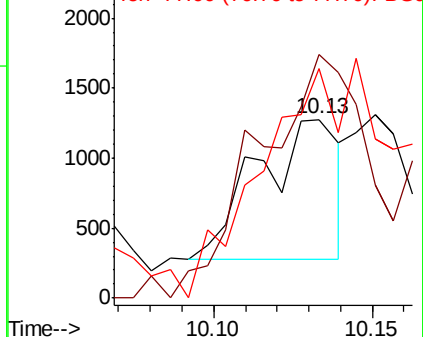


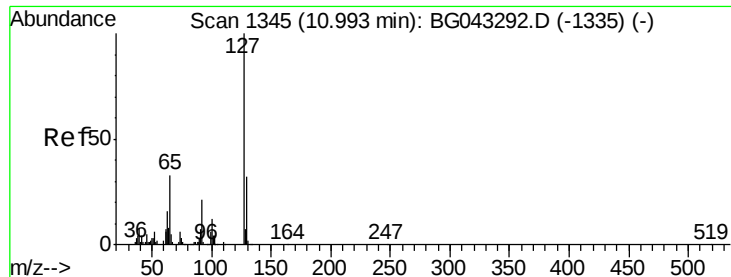
#32
Benzoic acid
Concen: 1.304 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:122 Resp: 1797
Ion Ratio Lower Upper
122 100
105 136.2 112.4 152.4
77 128.1 82.7 122.7#



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): BGC

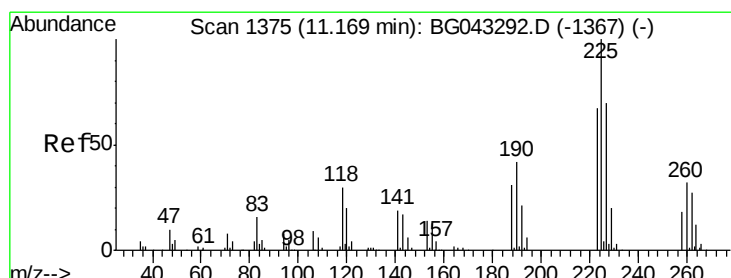
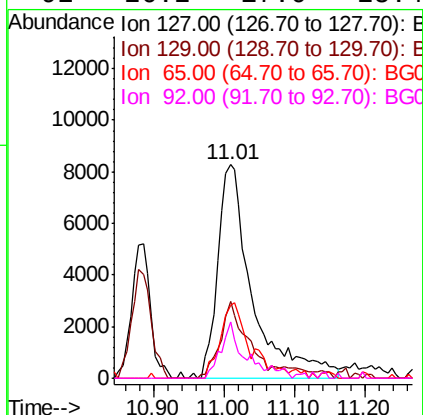
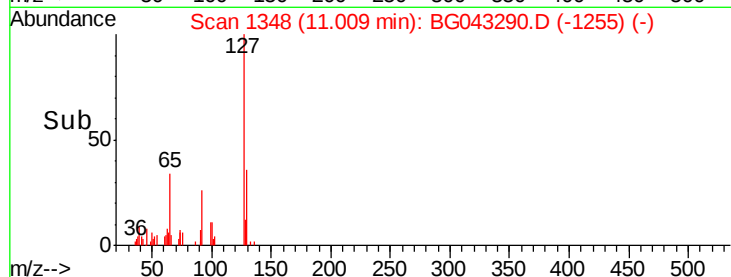
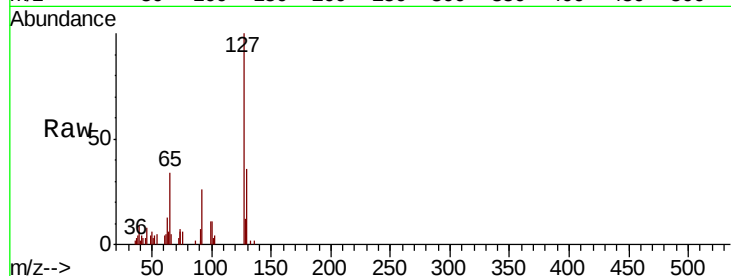




#33
4-Chloroaniline
Concen: 9.311 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

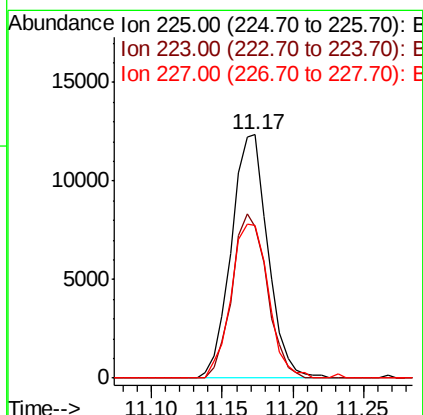
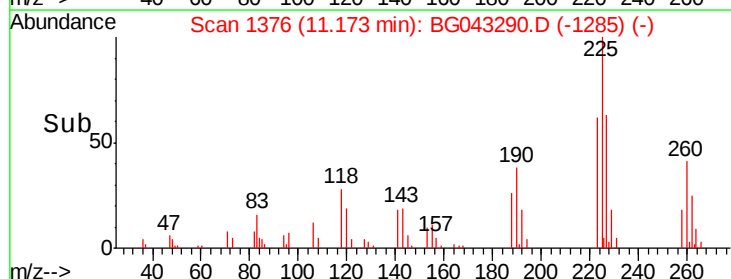
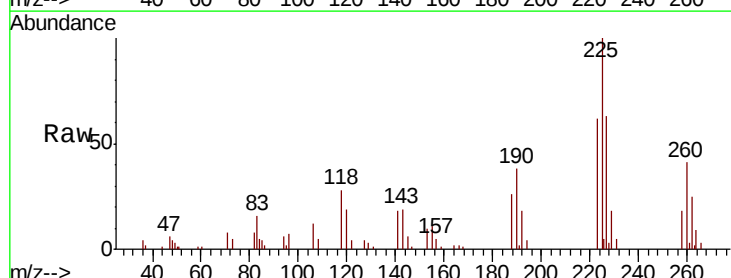
Instrument :
BNA_G
ClientSampleId :

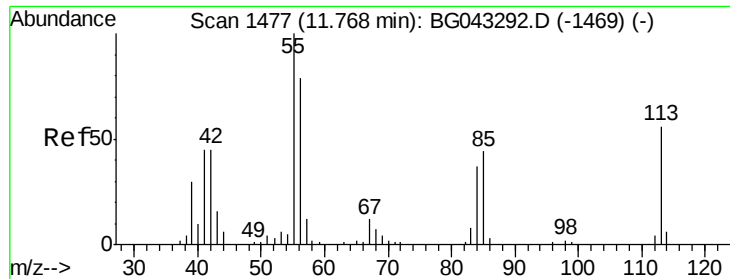
Tot Ion:127	Resp:	28295
Ion Ratio	Lower	Upper
127	100	
129	36.1	25.8 38.8
65	34.3	26.2 39.2
92	26.2	17.0 25.4



#34
Hexachlorobutadiene
Concen: 10.191 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:225	Resp:	22368
Ion Ratio	Lower	Upper
225	100	
223	62.0	53.2 79.8
227	62.6	56.2 84.2

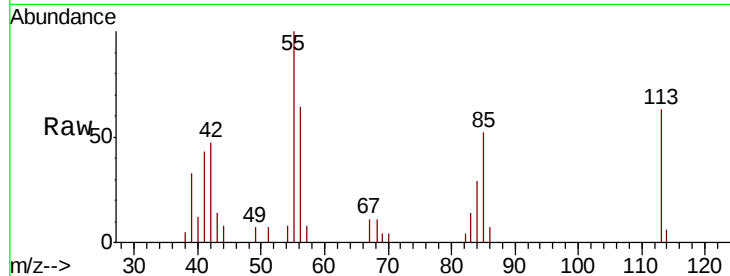




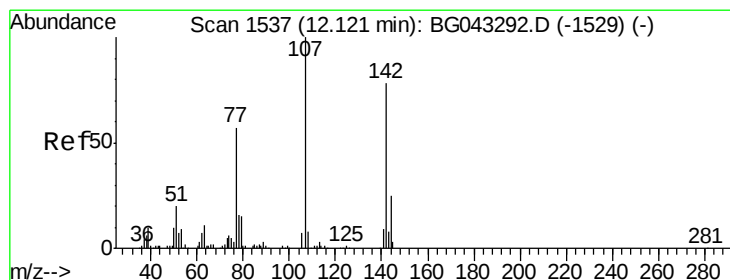
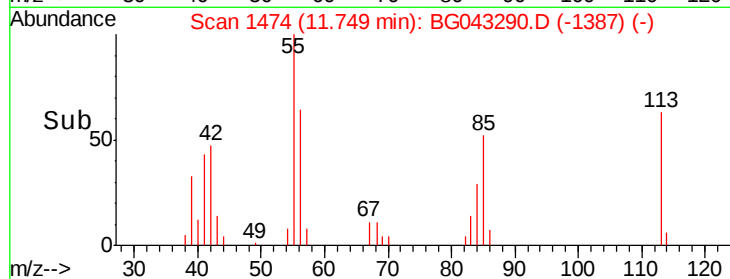
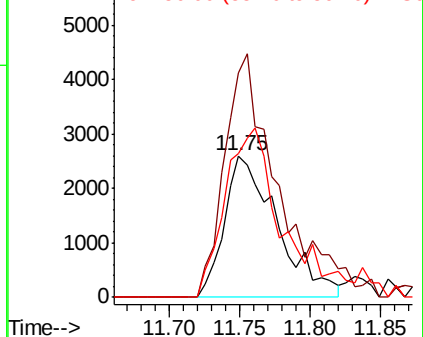
#35
 Caprolactam
 Concen: 8.532 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 6830
 Ion Ratio Lower Upper
 113 100
 55 159.0 158.9 198.9
 56 101.4 121.4 161.4#

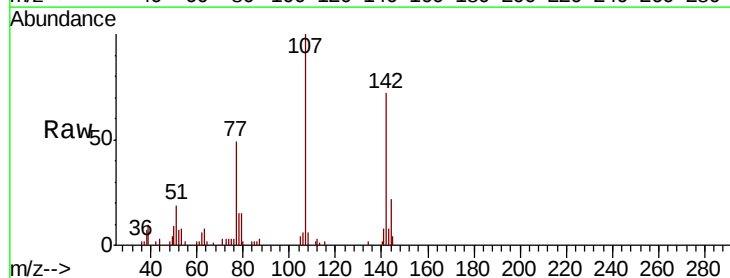


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

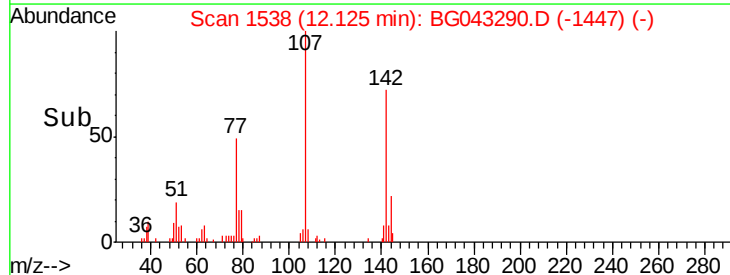
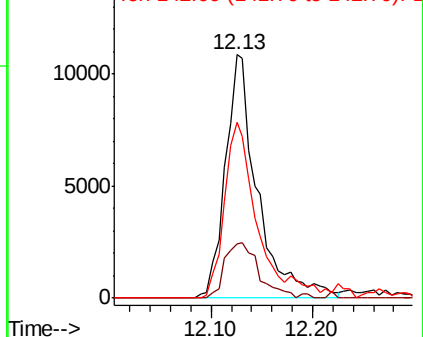


#36
 4-Chloro-3-methylphenol
 Concen: 9.668 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion:107 Resp: 23862
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.9 29.9
 142 72.1 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

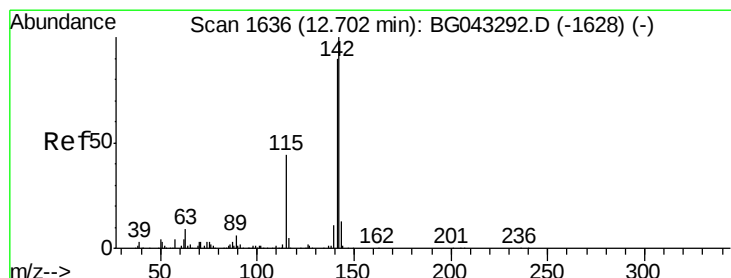
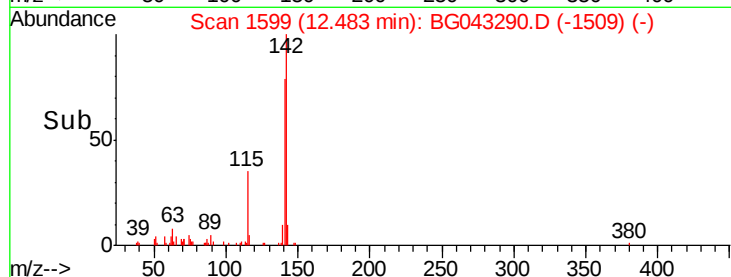
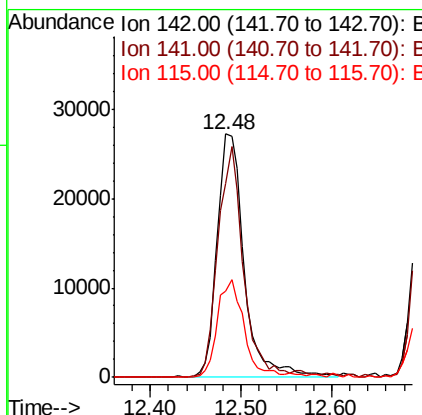
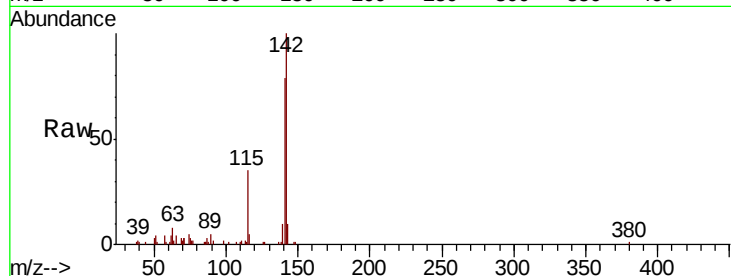




#37
 2-Methylnaphthalene
 Concen: 10.563 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

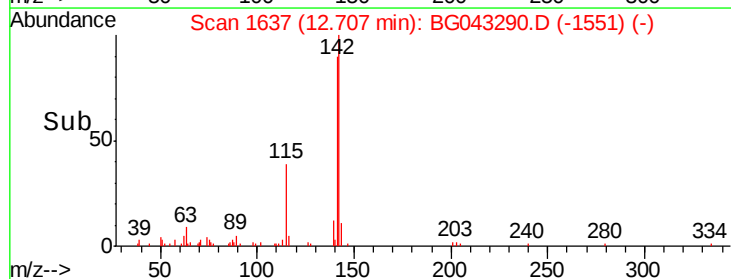
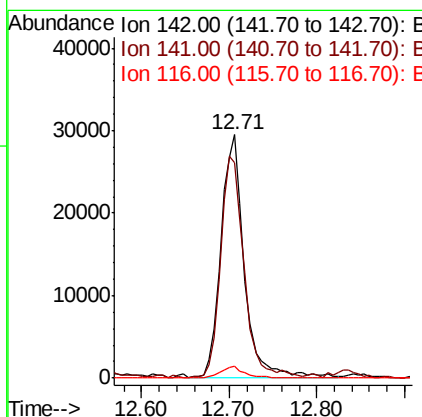
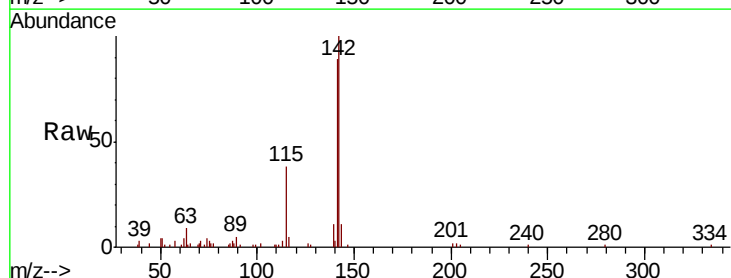
Instrument :
 BNA_G
 ClientSampleId :

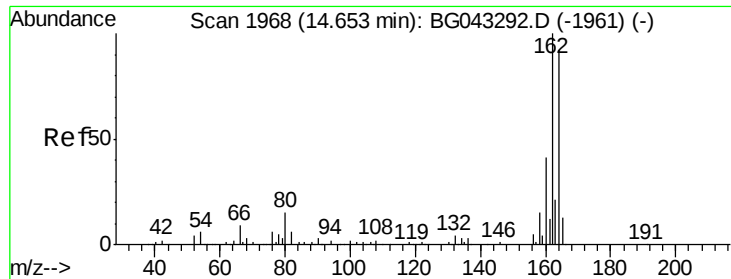
Tot Ion	Ratio	Lower	Upper
142	100		
141	79.5	69.7	104.5
115	35.2	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 10.820 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.3	108.5
116	5.1	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

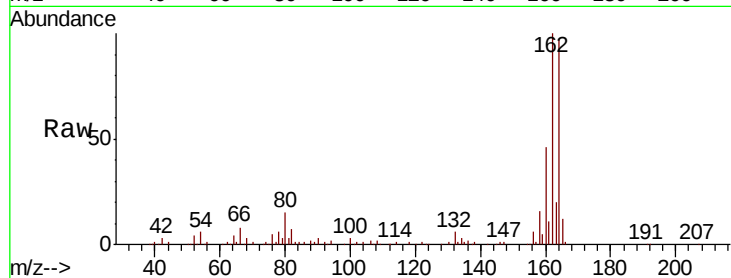
Tot Ion:164 Resp: 106624

Ion Ratio Lower Upper

164 100

162 103.4 87.0 130.4

160 47.3 35.5 53.3

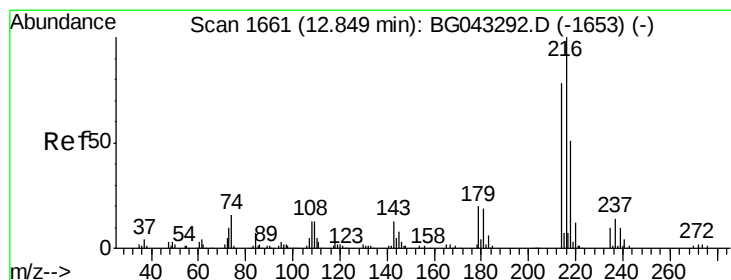
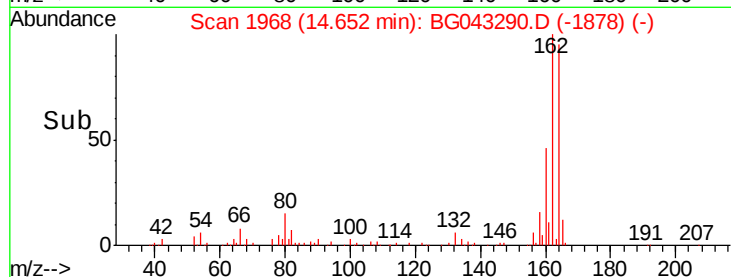
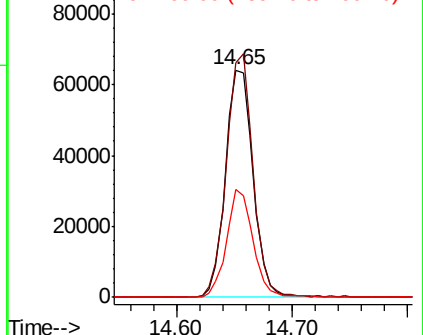


Abundance

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: 9.915 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Tgt Ion:216 Resp: 39750

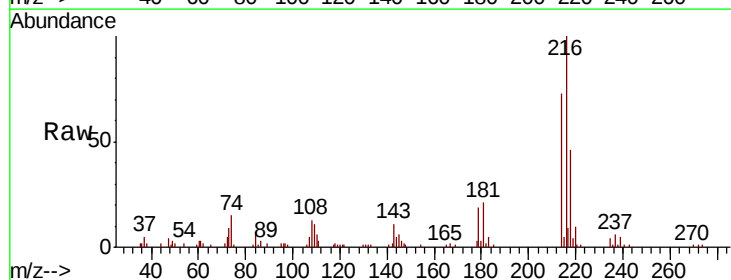
Ion Ratio Lower Upper

216 100

214 78.1 63.5 95.3

179 21.2 16.2 24.2

108 13.0 11.2 16.8



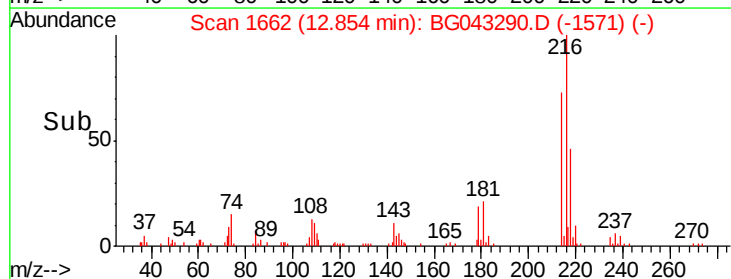
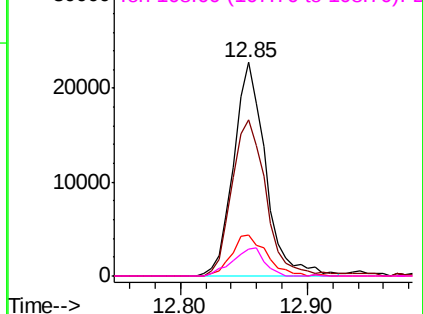
Abundance

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

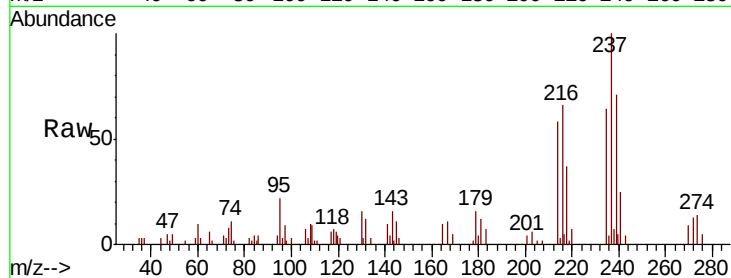




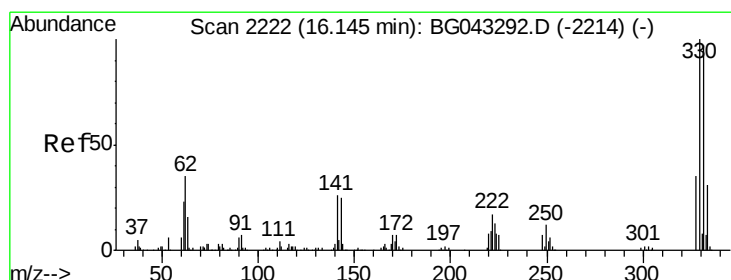
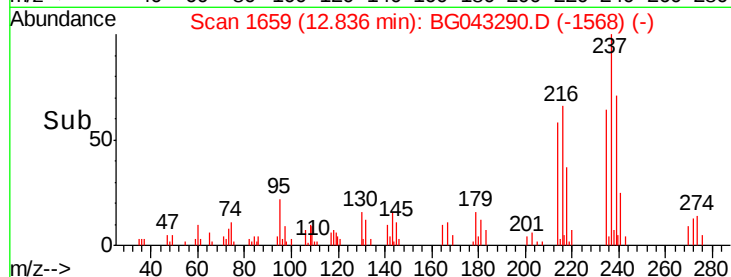
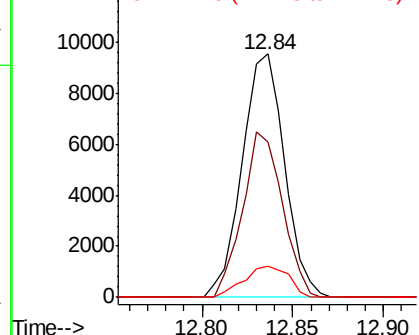
#41
Hexachlorocyclopentadiene
Concen: 6.074 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 15514
Ion Ratio Lower Upper
237 100
235 63.8 40.3 80.3
272 12.7 0.0 32.9

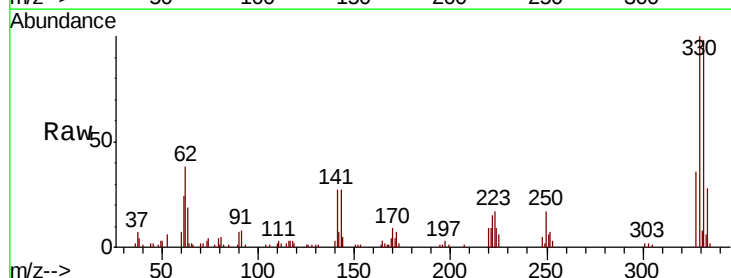


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

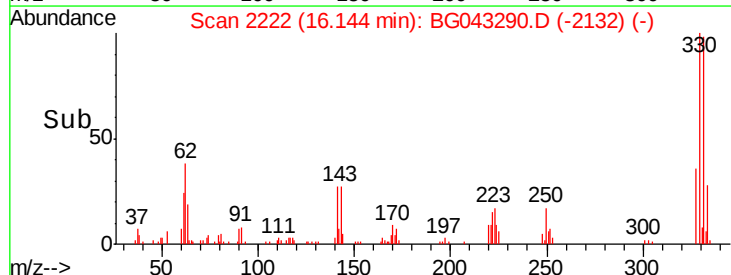
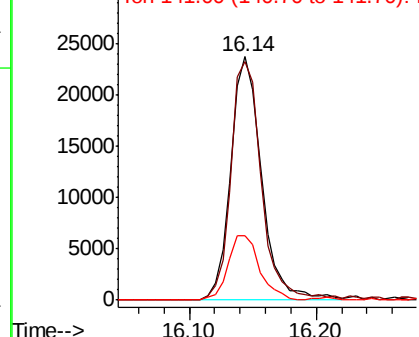


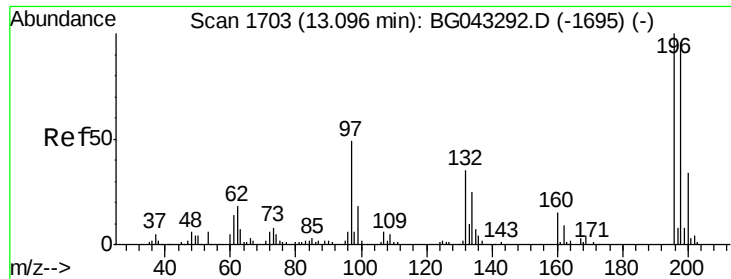
#42
2,4,6-Tribromophenol
Concen: 21.756 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:330 Resp: 39889
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 27.2 21.4 32.0



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

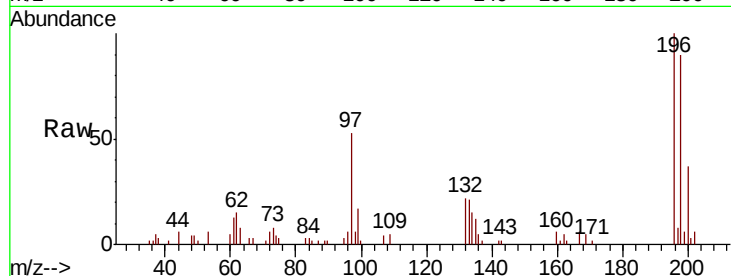




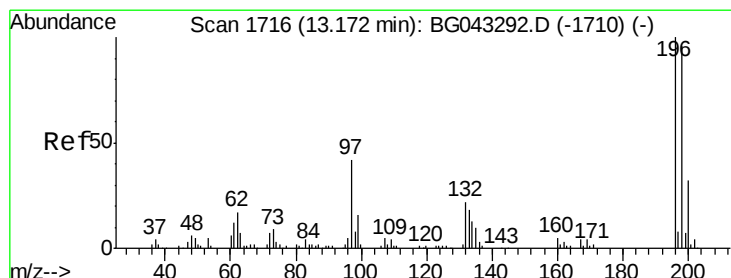
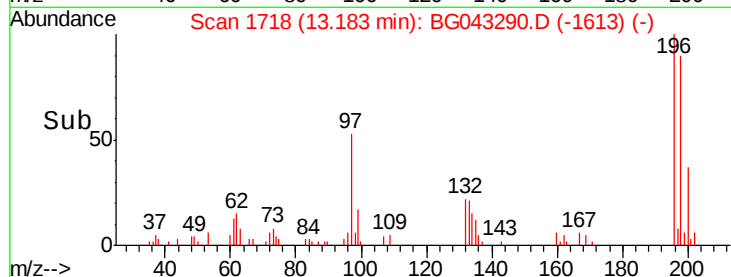
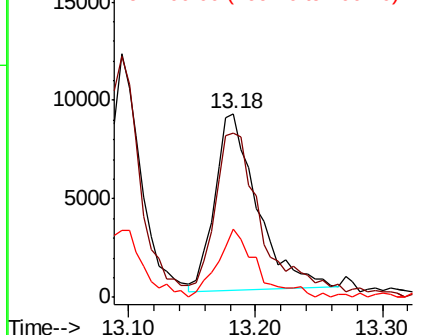
#43
 2,4,6-Trichlorophenol
 Concen: 8.924 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.09 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 20941
 Ion Ratio Lower Upper
 196 100
 198 89.6 77.0 115.4
 200 37.5 27.4 41.2

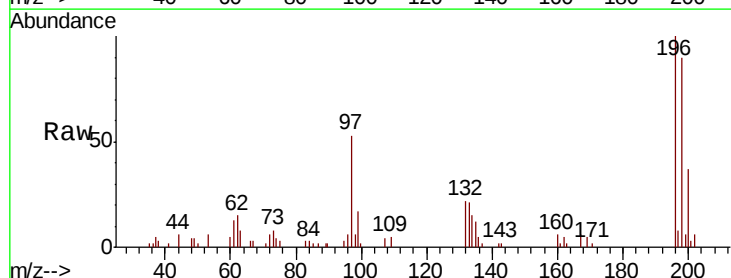


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

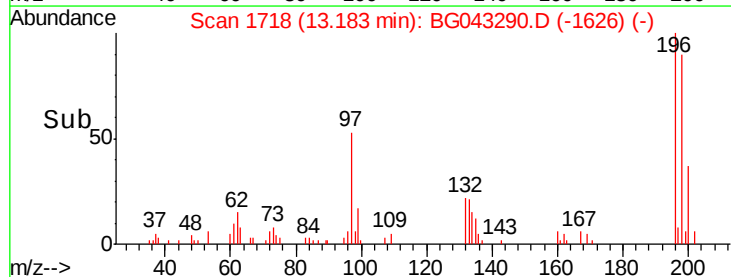
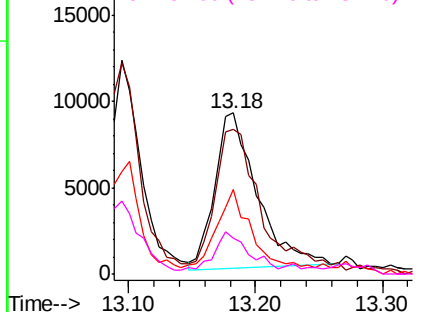


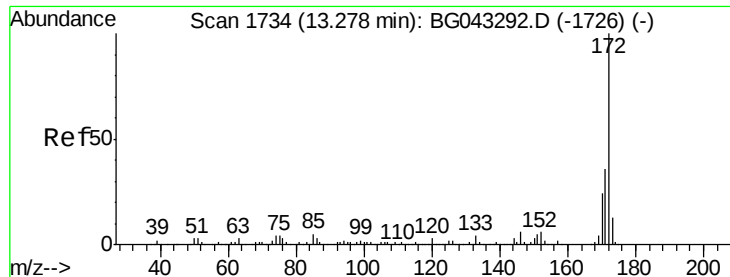
#44
 2,4,5-Trichlorophenol
 Concen: 8.663 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion:196 Resp: 20941
 Ion Ratio Lower Upper
 196 100
 198 89.6 76.6 114.8
 97 52.6 34.1 51.1#
 132 22.3 18.2 27.4



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

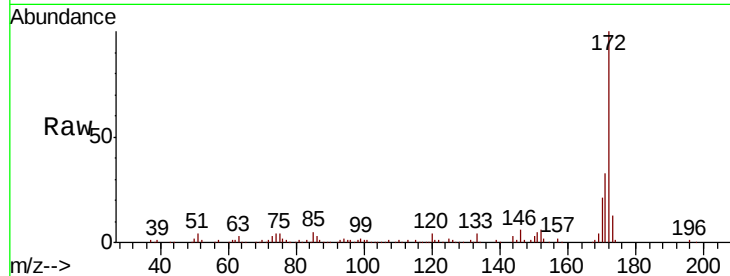




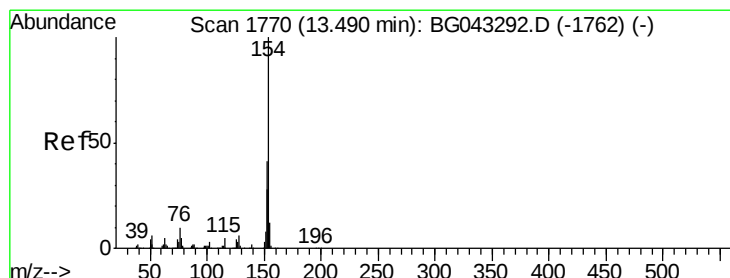
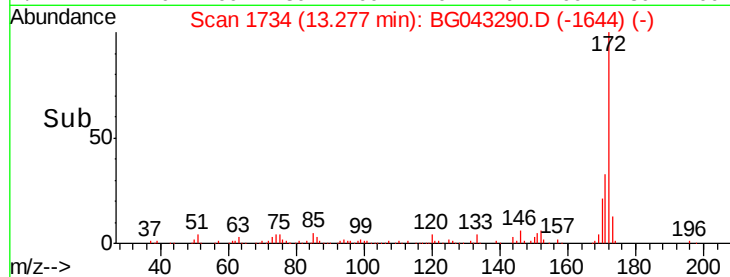
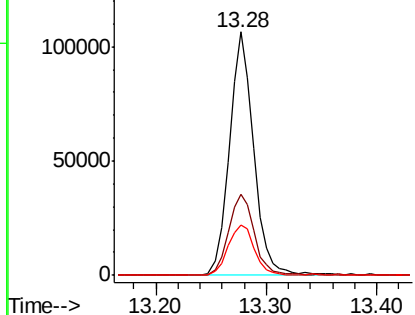
#45
2-Fluorobiphenyl
Concen: 22.262 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 163733
Ion Ratio Lower Upper
172 100
171 33.1 28.5 42.7
170 20.9 18.8 28.2

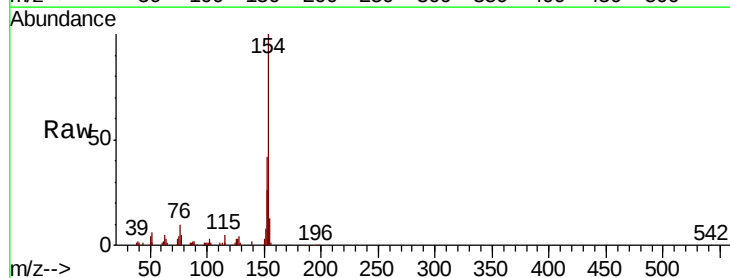


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

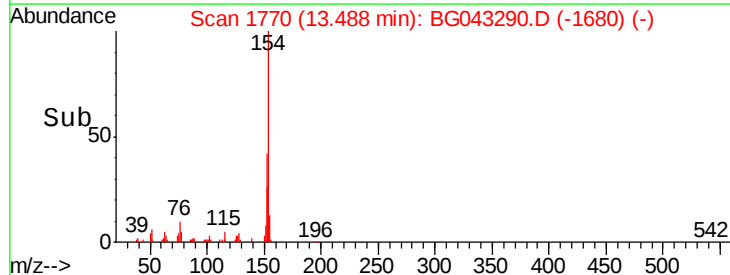
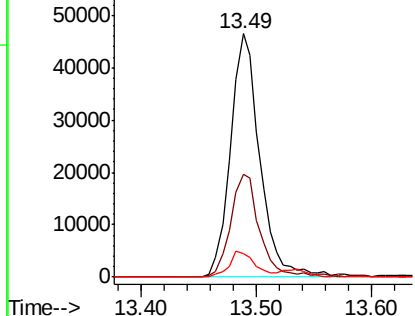


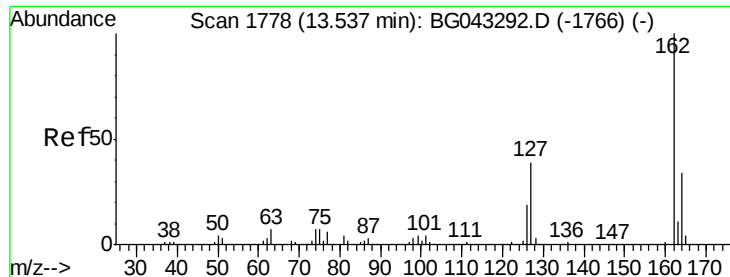
#46
1,1'-Biphenyl
Concen: 10.109 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:154 Resp: 81738
Ion Ratio Lower Upper
154 100
153 42.1 21.0 61.0
76 9.6 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

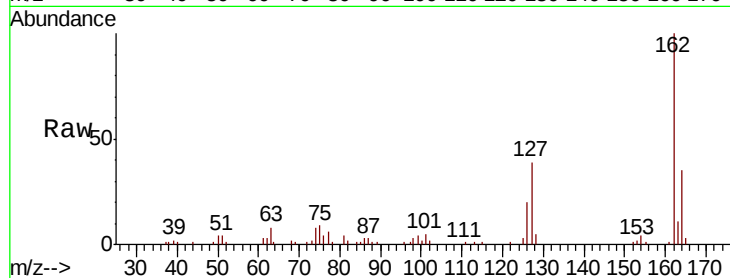




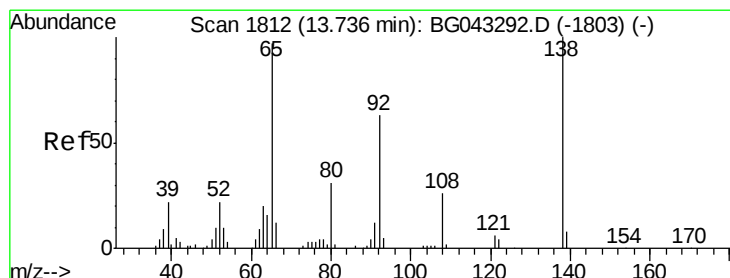
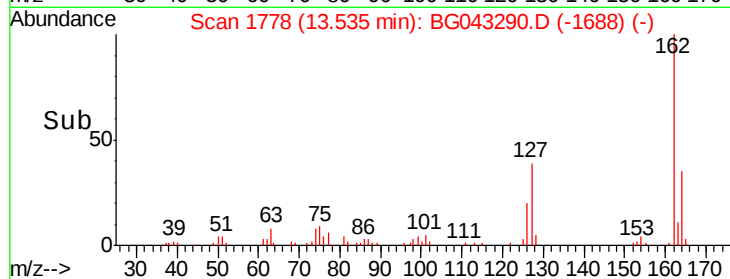
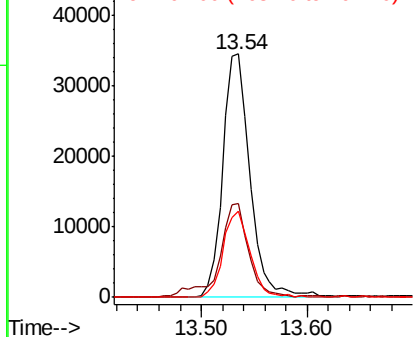
#47
 2-Chloronaphthalene
 Concen: 10.229 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 62009
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.3 46.9
 164 35.5 26.8 40.2

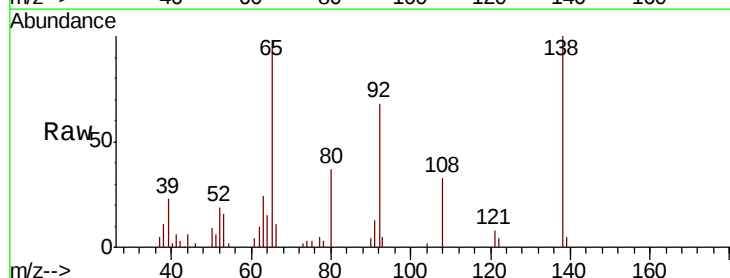


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

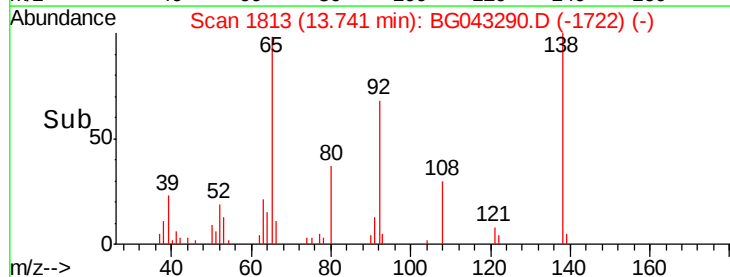
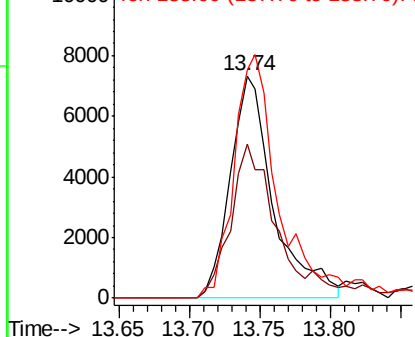


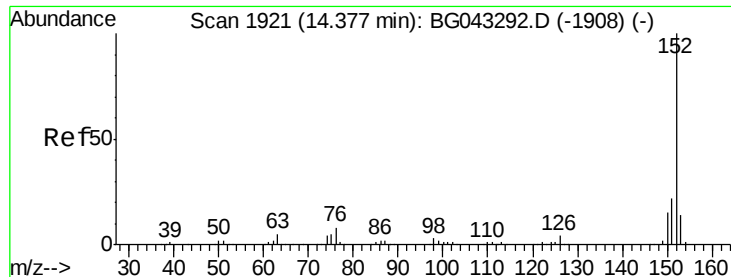
#48
 2-Nitroaniline
 Concen: 7.761 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion: 65 Resp: 15647
 Ion Ratio Lower Upper
 65 100
 92 69.5 52.6 79.0
 138 102.6 82.9 124.3



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





#49

Acenaphthylene

Concen: 10.647 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

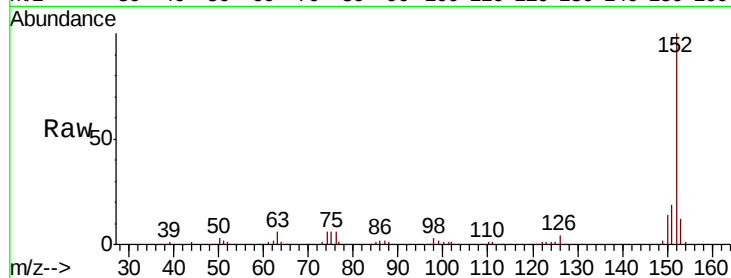
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 98764

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.2	25.8
153	11.9	11.0	16.6

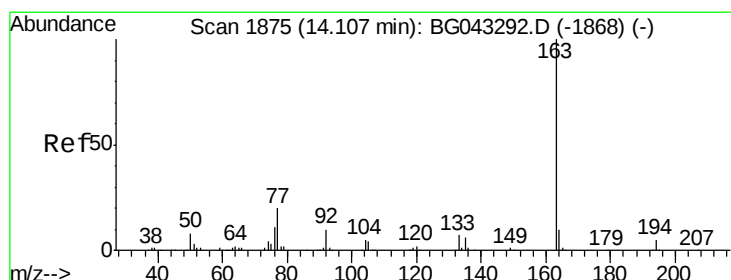
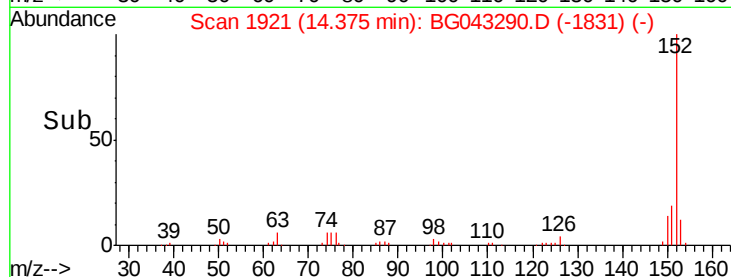
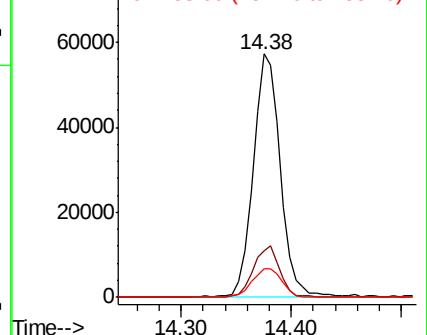


Abundance

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: 10.743 ng

RT: 14.11 min Scan# 1875

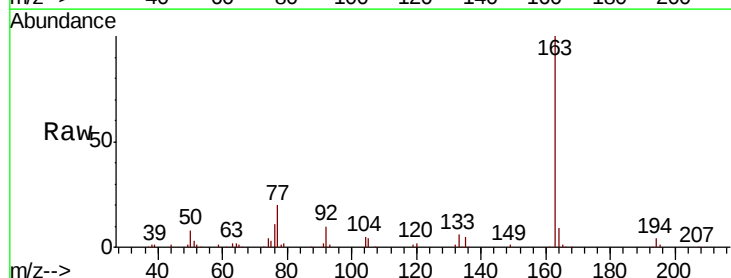
Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Tgt Ion:163 Resp: 85827

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	9.3	8.1	12.1

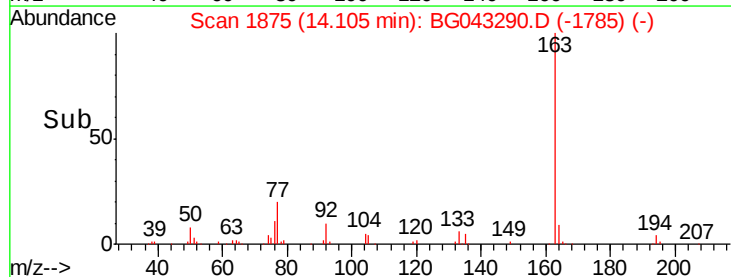
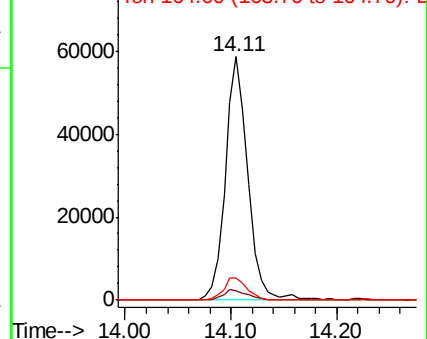


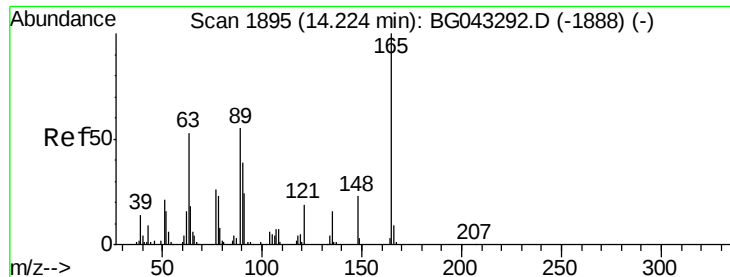
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

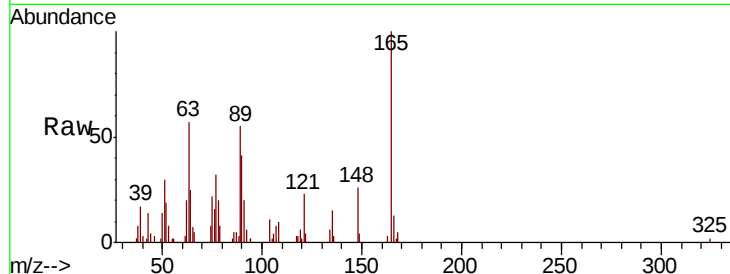




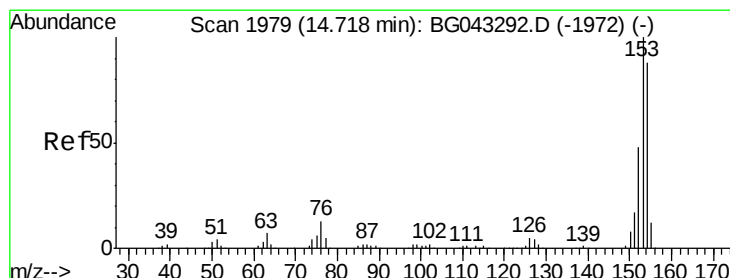
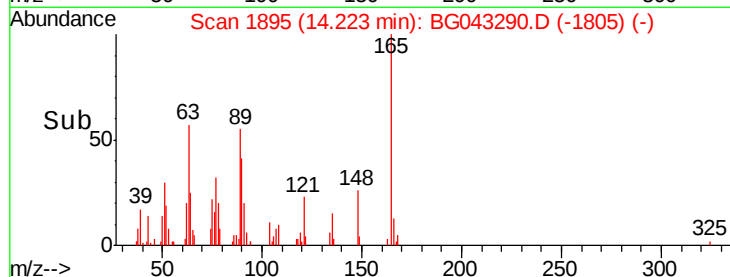
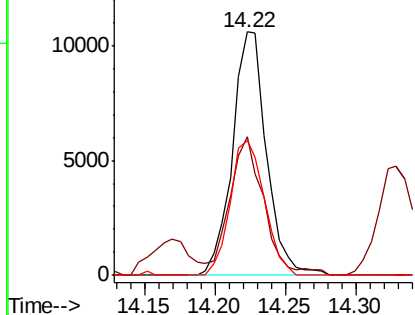
#51
2,6-Dinitrotoluene
Concen: 10.488 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	47.1	70.7
89	55.3	43.7	65.5

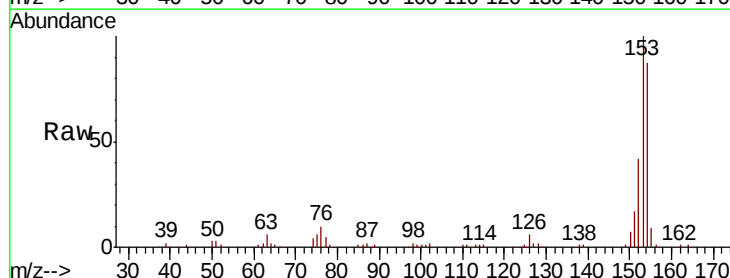


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

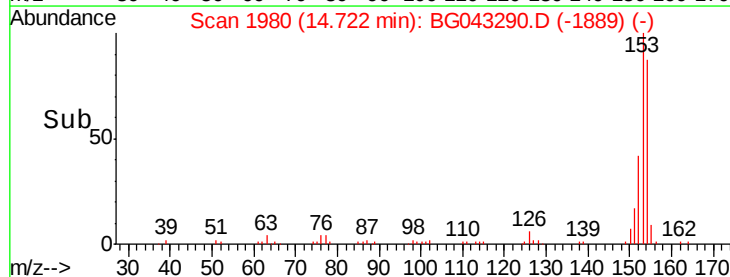
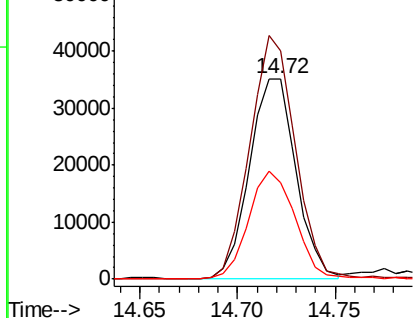


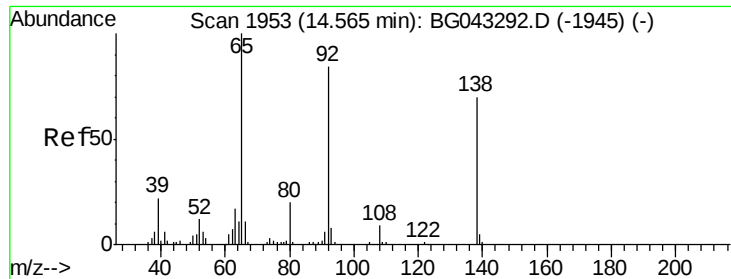
#52
Acenaphthene
Concen: 9.355 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.9	136.3
152	48.1	43.9	65.9



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: 7.967 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

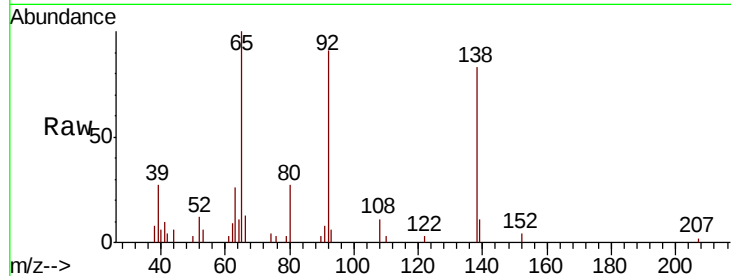
Tot Ion:138 Resp: 14008

Ion Ratio Lower Upper

138 100

108 13.4 9.8 14.6

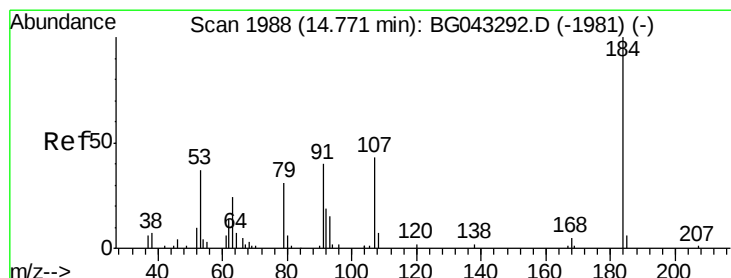
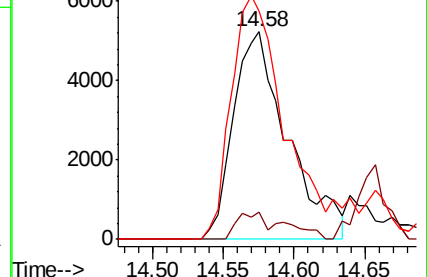
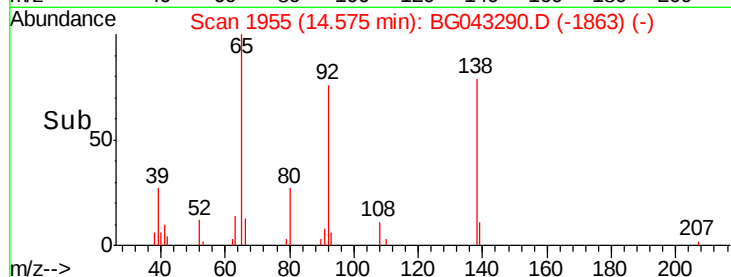
92 110.1 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 0.730 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.07 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

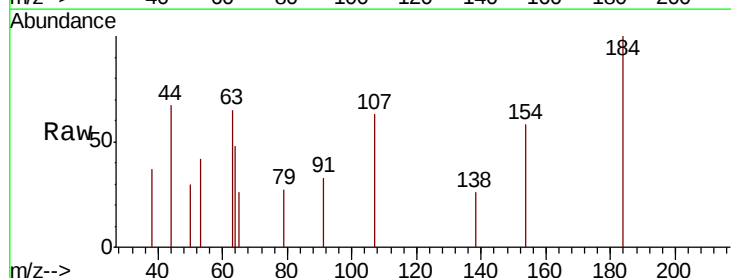
Tgt Ion:184 Resp: 772

Ion Ratio Lower Upper

184 100

63 65.1 48.8 73.2

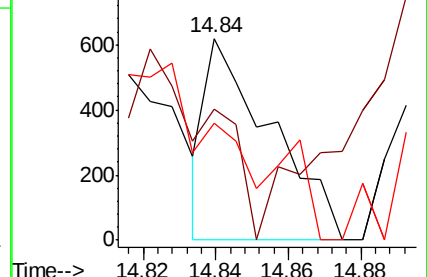
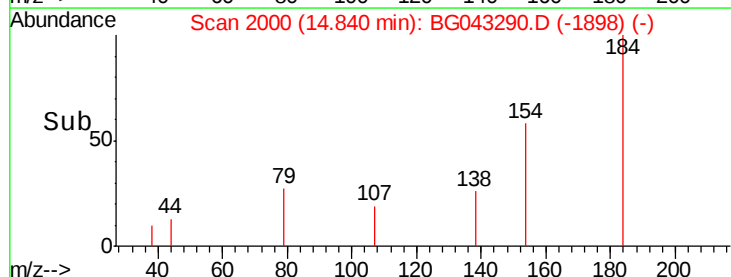
154 58.2 49.4 74.0



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

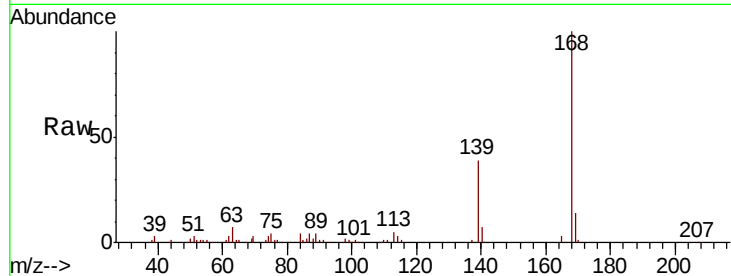




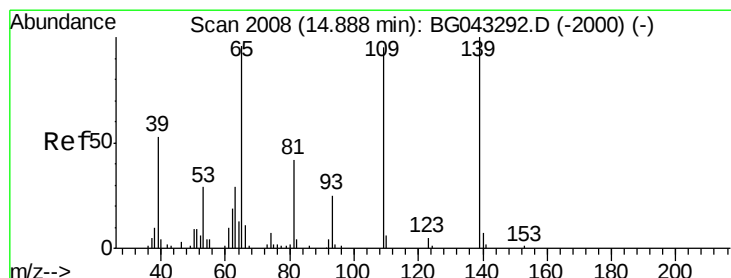
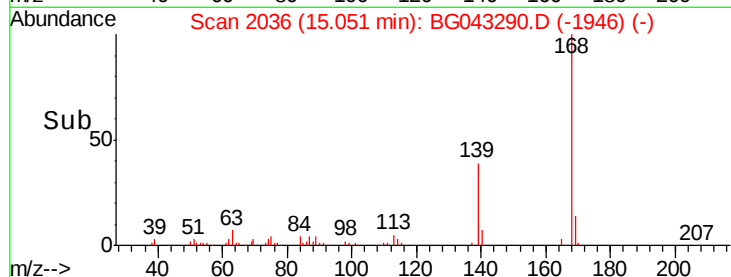
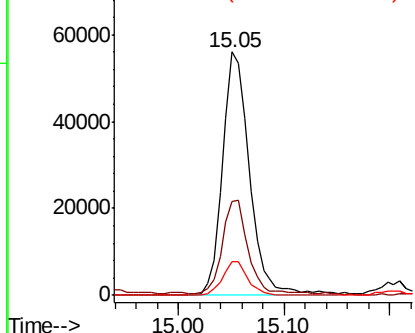
#55
Dibenzenofuran
Concen: 10.881 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 99942
Ion Ratio Lower Upper
168 100
139 38.6 31.7 47.5
169 14.0 11.0 16.4

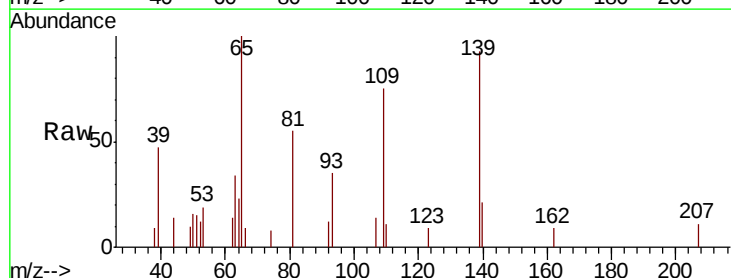


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

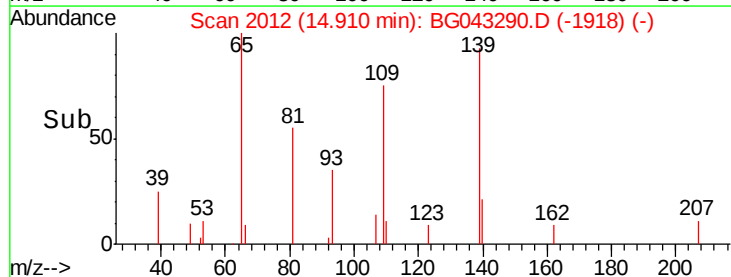
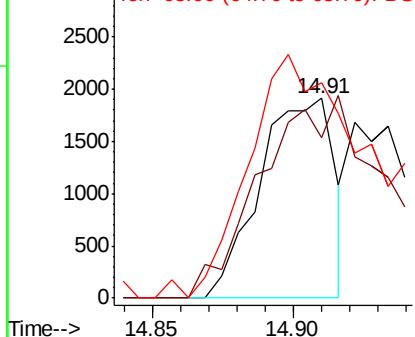


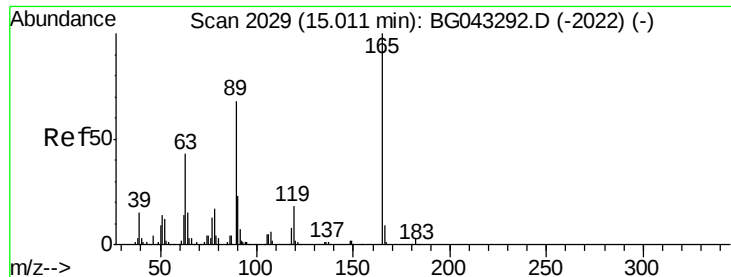
#56
4-Nitrophenol
Concen: 2.610 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:139 Resp: 3497
Ion Ratio Lower Upper
139 100
109 80.4 75.4 115.4
65 107.5 76.6 116.6



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): BG

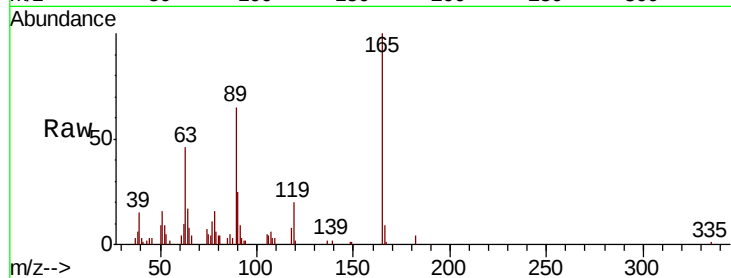




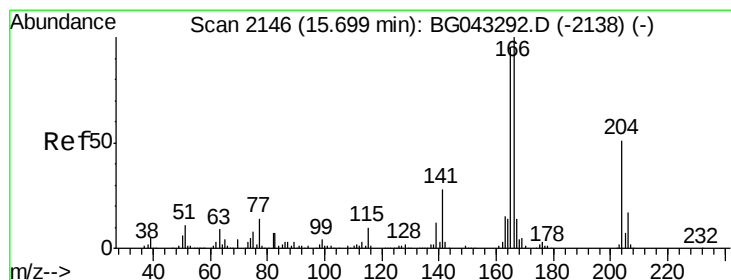
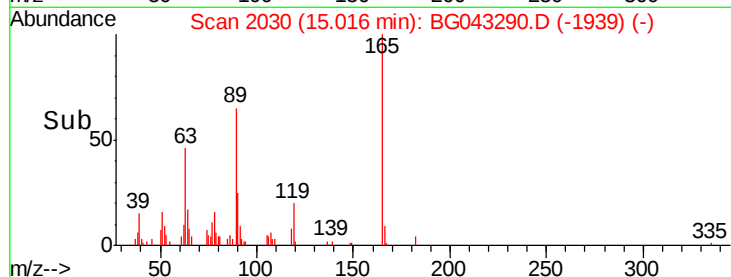
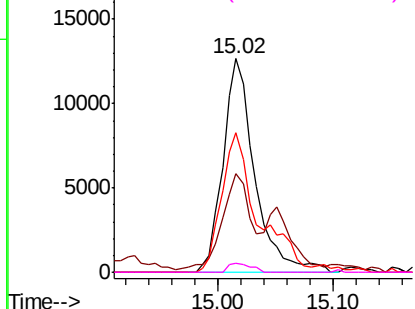
#57
2,4-Dinitrotoluene
Concen: 9.670 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 24093
Ion Ratio Lower Upper
165 100
63 45.9 35.0 52.6
89 65.3 54.1 81.1
182 4.1 2.2 3.2#

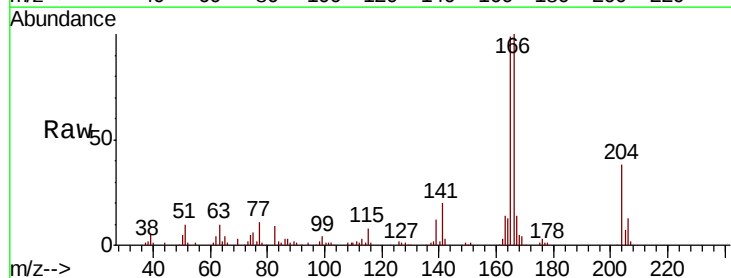


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

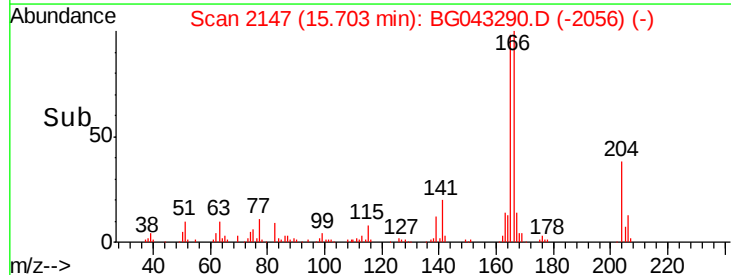
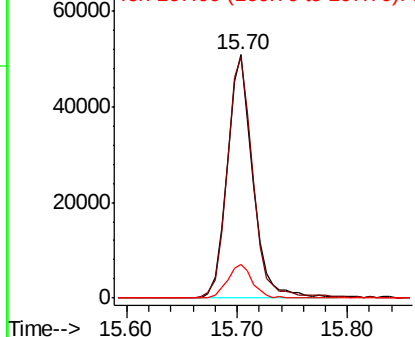


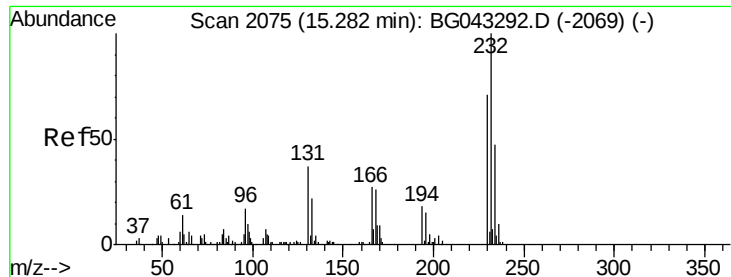
#58
Fluorene
Concen: 10.520 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion:166 Resp: 82498
Ion Ratio Lower Upper
166 100
165 98.8 76.4 114.6
167 13.9 11.1 16.7



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

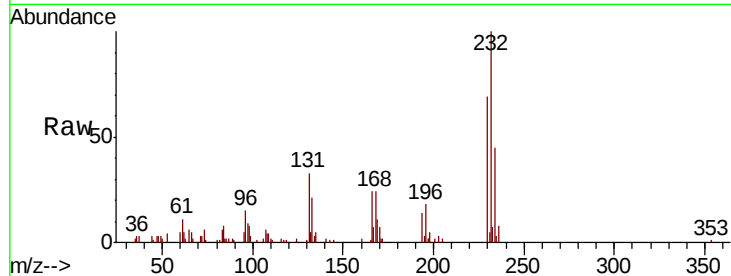




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.896 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.2	28.7	43.1
130	1.3	0.6	0.8
166	25.7	21.1	31.7



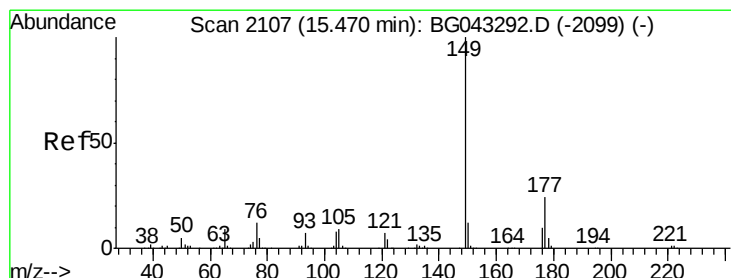
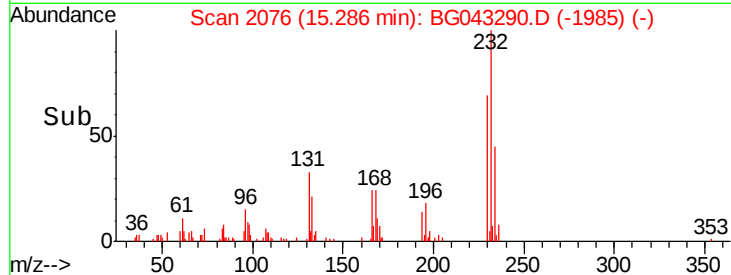
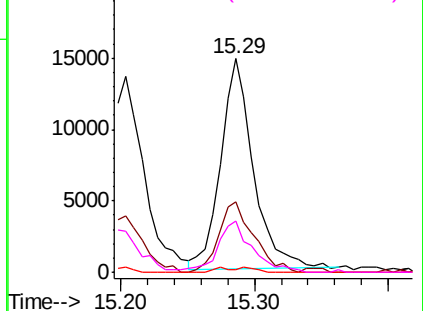
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

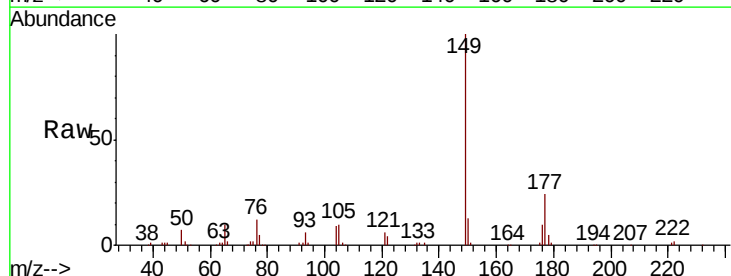
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 10.714 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.0	28.4
150	13.0	9.4	14.0

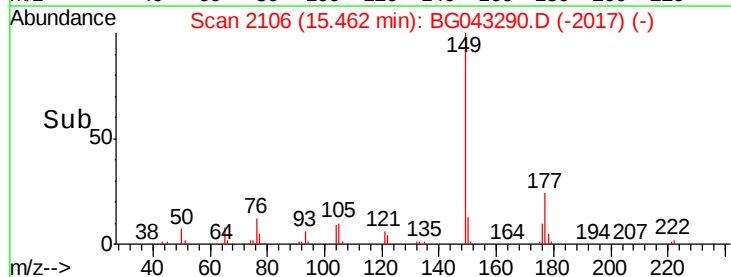
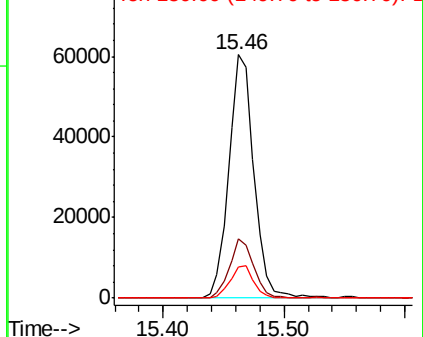


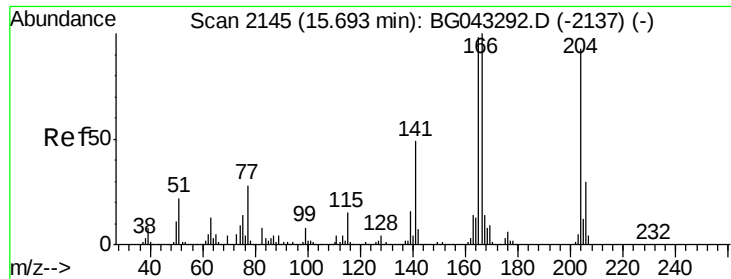
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

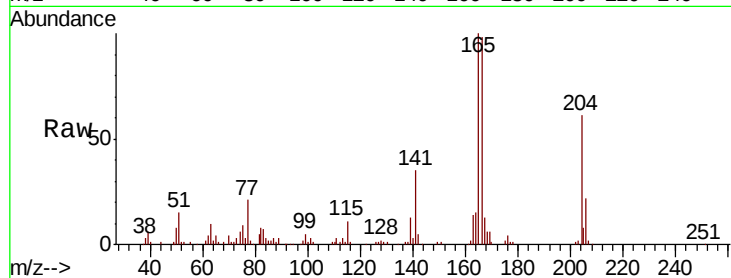




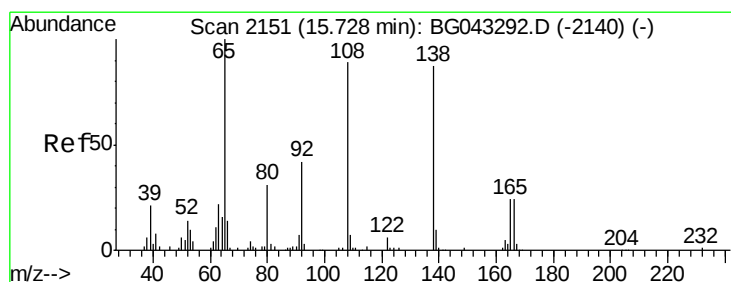
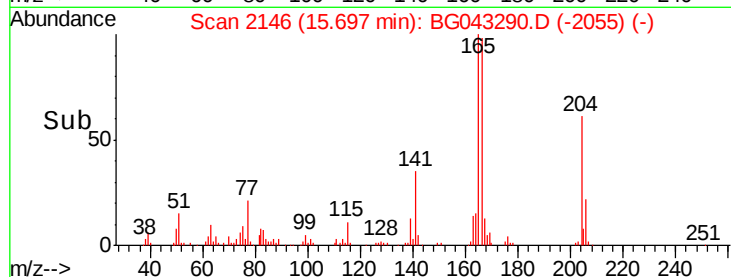
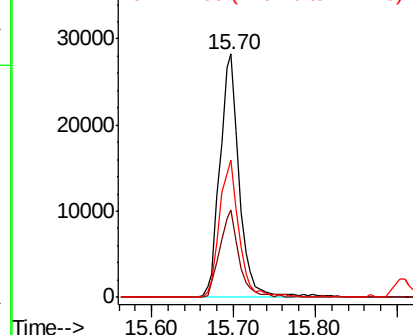
#61
 4-Chlorophenyl-phenylether
 Concen: 9.974 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 46908
 Ion Ratio Lower Upper
 204 100
 206 35.8 25.7 38.5
 141 56.5 42.3 63.5

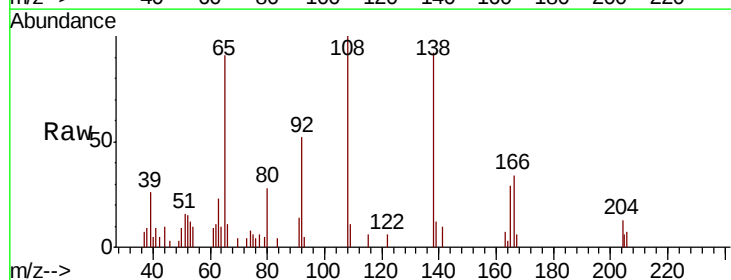


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

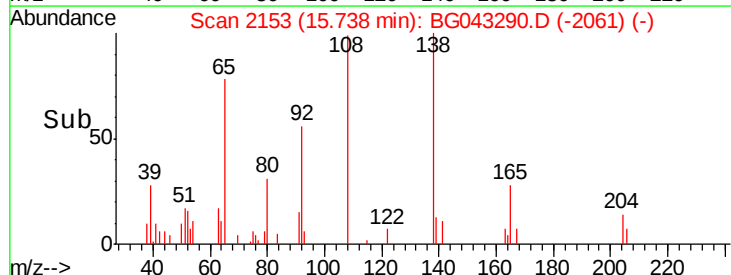
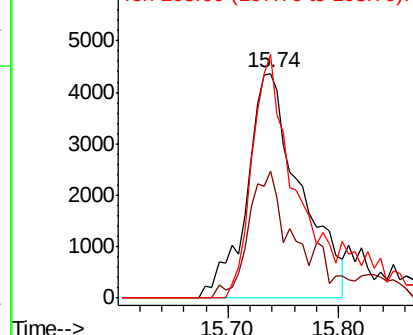


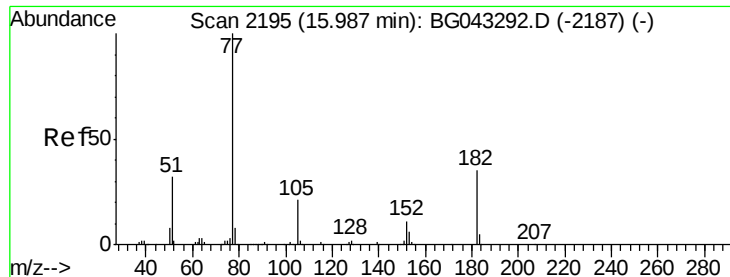
#62
 4-Nitroaniline
 Concen: 7.683 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion:138 Resp: 14733
 Ion Ratio Lower Upper
 138 100
 92 56.4 28.8 68.8
 108 108.5 82.7 122.7



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





#63

Azobenzene

Concen: 9.375 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 69394

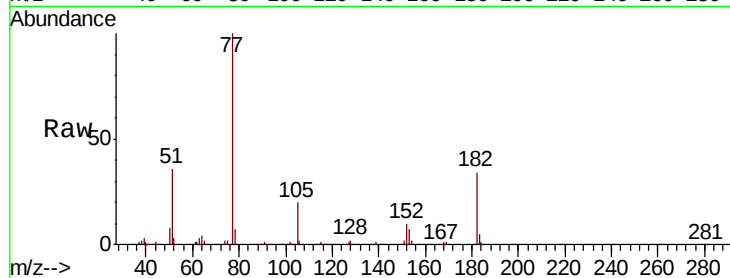
Ion Ratio Lower Upper

77 100

182 34.4 14.9 54.9

105 19.7 0.6 40.6

51 36.2 12.5 52.5

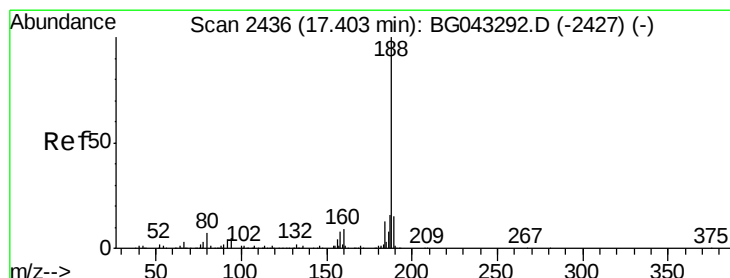
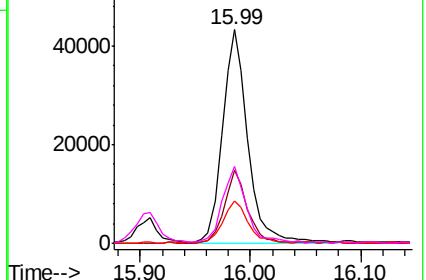
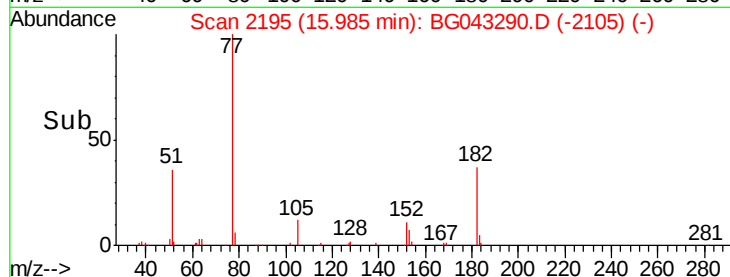


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

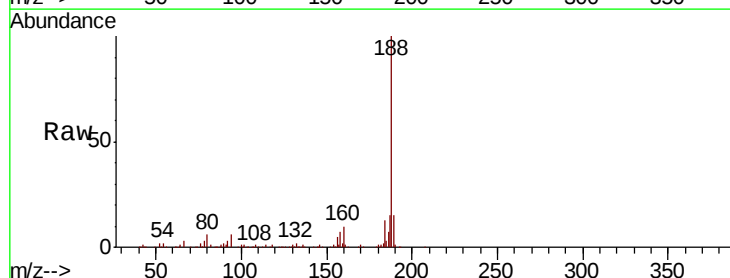
Tgt Ion: 188 Resp: 249552

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

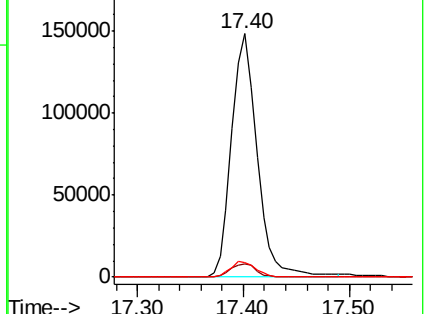
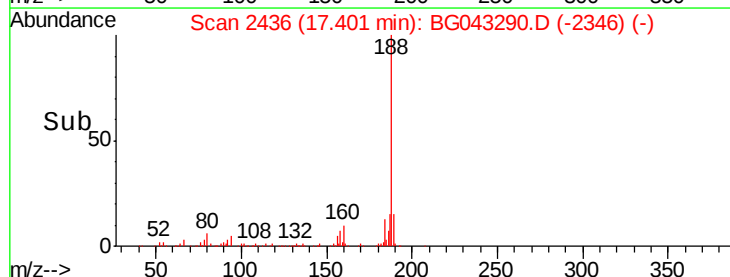
80 5.9 5.2 7.8

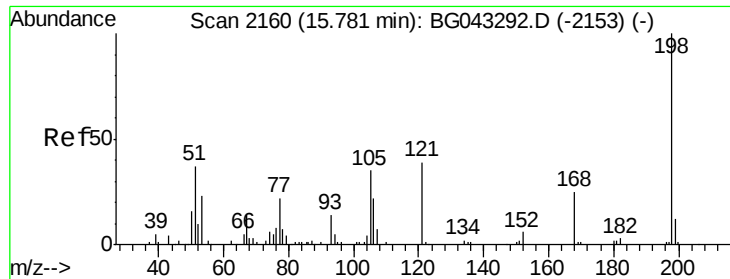


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

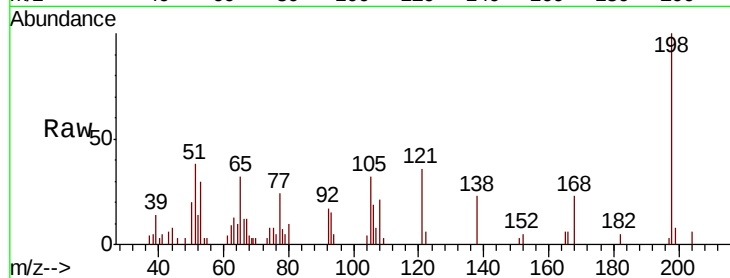




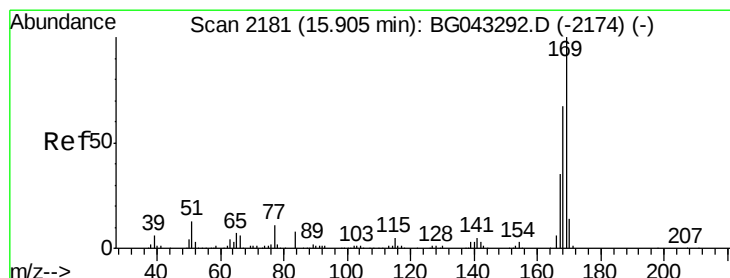
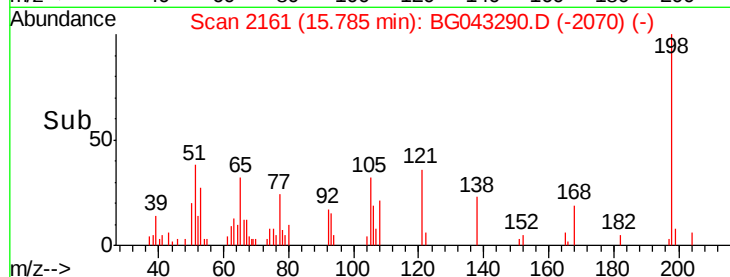
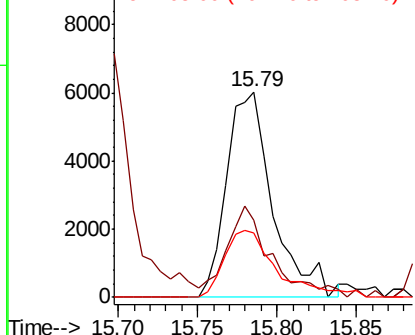
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.642 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 12204
 Ion Ratio Lower Upper
 198 100
 51 37.6 21.4 61.4
 105 31.5 16.5 56.5

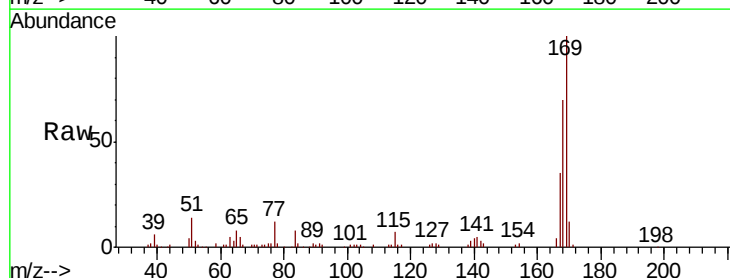


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

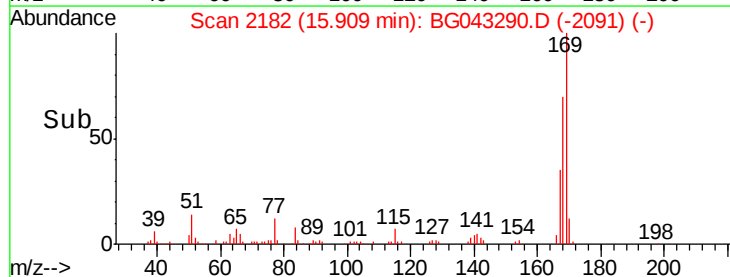
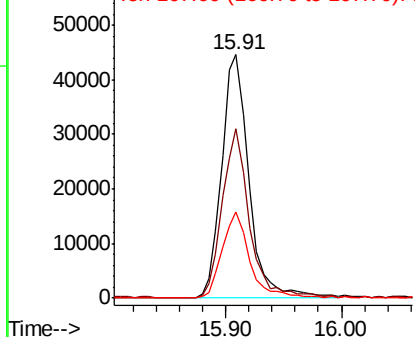


#66
 n-Nitrosodiphenylamine
 Concen: 11.110 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion:169 Resp: 73192
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.9 80.9
 167 35.4 28.3 42.5



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

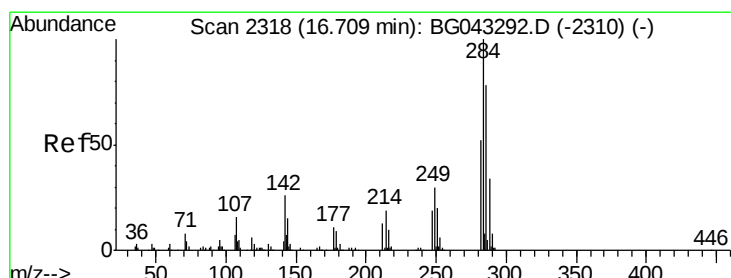
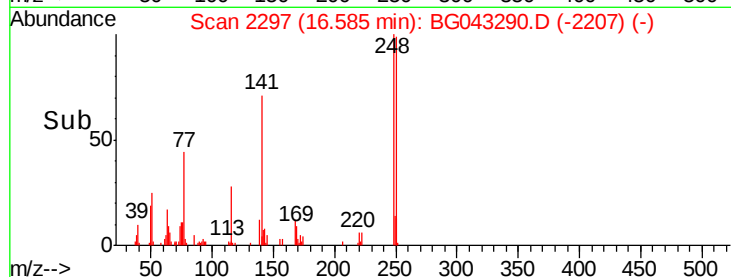
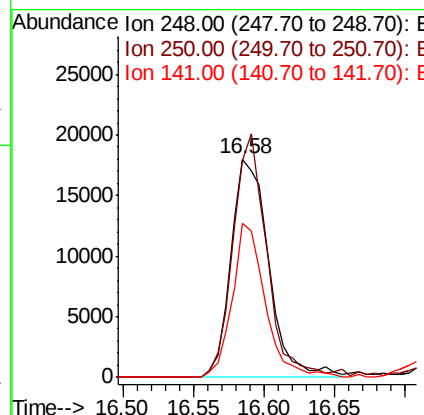
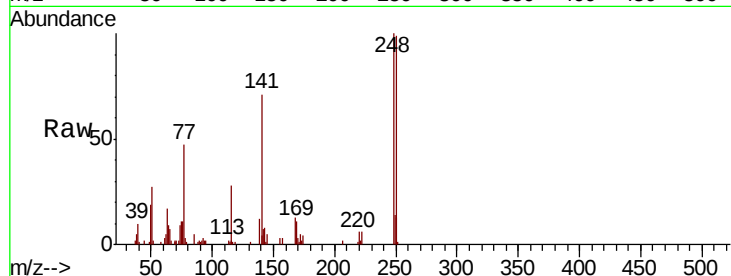




#67
4-Bromophenyl-phenylether
Concen: 10.759 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

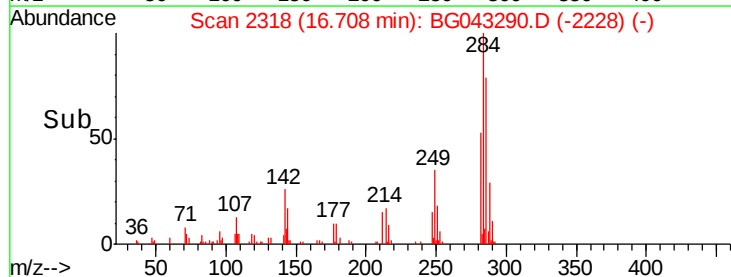
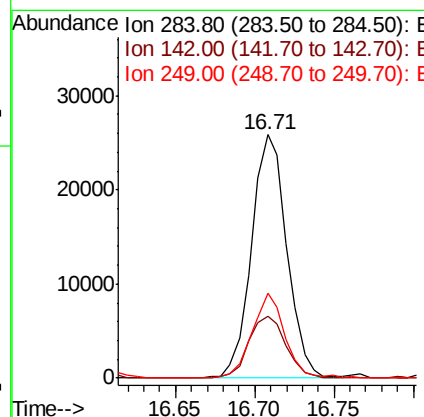
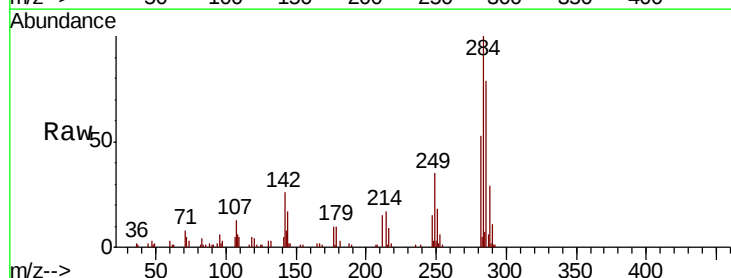
Instrument :
BNA_G
ClientSampled :

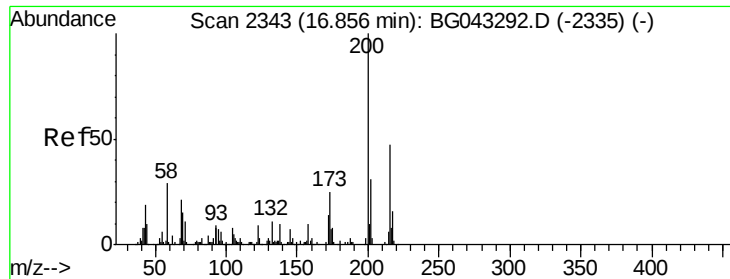
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.3	118.9
141	70.6	47.9	71.9



#68
Hexachlorobenzene
Concen: 11.472 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.1	31.7
249	34.6	24.4	36.6

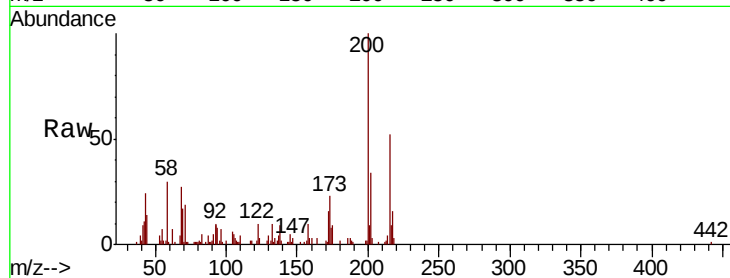




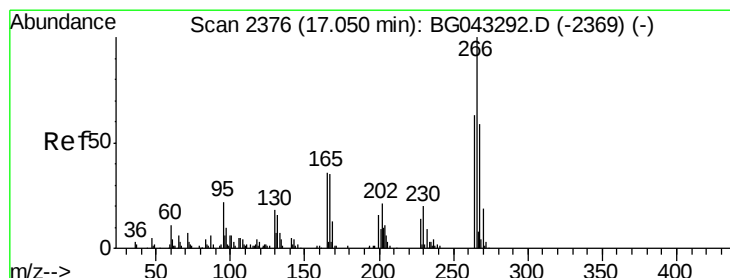
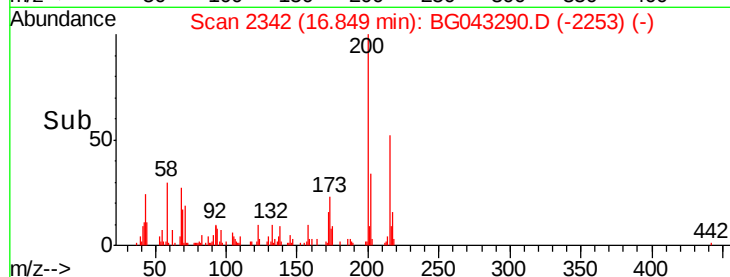
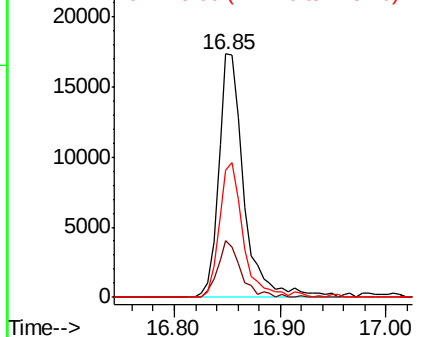
#69
Atrazine
Concen: 10.394 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.1	45.1
215	52.4	26.6	66.6

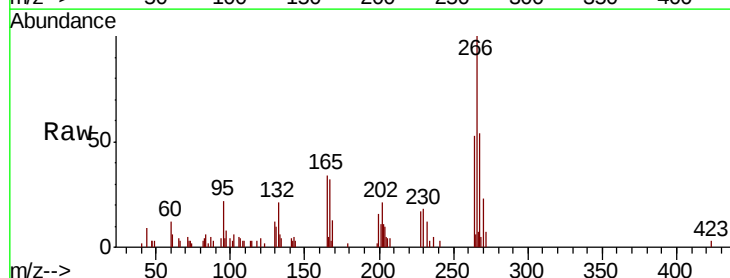


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

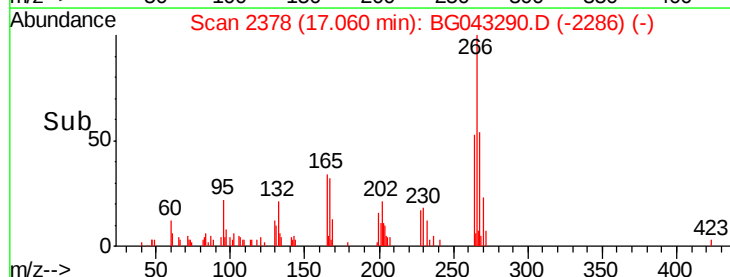
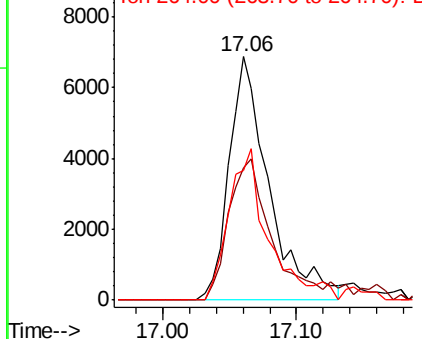


#70
Pentachlorophenol
Concen: 7.142 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.5	47.1	70.7
264	53.0	50.4	75.6



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

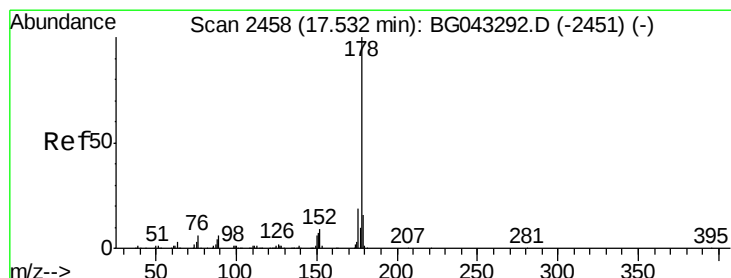
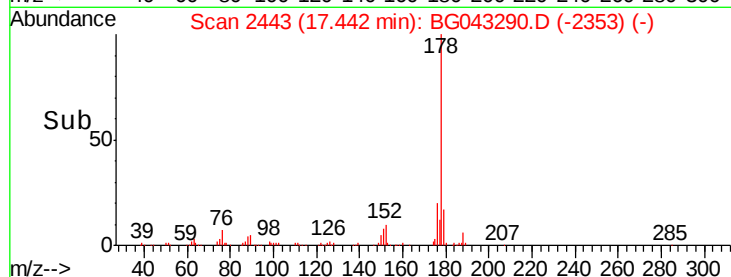
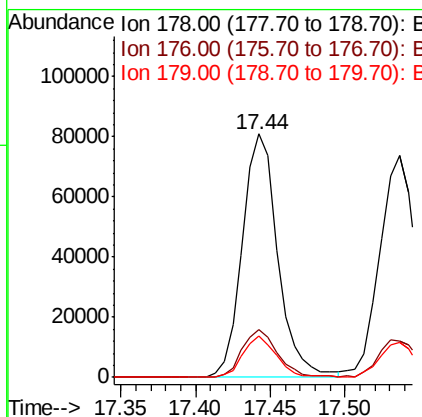
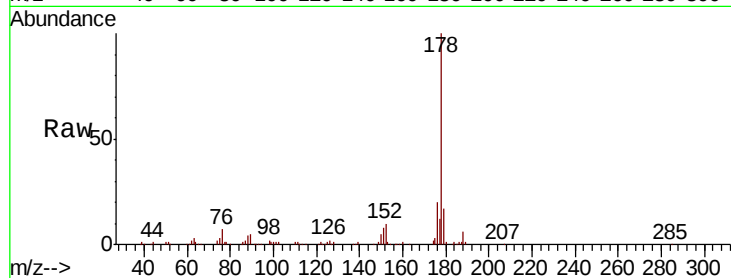




#71
Phenanthrene
Concen: 10.959 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

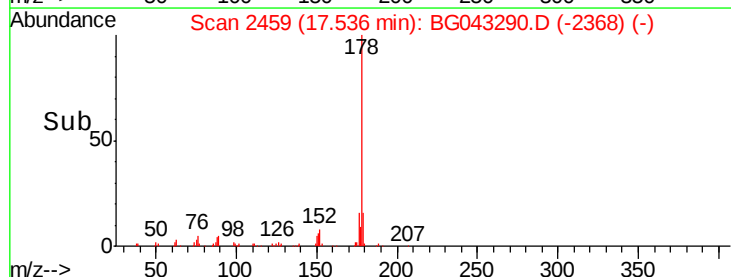
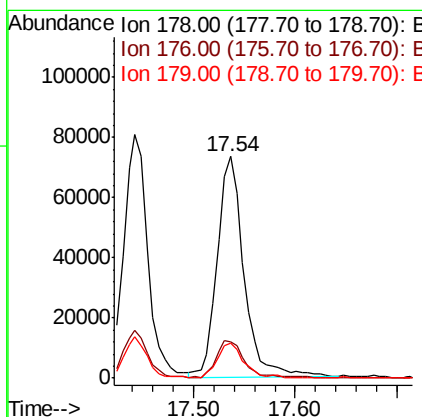
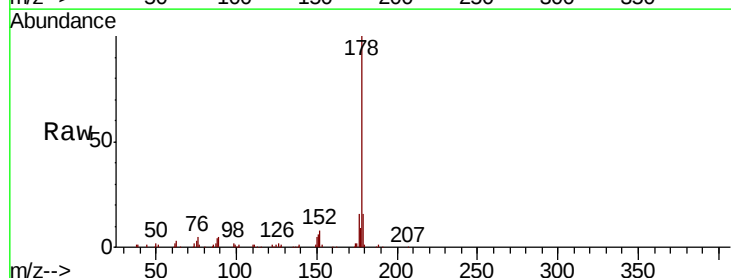
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	17.0	13.1	19.7



#72
Anthracene
Concen: 10.999 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.1	22.7
179	15.7	13.0	19.6





#73

Carbazole

Concen: 10.416 ng

RT: 17.81 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

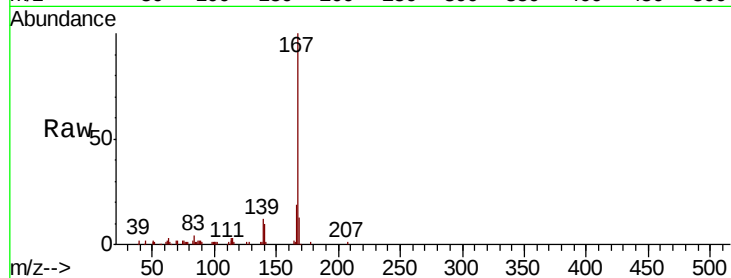
Tot Ion:167 Resp: 117484

Ion Ratio Lower Upper

167 100

166 18.6 18.4 27.6

139 11.7 10.2 15.4

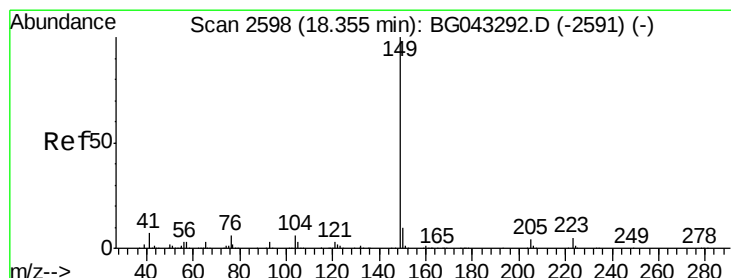
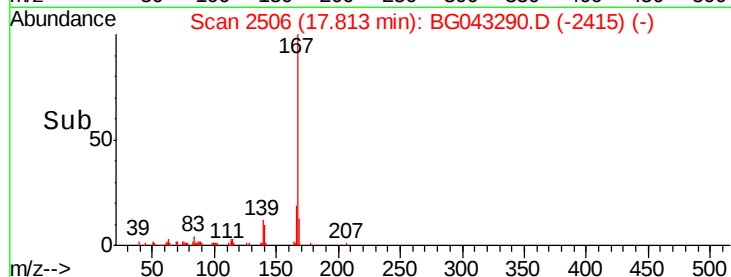
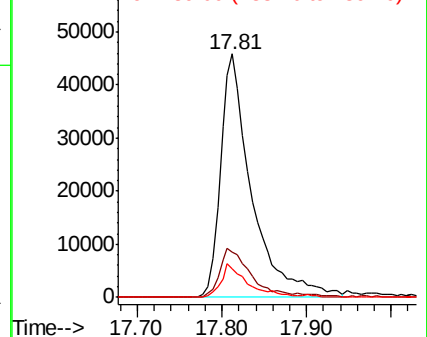


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 10.913 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

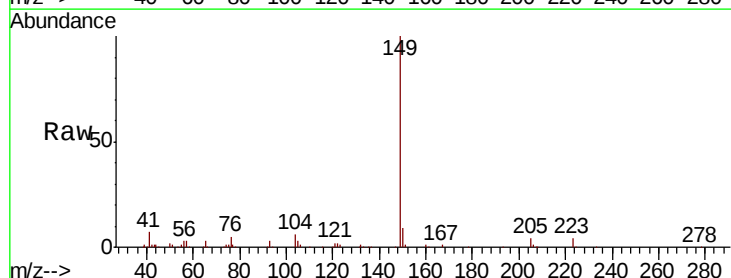
Tgt Ion:149 Resp: 146849

Ion Ratio Lower Upper

149 100

150 9.0 8.0 12.0

104 5.7 4.7 7.1

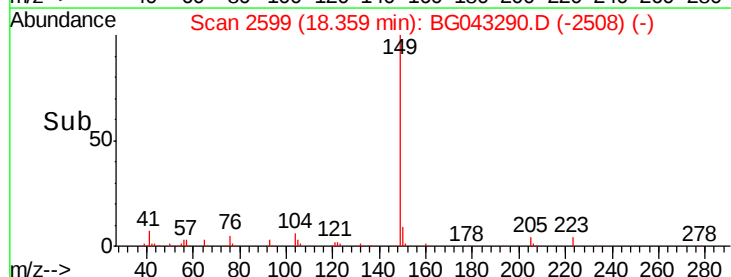
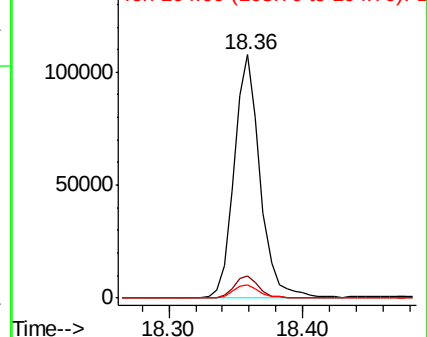


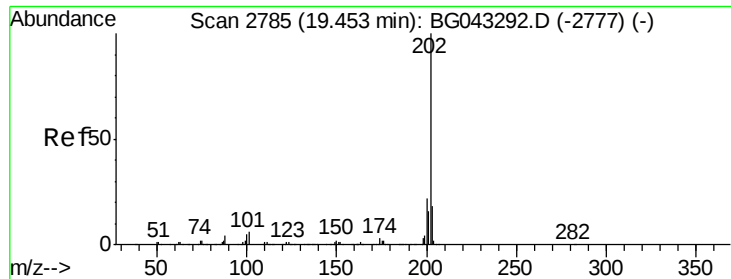
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.113 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

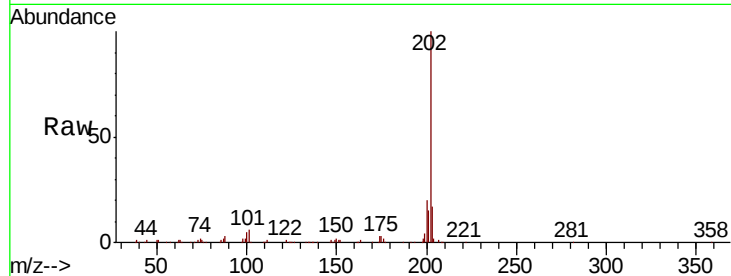
Tot Ion:202 Resp: 179088

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.0

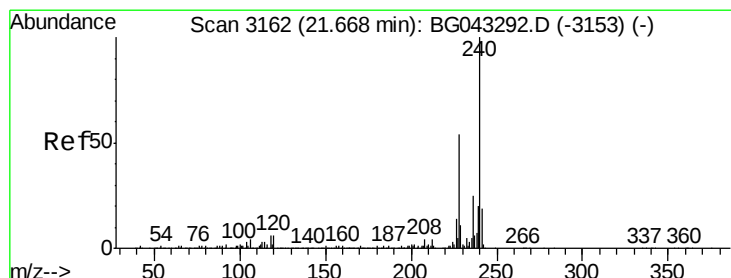
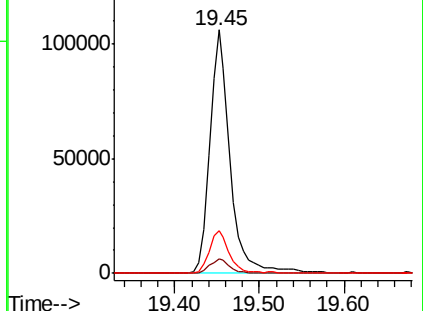
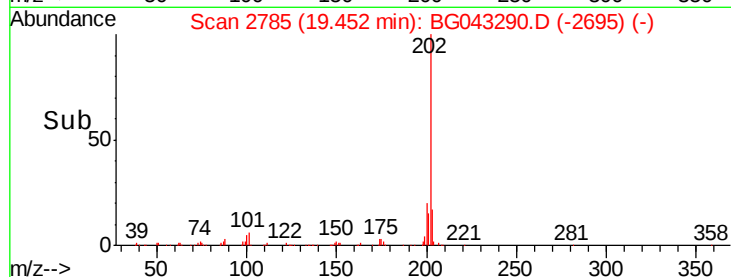
203 17.5 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

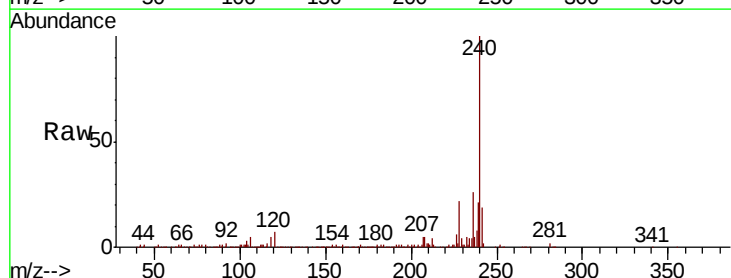
Tgt Ion:240 Resp: 283686

Ion Ratio Lower Upper

240 100

120 7.0 4.6 7.0#

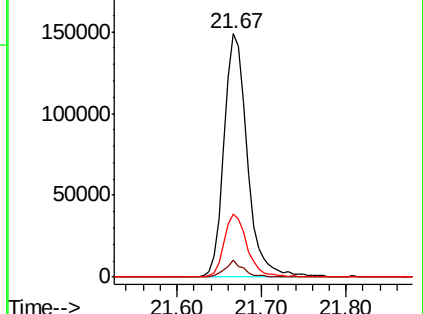
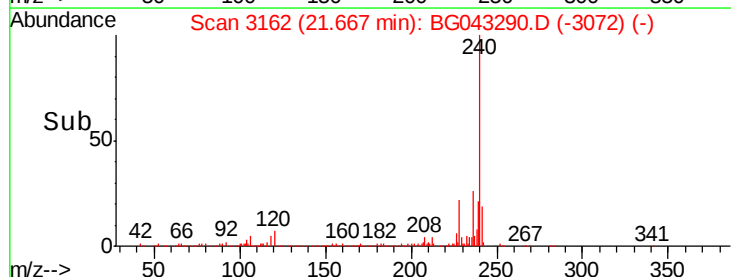
236 25.7 20.2 30.4

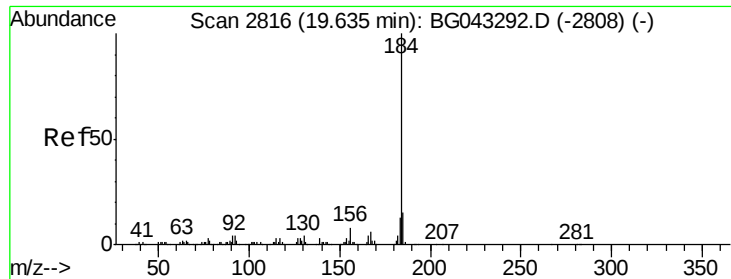


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.124 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

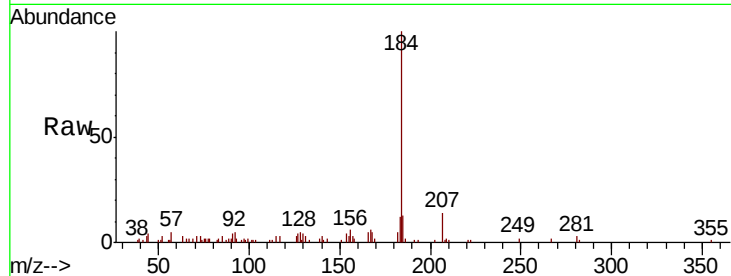
Tot Ion:184 Resp: 64812

Ion Ratio Lower Upper

184 100

185 12.7 11.8 17.6

183 11.7 10.6 16.0

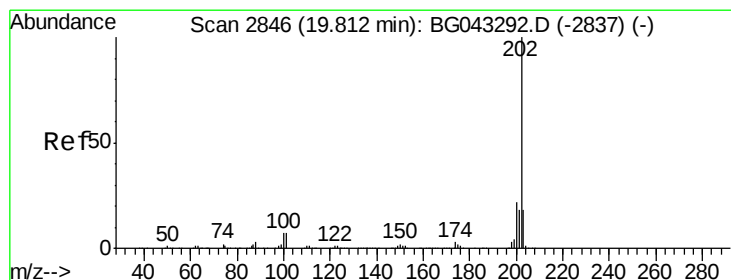
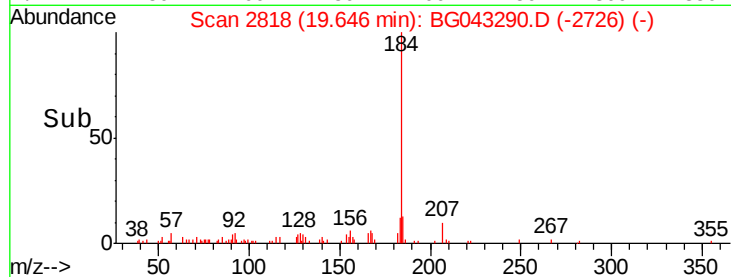
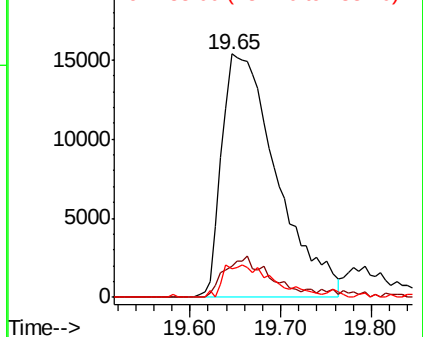


Abundance

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: 11.057 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

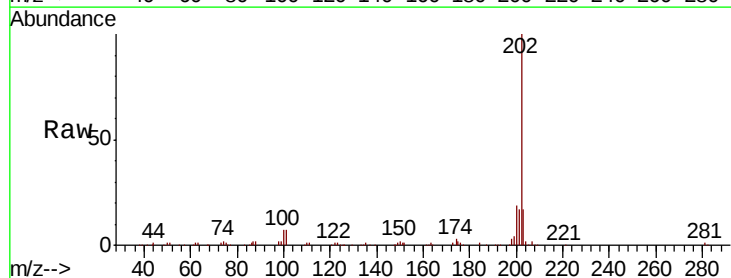
Tgt Ion:202 Resp: 187215

Ion Ratio Lower Upper

202 100

200 19.5 17.3 25.9

203 17.2 14.5 21.7

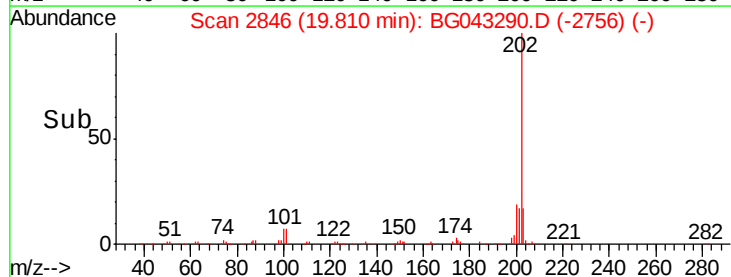
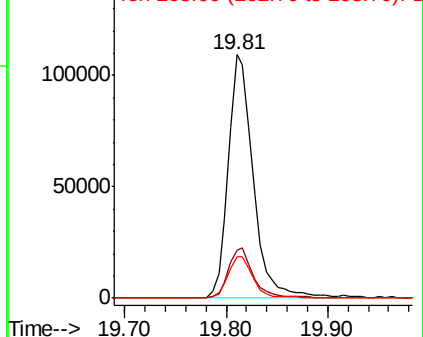


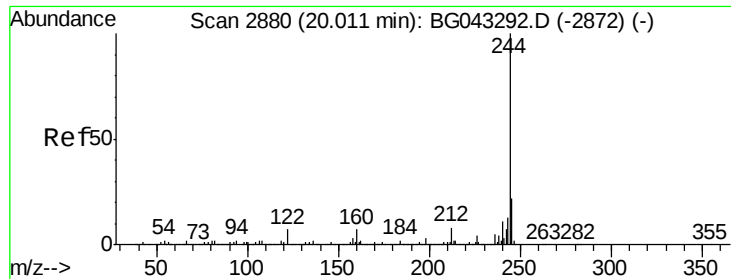
Abundance

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: 25.590 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

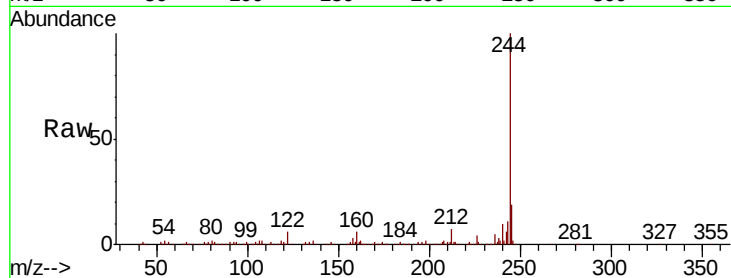
Tot Ion:244 Resp: 340677

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

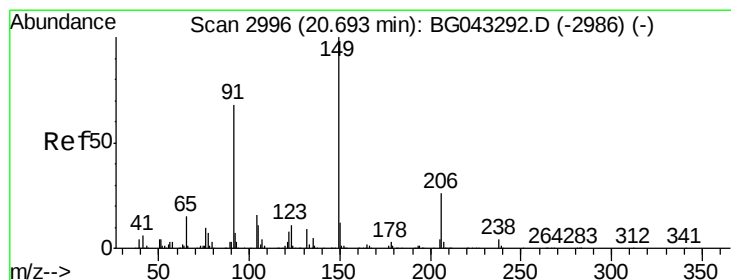
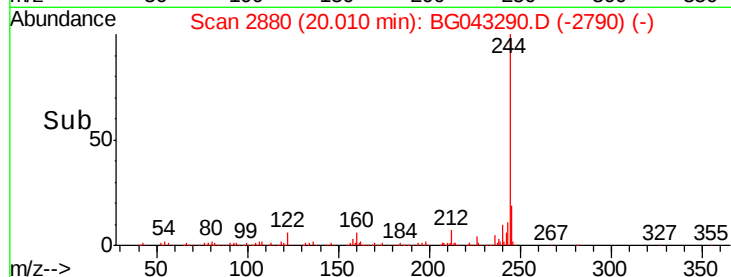
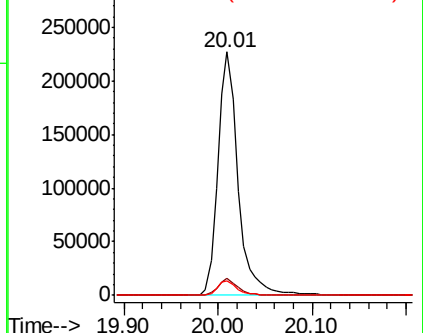
122 5.8 5.3 7.9



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: 10.131 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

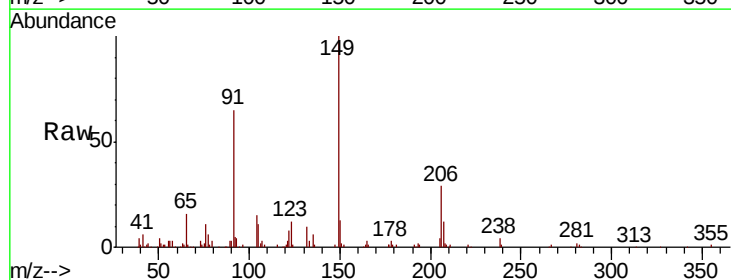
Tgt Ion:149 Resp: 65114

Ion Ratio Lower Upper

149 100

91 65.2 54.6 82.0

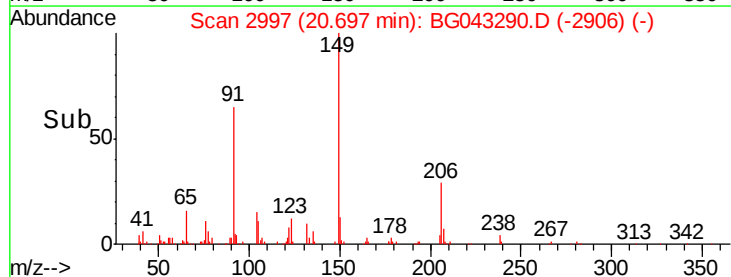
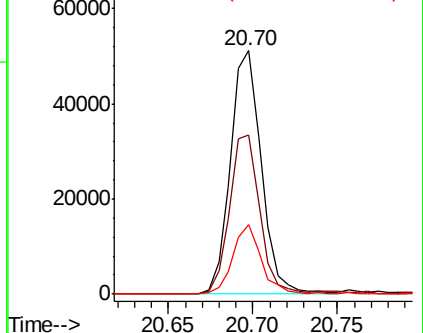
206 28.8 20.5 30.7

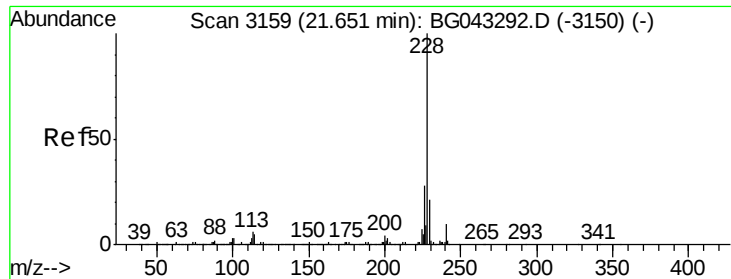


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

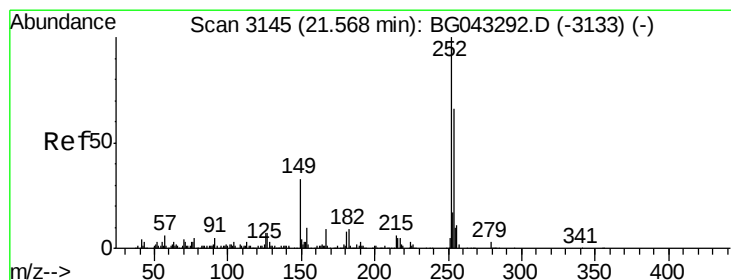
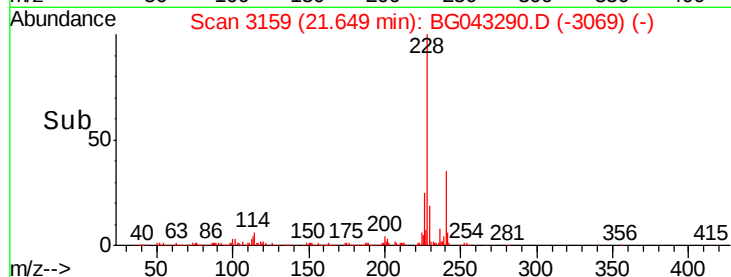
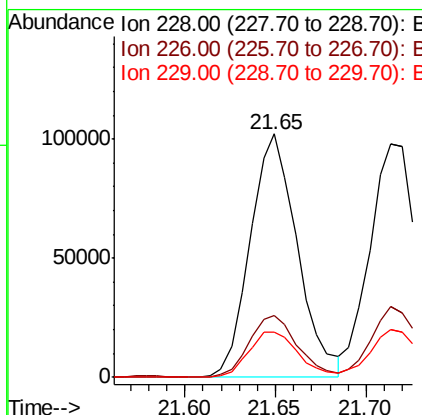
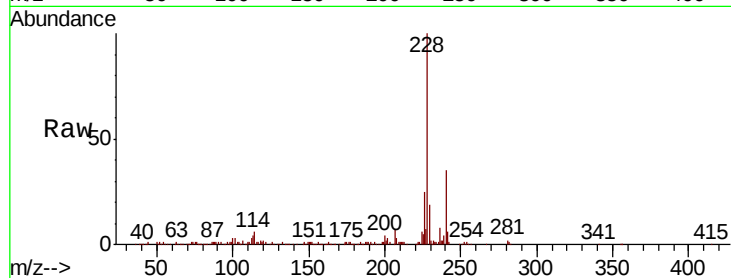




#81
Benzo(a)anthracene
Concen: 10.442 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

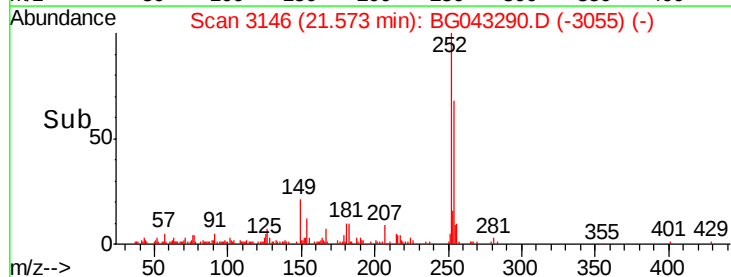
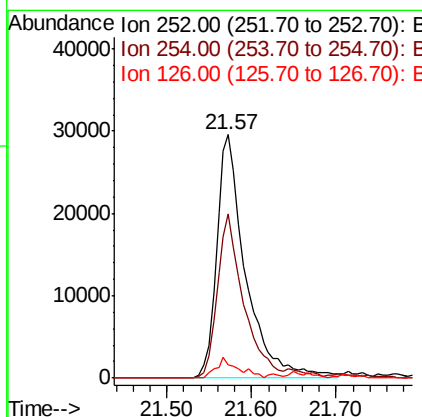
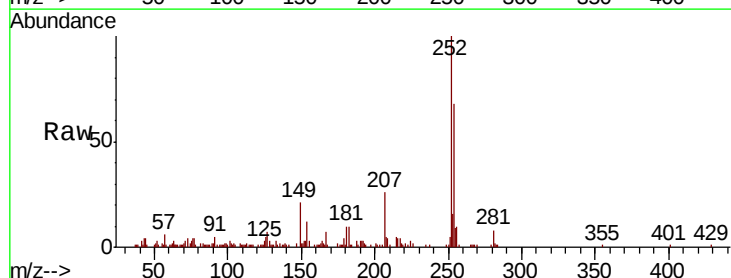
Instrument :
BNA_G
ClientSampleId :

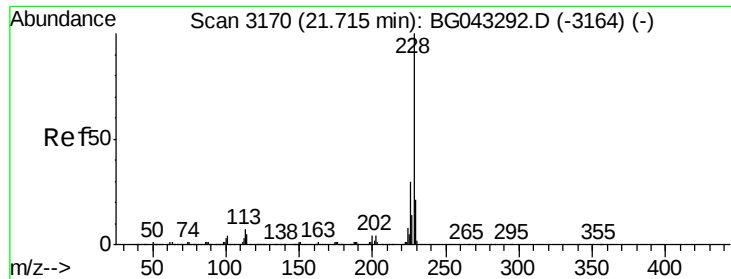
Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.2	33.4
229	18.6	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 10.142 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG043290.D
Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	52.7	79.1
126	5.5	5.6	8.4#

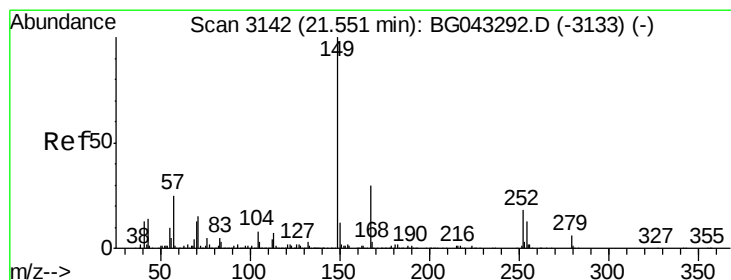
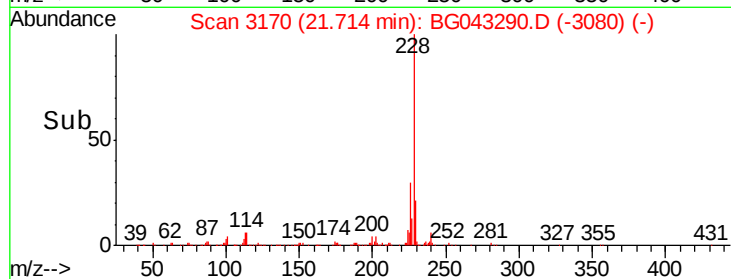
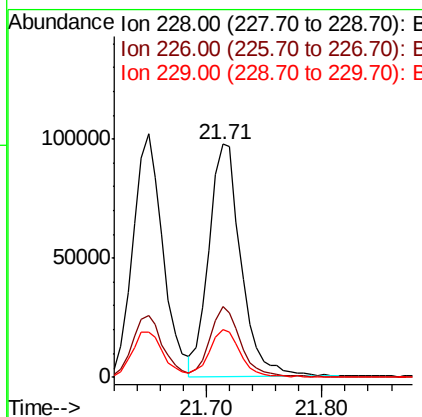
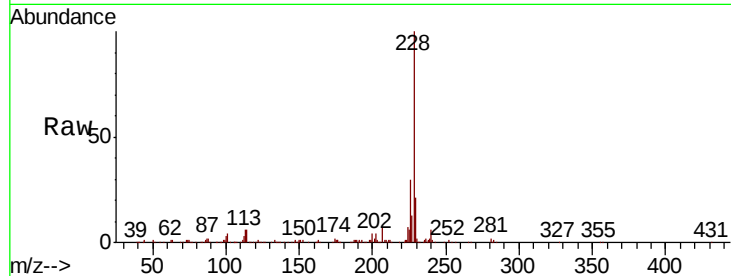




#83
 Chrvsene
 Concen: 10.985 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

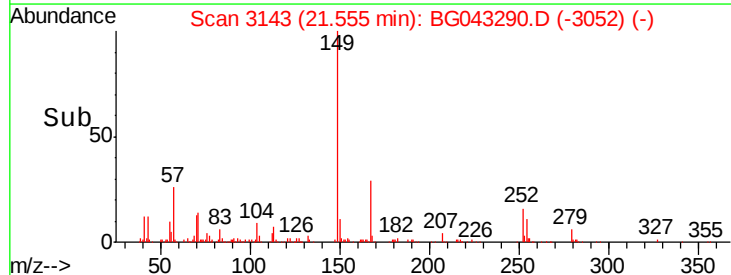
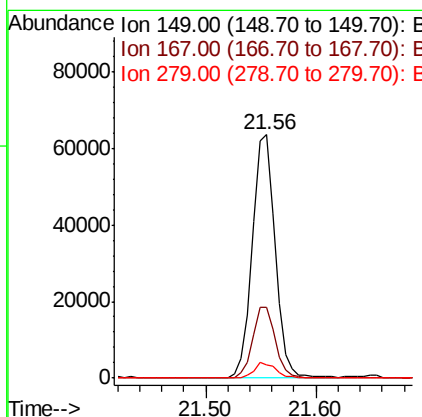
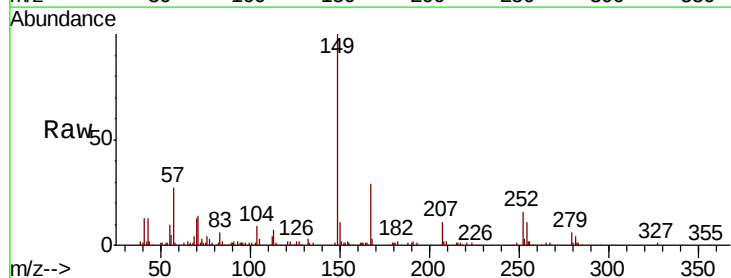
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.6	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.221 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG043290.D
 Acq: 21 Oct 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.9	35.9
279	5.7	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 10.522 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

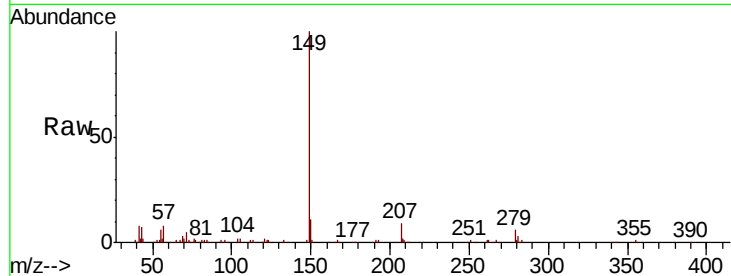
Tot Ion:149 Resp: 157343

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

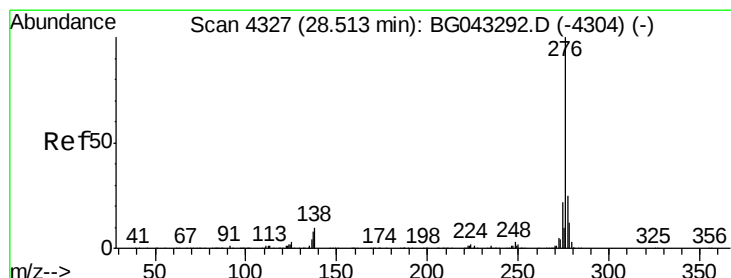
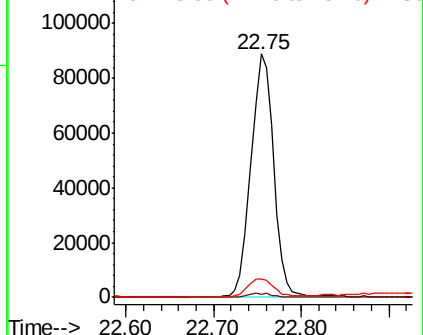
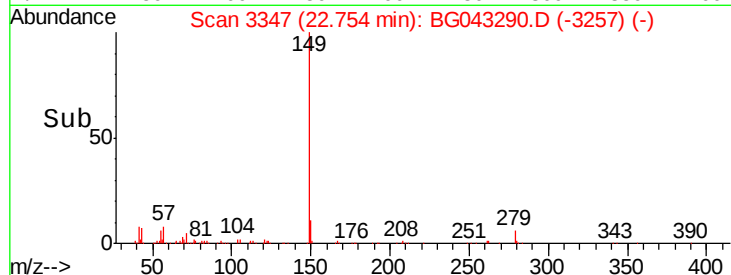
43 8.5 6.9 10.3



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: 9.879 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

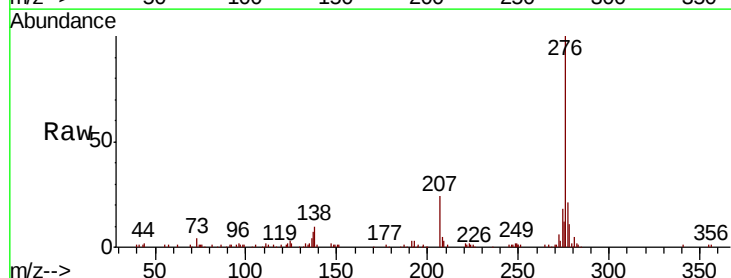
Tgt Ion:276 Resp: 210964

Ion Ratio Lower Upper

276 100

138 6.9 7.2 10.8#

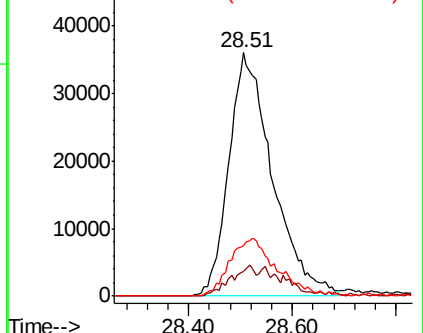
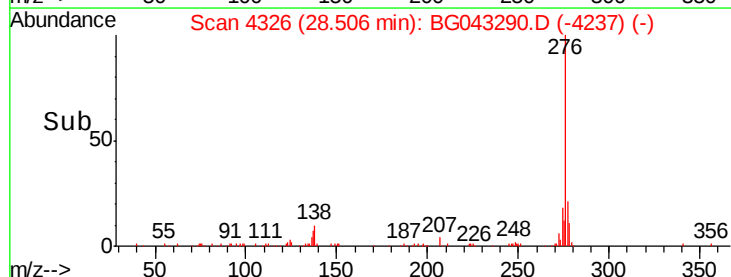
277 25.2 20.9 31.3

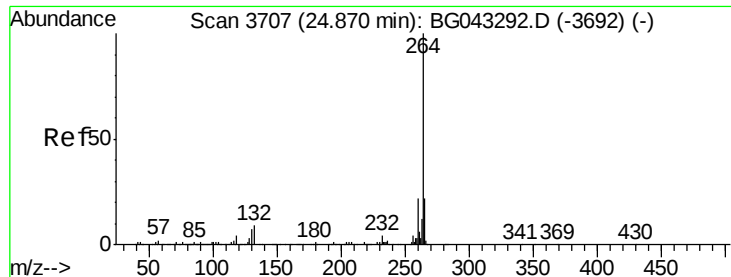


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

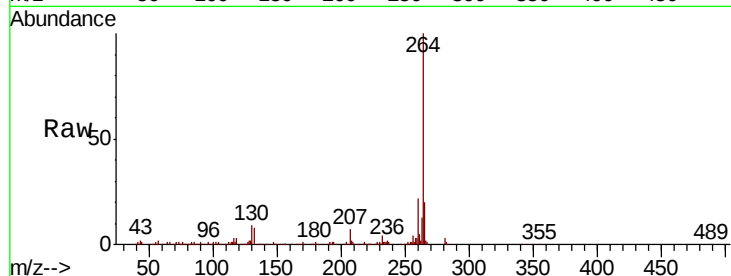
Tot Ion:264 Resp: 318115

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

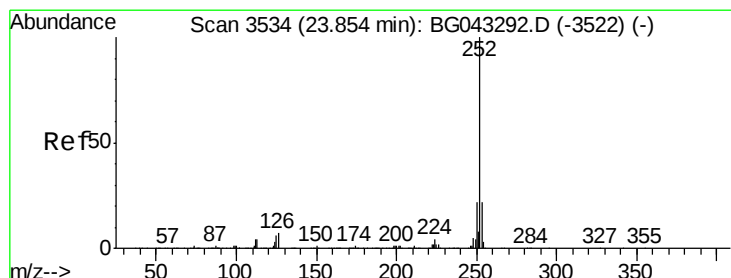
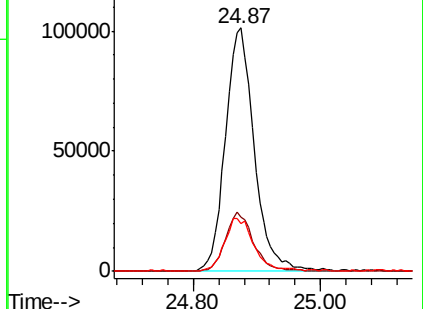
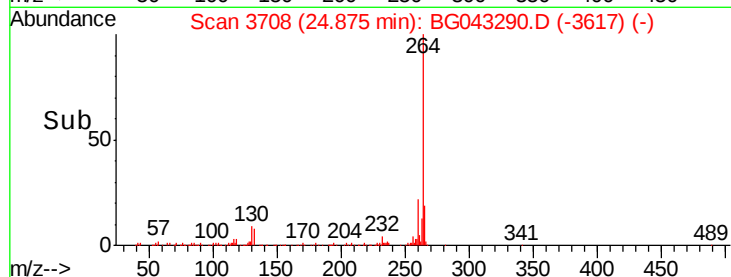
265 19.7 17.4 26.2



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: 10.649 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.07 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

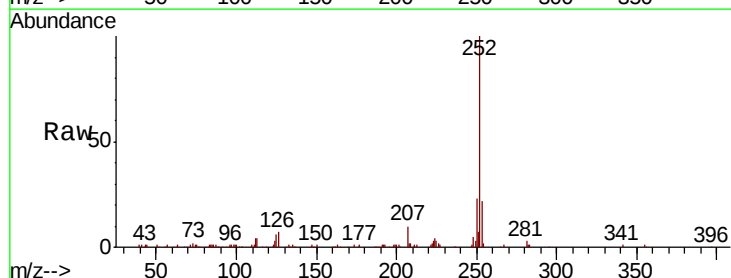
Tgt Ion:252 Resp: 191686

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

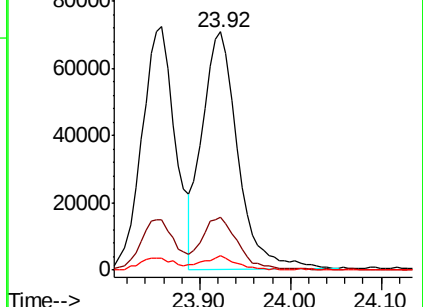
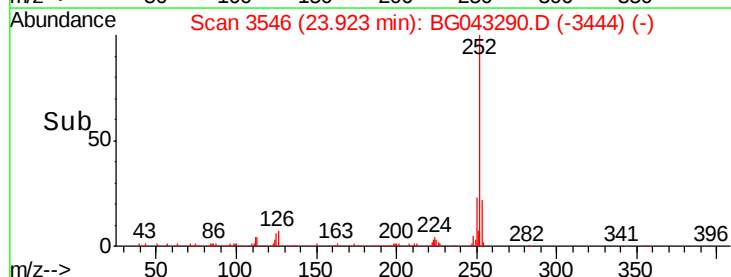
125 5.9 5.0 7.6

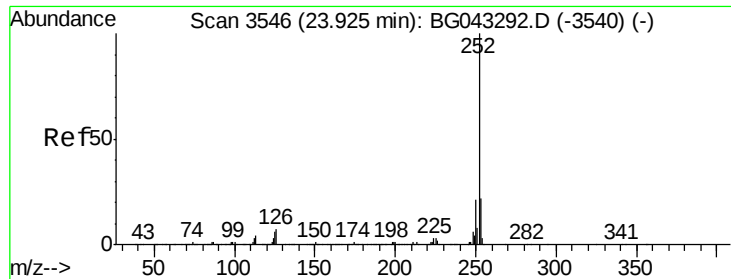


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 10.765 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

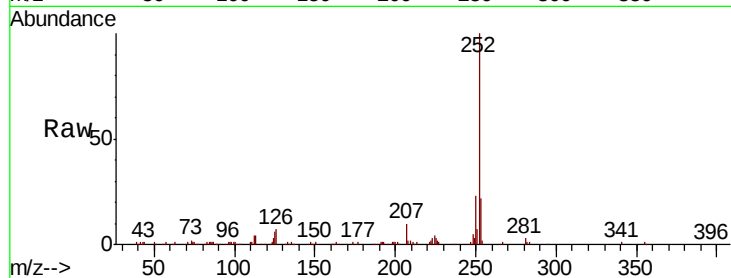
Tot Ion:252 Resp: 191686

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 5.9 4.5 6.7

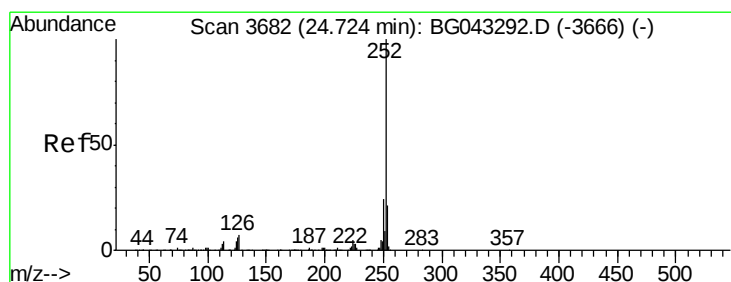
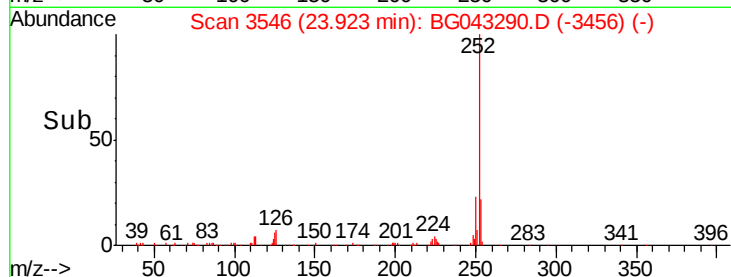
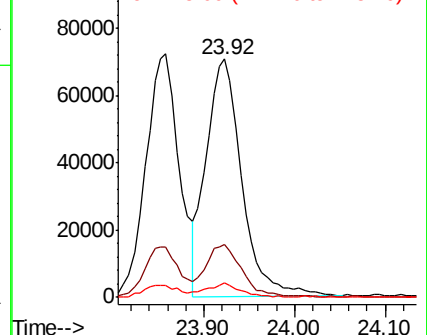


Abundance

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



#90

Benzo(a)pyrene

Concen: 10.335 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

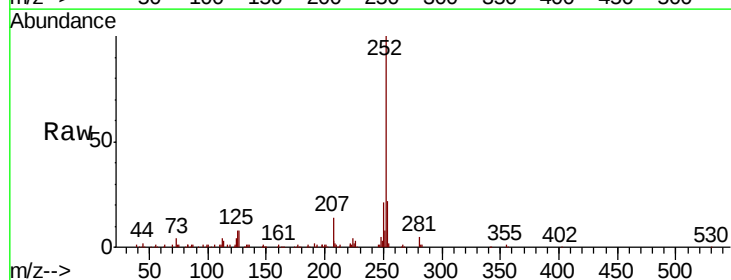
Tgt Ion:252 Resp: 175511

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 7.7 5.0 7.6#

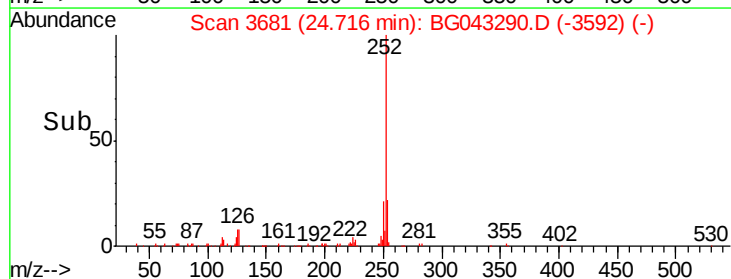
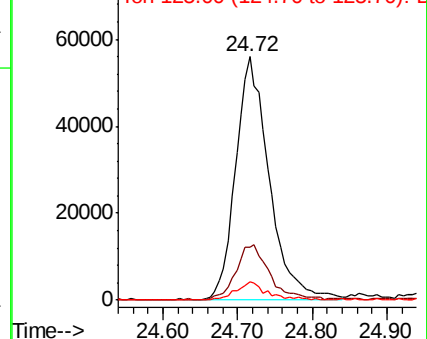


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 9.884 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

Instrument :

BNA_G

ClientSampleId :

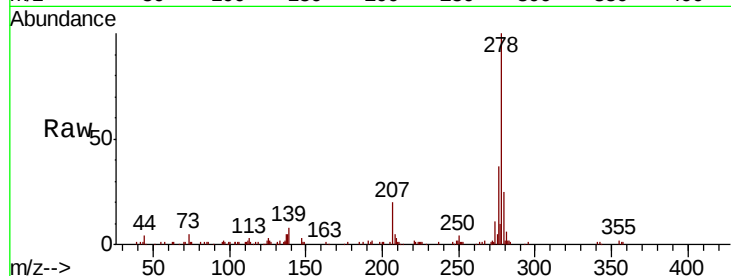
Tot Ion:278 Resp: 172119

Ion Ratio Lower Upper

278 100

139 7.5 6.8 10.2

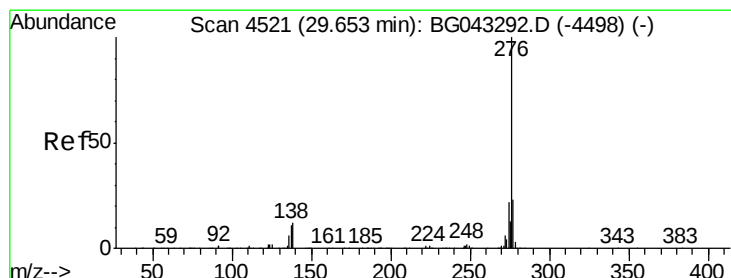
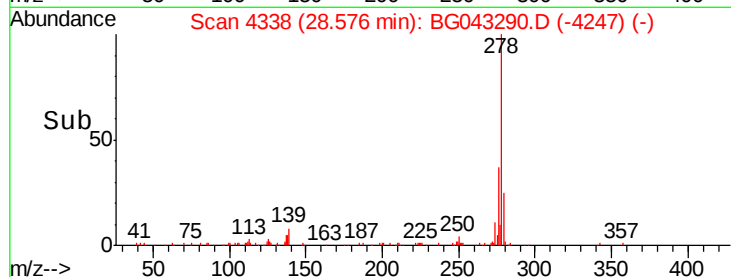
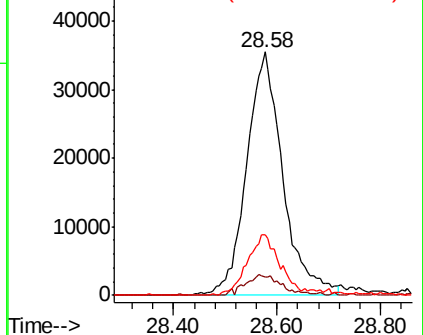
279 25.1 19.0 28.6



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: 10.431 ng

RT: 29.65 min Scan# 4521

Delta R.T. -0.00 min

Lab File: BG043290.D

Acq: 21 Oct 2019 9:50

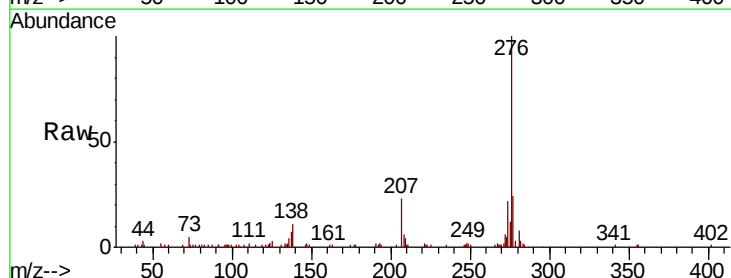
Tgt Ion:276 Resp: 175991

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 10.9 9.3 13.9



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

