

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043300.D
 Acq On : 22 Oct 2019 10:32
 Operator : JU
 Sample : PB123945BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Quant Time: Oct 22 11:25:32 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 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29813	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118300	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88083	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	210526	20.00	ng	0.00
76) Chrysene-d12	21.67	240	261143	20.00	ng	0.00
87) Perylene-d12	24.87	264	296015	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	214705	131.97	ng	0.00
7) Phenol-d6	7.20	99	285718	122.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	144891	63.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	190142	113.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	402246	63.10	ng	0.00
79) Terphenyl-d14	20.01	244	884526	63.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	25103	39.594	ng	# 90
3) Pyridine	3.89	79	59381	37.129	ng	95
4) n-Nitrosodimethylamine	3.80	42	38773	48.044	ng	90
6) Aniline	7.36	93	99650	36.955	ng	98
8) 2-Chlorophenol	7.60	128	85292	47.491	ng	95
9) Benzaldehyde	7.16	77	48276	41.966	ng	92
10) Phenol	7.23	94	103692	48.477	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	69193	41.840	ng	94
12) 1,3-Dichlorobenzene	7.91	146	97827	43.475	ng	96
13) 1,4-Dichlorobenzene	8.06	146	97245	42.714	ng	98
14) 1,2-Dichlorobenzene	8.38	146	95801	43.097	ng	97
15) Benzyl Alcohol	8.27	79	74481	45.306	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100501	41.794	ng	95
17) 2-Methylphenol	8.48	107	72234	46.324	ng	97
18) Hexachloroethane	9.11	117	35405	43.104	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	61552	40.693	ng	99
20) 3+4-Methylphenols	8.81	107	95177	44.512	ng	91
22) Acetophenone	8.85	105	122872	40.558	ng	# 98
24) Nitrobenzene	9.23	77	93917	42.965	ng	93
25) Isophorone	9.75	82	180965	43.136	ng	99
26) 2-Nitrophenol	9.94	139	48410	45.872	ng	95
27) 2,4-Dimethylphenol	10.01	122	80874	53.468	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	97030	41.906	ng	# 93
29) 2,4-Dichlorophenol	10.49	162	89180	46.016	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	104837	42.920	ng	96
31) Naphthalene	10.88	128	267024	44.468	ng	98
32) Benzoic acid	10.15	122	34881	33.557	ng	97
33) 4-Chloroaniline	11.00	127	61100	24.823	ng	96
34) Hexachlorobutadiene	11.17	225	73202	40.541	ng	95
35) Caprolactam	11.76	113	10682	16.004	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	95584	45.216	ng	94
37) 2-Methylnaphthalene	12.49	142	203149	44.092	ng	97
38) 1-Methylnaphthalene	12.70	142	193035	44.033	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131043	40.199	ng	# 98

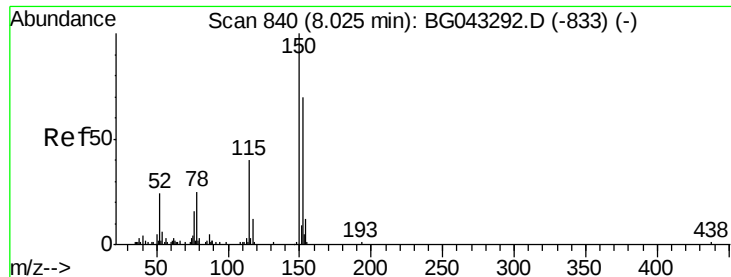
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
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Quant Time: Oct 22 11:25:32 2019
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174693	102.016	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	83493	43.492	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	88066	45.376	ng	95
46) 1,1'-Biphenyl	13.49	154	272195	40.621	ng	99
47) 2-Chloronaphthalene	13.53	162	212974	41.772	ng	98
48) 2-Nitroaniline	13.74	65	62236	40.842	ng	98
49) Acenaphthylene	14.38	152	348606	43.932	ng	97
50) Dimethylphthalate	14.11	163	287667	42.164	ng	99
51) 2,6-Dinitrotoluene	14.22	165	64282	43.369	ng	93
52) Acenaphthene	14.72	154	206970	42.771	ng	99
53) 3-Nitroaniline	14.57	138	43749	30.571	ng	99
54) 2,4-Dinitrophenol	14.77	184	73487	79.452	ng	94
55) Dibenzofuran	15.05	168	337471	43.004	ng	99
56) 4-Nitrophenol	14.88	139	92334	96.283	ng	96
57) 2,4-Dinitrotoluene	15.01	165	89453	42.230	ng	97
58) Fluorene	15.70	166	281544	42.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	92433	44.826	ng	# 99
60) Diethylphthalate	15.46	149	286382	41.775	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	159751	41.606	ng	93
62) 4-Nitroaniline	15.72	138	61360	41.518	ng	94
63) Azobenzene	15.98	77	240553	43.358	ng	95
65) 4,6-Dinitro-2-methylphenol	15.78	198	56542	45.637	ng	94
66) n-Nitrosodiphenylamine	15.91	169	251453	42.306	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	117165	41.354	ng	97
68) Hexachlorobenzene	16.71	284	127635	39.246	ng	99
69) Atrazine	16.86	200	113827	55.114	ng	96
70) Pentachlorophenol	17.06	266	139113	93.875	ng	95
71) Phenanthrene	17.44	178	463575	43.001	ng	98
72) Anthracene	17.53	178	481117	44.605	ng	99
73) Carbazole	17.80	167	434358	44.469	ng	99
74) Di-n-butylphthalate	18.36	149	528957	44.632	ng	99
75) Fluoranthene	19.45	202	648012	46.107	ng	99
77) Benzidine	19.63	184	314283	59.800	ng	99
78) Pyrene	19.81	202	660645	40.870	ng	99
80) Butylbenzylphthalate	20.69	149	253038	41.319	ng	97
81) Benzo(a)anthracene	21.65	228	699820	42.782	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	207933	32.865	ng	99
83) Chrysene	21.72	228	674262	41.486	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	365507	42.016	ng	98
85) Di-n-octyl phthalate	22.75	149	624974	42.345	ng	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	866220	42.459	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	721229	43.019	ng	97
89) Benzo(k)fluoranthene	23.92	252	744375	44.104	ng	99
90) Benzo(a)pyrene	24.71	252	688085	42.979	ng	98
91) Dibenzo(a,h)anthracene	28.57	278	731031	44.642	ng	99
92) Benzo(g,h,i)perylene	29.65	276	726122	44.953	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

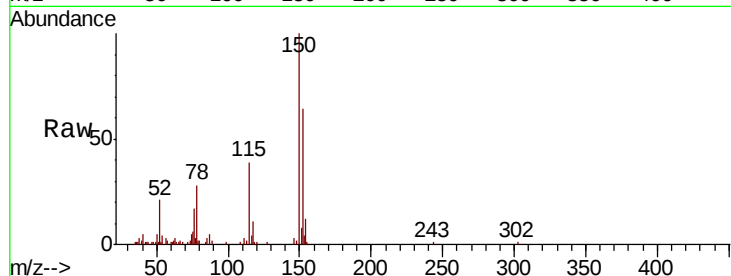
Tot Ion:152 Resp: 29813

Ion Ratio Lower Upper

152 100

150 155.7 113.6 170.4

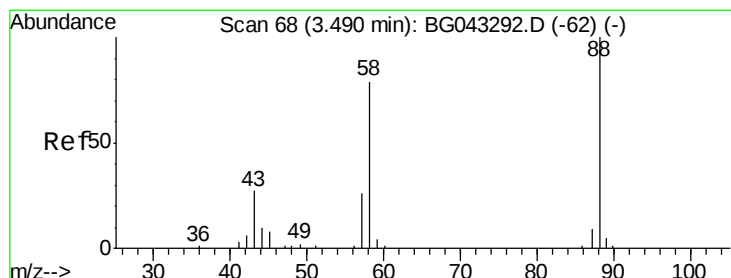
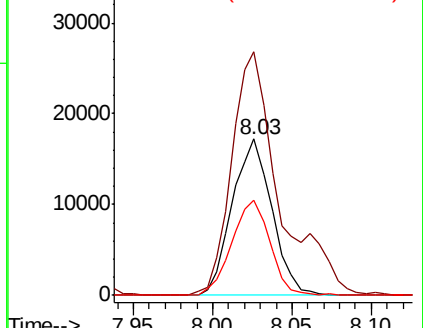
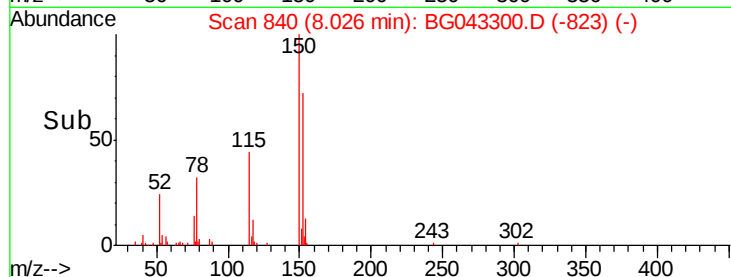
115 60.7 45.9 68.9



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: 39.594 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

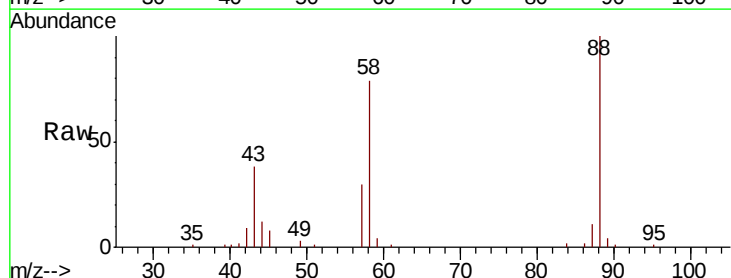
Tgt Ion: 88 Resp: 25103

Ion Ratio Lower Upper

88 100

58 82.9 60.2 90.2

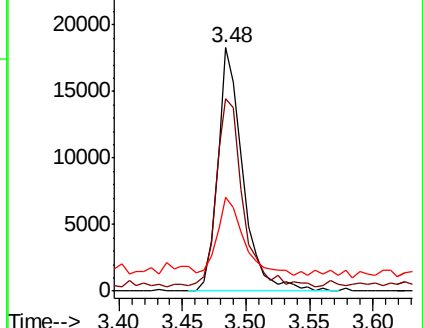
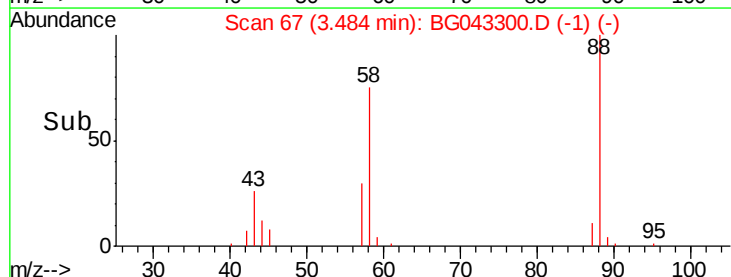
43 34.3 22.7 34.1#

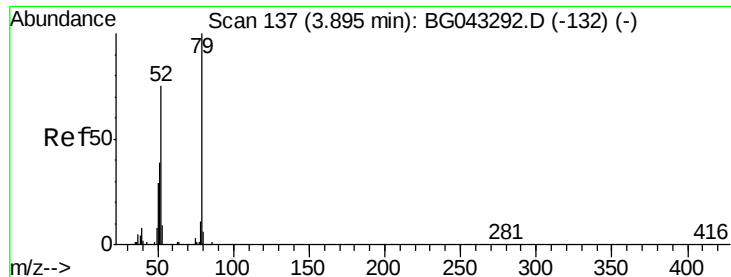


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.129 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

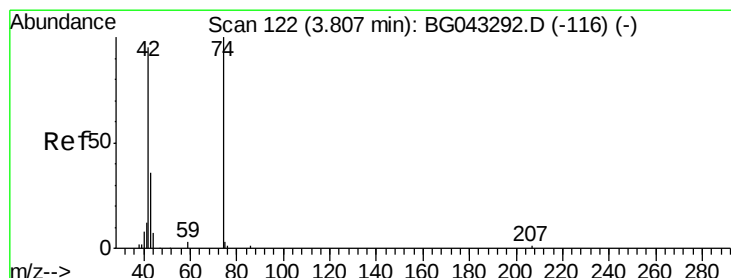
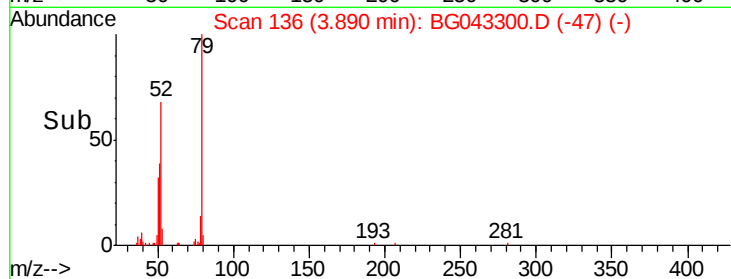
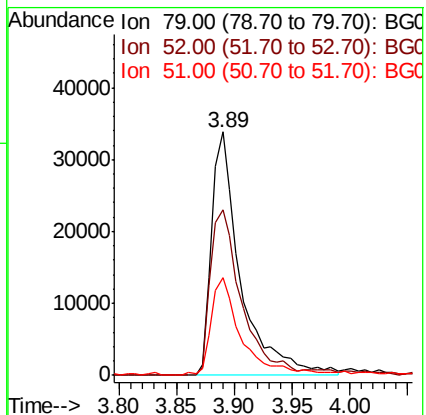
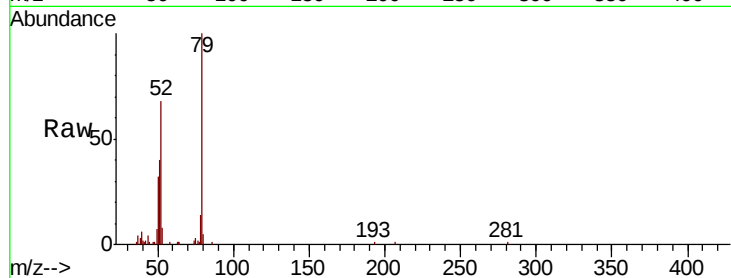
Tot Ion: 79 Resp: 59381

Ion Ratio Lower Upper

79 100

52 67.8 59.7 89.5

51 39.9 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 48.044 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

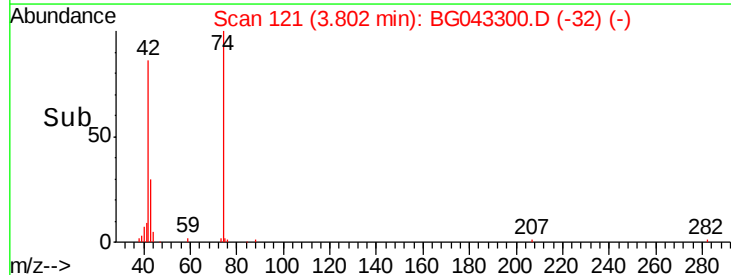
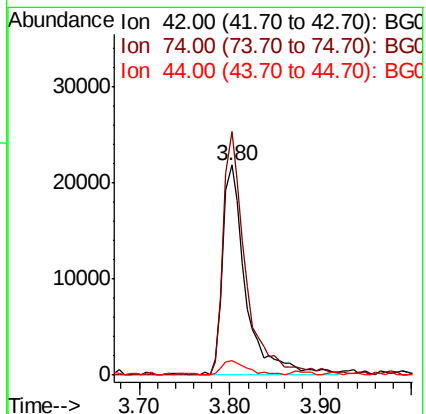
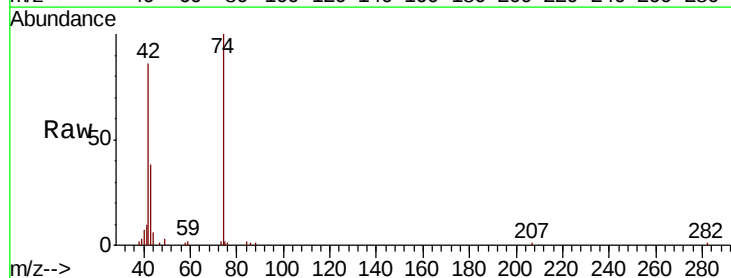
Tgt Ion: 42 Resp: 38773

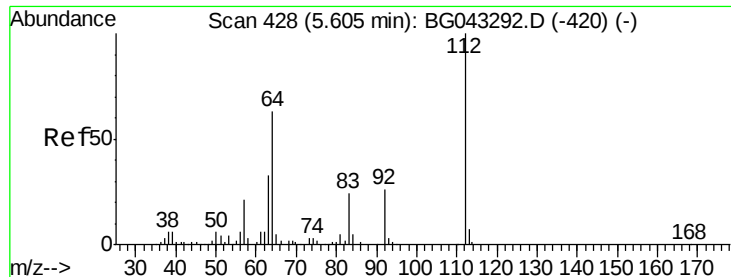
Ion Ratio Lower Upper

42 100

74 115.8 84.2 126.2

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 131.968 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

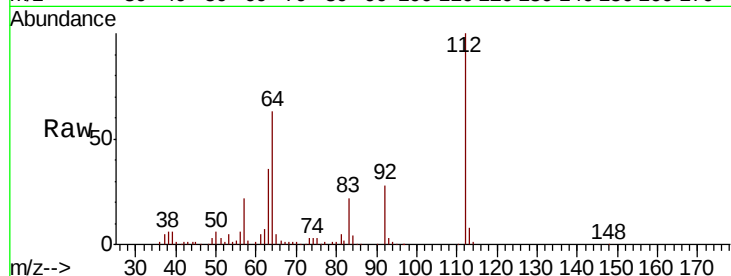
Tot Ion:112 Resp: 214705

Ion Ratio Lower Upper

112 100

64 63.0 50.2 75.2

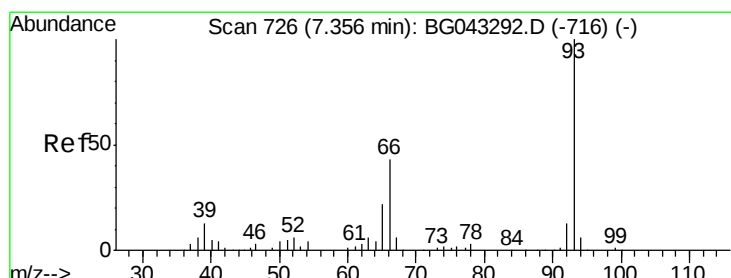
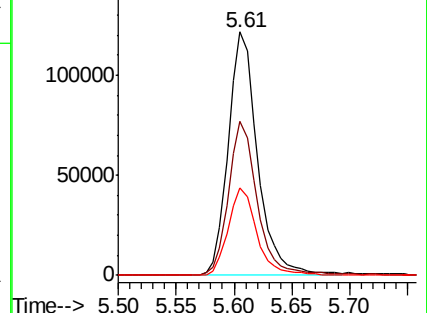
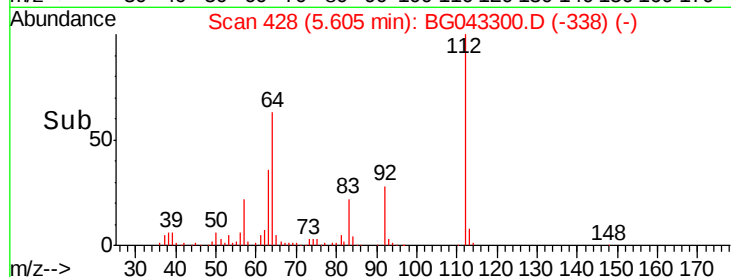
63 36.1 26.7 40.1



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: 36.955 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

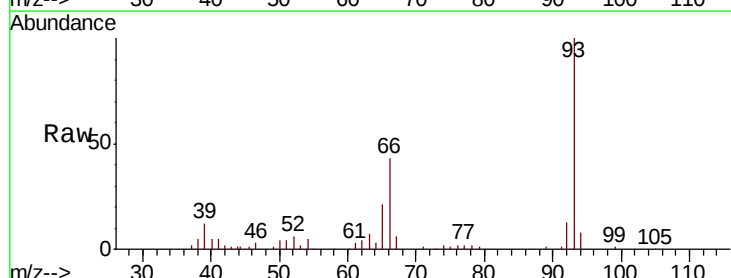
Tgt Ion: 93 Resp: 99650

Ion Ratio Lower Upper

93 100

66 42.8 34.5 51.7

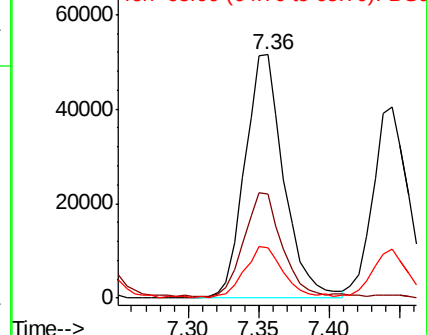
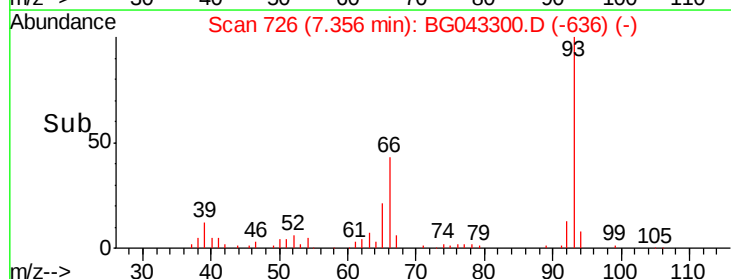
65 20.6 18.0 27.0

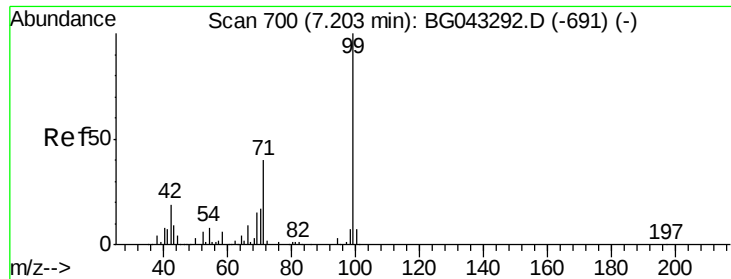


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.060 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

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ClientSampleId :

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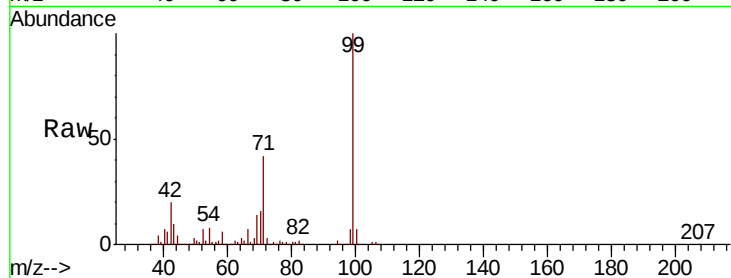
Tot Ion: 99 Resp: 285718

Ion Ratio Lower Upper

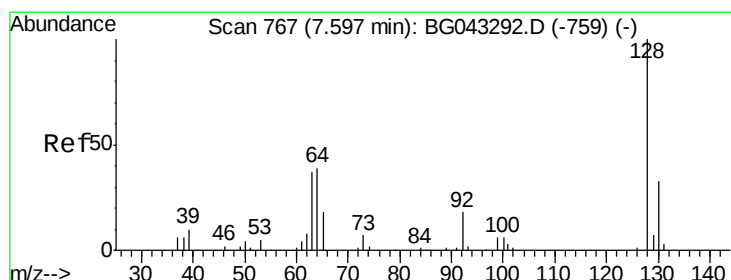
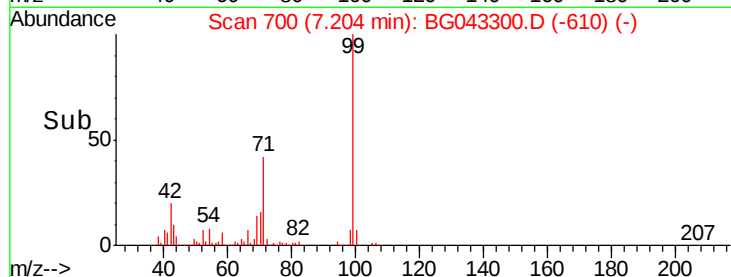
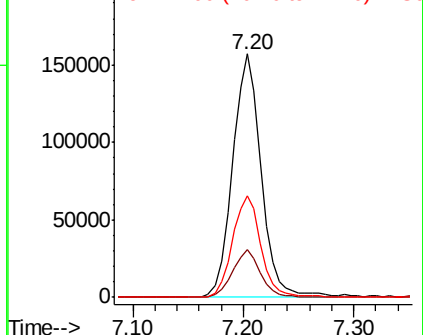
99 100

42 19.7 14.9 22.3

71 41.7 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: 47.491 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

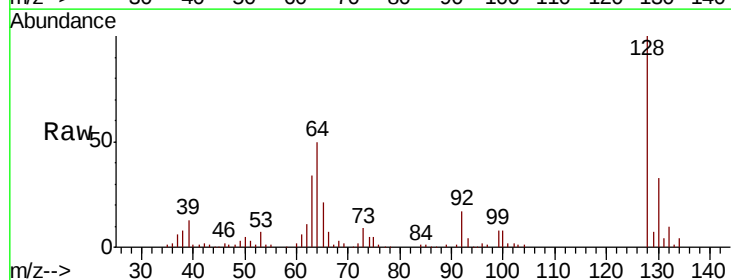
Tgt Ion: 128 Resp: 85292

Ion Ratio Lower Upper

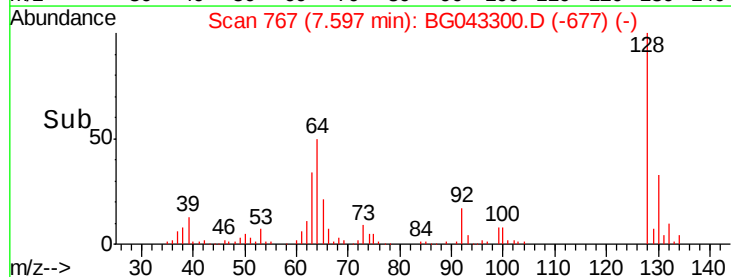
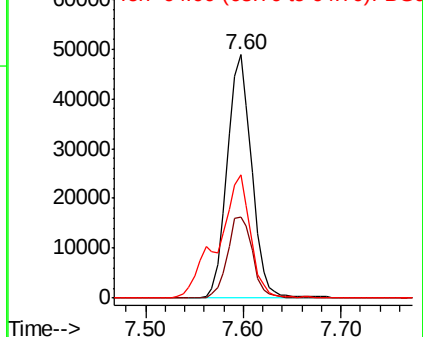
128 100

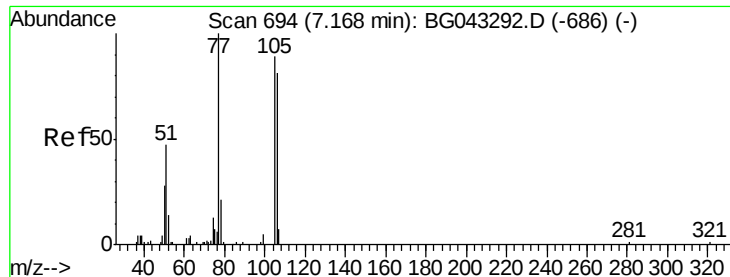
130 33.2 12.9 52.9

64 50.4 24.9 64.9



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





#9

Benzaldehyde

Concen: 41.966 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

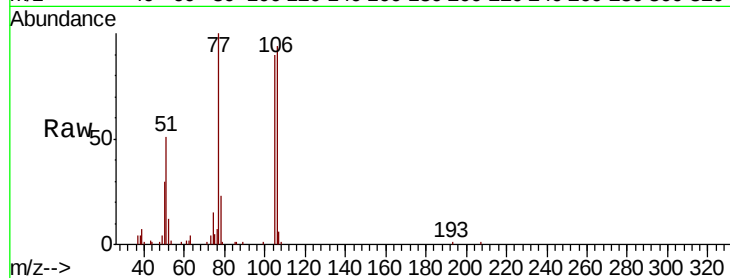
Tot Ion: 77 Resp: 48276

Ion Ratio Lower Upper

77 100

105 89.6 68.7 108.7

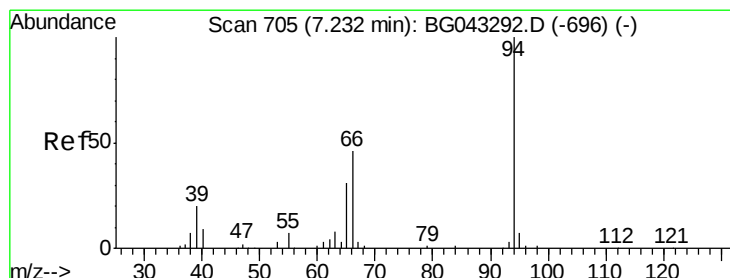
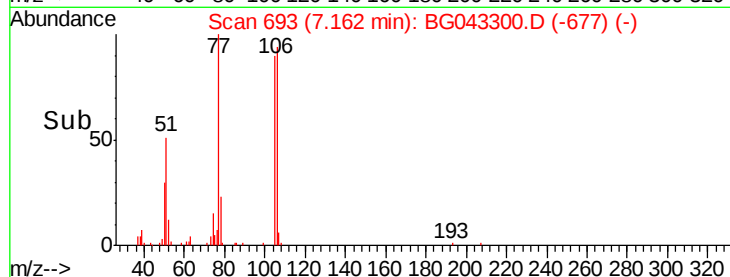
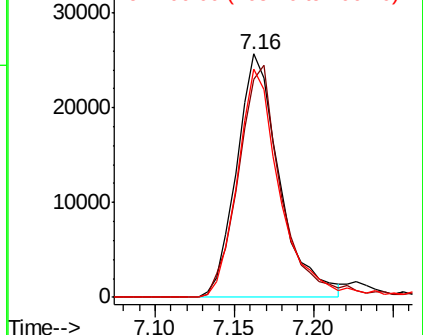
106 93.6 60.5 100.5



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: 48.477 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

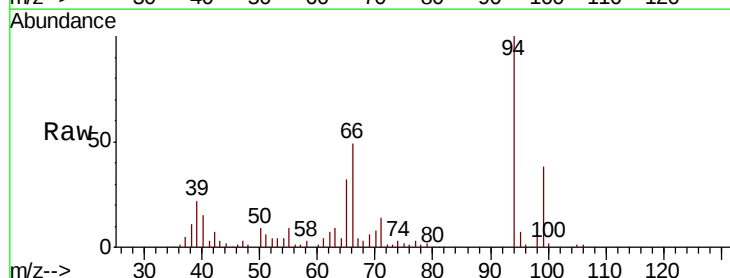
Tgt Ion: 94 Resp: 103692

Ion Ratio Lower Upper

94 100

65 31.8 11.1 51.1

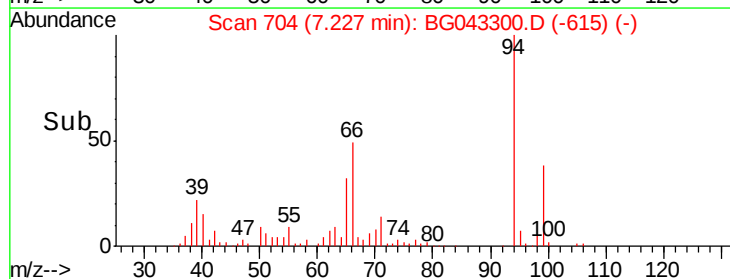
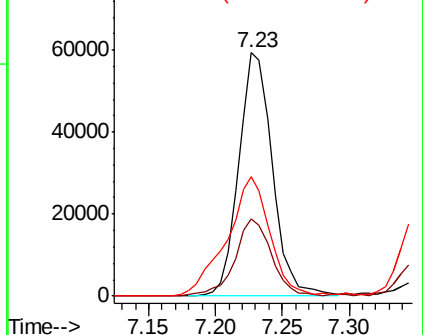
66 49.2 27.8 67.8

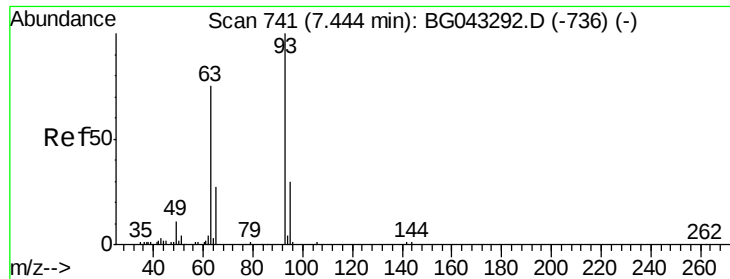


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

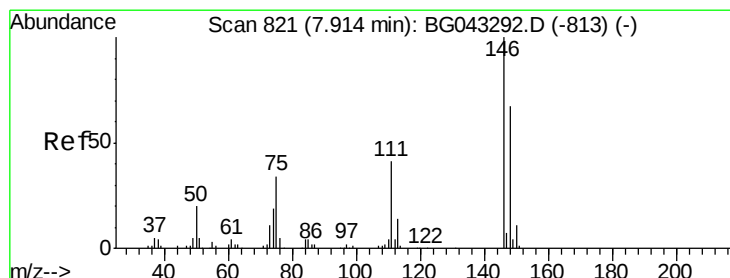
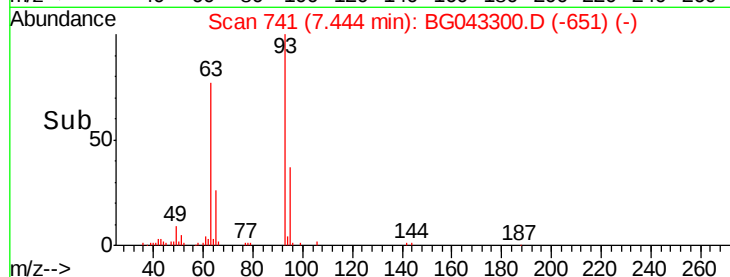
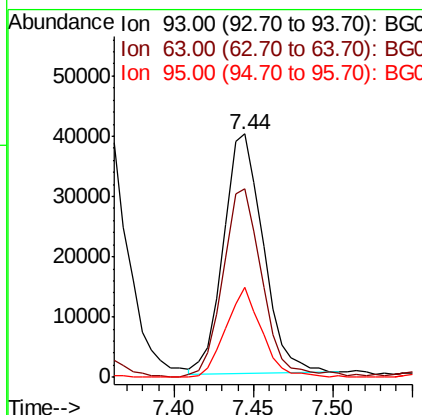
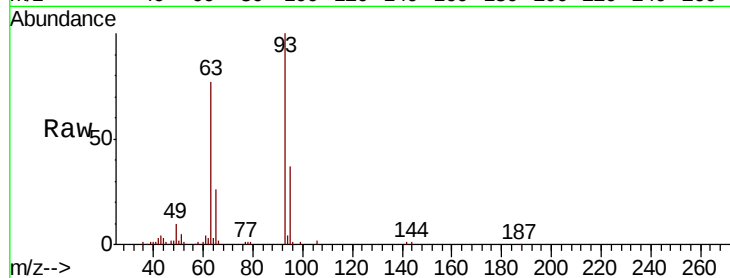




#11
bis(2-Chloroethyl)ether
Concen: 41.840 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

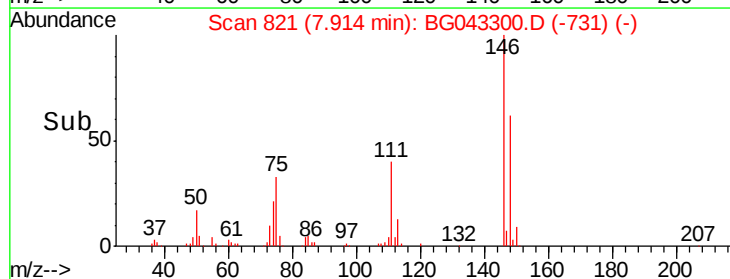
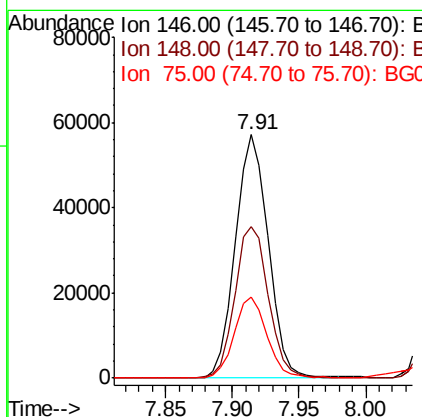
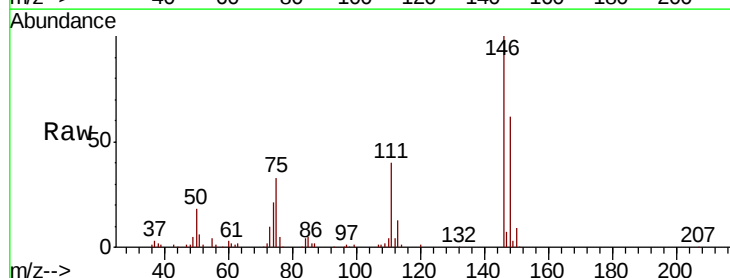
Instrument :
BNA_G
ClientSampleId :
PB123945BS

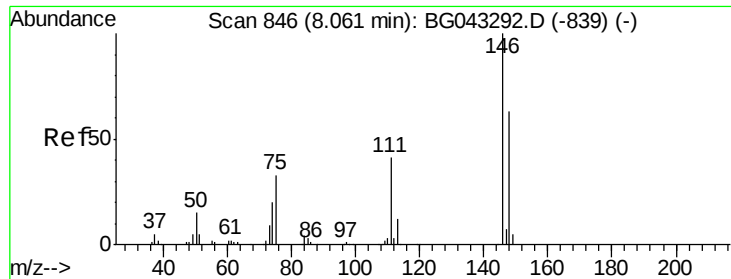
Tot Ion: 93 Resp: 69193
Ion Ratio Lower Upper
93 100
63 77.4 54.6 94.6
95 36.9 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 43.475 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion: 146 Resp: 97827
Ion Ratio Lower Upper
146 100
148 62.1 53.4 80.2
75 33.2 27.0 40.4

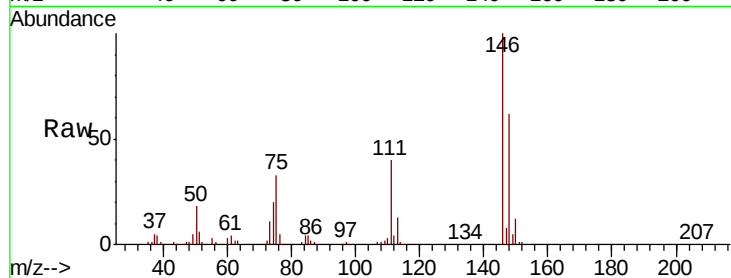




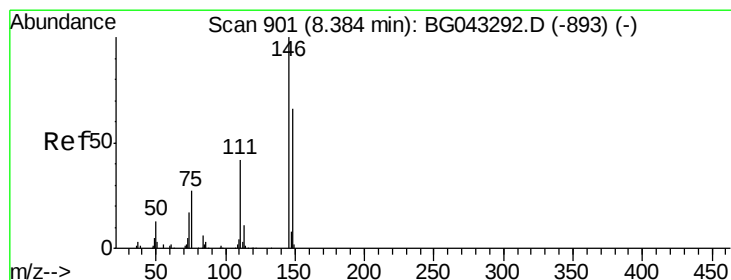
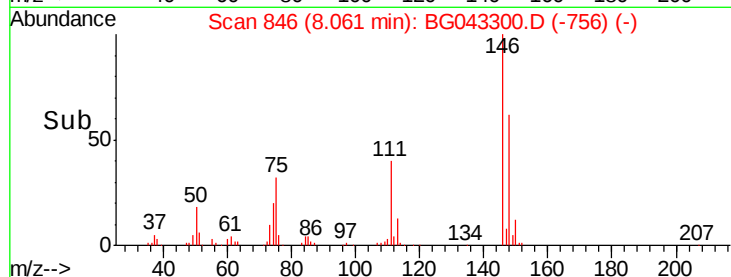
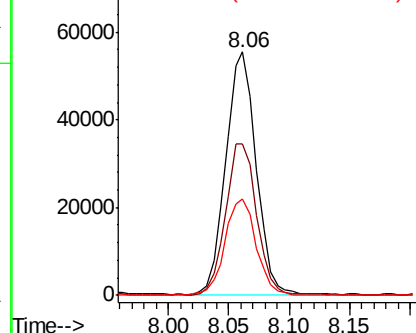
#13
 1,4-Dichlorobenzene
 Concen: 42.714 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Tot Ion:146 Resp: 97245
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.7 76.1
 111 39.6 33.0 49.6

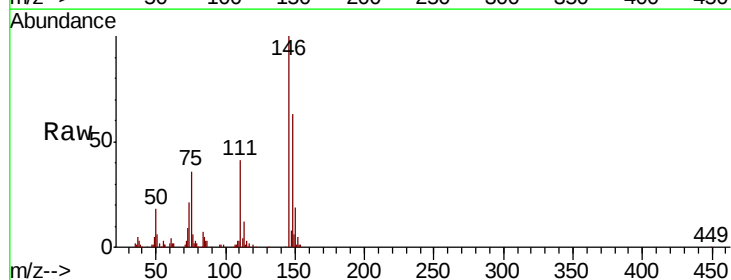


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

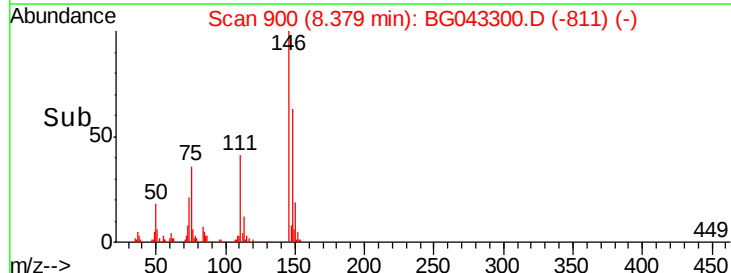
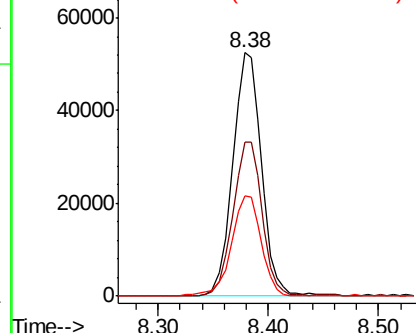


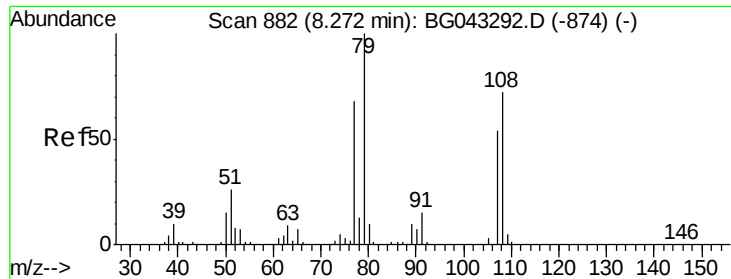
#14
 1,2-Dichlorobenzene
 Concen: 43.097 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion:146 Resp: 95801
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.0 79.4
 111 41.4 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: 45.306 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

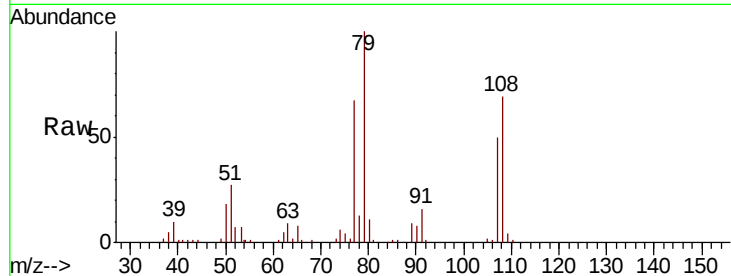
Tot Ion: 79 Resp: 74481

Ion Ratio Lower Upper

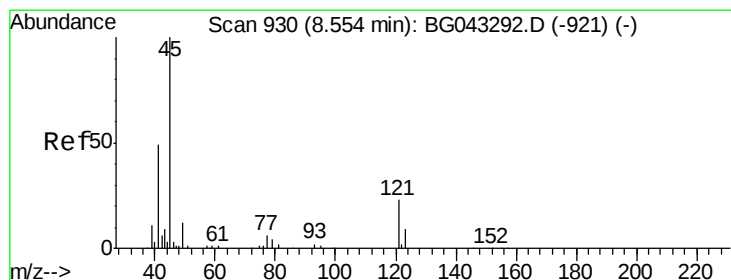
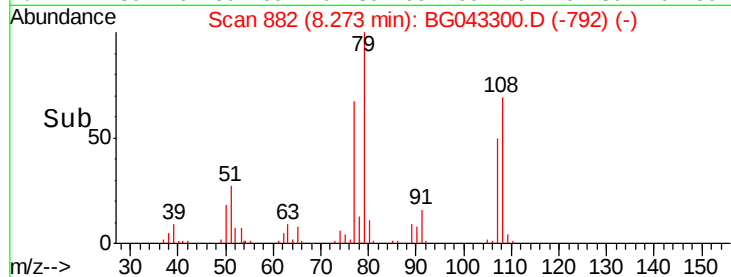
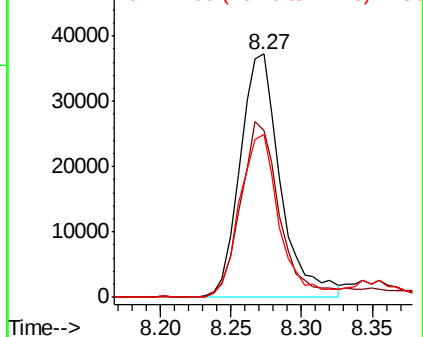
79 100

108 68.6 57.3 85.9

77 67.2 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.794 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

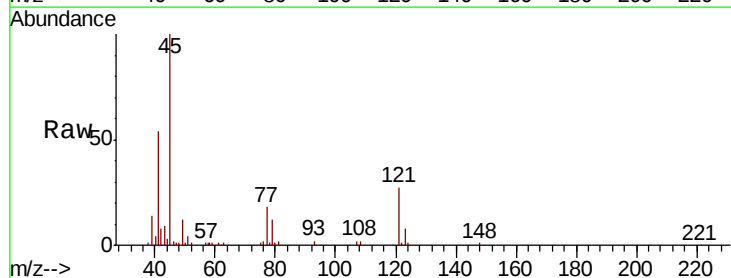
Tgt Ion: 45 Resp: 100501

Ion Ratio Lower Upper

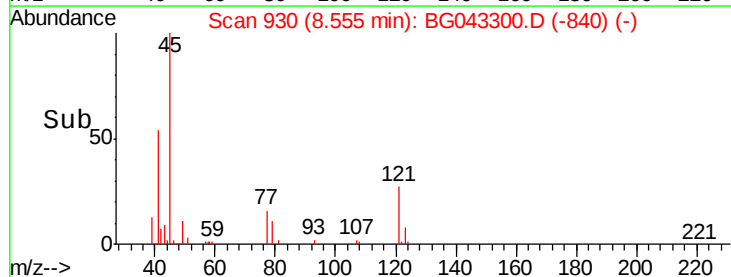
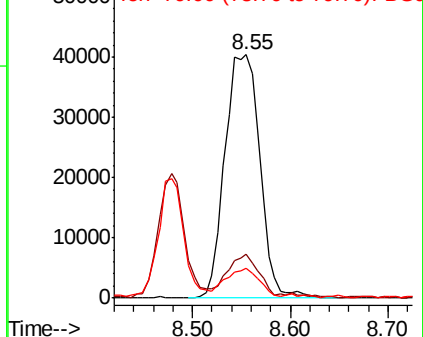
45 100

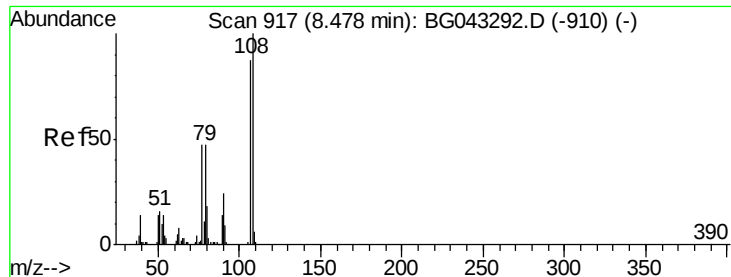
77 17.8 0.0 34.2

79 12.4 0.0 32.3



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





#17

2-Methylphenol

Concen: 46.324 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion:107 Resp: 72234

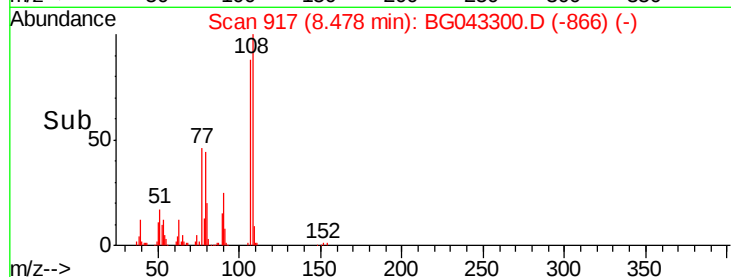
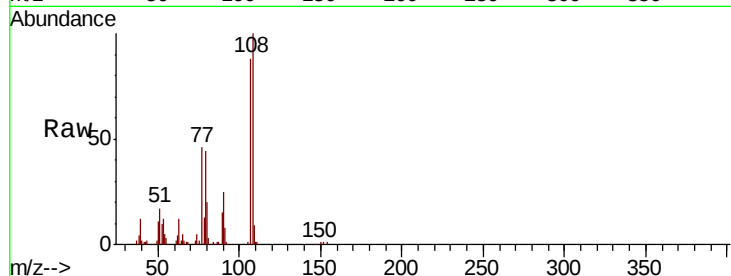
Ion Ratio Lower Upper

107 100

108 113.2 91.3 136.9

77 51.8 43.0 64.6

79 49.4 43.4 65.2

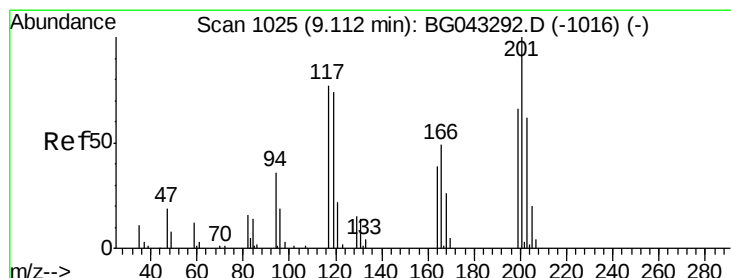
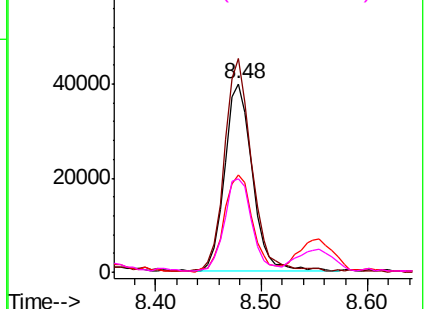


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.104 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

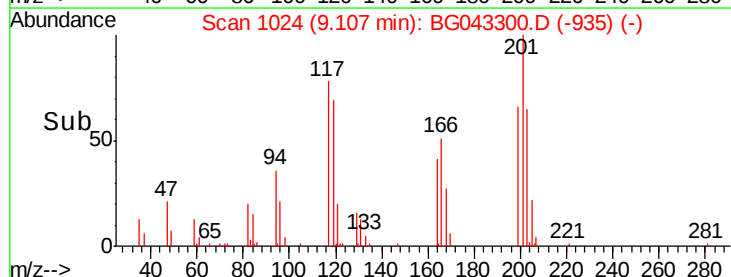
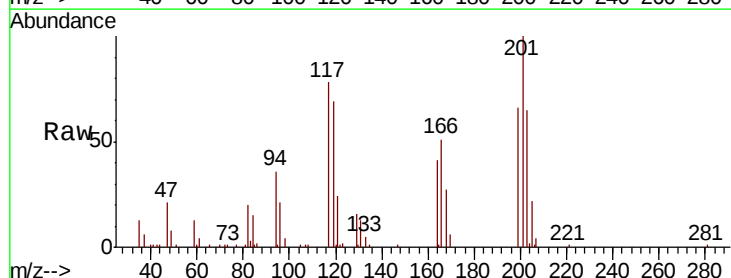
Tgt Ion:117 Resp: 35405

Ion Ratio Lower Upper

117 100

119 87.9 77.3 115.9

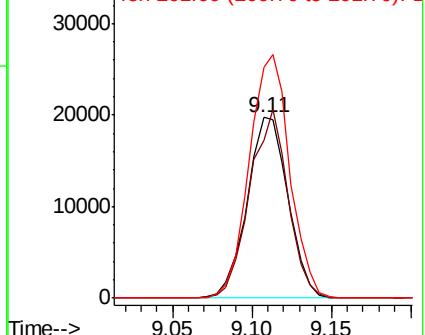
201 128.1 104.2 156.4

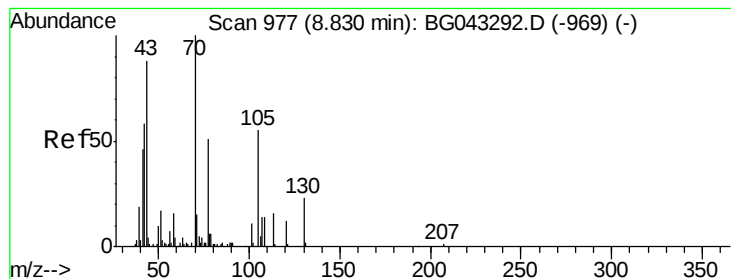


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.693 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion: 70 Resp: 61552

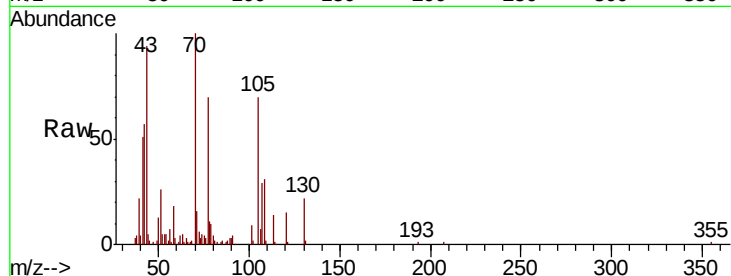
Ion Ratio Lower Upper

70 100

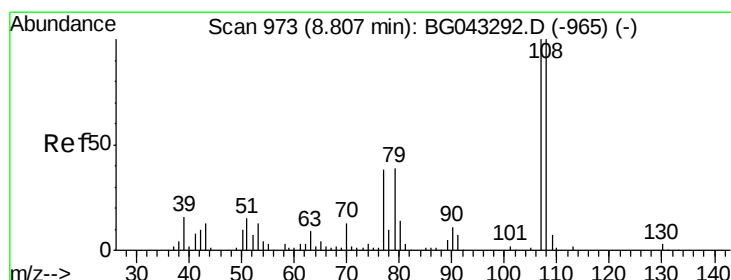
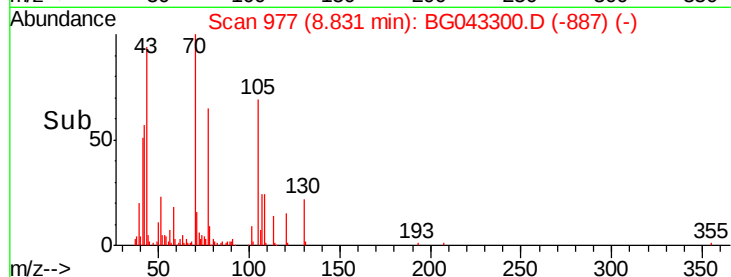
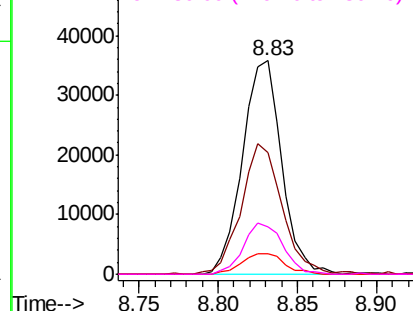
42 57.2 46.2 69.2

101 9.4 8.6 13.0

130 22.3 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: 44.512 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion: 107 Resp: 95177

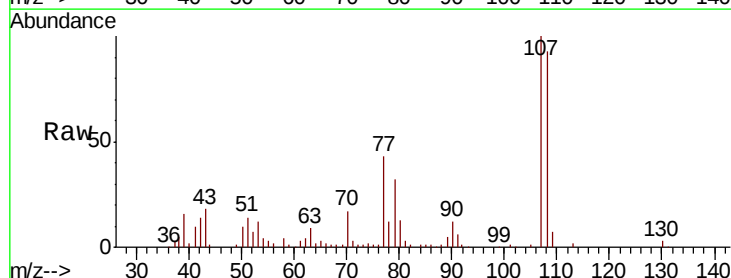
Ion Ratio Lower Upper

107 100

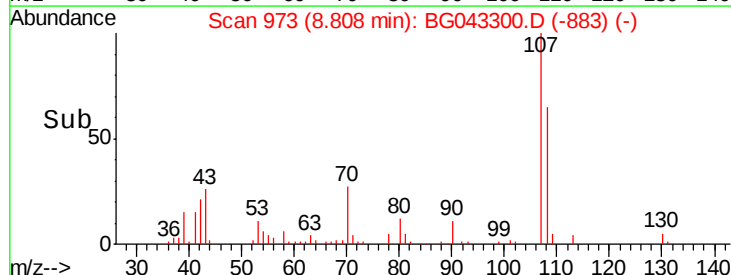
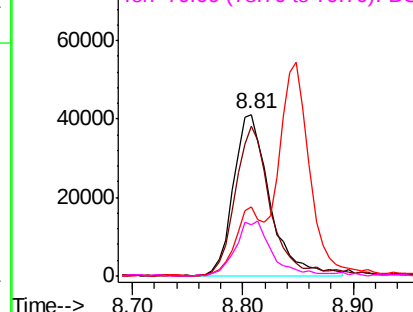
108 92.5 80.3 120.3

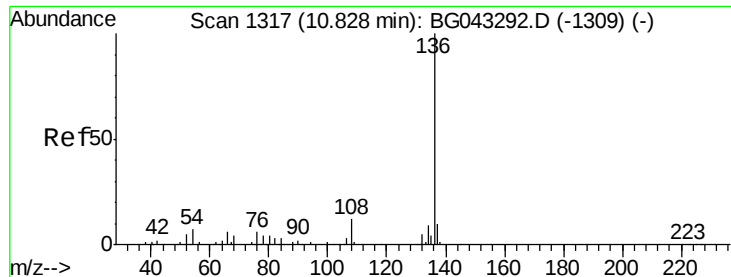
77 43.2 18.2 58.2

79 31.6 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# 1317

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion:136 Resp: 118300

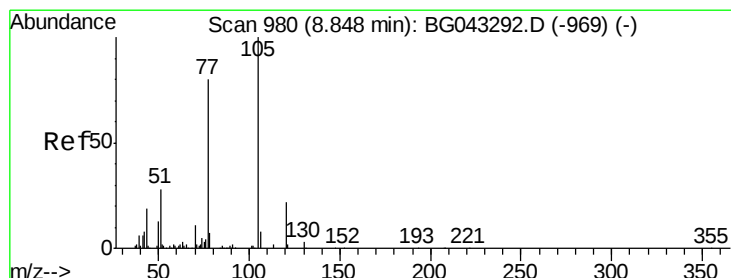
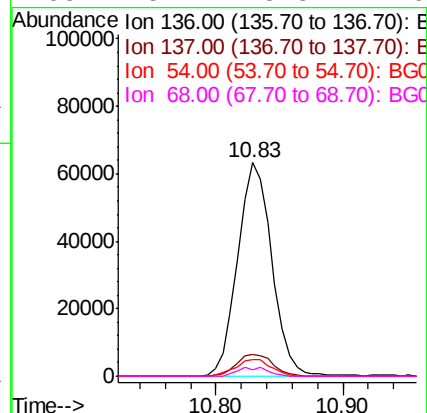
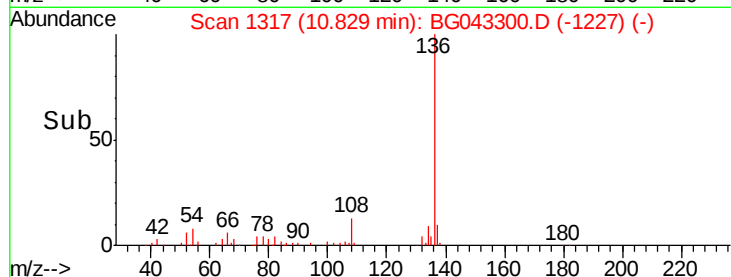
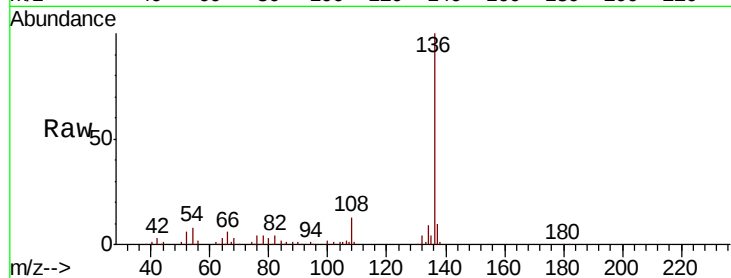
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.9 5.4 8.2

68 3.2 3.3 4.9#



#22

Acetophenone

Concen: 40.558 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:105 Resp: 122872

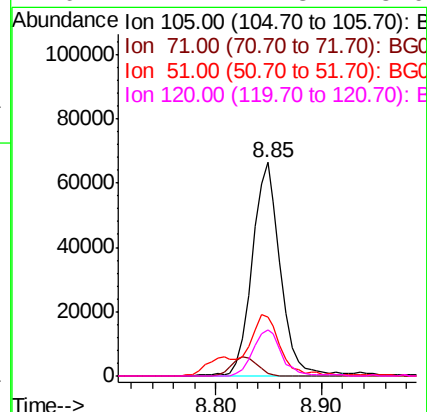
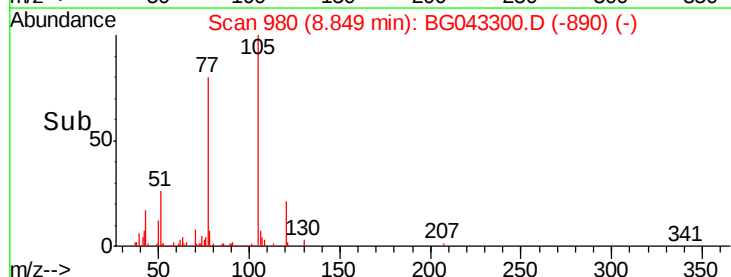
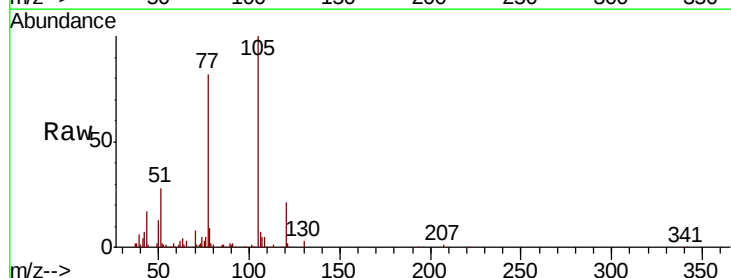
Ion Ratio Lower Upper

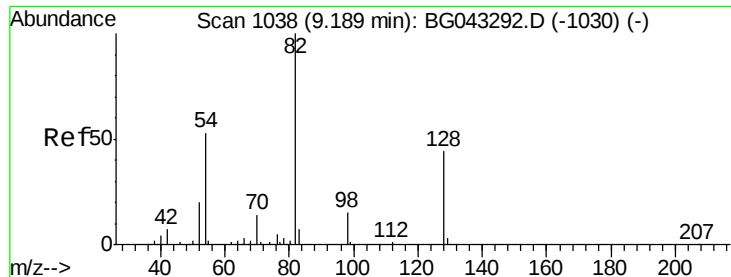
105 100

71 1.0 1.5 2.3#

51 27.8 23.9 35.9

120 21.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 63.143 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

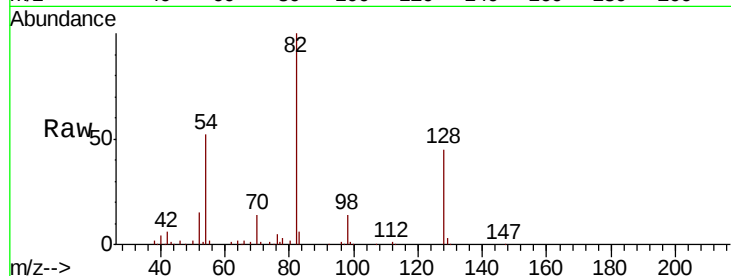
Tot Ion: 82 Resp: 144891

Ion Ratio Lower Upper

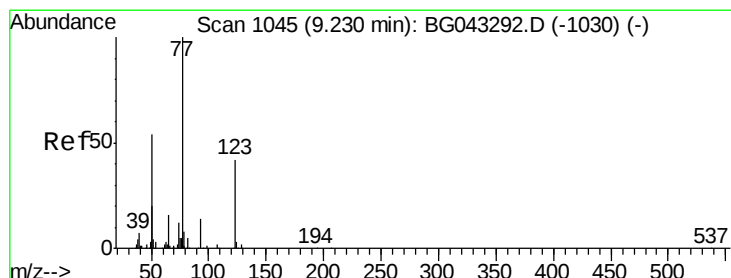
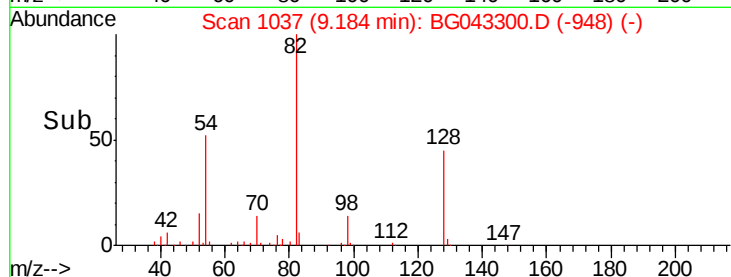
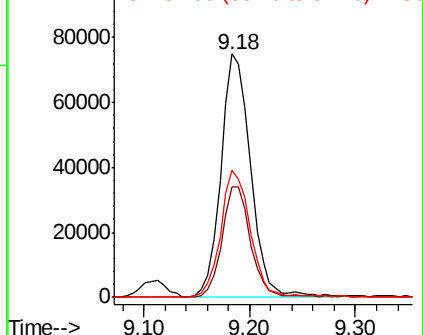
82 100

128 45.2 35.3 52.9

54 52.0 42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 42.965 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

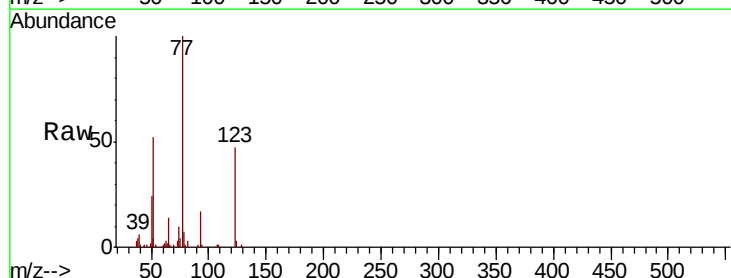
Tgt Ion: 77 Resp: 93917

Ion Ratio Lower Upper

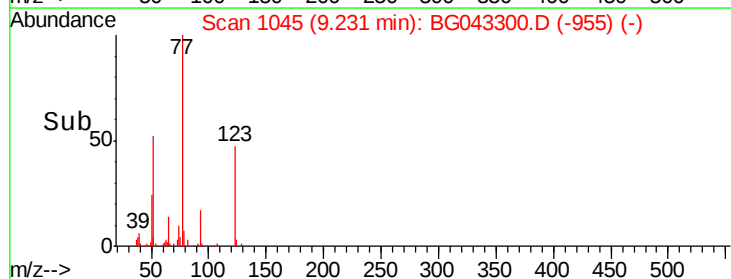
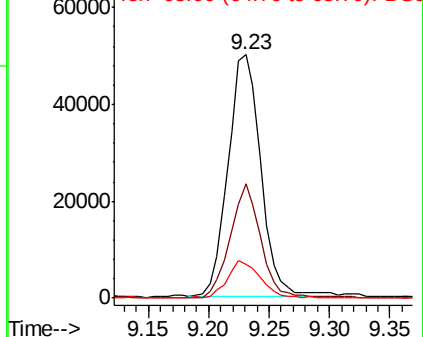
77 100

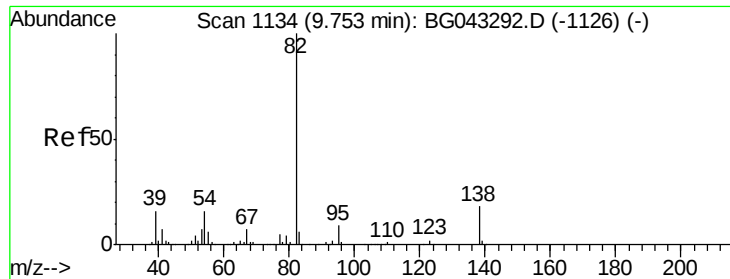
123 46.9 33.8 50.8

65 13.7 13.0 19.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.136 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

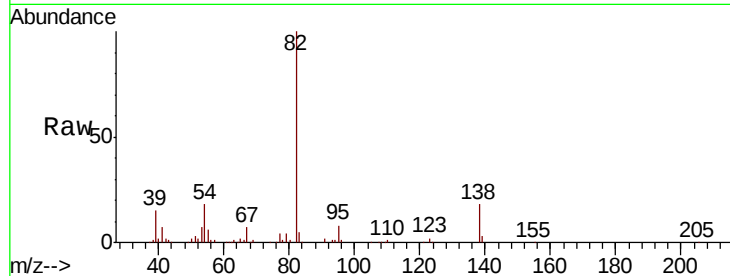
Tot Ion: 82 Resp: 180965

Ion Ratio Lower Upper

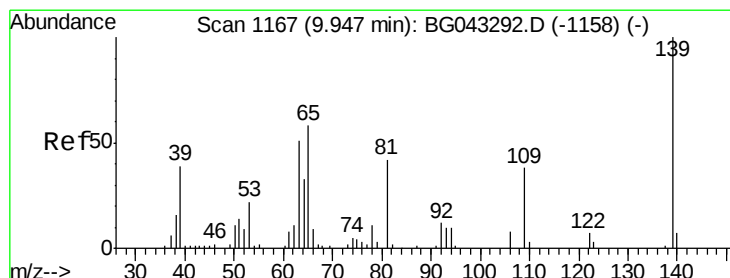
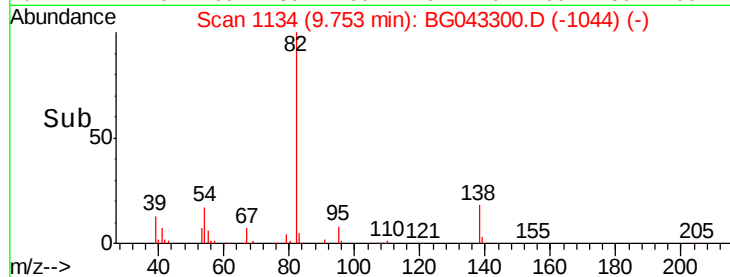
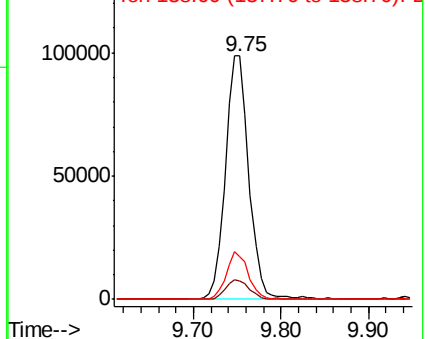
82 100

95 7.7 6.9 10.3

138 17.7 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: 45.872 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

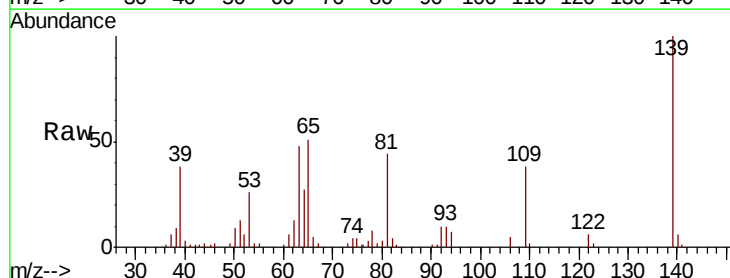
Tgt Ion: 139 Resp: 48410

Ion Ratio Lower Upper

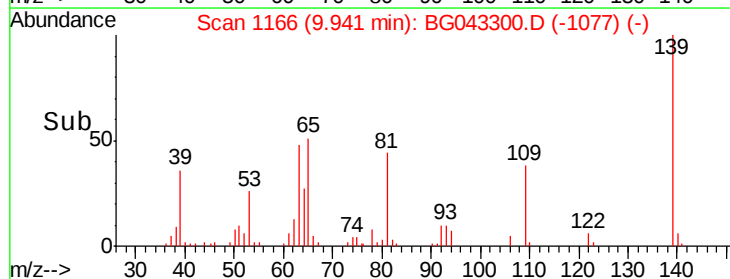
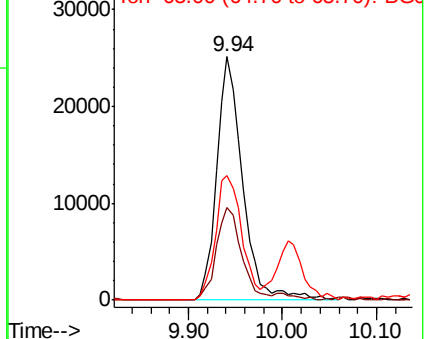
139 100

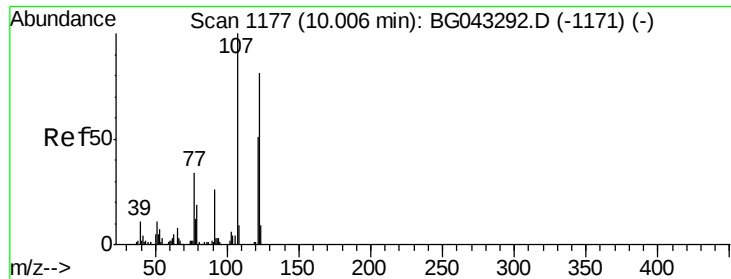
109 37.8 30.1 45.1

65 51.1 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

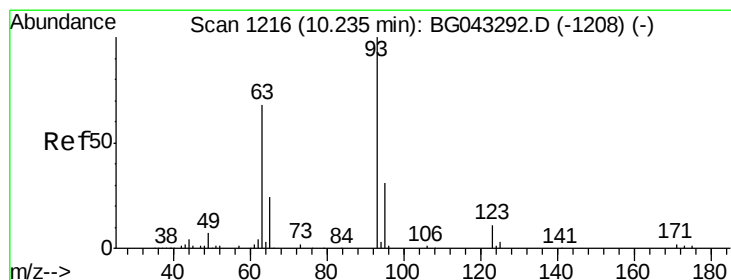
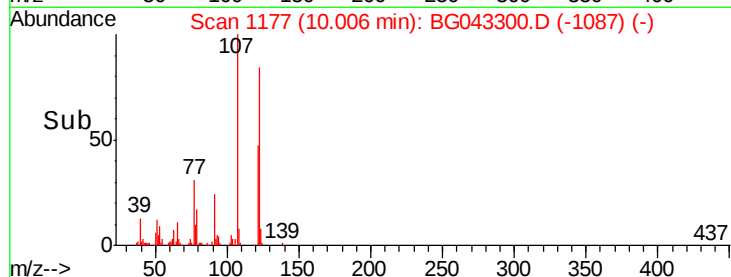
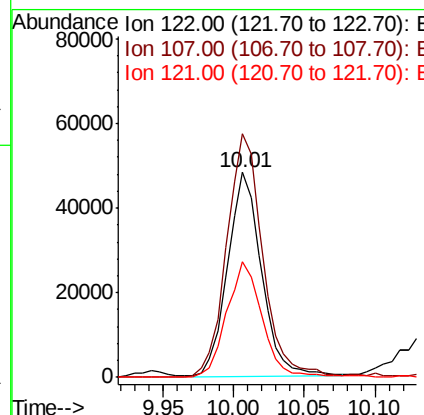
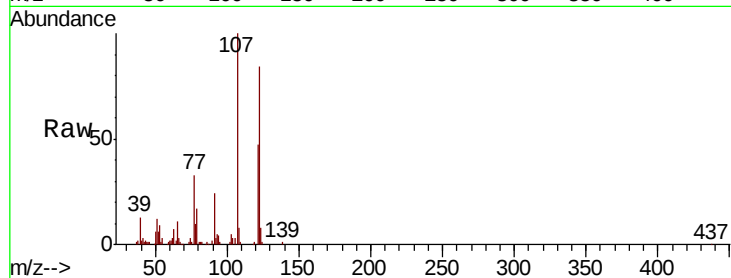




#27
2,4-Dimethylphenol
Concen: 53.468 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

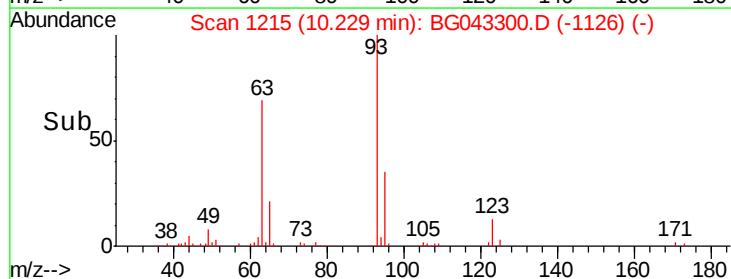
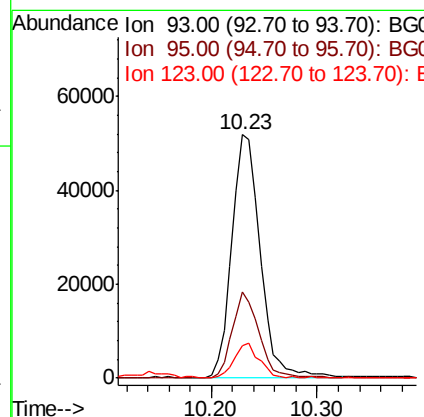
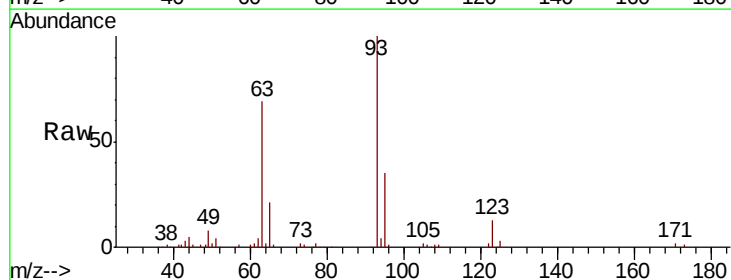
Instrument :
BNA_G
ClientSampleId :
PB123945BS

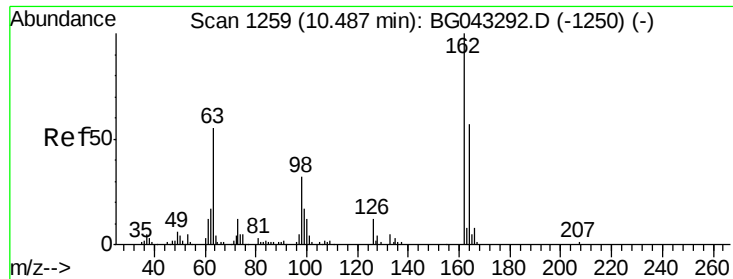
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	98.6	147.8
121	56.2	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.906 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	24.9	37.3
123	13.4	8.9	13.3#

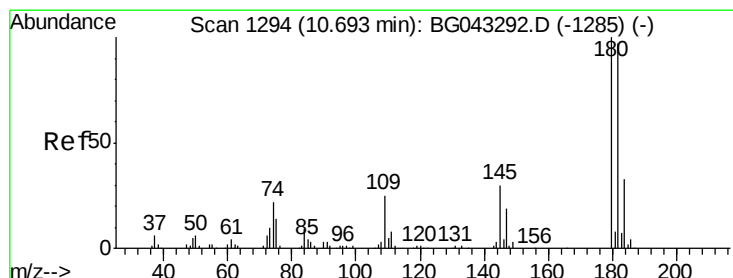
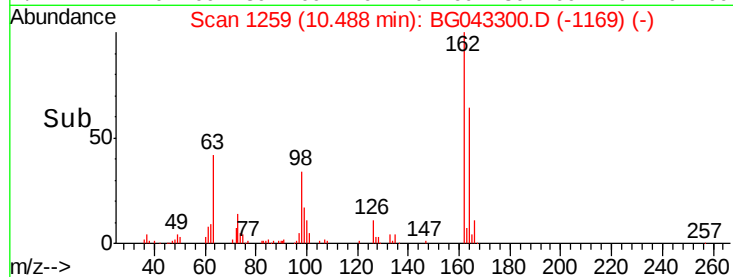
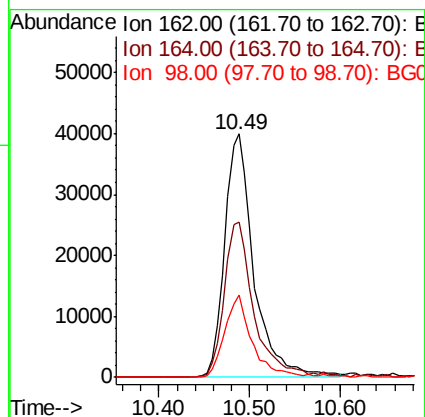
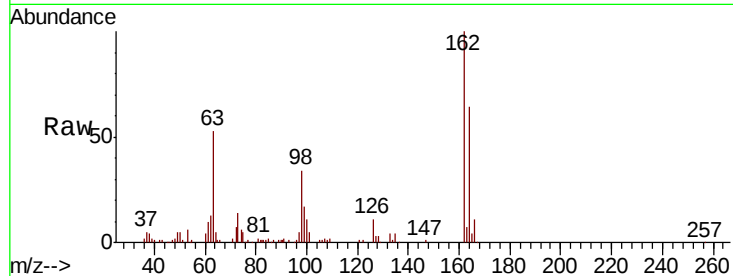




#29
 2,4-Dichlorophenol
 Concen: 46.016 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

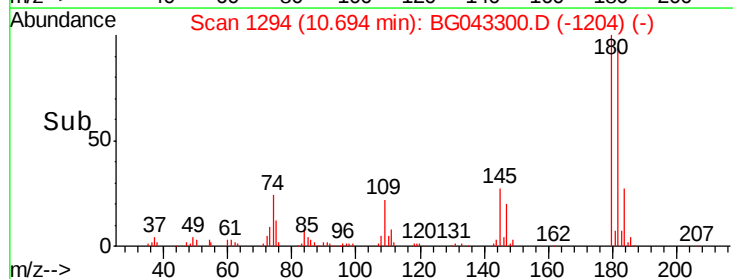
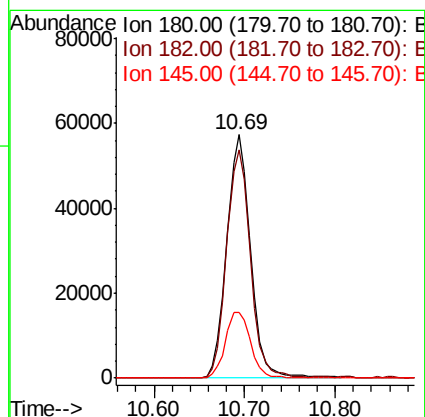
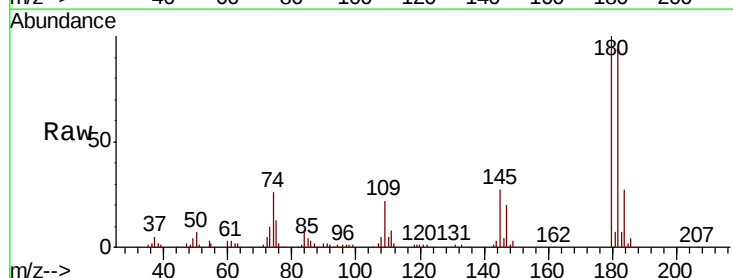
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

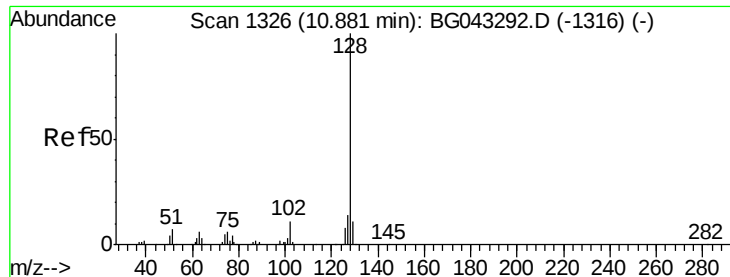
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	37.3	77.3
98	33.7	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.920 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.8	116.8
145	26.9	23.6	35.4

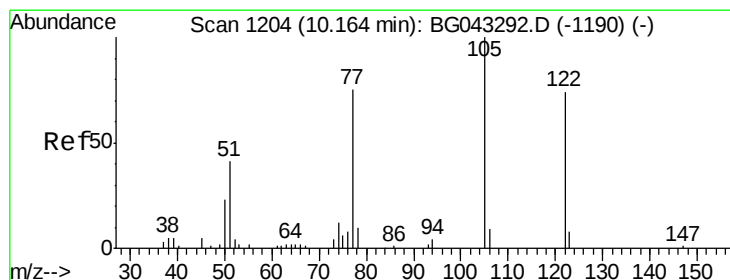
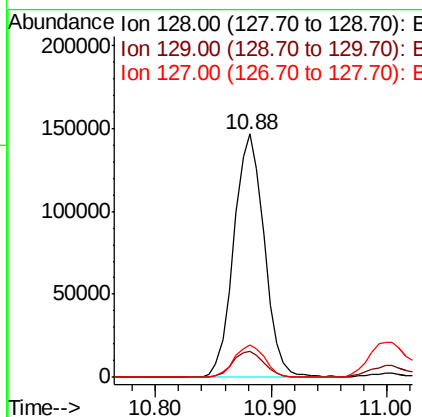
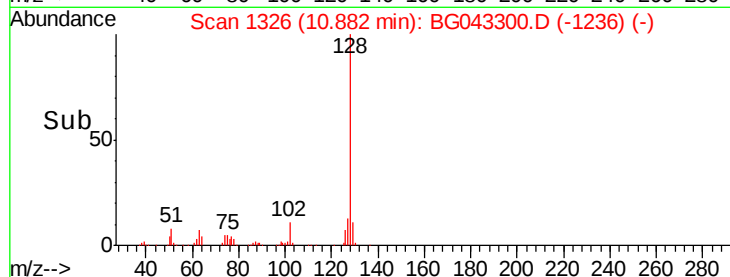
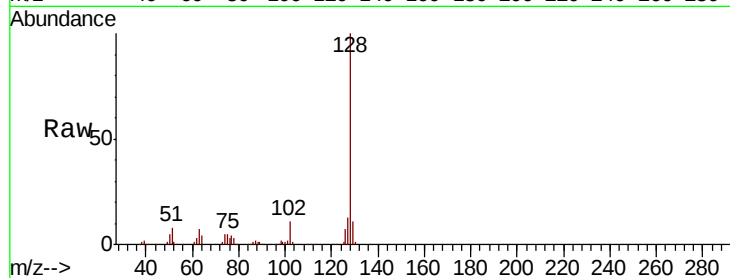




#31
Naphthalene
Concen: 44.468 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

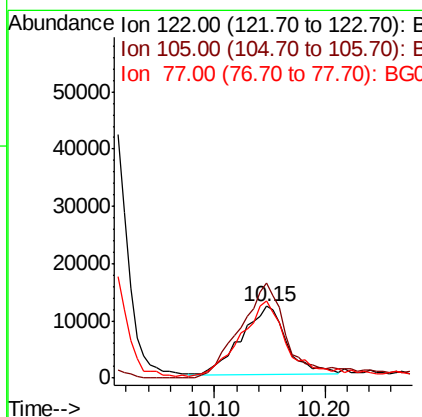
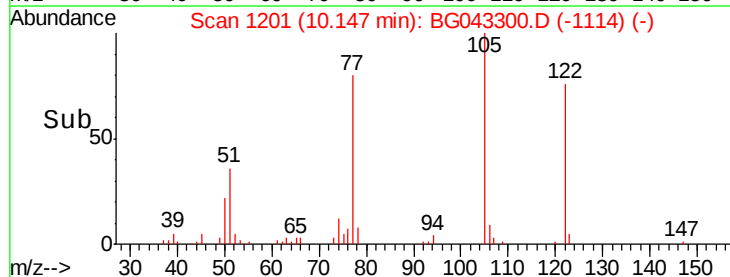
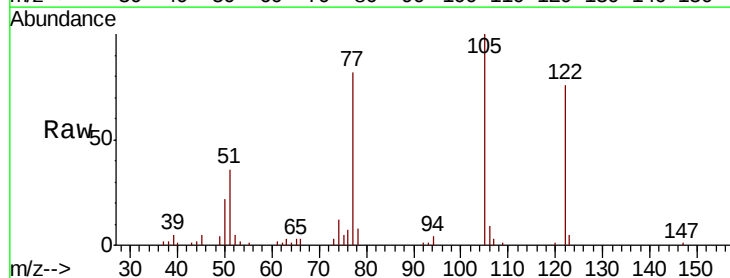
Instrument :
BNA_G
ClientSampleId :
PB123945BS

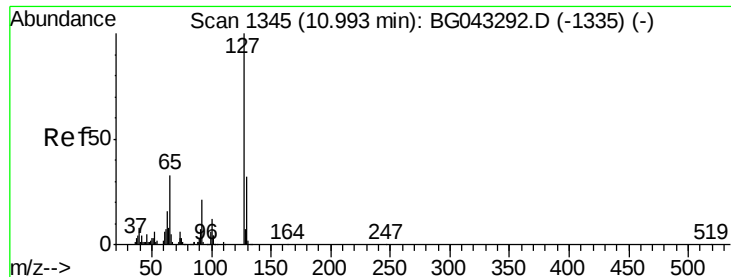
Tot Ion:128 Resp: 267024
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 11.5 17.3



#32
Benzoic acid
Concen: 33.557 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion:122 Resp: 34881
Ion Ratio Lower Upper
122 100
105 131.5 112.4 152.4
77 107.5 82.7 122.7

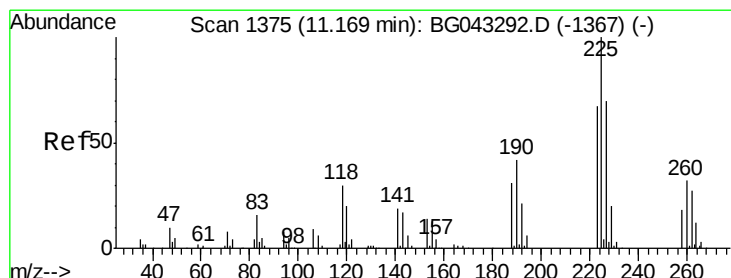
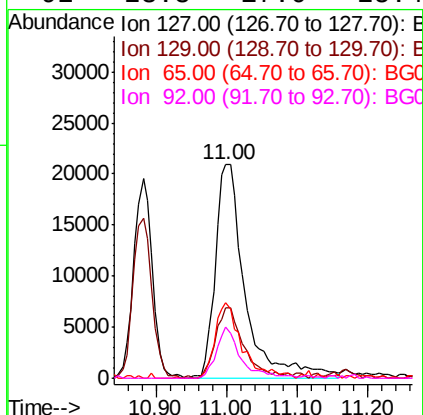
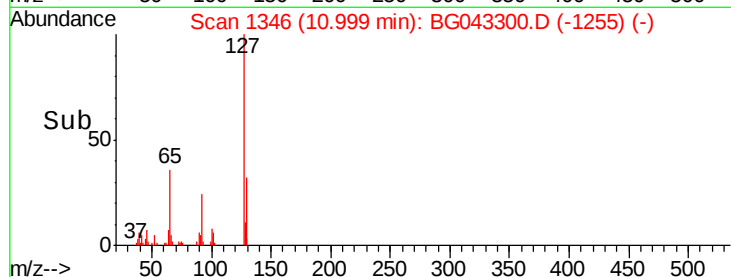
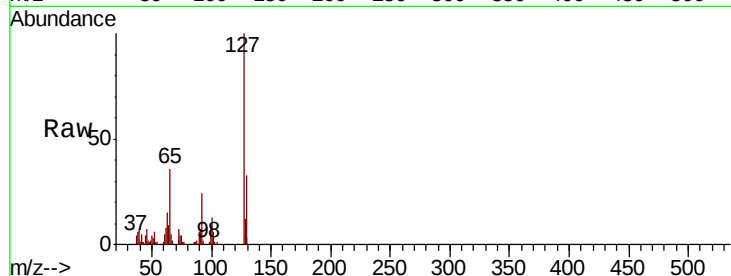




#33
4-Chloroaniline
Concen: 24.823 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

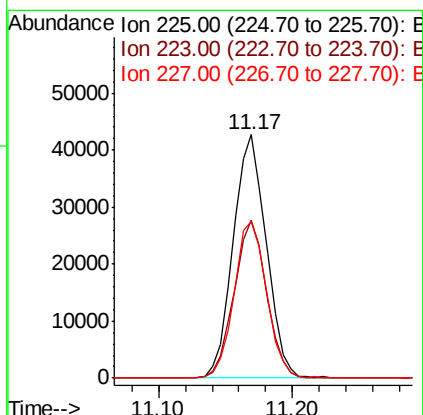
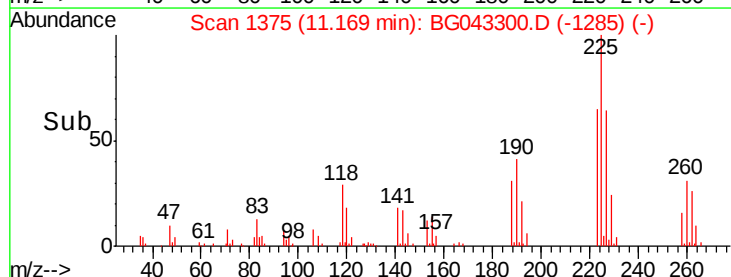
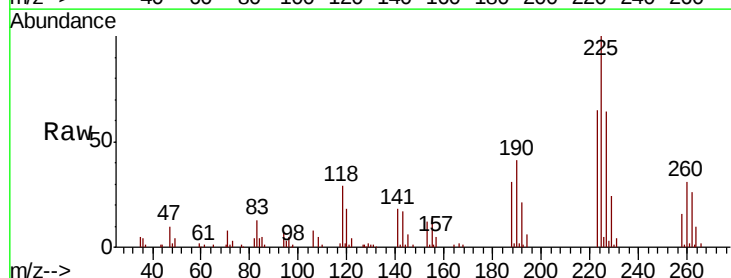
Instrument :
BNA_G
ClientSampleId :
PB123945BS

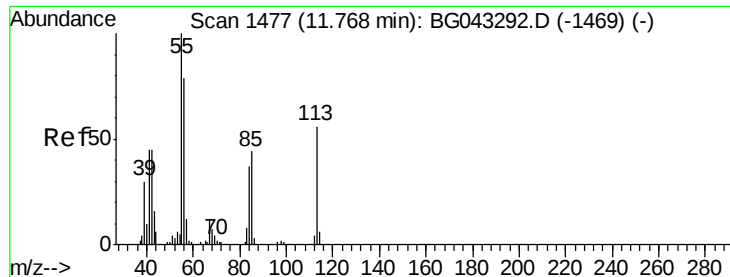
Tot Ion:127 Resp: 61100
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 35.5 26.2 39.2
92 23.8 17.0 25.4



#34
Hexachlorobutadiene
Concen: 40.541 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion:225 Resp: 73202
Ion Ratio Lower Upper
225 100
223 64.8 53.2 79.8
227 64.1 56.2 84.2





#35

Caprolactam

Concen: 16.004 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

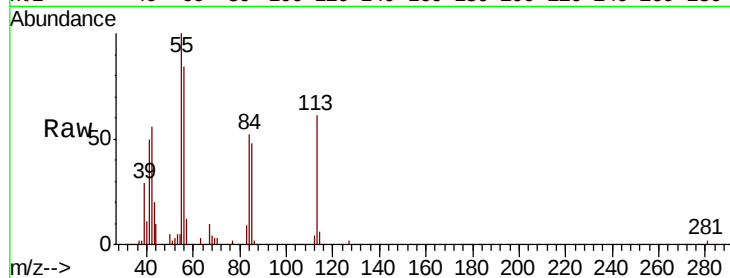
Tot Ion:113 Resp: 10682

Ion Ratio Lower Upper

113 100

55 163.6 158.9 198.9

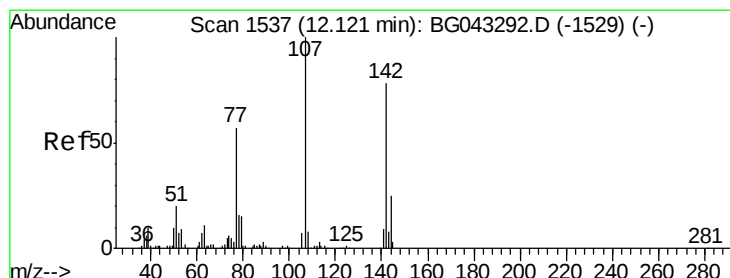
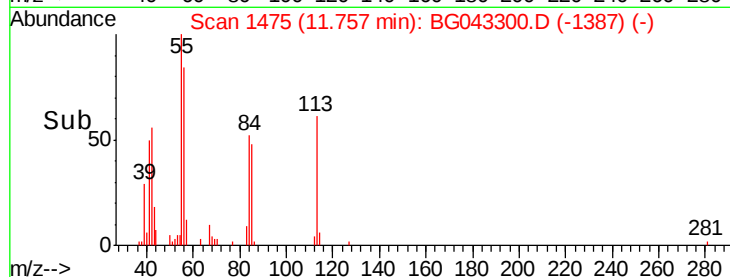
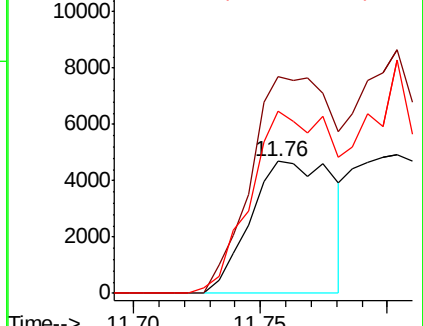
56 137.7 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.216 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

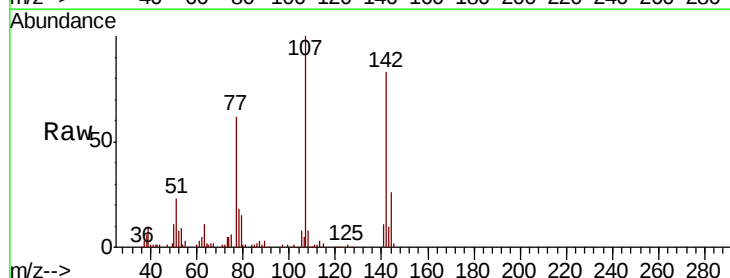
Tgt Ion:107 Resp: 95584

Ion Ratio Lower Upper

107 100

144 26.3 19.9 29.9

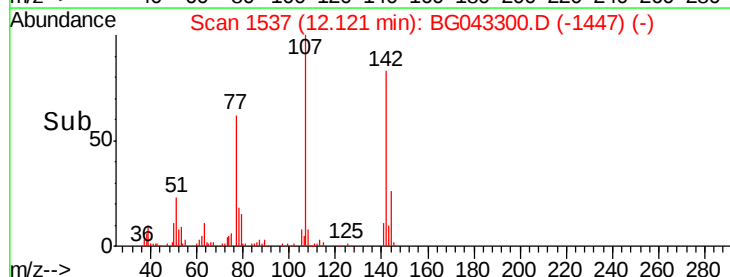
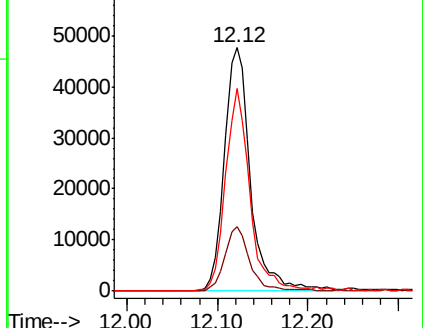
142 83.2 62.1 93.1

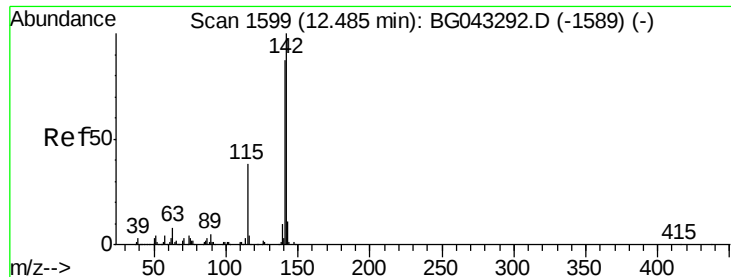


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

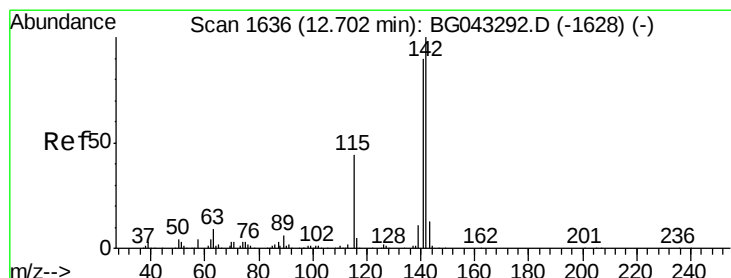
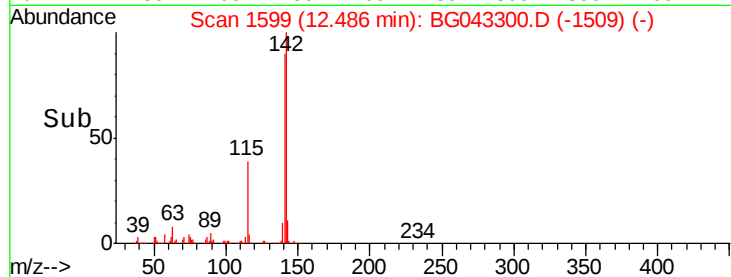
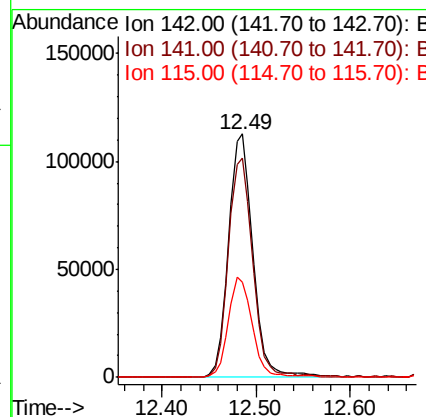
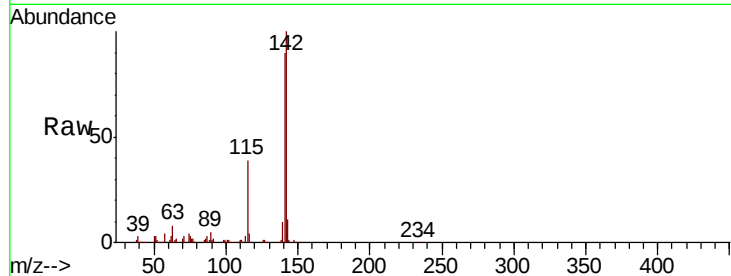




#37
2-Methylnaphthalene
Concen: 44.092 ng
RT: 12.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

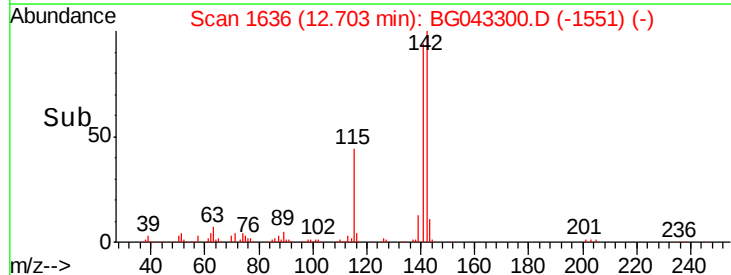
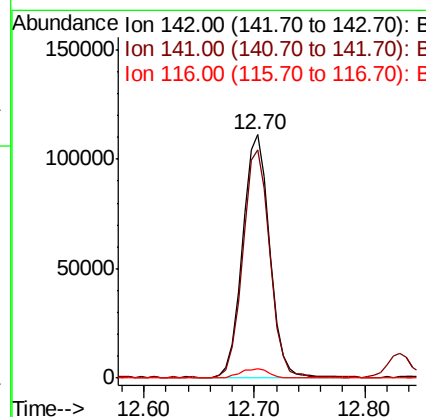
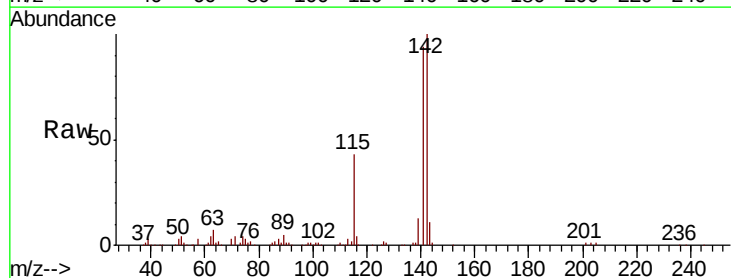
Instrument :
BNA_G
ClientSampleId :
PB123945BS

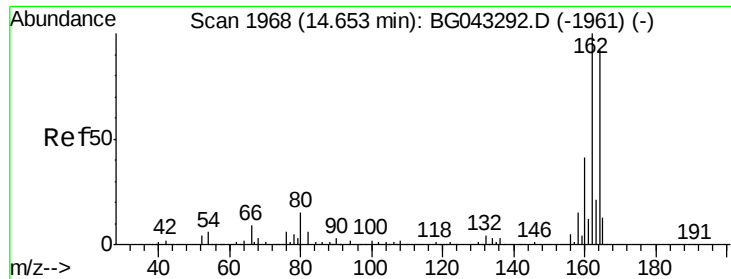
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.7	104.5
115	39.3	30.6	46.0



#38
1-Methylnaphthalene
Concen: 44.033 ng
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.3	108.5
116	3.9	3.8	5.6

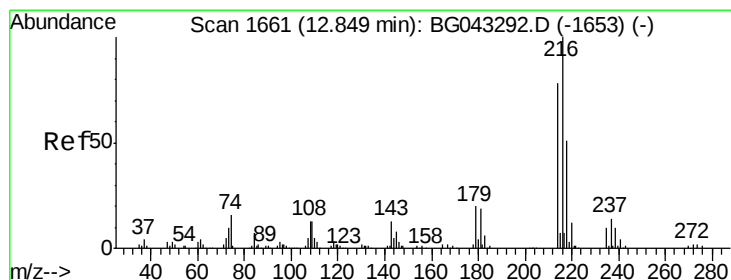
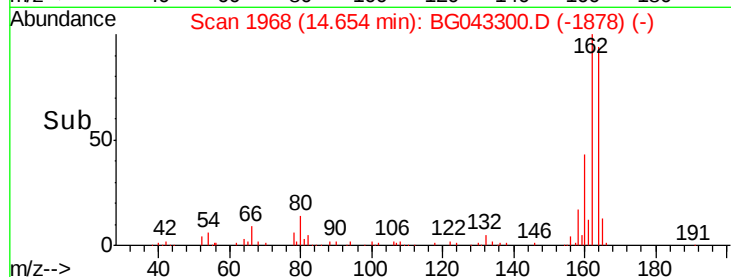
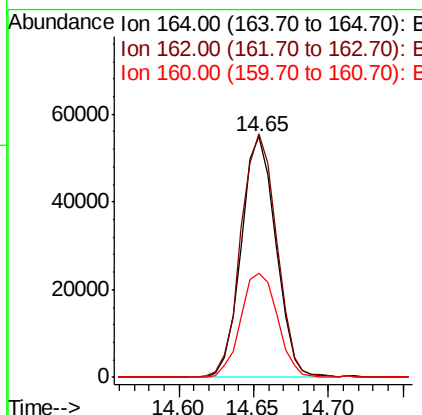
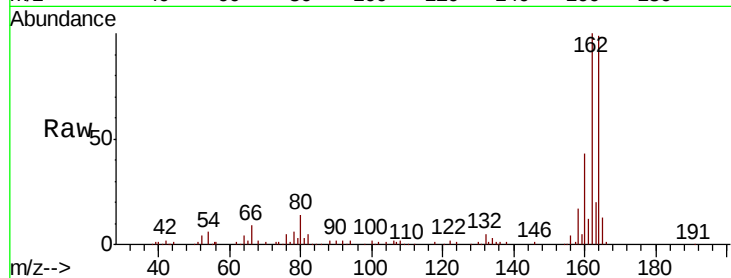




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

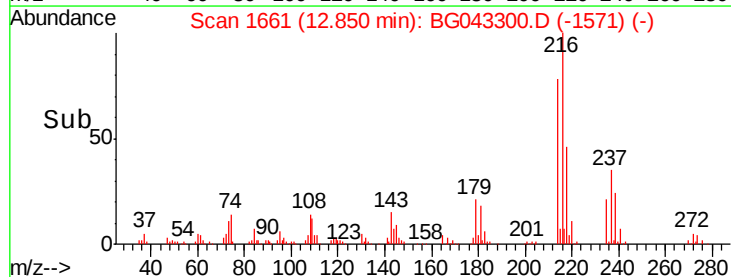
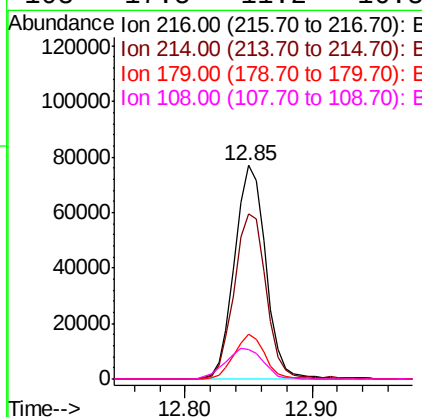
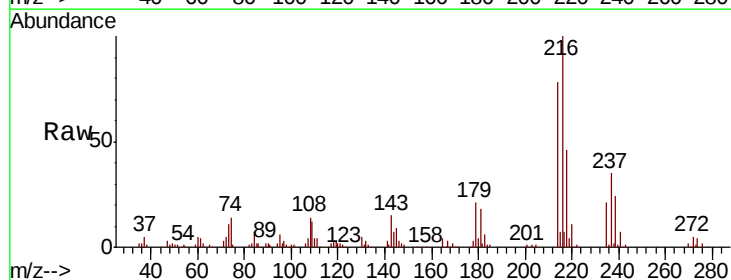
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

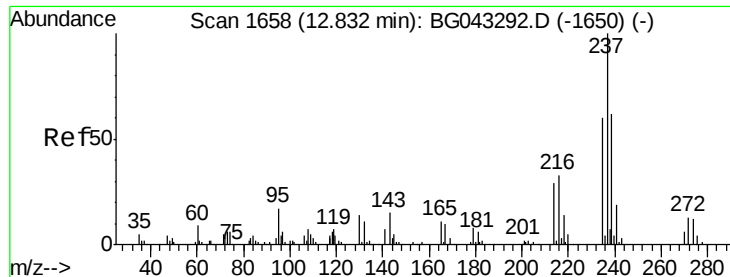
Tot Ion:164 Resp: 88083
 Ion Ratio Lower Upper
 164 100
 162 101.0 87.0 130.4
 160 43.1 35.5 53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.199 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion:216 Resp: 131043
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.5 95.3
 179 20.4 16.2 24.2
 108 17.5 11.2 16.8#





#41

Hexachlorocyclopentadiene

Concen: 102.016 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

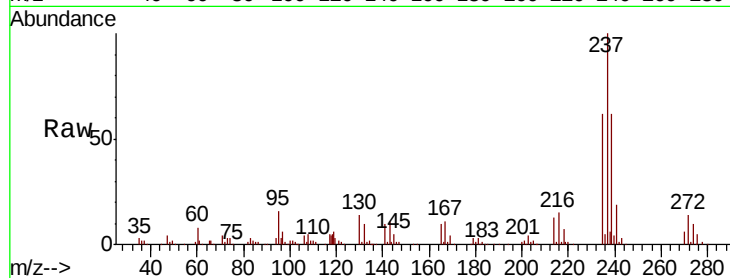
Tot Ion:237 Resp: 174693

Ion Ratio Lower Upper

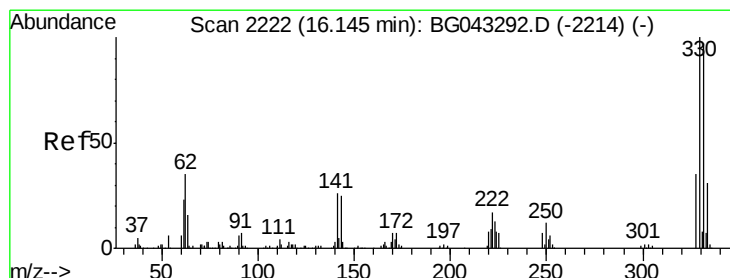
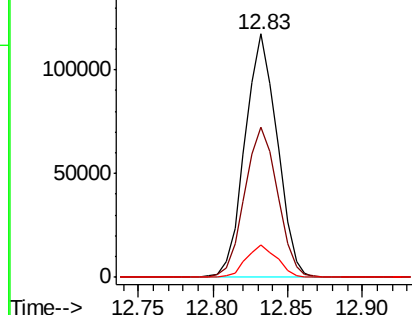
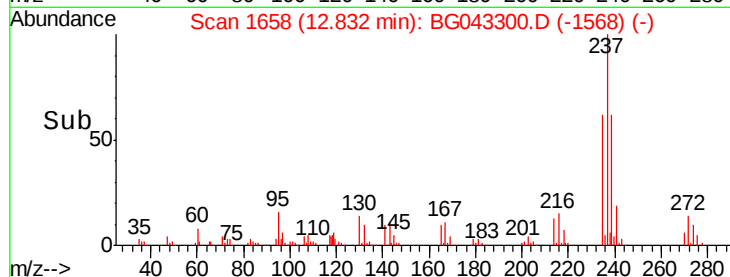
237 100

235 61.7 40.3 80.3

272 13.6 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: 113.435 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

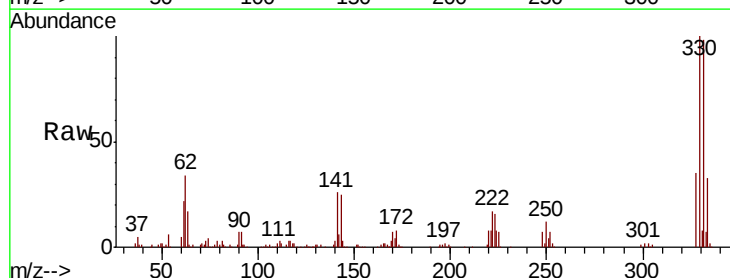
Tgt Ion:330 Resp: 190142

Ion Ratio Lower Upper

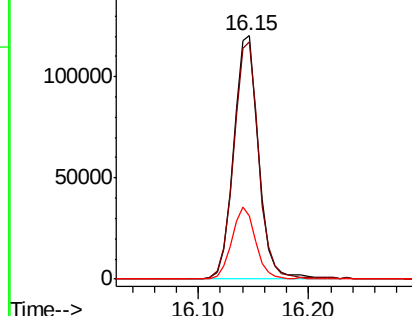
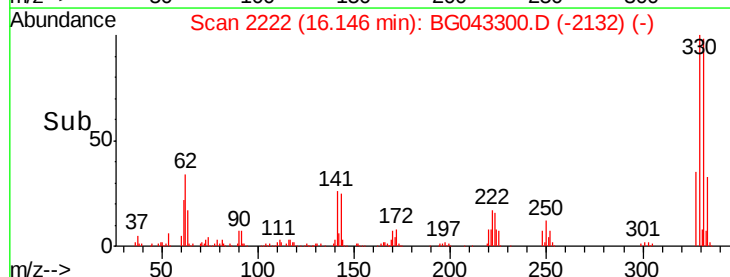
330 100

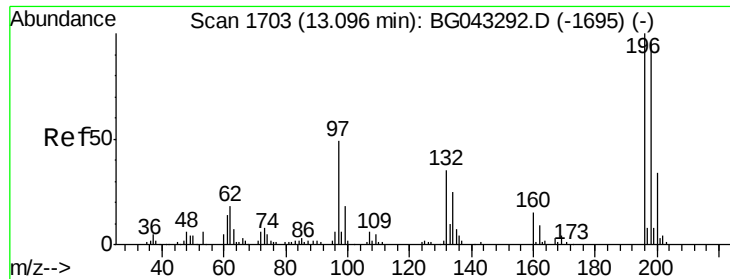
332 98.3 76.4 114.6

141 28.7 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

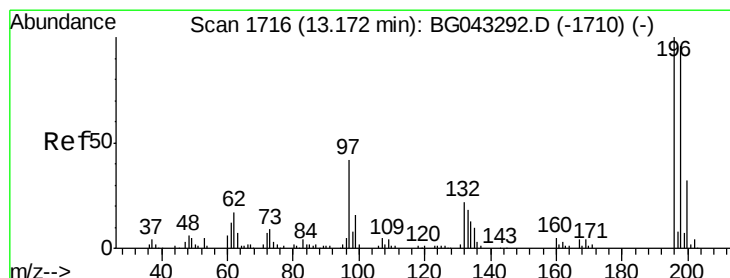
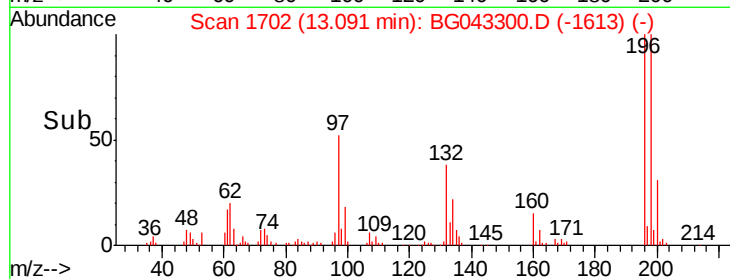
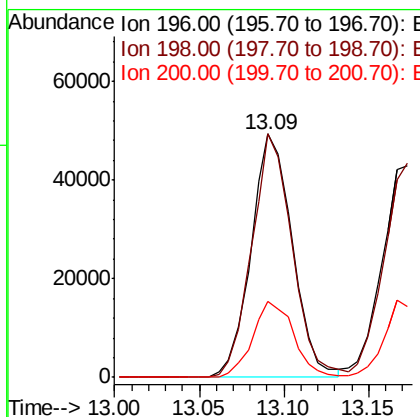
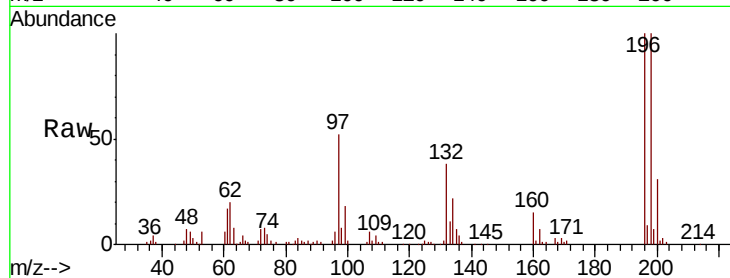




#43
 2,4,6-Trichlorophenol
 Concen: 43.492 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

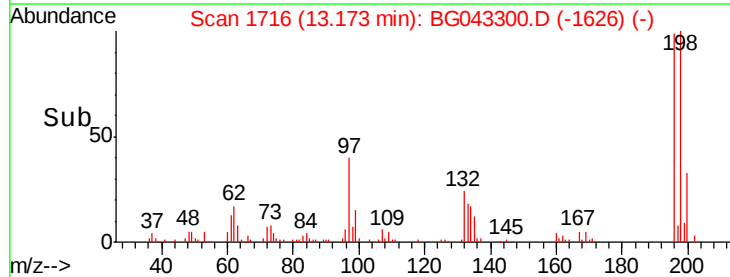
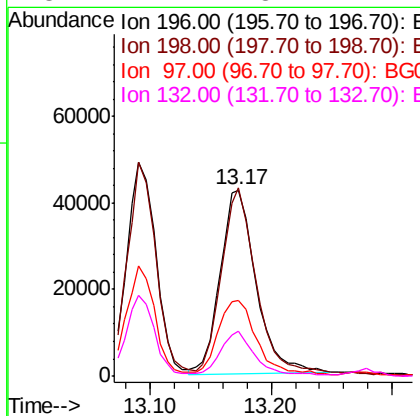
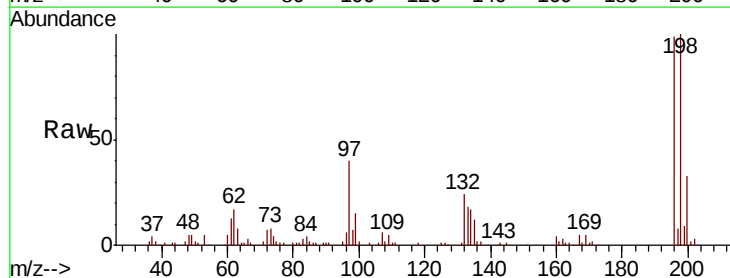
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

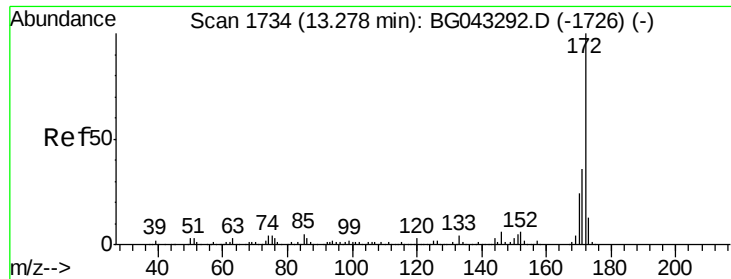
Tot Ion:196 Resp: 83493
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.0 115.4
 200 31.0 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.376 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion:196 Resp: 88066
 Ion Ratio Lower Upper
 196 100
 198 101.4 76.6 114.8
 97 40.9 34.1 51.1
 132 24.1 18.2 27.4





#45

2-Fluorobiphenyl

Concen: 63.102 ng

RT: 13.28 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

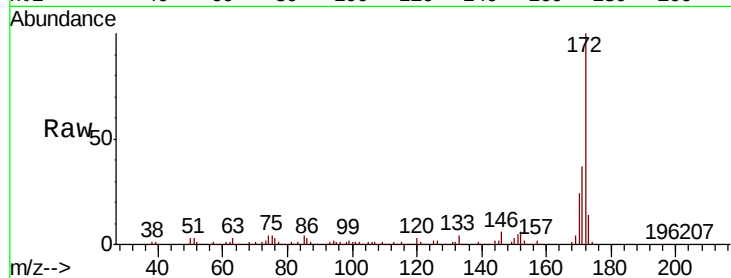
BNA_G

ClientSampleId :

PB123945BS

Tot Ion:172 Resp: 402246

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	24.4	18.8	28.2

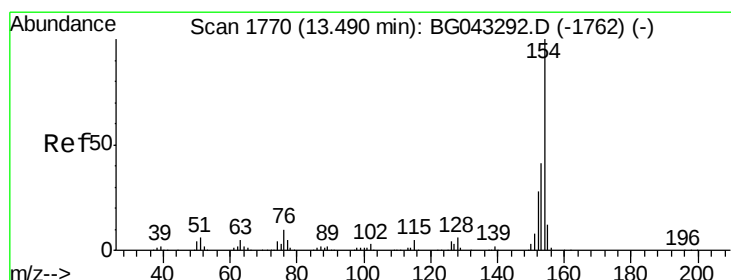
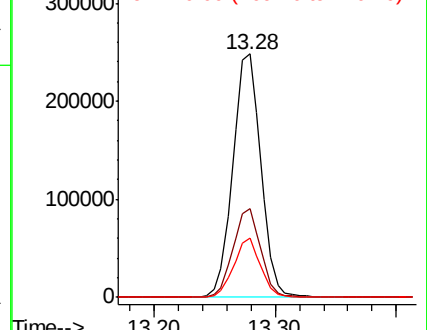
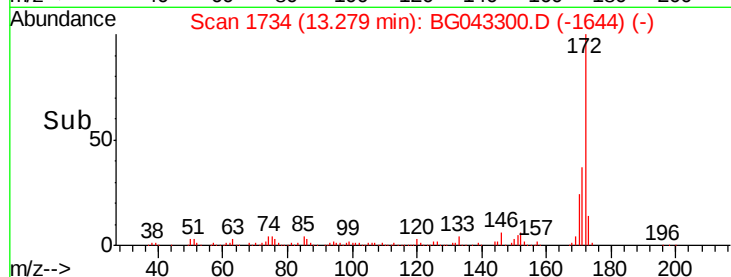


Abundance

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: 40.621 ng

RT: 13.49 min Scan# 1770

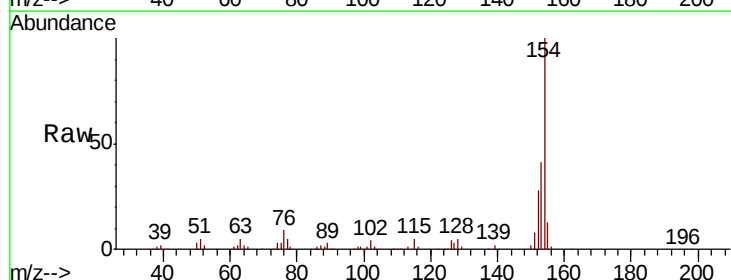
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:154 Resp: 272195

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	9.4	0.0	29.8

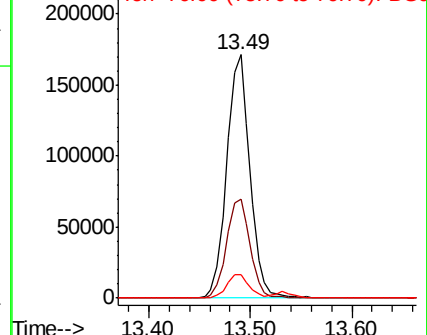
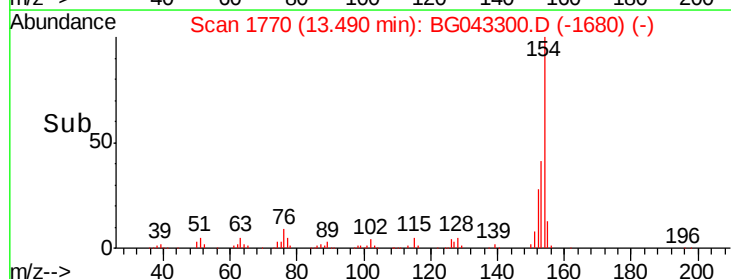


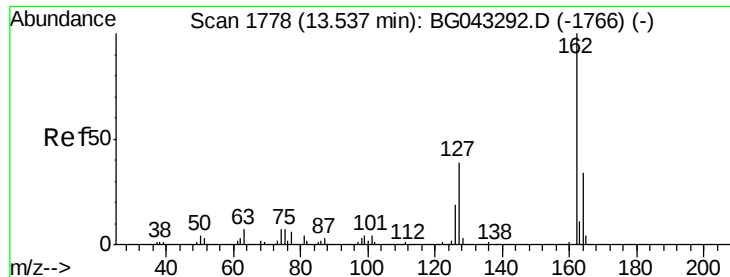
Abundance

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): BGC

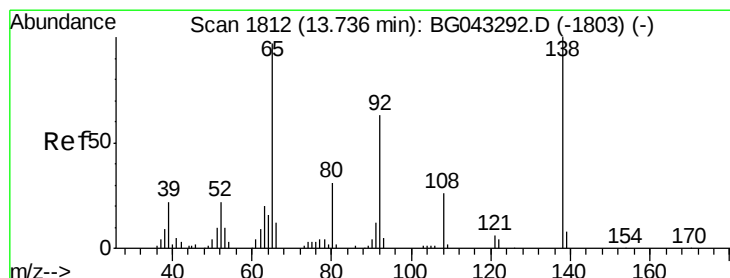
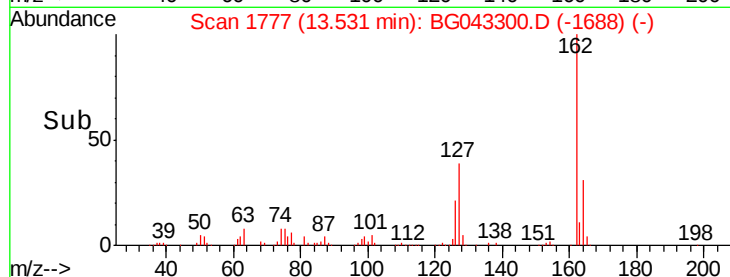
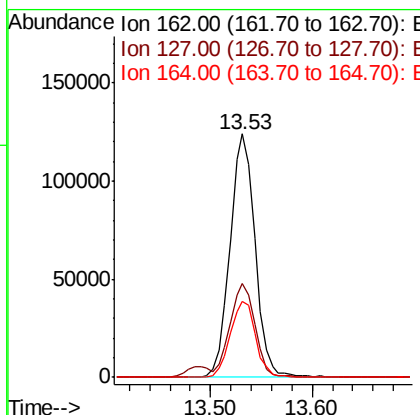
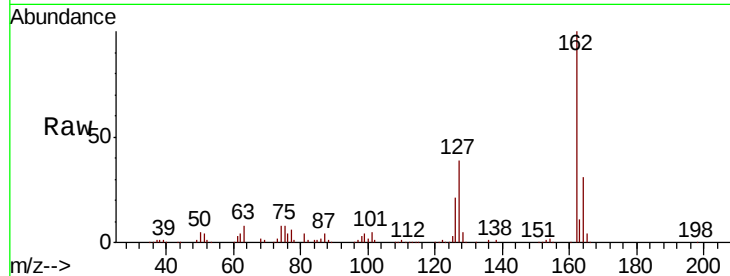




#47
2-Chloronaphthalene
Concen: 41.772 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

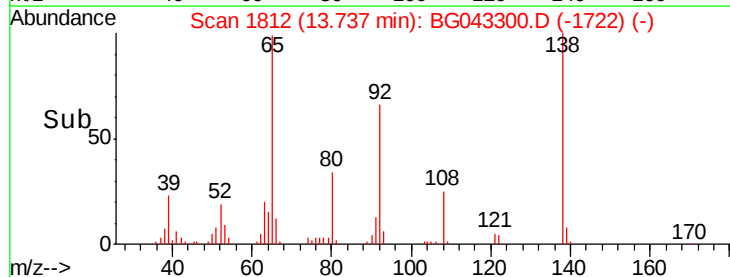
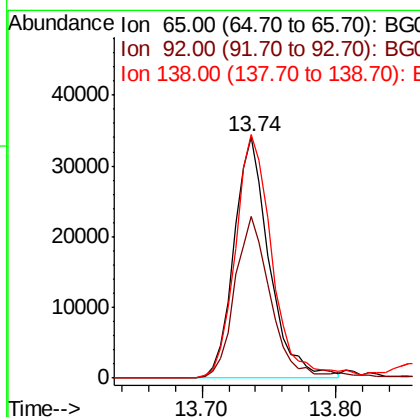
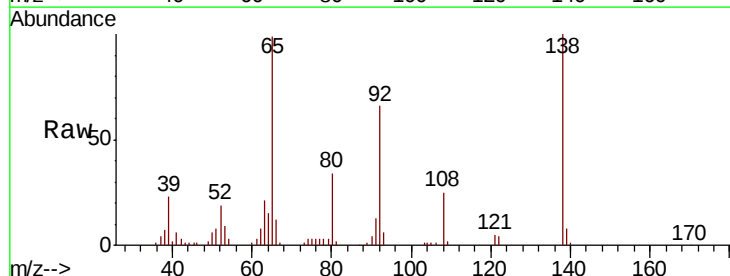
Instrument :
BNA_G
ClientSampleId :
PB123945BS

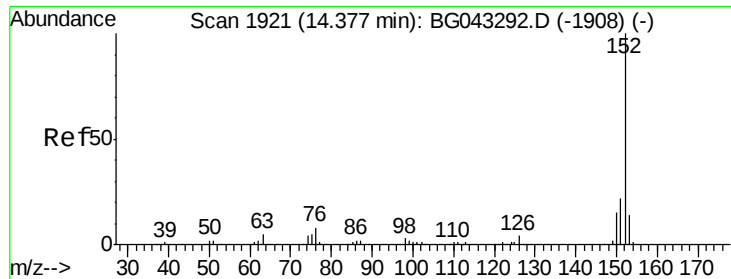
Tot Ion:162 Resp: 212974
Ion Ratio Lower Upper
162 100
127 38.6 31.3 46.9
164 30.9 26.8 40.2



#48
2-Nitroaniline
Concen: 40.842 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion: 65 Resp: 62236
Ion Ratio Lower Upper
65 100
92 66.8 52.6 79.0
138 101.0 82.9 124.3





#49

Acenaphthylene

Concen: 43.932 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

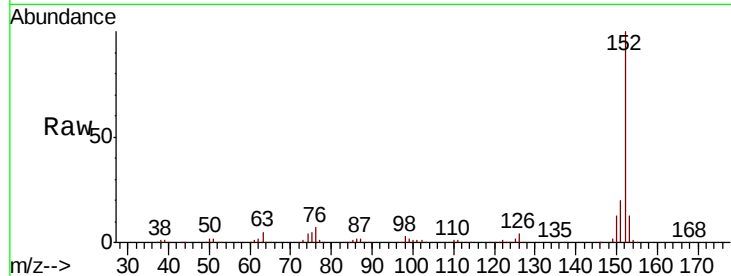
BNA_G

ClientSampleId :

PB123945BS

Tot Ion:152 Resp: 348606

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	12.9	11.0	16.6

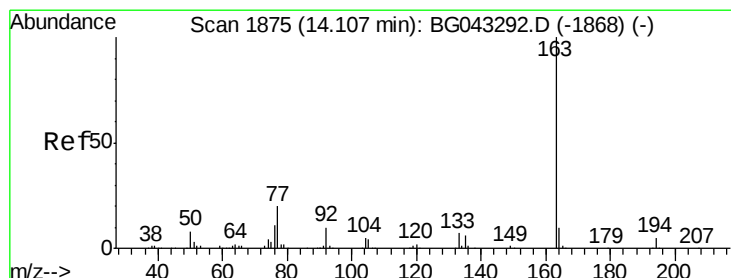
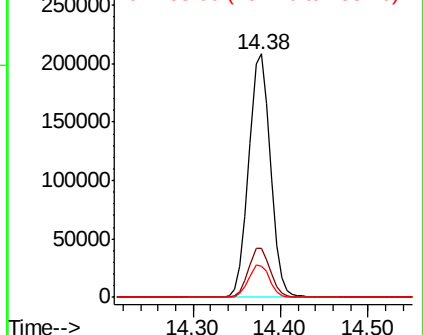
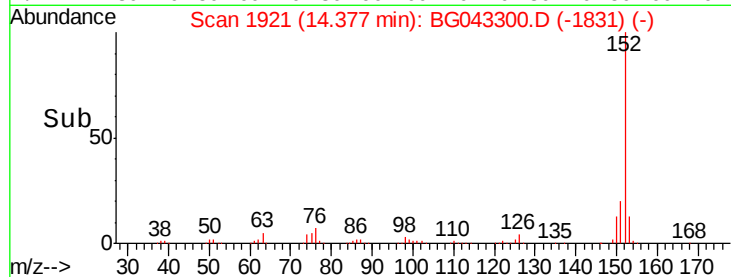


Abundance

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: 42.164 ng

RT: 14.11 min Scan# 1875

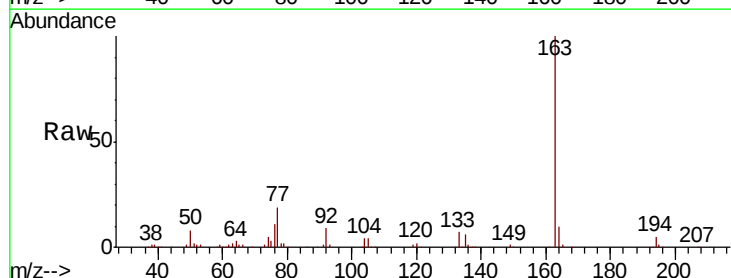
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:163 Resp: 287667

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.4	8.1	12.1

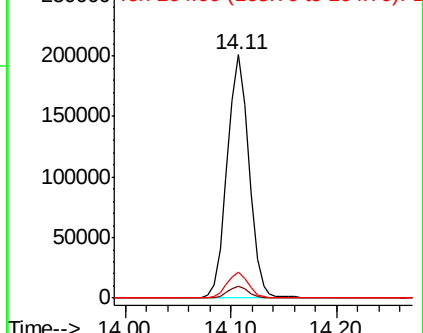
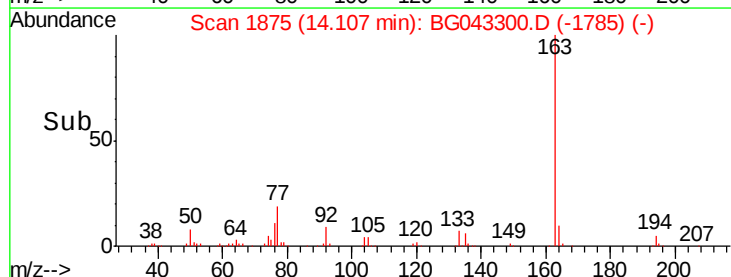


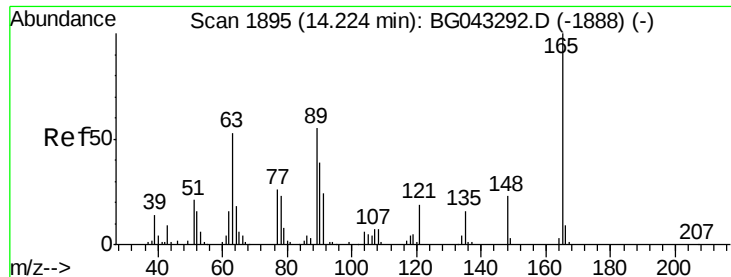
Abundance

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: 43.369 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

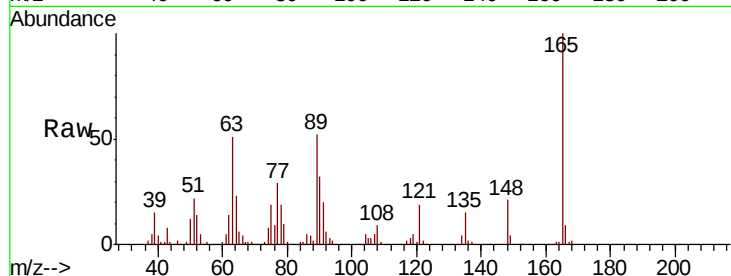
Tot Ion:165 Resp: 64282

Ion Ratio Lower Upper

165 100

63 50.6 47.1 70.7

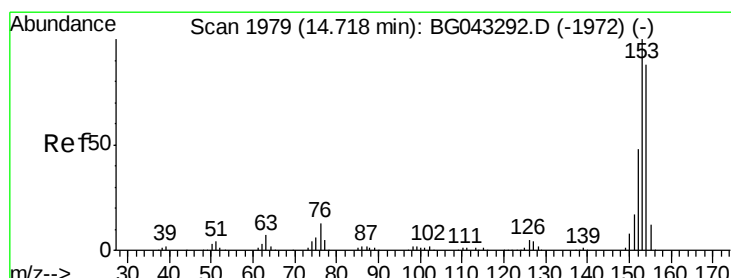
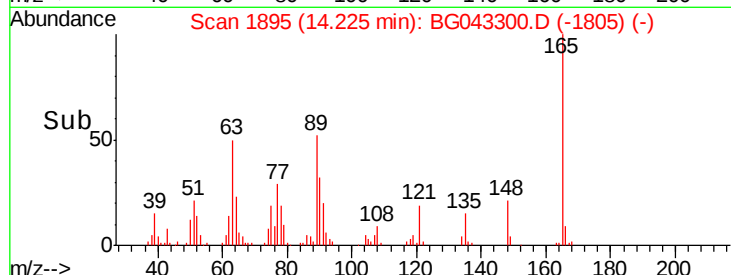
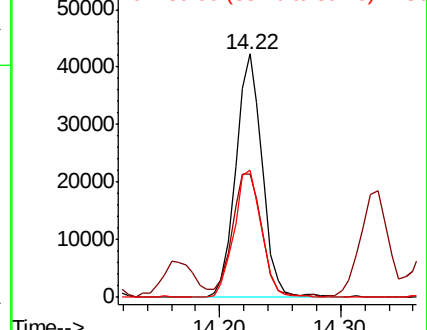
89 52.2 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.771 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

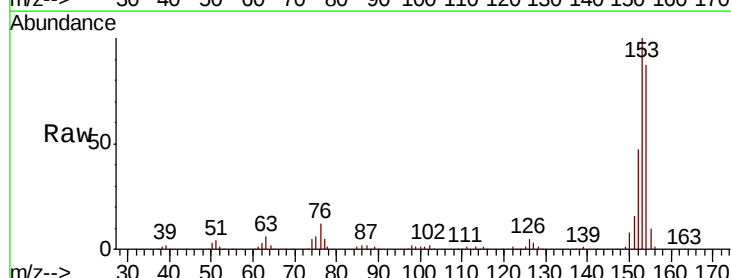
Tgt Ion:154 Resp: 206970

Ion Ratio Lower Upper

154 100

153 114.8 90.9 136.3

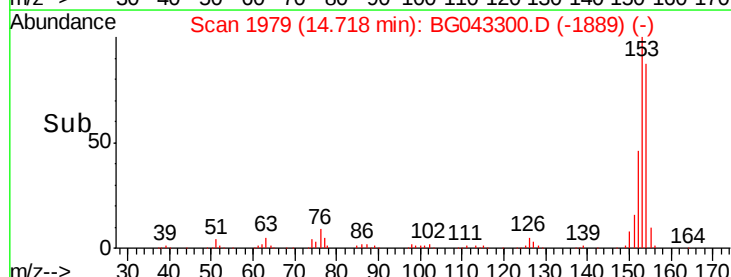
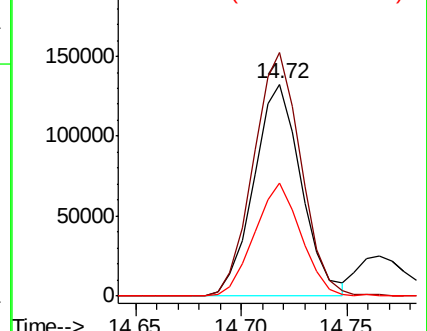
152 53.5 43.9 65.9

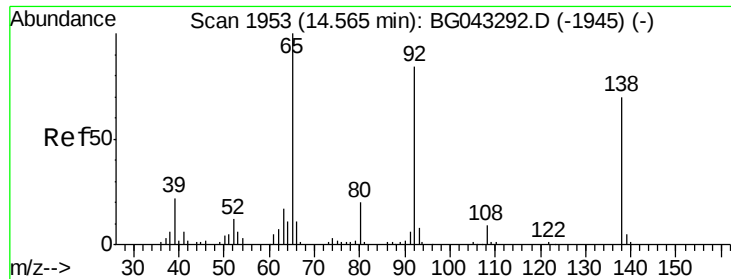


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.571 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

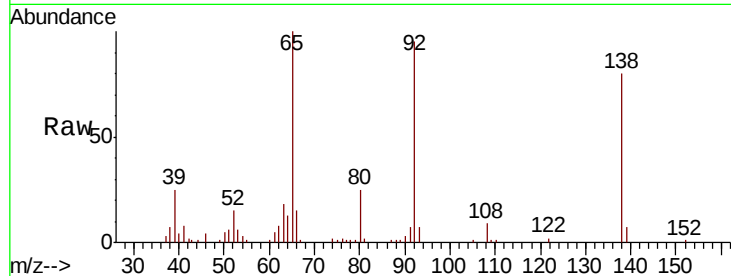
Tot Ion:138 Resp: 43749

Ion Ratio Lower Upper

138 100

108 11.5 9.8 14.6

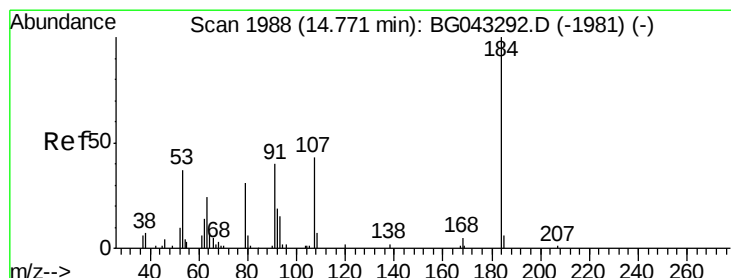
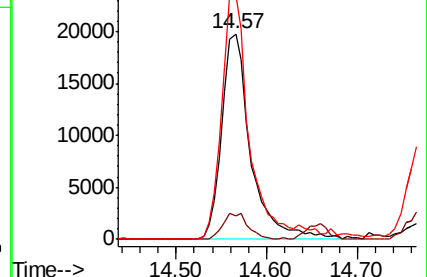
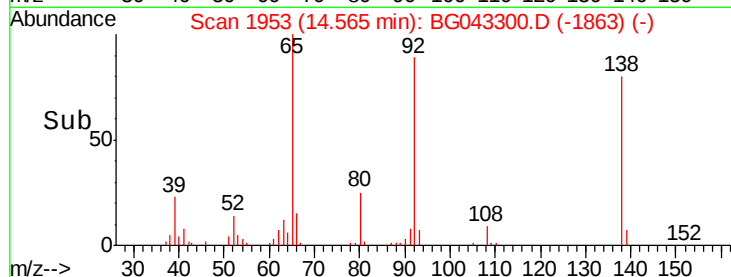
92 118.1 95.8 143.6



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: 79.452 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

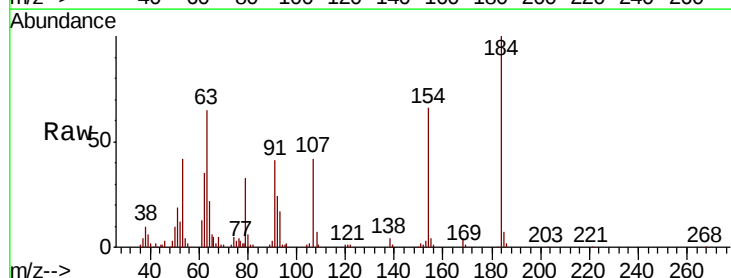
Tgt Ion:184 Resp: 73487

Ion Ratio Lower Upper

184 100

63 65.2 48.8 73.2

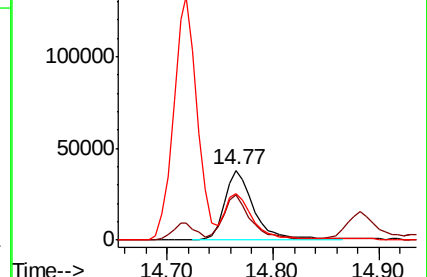
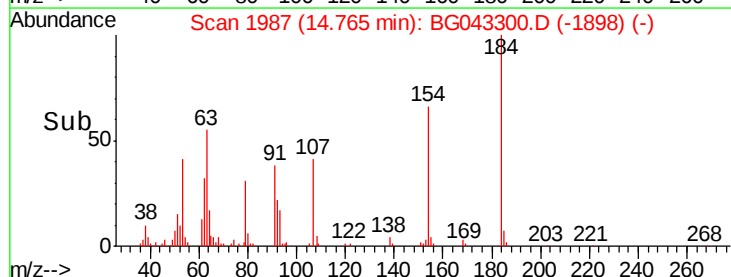
154 66.3 49.4 74.0

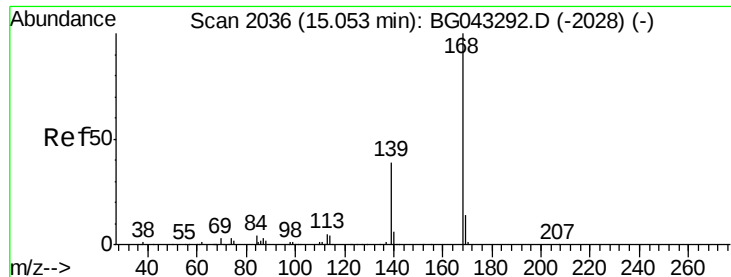


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

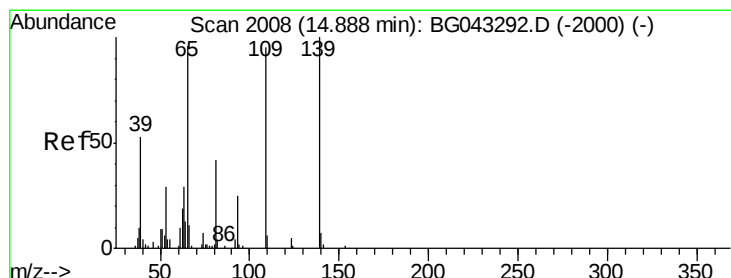
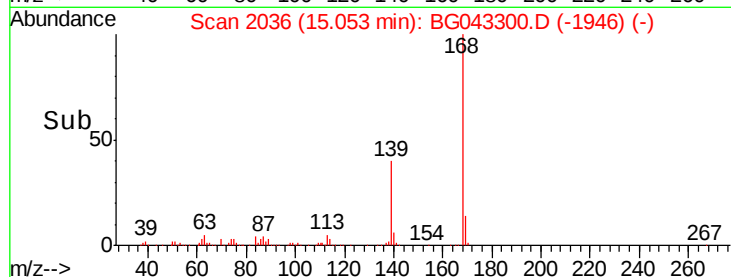
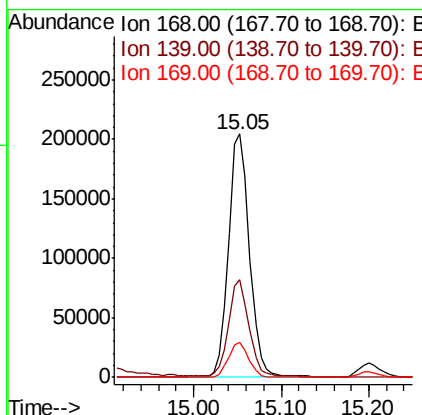
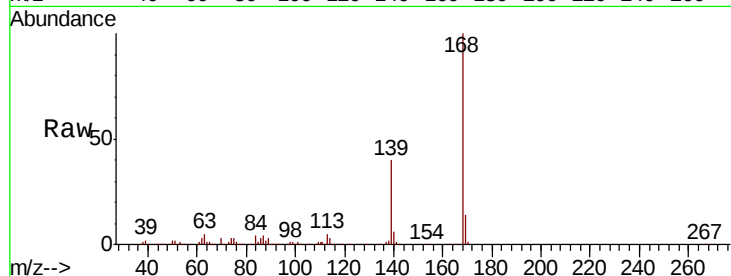




#55
Dibenzenofuran
Concen: 43.004 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

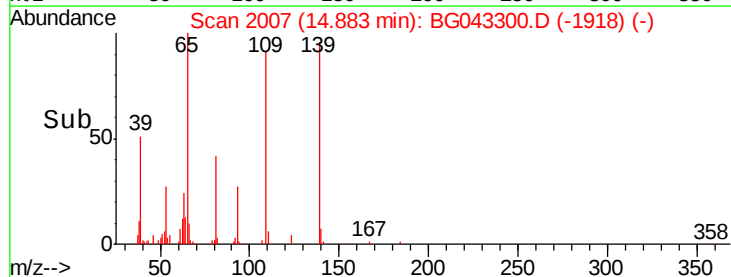
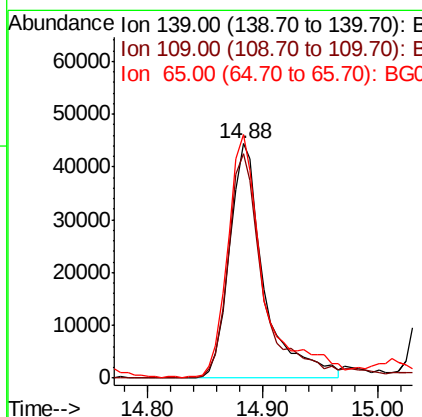
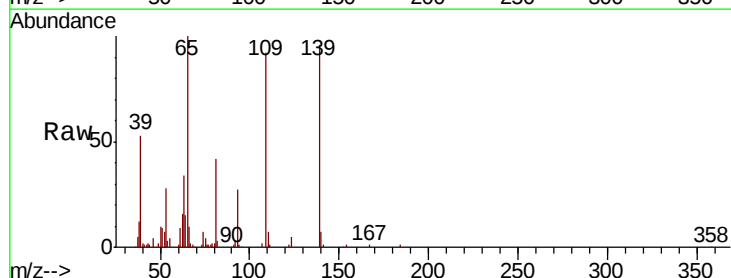
Instrument :
BNA_G
ClientSampleId :
PB123945BS

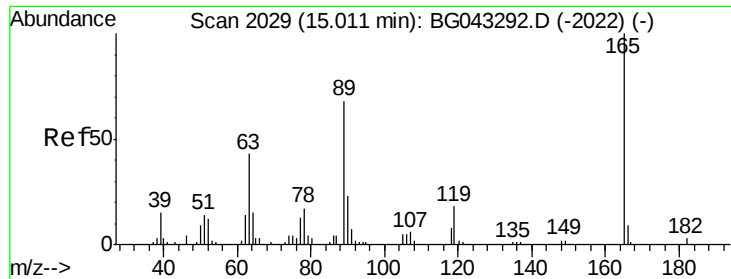
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.7	47.5
169	14.2	11.0	16.4



#56
4-Nitrophenol
Concen: 96.283 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	75.4	115.4
65	103.9	76.6	116.6

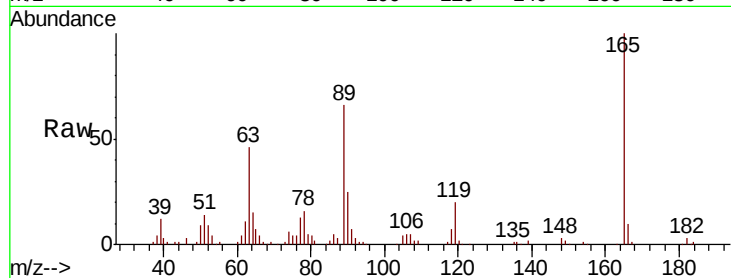




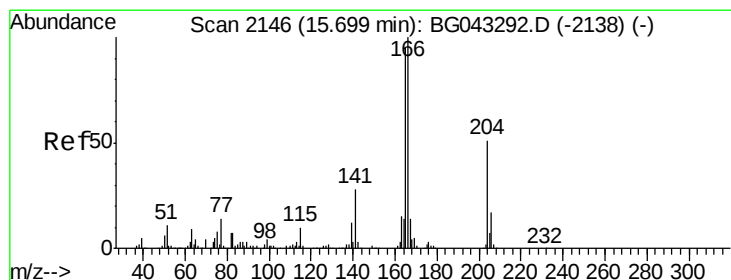
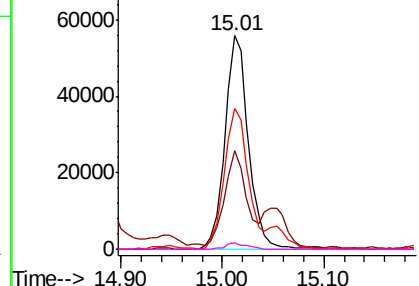
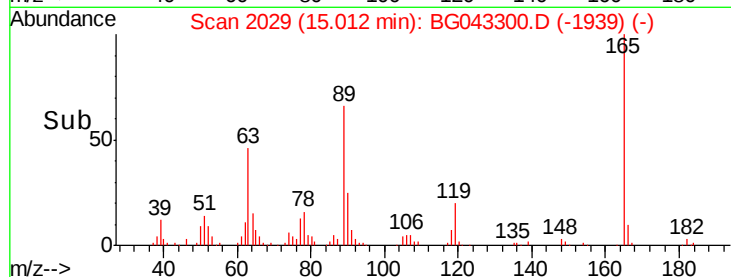
#57
2,4-Dinitrotoluene
Concen: 42.230 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion:165	Resp:	89453
Ion	Ratio	Lower Upper
165	100	
63	46.1	35.0 52.6
89	65.9	54.1 81.1
182	2.8	2.2 3.2

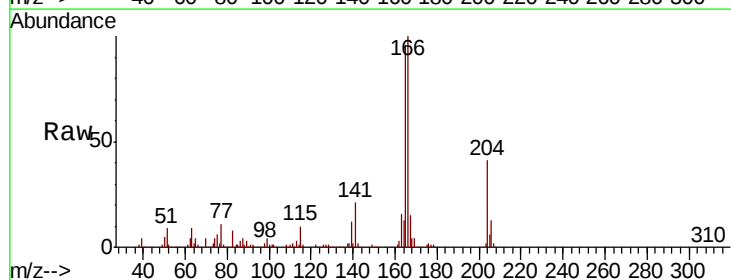


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

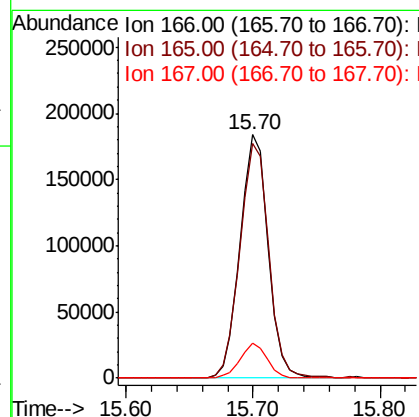
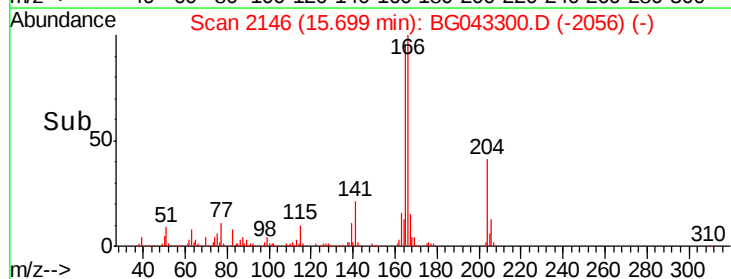


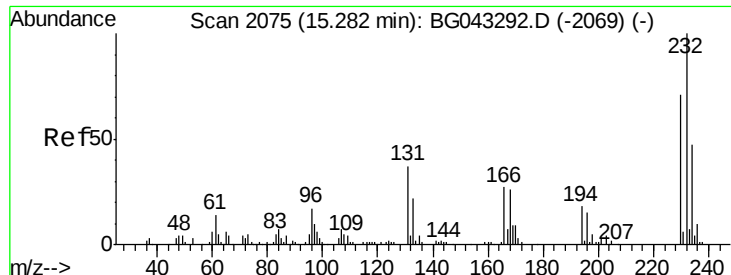
#58
Fluorene
Concen: 42.777 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion:166	Resp:	281544
Ion	Ratio	Lower Upper
166	100	
165	96.2	76.4 114.6
167	14.5	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

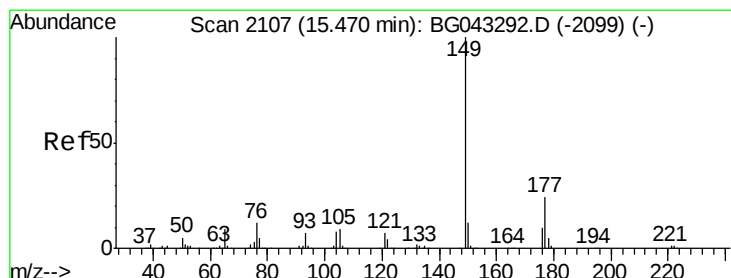
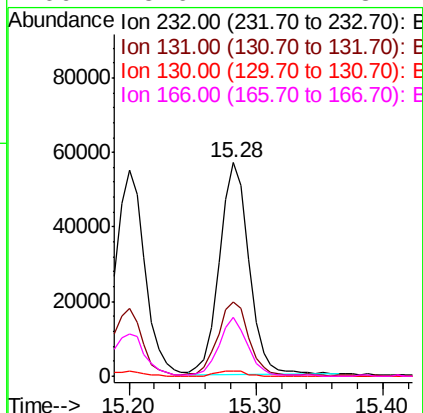
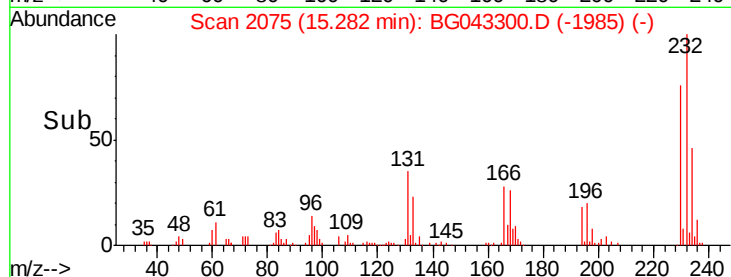
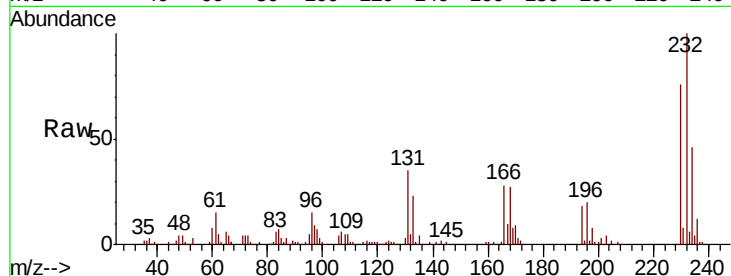




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.826 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

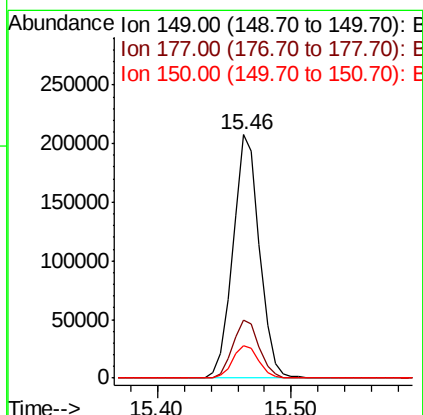
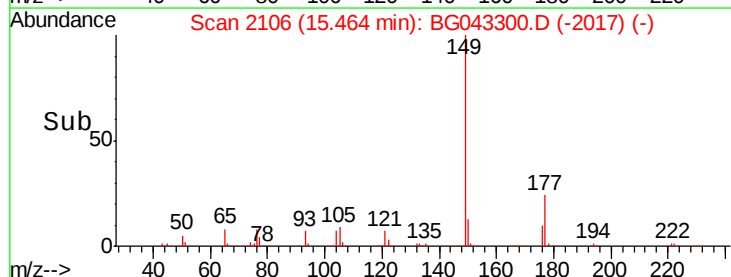
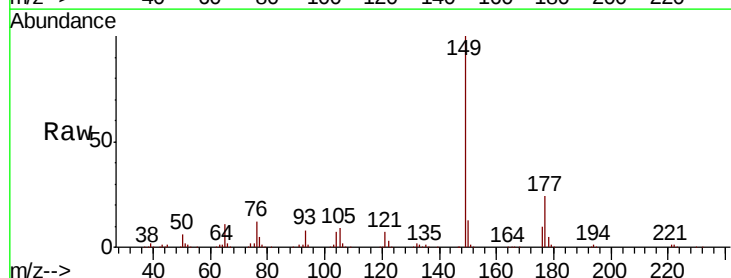
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

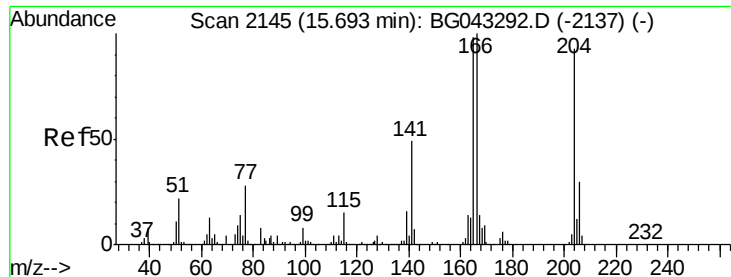
Tot Ion:232 Resp: 92433
 Ion Ratio Lower Upper
 232 100
 131 36.2 28.7 43.1
 130 2.7 0.6 0.8#
 166 25.6 21.1 31.7



#60
 Diethylphthalate
 Concen: 41.775 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion:149 Resp: 286382
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.0 28.4
 150 13.3 9.4 14.0





#61

4-Chlorophenyl-phenylether

Concen: 41.606 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

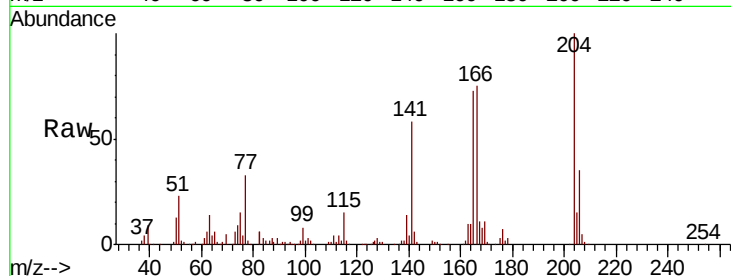
Tot Ion:204 Resp: 159751

Ion Ratio Lower Upper

204 100

206 35.2 25.7 38.5

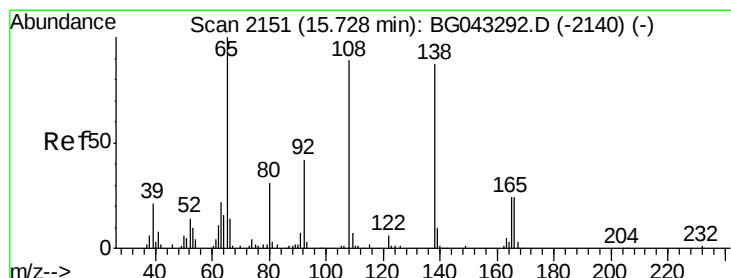
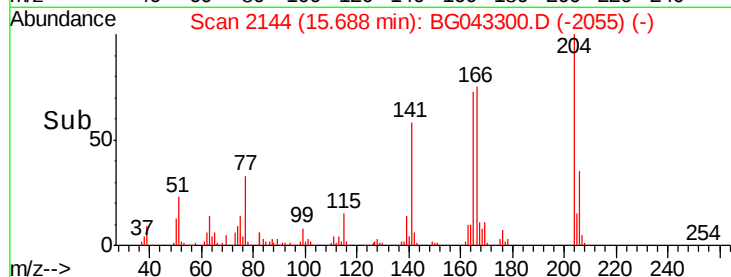
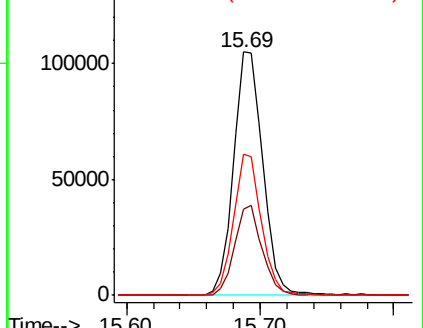
141 58.0 42.3 63.5



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: 41.518 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

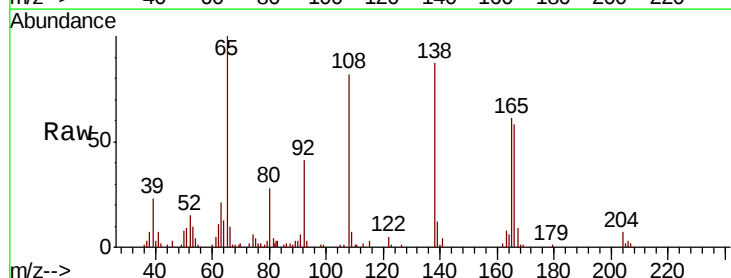
Tgt Ion:138 Resp: 61360

Ion Ratio Lower Upper

138 100

92 47.4 28.8 68.8

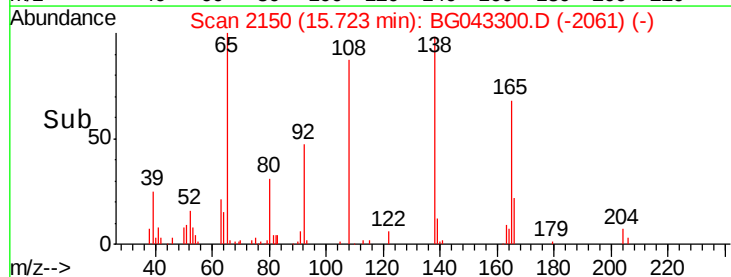
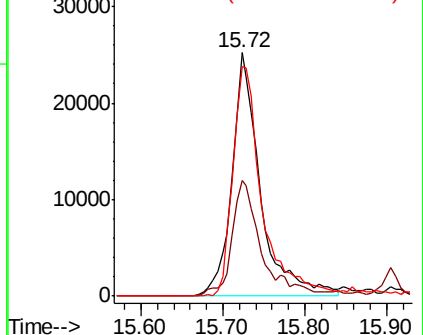
108 94.4 82.7 122.7

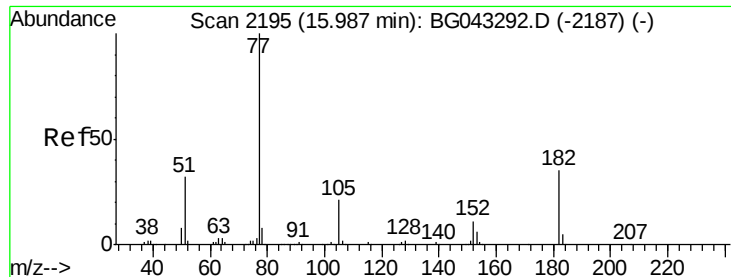


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

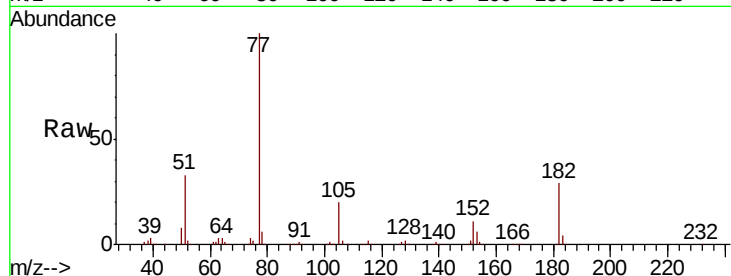




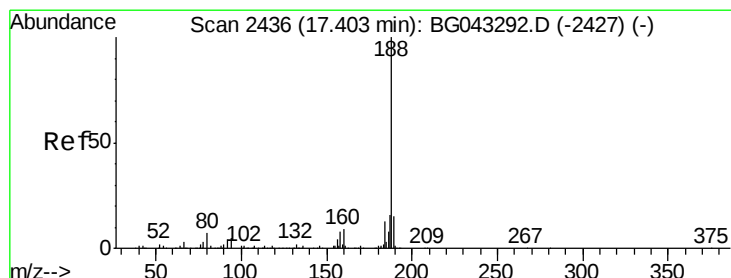
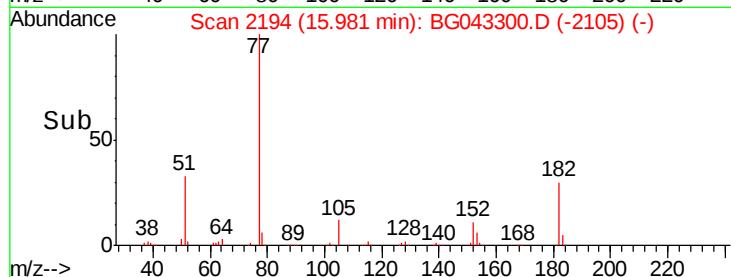
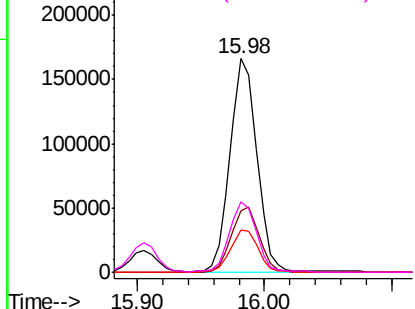
#63
Azobenzene
Concen: 43.358 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion:	77	Resp:	240553
Ion	Ratio	Lower	Upper
77	100		
182	28.9	14.9	54.9
105	19.6	0.6	40.6
51	32.8	12.5	52.5

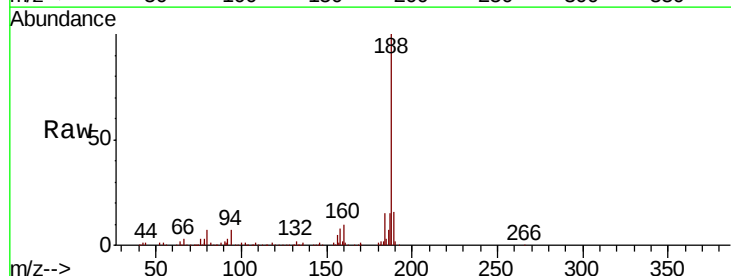


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

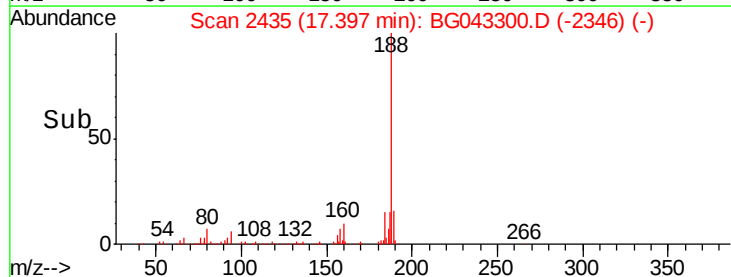
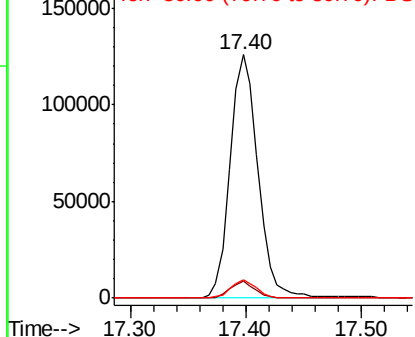


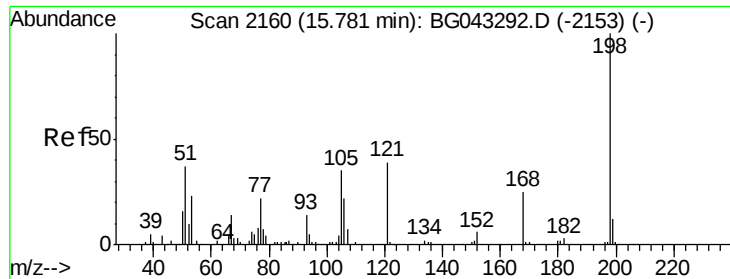
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion:	188	Resp:	210526
Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.2#
80	7.5	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: 45.637 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

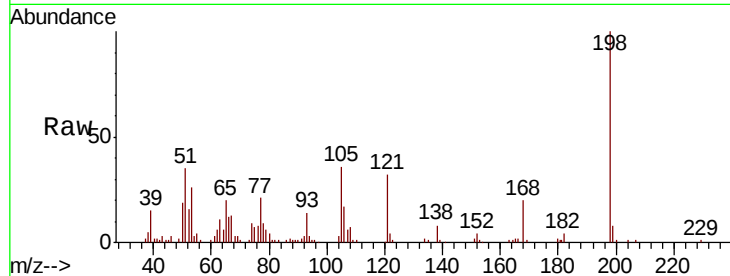
BNA_G

ClientSampleId :

PB123945BS

Tot Ion:198 Resp: 56542

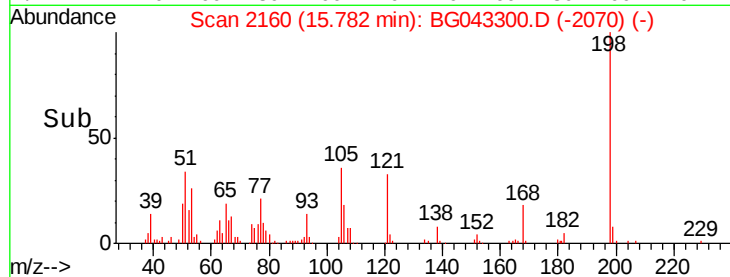
Ion	Ratio	Lower	Upper
198	100		
51	34.9	21.4	61.4
105	35.8	16.5	56.5



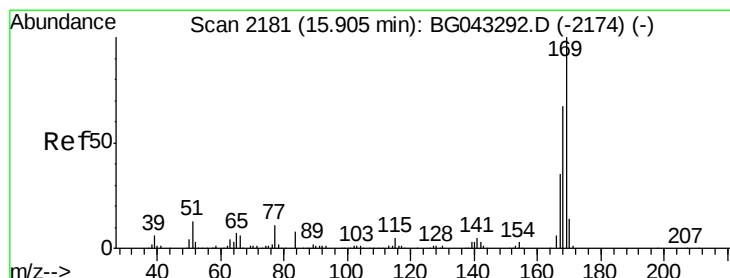
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.306 ng

RT: 15.91 min Scan# 2181

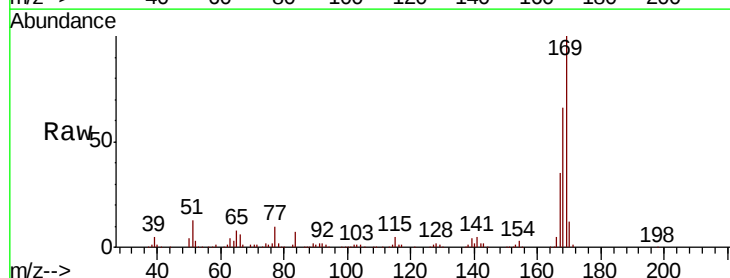
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:169 Resp: 251453

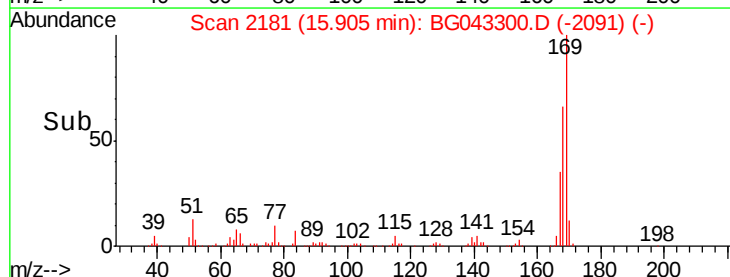
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.9	80.9
167	35.0	28.3	42.5



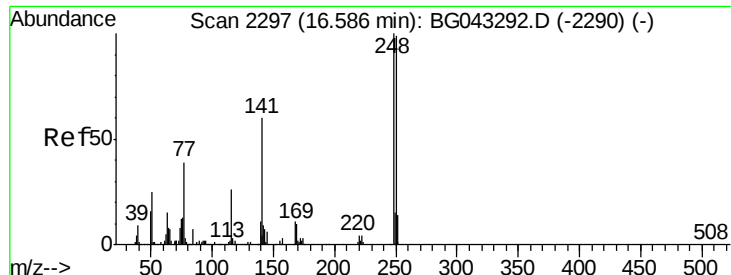
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



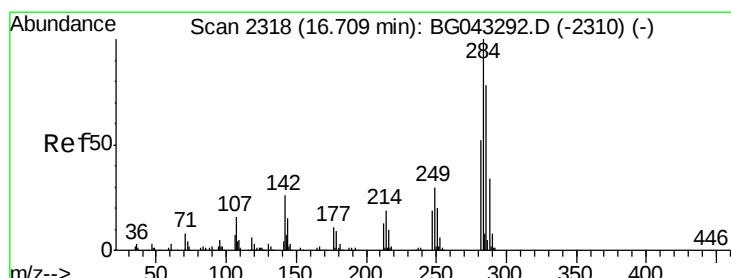
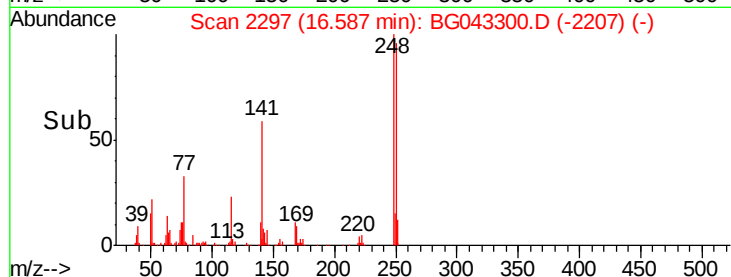
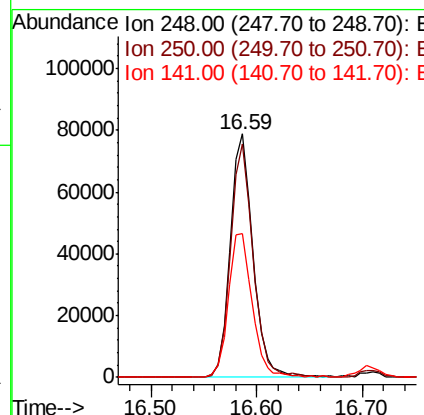
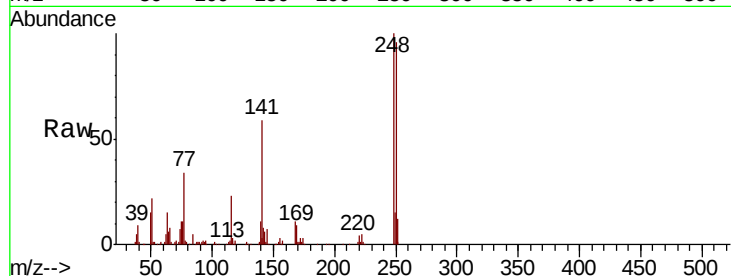
Time-->



#67
4-Bromophenyl-phenylether
Concen: 41.354 ng
RT: 16.59 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

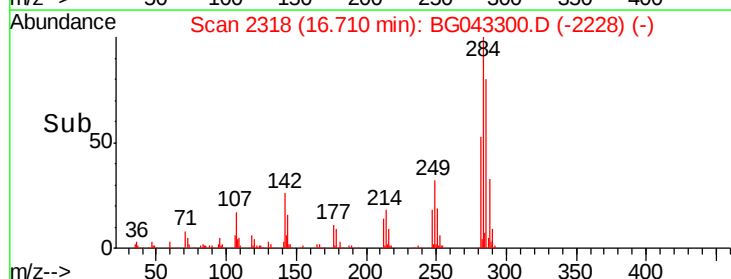
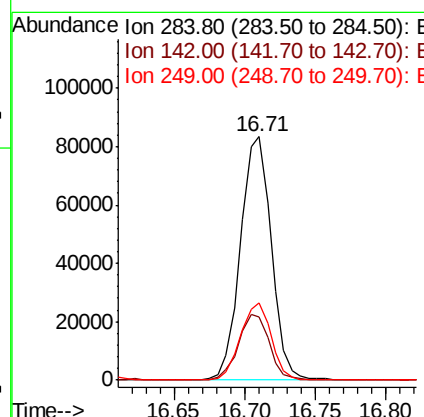
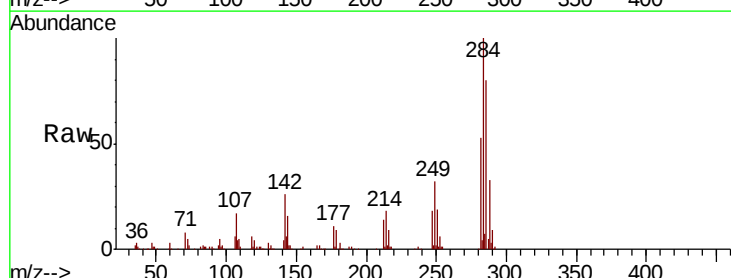
Instrument :
BNA_G
ClientSampleId :
PB123945BS

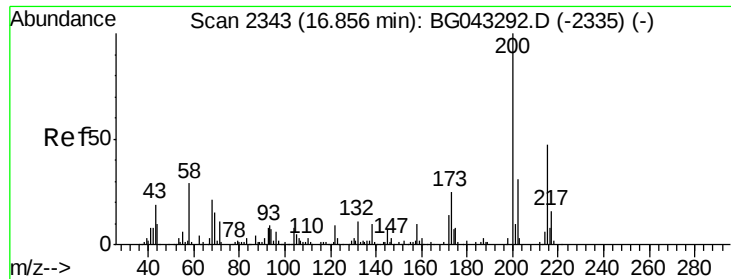
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.3	118.9
141	58.9	47.9	71.9



#68
Hexachlorobenzene
Concen: 39.246 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	21.1	31.7
249	31.6	24.4	36.6





#69

Atrazine

Concen: 55.114 ng

RT: 16.86 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

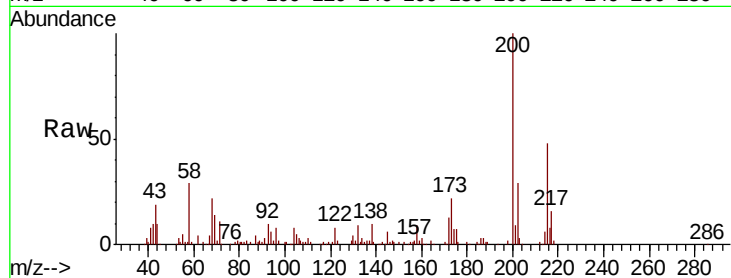
Tot Ion:200 Resp: 113827

Ion Ratio Lower Upper

200 100

173 21.9 5.1 45.1

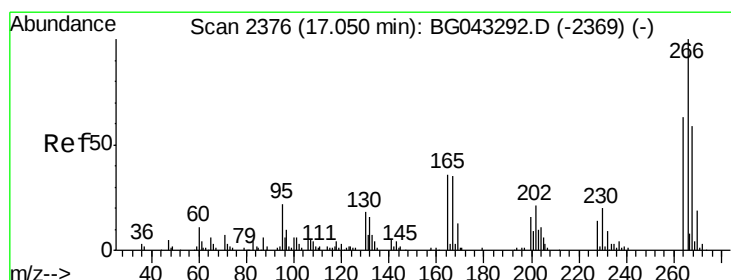
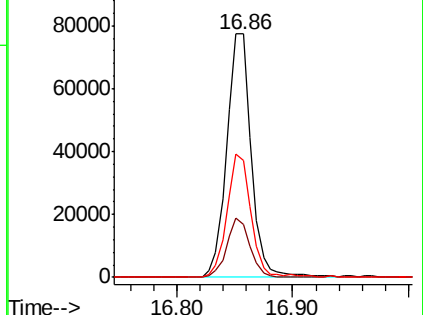
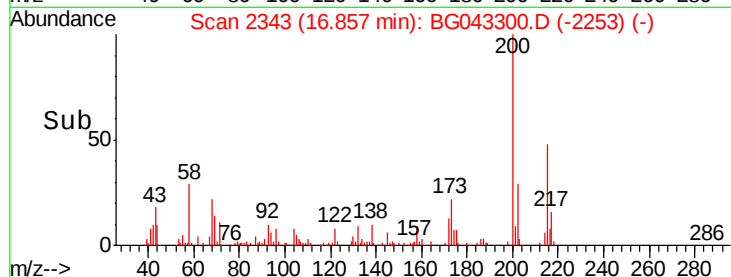
215 48.1 26.6 66.6



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: 93.875 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

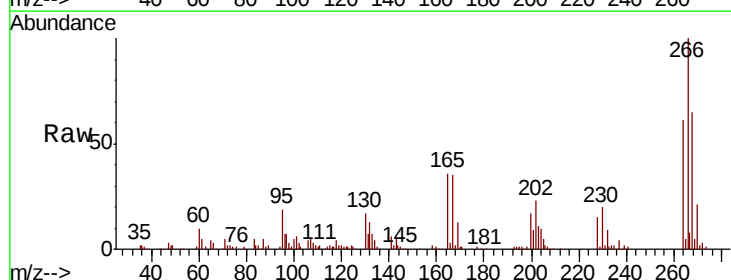
Tgt Ion:266 Resp: 139113

Ion Ratio Lower Upper

266 100

268 65.2 47.1 70.7

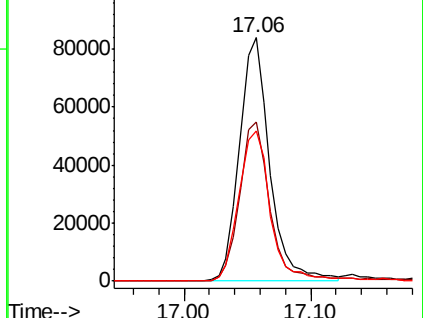
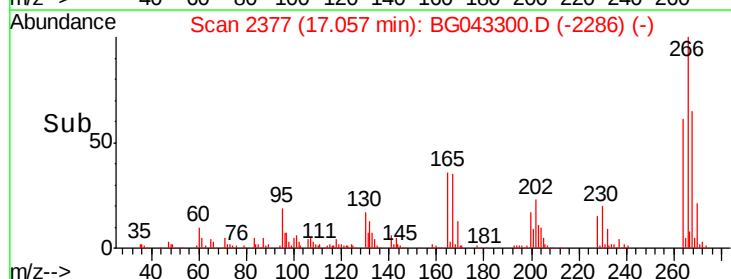
264 61.5 50.4 75.6

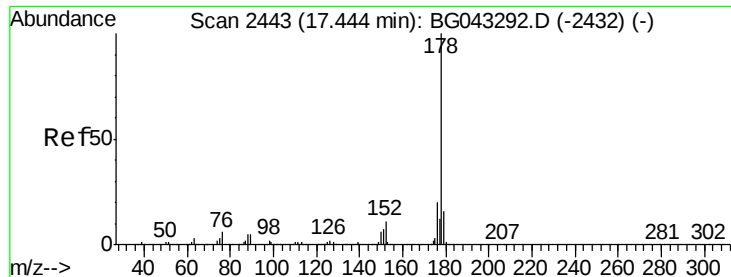


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

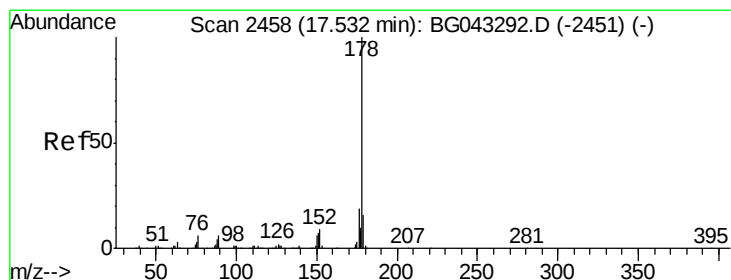
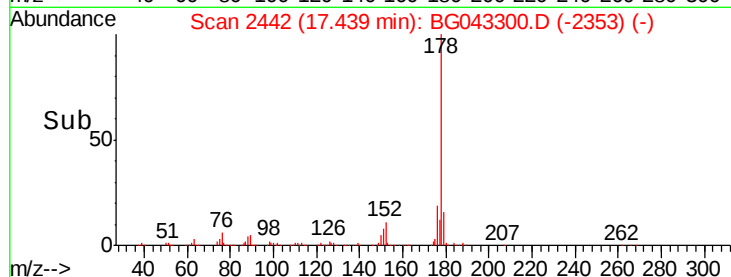
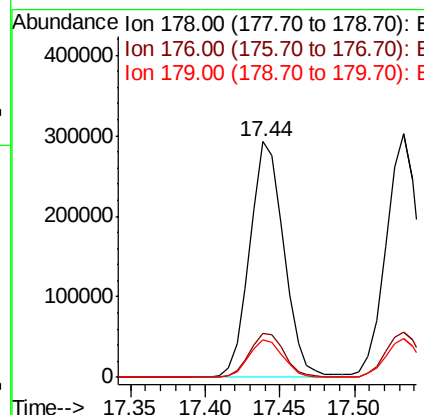
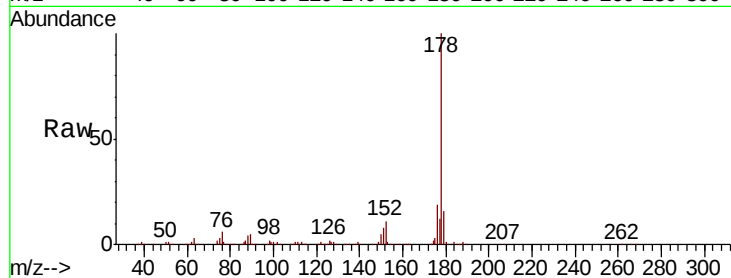




#71
Phenanthrene
Concen: 43.001 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

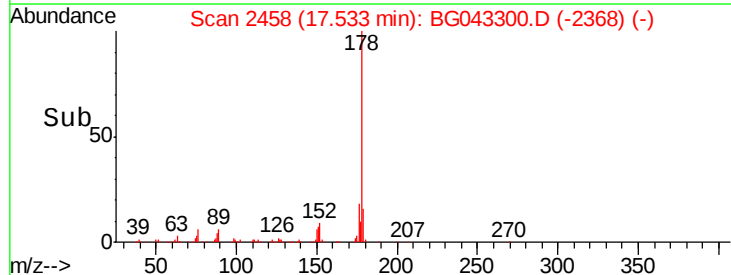
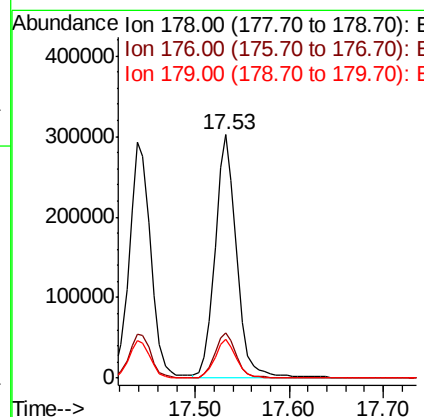
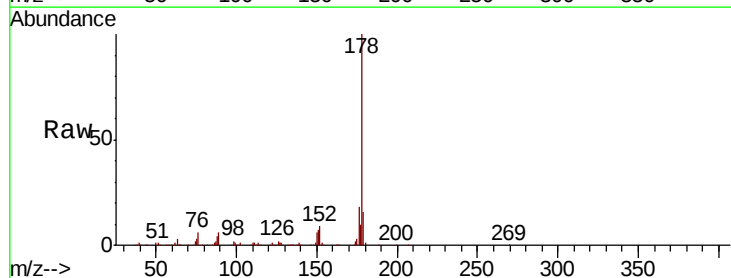
Instrument :
BNA_G
ClientSampleId :
PB123945BS

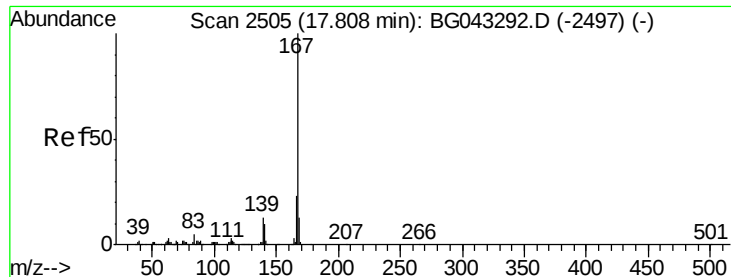
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	13.1	19.7



#72
Anthracene
Concen: 44.605 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.9	13.0	19.6





#73

Carbazole

Concen: 44.469 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

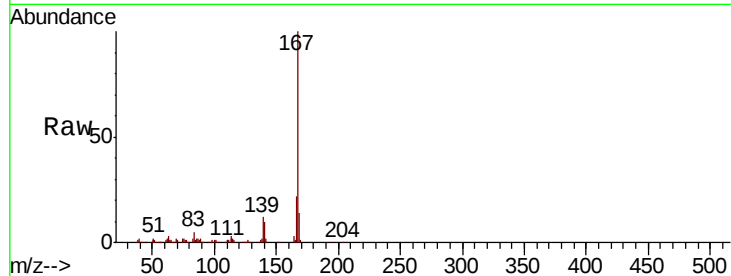
Tot Ion:167 Resp: 434358

Ion Ratio Lower Upper

167 100

166 22.4 18.4 27.6

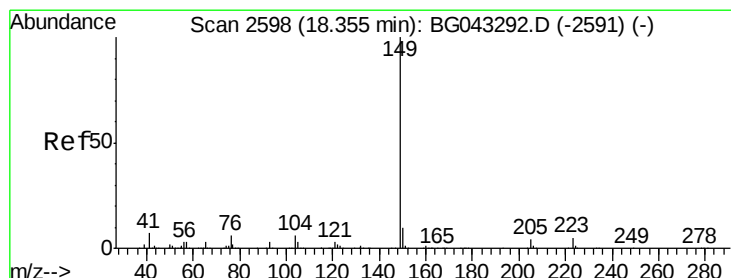
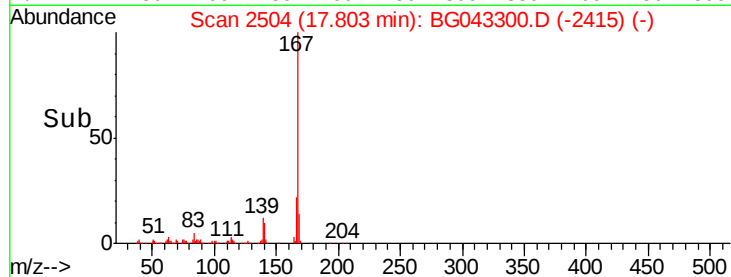
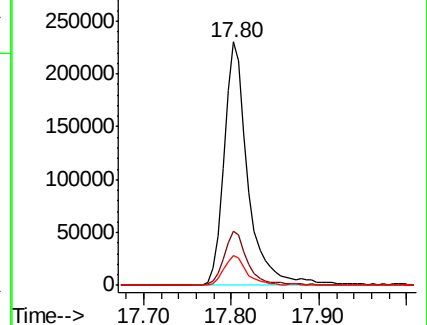
139 12.2 10.2 15.4



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: 44.632 ng

RT: 18.36 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

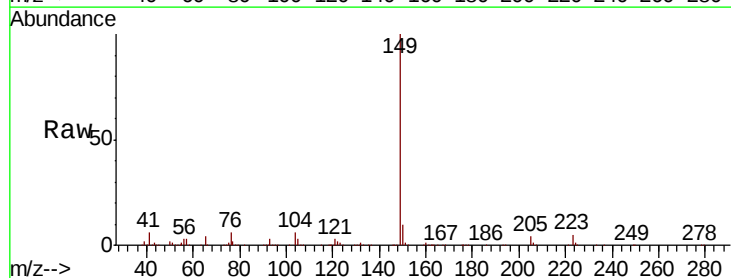
Tgt Ion:149 Resp: 528957

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

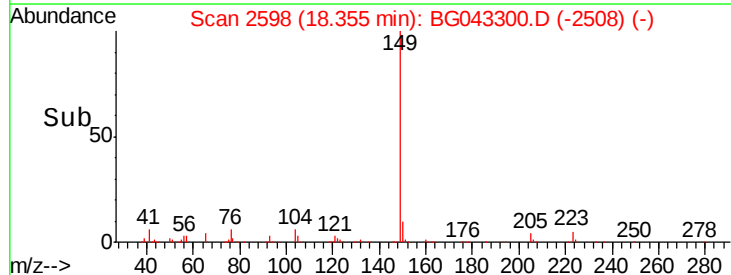
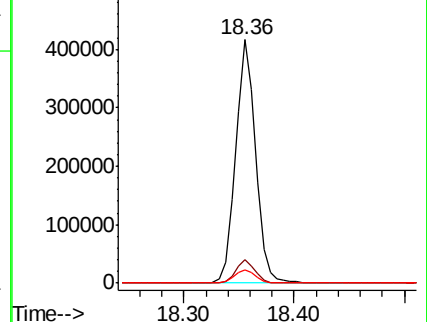
104 5.6 4.7 7.1

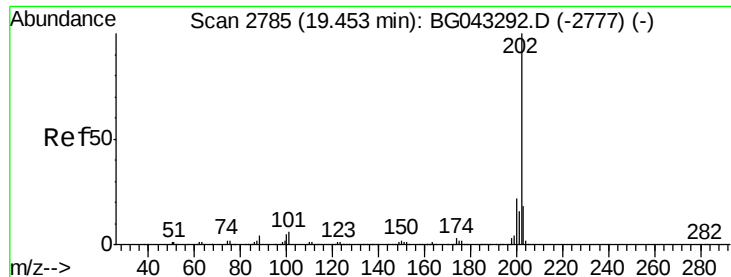


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.107 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampled :

PB123945BS

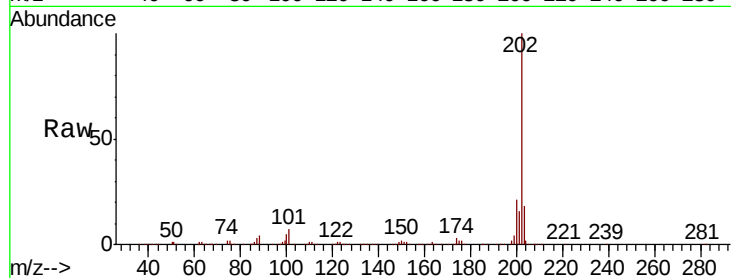
Tot Ion:202 Resp: 648012

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.0

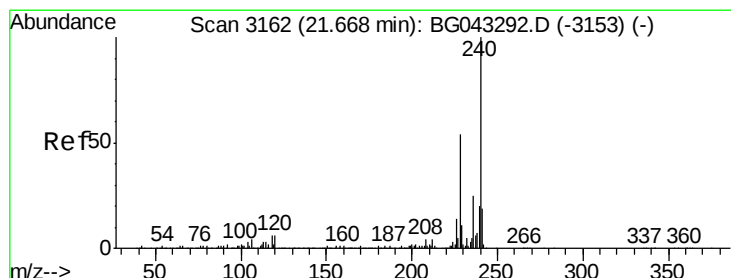
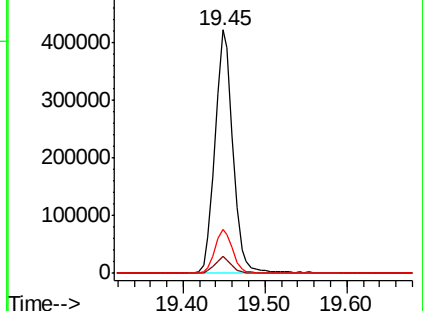
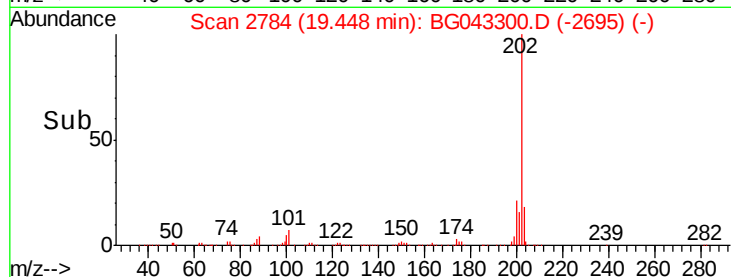
203 18.0 0.0 38.2



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: BG043300.D

Acq: 22 Oct 2019 10:32

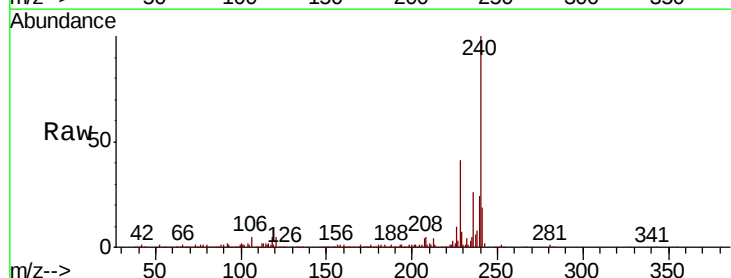
Tgt Ion:240 Resp: 261143

Ion Ratio Lower Upper

240 100

120 5.0 4.6 7.0

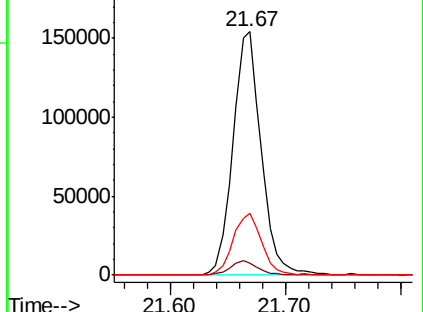
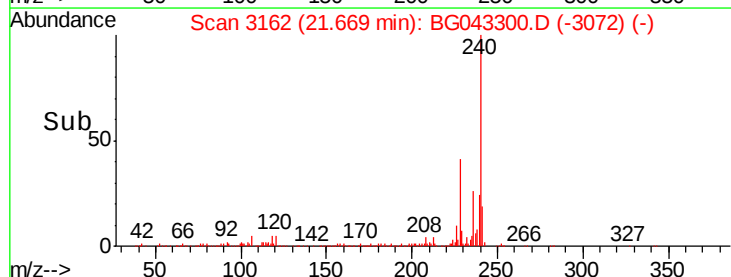
236 25.6 20.2 30.4

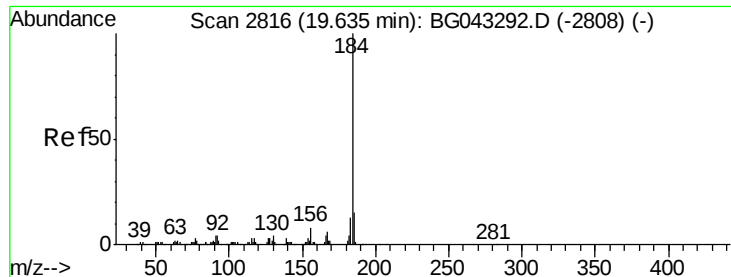


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.800 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

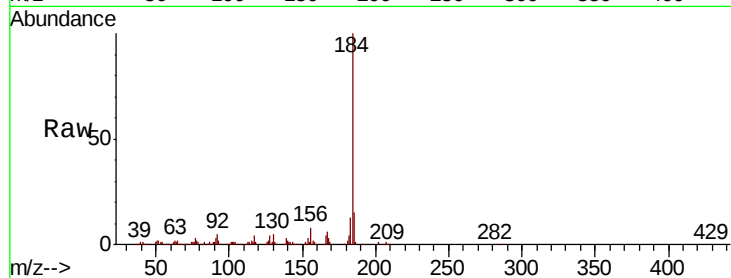
Tot Ion:184 Resp: 314283

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

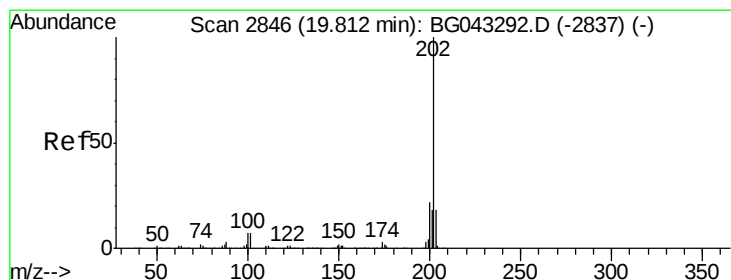
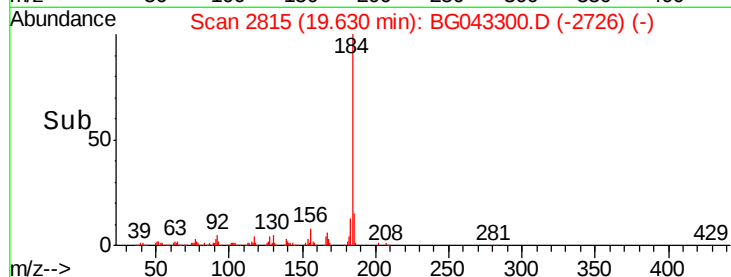
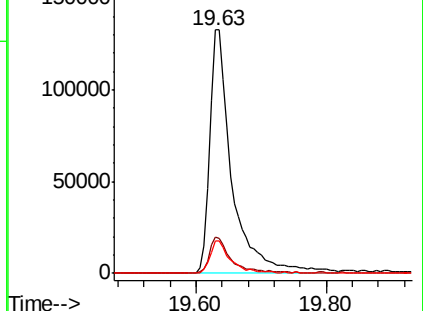
183 13.2 10.6 16.0



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: 40.870 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

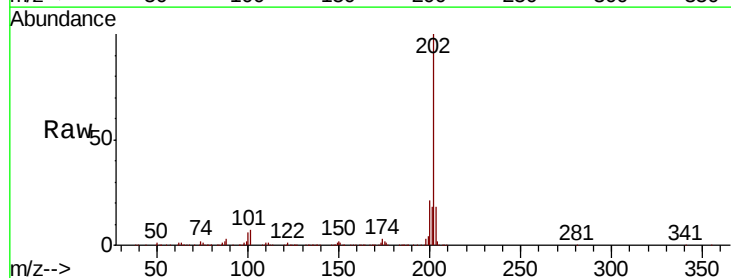
Tgt Ion:202 Resp: 660645

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

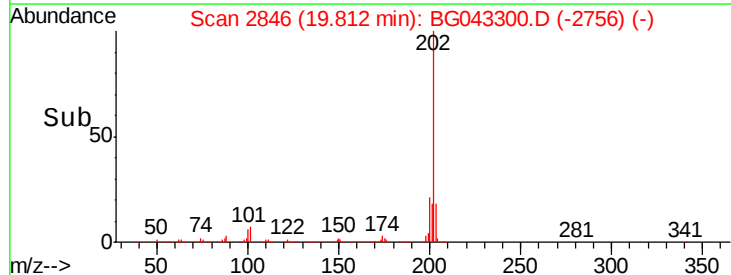
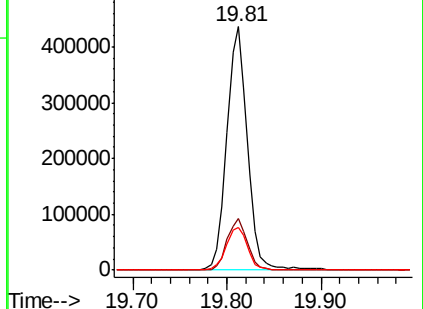
203 17.8 14.5 21.7

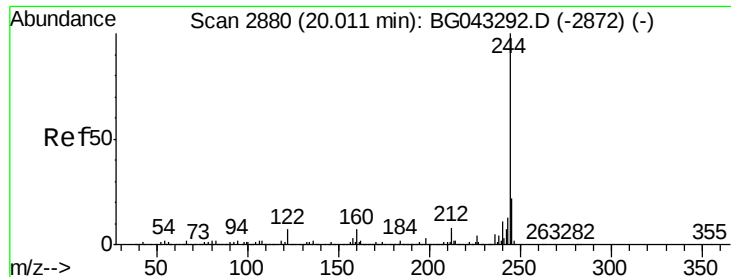


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.545 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

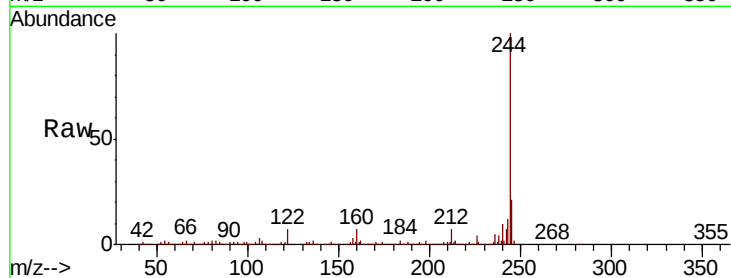
Tot Ion:244 Resp: 884526

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

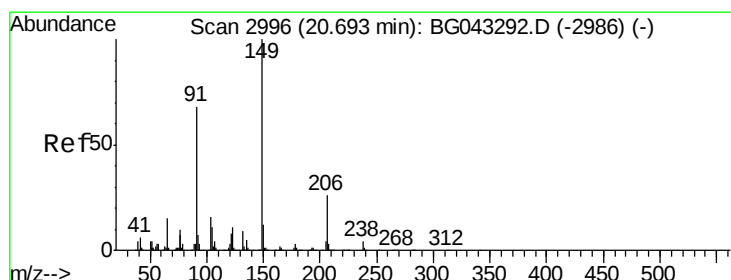
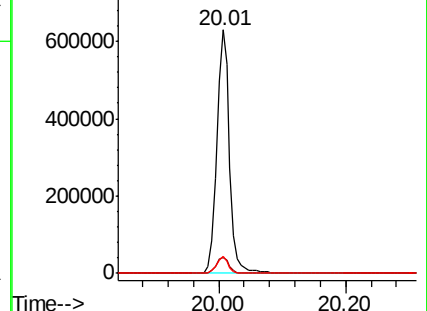
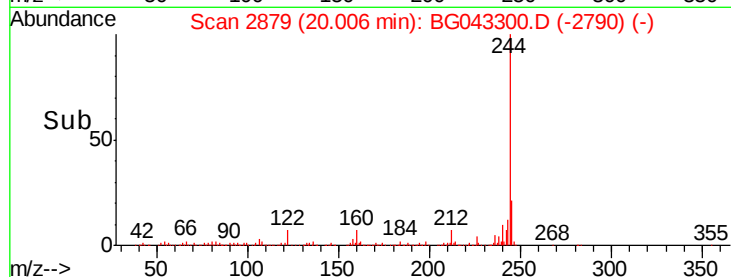
122 7.1 5.3 7.9



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: 41.319 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

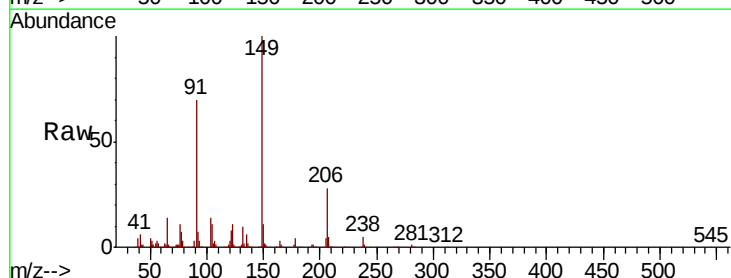
Tgt Ion:149 Resp: 253038

Ion Ratio Lower Upper

149 100

91 69.9 54.6 82.0

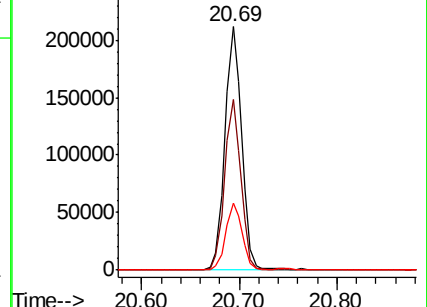
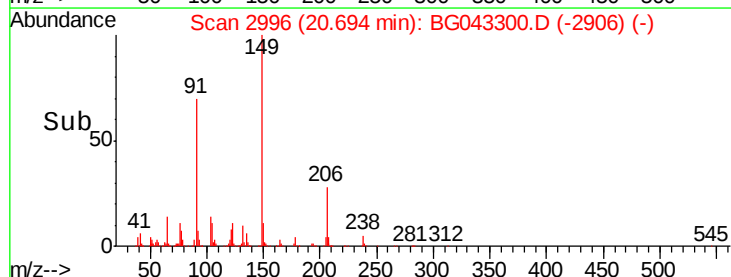
206 27.7 20.5 30.7

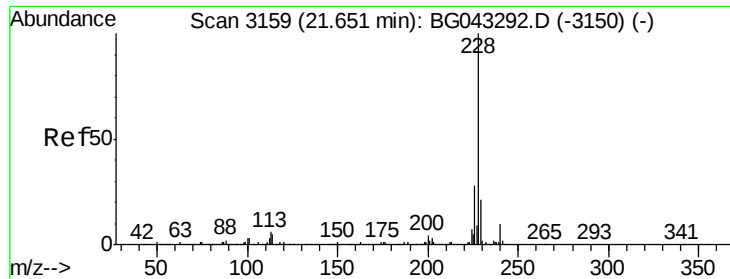


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.782 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

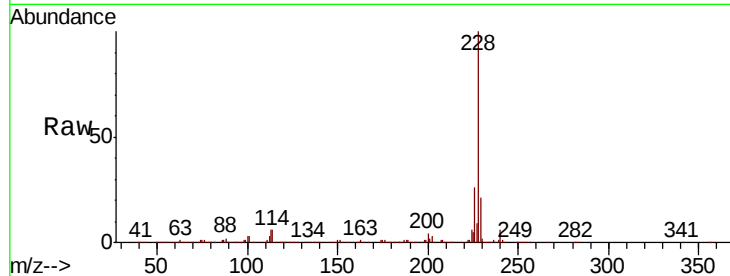
Tot Ion:228 Resp: 699820

Ion Ratio Lower Upper

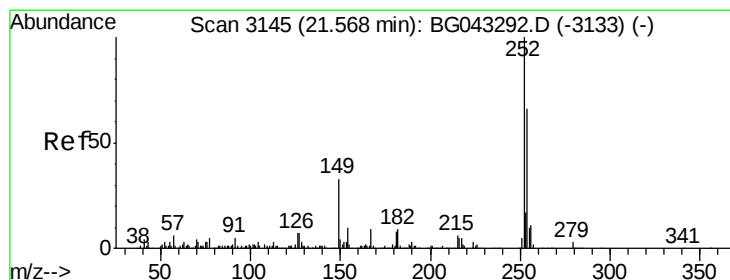
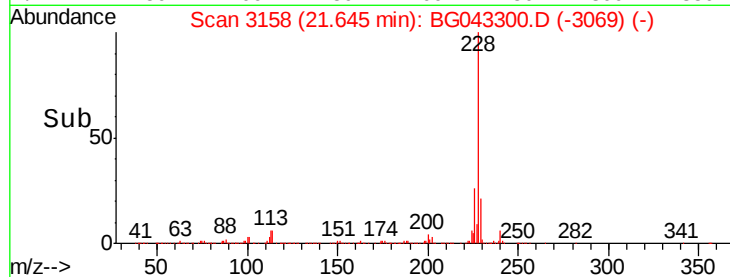
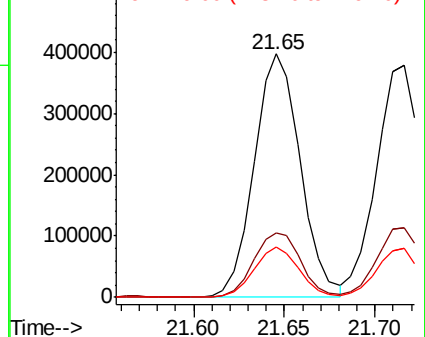
228 100

226 26.4 22.2 33.4

229 20.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.865 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

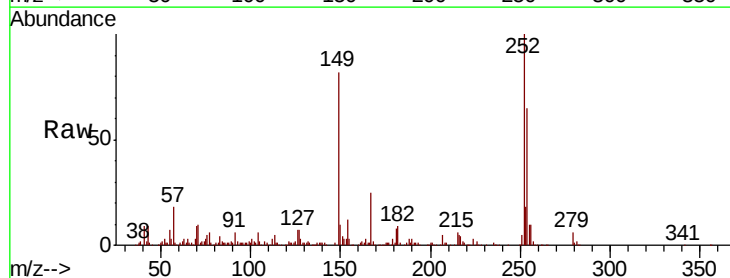
Tgt Ion:252 Resp: 207933

Ion Ratio Lower Upper

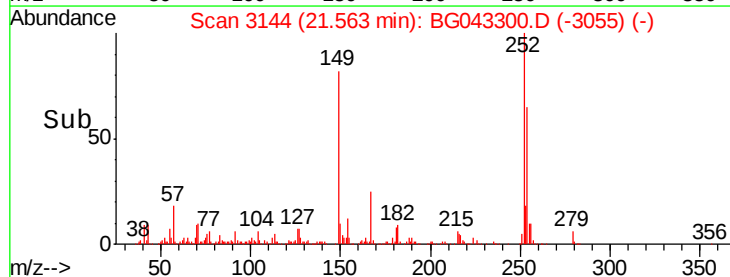
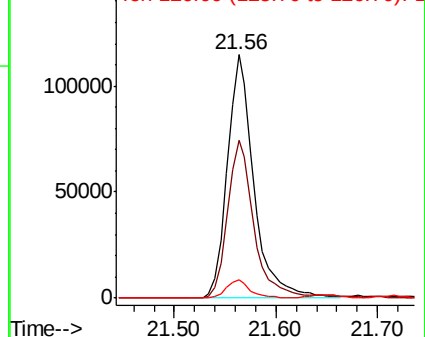
252 100

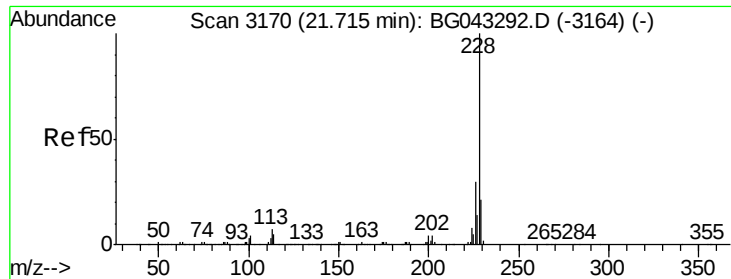
254 64.8 52.7 79.1

126 7.3 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.486 ng

RT: 21.72 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

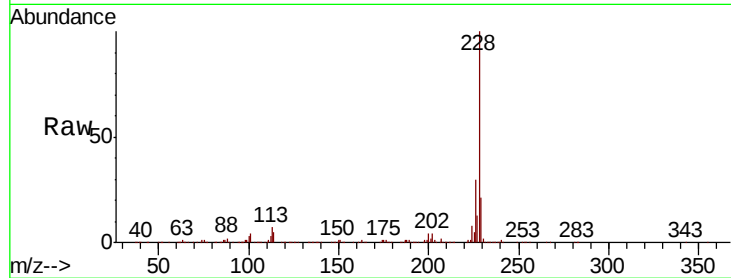
BNA_G

ClientSampleId :

PB123945BS

Tot Ion:228 Resp: 674262

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	21.1	16.3	24.5



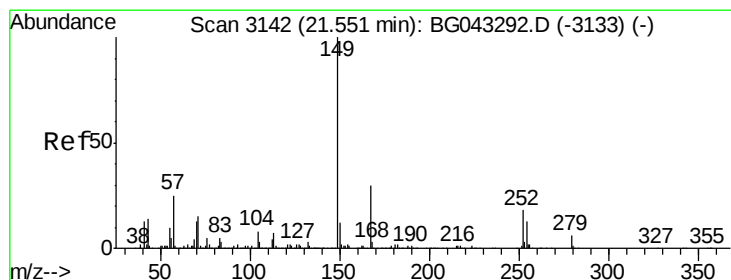
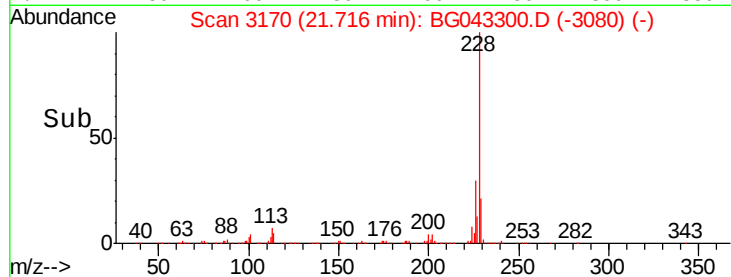
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.016 ng

RT: 21.55 min Scan# 3142

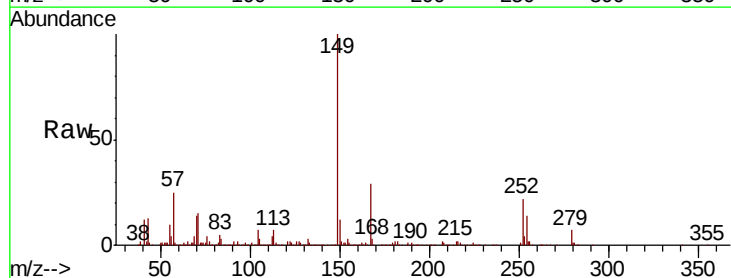
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:149 Resp: 365507

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.9	35.9
279	7.1	4.8	7.2



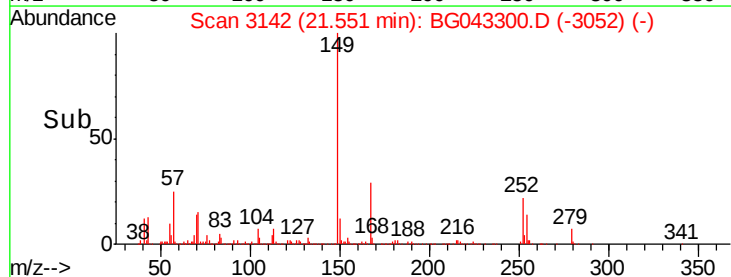
Abundance

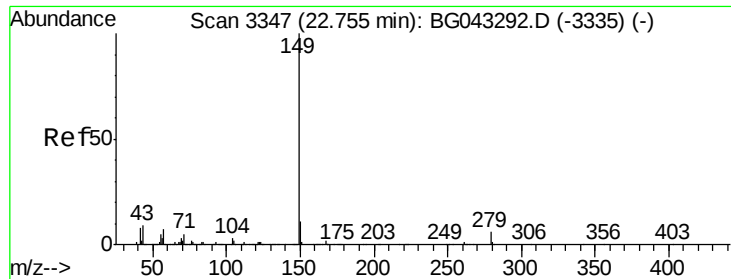
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#85

Di-n-octyl phthalate

Concen: 42.345 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

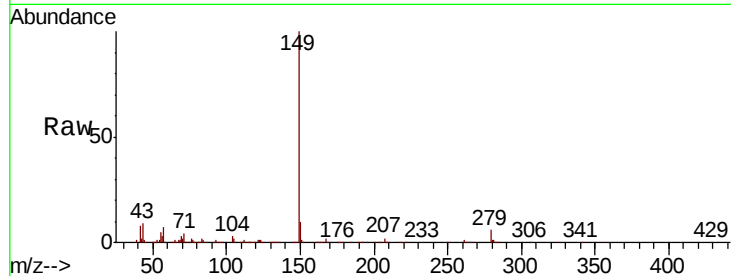
Tot Ion:149 Resp: 624974

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

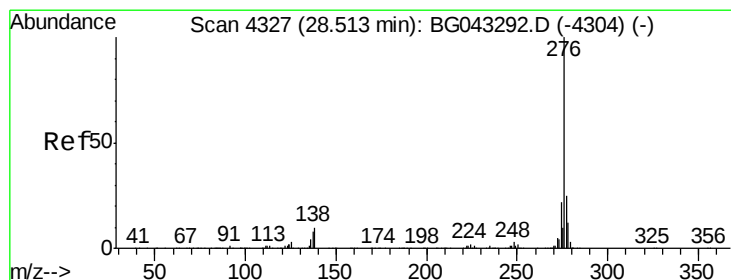
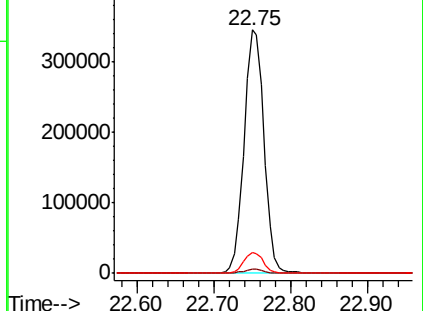
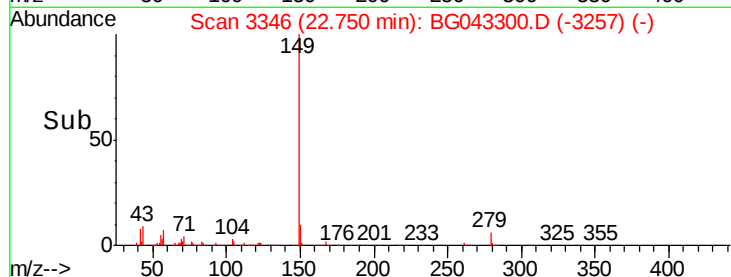
43 8.4 6.9 10.3



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: 42.459 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

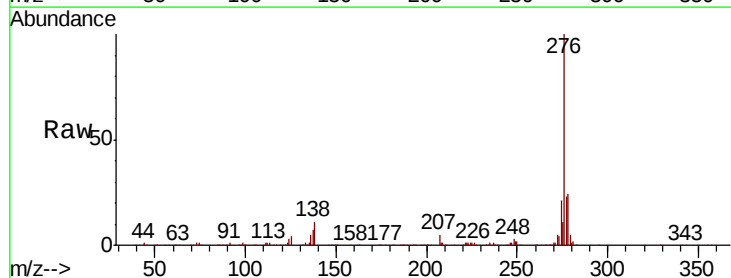
Tgt Ion:276 Resp: 866220

Ion Ratio Lower Upper

276 100

138 13.8 7.2 10.8#

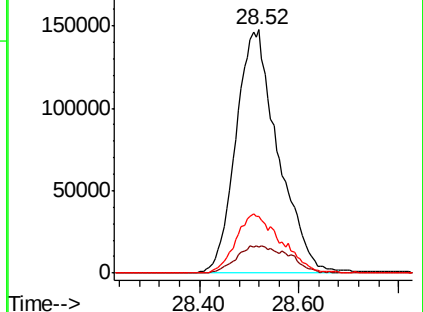
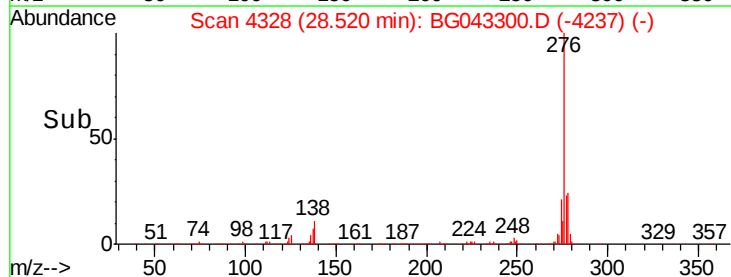
277 26.2 20.9 31.3

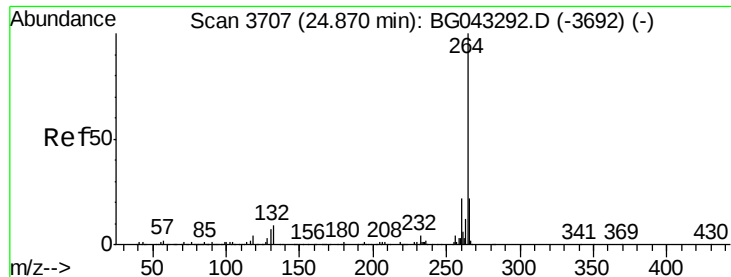


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3707

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

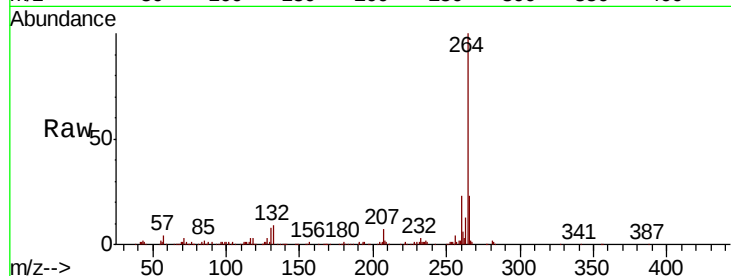
BNA_G

ClientSampleId :

PB123945BS

Tot Ion:264 Resp: 296015

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.6	17.4	26.2

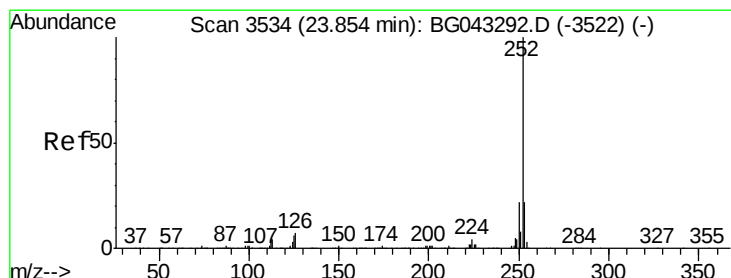
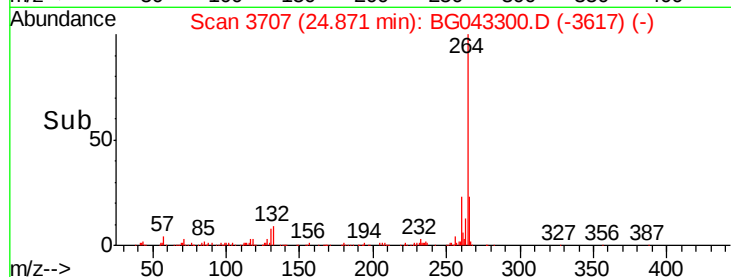
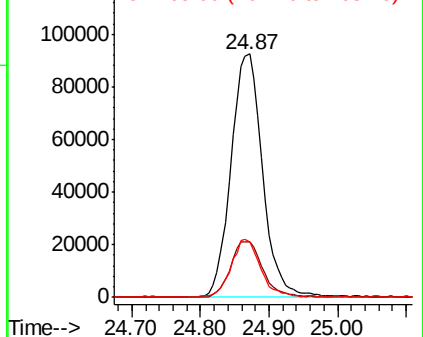


Abundance

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: 43.019 ng

RT: 23.85 min Scan# 3534

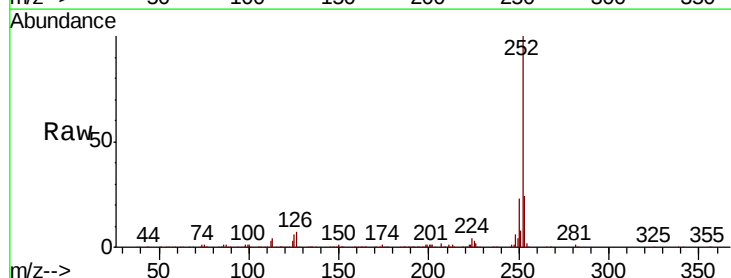
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:252 Resp: 721229

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	5.9	5.0	7.6

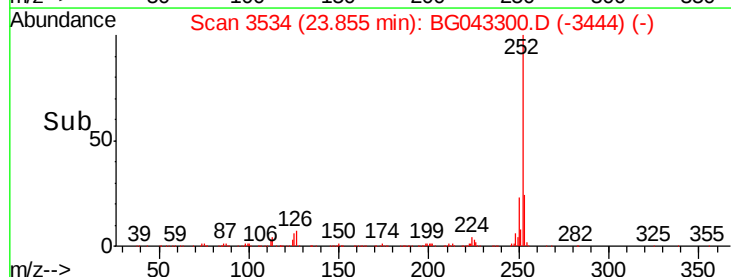
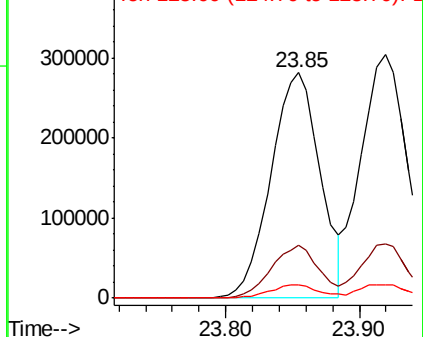


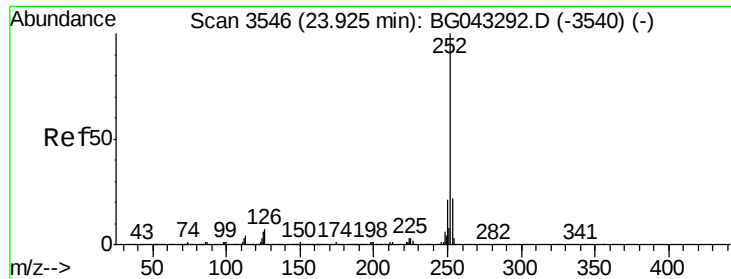
Abundance

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: 44.104 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

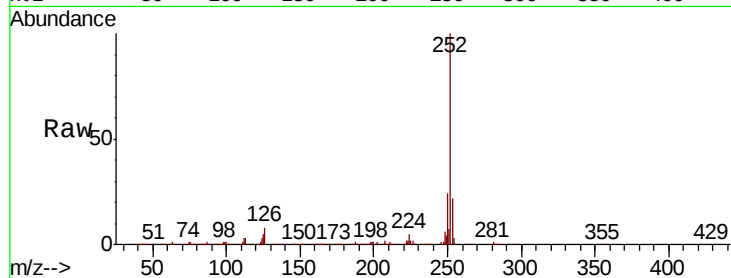
Tot Ion:252 Resp: 744375

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

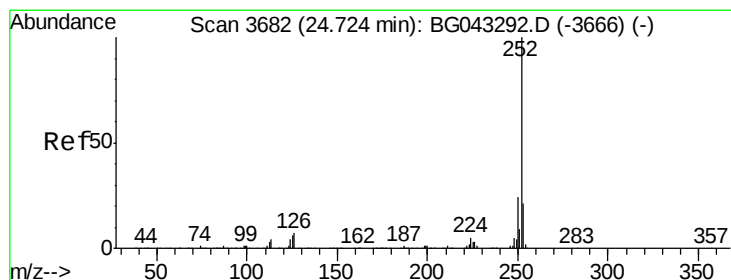
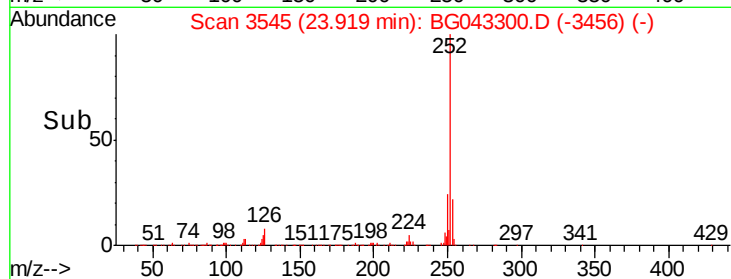
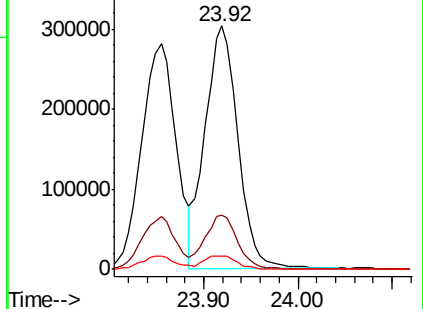
125 5.4 4.5 6.7



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: 42.979 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

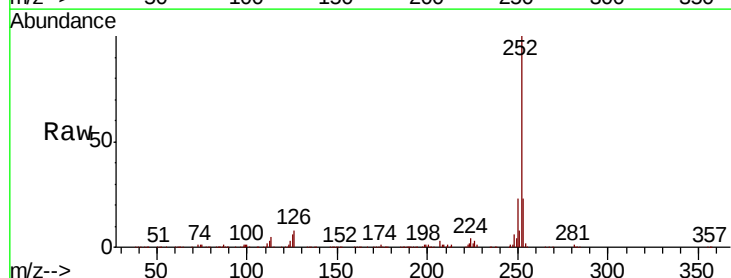
Tgt Ion:252 Resp: 688085

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

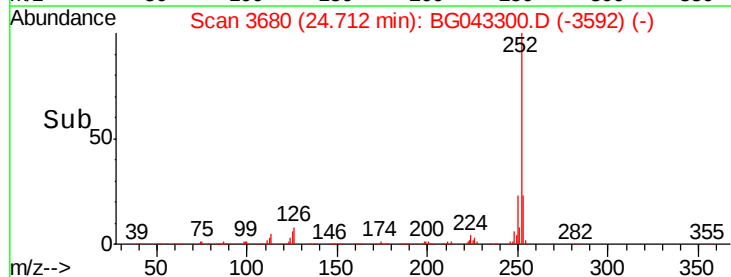
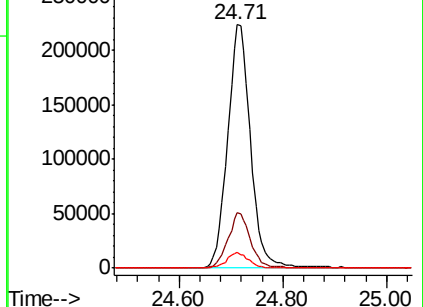
125 6.4 5.0 7.6

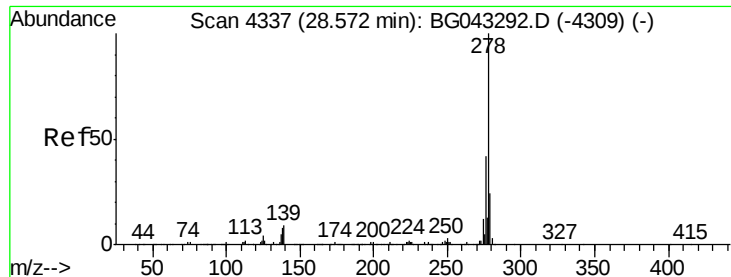


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.642 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

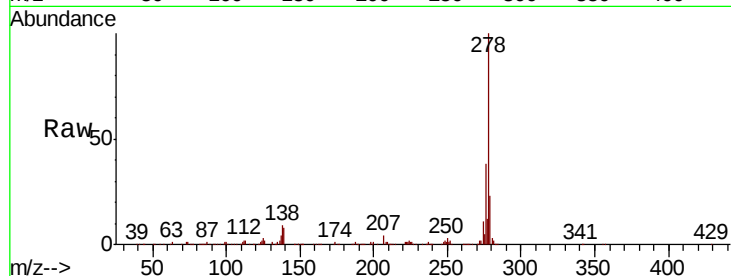
Tot Ion:278 Resp: 731031

Ion Ratio Lower Upper

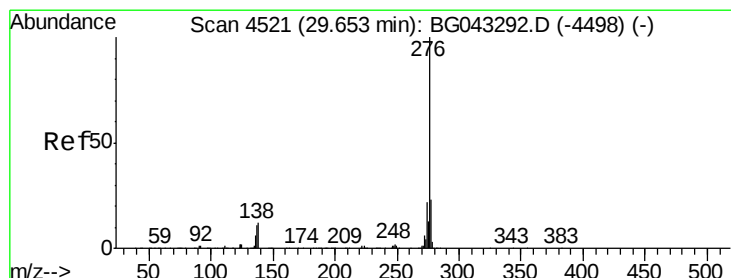
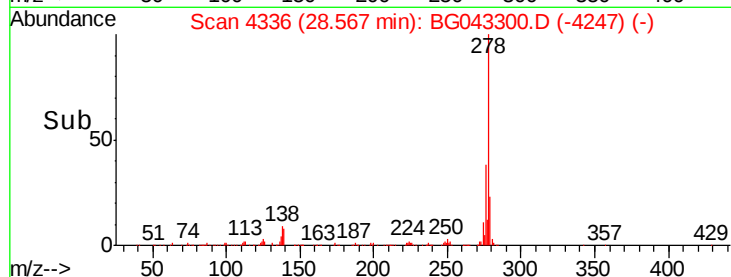
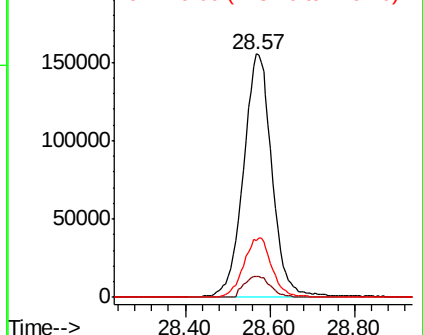
278 100

139 8.5 6.8 10.2

279 23.1 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: 44.953 ng

RT: 29.65 min Scan# 4521

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

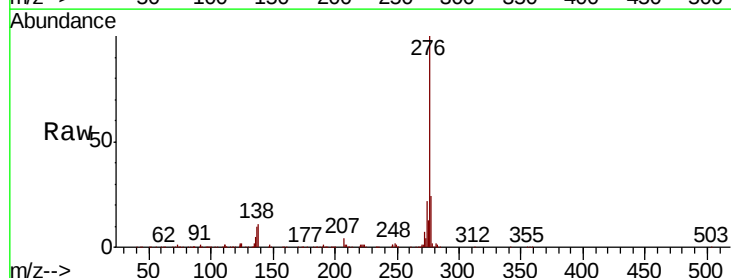
Tgt Ion:276 Resp: 726122

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 11.2 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

