

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043609.D
 Acq On : 12 Nov 2019 8:41
 Operator : JU
 Sample : K5762-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 10:15:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43303	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	165868	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	118142	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	252427	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	225252	20.00	ng	-0.01
87) Perylene-d12	24.83	264	273070	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	150804	63.82	ng	0.01
7) Phenol-d6	7.21	99	148138	43.57	ng	0.01
23) Nitrobenzene-d5	9.17	82	263990	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	166493	74.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	692784	81.03	ng	0.00
79) Terphenyl-d14	19.99	244	999364	83.23	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	18577	20.173	ng	# 90
3) Pyridine	3.86	79	36947	15.905	ng	96
4) n-Nitrosodimethylamine	3.78	42	30963	26.414	ng	# 85
6) Aniline	7.33	93	17233	4.400	ng	# 74
8) 2-Chlorophenol	7.58	128	112553	43.147	ng	98
9) Benzaldehyde	7.14	77	66252	39.651	ng	95
10) Phenol	7.24	94	96696	31.123	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	93993	39.130	ng	99
12) 1,3-Dichlorobenzene	7.89	146	111604	34.147	ng	97
13) 1,4-Dichlorobenzene	8.04	146	117543	35.546	ng	98
14) 1,2-Dichlorobenzene	8.35	146	112201	34.751	ng	93
15) Benzyl Alcohol	8.25	79	93077	38.980	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126979	36.355	ng	98
17) 2-Methylphenol	8.48	107	90022	39.746	ng	98
18) Hexachloroethane	9.08	117	40905	34.286	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	84036	38.250	ng	# 96
20) 3+4-Methylphenols	8.81	107	115947	37.333	ng	# 87
22) Acetophenone	8.82	105	172584	40.630	ng	# 92
24) Nitrobenzene	9.21	77	165759	54.084	ng	# 98
25) Isophorone	9.73	82	238646	40.571	ng	99
26) 2-Nitrophenol	9.92	139	72655	49.102	ng	95
27) 2,4-Dimethylphenol	10.00	122	91704	43.241	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	127942	39.410	ng	99
29) 2,4-Dichlorophenol	10.48	162	128200	47.180	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	129844	37.913	ng	96
31) Naphthalene	10.86	128	348007	41.334	ng	98
32) Benzoic acid	10.17	122	35419	26.798	ng	97
33) 4-Chloroaniline	10.99	127	14316	4.148	ng	# 90
34) Hexachlorobutadiene	11.14	225	90539	35.763	ng	95
35) Caprolactam	11.77	113	11176	11.942	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	130535	44.040	ng	100
37) 2-Methylnaphthalene	12.46	142	265617	41.117	ng	99
38) 1-Methylnaphthalene	12.68	142	252417	41.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	172566	39.468	ng	99

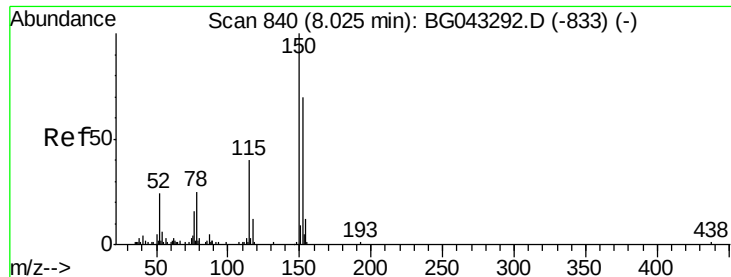
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043609.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165667	72.130	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	116827	45.372	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	121926	46.838	ng	97
46) 1,1'-Biphenyl	13.46	154	392008	43.617	ng	97
47) 2-Chloronaphthalene	13.51	162	275019	40.217	ng	98
48) 2-Nitroaniline	13.72	65	36196	17.710	ng	97
49) Acenaphthylene	14.36	152	435924	40.959	ng	100
50) Dimethylphthalate	14.09	163	460251	50.296	ng	99
51) 2,6-Dinitrotoluene	14.21	165	83527	42.015	ng	98
52) Acenaphthene	14.70	154	266786	41.104	ng	98
53) 3-Nitroaniline	14.55	138	12313	6.415	ng	86
54) 2,4-Dinitrophenol	14.76	184	106107	84.974	ng	93
55) Dibenzofuran	15.03	168	438080	41.622	ng	97
56) 4-Nitrophenol	14.92	139	60975	47.405	ng	97
57) 2,4-Dinitrotoluene	15.00	165	114683	40.366	ng	# 99
58) Fluorene	15.68	166	363049	41.126	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	112092	40.529	ng	94
60) Diethylphthalate	15.45	149	374840	40.767	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	209771	40.733	ng	99
62) 4-Nitroaniline	15.72	138	4481	2.261	ng	92
63) Azobenzene	15.96	77	300738	40.414	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	69232	46.604	ng	96
66) n-Nitrosodiphenylamine	15.89	169	313431	43.980	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	145854	42.935	ng	97
68) Hexachlorobenzene	16.69	284	161756	41.482	ng	100
69) Atrazine	16.84	200	118958	48.037	ng	96
70) Pentachlorophenol	17.04	266	139576	78.553	ng	97
71) Phenanthrene	17.42	178	527552	40.813	ng	99
72) Anthracene	17.51	178	539371	41.706	ng	99
73) Carbazole	17.79	167	424287	36.228	ng	99
74) Di-n-butylphthalate	18.34	149	545442	38.383	ng	# 99
75) Fluoranthene	19.43	202	595772	35.354	ng	99
78) Pyrene	19.79	202	595409	42.704	ng	99
80) Butylbenzylphthalate	20.67	149	220458	41.735	ng	95
81) Benzo(a)anthracene	21.63	228	616140	43.668	ng	99
83) Chrysene	21.69	228	594084	42.377	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	331441	44.170	ng	99
85) Di-n-octyl phthalate	22.72	149	570043	44.778	ng	98
86) Indeno(1,2,3-cd)pyrene	28.47	276	791200	44.961	ng	99
88) Benzo(b)fluoranthene	23.82	252	646147	41.779	ng	99
89) Benzo(k)fluoranthene	23.89	252	660227	42.405	ng	100
90) Benzo(a)pyrene	24.68	252	586754	39.729	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	669857	44.343	ng	100
92) Benzo(g,h,i)perylene	29.61	276	663350	44.518	ng	98

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

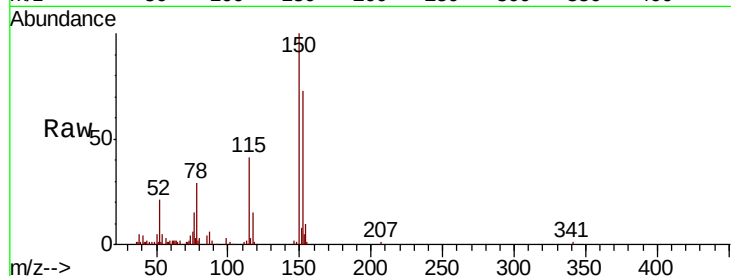


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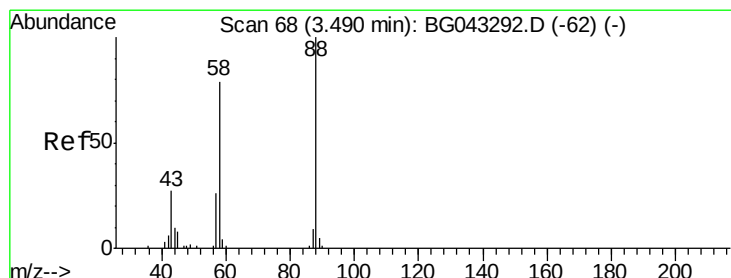
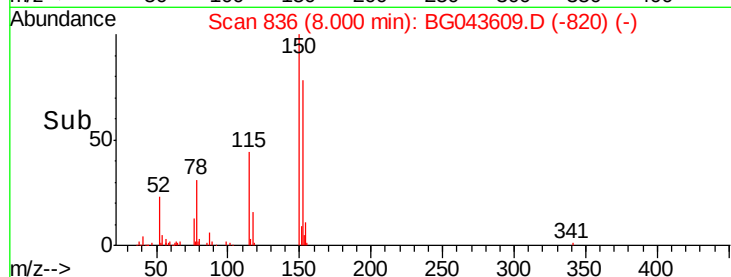
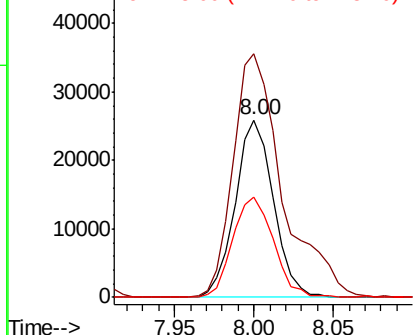
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43303
Ion Ratio Lower Upper
152 100
150 137.4 129.4 194.0
115 56.9 48.8 73.2



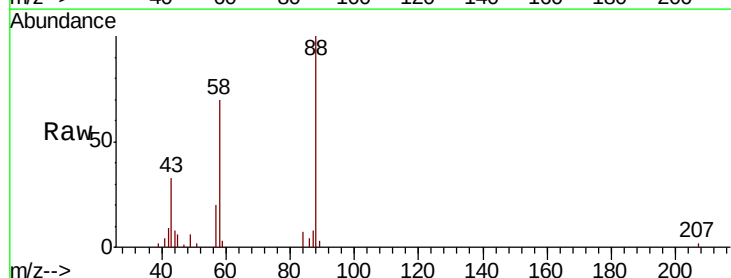
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



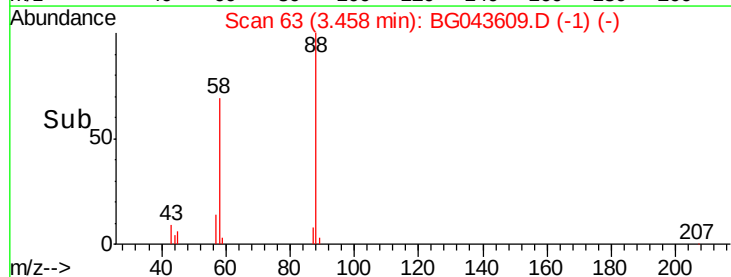
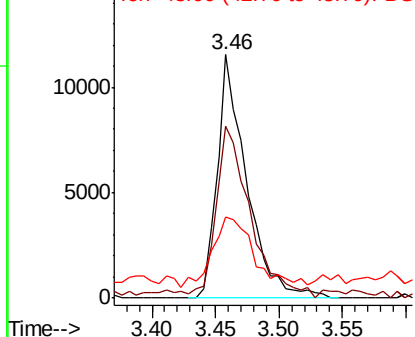
#2

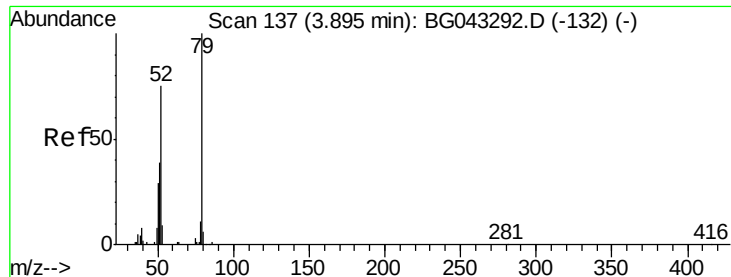
1,4-Dioxane
Concen: 20.173 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion: 88 Resp: 18577
Ion Ratio Lower Upper
88 100
58 82.8 62.7 94.1
43 41.7 23.7 35.5#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.905 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

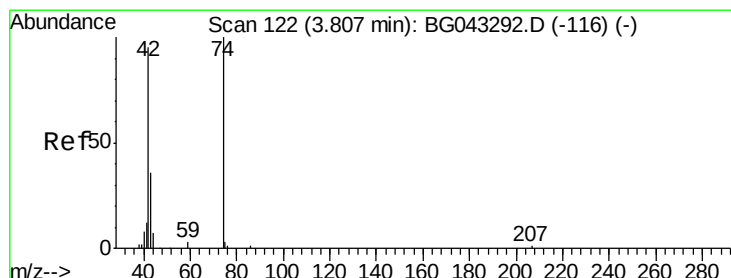
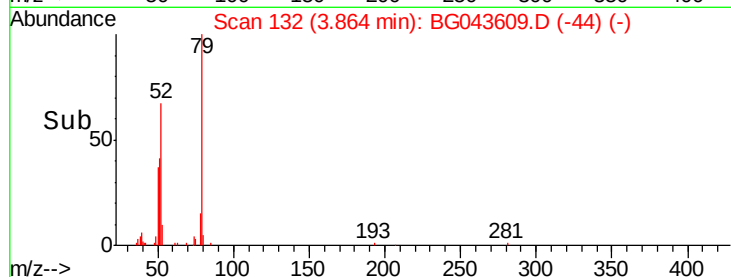
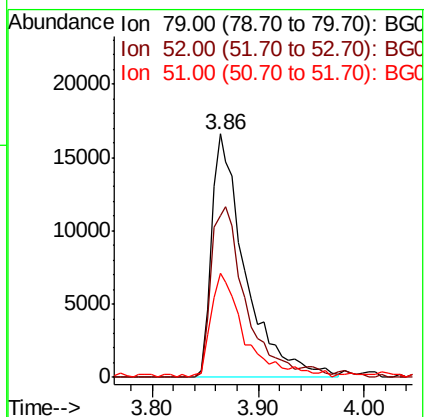
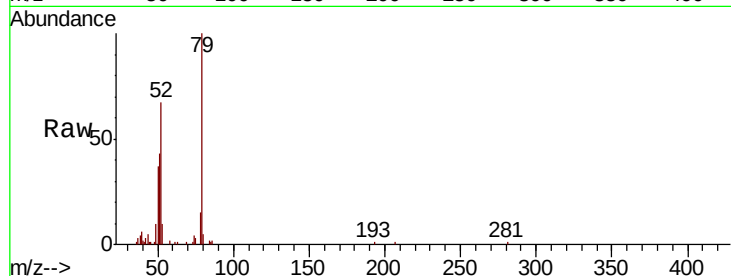
Tot Ion: 79 Resp: 36947

Ion Ratio Lower Upper

79 100

52 66.7 56.5 84.7

51 42.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 26.414 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

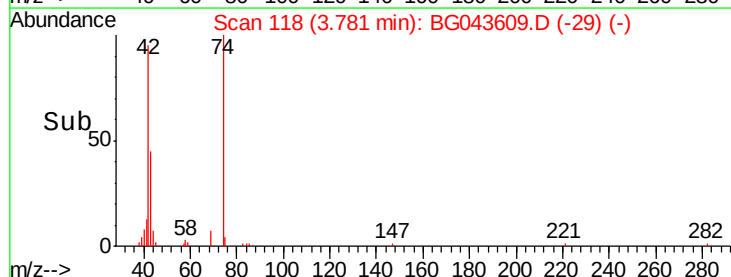
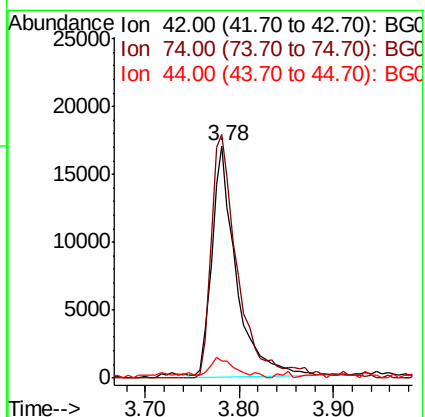
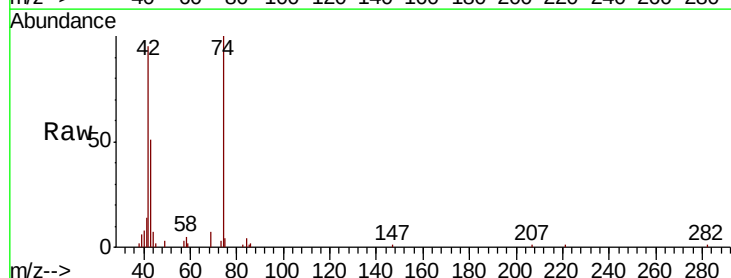
Tgt Ion: 42 Resp: 30963

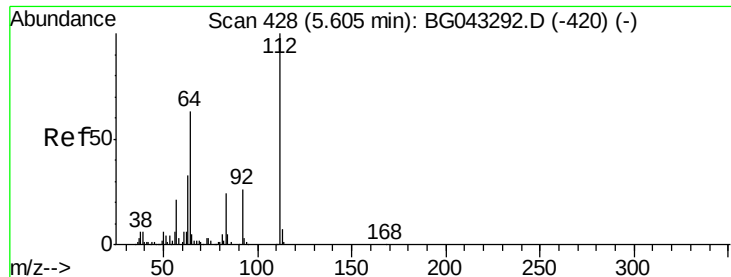
Ion Ratio Lower Upper

42 100

74 104.8 97.3 145.9

44 7.3 4.4 6.6#





#5

2-Fluorophenol

Concen: 63.816 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

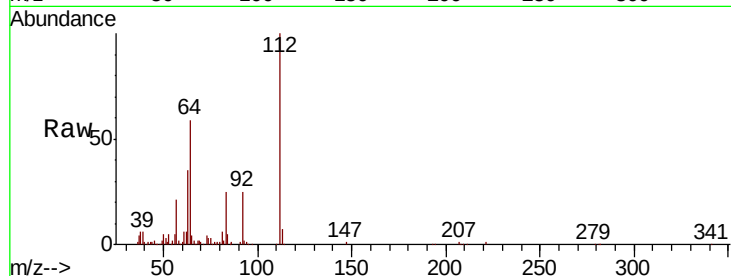
Tot Ion:112 Resp: 150804

Ion Ratio Lower Upper

112 100

64 59.3 50.0 75.0

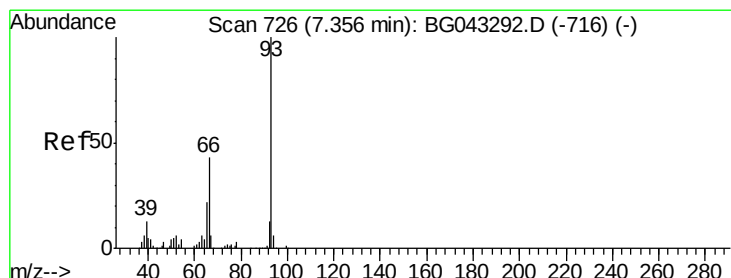
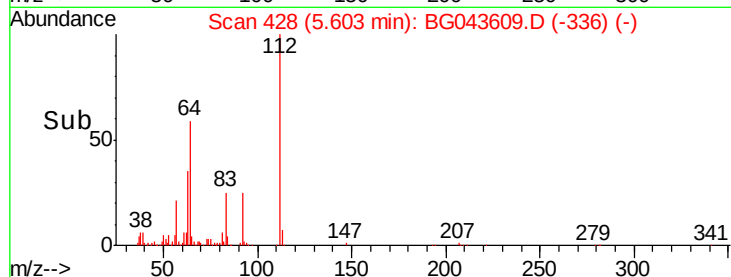
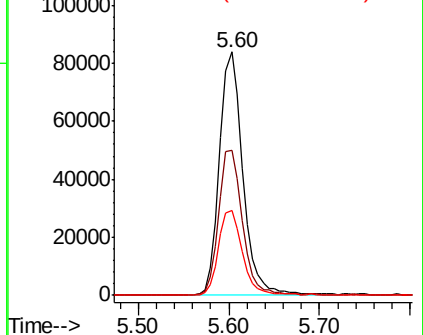
63 34.7 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.400 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

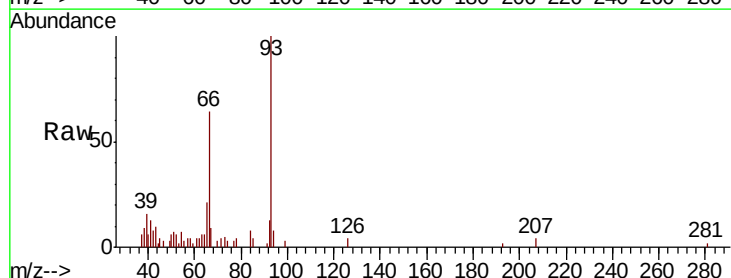
Tgt Ion: 93 Resp: 17233

Ion Ratio Lower Upper

93 100

66 63.9 32.3 48.5#

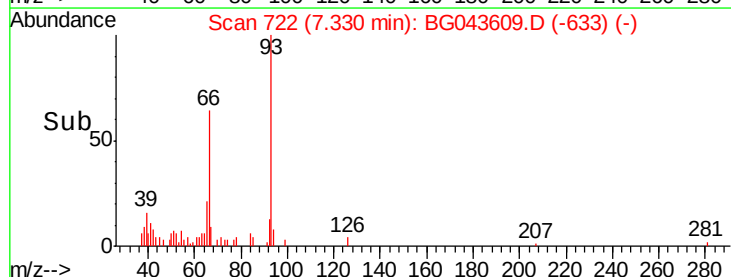
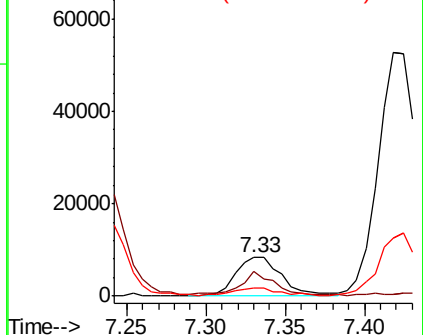
65 20.6 16.1 24.1

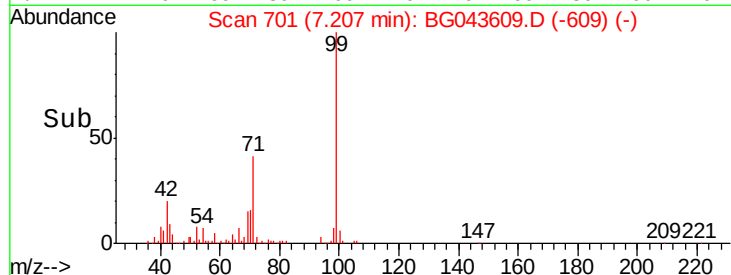
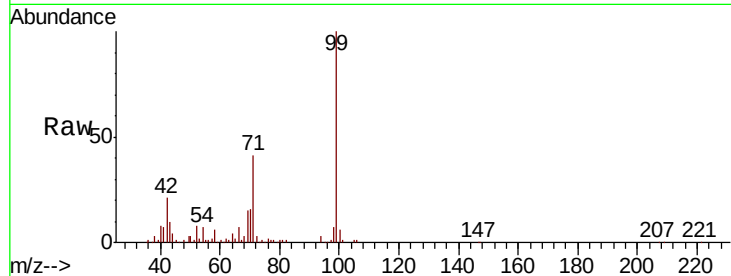
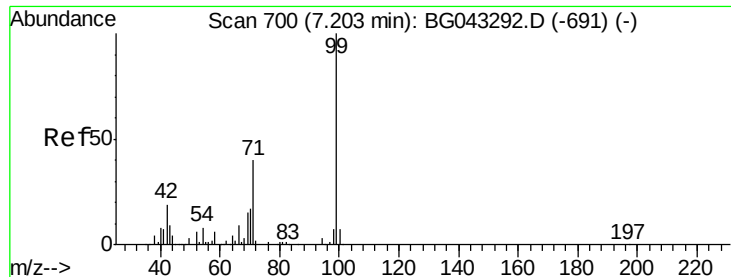


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.570 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

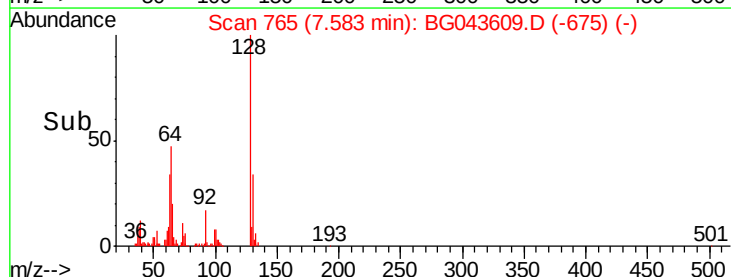
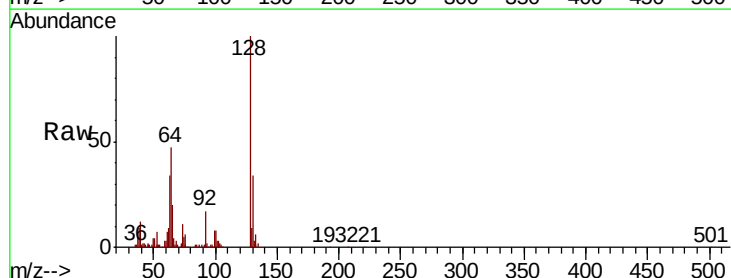
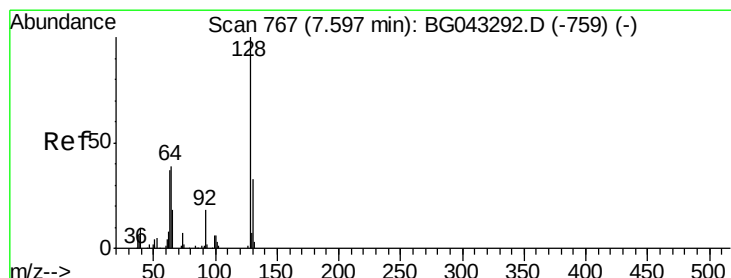
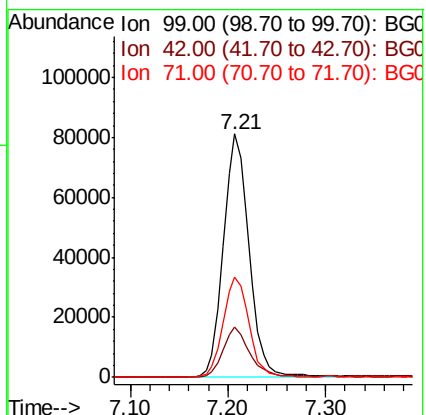
Tot Ion: 99 Resp: 148138

Ion Ratio Lower Upper

99 100

42 20.6 14.6 21.8

71 41.3 32.5 48.7



#8

2-Chlorophenol

Concen: 43.147 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

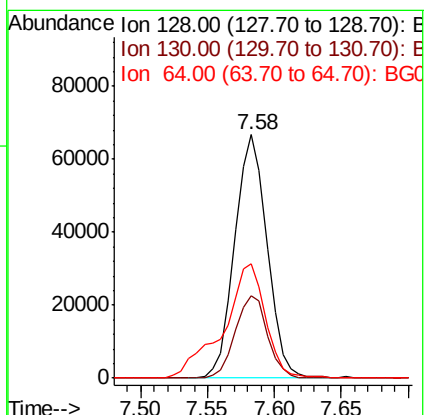
Tgt Ion: 128 Resp: 112553

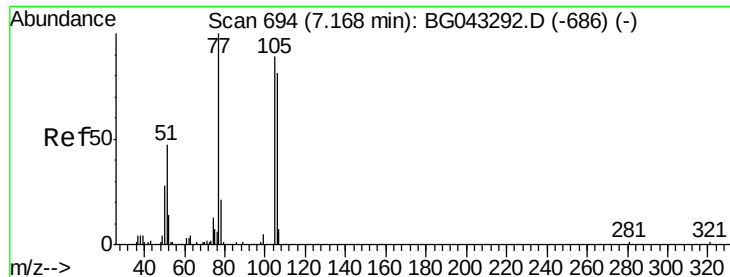
Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

64 47.1 25.3 65.3





#9

Benzaldehyde

Concen: 39.651 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

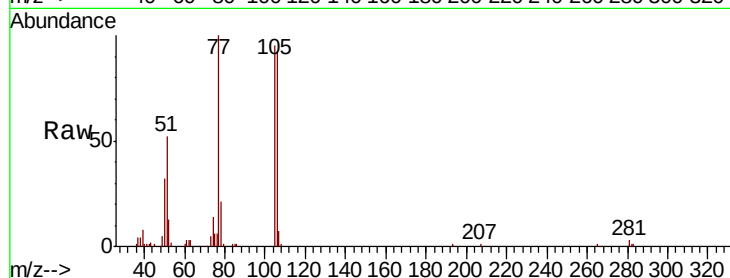
Tot Ion: 77 Resp: 66252

Ion Ratio Lower Upper

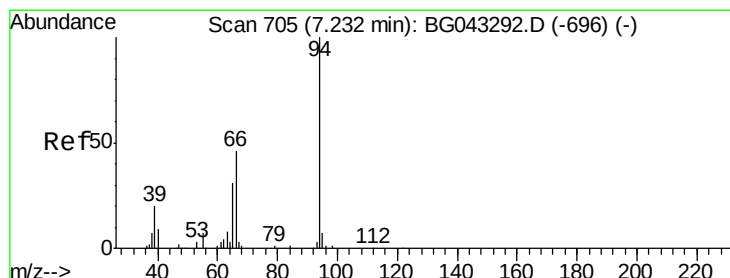
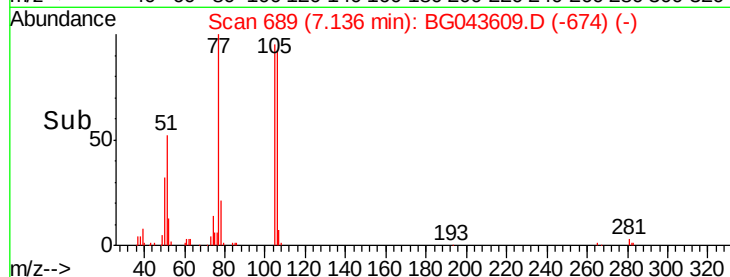
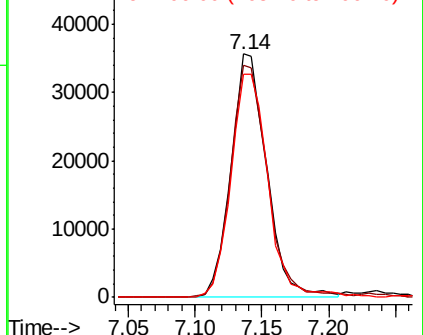
77 100

105 95.3 68.6 108.6

106 91.9 69.9 109.9



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



#10

Phenol

Concen: 31.123 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

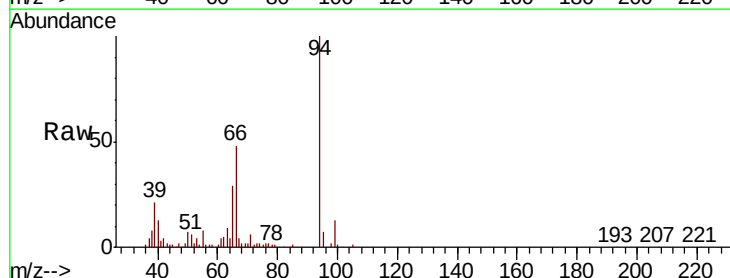
Tgt Ion: 94 Resp: 96696

Ion Ratio Lower Upper

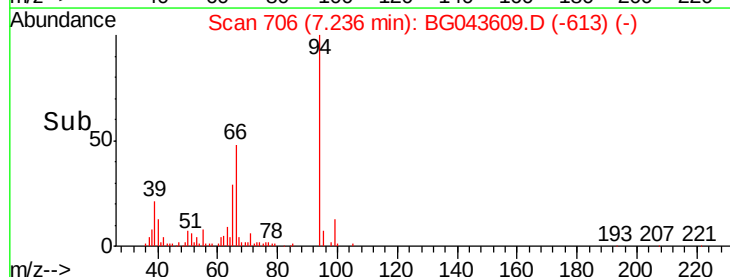
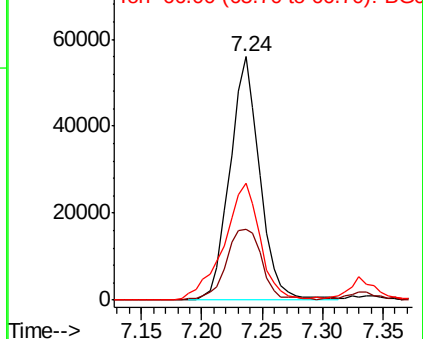
94 100

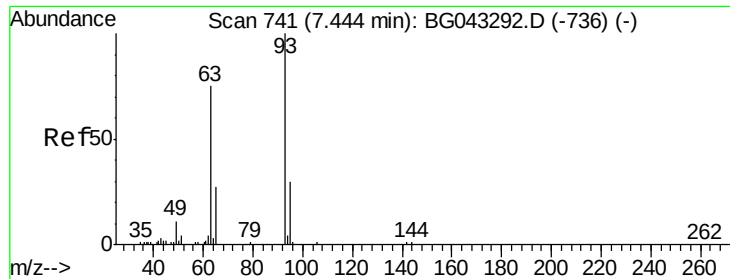
65 28.9 12.6 52.6

66 47.8 30.7 70.7



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

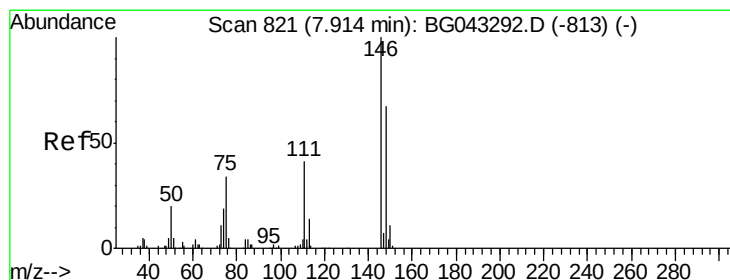
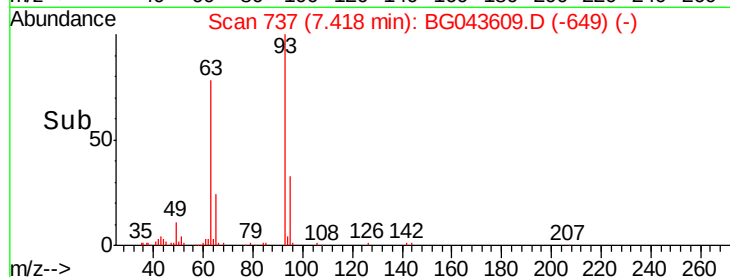
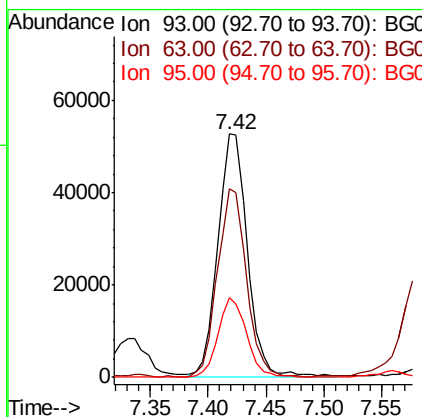
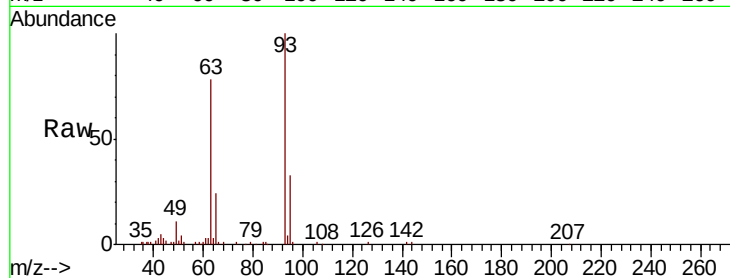




#11
bis(2-Chloroethyl)ether
Concen: 39.130 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

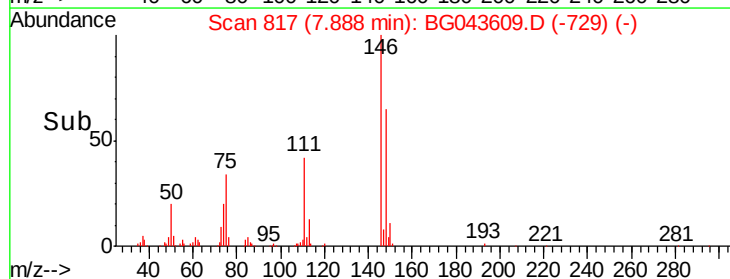
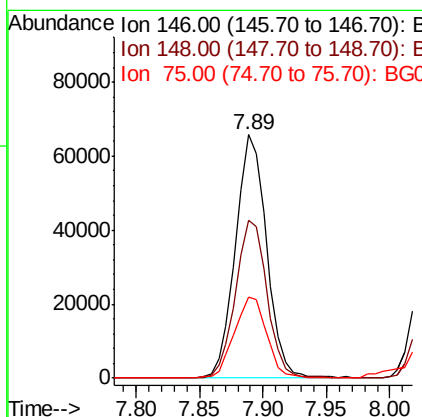
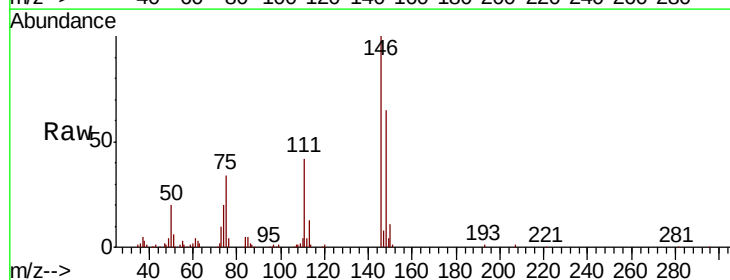
Instrument :
BNA_G
ClientSampleId :

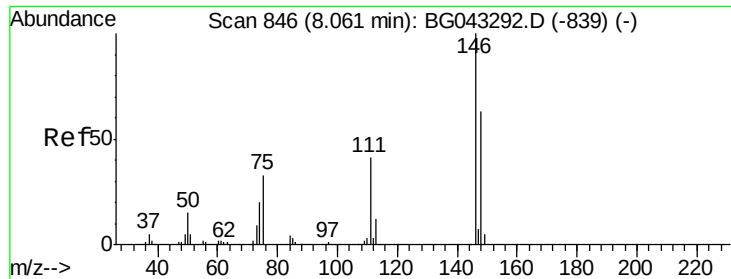
Tot Ion	93	Resp	93993
Ion Ratio	100	Lower	Upper
63	77.5	56.3	96.3
95	32.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 34.147 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	146	Resp	111604
Ion Ratio	100	Lower	Upper
148	64.6	50.3	75.5
75	33.6	24.6	37.0

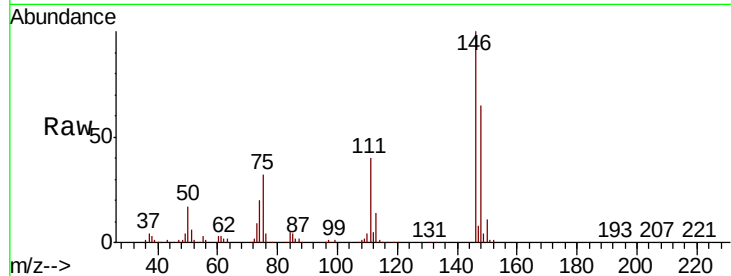




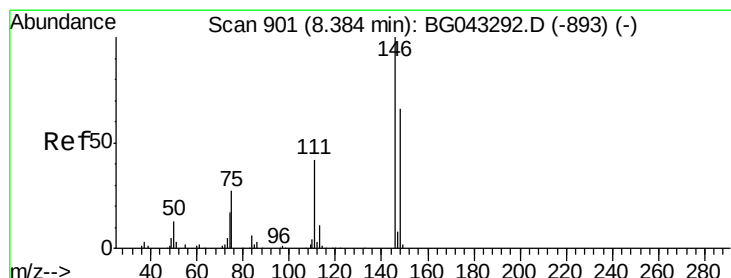
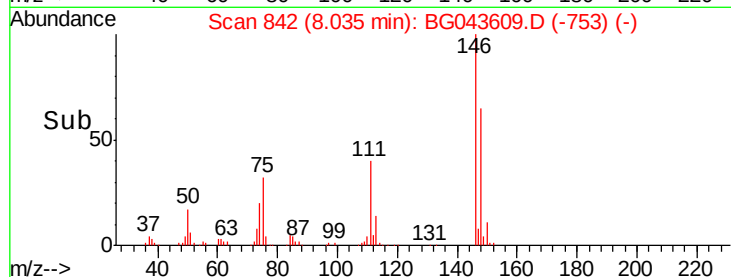
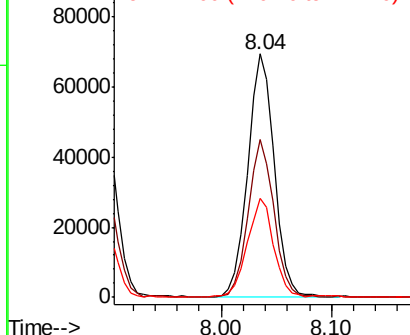
#13
 1,4-Dichlorobenzene
 Concen: 35.546 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 117543
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.7 76.1
 111 40.5 33.4 50.2

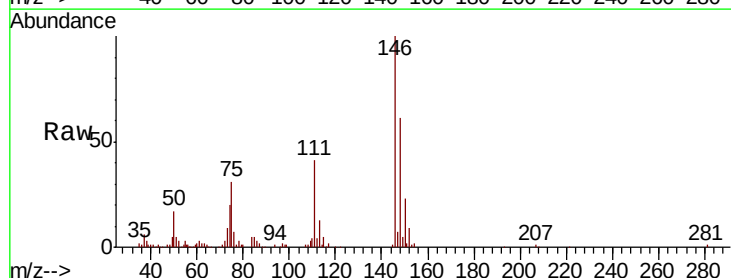


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

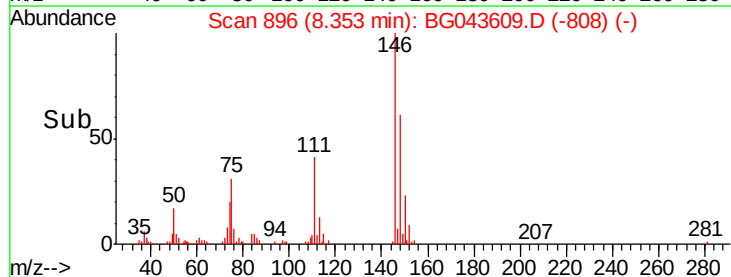
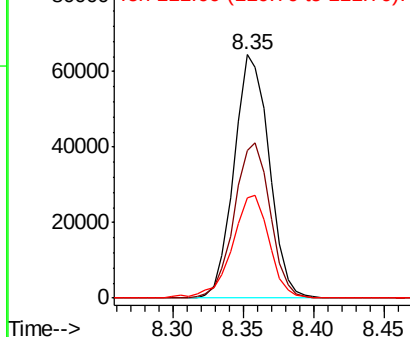


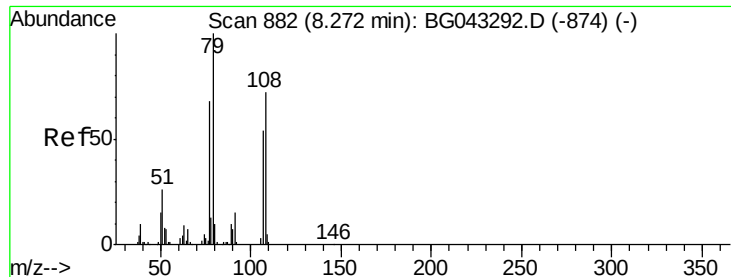
#14
 1,2-Dichlorobenzene
 Concen: 34.751 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:146 Resp: 112201
 Ion Ratio Lower Upper
 146 100
 148 60.8 53.2 79.8
 111 41.0 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 38.980 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

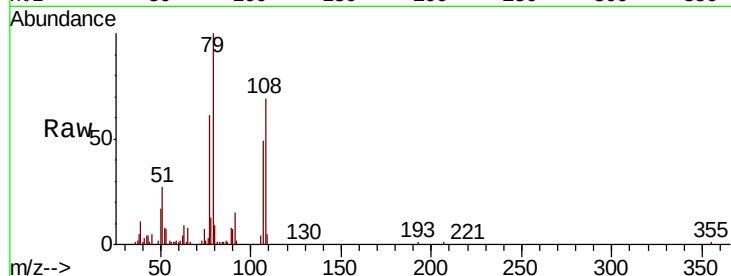
Tot Ion: 79 Resp: 93077

Ion Ratio Lower Upper

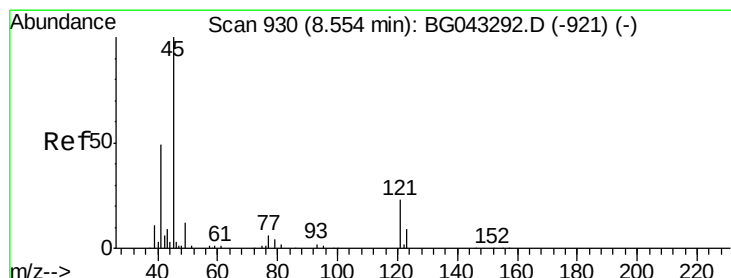
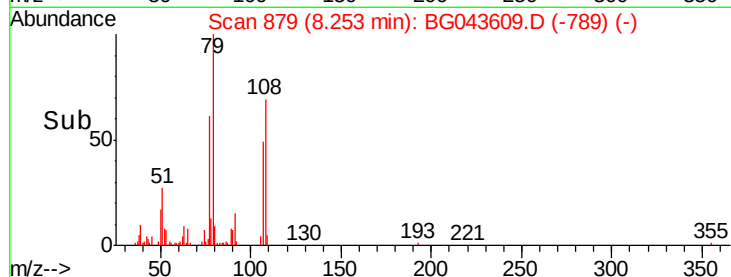
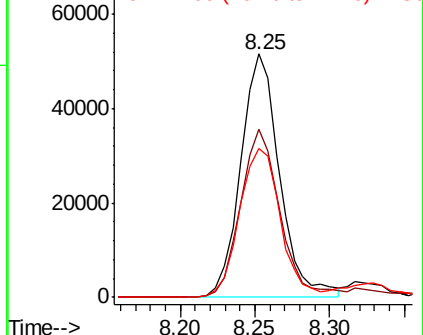
79 100

108 68.8 53.6 80.4

77 61.0 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.355 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

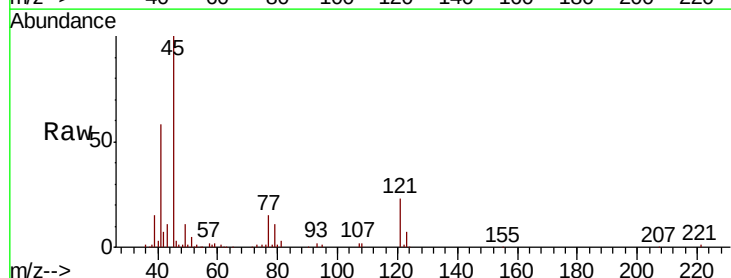
Tgt Ion: 45 Resp: 126979

Ion Ratio Lower Upper

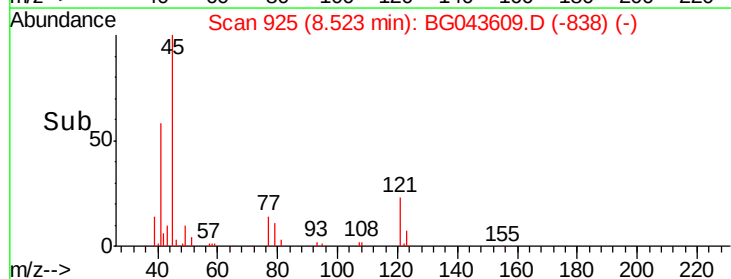
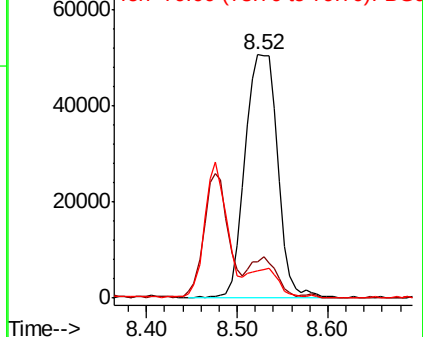
45 100

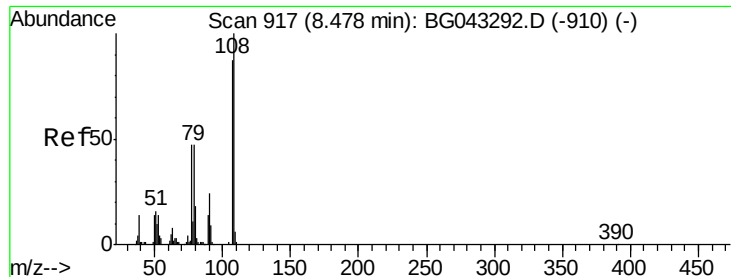
77 15.1 0.0 34.9

79 11.2 0.0 33.0



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





#17

2-Methylphenol

Concen: 39.746 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 90022

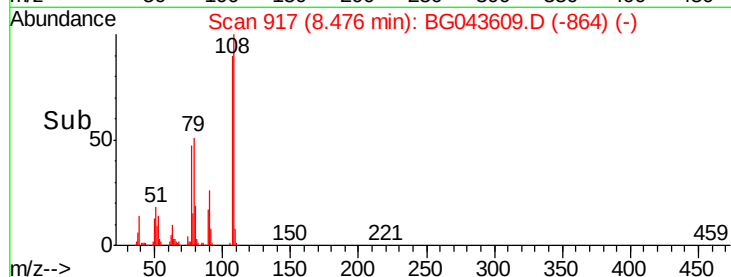
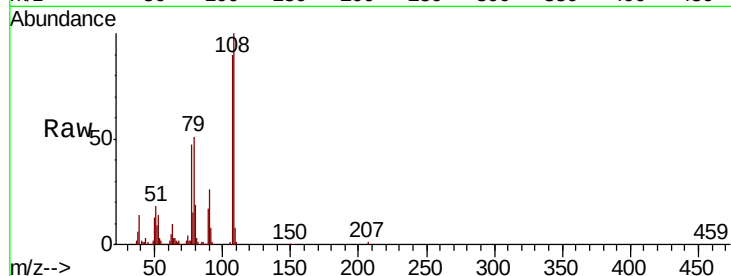
Ion Ratio Lower Upper

107 100

108 111.7 90.2 135.4

77 52.2 40.2 60.2

79 56.7 44.0 66.0

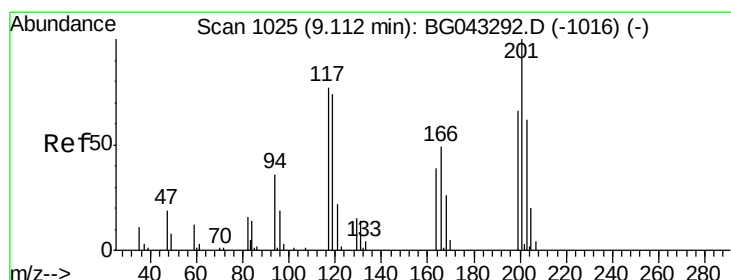
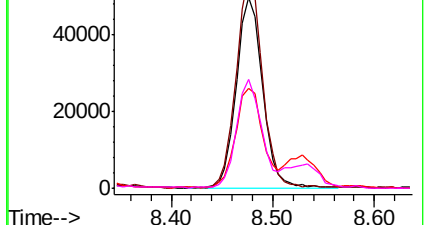


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.286 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

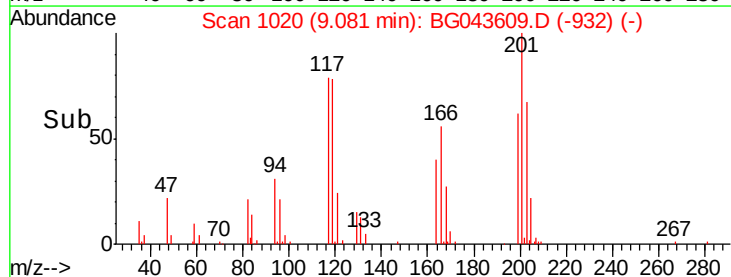
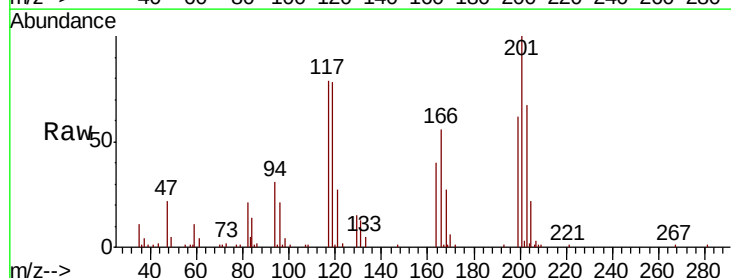
Tgt Ion:117 Resp: 40905

Ion Ratio Lower Upper

117 100

119 98.8 79.0 118.4

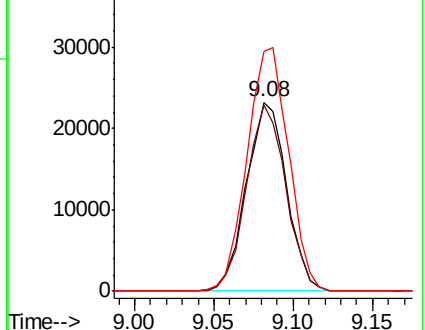
201 127.4 105.4 158.2

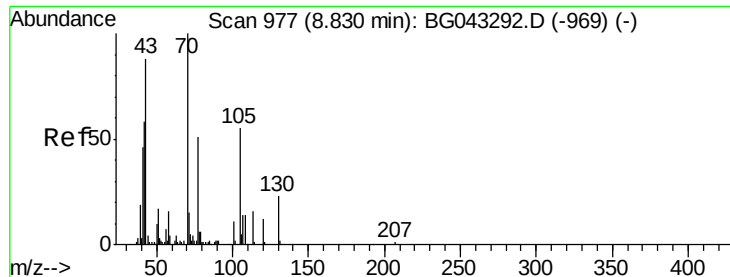


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

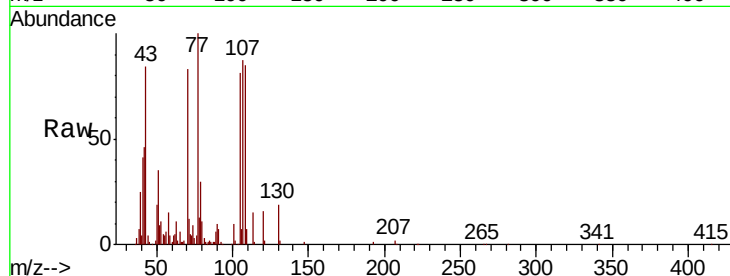




#19
n-Nitroso-di-n-propylamine
Concen: 38.250 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	41.4	62.2
101	12.0	7.9	11.9#
130	22.7	19.0	28.4



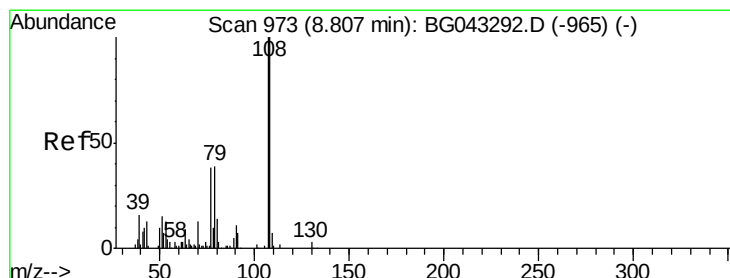
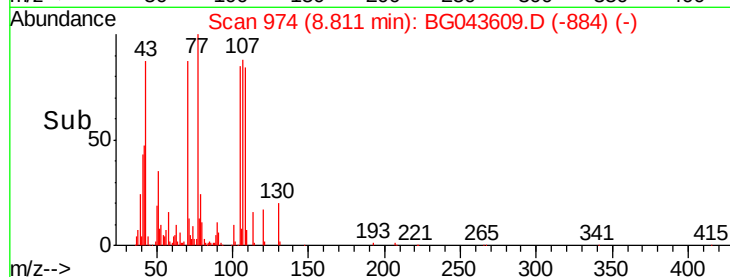
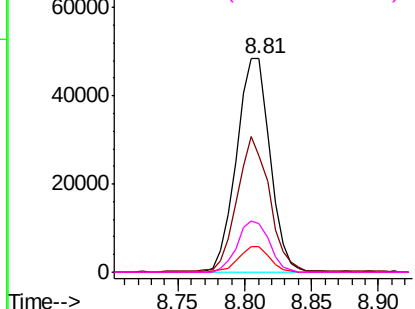
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

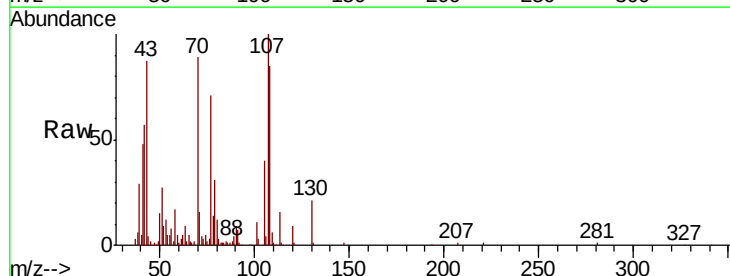
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 37.333 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	66.6	106.6
77	70.7	20.9	60.9#
79	31.5	11.3	51.3



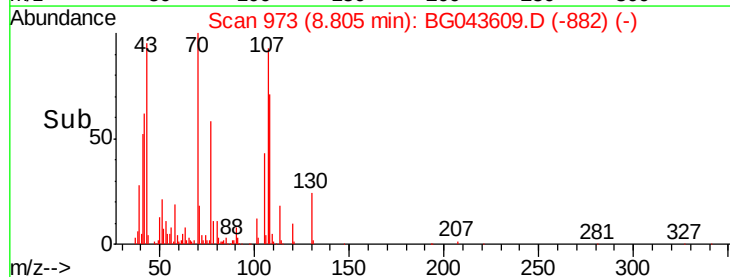
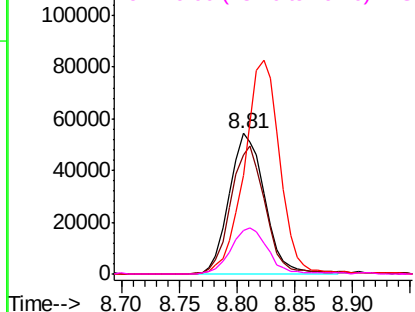
Abundance

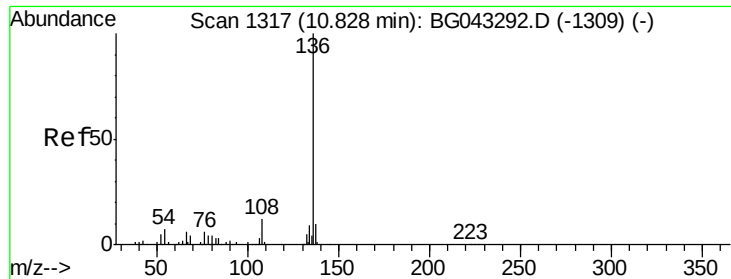
Ion 107.00 (106.70 to 107.70): BGC

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

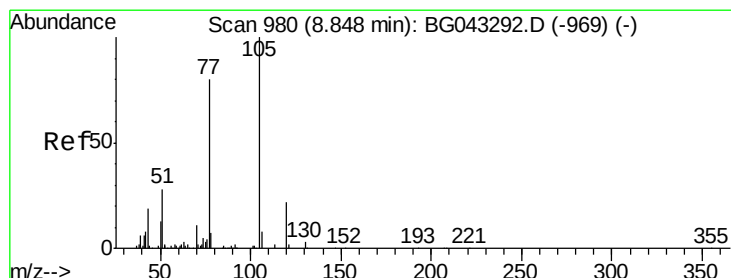
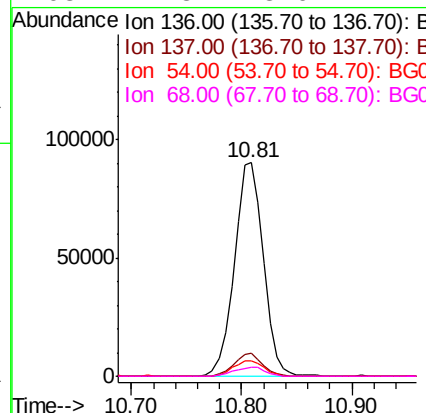
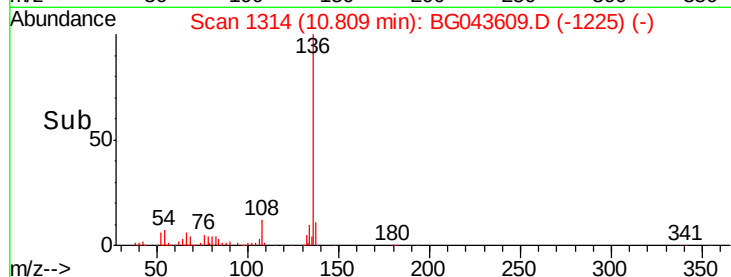
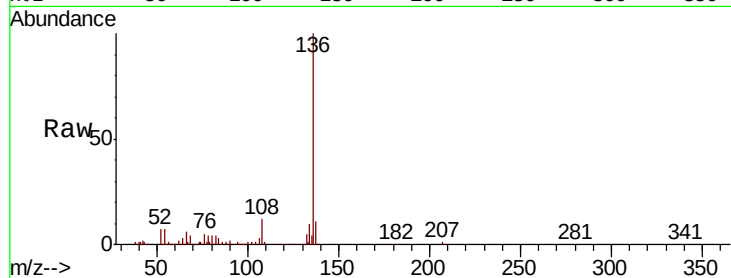




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

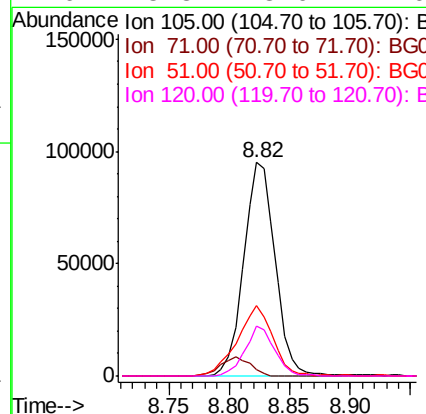
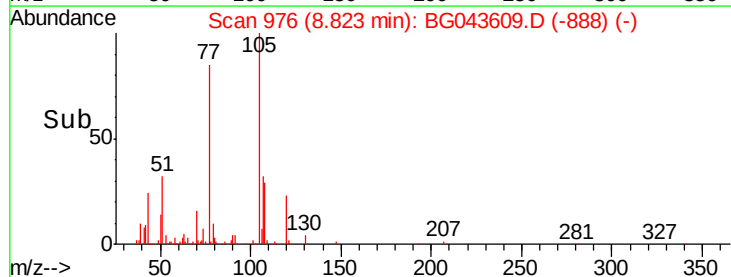
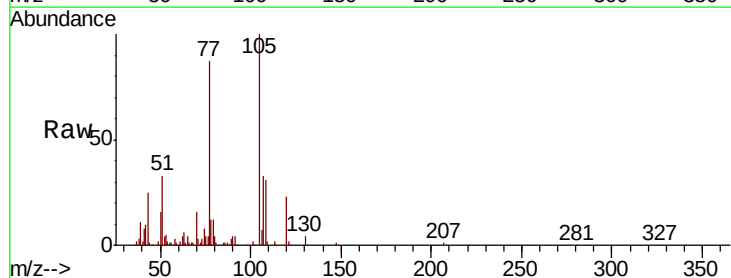
Instrument :
BNA_G
ClientSampleId :

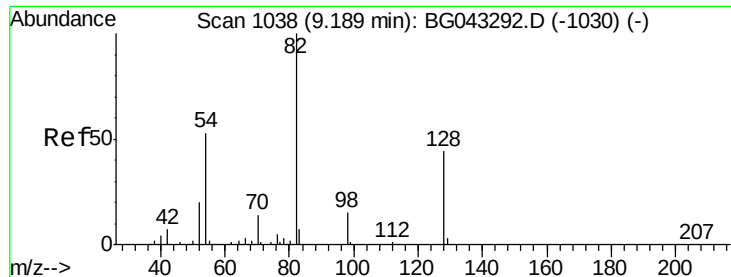
Tot Ion:	136	Resp:	165868
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.1	5.4	8.2
68	4.3	3.0	4.4



#22
Acetophenone
Concen: 40.630 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:	105	Resp:	172584
Ion	Ratio	Lower	Upper
105	100		
71	2.8	0.8	1.2#
51	32.9	21.0	31.4#
120	23.3	18.0	27.0

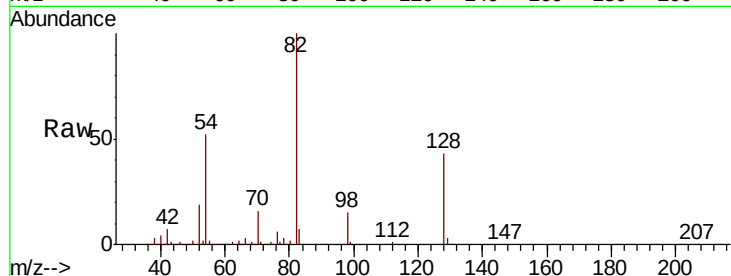




#23
Nitrobenzene-d5
Concen: 82.052 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.6
54	52.1	40.2	60.2

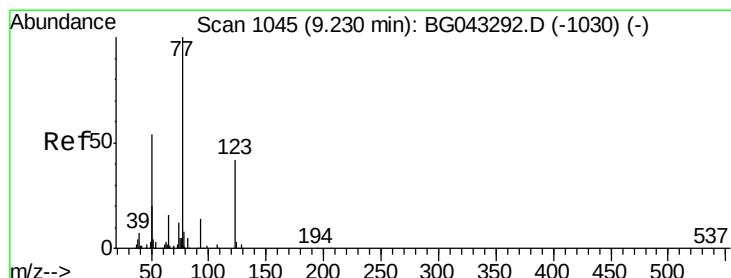
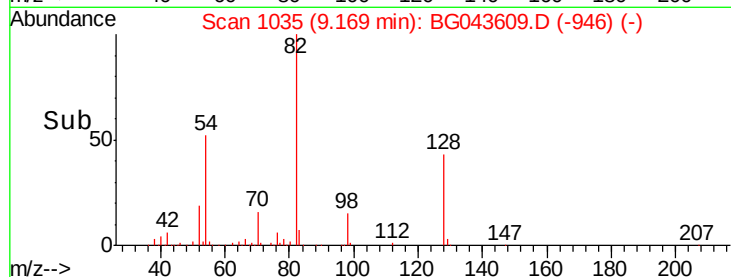
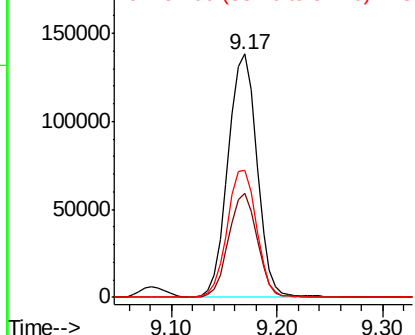


Abundance

Ion 82.00 (81.70 to 82.70): BGC

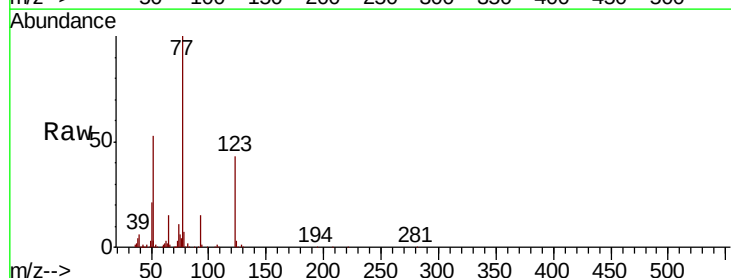
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 54.084 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.0	52.6
65	15.0	9.5	14.3#

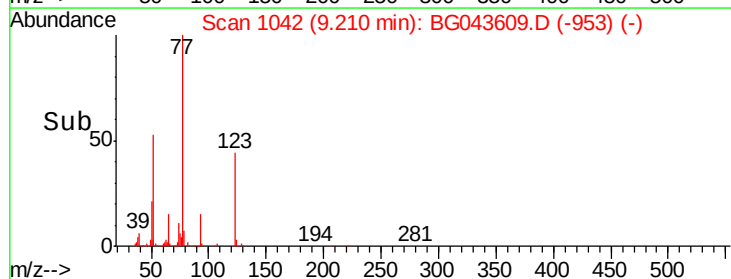
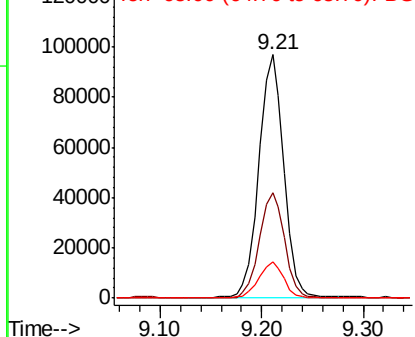


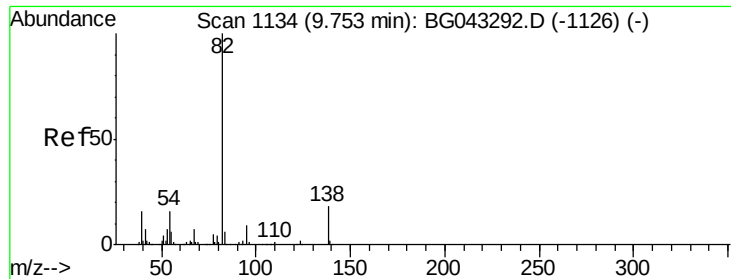
Abundance

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: 40.571 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

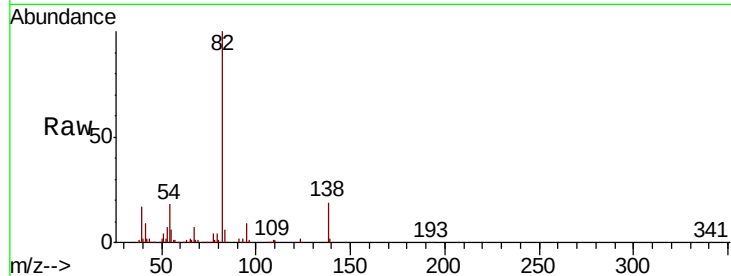
Tot Ion: 82 Resp: 238646

Ion Ratio Lower Upper

82 100

95 9.4 6.6 9.8

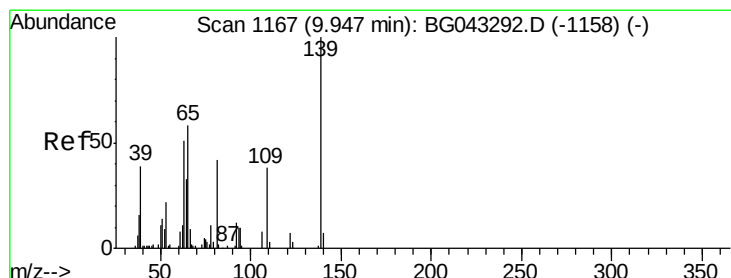
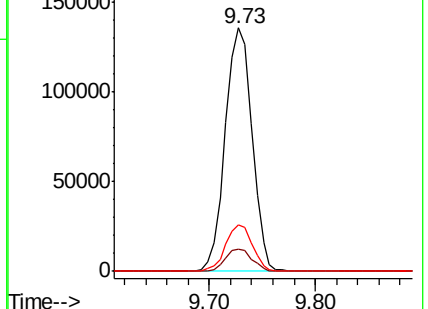
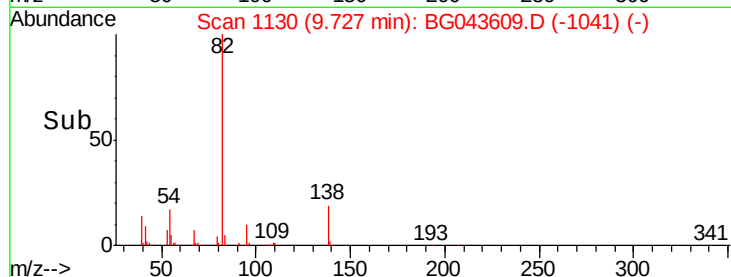
138 19.1 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043609.D (-1041) (-)

Ion 95.00 (94.70 to 95.70): BG043609.D (-1041) (-)

Ion 138.00 (137.70 to 138.70): BG043609.D (-1041) (-)



#26

2-Nitrophenol

Concen: 49.102 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

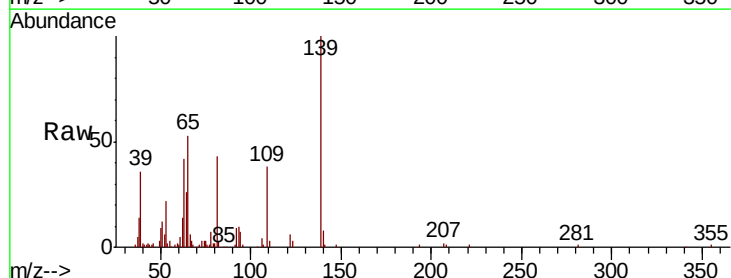
Tgt Ion: 139 Resp: 72655

Ion Ratio Lower Upper

139 100

109 37.8 26.5 39.7

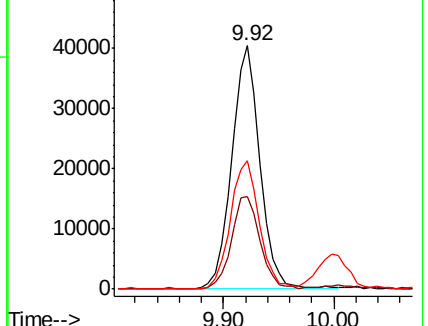
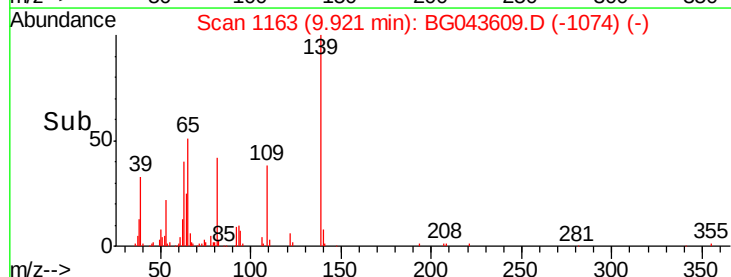
65 52.5 43.8 65.8

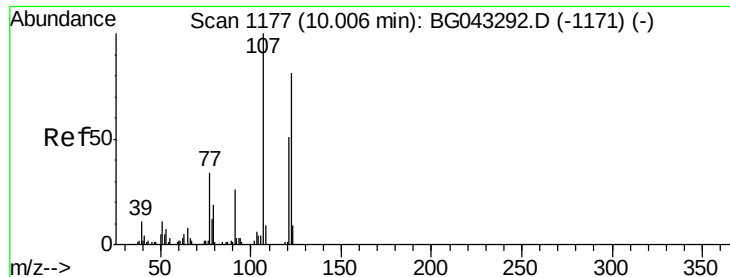


Abundance Ion 139.00 (138.70 to 139.70): BG043609.D (-1074) (-)

Ion 109.00 (108.70 to 109.70): BG043609.D (-1074) (-)

Ion 65.00 (64.70 to 65.70): BG043609.D (-1074) (-)

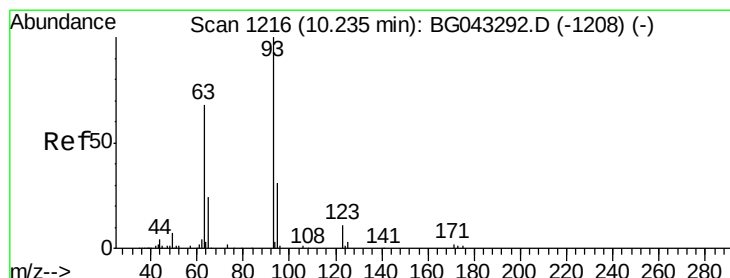
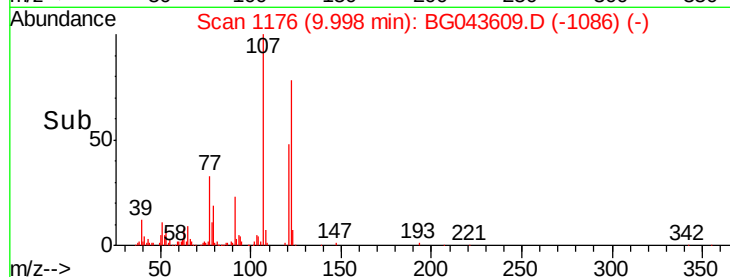
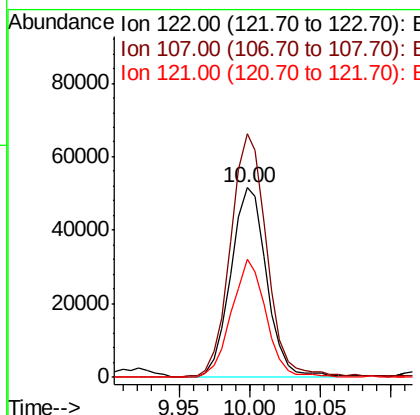
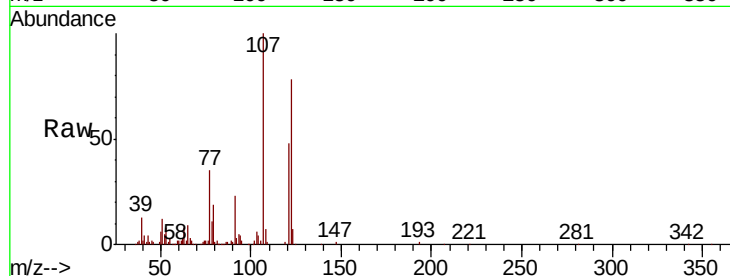




#27
2,4-Dimethylphenol
Concen: 43.241 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

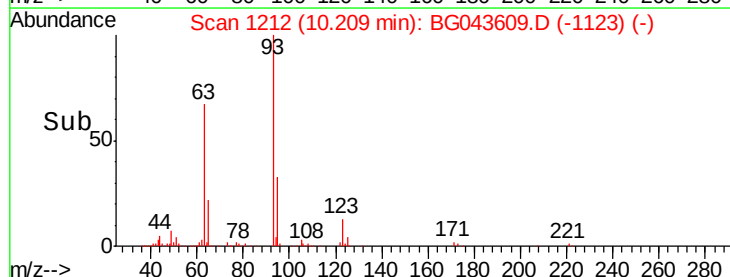
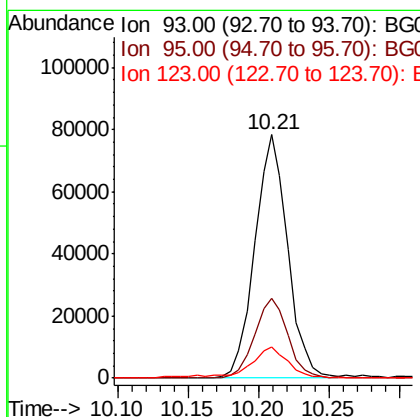
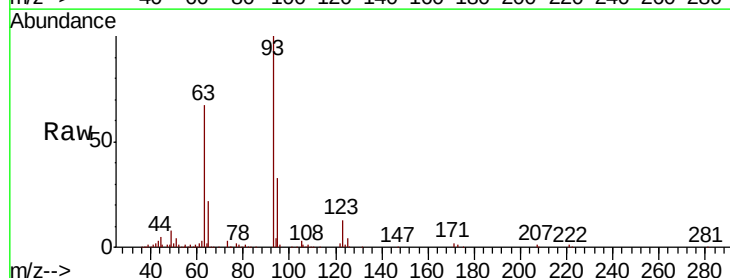
Instrument :
BNA_G
ClientSampleId :

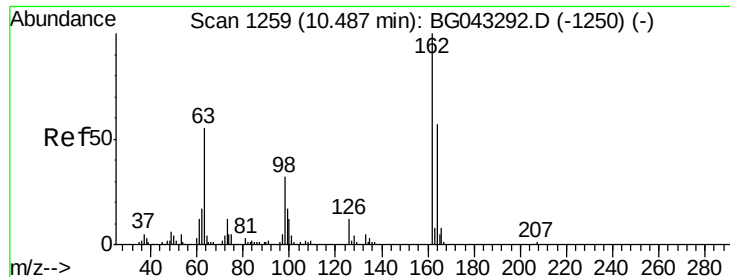
Tot Ion:122 Resp: 91704
Ion Ratio Lower Upper
122 100
107 128.3 104.4 156.6
121 62.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.410 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion: 93 Resp: 127942
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 47.180 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

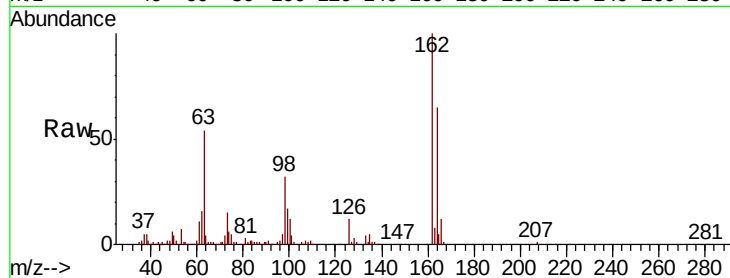
Tot Ion:162 Resp: 128200

Ion Ratio Lower Upper

162 100

164 64.6 48.9 88.9

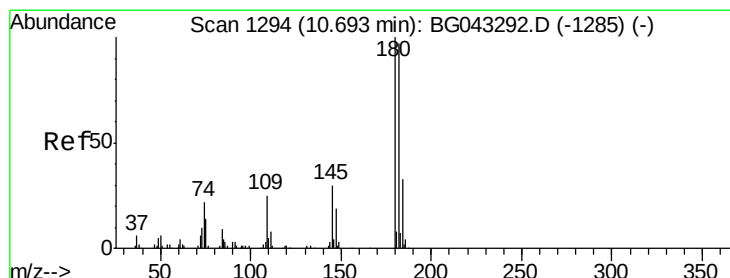
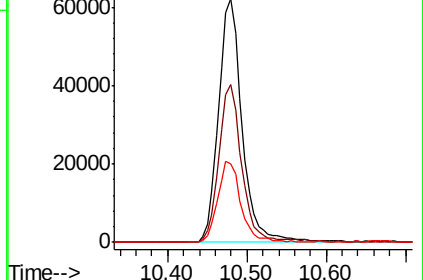
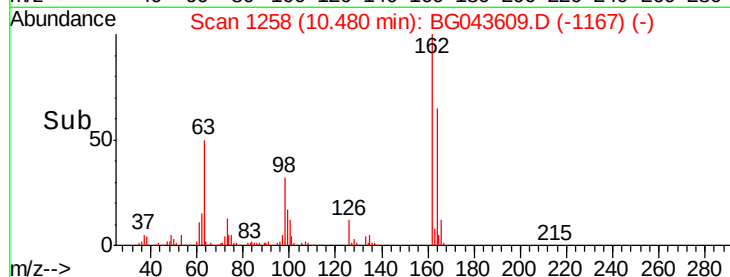
98 32.3 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.913 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

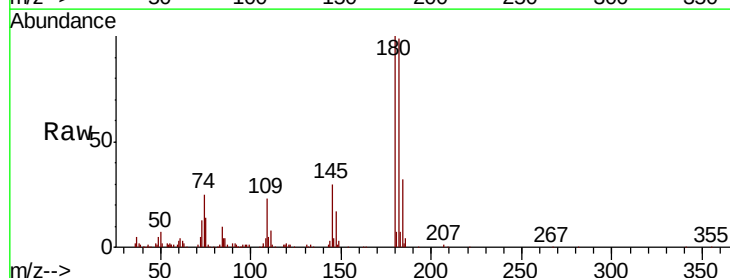
Tgt Ion:180 Resp: 129844

Ion Ratio Lower Upper

180 100

182 98.8 75.1 112.7

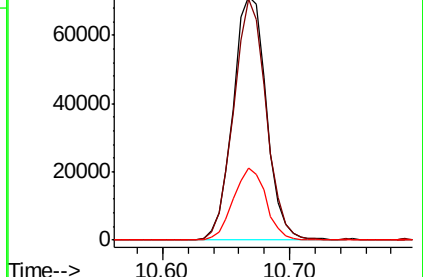
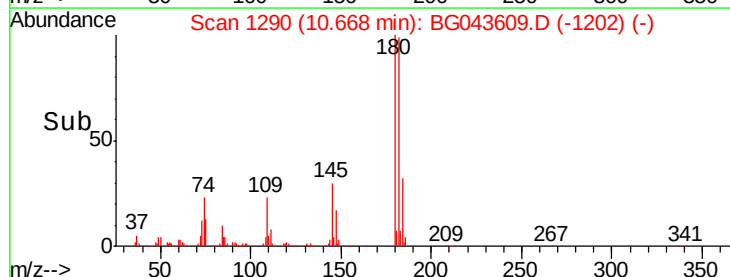
145 29.7 23.9 35.9

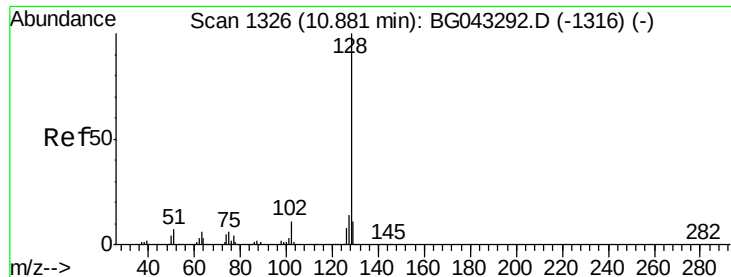


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

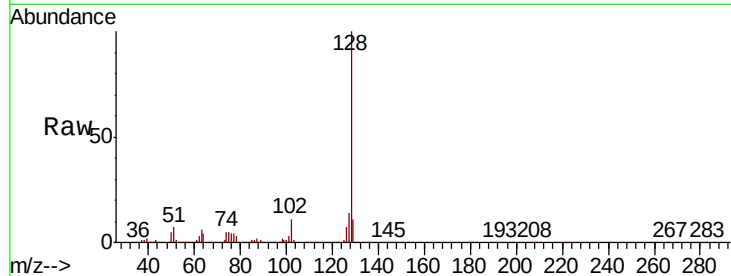




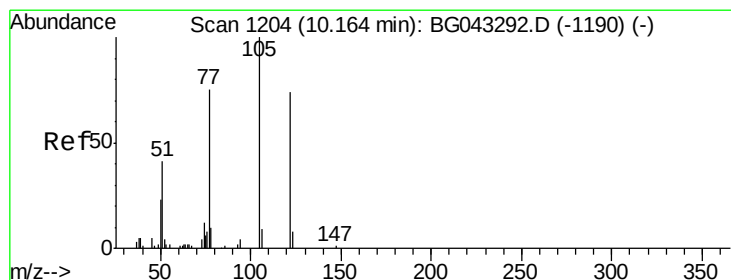
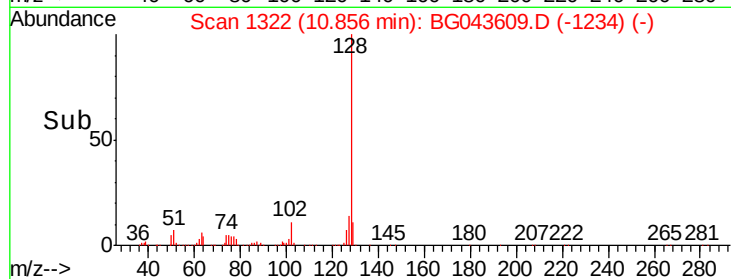
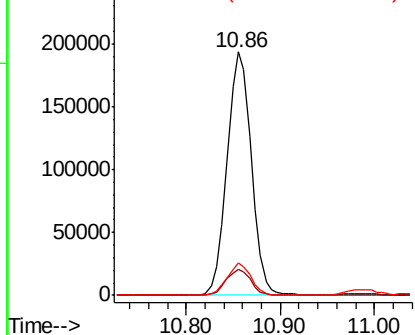
#31
Naphthalene
Concen: 41.334 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 348007
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.5 11.1 16.7

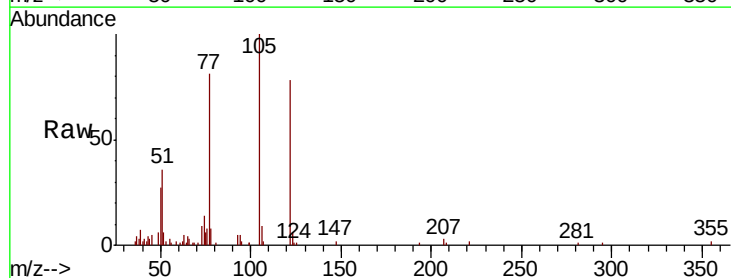


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

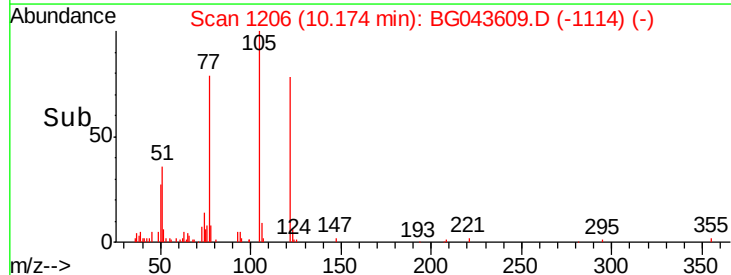
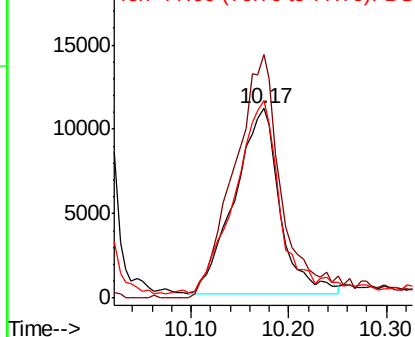


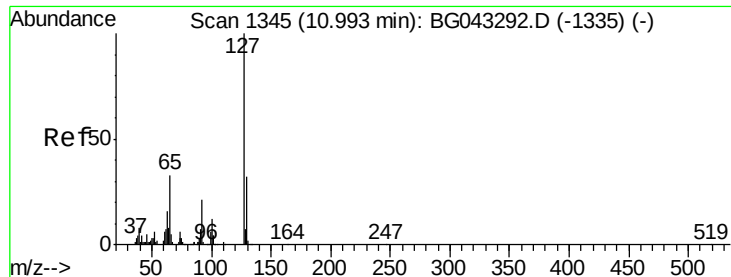
#32
Benzoic acid
Concen: 26.798 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:122 Resp: 35419
Ion Ratio Lower Upper
122 100
105 128.3 103.3 143.3
77 104.1 84.9 124.9



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

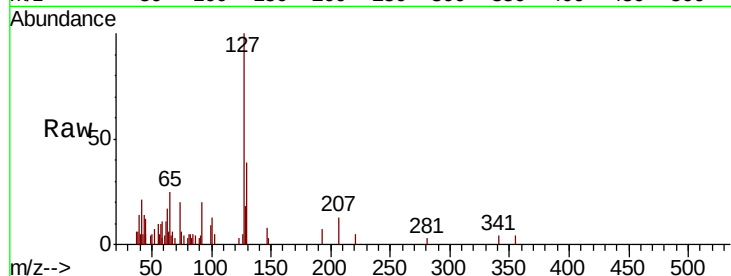




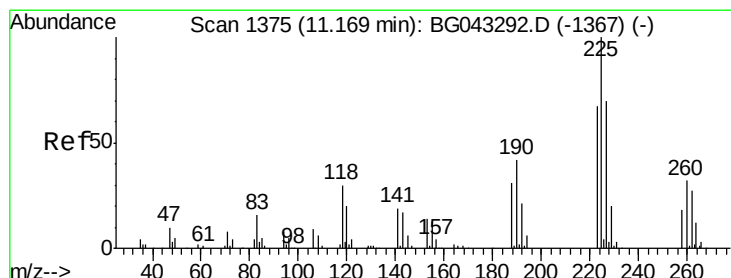
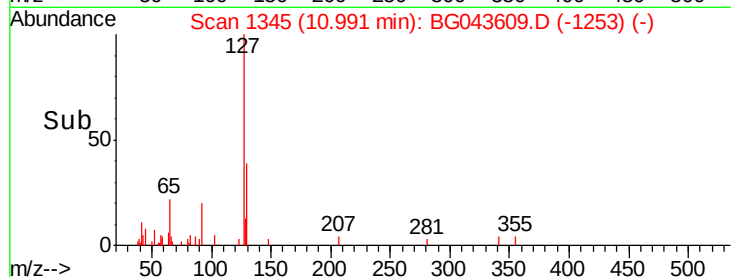
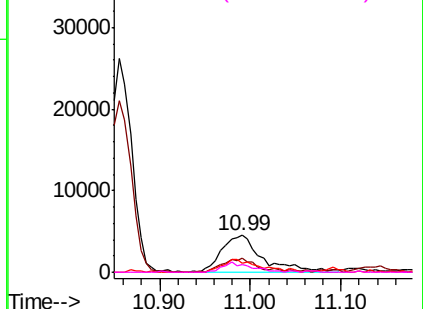
#33
4-Chloroaniline
Concen: 4.148 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	14316
Ion Ratio	Lower	Upper	
127	100		
129	39.0	26.5	39.7
65	25.0	26.4	39.6#
92	19.8	16.2	24.2

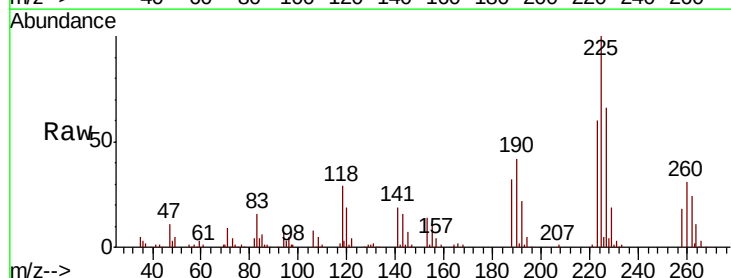


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

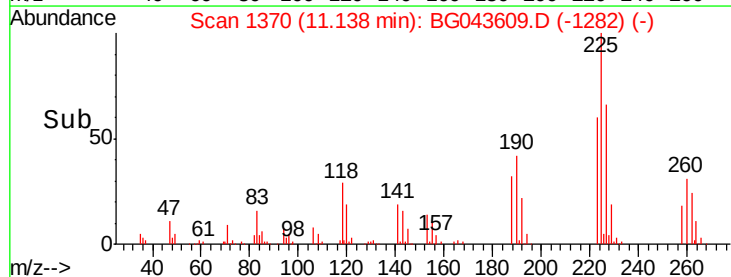
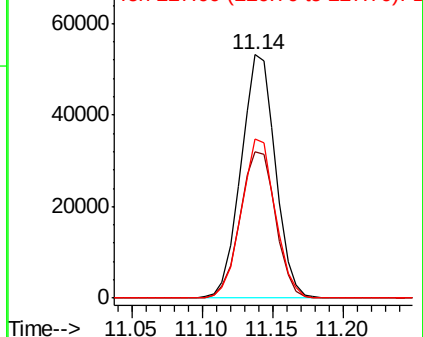


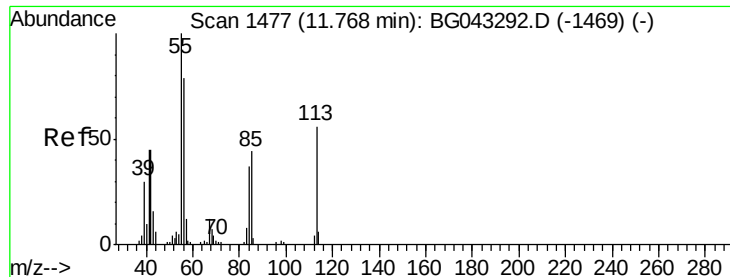
#34
Hexachlorobutadiene
Concen: 35.763 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:	225	Resp:	90539
Ion Ratio	Lower	Upper	
225	100		
223	60.2	52.7	79.1
227	65.6	54.8	82.2



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

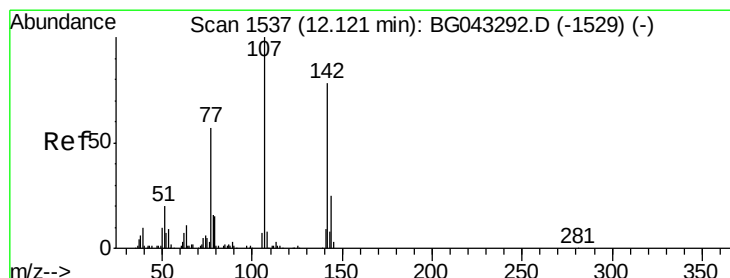
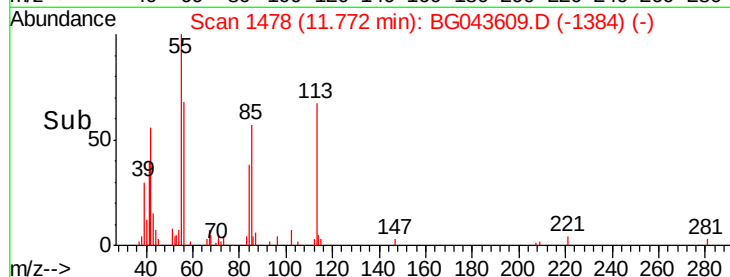
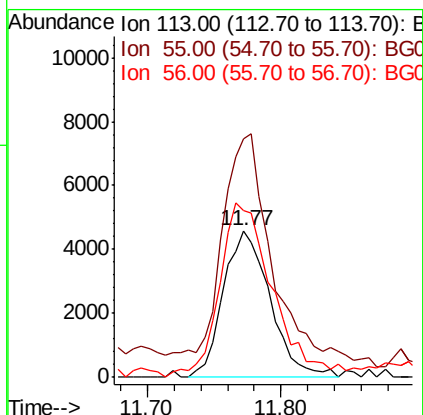
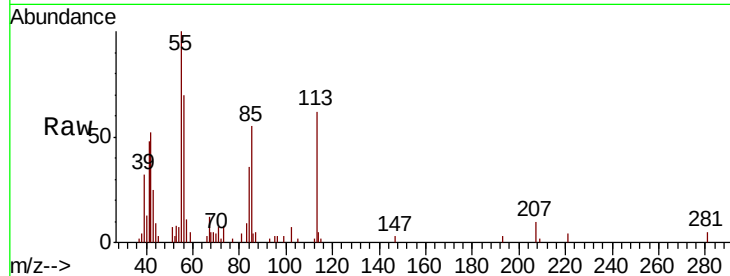




#35
 Caprolactam
 Concen: 11.942 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

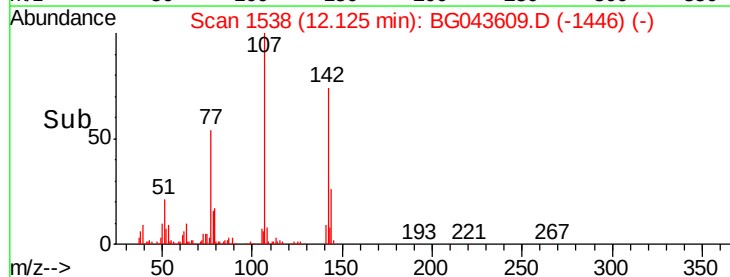
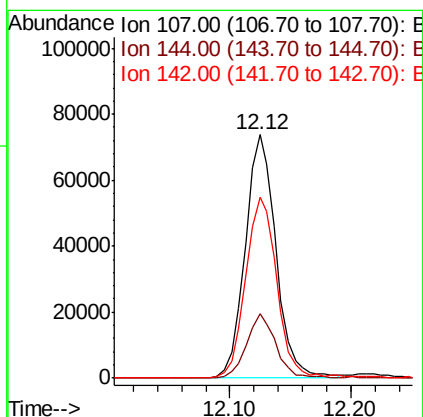
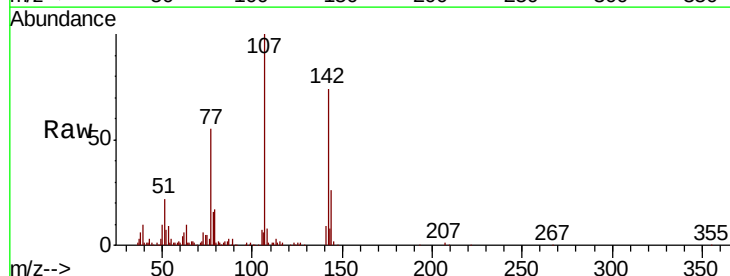
Instrument :
 BNA_G
 ClientSampleId :

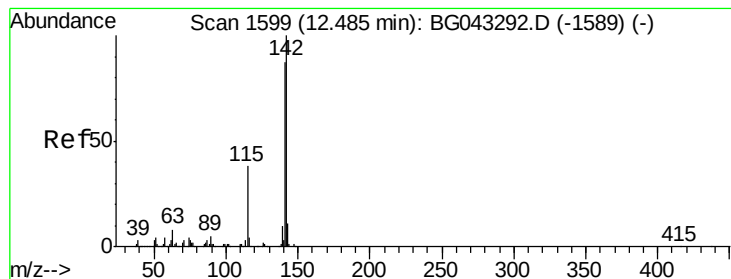
Tot Ion:113 Resp: 11176
 Ion Ratio Lower Upper
 113 100
 55 162.1 134.1 174.1
 56 113.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.040 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:107 Resp: 130535
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.9 31.3
 142 74.3 59.6 89.4





#37

2-Methylnaphthalene

Concen: 41.117 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

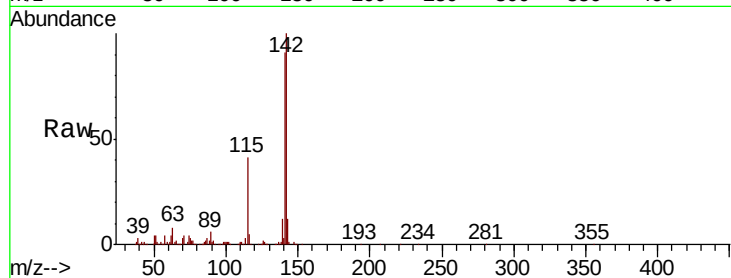
Tot Ion:142 Resp: 265617

Ion Ratio Lower Upper

142 100

141 91.0 72.2 108.2

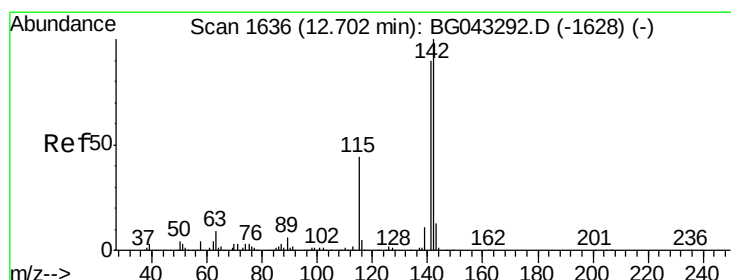
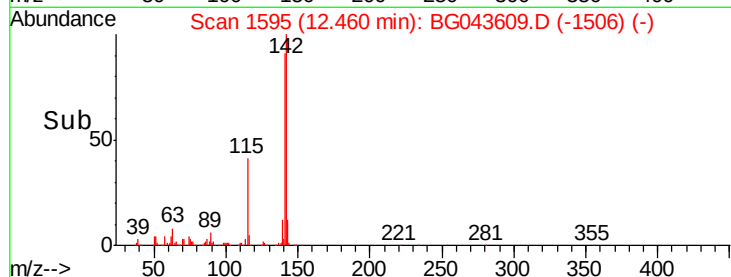
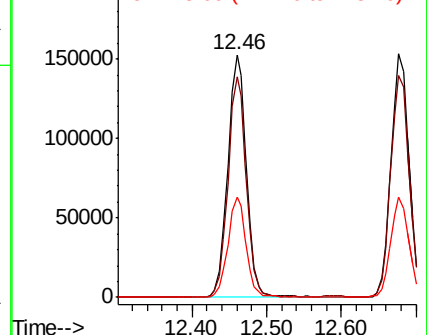
115 41.3 33.2 49.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.066 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

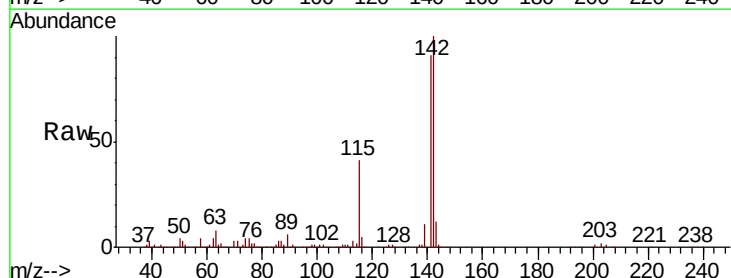
Tgt Ion:142 Resp: 252417

Ion Ratio Lower Upper

142 100

141 90.9 73.2 109.8

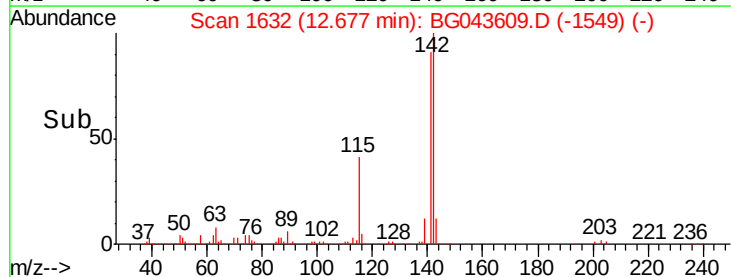
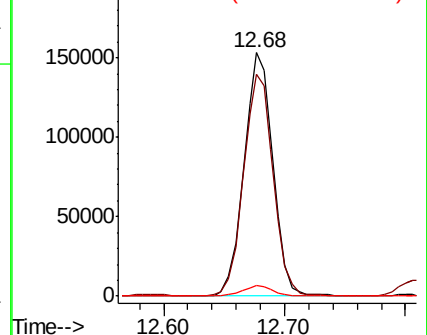
116 4.6 3.6 5.4

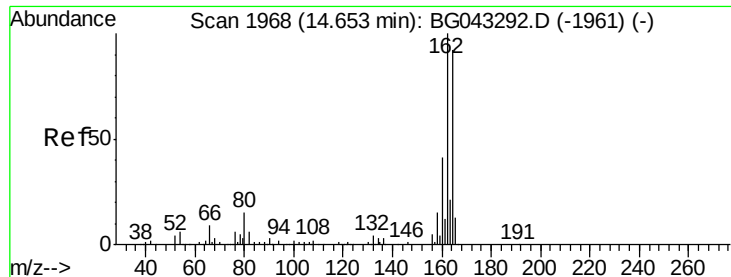


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

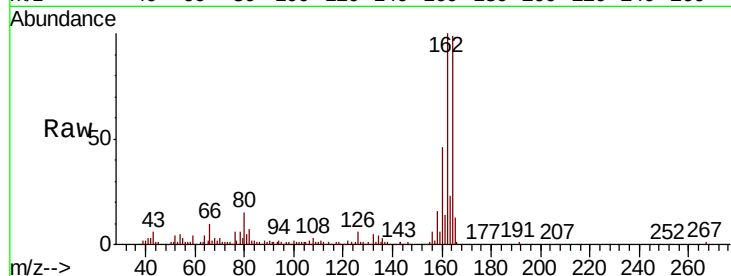
Tot Ion:164 Resp: 118142

Ion Ratio Lower Upper

164 100

162 101.0 83.5 125.3

160 46.0 36.5 54.7

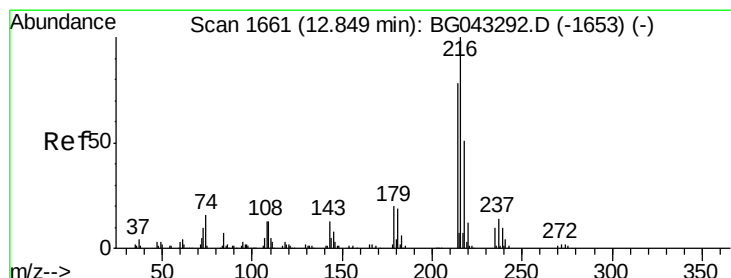
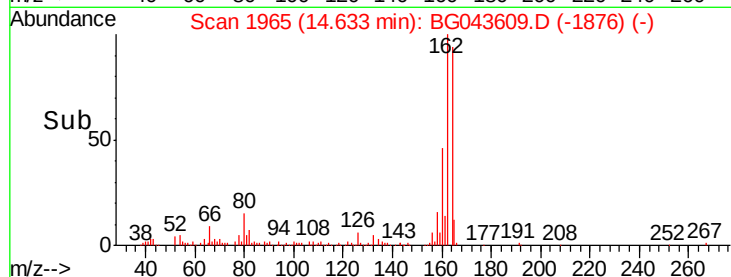
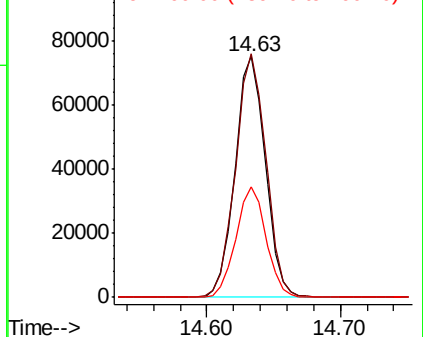


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.468 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:216 Resp: 172566

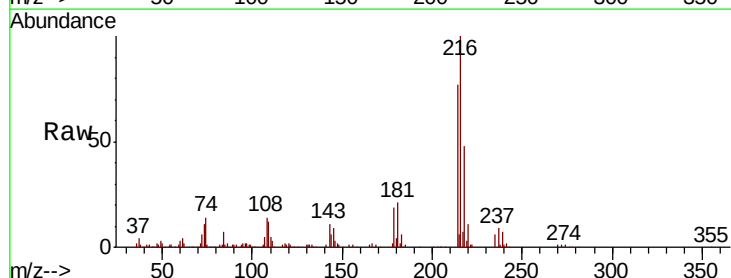
Ion Ratio Lower Upper

216 100

214 77.3 61.7 92.5

179 19.4 15.8 23.8

108 15.9 11.5 17.3



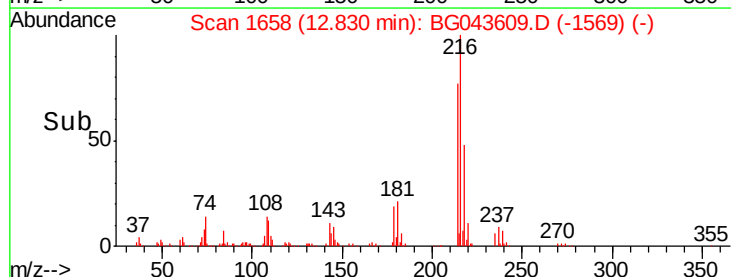
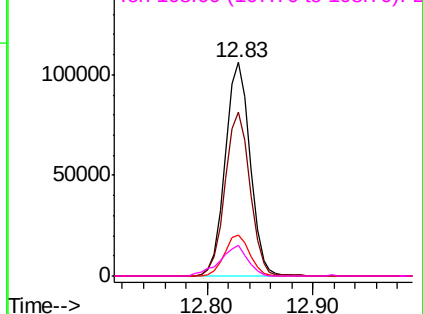
Abundance

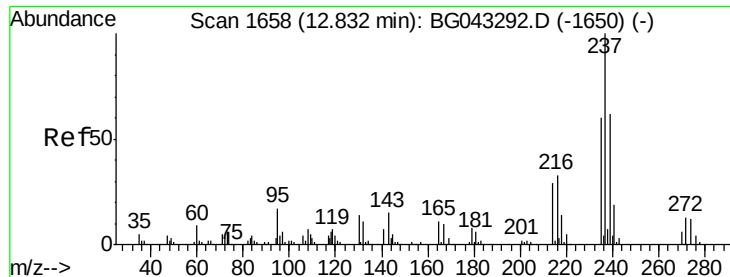
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.130 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

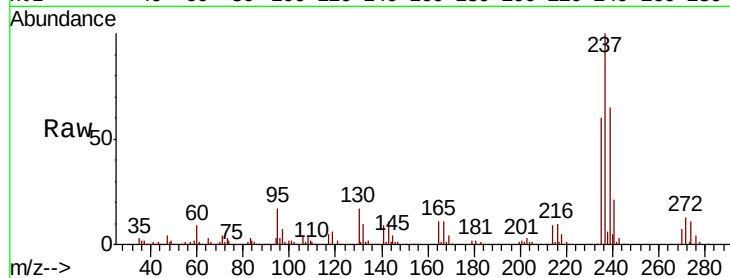
Tot Ion:237 Resp: 165667

Ion Ratio Lower Upper

237 100

235 60.3 41.6 81.6

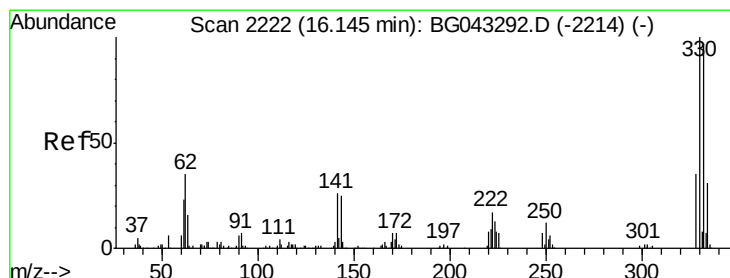
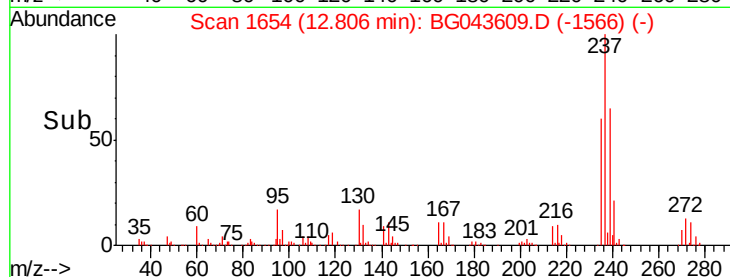
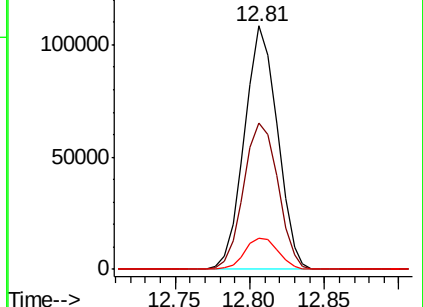
272 13.0 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 74.055 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

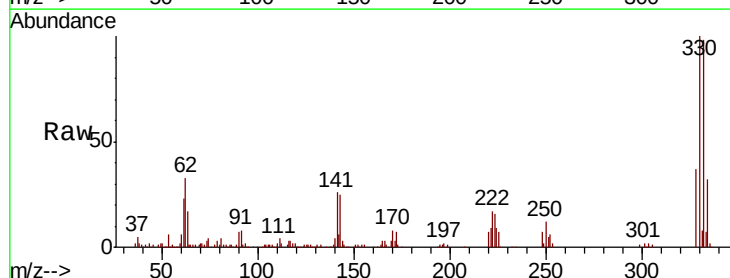
Tgt Ion:330 Resp: 166493

Ion Ratio Lower Upper

330 100

332 101.2 77.4 116.0

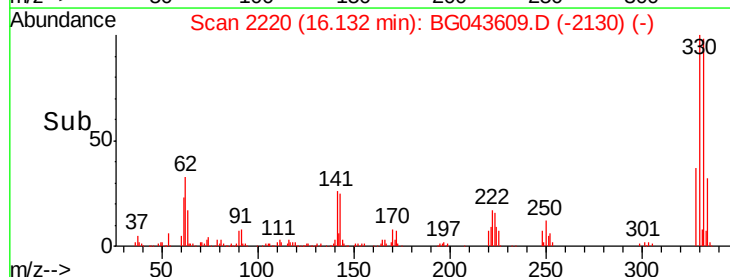
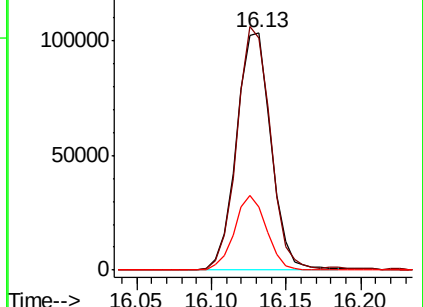
141 29.6 22.8 34.2

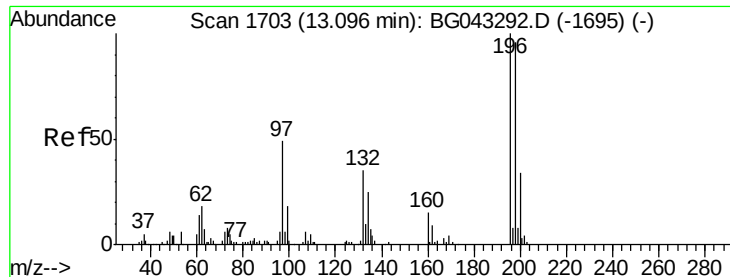


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

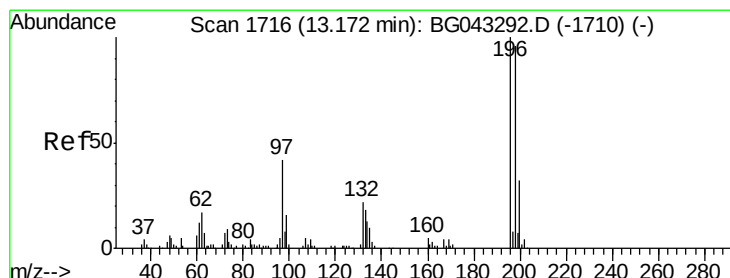
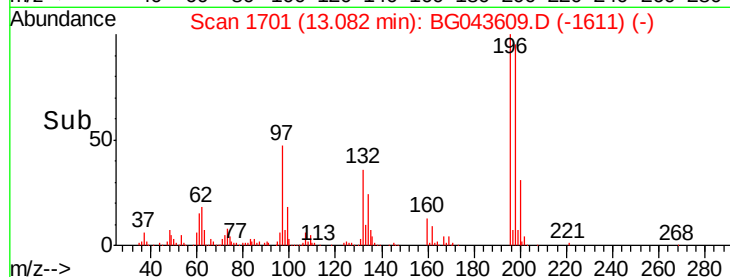
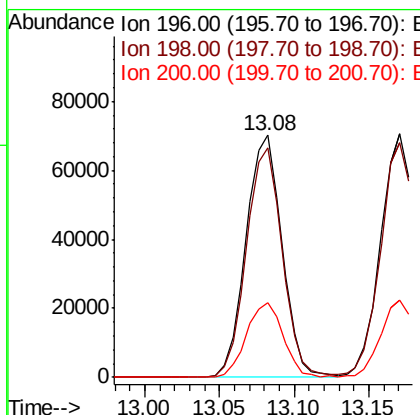
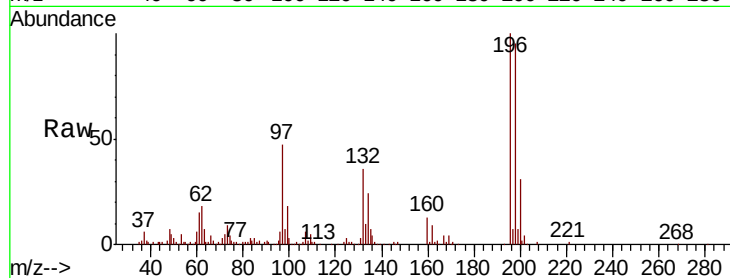




#43
 2,4,6-Trichlorophenol
 Concen: 45.372 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

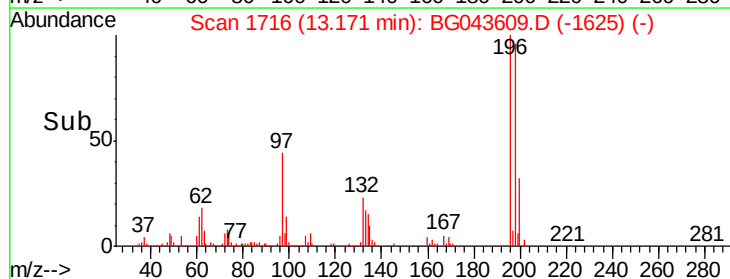
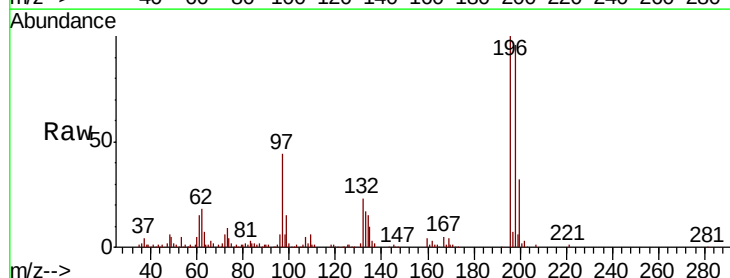
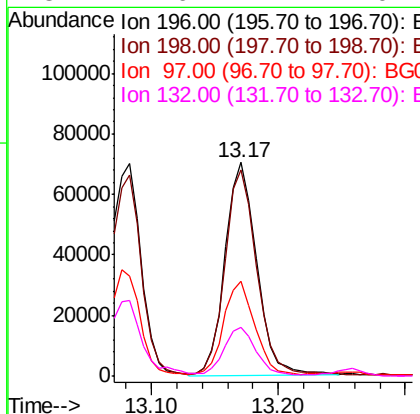
Instrument :
 BNA_G
 ClientSampled :

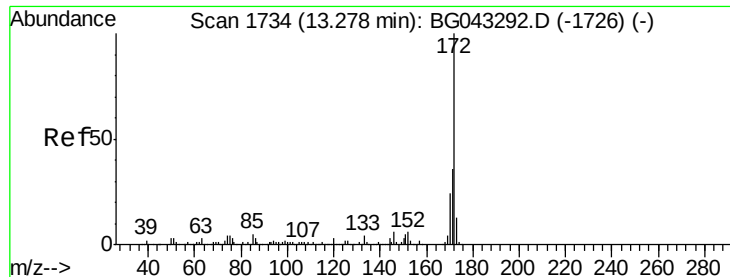
Tot Ion:196 Resp: 116827
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.8 113.6
 200 31.0 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.838 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:196 Resp: 121926
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.5 111.7
 97 44.2 36.3 54.5
 132 22.6 17.4 26.2

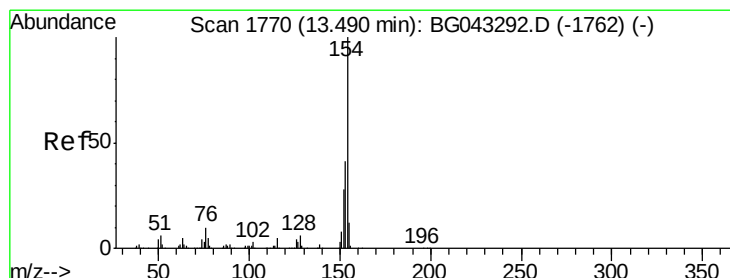
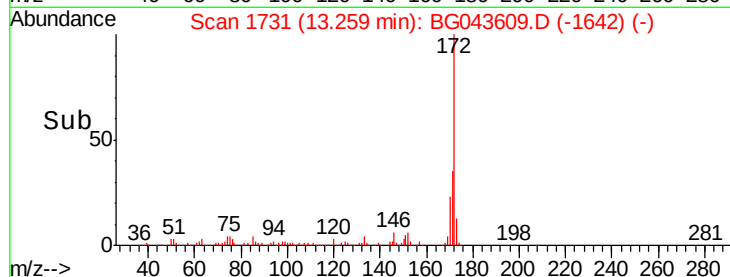
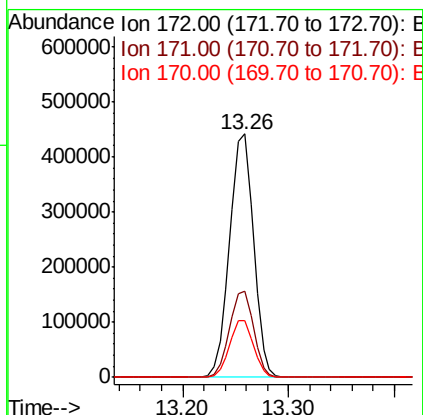
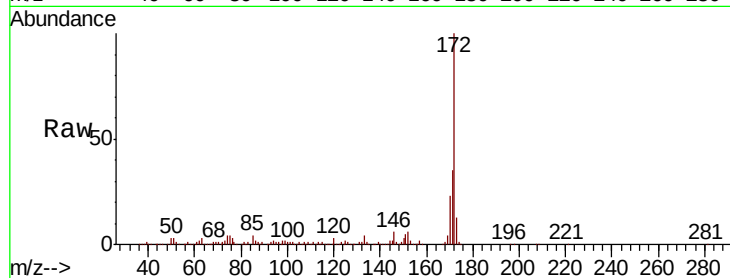




#45
 2-Fluorobiphenyl
 Concen: 81.029 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

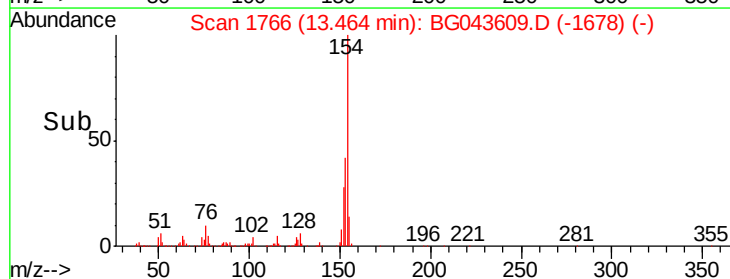
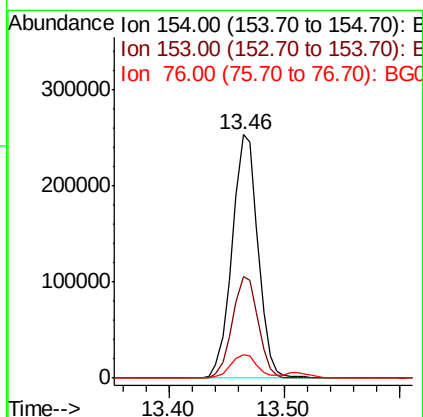
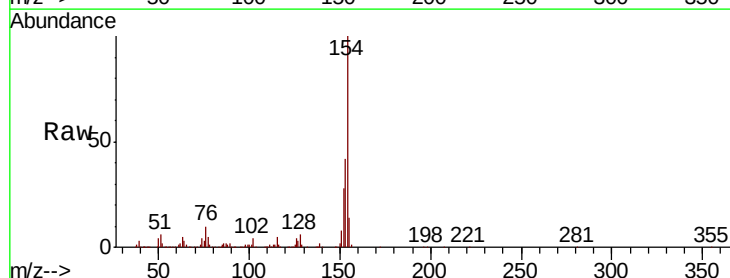
Instrument :
 BNA_G
 ClientSampleId :

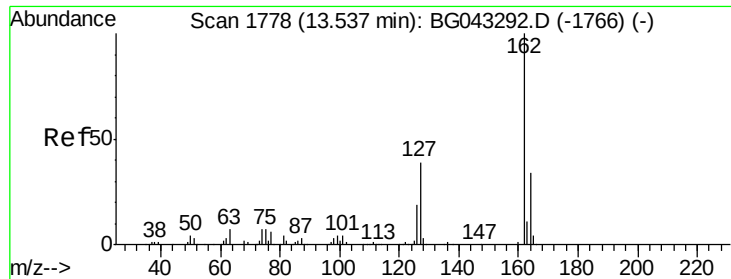
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.3	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 43.617 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.9	59.9
76	9.6	0.0	29.4

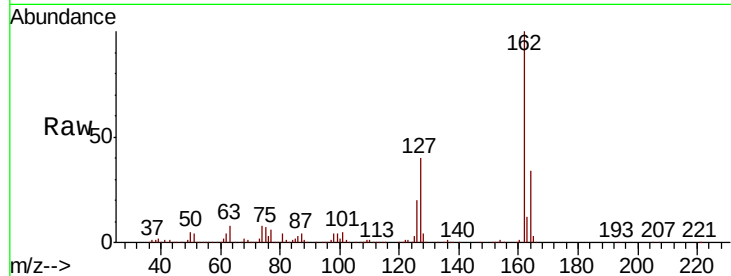




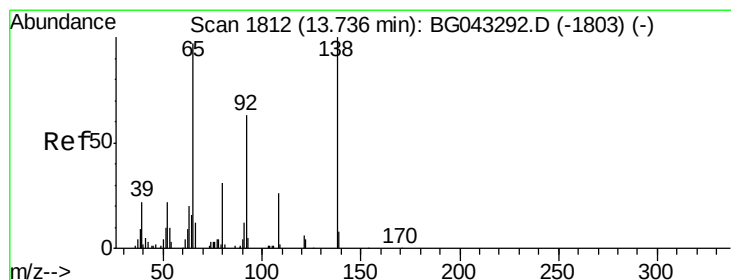
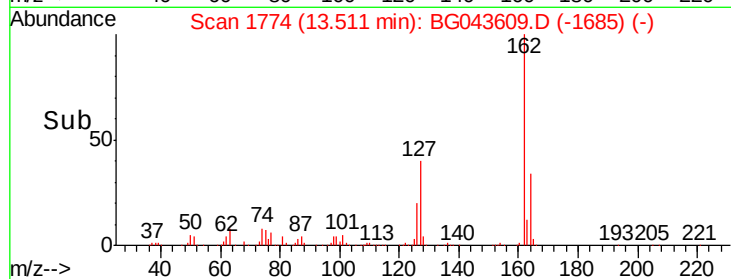
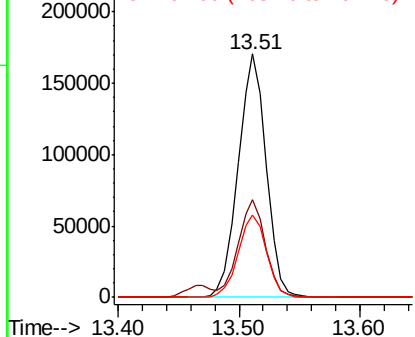
#47
 2-Chloronaphthalene
 Concen: 40.217 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.2	46.8
164	33.8	25.8	38.8

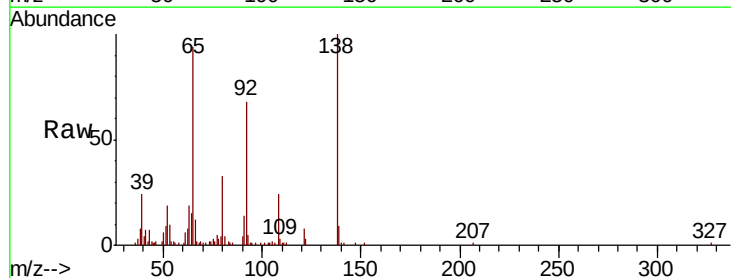


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

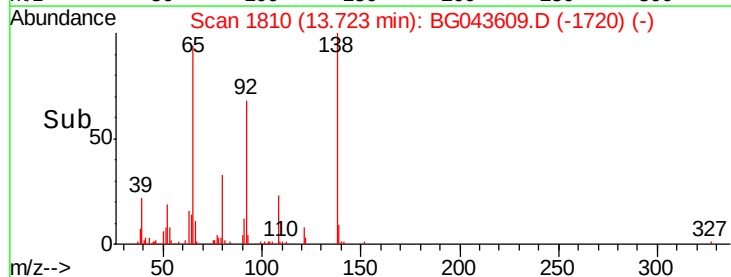
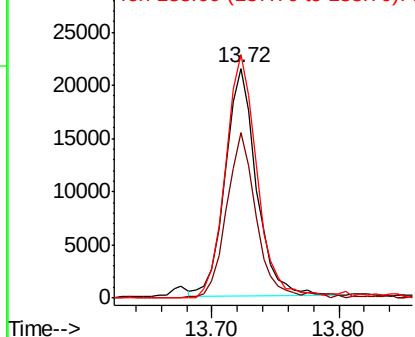


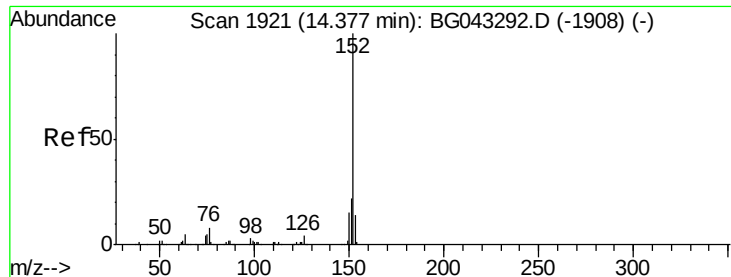
#48
 2-Nitroaniline
 Concen: 17.710 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.2	84.2
138	106.1	82.6	123.8



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





#49

Acenaphthylene

Concen: 40.959 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

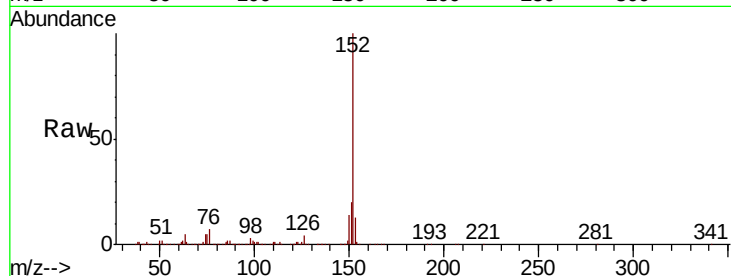
Tot Ion:152 Resp: 435924

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

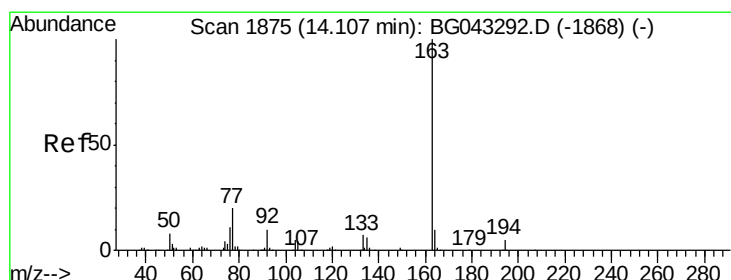
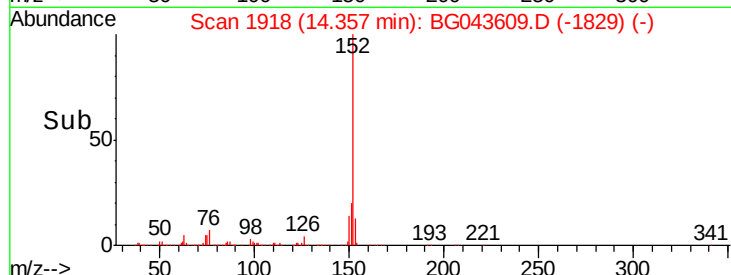
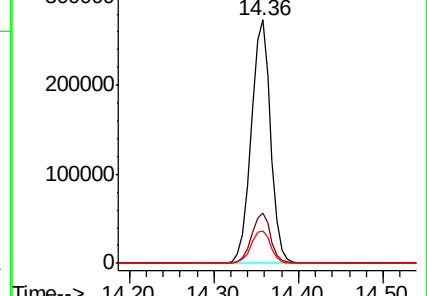
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.296 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

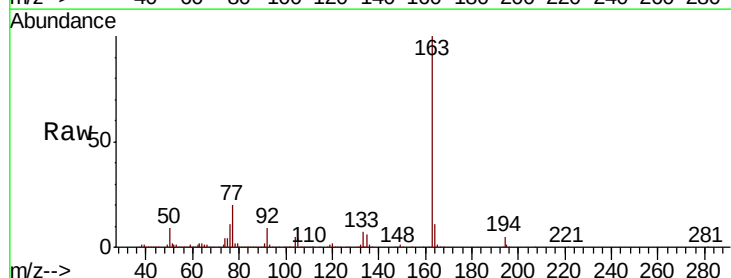
Tgt Ion:163 Resp: 460251

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

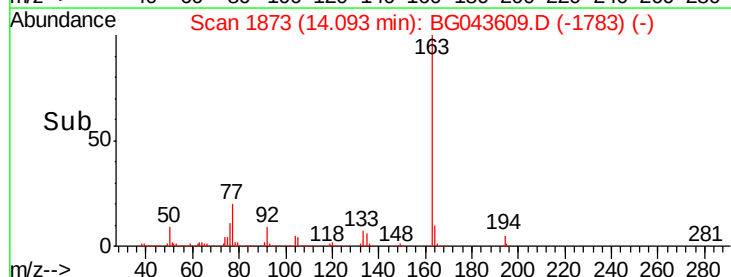
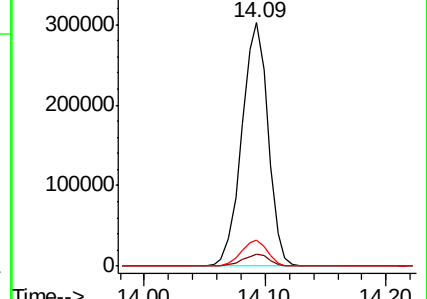
164 10.5 8.9 13.3

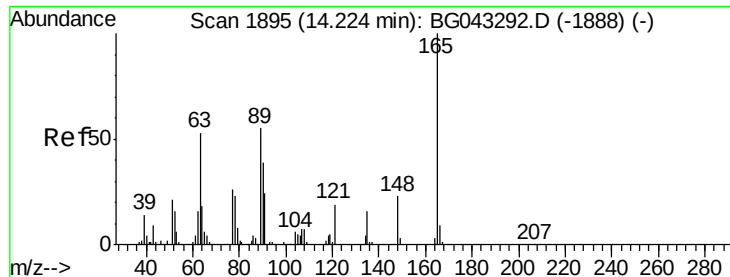


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.015 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampleId :

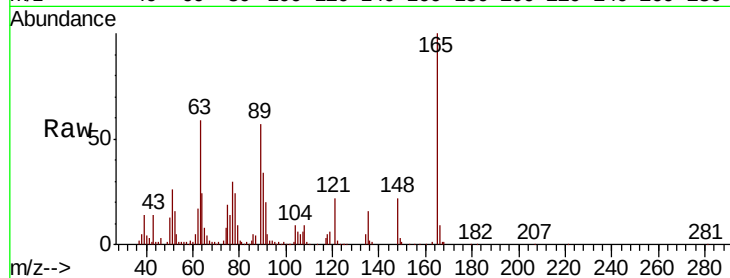
Tot Ion:165 Resp: 83527

Ion Ratio Lower Upper

165 100

63 59.4 46.6 69.8

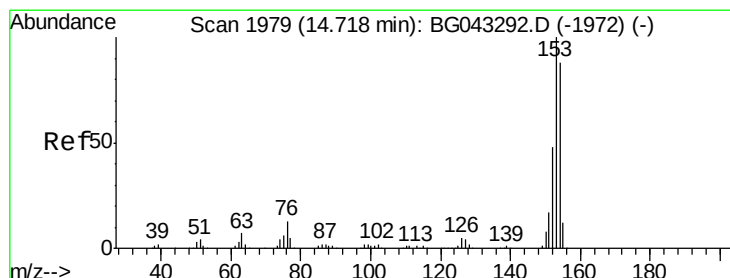
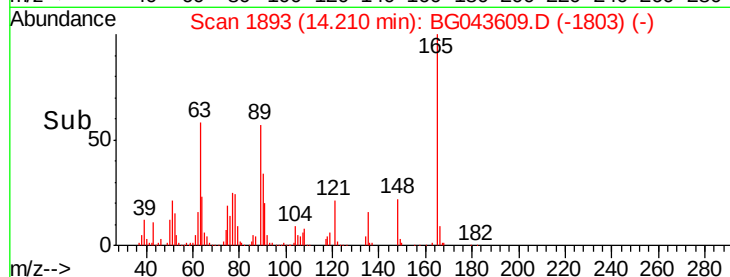
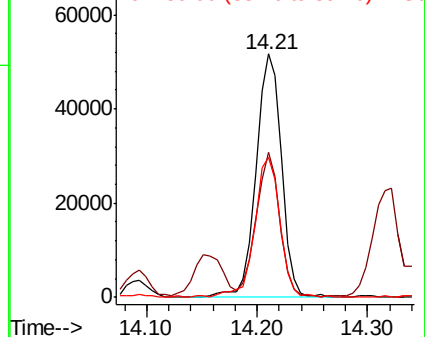
89 57.5 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.104 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

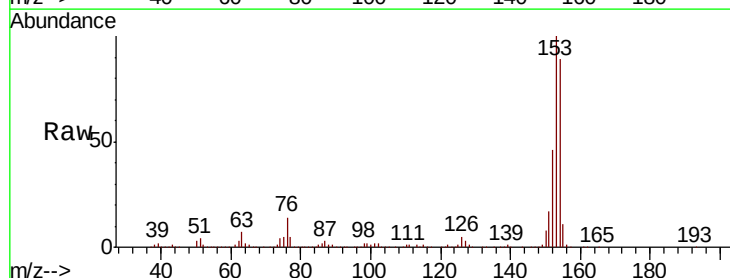
Tgt Ion:154 Resp: 266786

Ion Ratio Lower Upper

154 100

153 112.1 88.2 132.2

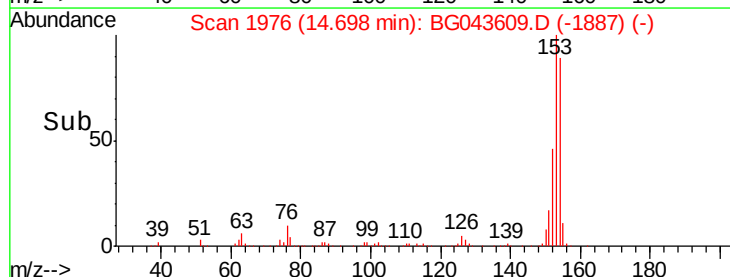
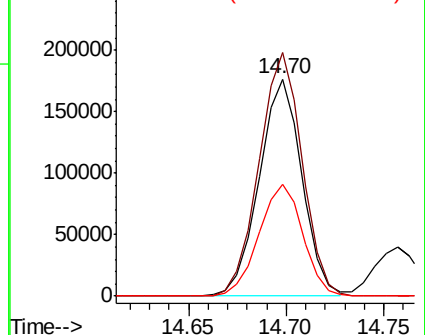
152 51.7 40.0 60.0

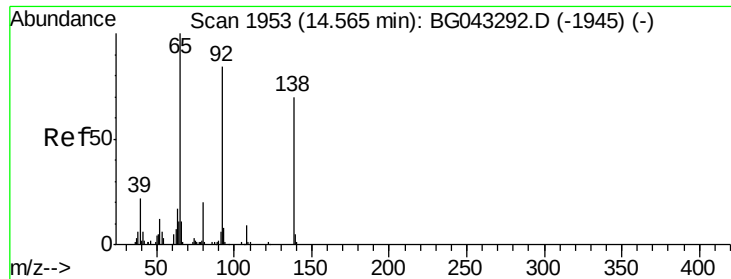


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

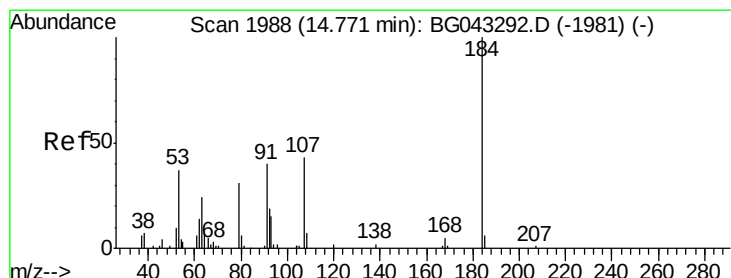
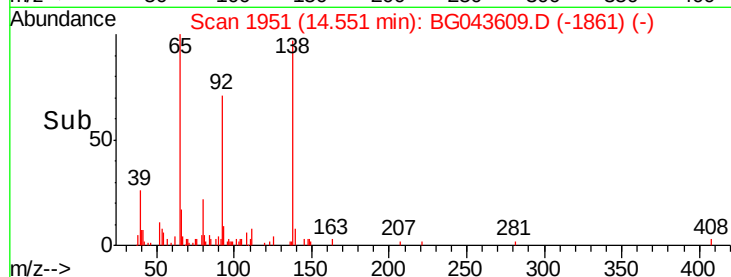
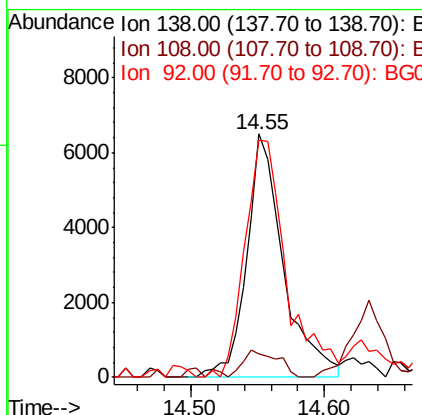
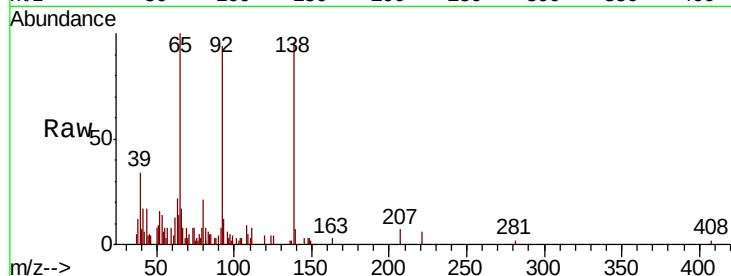




#53
3-Nitroaniline
Concen: 6.415 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

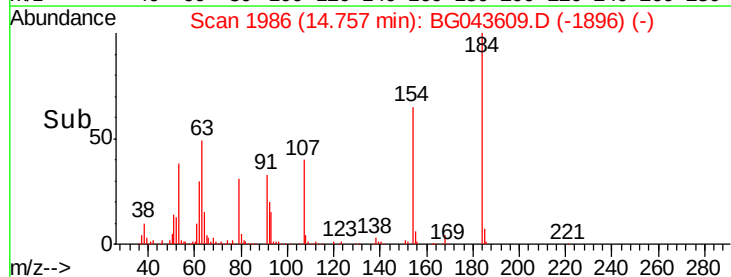
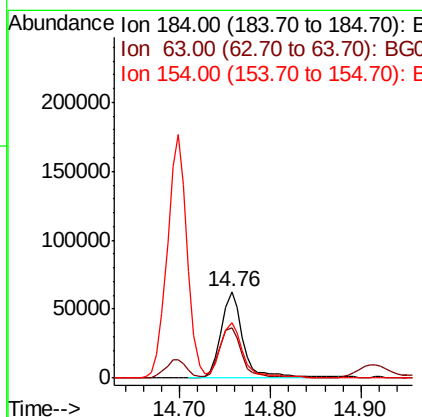
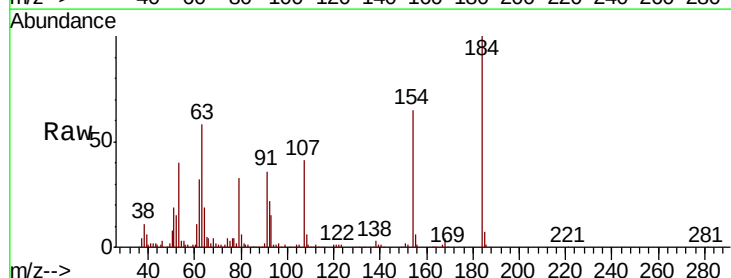
Instrument :
BNA_G
ClientSampleId :

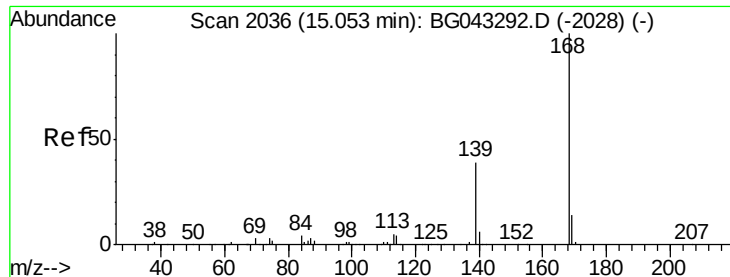
Tot Ion:138 Resp: 12313
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 97.4 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 84.974 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:184 Resp: 106107
Ion Ratio Lower Upper
184 100
63 57.9 51.3 76.9
154 64.5 55.4 83.0

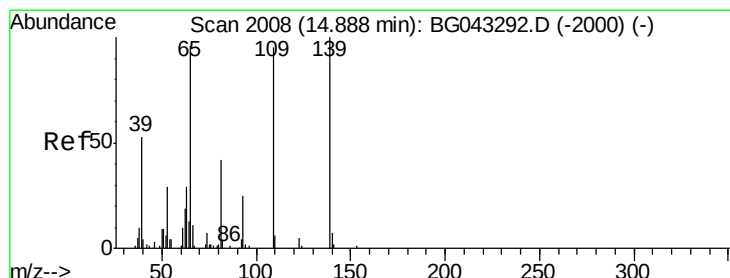
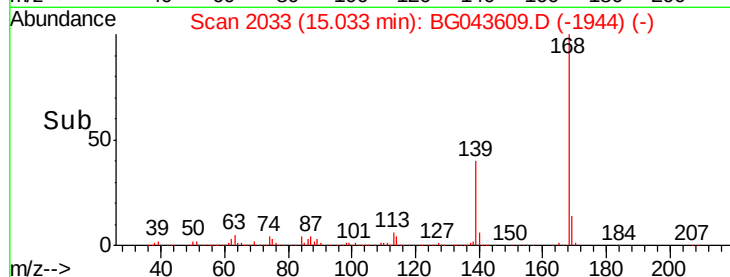
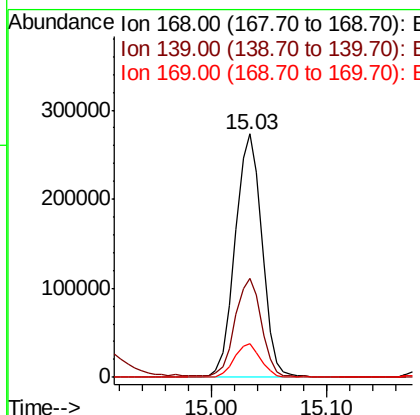
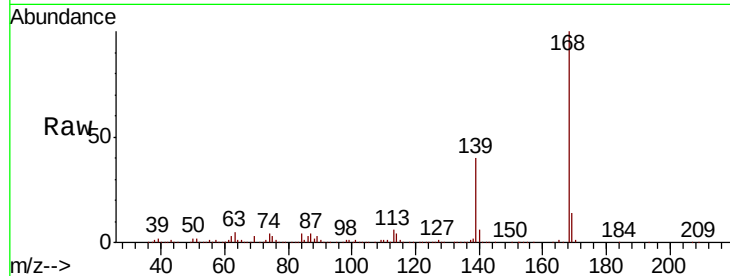




#55
Dibenzofuran
Concen: 41.622 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

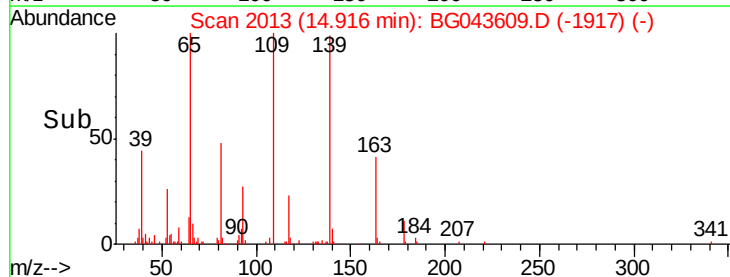
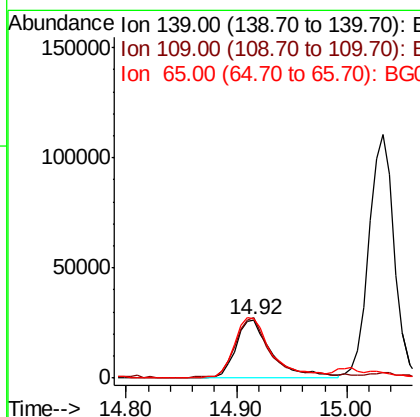
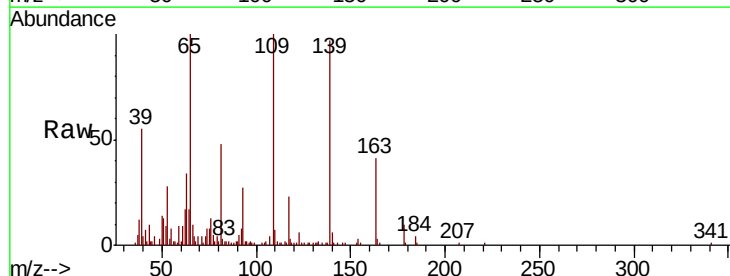
Instrument :
BNA_G
ClientSampleId :

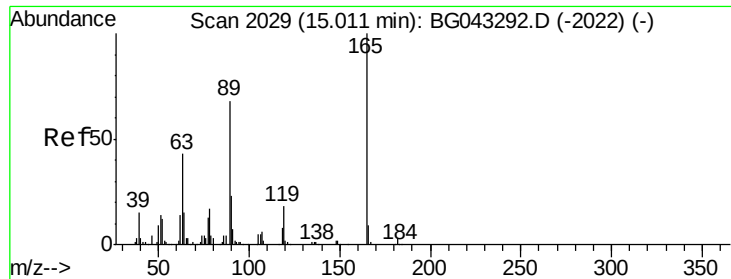
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.0	46.6
169	13.7	11.7	17.5



#56
4-Nitrophenol
Concen: 47.405 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.8	87.2	127.2
65	102.3	83.8	123.8

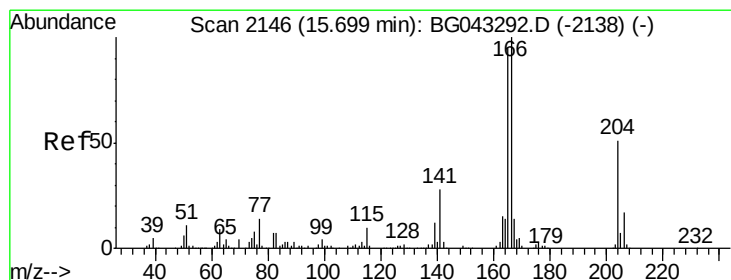
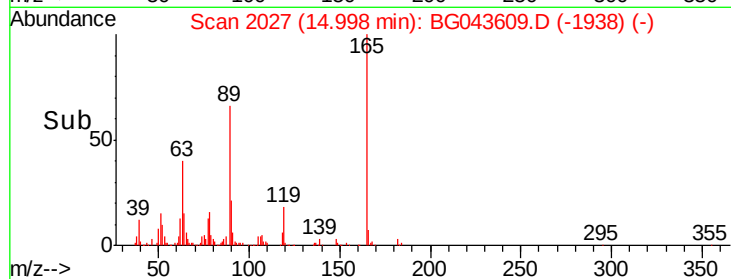
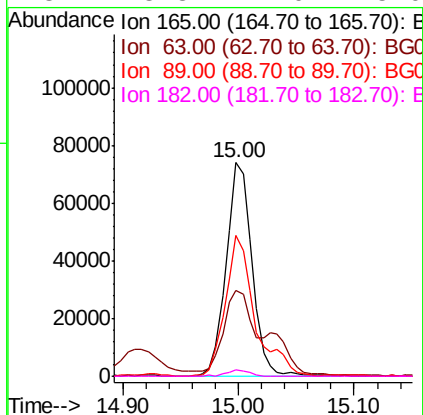
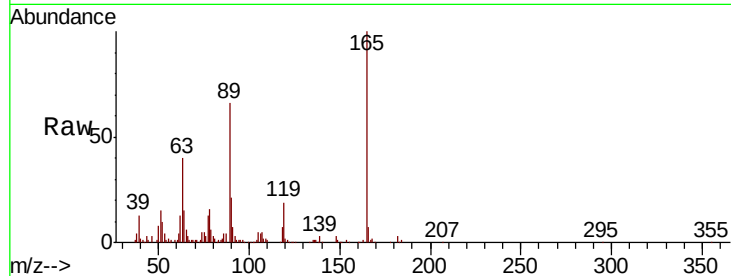




#57
 2,4-Dinitrotoluene
 Concen: 40.366 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

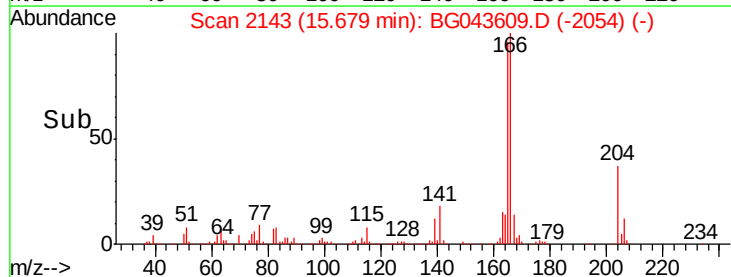
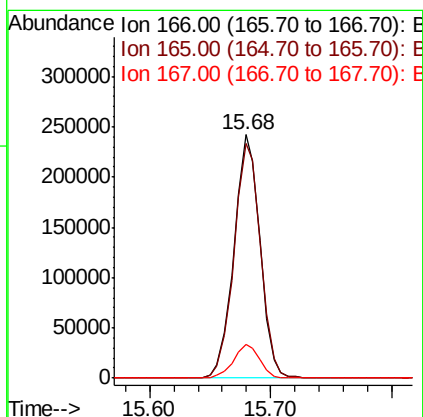
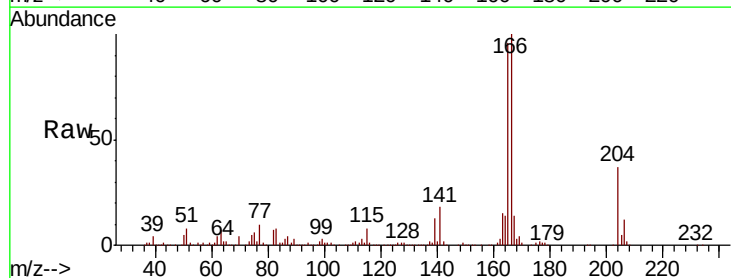
Instrument :
 BNA_G
 ClientSampled :

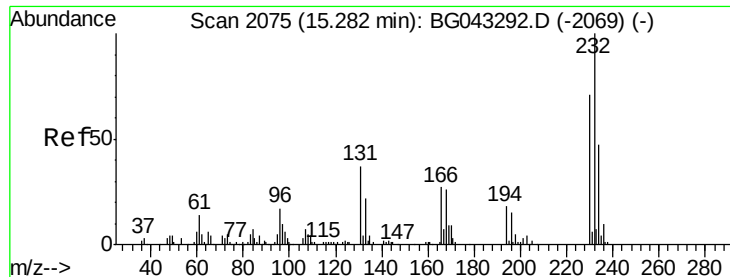
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	33.2	49.8
89	66.0	52.2	78.4
182	3.3	2.0	3.0



#58
 Fluorene
 Concen: 41.126 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.0	118.6
167	13.6	10.5	15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.529 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 112092

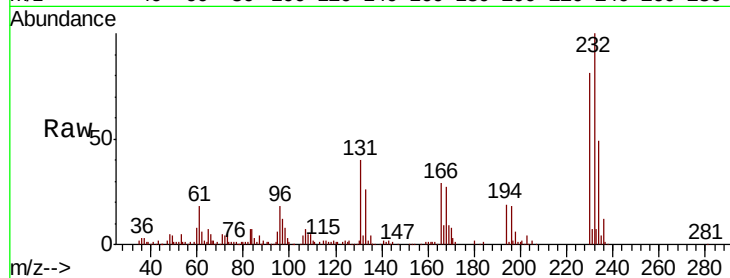
Ion Ratio Lower Upper

232 100

131 37.5 26.9 40.3

130 2.1 1.8 2.6

166 28.4 20.9 31.3

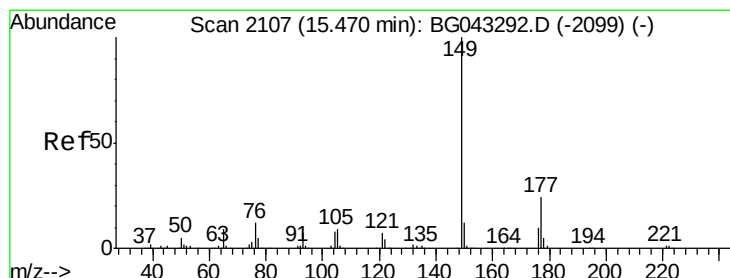
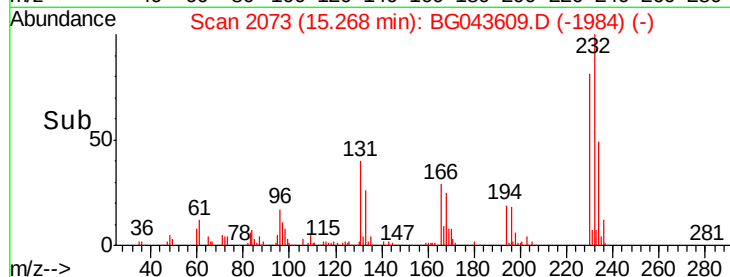
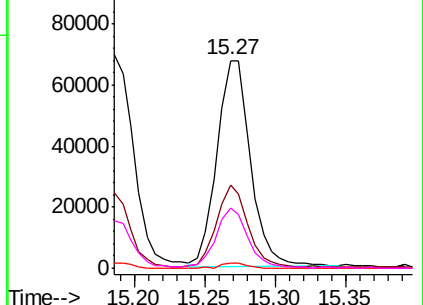


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.767 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

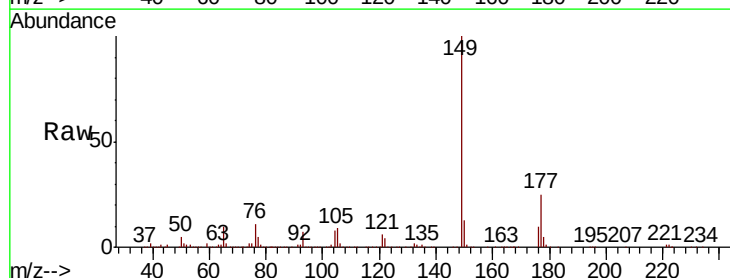
Tgt Ion:149 Resp: 374840

Ion Ratio Lower Upper

149 100

177 24.6 19.6 29.4

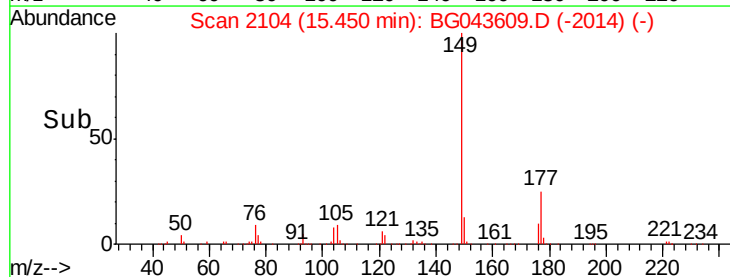
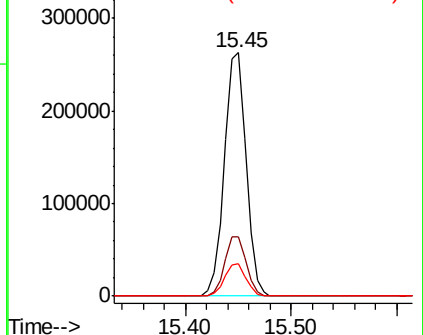
150 13.4 10.8 16.2

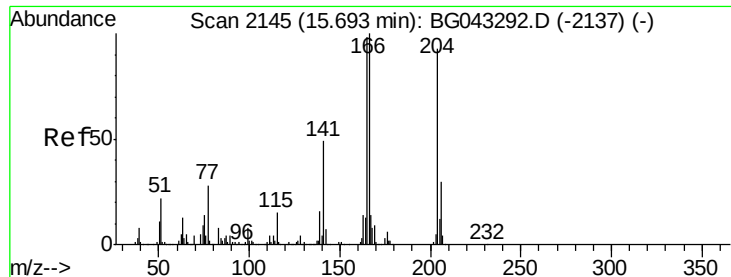


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

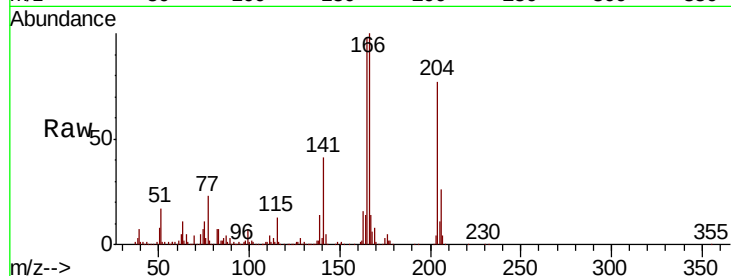




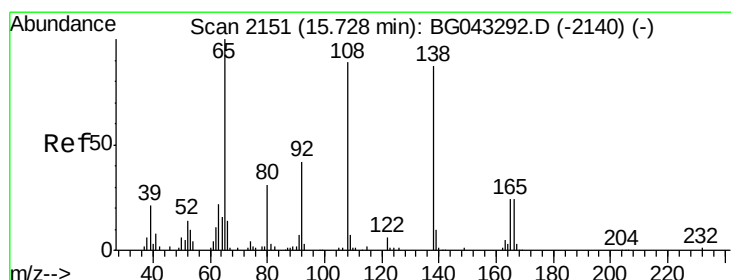
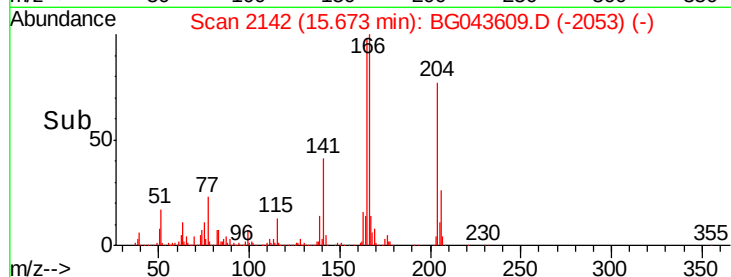
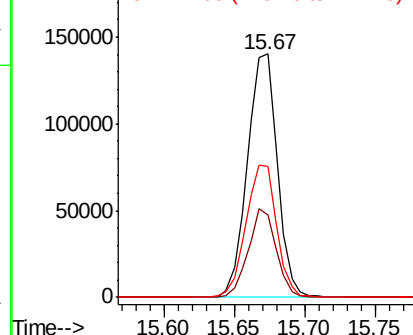
#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 209771
Ion Ratio Lower Upper
204 100
206 33.6 28.4 42.6
141 53.6 43.0 64.6

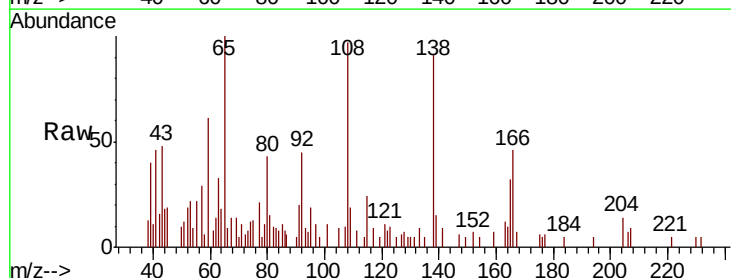


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

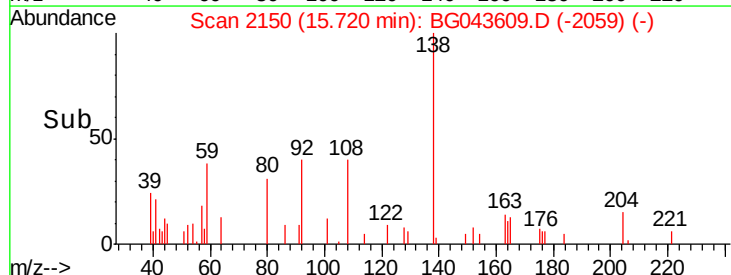
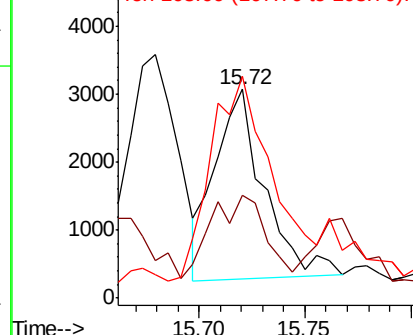


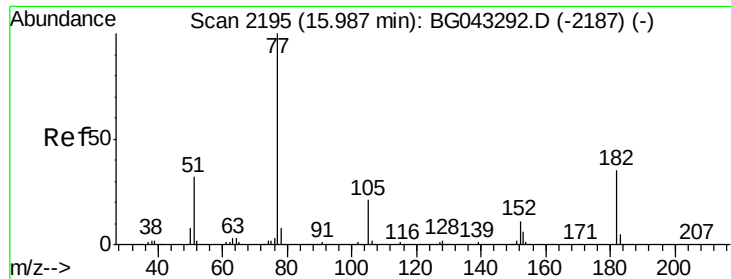
#62
4-Nitroaniline
Concen: 2.261 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:138 Resp: 4481
Ion Ratio Lower Upper
138 100
92 49.4 33.4 73.4
108 106.6 78.0 118.0



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

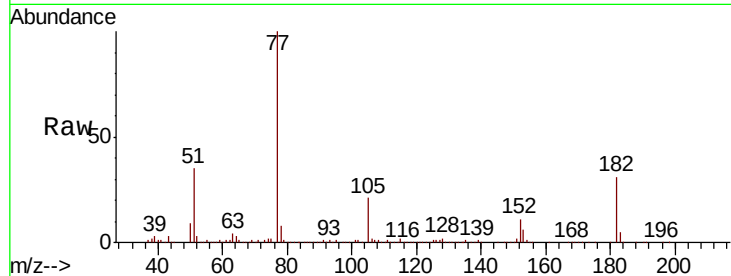




#63
Azobenzene
Concen: 40.414 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	13.7	53.7
105	21.0	0.4	40.4
51	35.4	11.0	51.0



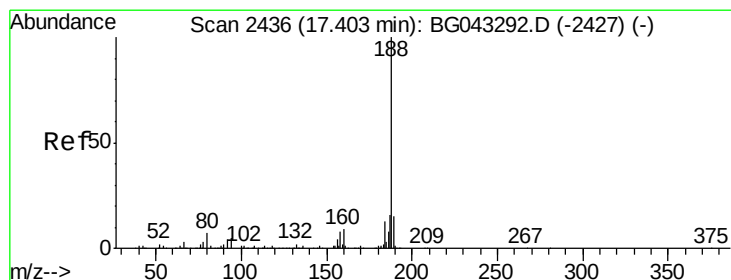
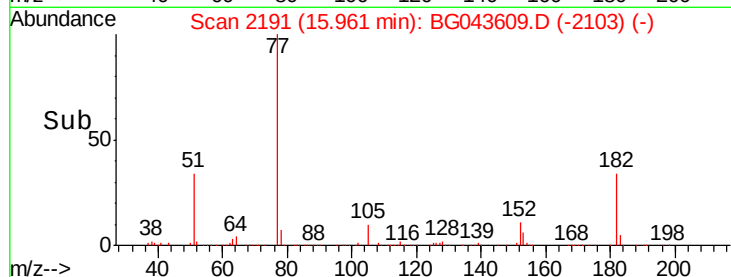
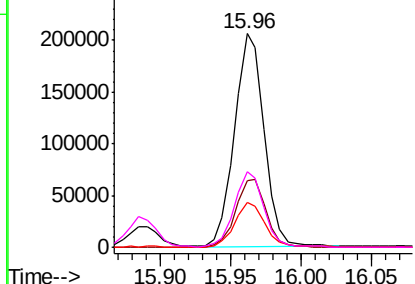
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

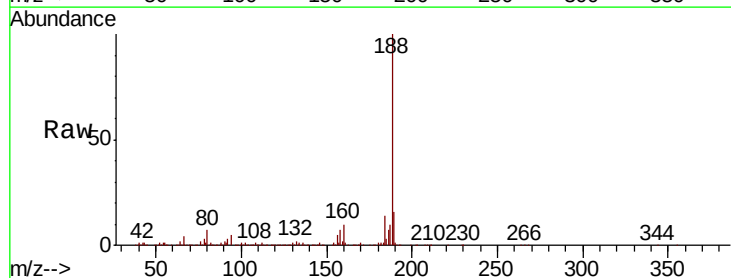
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	6.6	4.5	6.7

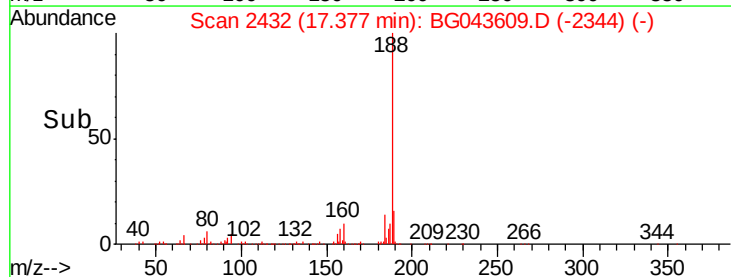
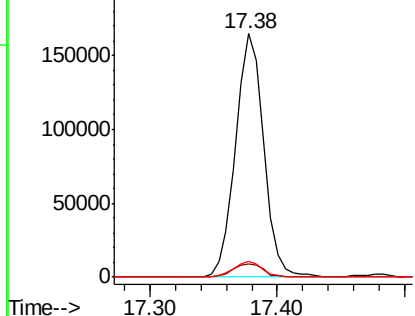


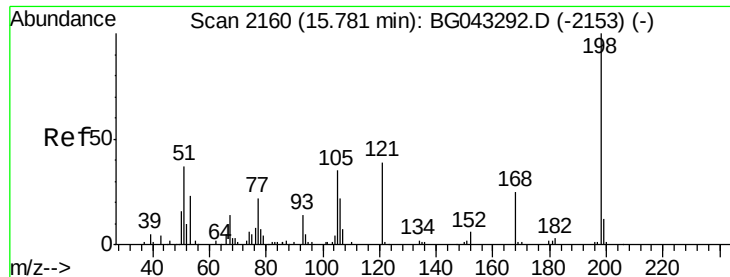
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.604 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

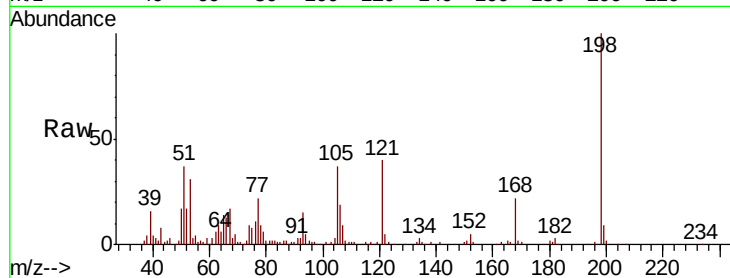
Tot Ion:198 Resp: 69232

Ion Ratio Lower Upper

198 100

51 36.8 13.2 53.2

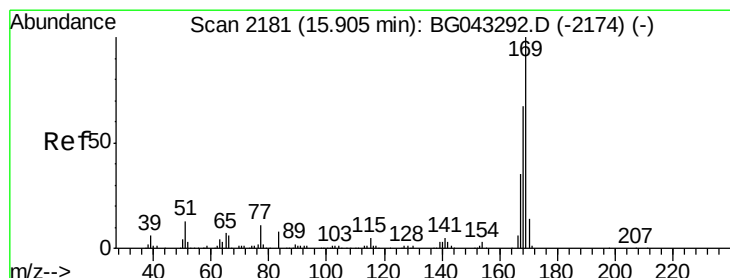
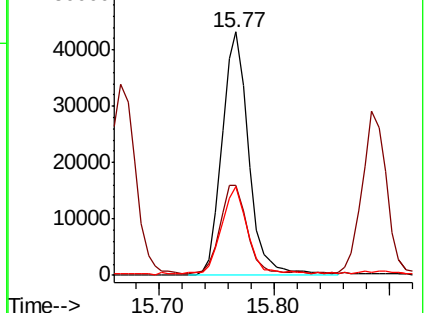
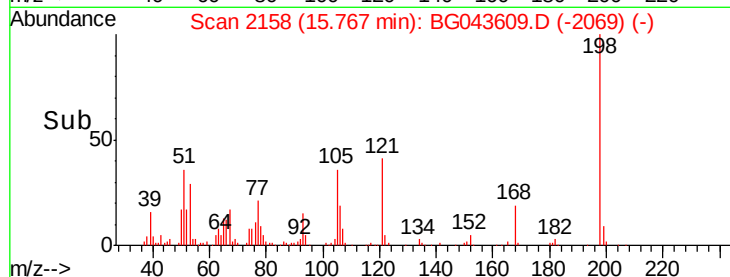
105 36.6 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.980 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

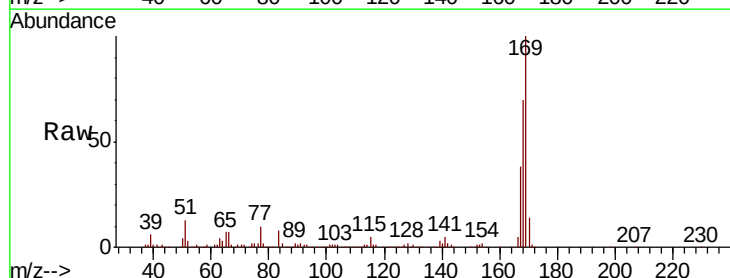
Tgt Ion:169 Resp: 313431

Ion Ratio Lower Upper

169 100

168 69.5 53.8 80.6

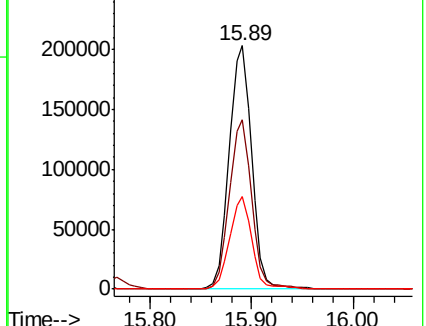
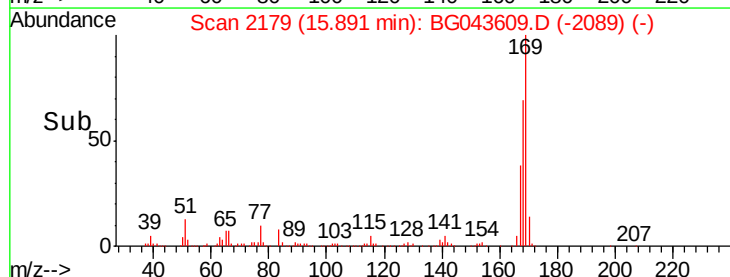
167 37.8 27.5 41.3

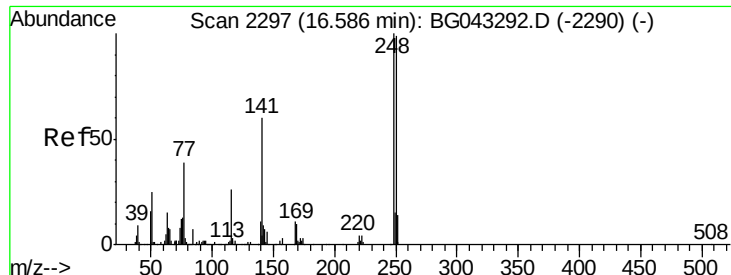


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

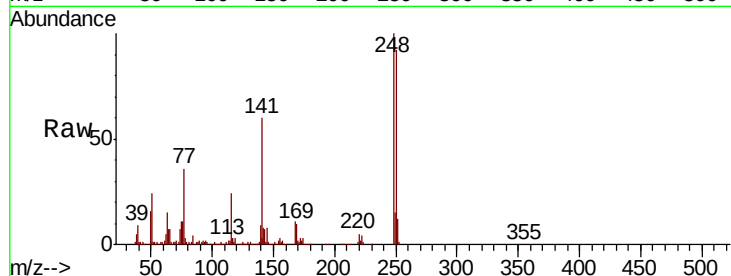




#67
4-Bromophenyl-phenylether
Concen: 42.935 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	77.0	115.4
141	59.7	47.5	71.3

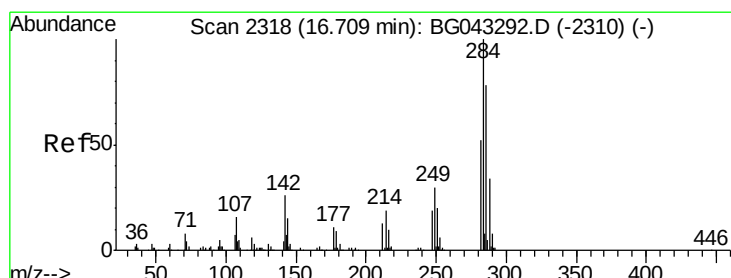
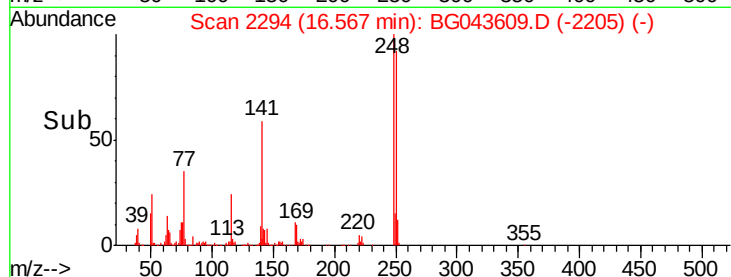
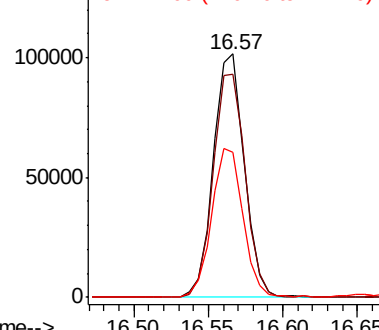


Abundance

Ion 248.00 (247.70 to 248.70): E

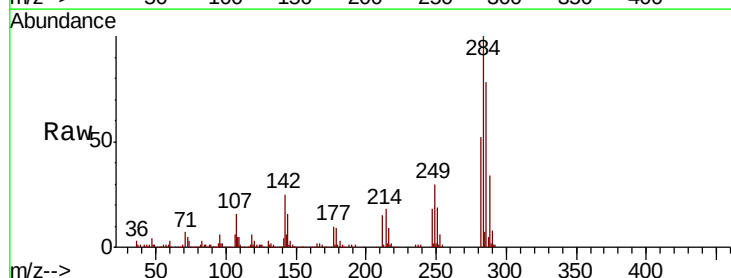
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.482 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	19.8	29.8
249	29.7	23.8	35.6

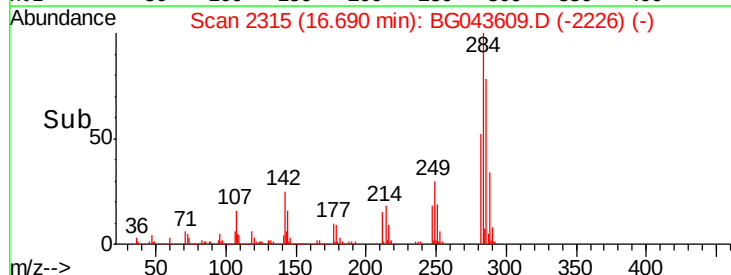
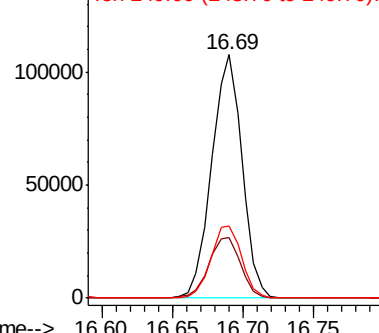


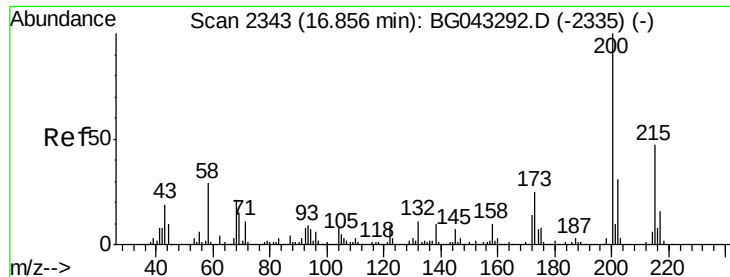
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

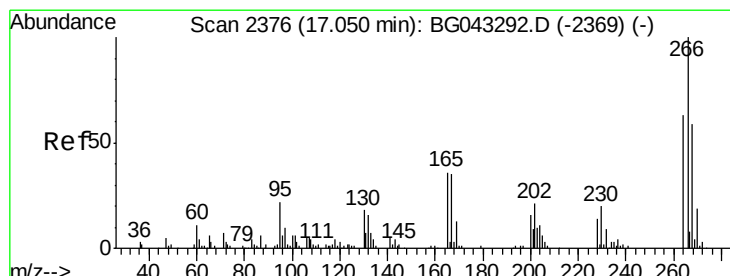
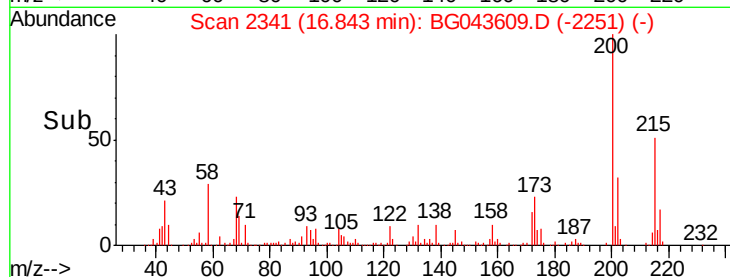
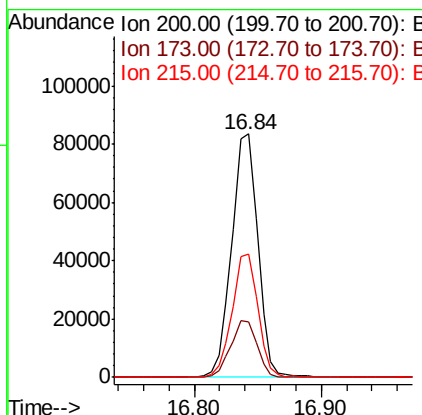
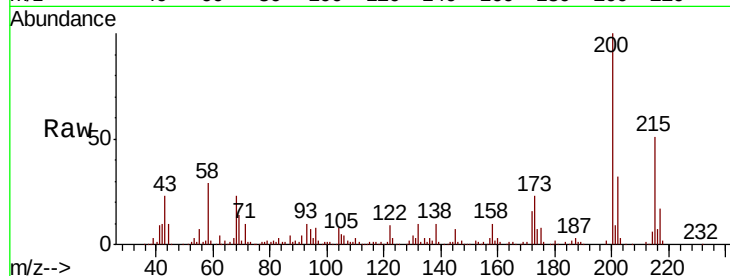




#69
Atrazine
Concen: 48.037 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

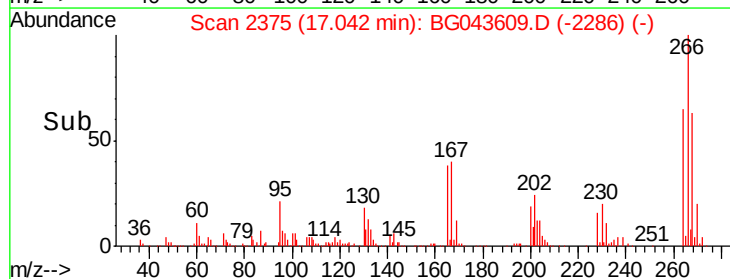
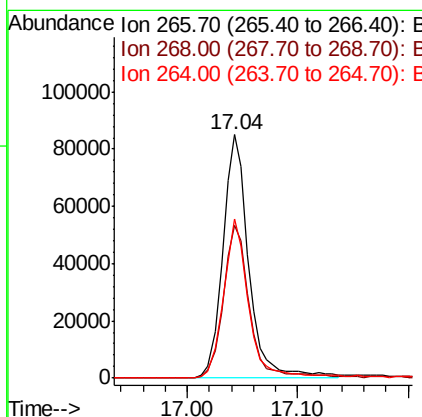
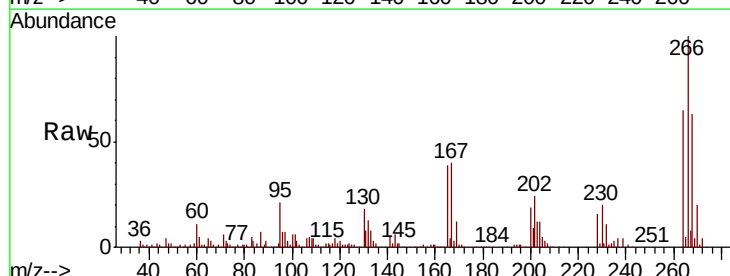
Instrument :
BNA_G
ClientSampled :

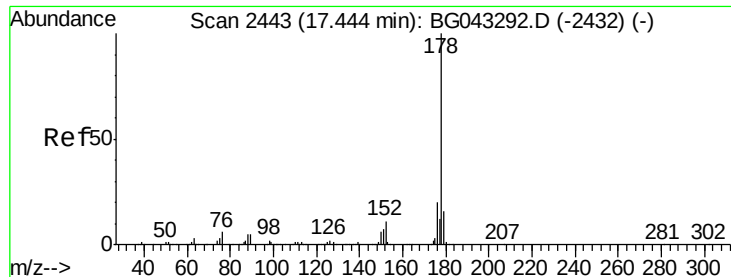
Tot Ion:200 Resp: 118958
Ion Ratio Lower Upper
200 100
173 22.6 4.7 44.7
215 50.9 28.5 68.5



#70
Pentachlorophenol
Concen: 78.553 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:266 Resp: 139576
Ion Ratio Lower Upper
266 100
268 62.8 50.4 75.6
264 65.2 48.9 73.3

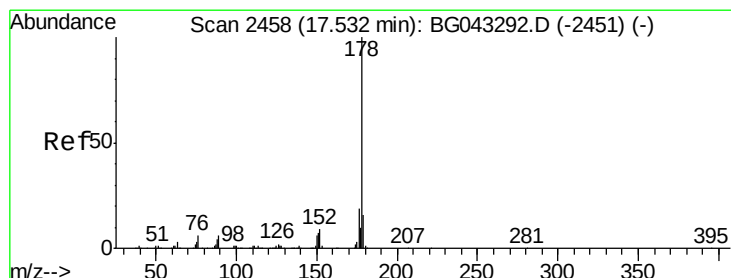
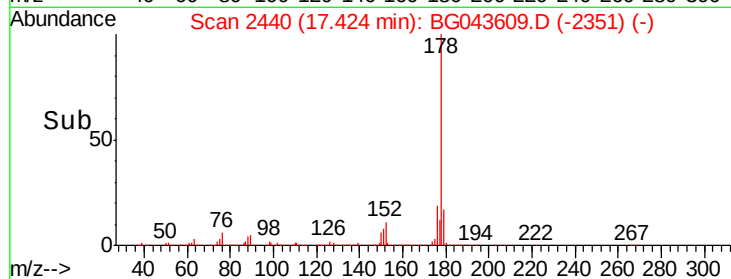
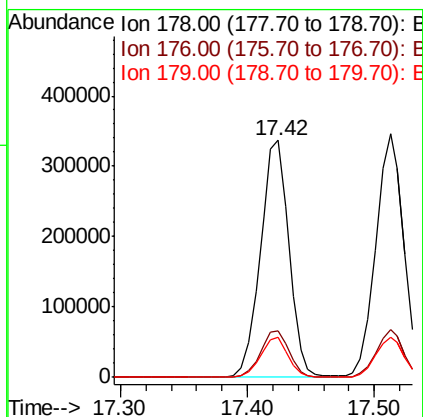
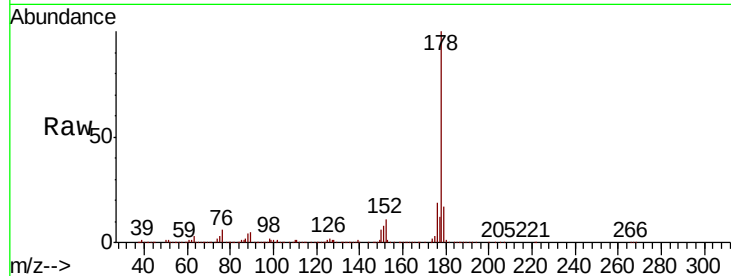




#71
Phenanthrene
Concen: 40.813 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

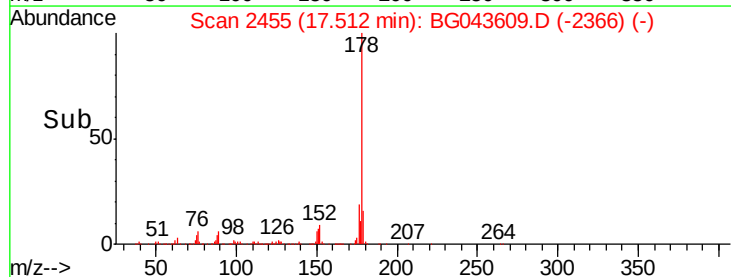
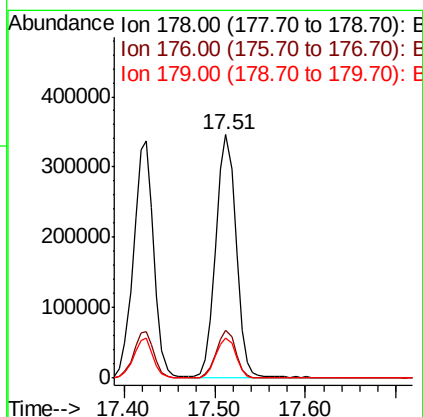
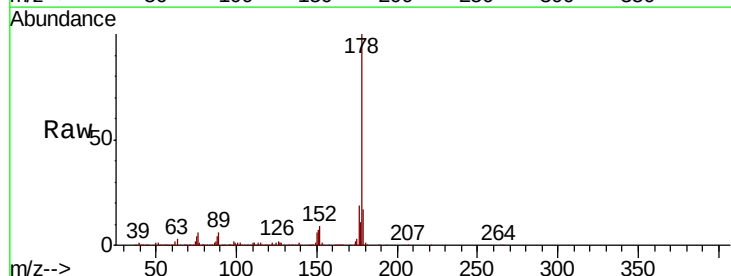
Instrument :
BNA_G
ClientSampled :

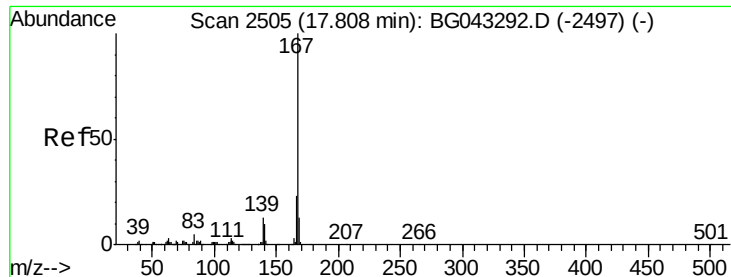
Tot Ion:178 Resp: 527552
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 17.1 13.0 19.6



#72
Anthracene
Concen: 41.706 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:178 Resp: 539371
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.6 13.7 20.5

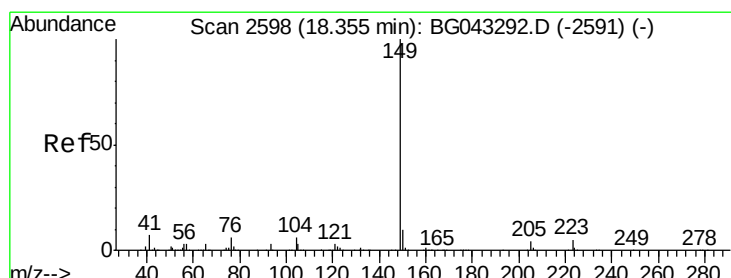
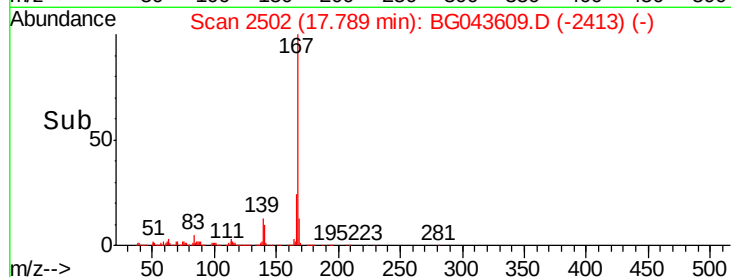
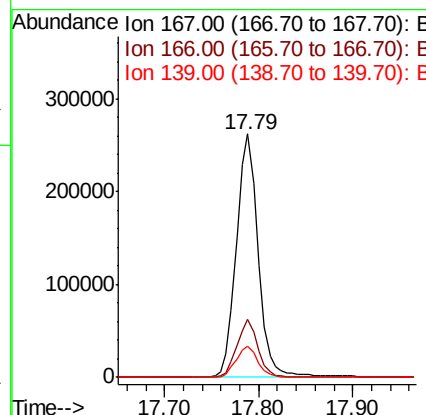
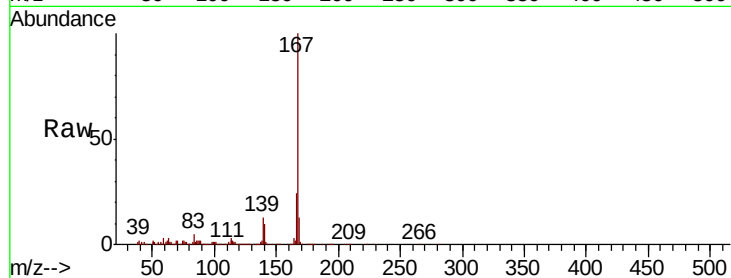




#73
 Carbazole
 Concen: 36.228 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

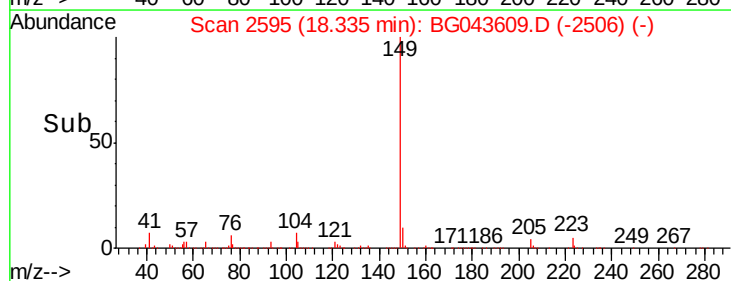
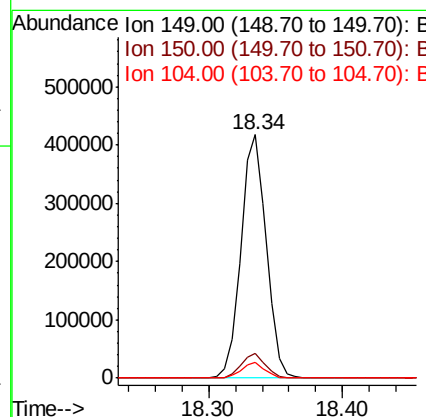
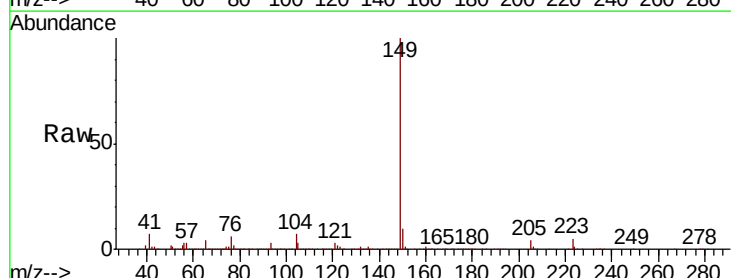
Instrument :
 BNA_G
 ClientSampleId :

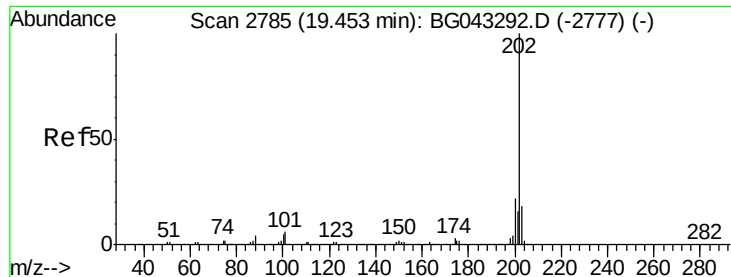
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.7	28.1
139	13.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 38.383 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	6.6	4.4	6.6#





#75

Fluoranthene

Concen: 35.354 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043609.D

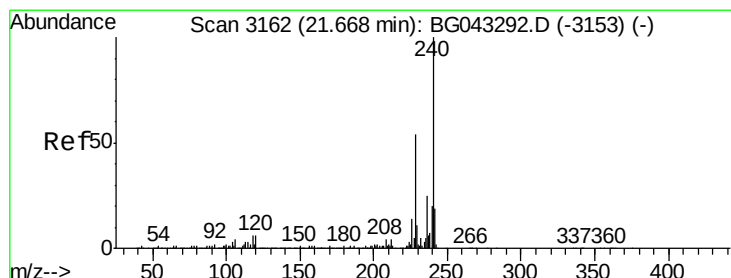
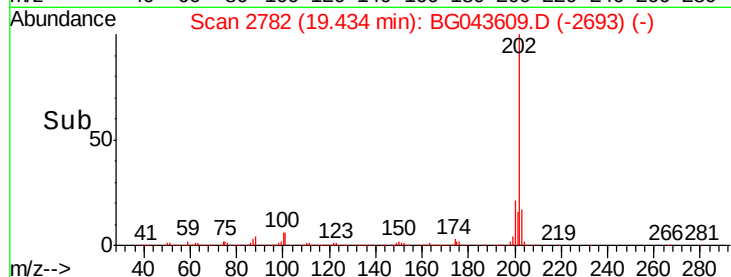
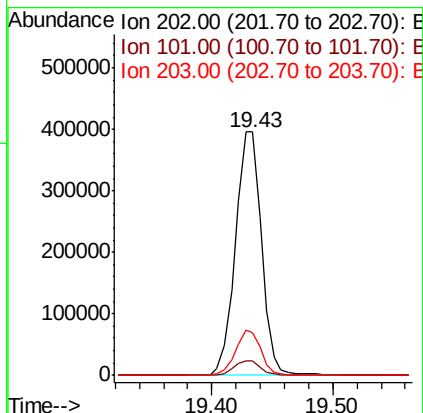
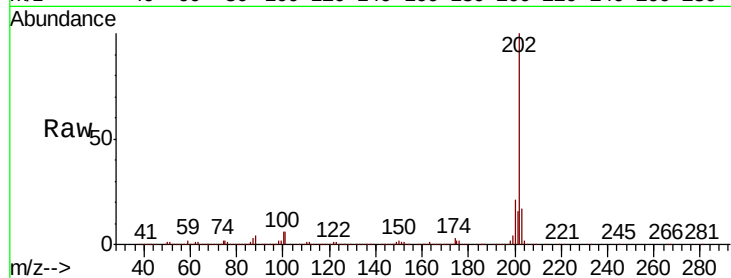
Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	595772
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.3
203	17.4	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

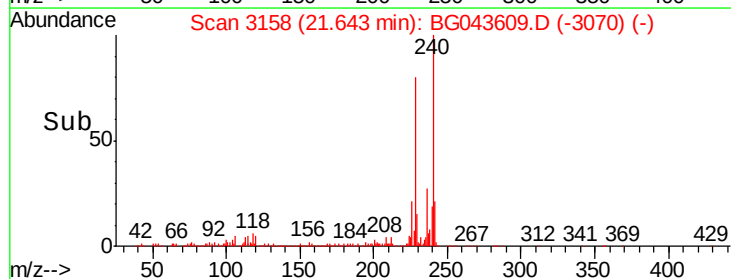
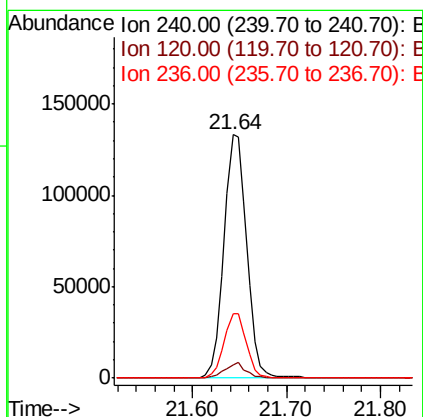
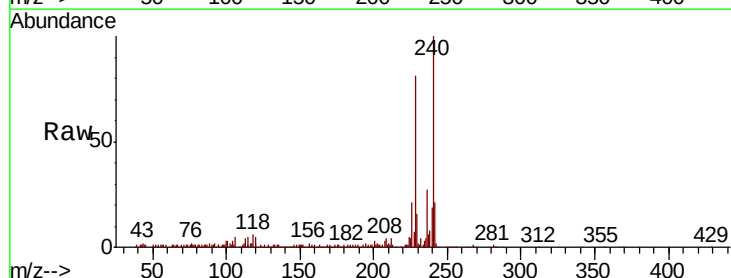
RT: 21.64 min Scan# 3158

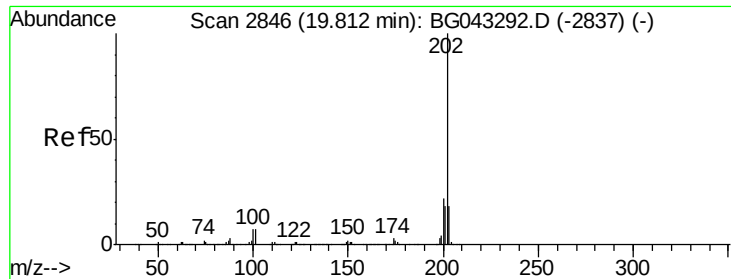
Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	240	Resp:	225252
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.6	6.8
236	26.6	19.8	29.8





#78

Pvrene

Concen: 42.704 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043609.D

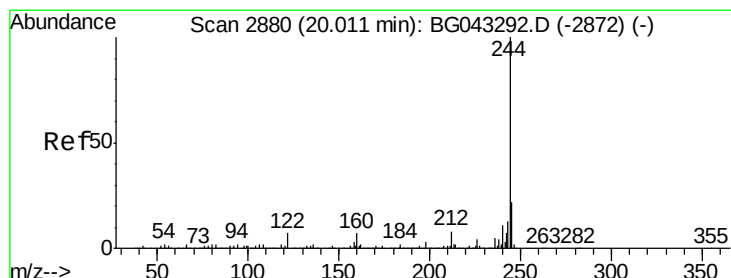
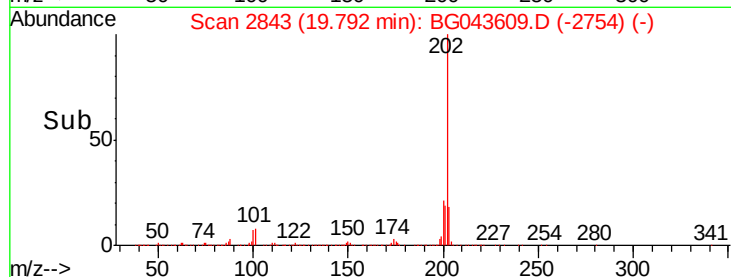
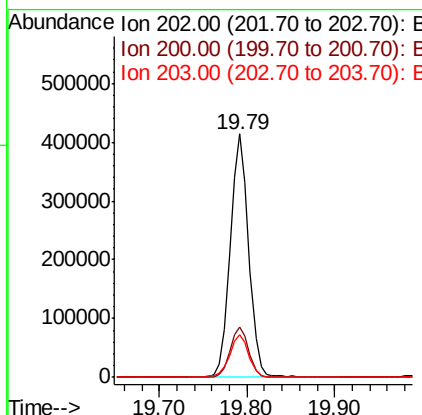
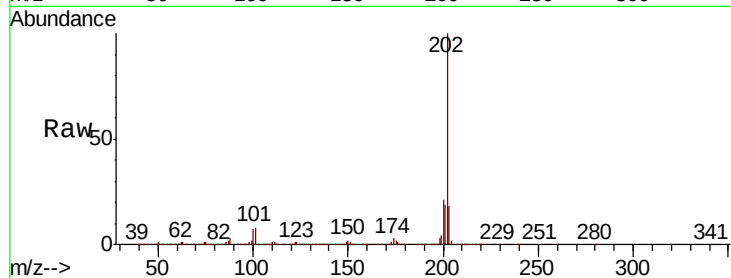
Acq: 12 Nov 2019 8:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	595409
Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.7	14.7	22.1



#79

Terphenyl-d14

Concen: 83.234 ng

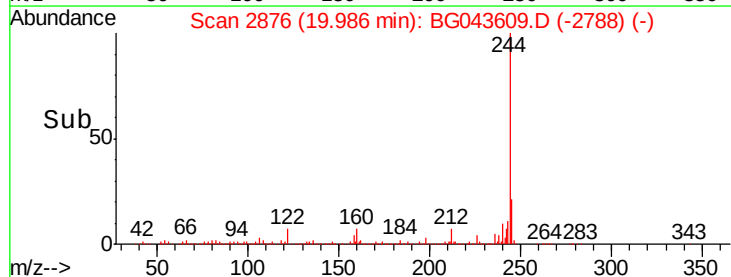
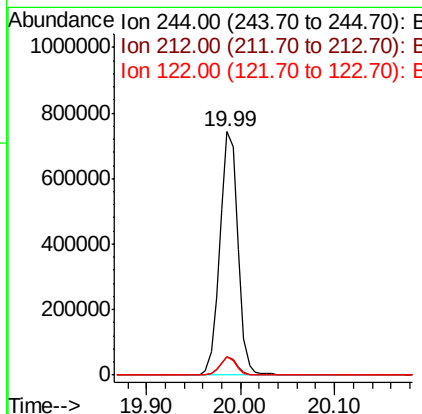
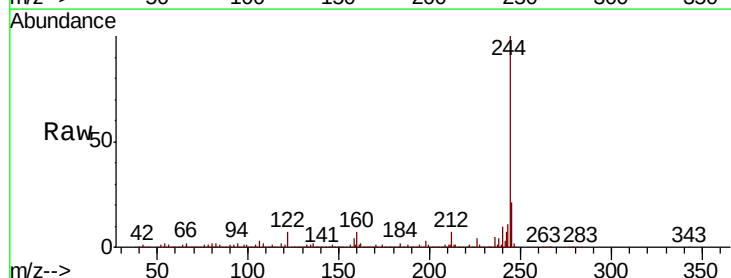
RT: 19.99 min Scan# 2876

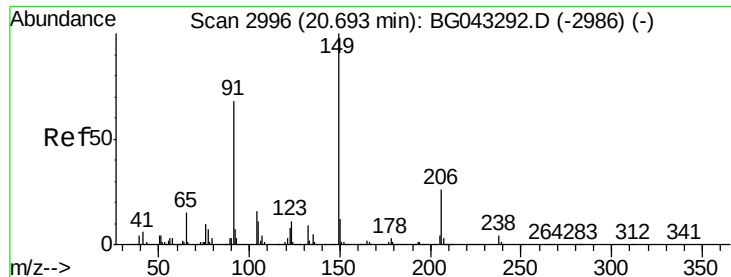
Delta R.T. -0.01 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:	244	Resp:	999364
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.4	5.4	8.2

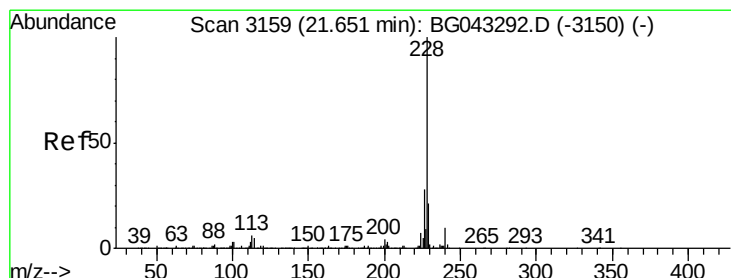
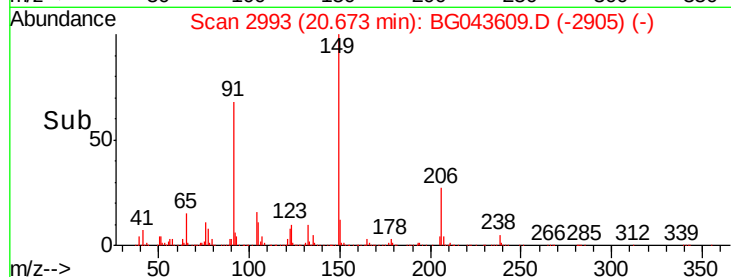
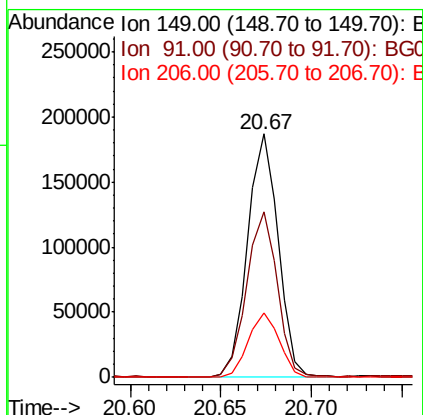
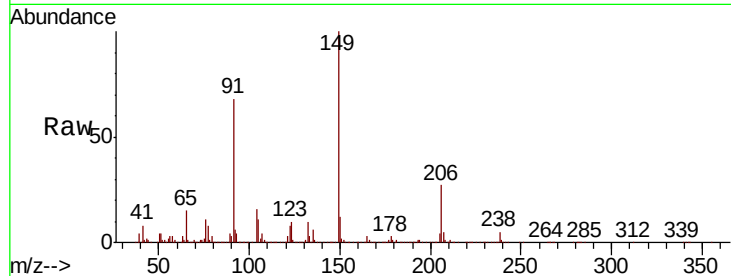




#80
Butylbenzylphthalate
Concen: 41.735 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

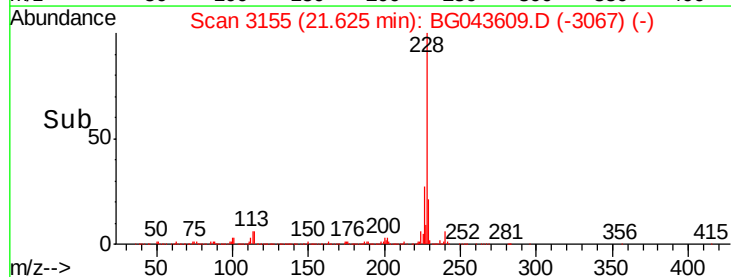
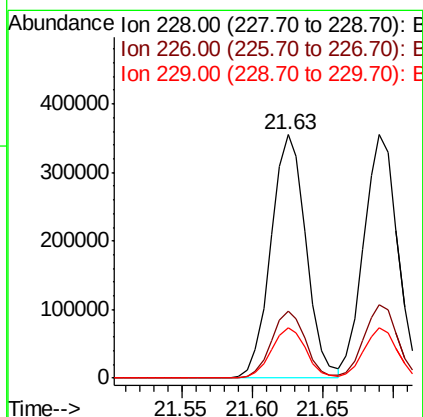
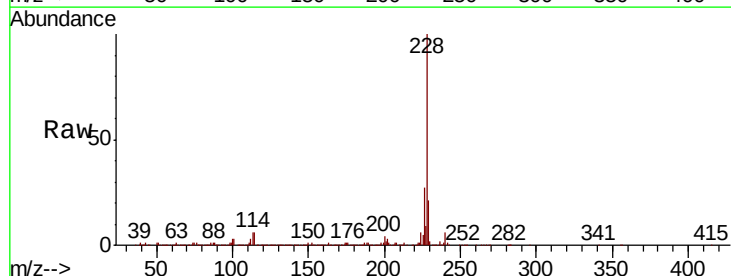
Instrument :
BNA_G
ClientSampled :

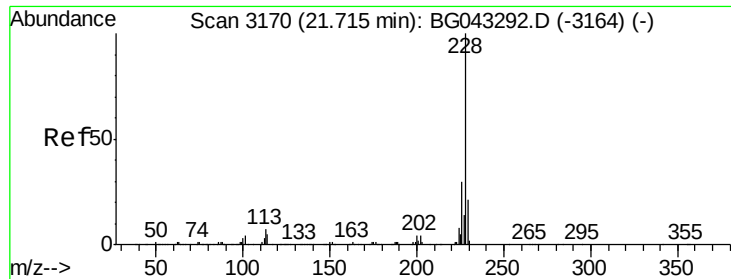
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.2	76.8
206	26.7	22.5	33.7



#81
Benzo(a)anthracene
Concen: 43.668 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.5	17.0	25.4

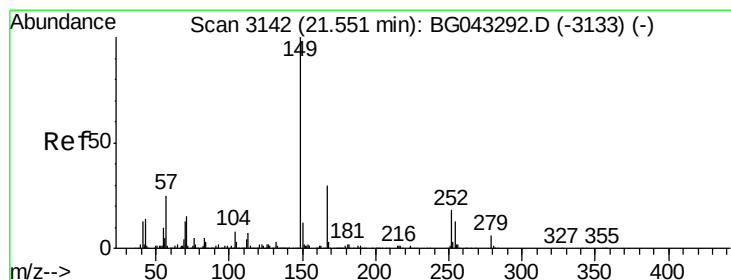
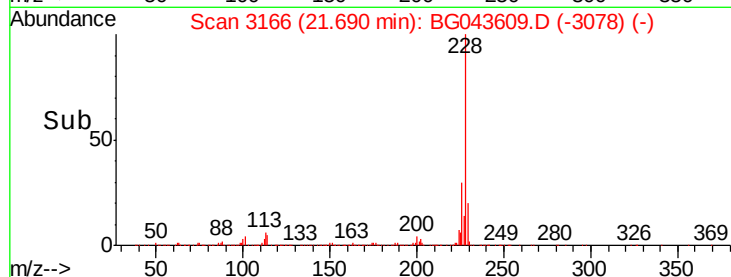
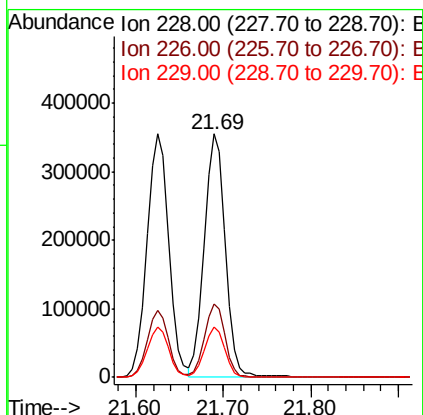
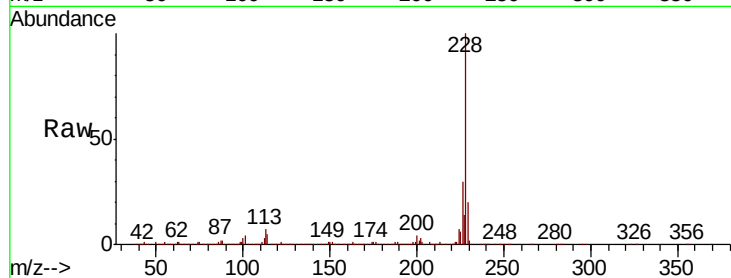




#83
 Chrysene
 Concen: 42.377 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

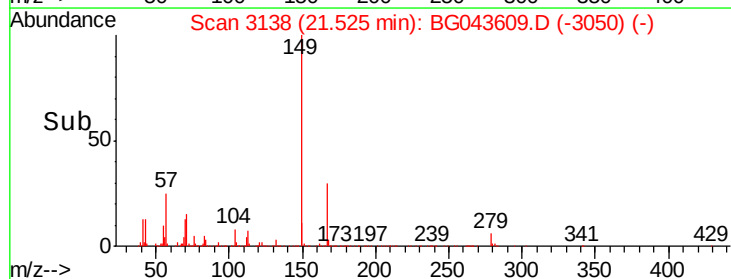
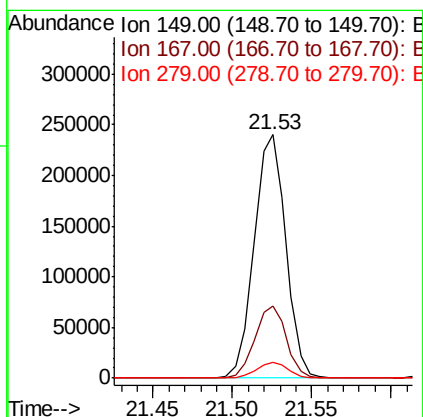
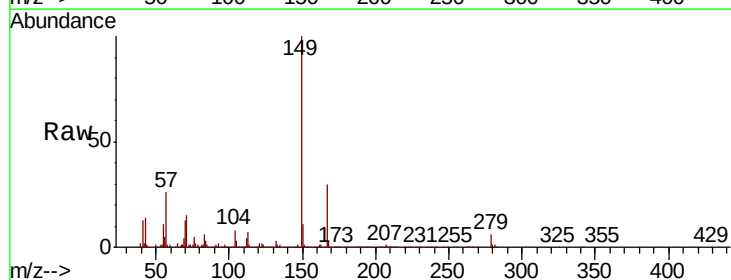
Instrument :
 BNA_G
 ClientSampleId :

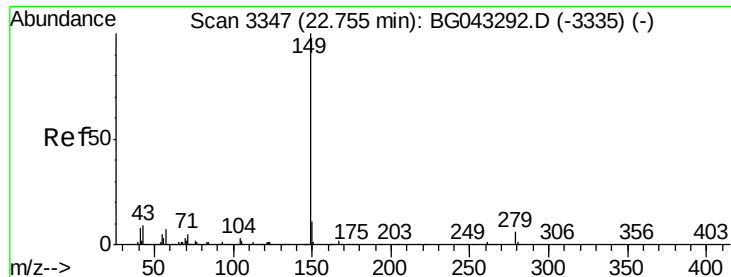
Tot Ion:228 Resp: 594084
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.1 37.7
 229 20.4 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.170 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043609.D
 Acq: 12 Nov 2019 8:41

Tgt Ion:149 Resp: 331441
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 6.4 5.4 8.2

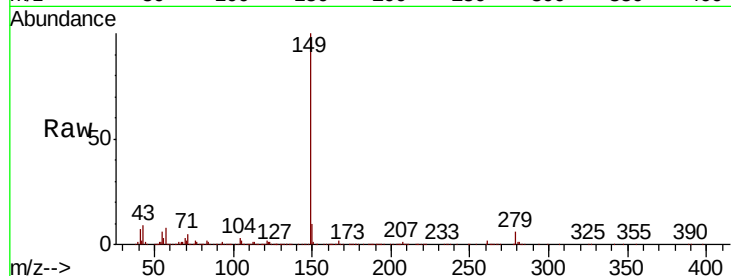




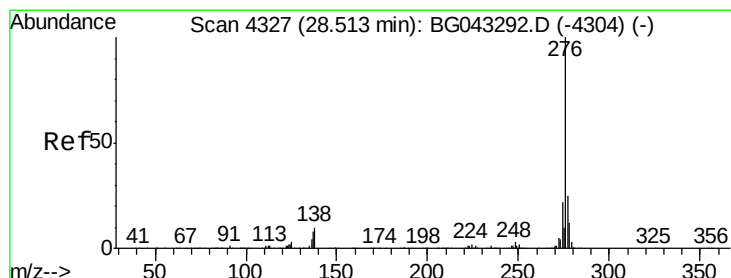
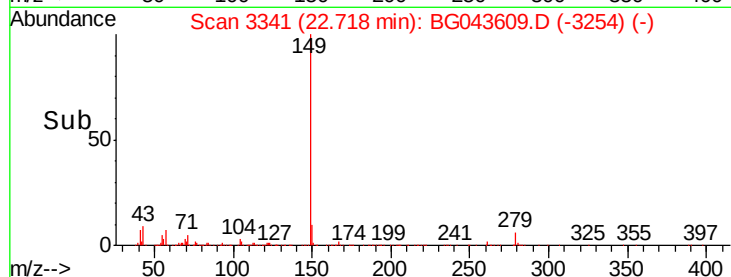
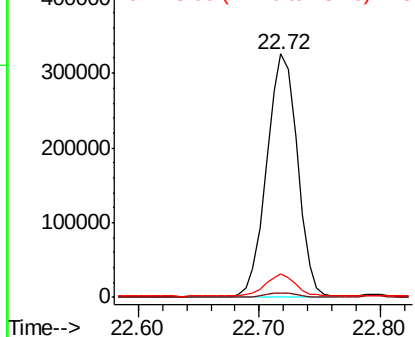
#85
Di-n-octyl phthalate
Concen: 44.778 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 570043
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 9.6 7.0 10.6

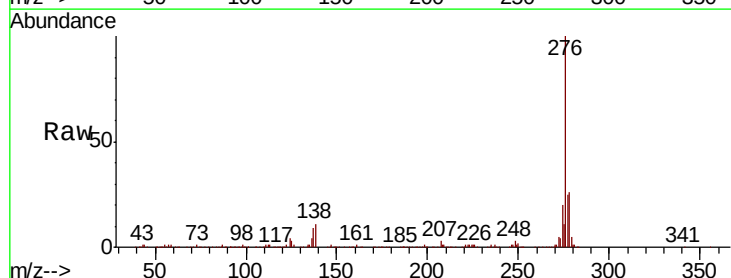


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

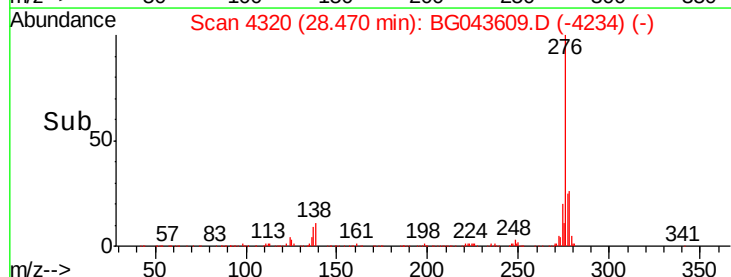
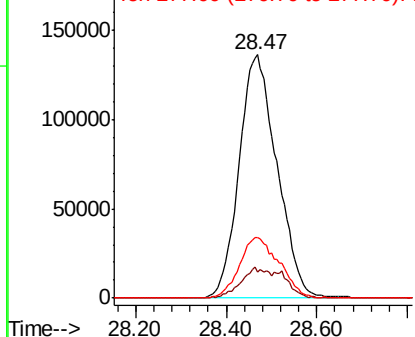


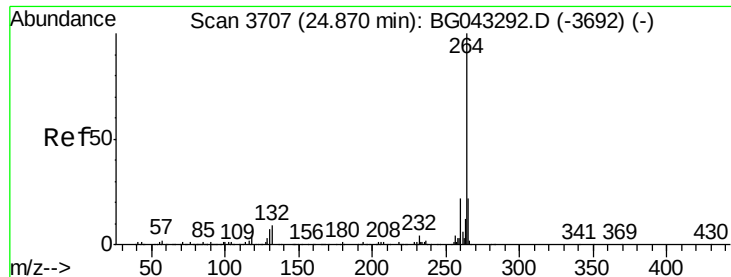
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.961 ng
RT: 28.47 min Scan# 4320
Delta R.T. -0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:276 Resp: 791200
Ion Ratio Lower Upper
276 100
138 9.2 6.8 10.2
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



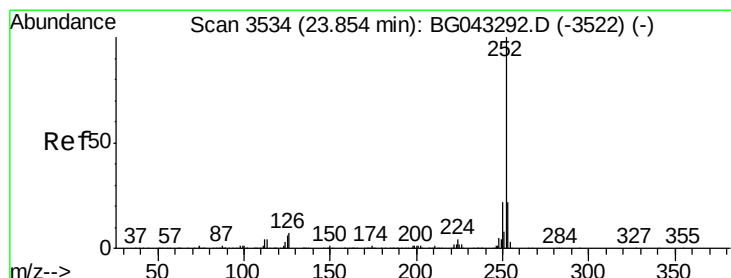
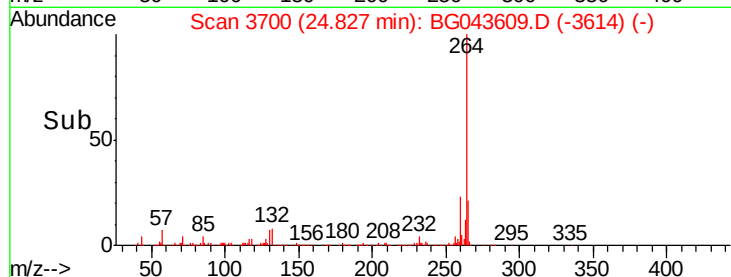
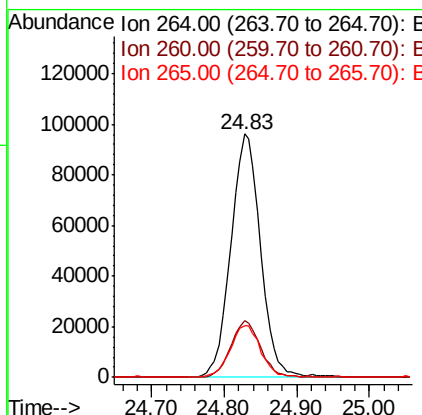
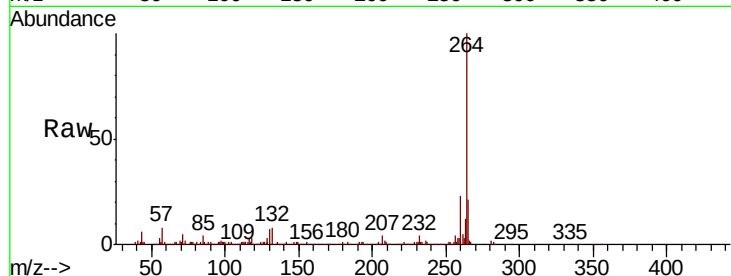


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.03 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 273070

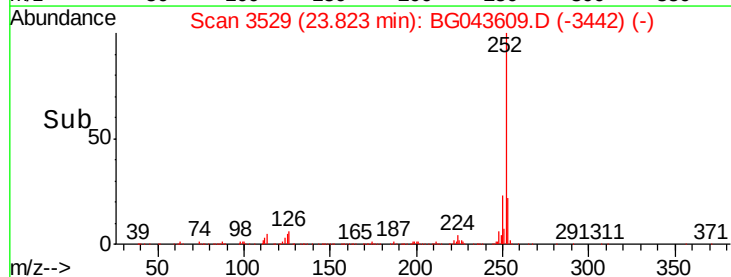
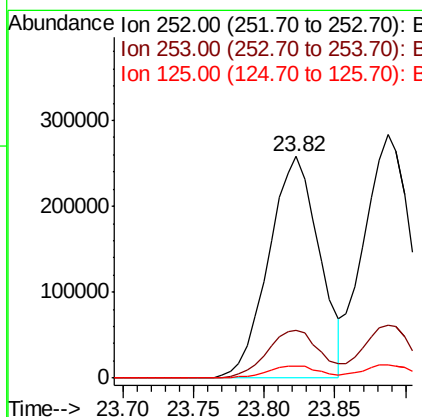
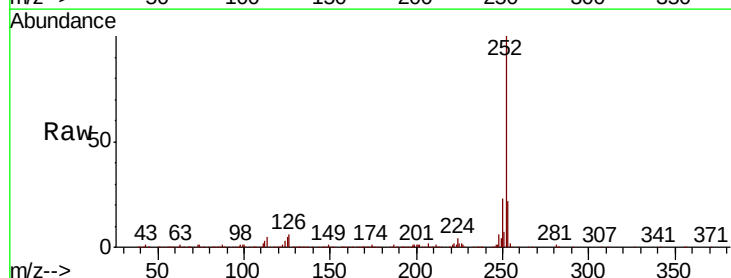
Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.5	17.4	26.0

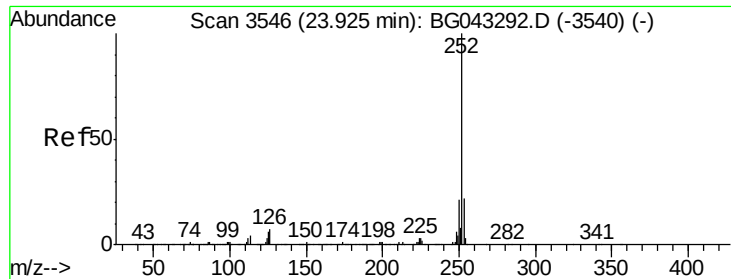


#88
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:252 Resp: 646147

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.4	4.5	6.7

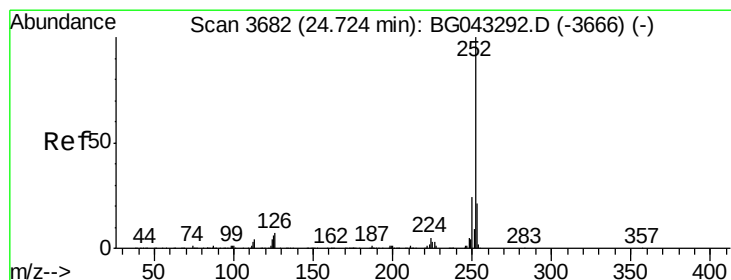
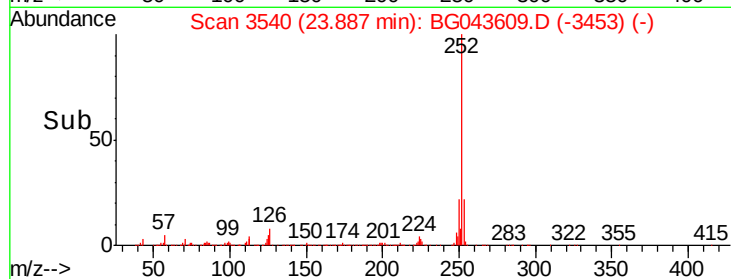
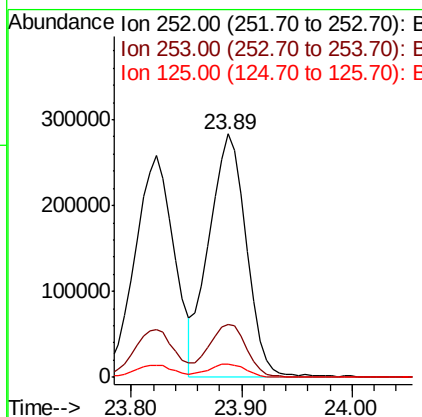
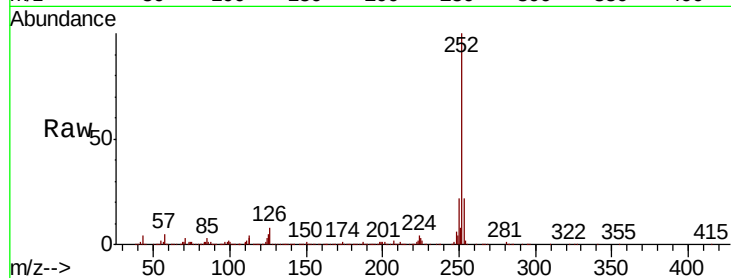




#89
Benzo(k)fluoranthene
Concen: 42.405 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

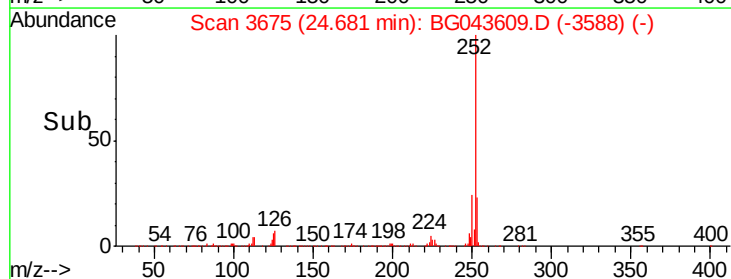
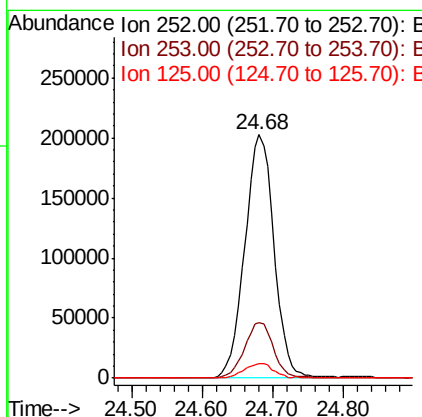
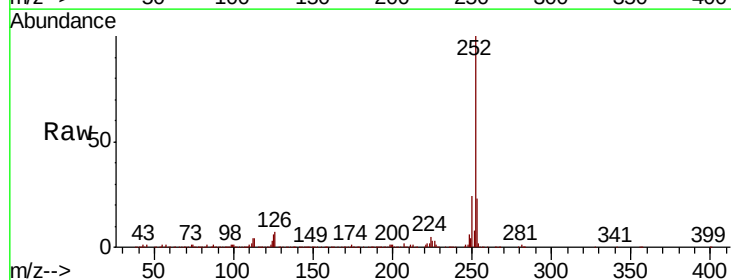
Instrument :
BNA_G
ClientSampleId :

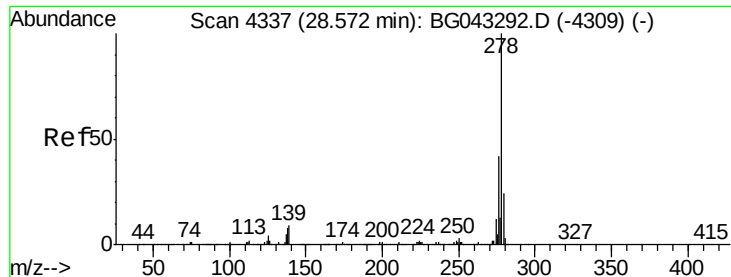
Tot Ion:252 Resp: 660227
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 39.729 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043609.D
Acq: 12 Nov 2019 8:41

Tgt Ion:252 Resp: 586754
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.0 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 44.343 ng

RT: 28.52 min Scan# 4329

Delta R.T. -0.03 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

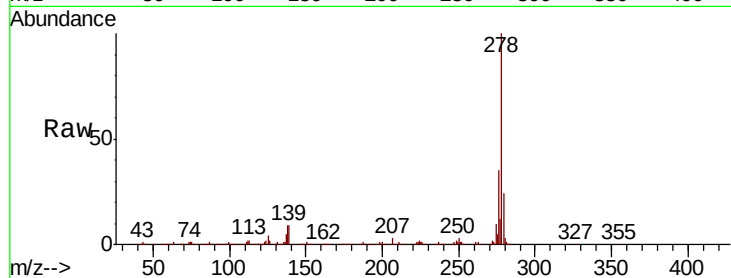
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 669857

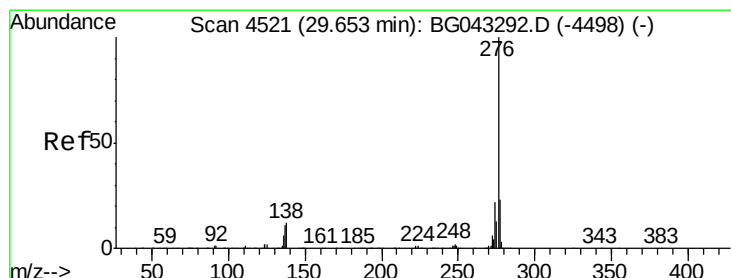
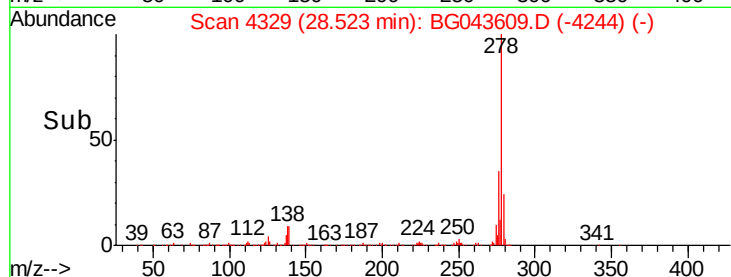
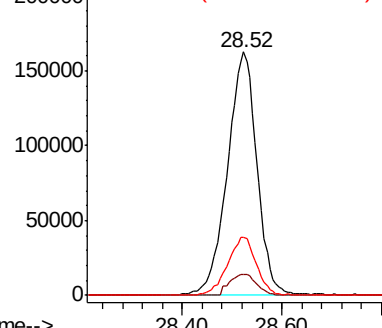
Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.0	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.518 ng

RT: 29.61 min Scan# 4514

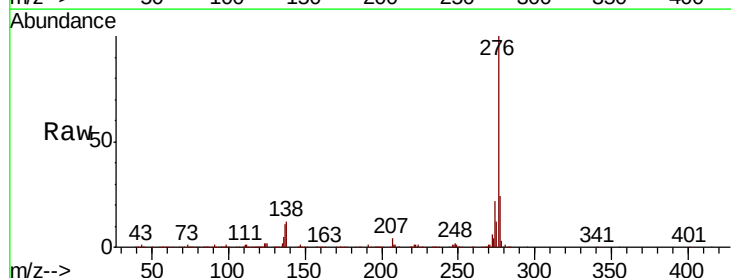
Delta R.T. -0.02 min

Lab File: BG043609.D

Acq: 12 Nov 2019 8:41

Tgt Ion:276 Resp: 663350

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	12.2	8.9	13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

