

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043736.D
 Acq On : 20 Nov 2019 20:26
 Operator : JU
 Sample : K5916-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:36:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31586	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	126300	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	93980	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	219980	20.00	ng	0.00
76) Chrysene-d12	21.63	240	210747	20.00	ng	0.00
87) Perylene-d12	24.81	264	244649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	268002	155.48	ng	0.00
7) Phenol-d6	7.19	99	377550	152.24	ng	0.00
23) Nitrobenzene-d5	9.15	82	230282	94.00	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	236904	132.46	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	636299	93.56	ng	0.00
79) Terphenyl-d14	19.98	244	1116832	99.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	24604	36.629	ng	# 35
3) Pyridine	3.88	79	48303	28.507	ng	99
4) n-Nitrosodimethylamine	3.78	42	47343	55.370	ng	96
6) Aniline	7.33	93	22143	7.751	ng	94
8) 2-Chlorophenol	7.57	128	102060	53.638	ng	97
9) Benzaldehyde	7.13	77	32762	26.881	ng	96
10) Phenol	7.21	94	125790	55.507	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	81377	46.445	ng	96
12) 1,3-Dichlorobenzene	7.88	146	103298	43.329	ng	97
13) 1,4-Dichlorobenzene	8.02	146	108128	44.828	ng	99
14) 1,2-Dichlorobenzene	8.34	146	104580	44.406	ng	95
15) Benzyl Alcohol	8.24	79	88100	50.582	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	117753	46.219	ng	99
17) 2-Methylphenol	8.46	107	86806	52.544	ng	97
18) Hexachloroethane	9.07	117	36493	41.935	ng	93
19) n-Nitroso-di-n-propylamine	8.79	70	79502	49.610	ng	98
20) 3+4-Methylphenols	8.79	107	120421	53.157	ng	98
22) Acetophenone	8.81	105	153708	47.523	ng	96
24) Nitrobenzene	9.19	77	117772	50.465	ng	97
25) Isophorone	9.72	82	224975	50.229	ng	99
26) 2-Nitrophenol	9.91	139	61050	54.185	ng	96
27) 2,4-Dimethylphenol	9.98	122	98463	60.973	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	119518	48.348	ng	97
29) 2,4-Dichlorophenol	10.47	162	110401	53.358	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	120081	46.047	ng	98
31) Naphthalene	10.85	128	314986	49.133	ng	98
32) Benzoic acid	10.19	122	53905	44.525	ng	96
34) Hexachlorobutadiene	11.13	225	83627	43.381	ng	100
35) Caprolactam	11.74	113	22718	31.881	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	124525	55.175	ng	93
37) 2-Methylnaphthalene	12.45	142	240605	48.913	ng	98
38) 1-Methylnaphthalene	12.67	142	230299	49.206	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	153360	44.093	ng	98
41) Hexachlorocyclopentadiene	12.80	237	172221	94.262	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	103785	50.670	nq	91
44) 2,4,5-Trichlorophenol	13.16	196	112411	54.285	nq	98
46) 1,1'-Biphenyl	13.45	154	330655	46.249	nq	99
47) 2-Chloronaphthalene	13.50	162	257097	47.262	nq	96
48) 2-Nitroaniline	13.71	65	76593	47.109	nq	96
49) Acenaphthylene	14.34	152	427750	50.524	nq	99
50) Dimethylphthalate	14.08	163	361810	49.703	nq	99
51) 2,6-Dinitrotoluene	14.20	165	80842	51.119	nq	98
52) Acenaphthene	14.69	154	255019	49.393	nq	98
53) 3-Nitroaniline	14.54	138	15404	10.089	nq	# 97
54) 2,4-Dinitrophenol	14.75	184	97505	97.031	nq	88
55) Dibenzofuran	15.02	168	414159	49.465	nq	98
56) 4-Nitrophenol	14.88	139	99579	97.322	nq	86
57) 2,4-Dinitrotoluene	14.99	165	114091	50.482	nq	99
58) Fluorene	15.67	166	345988	49.270	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	113485	51.582	nq	98
60) Diethylphthalate	15.43	149	351772	48.094	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	202369	49.399	nq	99
62) 4-Nitroaniline	15.71	138	63188	40.072	nq	96
63) Azobenzene	15.95	77	296876	50.152	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	75030	57.957	nq	95
66) n-Nitrosodiphenylamine	15.87	169	312402	50.301	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	142828	48.246	nq	96
68) Hexachlorobenzene	16.68	284	157342	46.301	nq	95
69) Atrazine	16.83	200	117166	54.293	nq	99
70) Pentachlorophenol	17.03	266	157737	101.869	nq	98
71) Phenanthrene	17.41	178	543722	48.268	nq	98
72) Anthracene	17.50	178	559310	49.626	nq	100
73) Carbazole	17.78	167	469159	45.968	nq	98
74) Di-n-butylphthalate	18.32	149	557142	44.989	nq	99
75) Fluoranthene	19.42	202	664439	45.244	nq	97
77) Benzidine	19.65	184	23430	5.524	nq	# 92
78) Pyrene	19.78	202	665256	50.997	nq	100
80) Butylbenzylphthalate	20.66	149	241479	48.860	nq	95
81) Benzo(a)anthracene	21.61	228	670478	50.790	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	89362	17.502	nq	99
83) Chrysene	21.68	228	640645	48.844	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	356848	50.829	nq	96
85) Di-n-octyl phthalate	22.70	149	604991	50.794	nq	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	822143	49.935	nq	# 93
88) Benzo(b)fluoranthene	23.80	252	695286	50.179	nq	99
89) Benzo(k)fluoranthene	23.87	252	717562	51.442	nq	99
90) Benzo(a)pyrene	24.66	252	647794	48.958	nq	100
91) Dibenzo(a,h)anthracene	28.49	278	697037	51.503	nq	99
92) Benzo(g,h,i)perylene	29.56	276	688693	51.588	nq	98

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

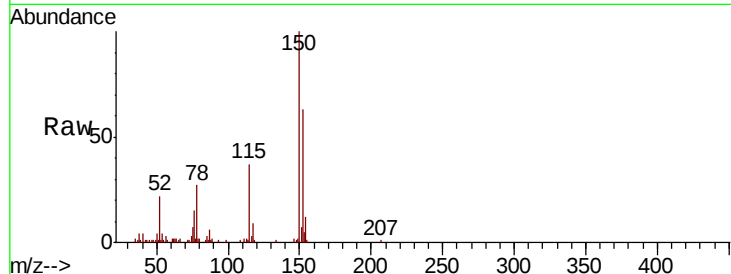


#1

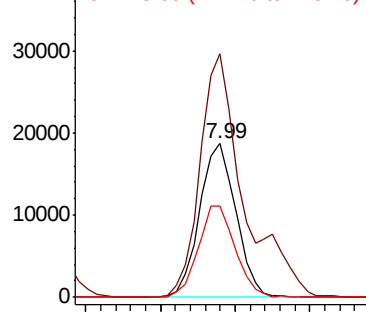
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :

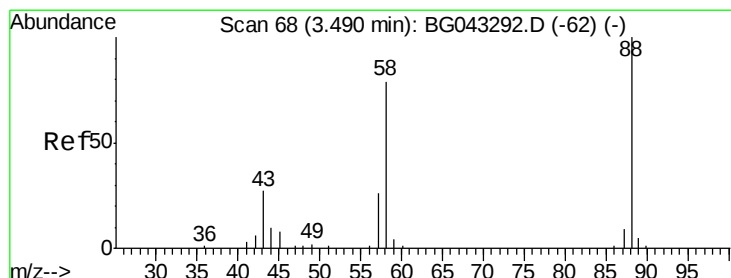
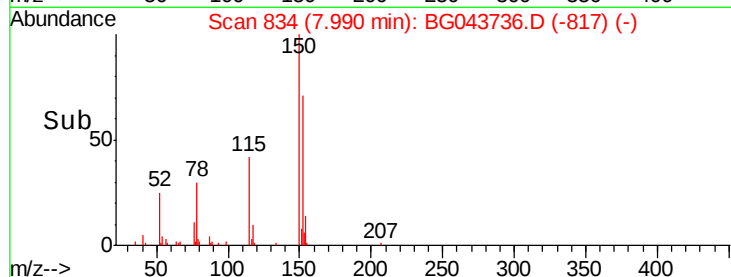
Tot Ion:152 Resp: 31586
Ion Ratio Lower Upper
152 100
150 158.6 116.6 175.0
115 59.4 40.5 60.7



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



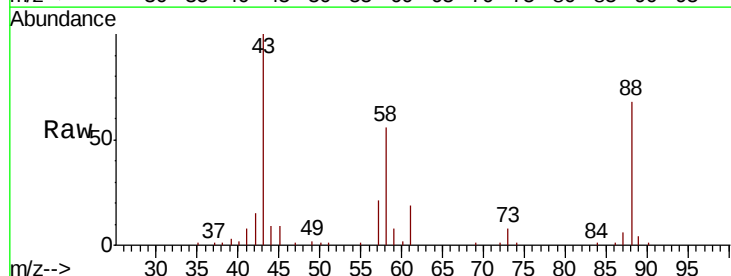
Time-->



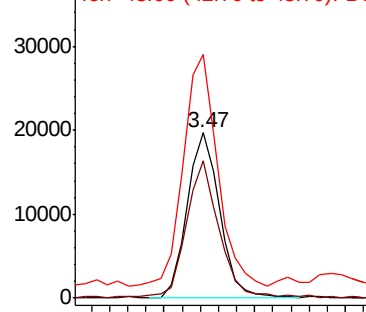
#2

1,4-Dioxane
Concen: 36.629 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

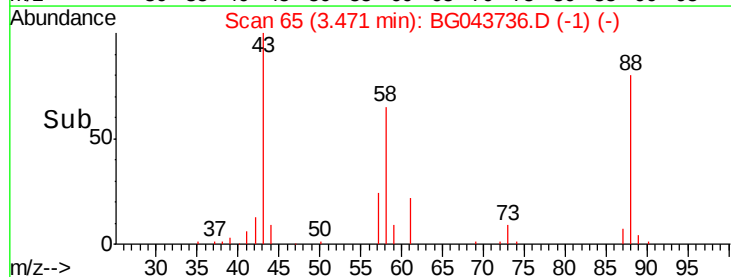
Tgt Ion: 88 Resp: 24604
Ion Ratio Lower Upper
88 100
58 85.7 62.2 93.4
43 145.8 30.1 45.1#



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



Time-->





#3

Pvridine

Concen: 28.507 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.02 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

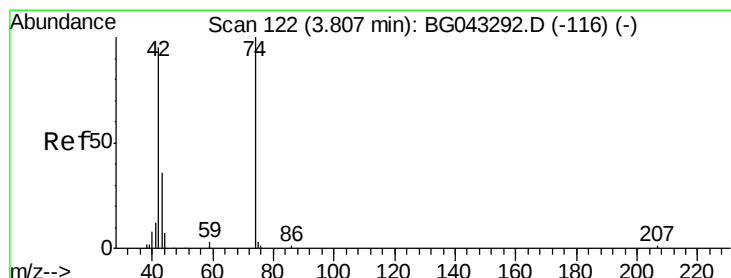
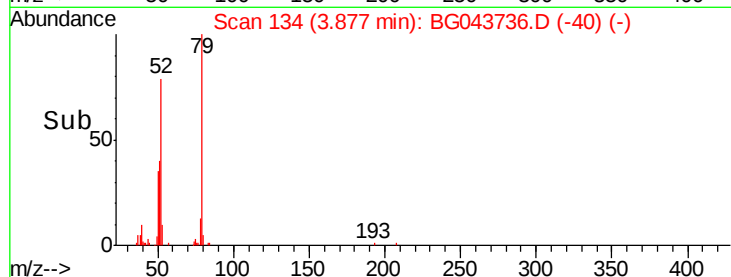
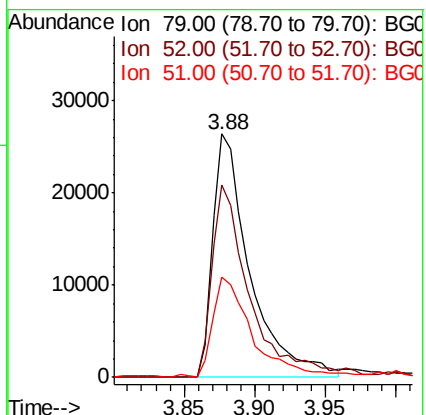
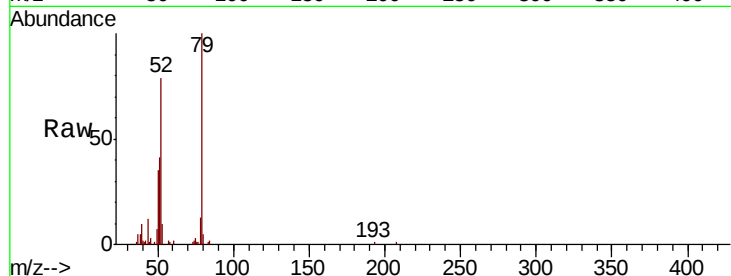
Tot Ion: 79 Resp: 48303

Ion Ratio Lower Upper

79 100

52 79.1 63.2 94.8

51 41.0 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 55.370 ng

RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

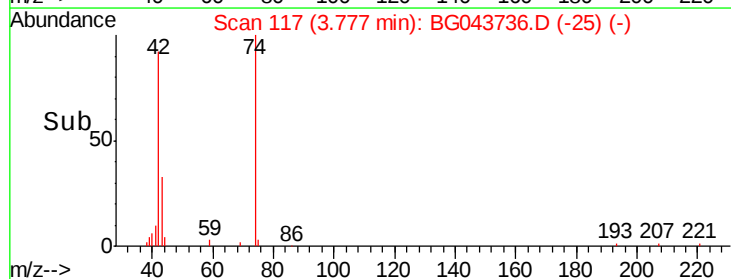
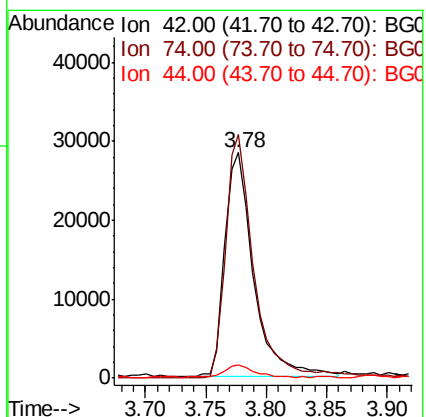
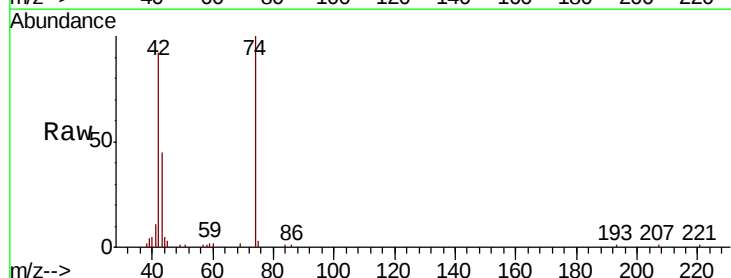
Tgt Ion: 42 Resp: 47343

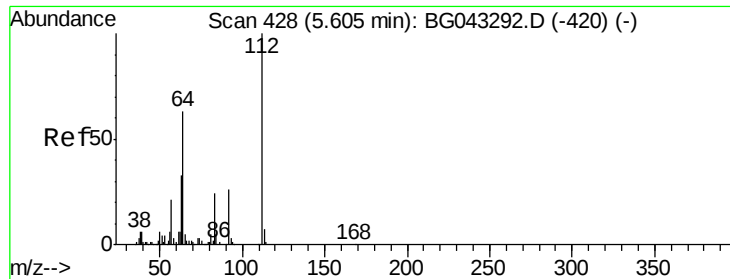
Ion Ratio Lower Upper

42 100

74 108.1 83.0 124.6

44 5.9 4.4 6.6





#5

2-Fluorophenol

Concen: 155.480 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

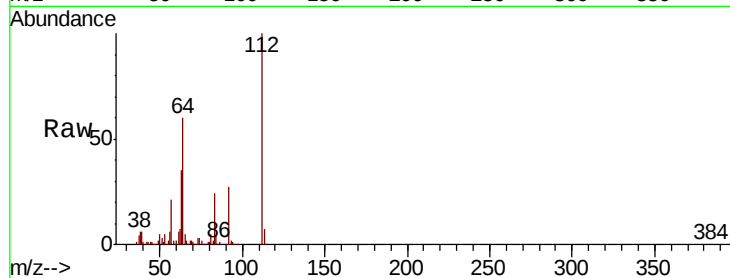
Tot Ion:112 Resp: 268002

Ion Ratio Lower Upper

112 100

64 60.4 50.6 75.8

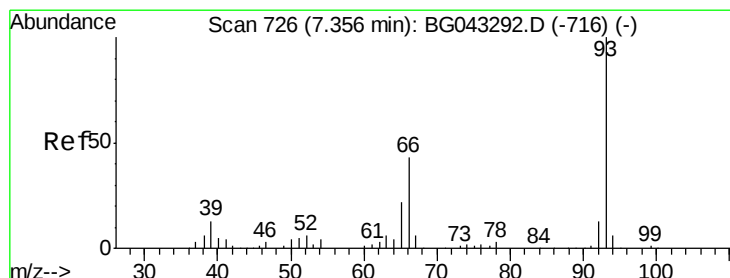
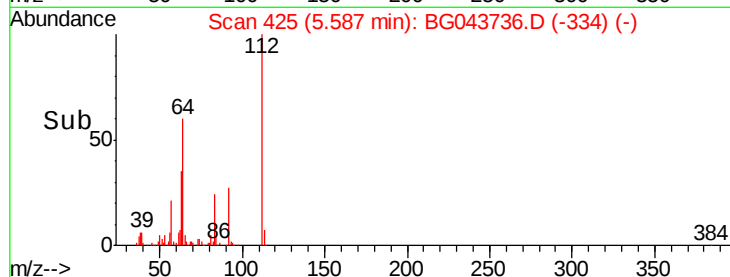
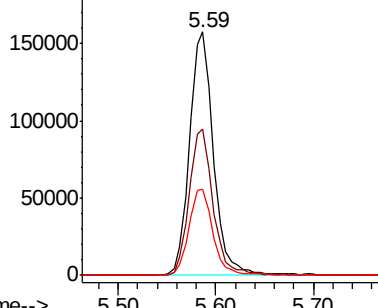
63 35.4 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.751 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

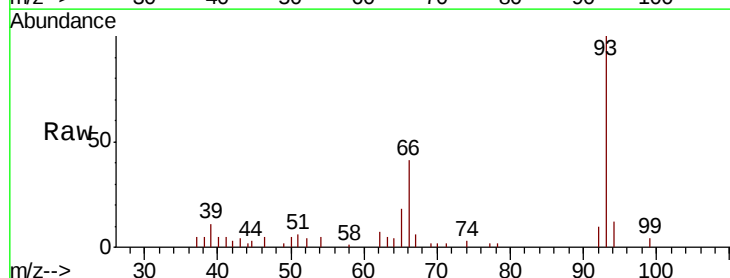
Tgt Ion: 93 Resp: 22143

Ion Ratio Lower Upper

93 100

66 40.9 35.4 53.2

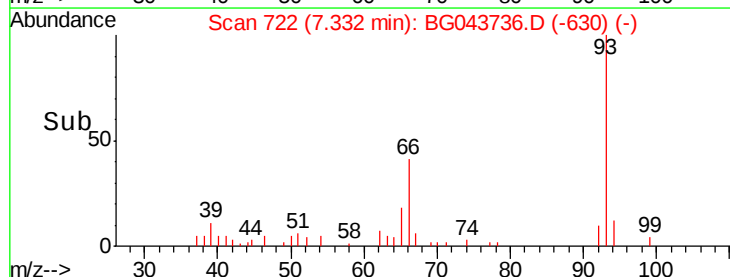
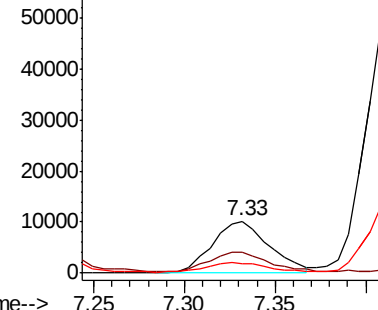
65 18.5 17.1 25.7



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: 152.238 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

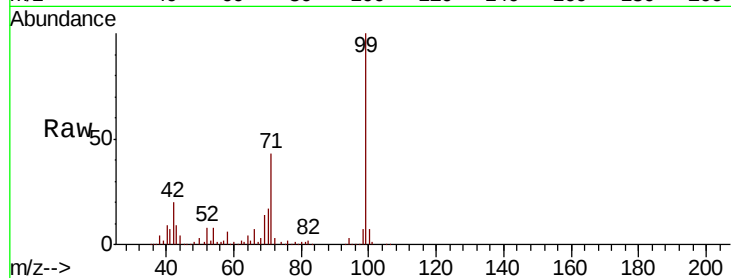
Tot Ion: 99 Resp: 377550

Ion Ratio Lower Upper

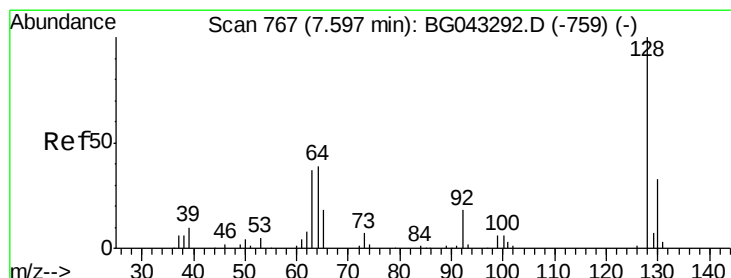
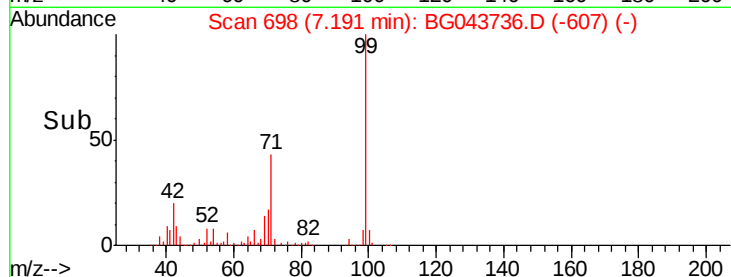
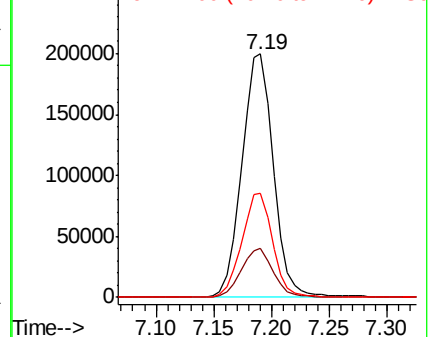
99 100

42 20.1 15.8 23.8

71 42.7 34.4 51.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.638 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

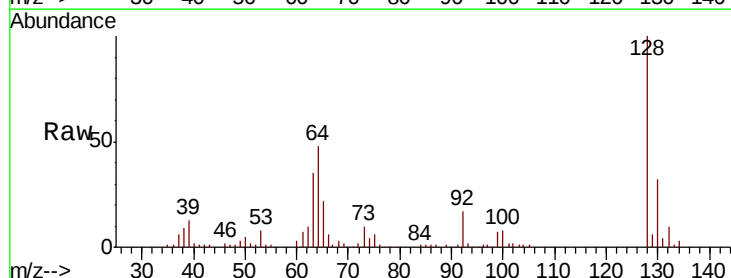
Tgt Ion: 128 Resp: 102060

Ion Ratio Lower Upper

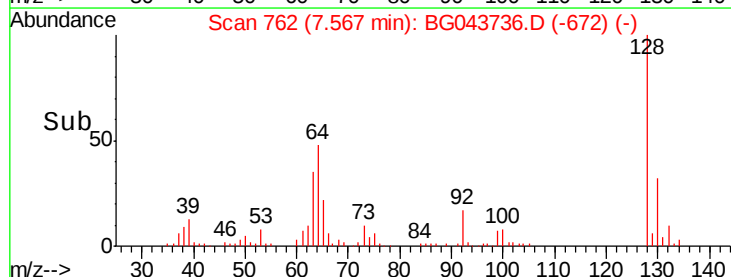
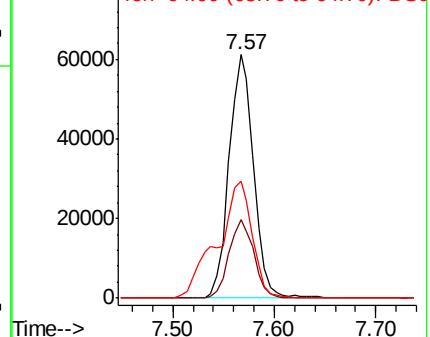
128 100

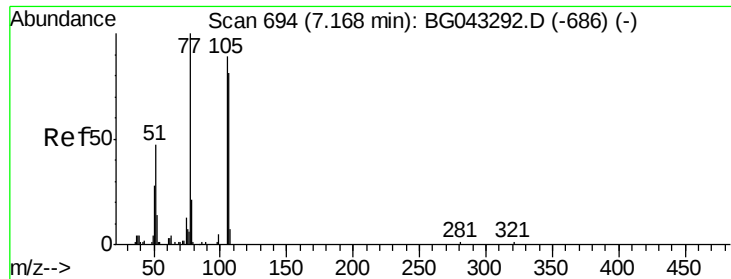
130 32.0 14.5 54.5

64 48.1 29.2 69.2



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





#9

Benzaldehyde

Concen: 26.881 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

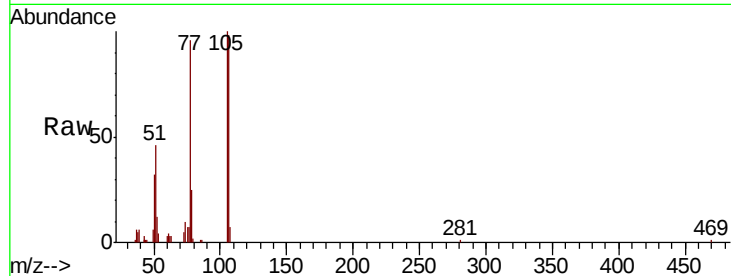
Tot Ion: 77 Resp: 32762

Ion Ratio Lower Upper

77 100

105 103.7 84.9 124.9

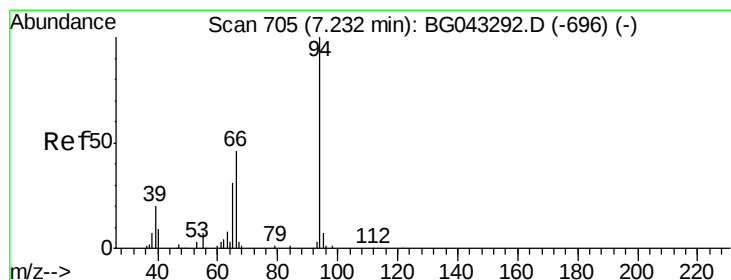
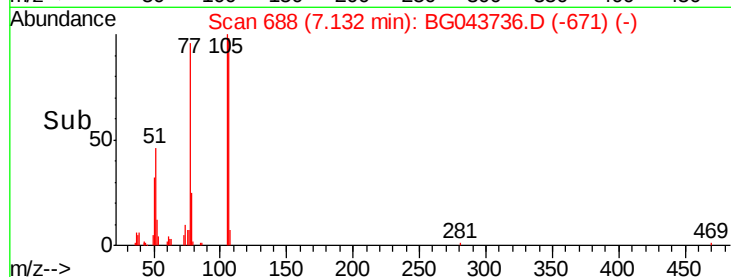
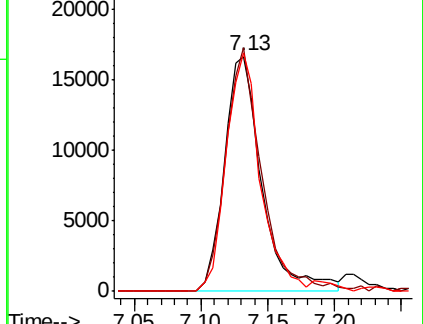
106 101.4 75.1 115.1



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: 55.507 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

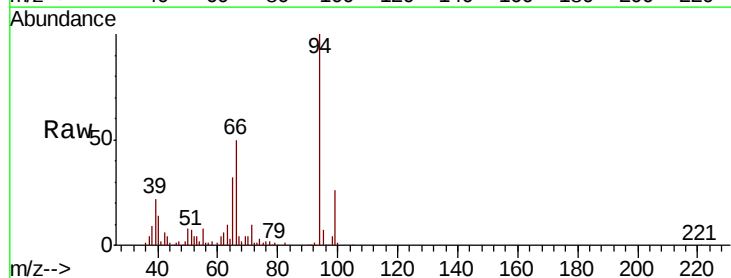
Tgt Ion: 94 Resp: 125790

Ion Ratio Lower Upper

94 100

65 32.4 11.4 51.4

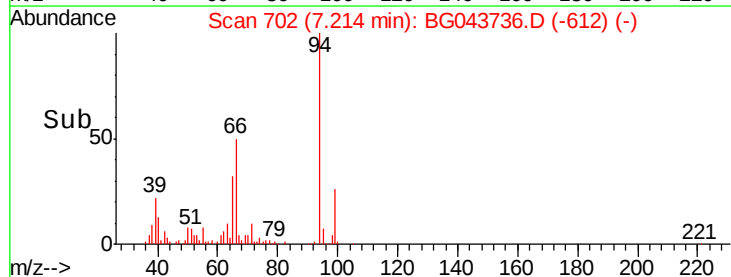
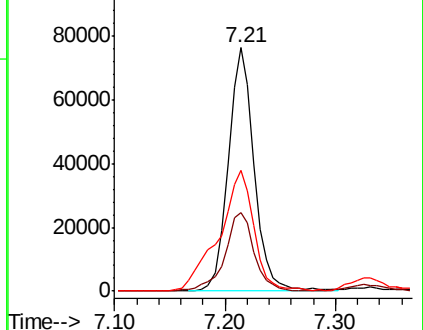
66 49.8 28.4 68.4



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

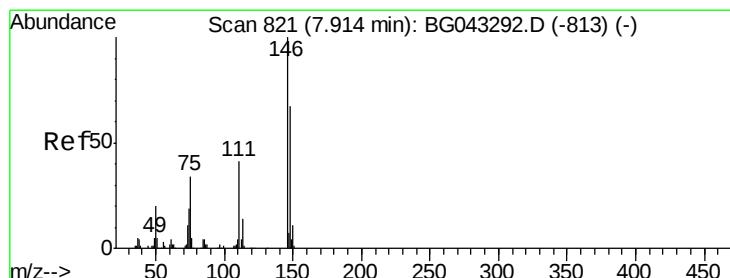
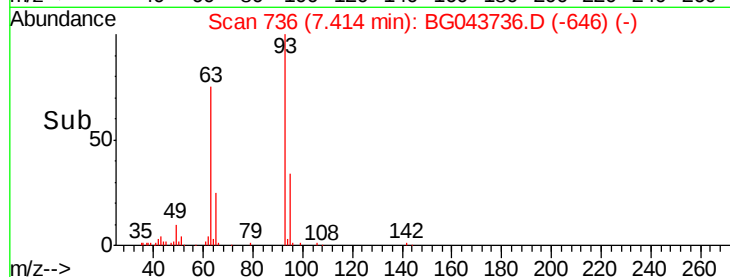
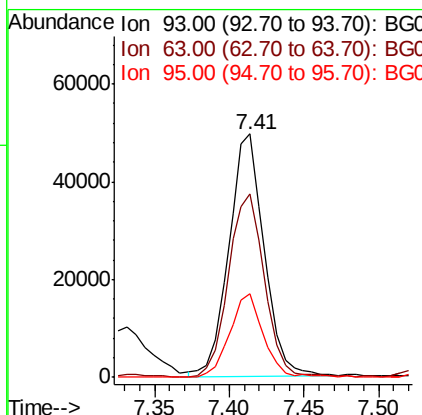
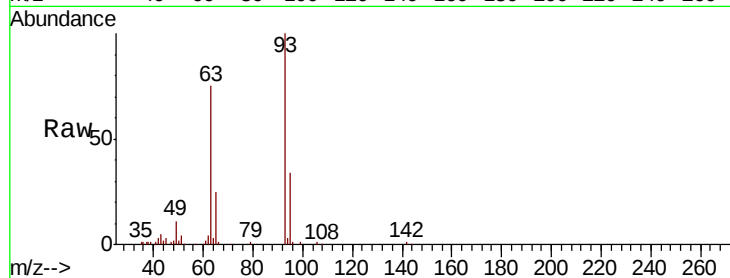




#11
 bis(2-Chloroethyl)ether
 Concen: 46.445 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

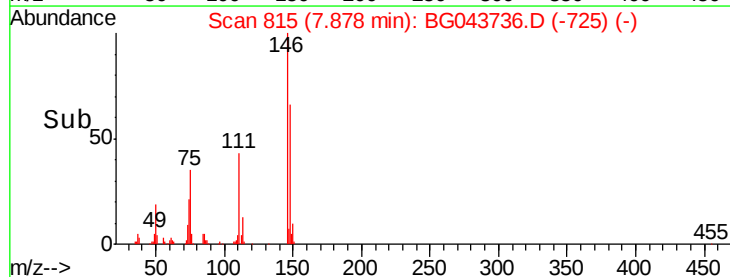
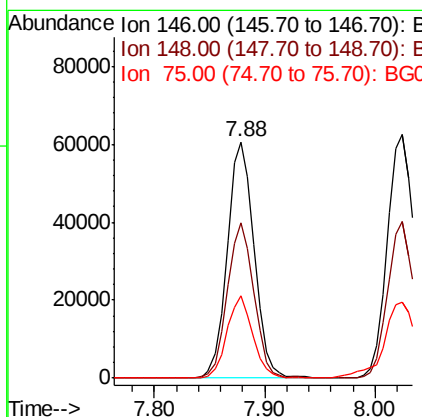
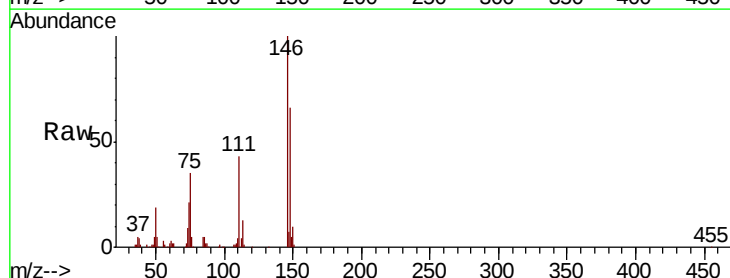
Instrument :
 BNA_G
 ClientSampleId :

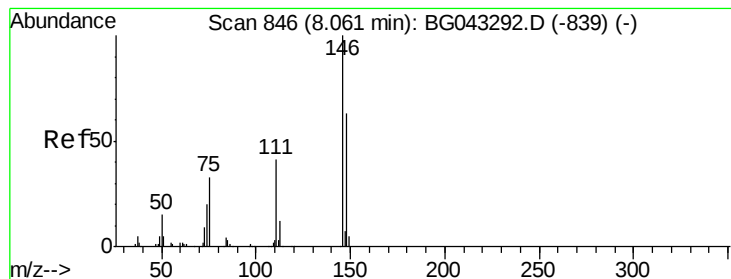
Tot Ion	93	Resp	81377
Ion Ratio	Lower	Upper	
93	100		
63	75.4	54.9	94.9
95	34.2	7.2	47.2



#12
 1,3-Dichlorobenzene
 Concen: 43.329 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	146	Resp	103298
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.4	77.2
75	34.9	26.2	39.2





#13

1,4-Dichlorobenzene

Concen: 44.828 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

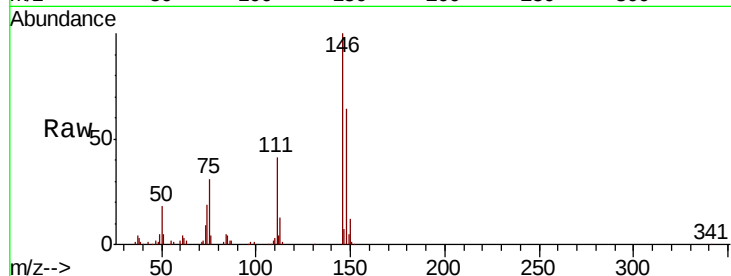
Tot Ion:146 Resp: 108128

Ion Ratio Lower Upper

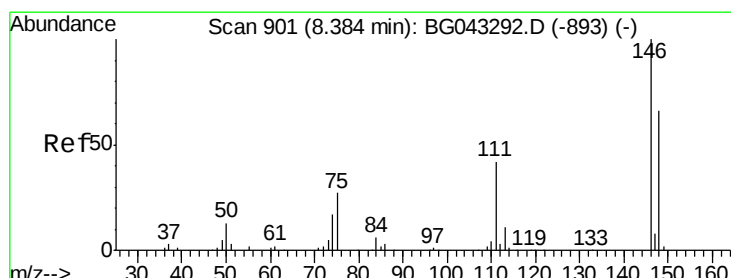
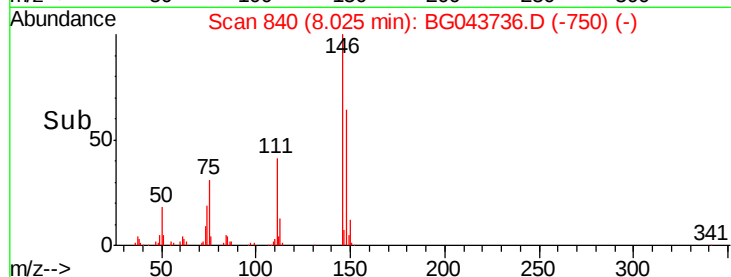
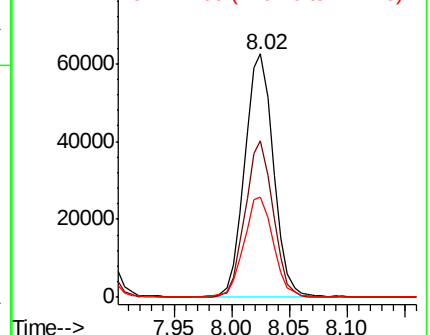
146 100

148 64.2 51.0 76.6

111 41.2 34.3 51.5



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: 44.406 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

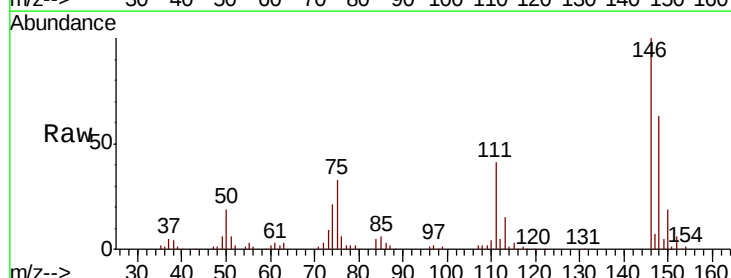
Tgt Ion:146 Resp: 104580

Ion Ratio Lower Upper

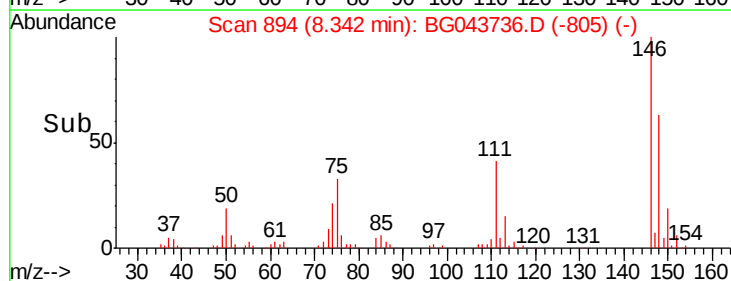
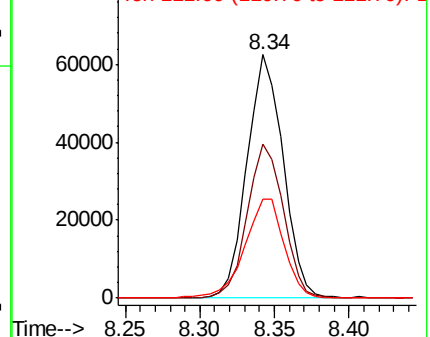
146 100

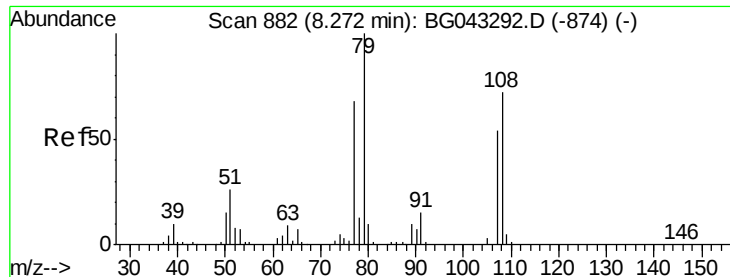
148 63.2 53.4 80.2

111 40.9 35.3 52.9



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: 50.582 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

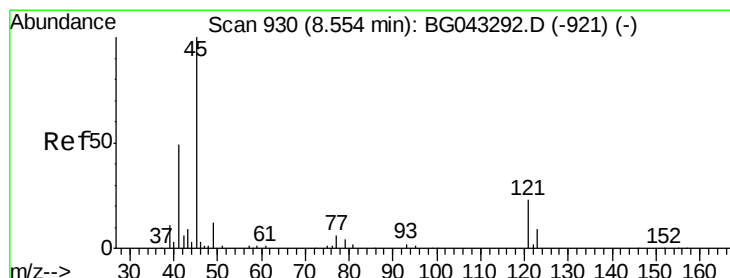
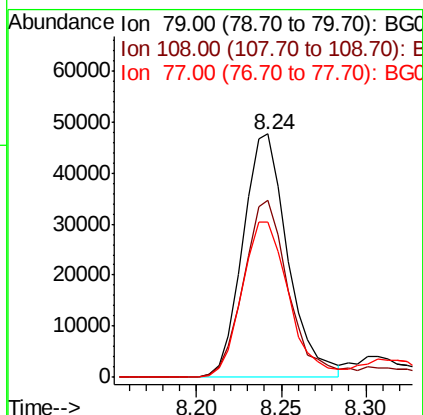
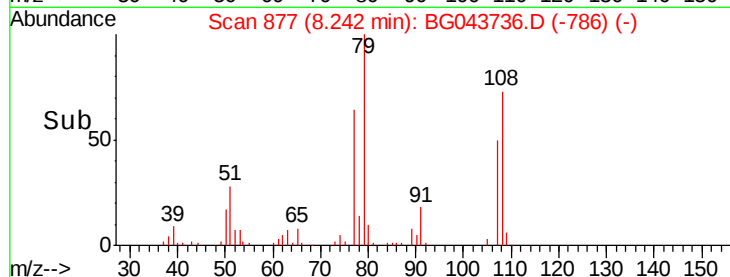
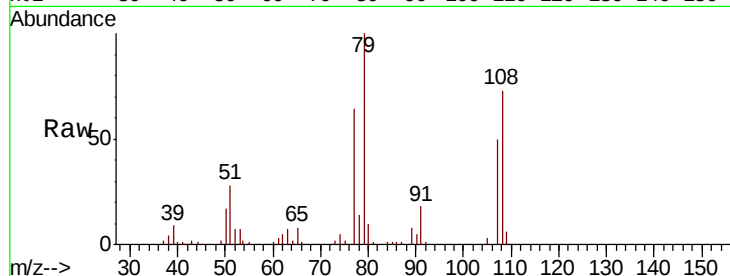
Tot Ion: 79 Resp: 88100

Ion Ratio Lower Upper

79 100

108 72.6 56.0 84.0

77 63.6 47.9 71.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.219 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

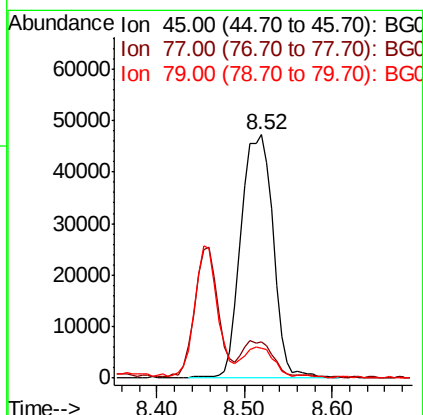
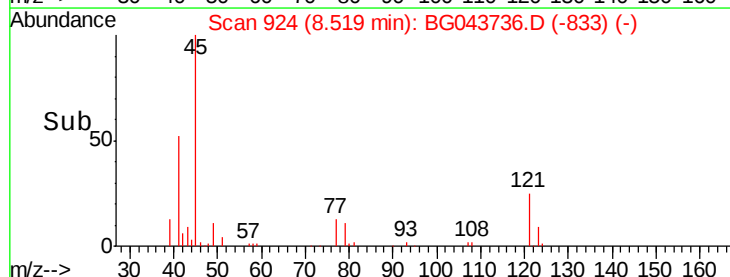
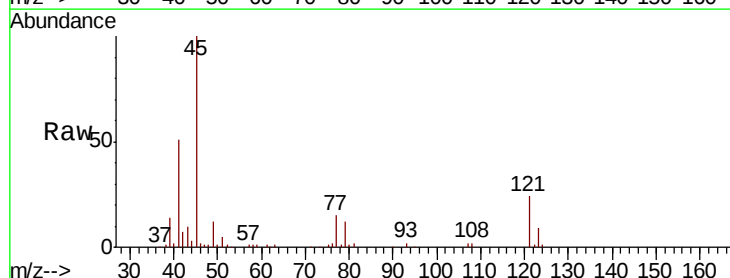
Tgt Ion: 45 Resp: 117753

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.2

79 12.5 0.0 32.4





#17

2-Methylphenol

Concen: 52.544 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 86806

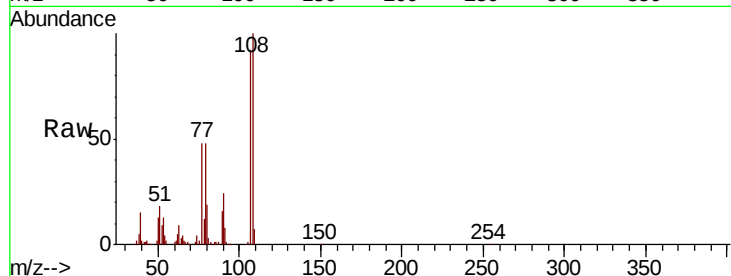
Ion Ratio Lower Upper

107 100

108 108.4 84.7 127.1

77 52.1 46.2 69.4

79 51.9 41.0 61.6

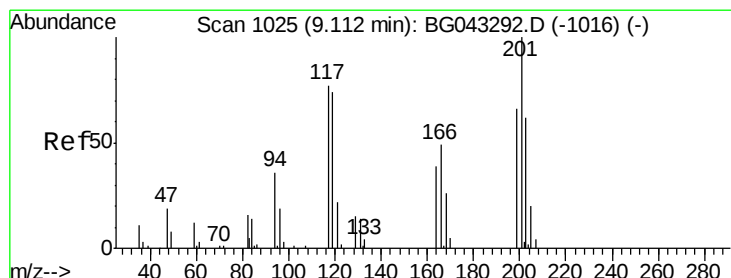
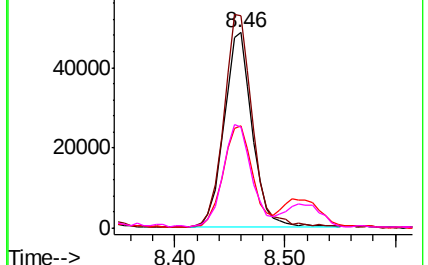
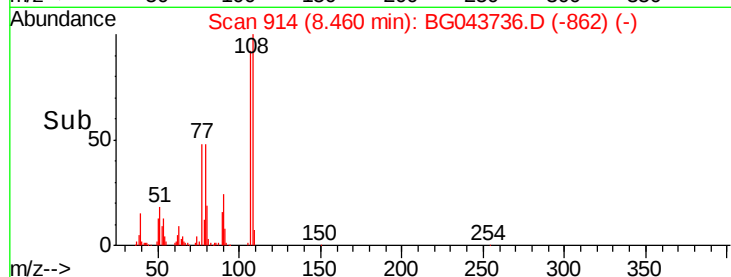


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.935 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

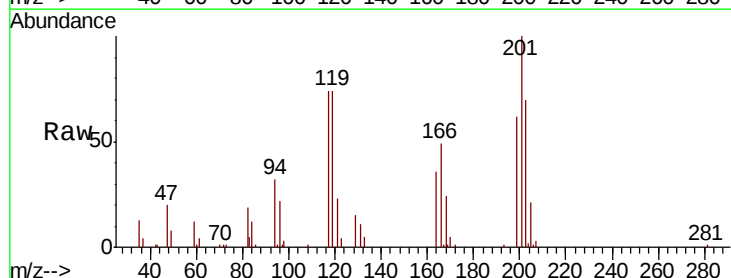
Tgt Ion:117 Resp: 36493

Ion Ratio Lower Upper

117 100

119 99.8 81.7 122.5

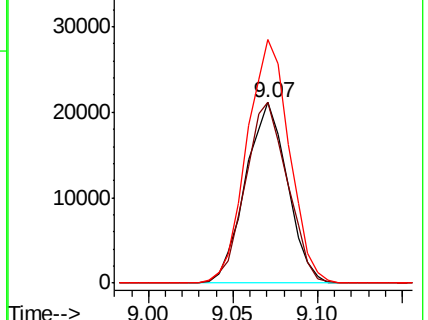
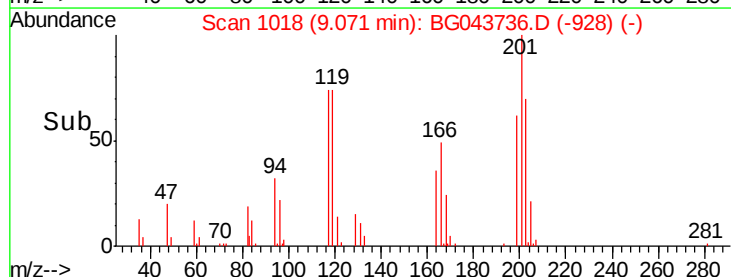
201 134.7 98.6 147.8

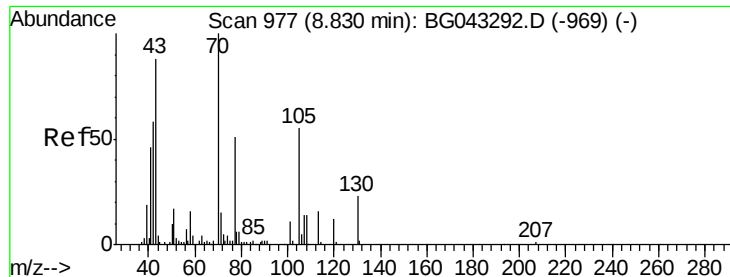


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

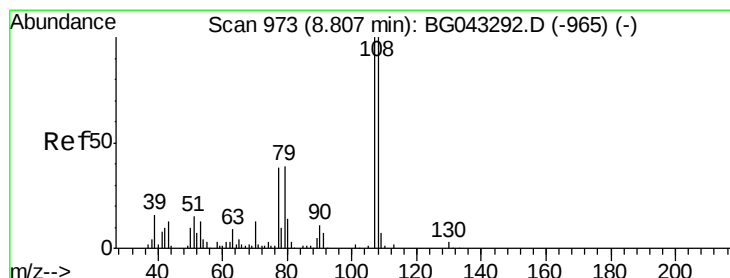
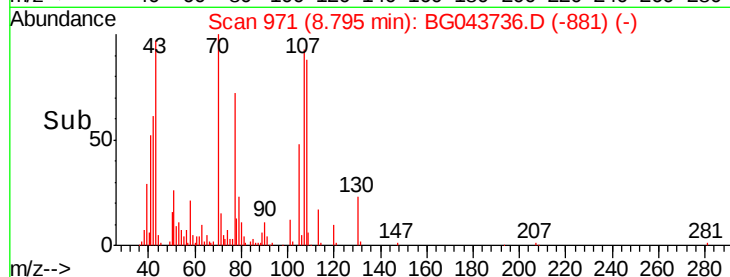
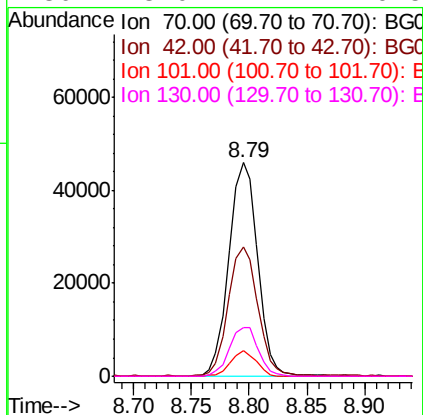
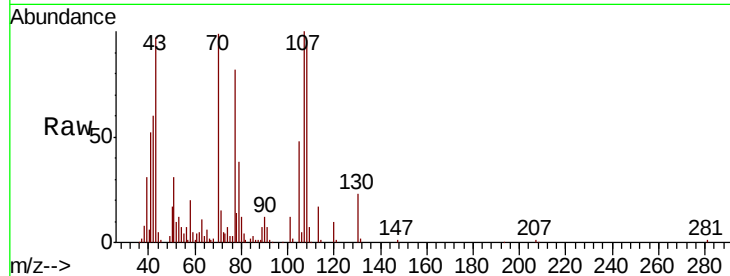




#19
n-Nitroso-di-n-propylamine
Concen: 49.610 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

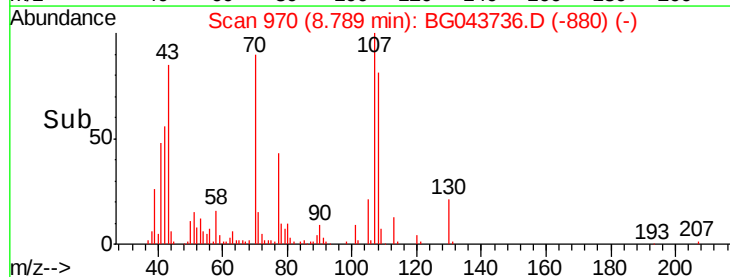
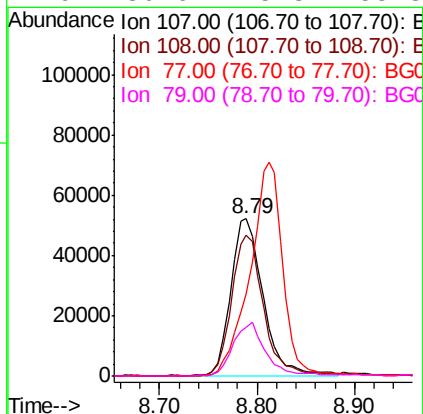
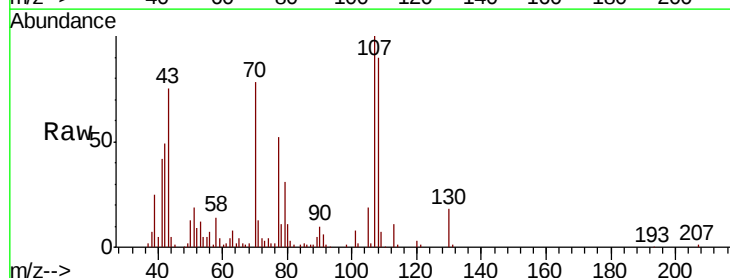
Instrument :
BNA_G
ClientSampleId :

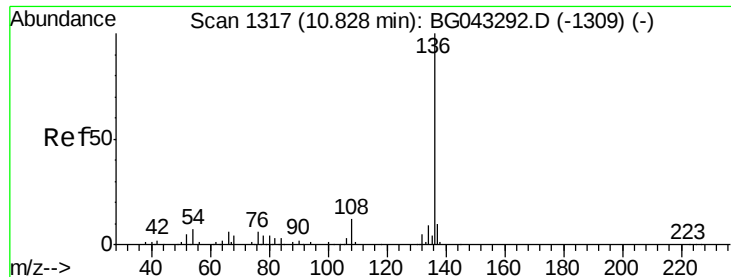
Tot Ion: 70 Resp: 79502
Ion Ratio Lower Upper
70 100
42 60.7 49.7 74.5
101 11.9 9.7 14.5
130 23.0 17.7 26.5



#20
3+4-Methylphenols
Concen: 53.157 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion: 107 Resp: 120421
Ion Ratio Lower Upper
107 100
108 89.6 69.5 109.5
77 52.3 32.8 72.8
79 30.6 15.3 55.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 126300

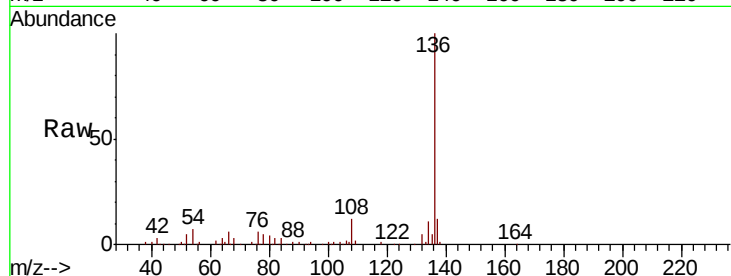
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 7.5 6.2 9.2

68 3.4 3.4 5.0

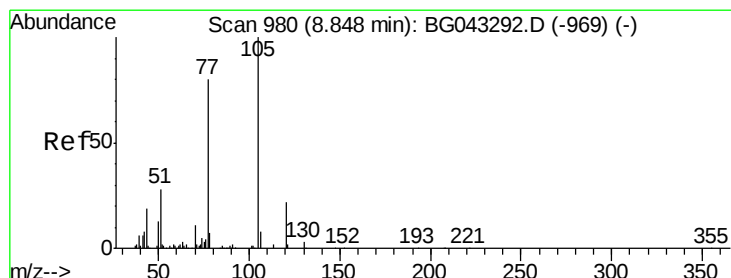
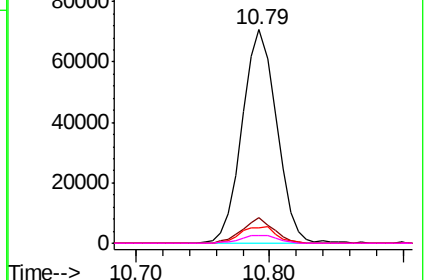
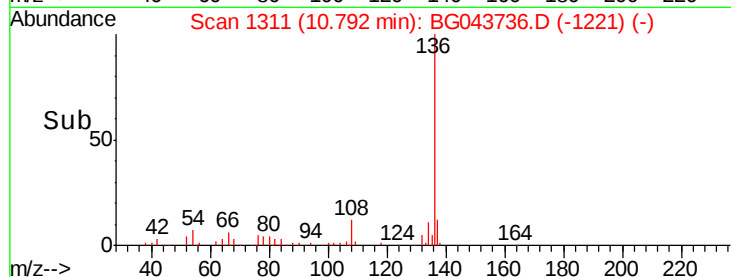


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.523 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:105 Resp: 153708

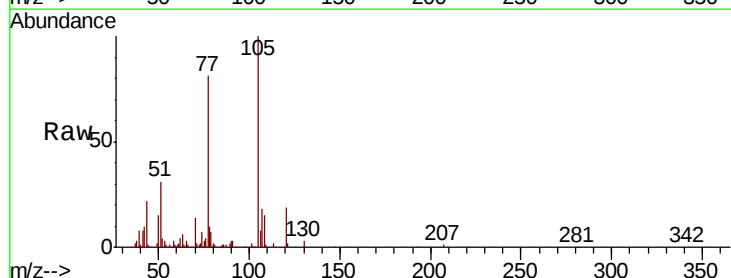
Ion Ratio Lower Upper

105 100

71 1.8 1.5 2.3

51 30.7 25.0 37.6

120 19.5 18.3 27.5

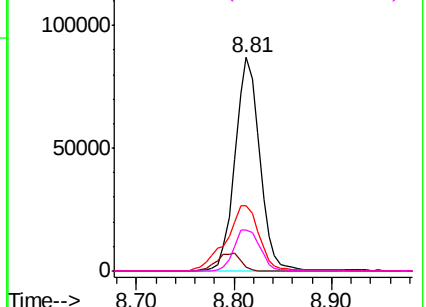
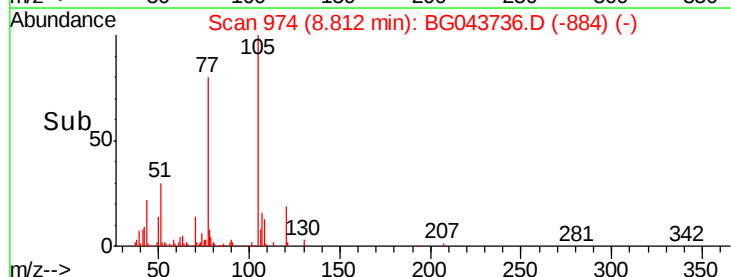


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

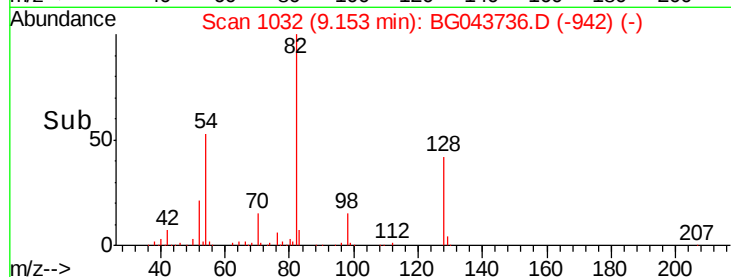
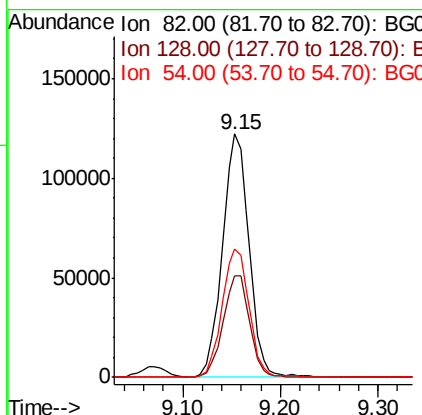
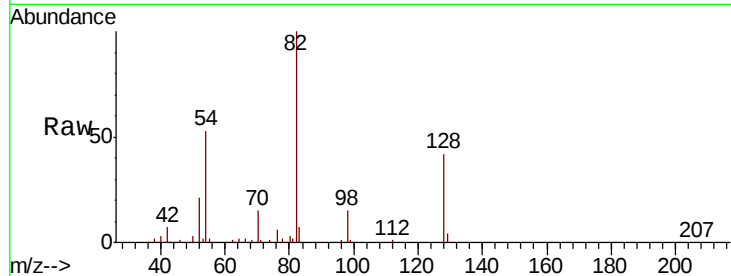




#23
 Nitrobenzene-d5
 Concen: 93.999 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

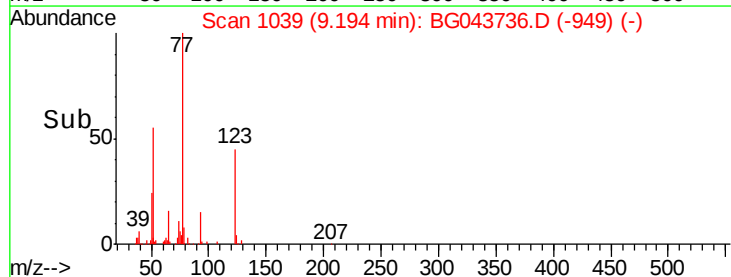
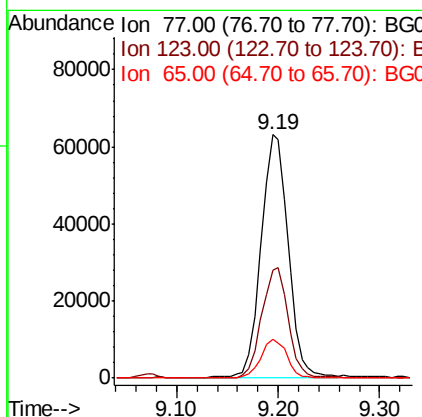
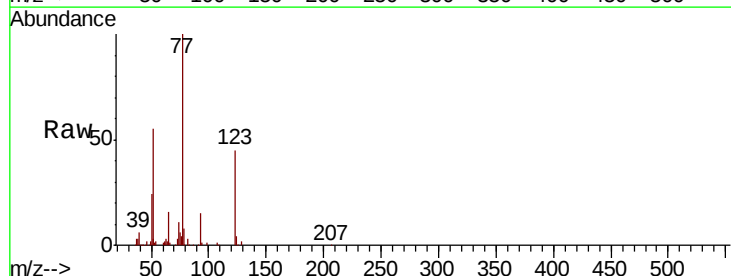
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	230282
Ion Ratio	100	Lower	Upper
128	41.7	34.2	51.4
54	52.9	44.7	67.1



#24
 Nitrobenzene
 Concen: 50.465 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	77	Resp	117772
Ion Ratio	100	Lower	Upper
123	44.6	33.6	50.4
65	15.7	12.9	19.3

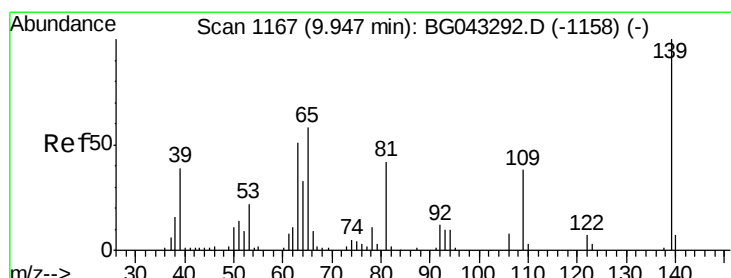
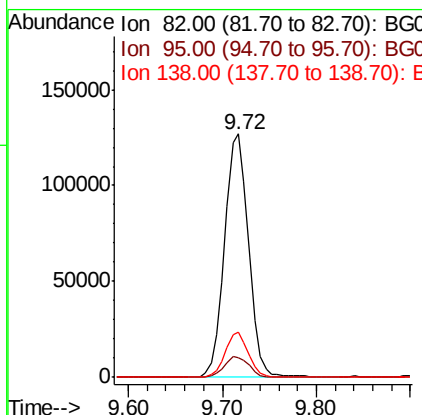
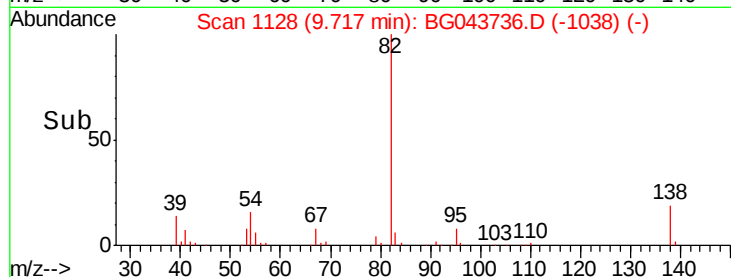
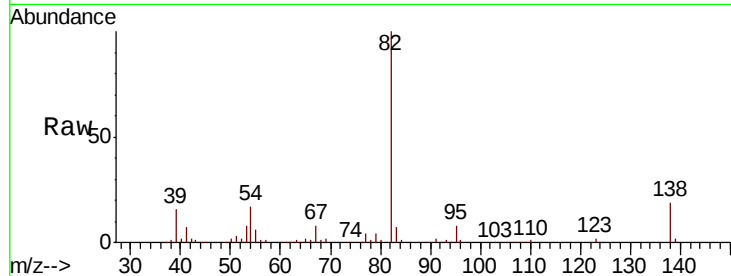




#25
Isophorone
Concen: 50.229 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

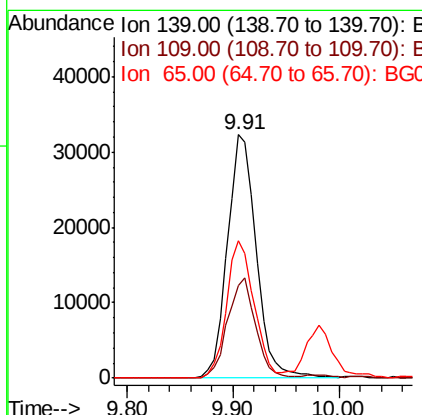
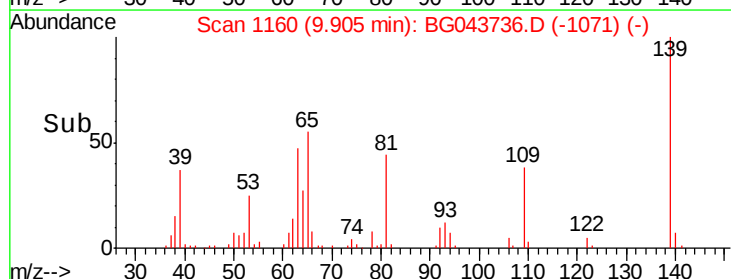
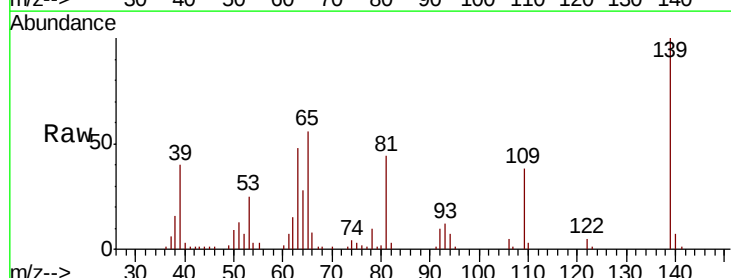
Instrument :
BNA_G
ClientSampleId :

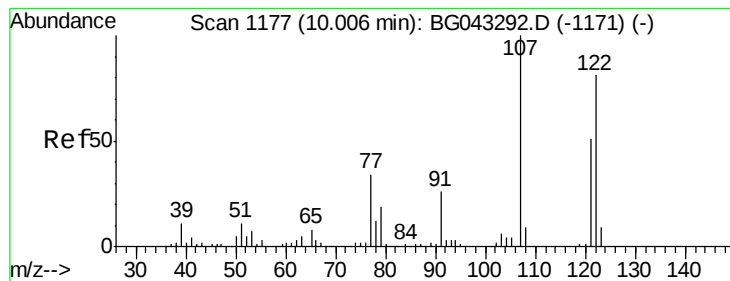
Tot Ion: 82 Resp: 224975
Ion Ratio Lower Upper
82 100
95 8.3 7.4 11.0
138 18.7 15.1 22.7



#26
2-Nitrophenol
Concen: 54.185 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion: 139 Resp: 61050
Ion Ratio Lower Upper
139 100
109 38.1 32.6 48.8
65 56.5 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 60.973 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

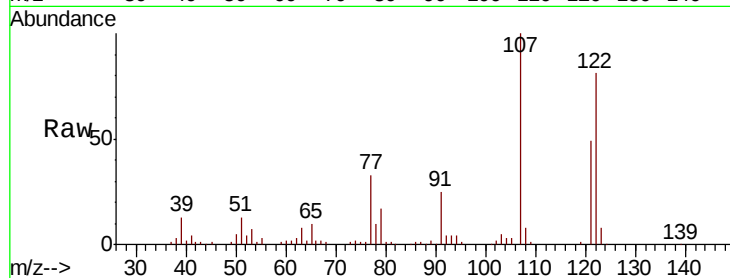
Tot Ion:122 Resp: 98463

Ion Ratio Lower Upper

122 100

107 123.8 100.7 151.1

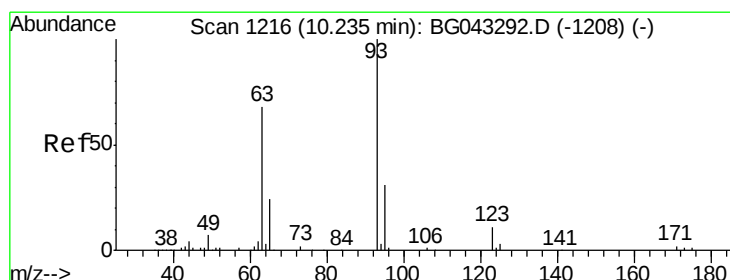
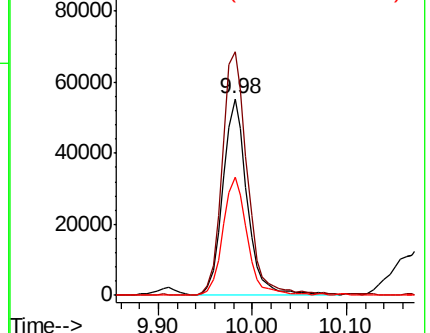
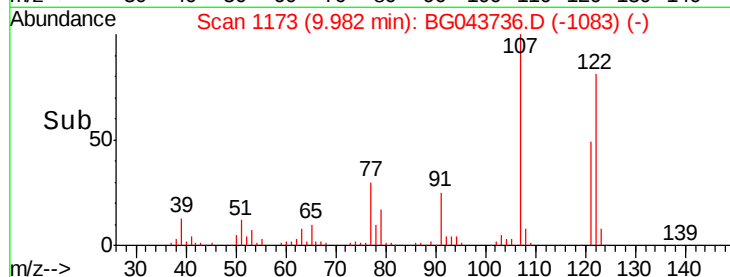
121 60.3 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.348 ng

RT: 10.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

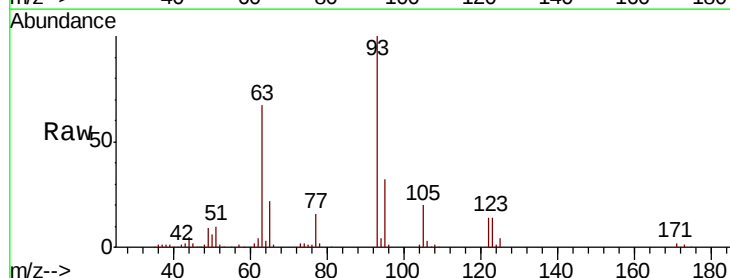
Tgt Ion: 93 Resp: 119518

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

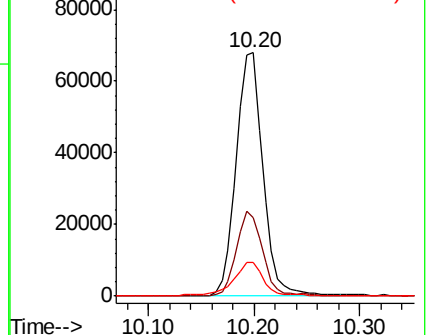
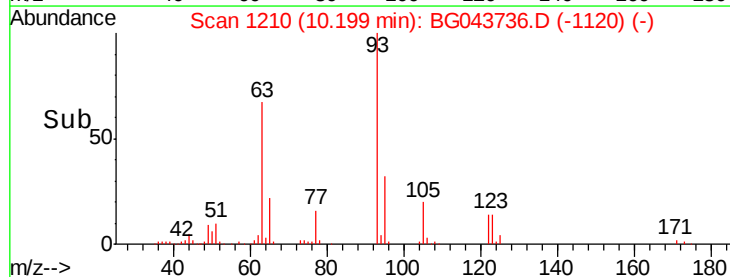
123 13.7 10.7 16.1

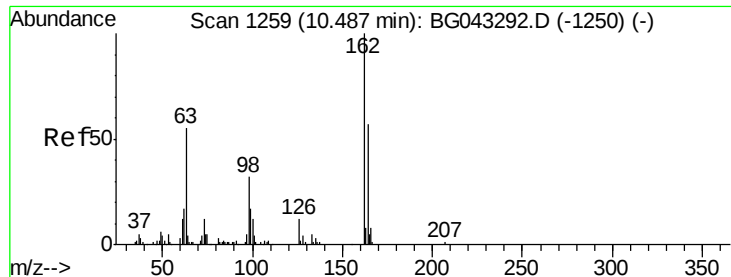


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

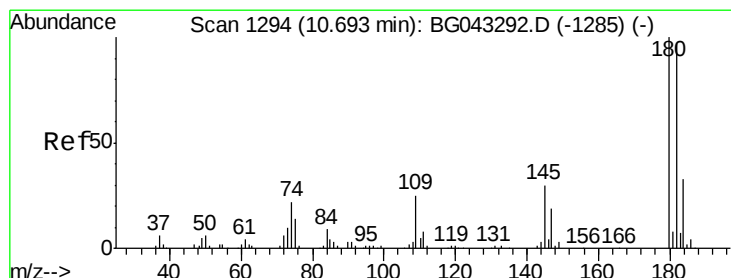
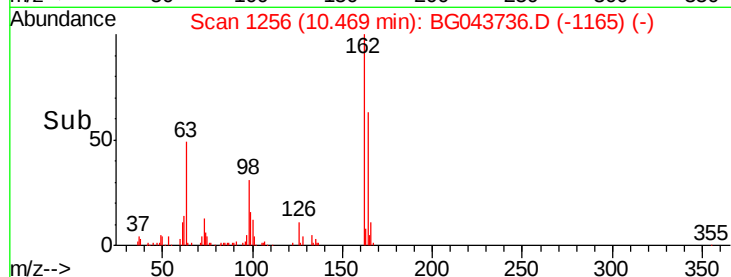
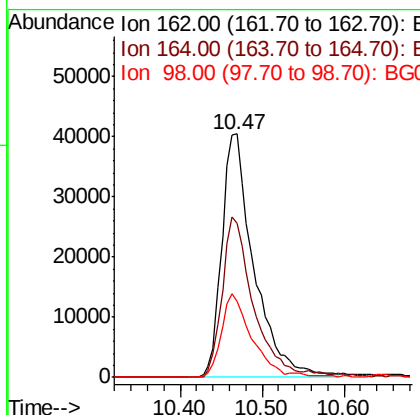
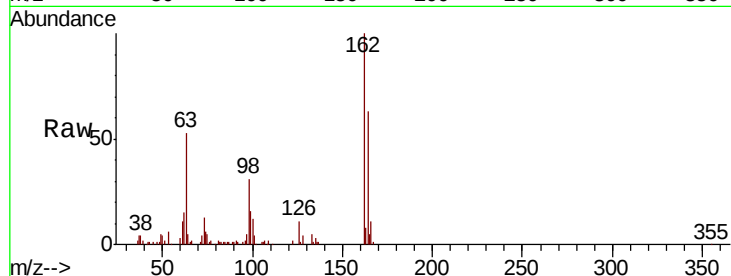




#29
 2,4-Dichlorophenol
 Concen: 53.358 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

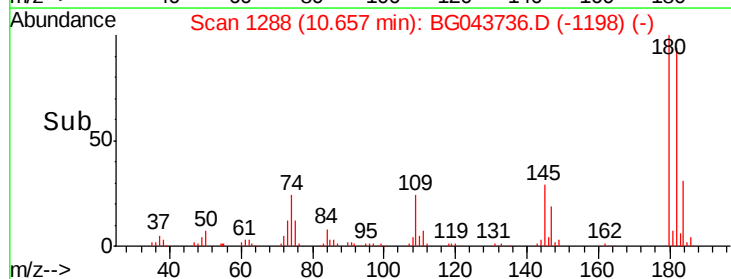
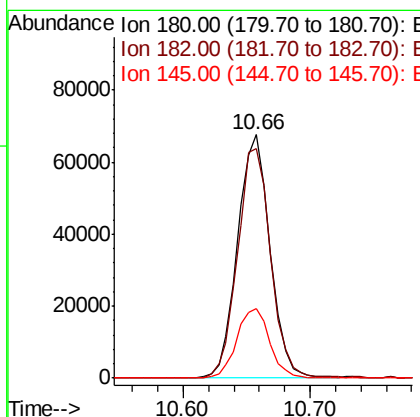
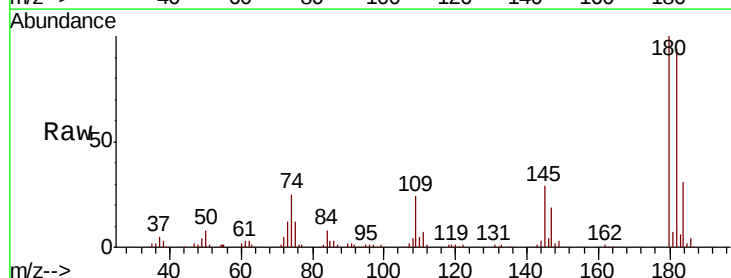
Instrument :
 BNA_G
 ClientSampleId :

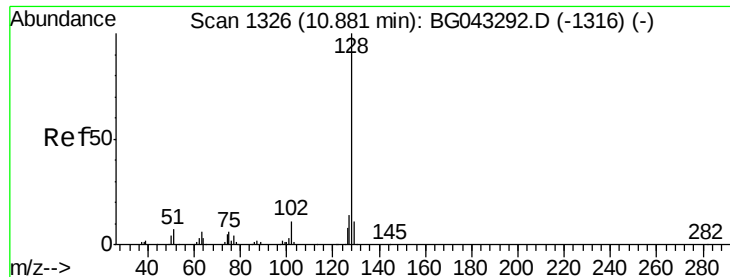
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.4	85.4
98	31.2	10.1	50.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.047 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.5	111.7
145	28.8	21.4	32.0

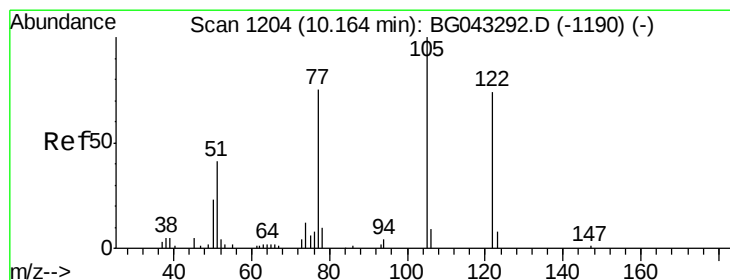
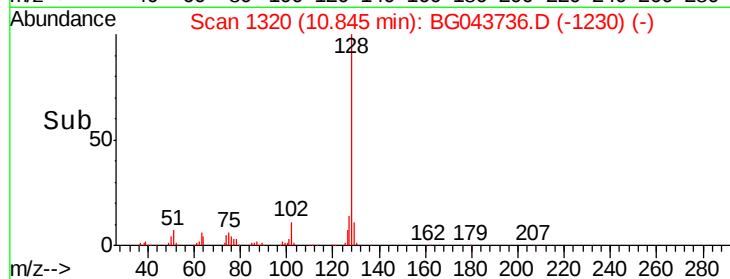
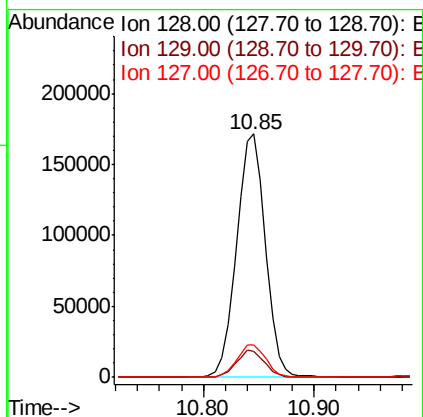
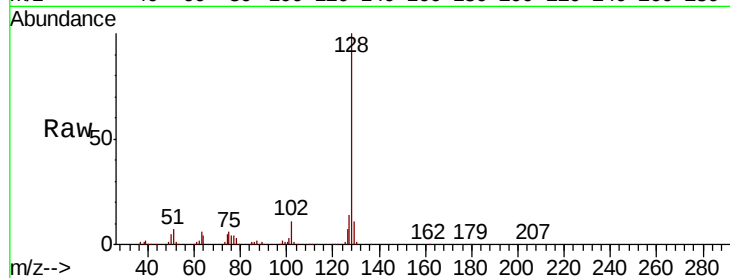




#31
Naphthalene
Concen: 49.133 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

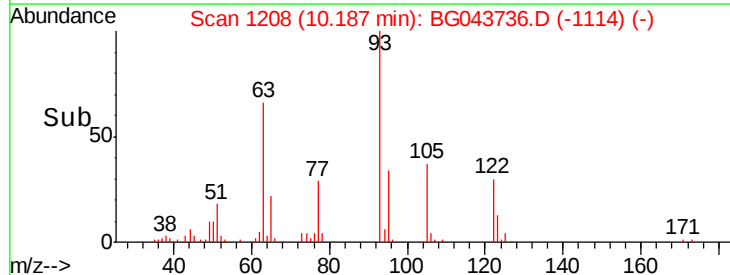
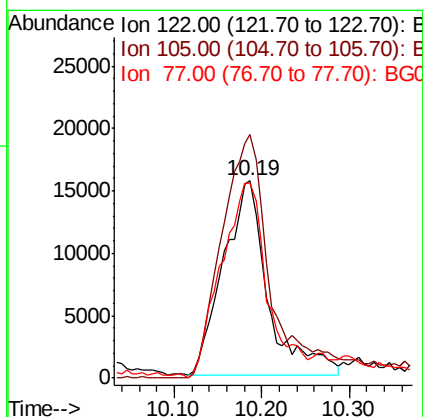
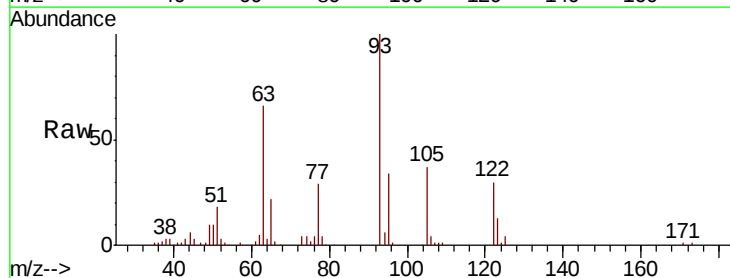
Instrument :
BNA_G
ClientSampleId :

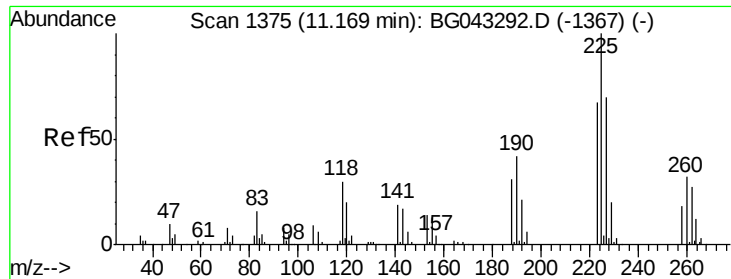
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.5	11.0	16.4



#32
Benzoic acid
Concen: 44.525 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	101.8	141.8
77	98.9	86.8	126.8

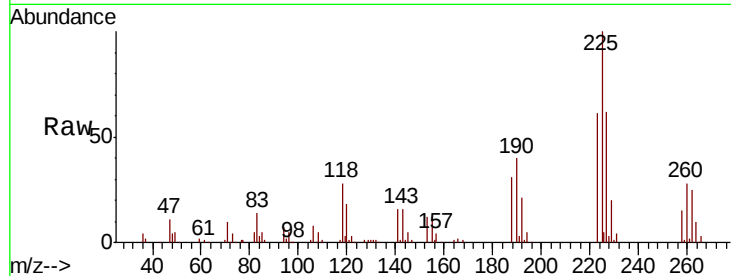




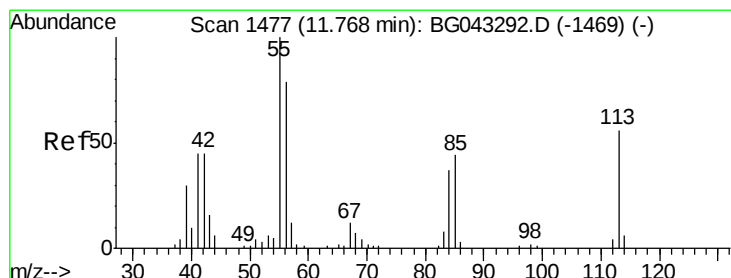
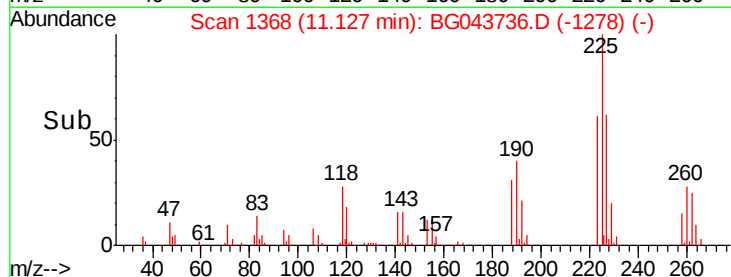
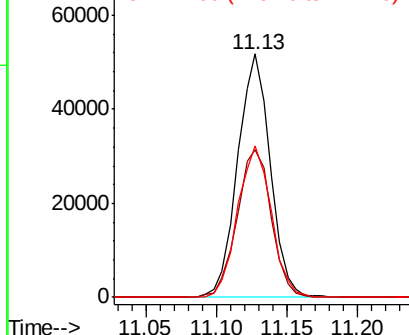
#34
Hexachlorobutadiene
Concen: 43.381 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 83627
Ion Ratio Lower Upper
225 100
223 60.8 48.6 73.0
227 62.0 49.1 73.7

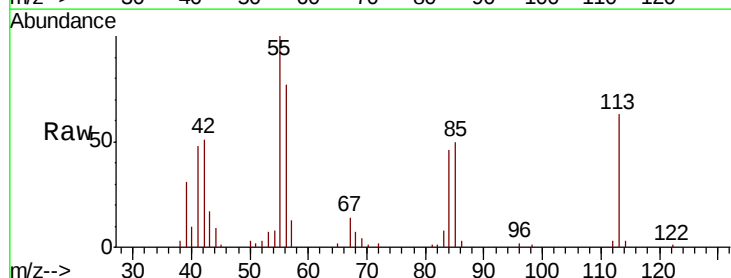


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

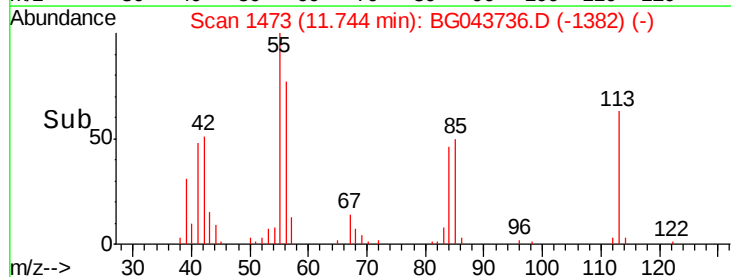
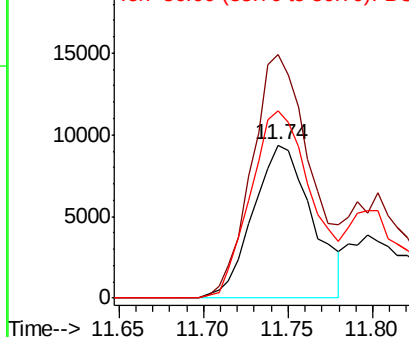


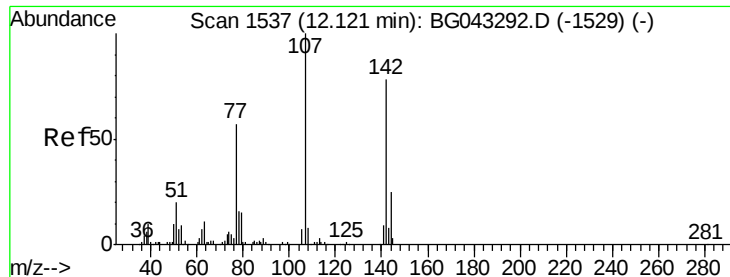
#35
Caprolactam
Concen: 31.881 ng
RT: 11.74 min Scan# 1473
Delta R.T. 0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion:113 Resp: 22718
Ion Ratio Lower Upper
113 100
55 159.4 154.4 194.4
56 122.2 112.9 152.9



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





#36

4-Chloro-3-methylphenol

Concen: 55.175 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

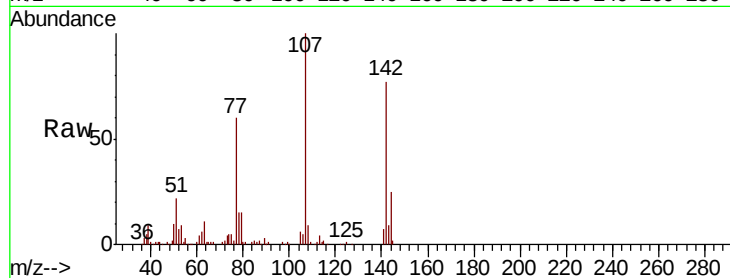
Tot Ion:107 Resp: 124525

Ion Ratio Lower Upper

107 100

144 25.3 21.7 32.5

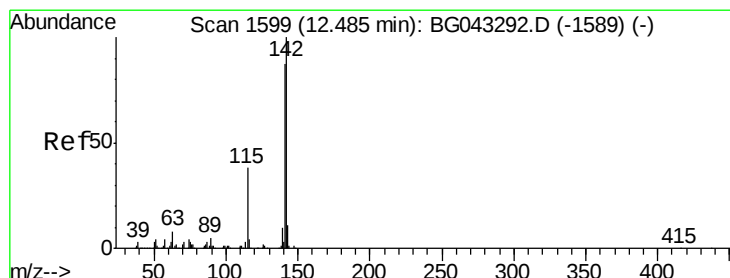
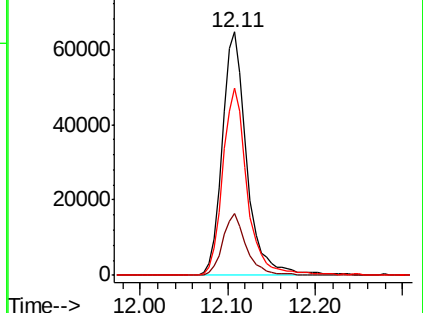
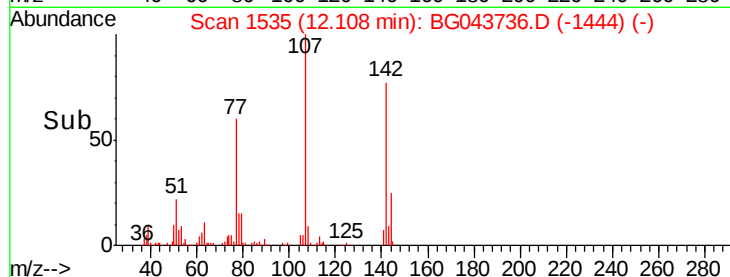
142 76.9 67.2 100.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 48.913 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

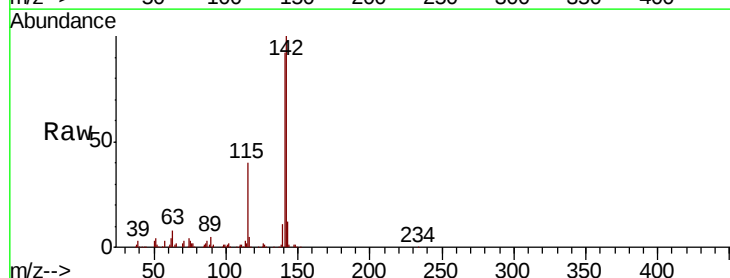
Tgt Ion:142 Resp: 240605

Ion Ratio Lower Upper

142 100

141 91.6 71.2 106.8

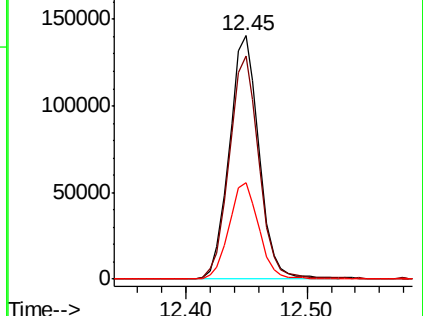
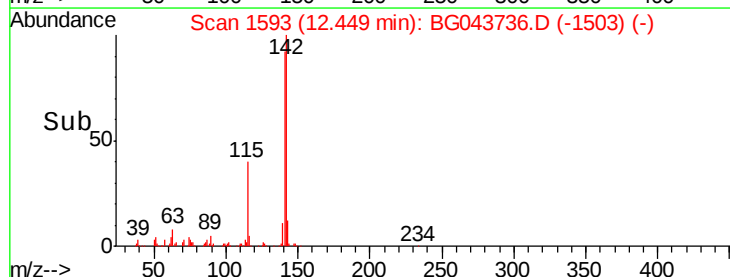
115 39.6 31.9 47.9

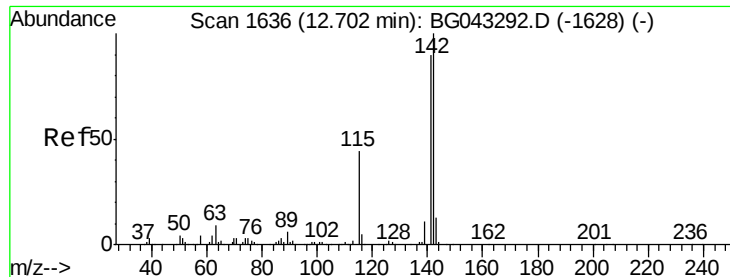


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

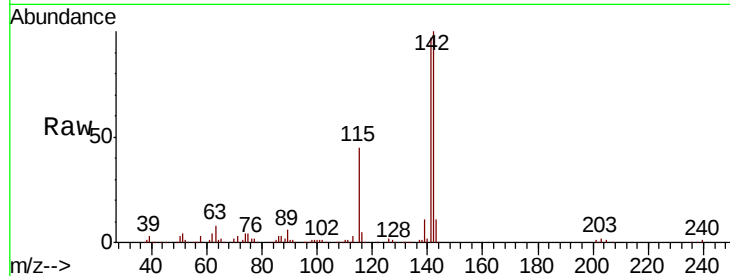




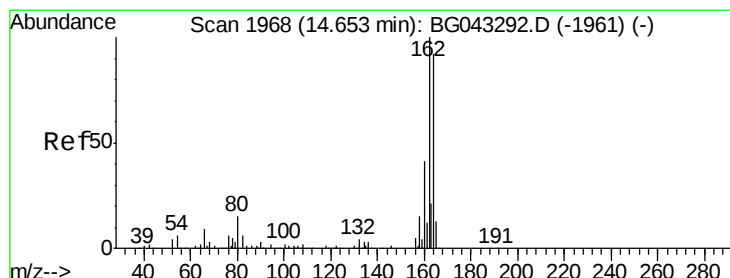
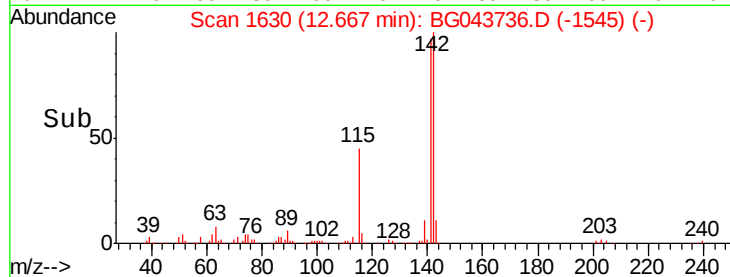
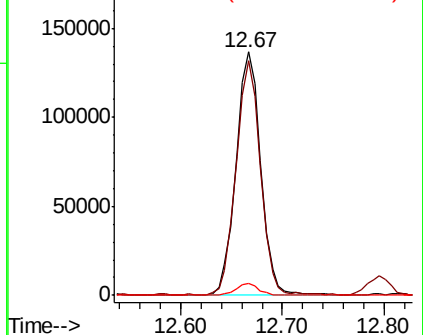
#38
1-Methylnaphthalene
Concen: 49.206 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.6	74.5	111.7
116	4.9	3.8	5.6

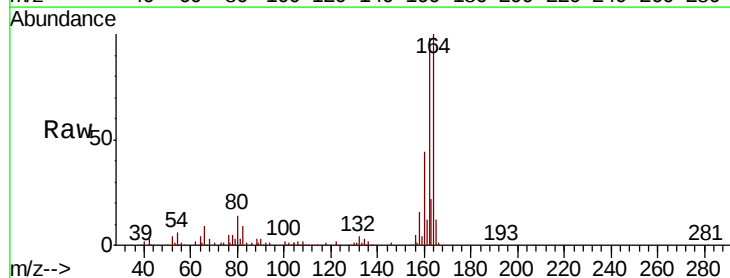


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

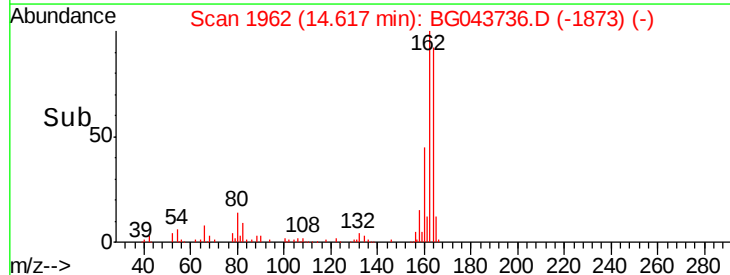
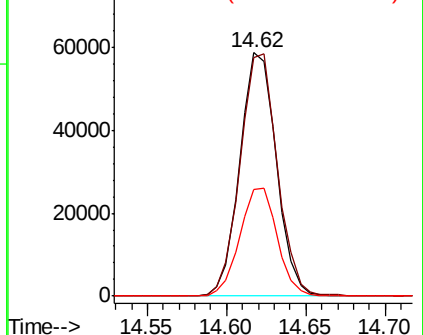


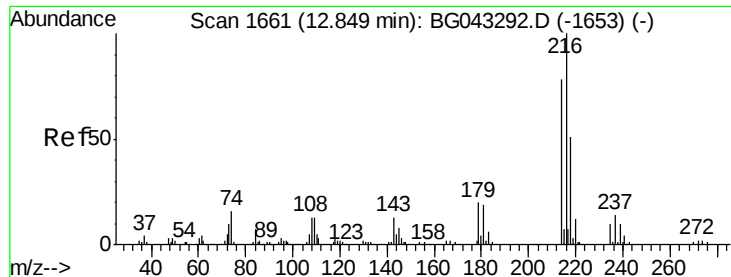
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.4	119.2
160	43.8	36.3	54.5



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: 44.093 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 153360

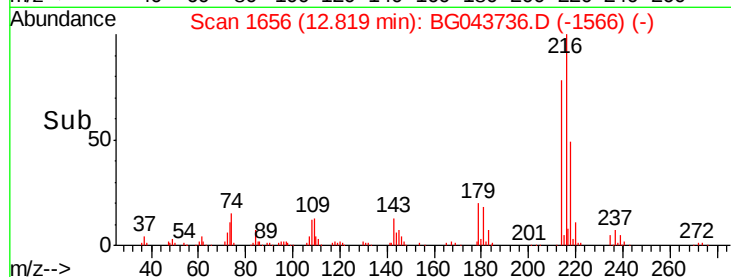
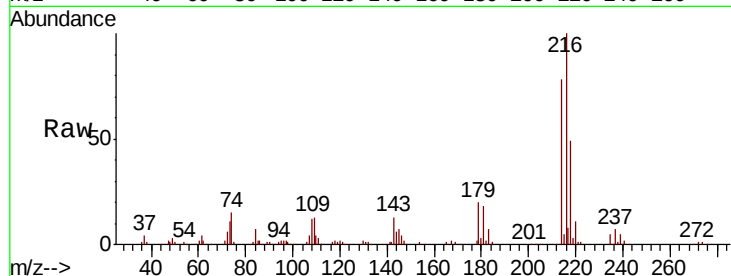
Ion Ratio Lower Upper

216 100

214 81.2 62.8 94.2

179 20.6 16.5 24.7

108 16.2 12.7 19.1

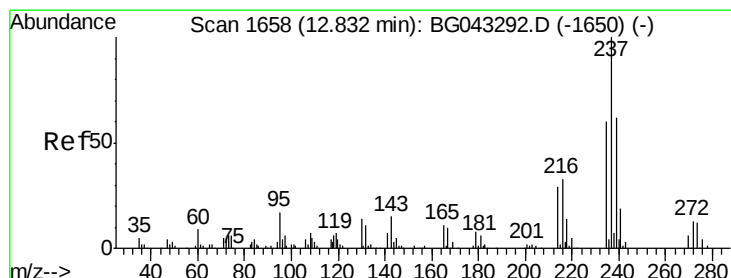
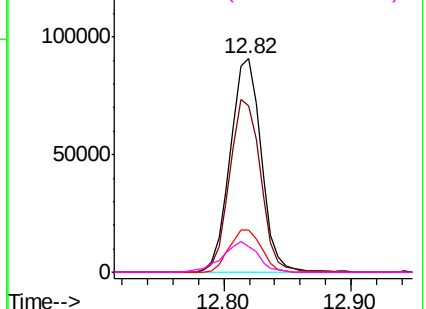


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.262 ng

RT: 12.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

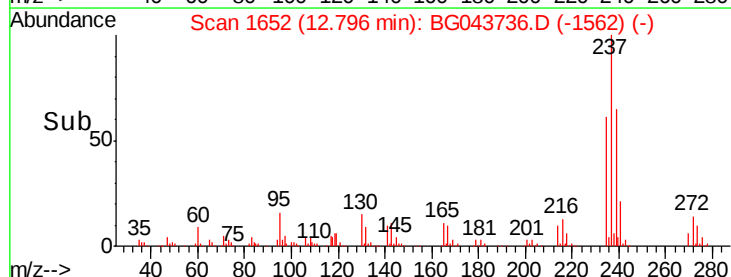
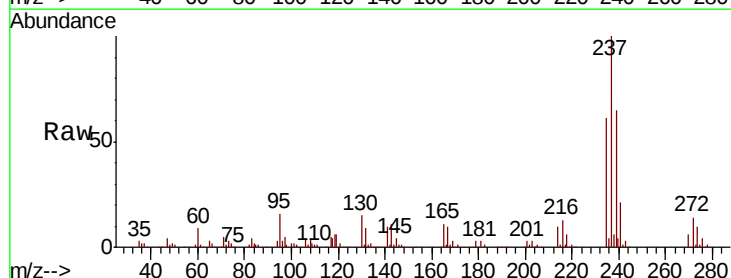
Tgt Ion:237 Resp: 172221

Ion Ratio Lower Upper

237 100

235 60.5 42.2 82.2

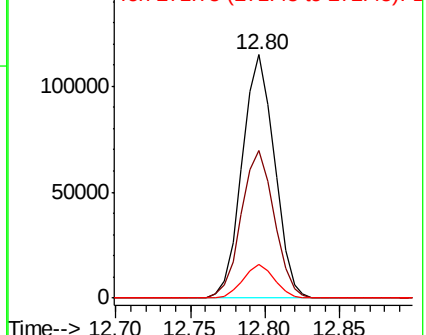
272 13.8 0.0 32.6

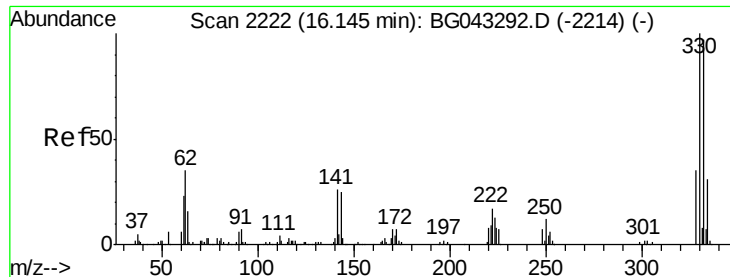


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

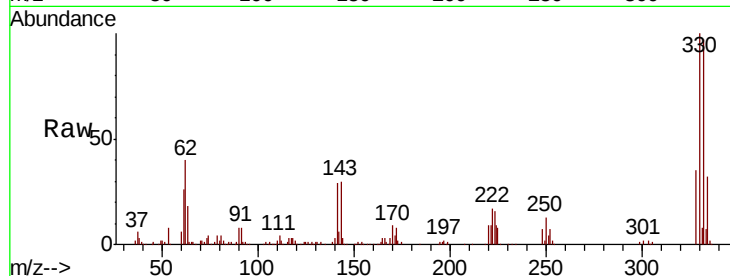




#42
 2,4,6-Tribromophenol
 Concen: 132.464 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	29.4	23.4	35.2

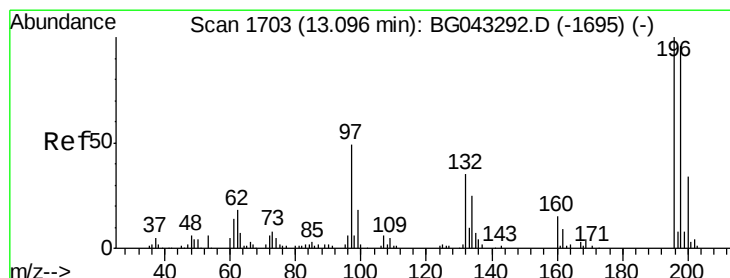
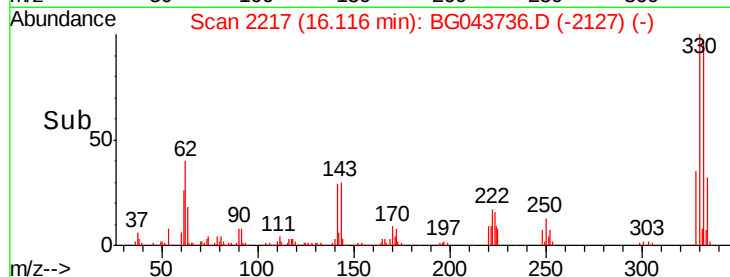
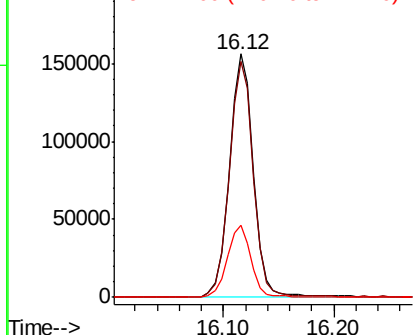


Abundance

Ion 329.80 (329.50 to 330.50): E

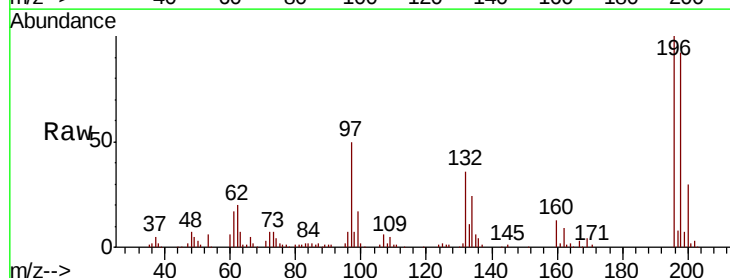
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 50.670 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	81.3	121.9
200	30.3	28.2	42.2

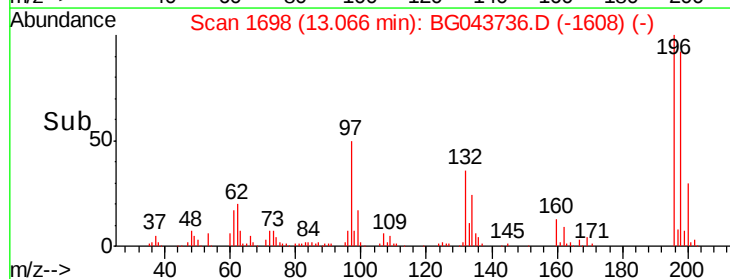
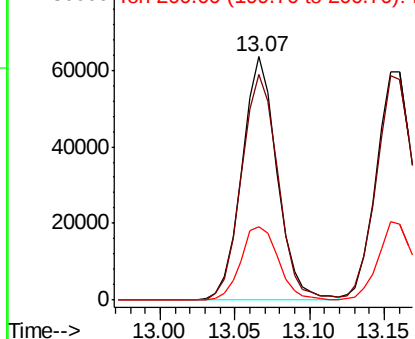


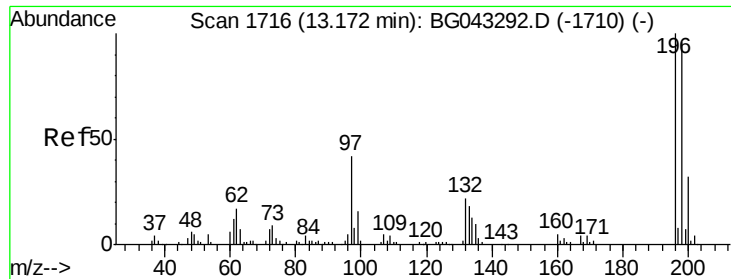
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

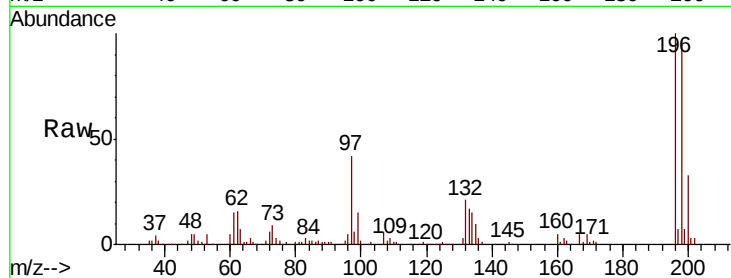




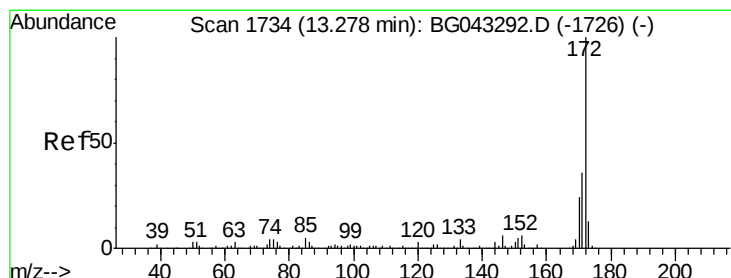
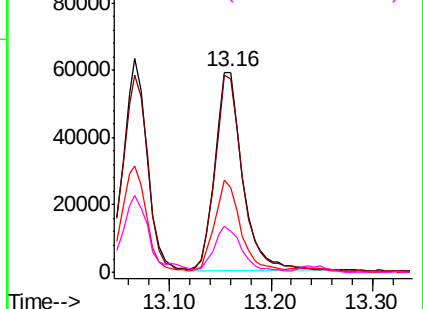
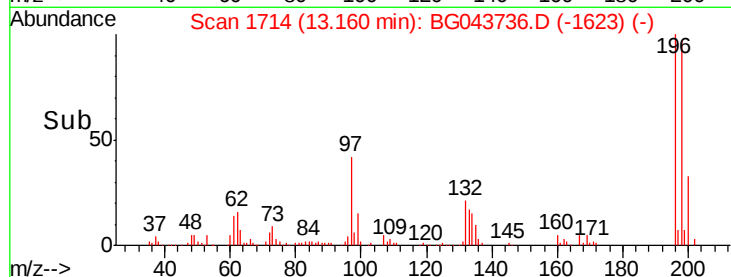
#44
 2,4,5-Trichlorophenol
 Concen: 54.285 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196	Resp:	112411
Ion Ratio	Lower	Upper
196	100	
198	96.9	77.4 116.2
97	42.4	35.9 53.9
132	20.5	20.0 30.0

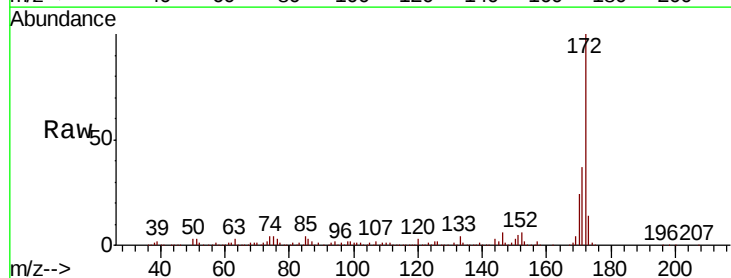


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

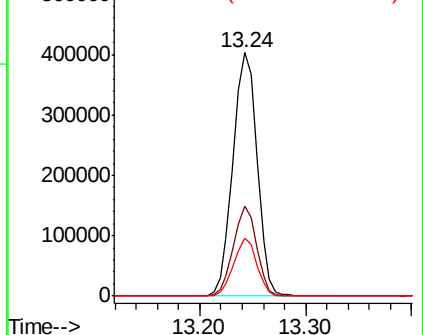
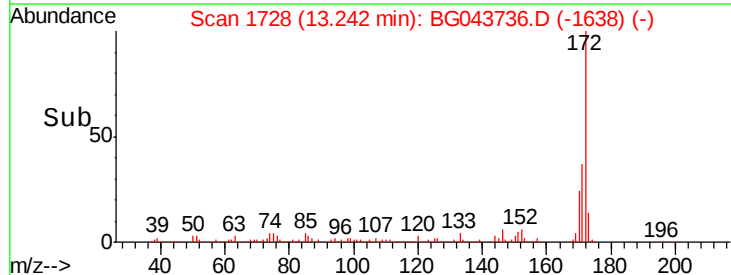


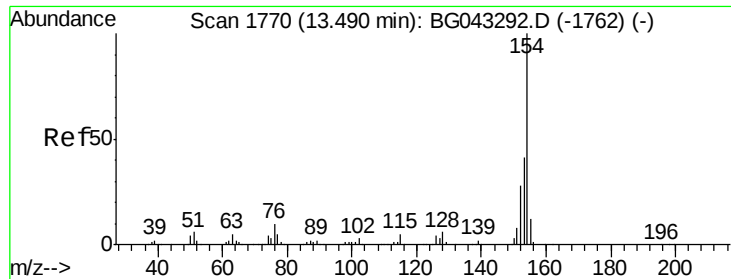
#45
 2-Fluorobiphenyl
 Concen: 93.556 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion:172	Resp:	636299
Ion Ratio	Lower	Upper
172	100	
171	36.8	28.1 42.1
170	23.8	18.8 28.2



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

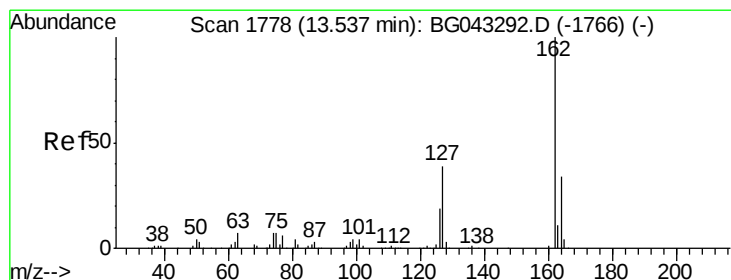
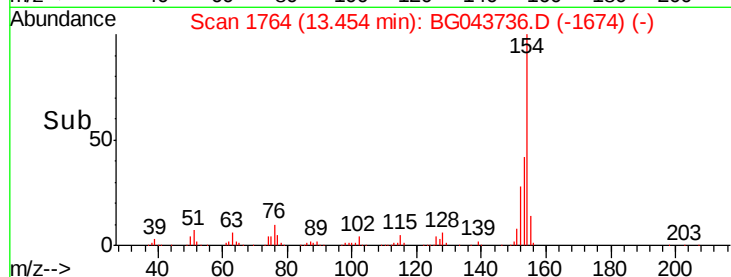
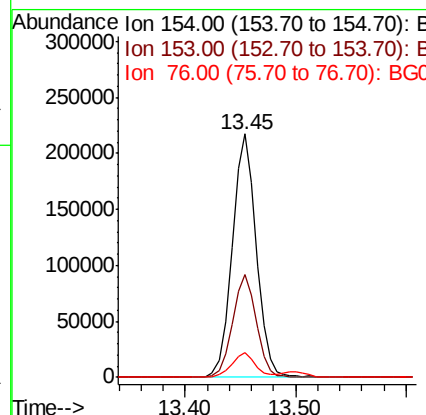
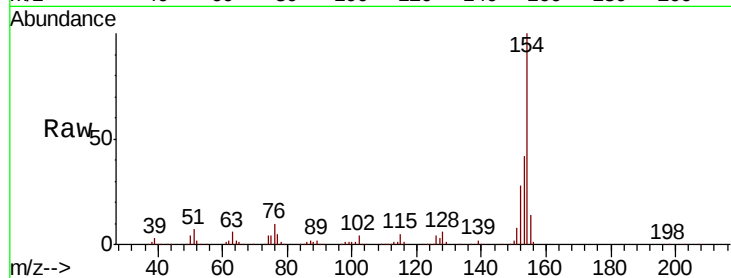




#46
 1,1'-Biphenyl
 Concen: 46.249 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

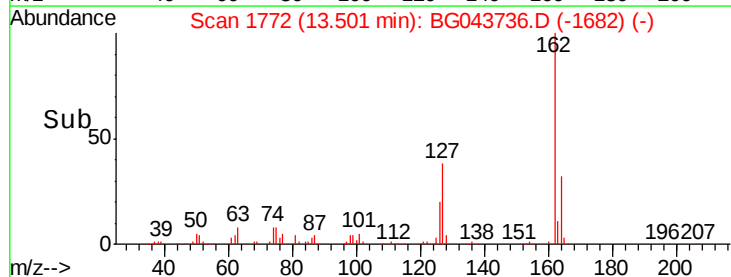
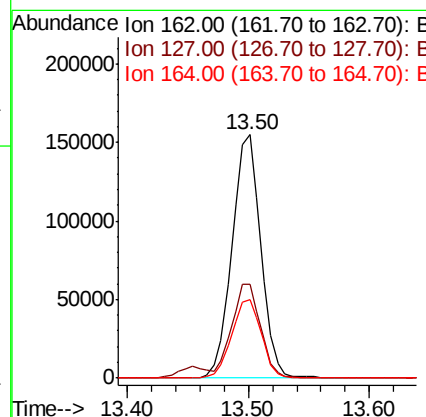
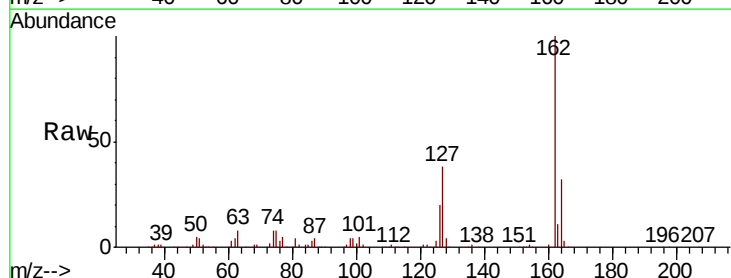
Instrument :
 BNA_G
 ClientSampled :

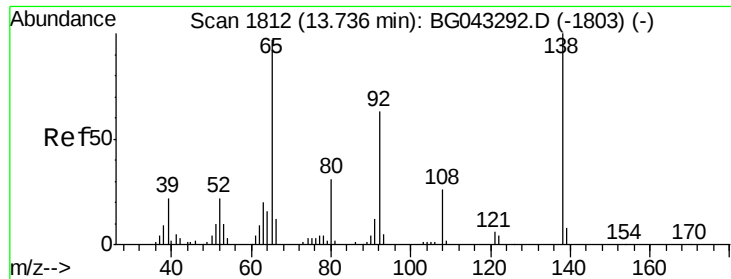
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.6	62.6
76	10.2	0.0	29.1



#47
 2-Chloronaphthalene
 Concen: 47.262 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.8	49.2
164	32.1	27.8	41.8

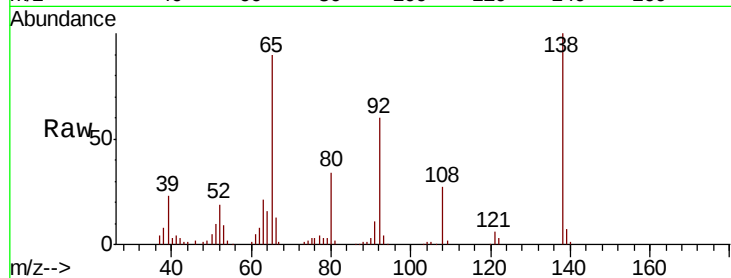




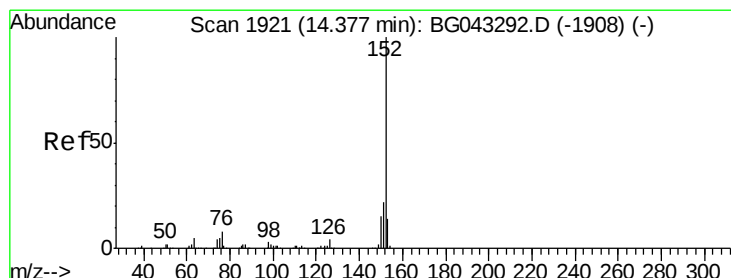
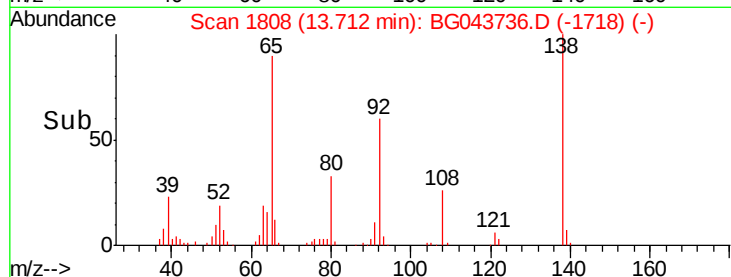
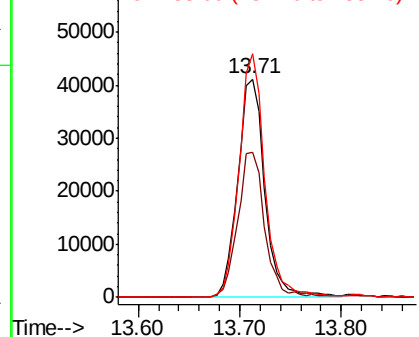
#48
2-Nitroaniline
Concen: 47.109 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 76593
Ion Ratio Lower Upper
65 100
92 66.6 54.9 82.3
138 111.6 85.0 127.6

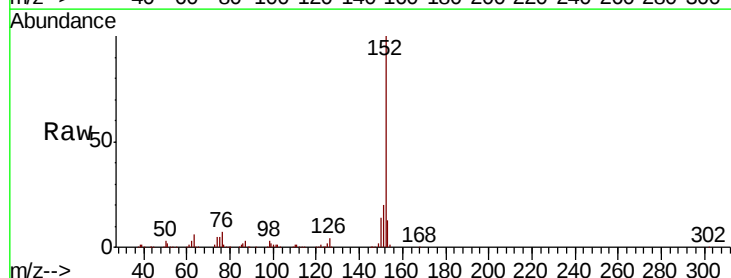


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

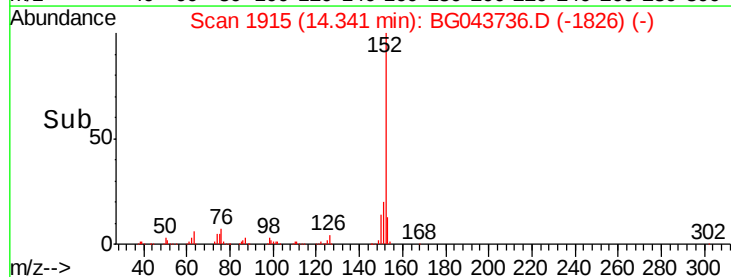
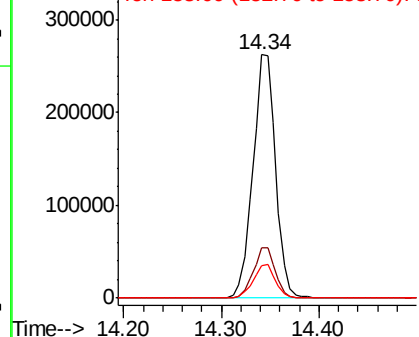


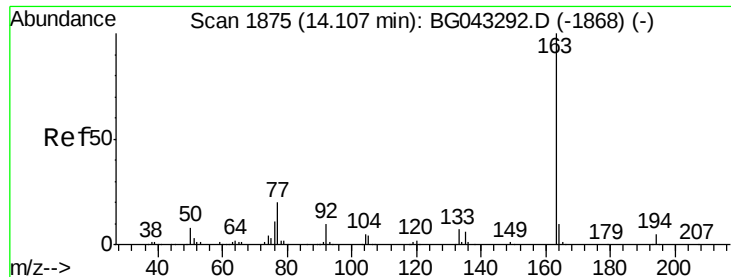
#49
Acenaphthylene
Concen: 50.524 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion: 152 Resp: 427750
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 11.0 16.4



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





#50

Dimethylphthalate

Concen: 49.703 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

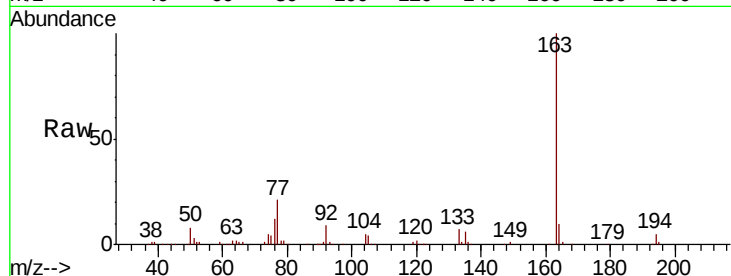
Tot Ion:163 Resp: 361810

Ion Ratio Lower Upper

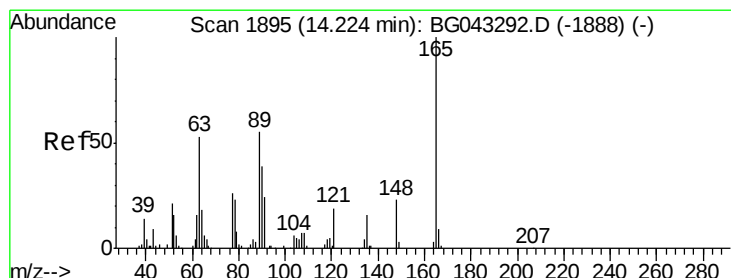
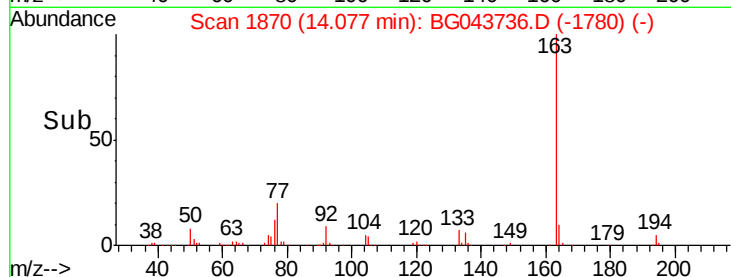
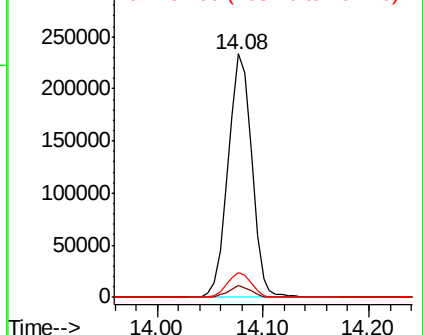
163 100

194 4.8 3.8 5.8

164 9.9 8.5 12.7



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: 51.119 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

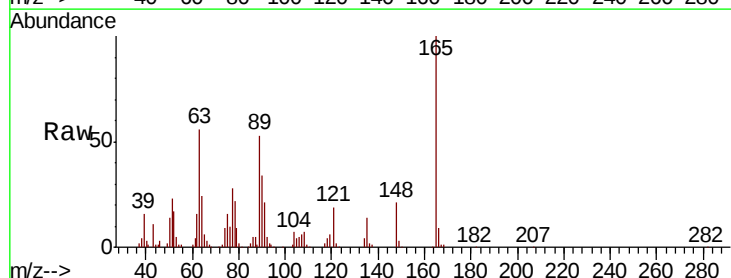
Tgt Ion:165 Resp: 80842

Ion Ratio Lower Upper

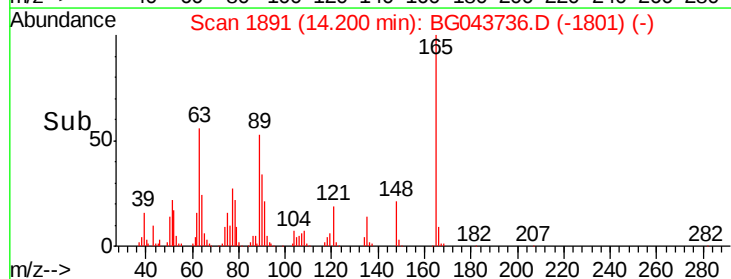
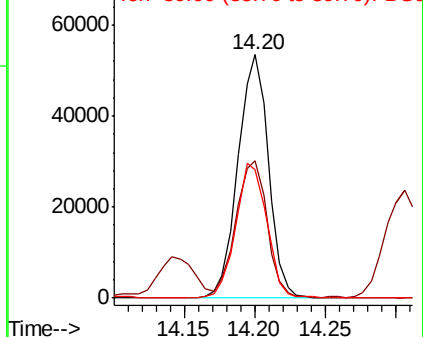
165 100

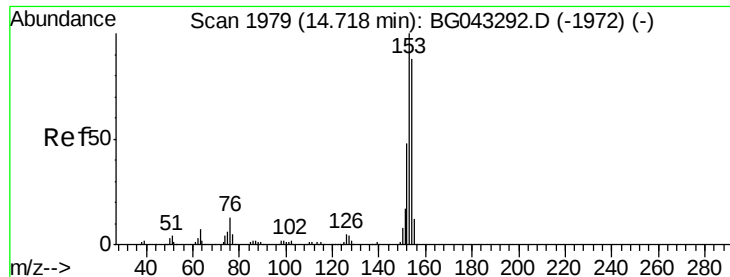
63 56.4 45.0 67.6

89 52.9 39.8 59.8



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





#52

Acenaphthene

Concen: 49.393 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

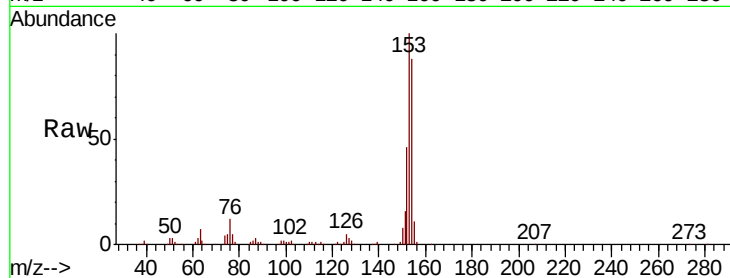
Tot Ion:154 Resp: 255019

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

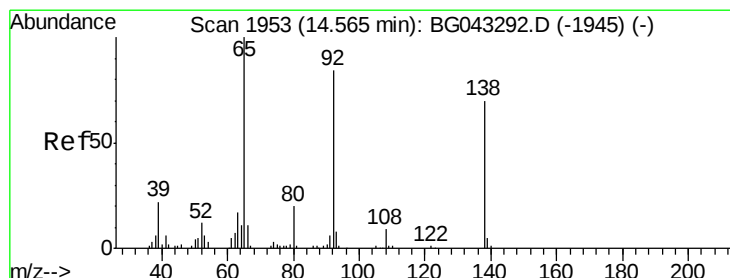
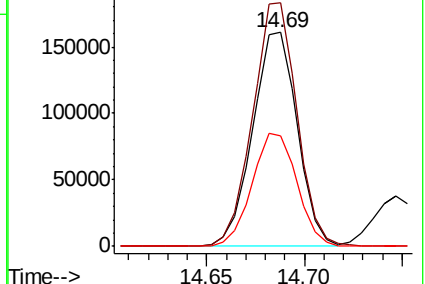
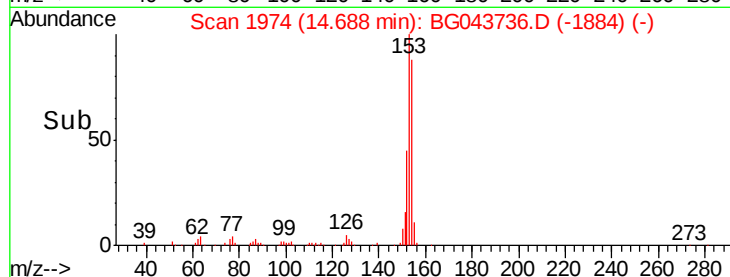
152 52.0 41.4 62.0



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: 10.089 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

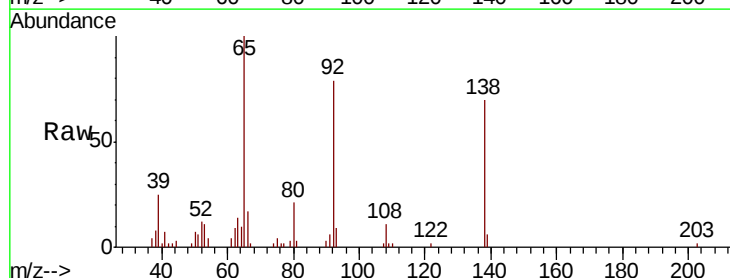
Tgt Ion:138 Resp: 15404

Ion Ratio Lower Upper

138 100

108 15.6 9.8 14.8#

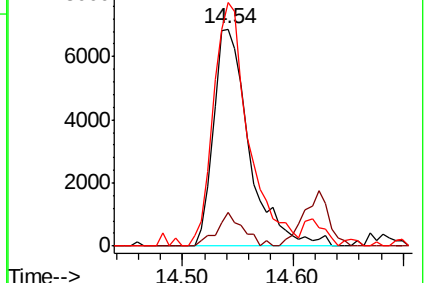
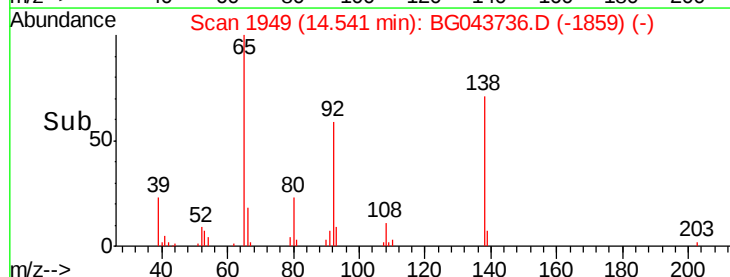
92 112.3 88.1 132.1

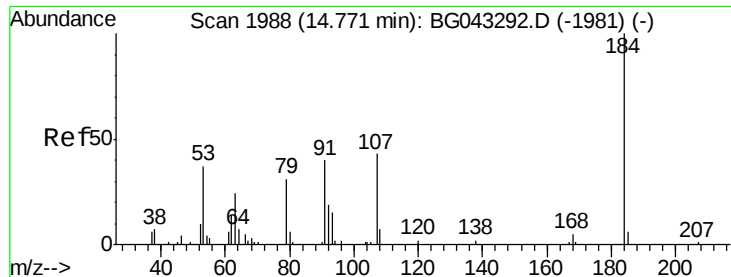


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

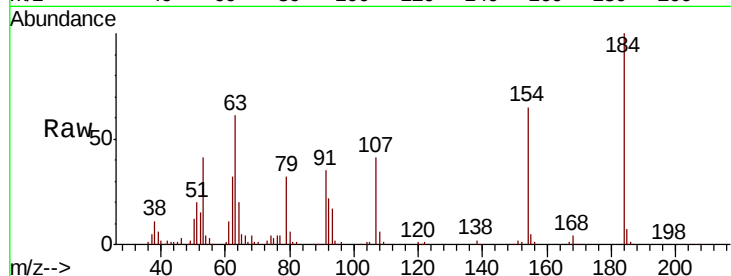




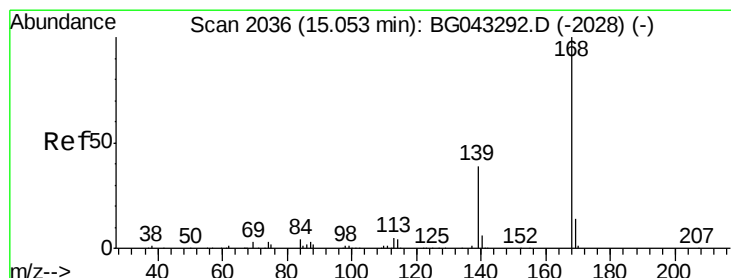
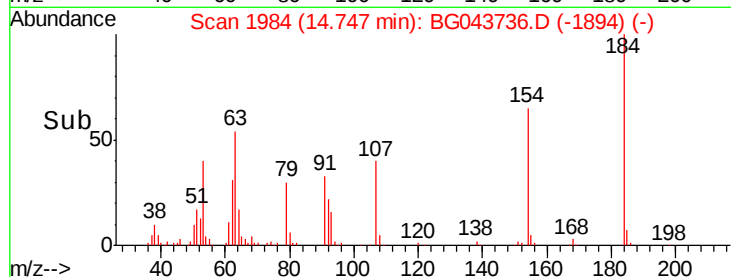
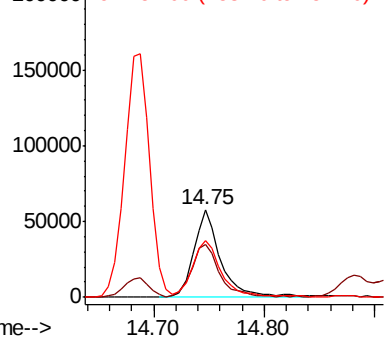
#54
2,4-Dinitrophenol
Concen: 97.031 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 97505
Ion Ratio Lower Upper
184 100
63 60.7 59.0 88.4
154 65.3 57.4 86.2

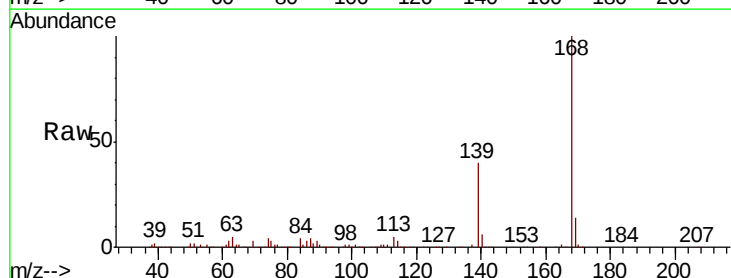


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

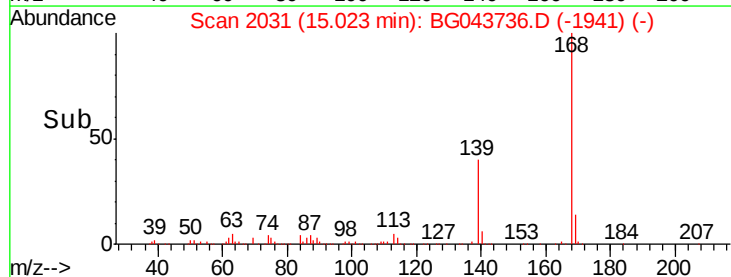
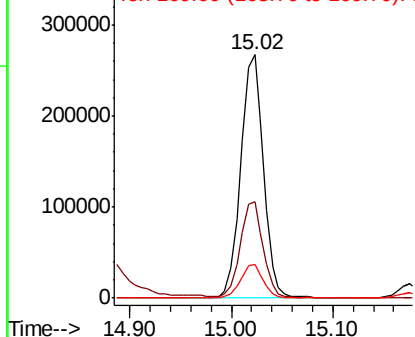


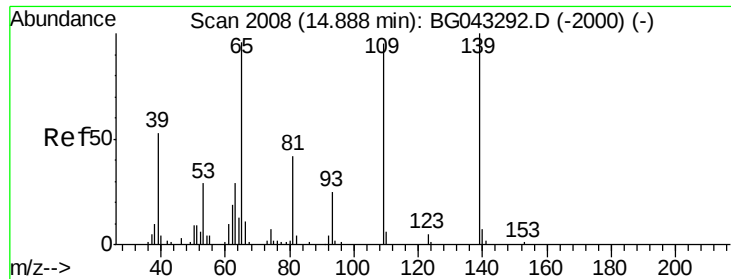
#55
Dibenzofuran
Concen: 49.465 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion:168 Resp: 414159
Ion Ratio Lower Upper
168 100
139 39.5 32.7 49.1
169 13.6 10.6 15.8



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





#56

4-Nitrophenol

Concen: 97.322 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

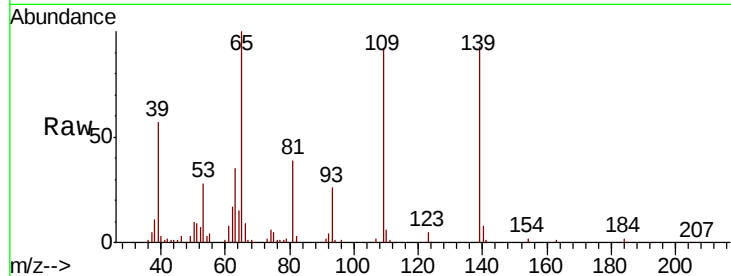
Tot Ion:139 Resp: 99579

Ion Ratio Lower Upper

139 100

109 99.4 64.0 104.0

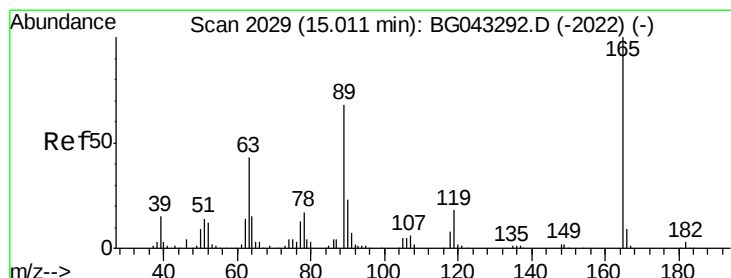
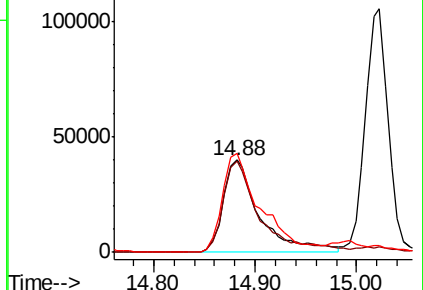
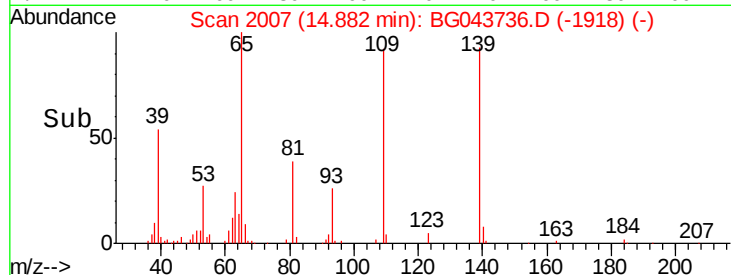
65 107.6 75.6 115.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 50.482 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:165 Resp: 114091

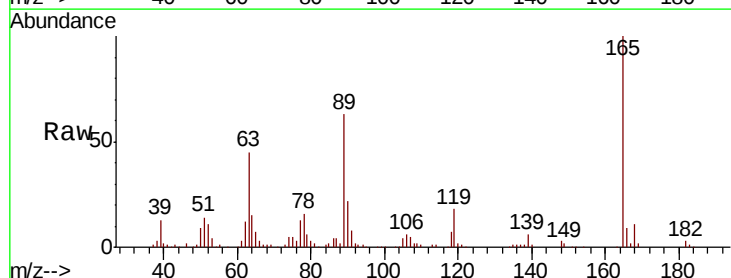
Ion Ratio Lower Upper

165 100

63 44.6 37.4 56.0

89 63.4 50.9 76.3

182 2.6 2.3 3.5

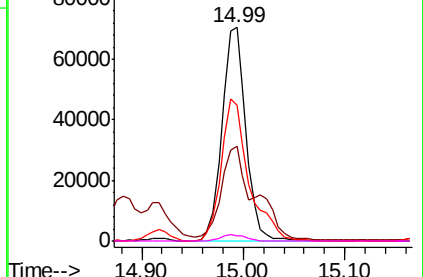
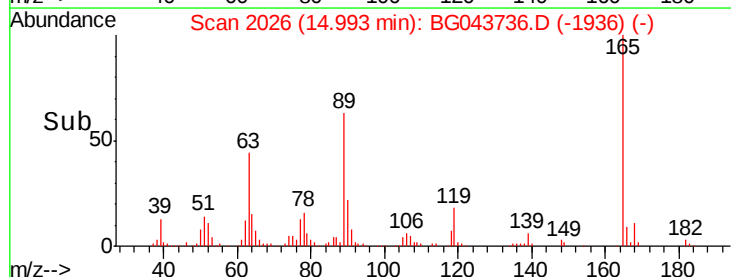


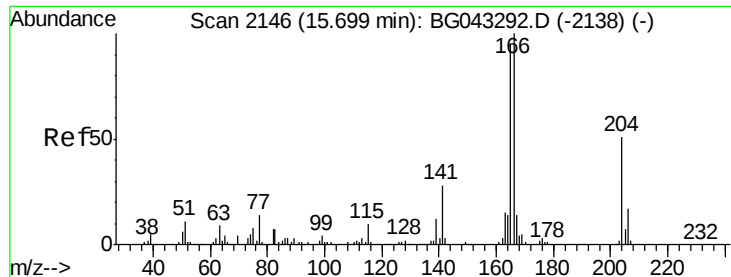
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

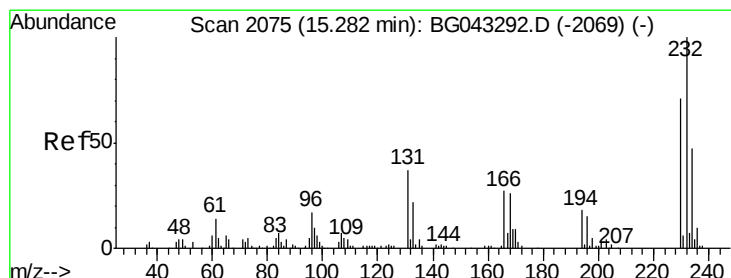
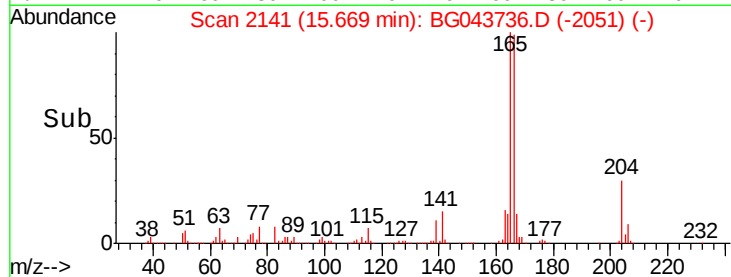
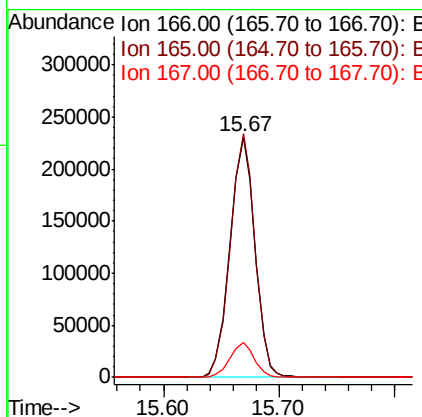
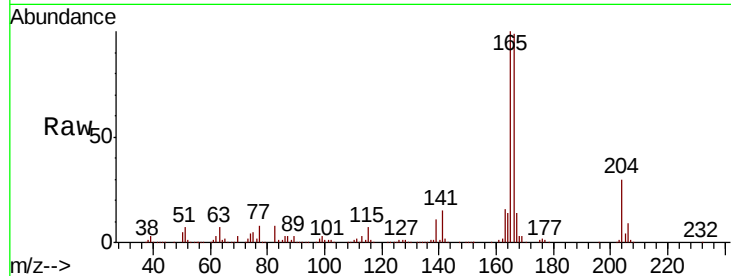




#58
 Fluorene
 Concen: 49.270 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

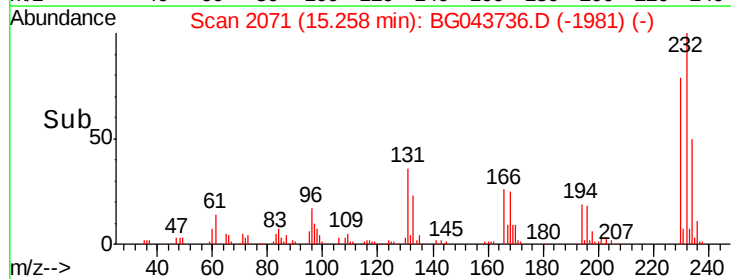
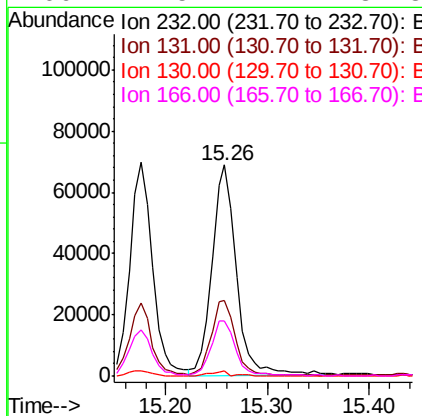
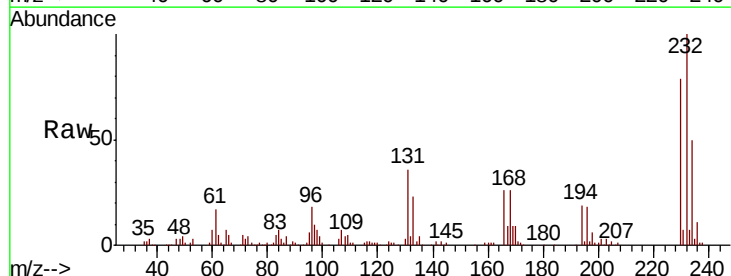
Instrument :
 BNA_G
 ClientSampleId :

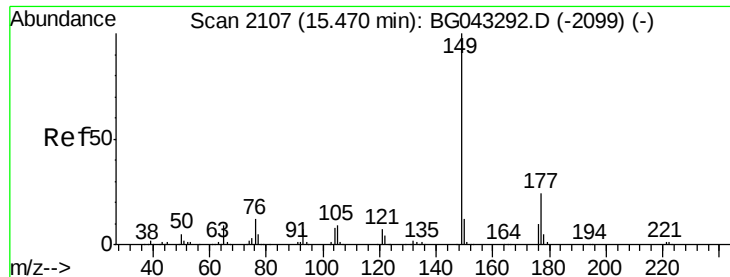
Tot Ion:166 Resp: 345988
 Ion Ratio Lower Upper
 166 100
 165 101.4 78.4 117.6
 167 14.7 11.2 16.8



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.582 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion:232 Resp: 113485
 Ion Ratio Lower Upper
 232 100
 131 35.6 29.6 44.4
 130 2.0 1.4 2.0
 166 27.5 21.2 31.8





#60

Diethylphthalate

Concen: 48.094 ng

RT: 15.43 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

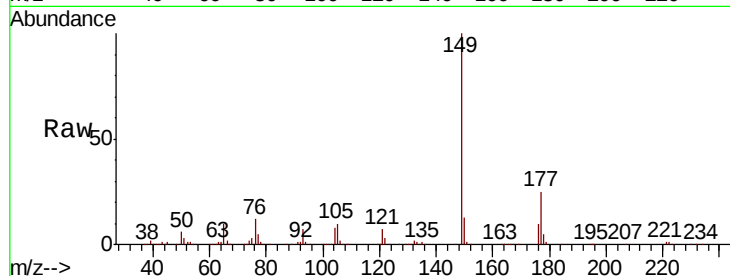
Tot Ion:149 Resp: 351772

Ion Ratio Lower Upper

149 100

177 24.5 19.3 28.9

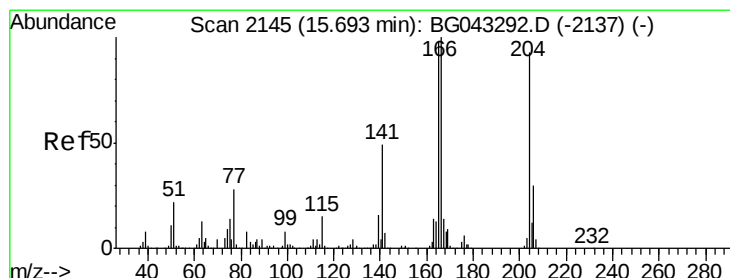
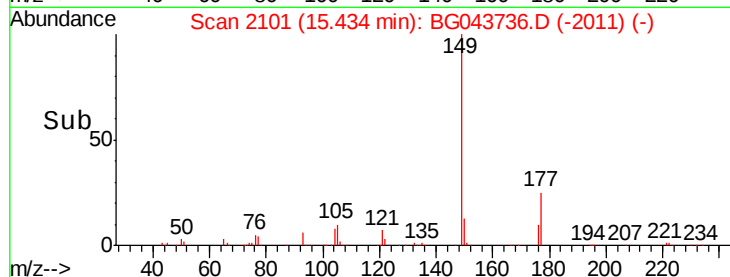
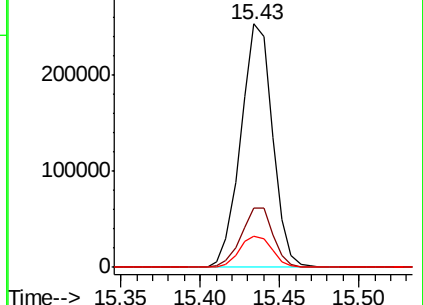
150 12.8 10.5 15.7



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: 49.399 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

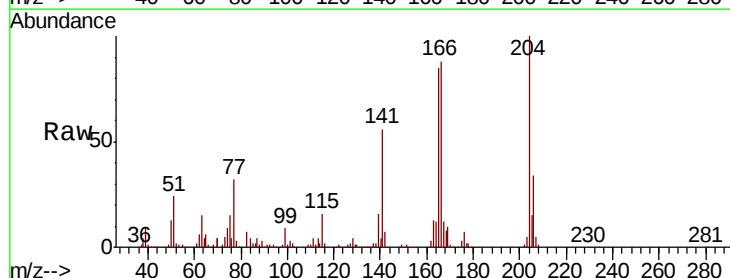
Tgt Ion:204 Resp: 202369

Ion Ratio Lower Upper

204 100

206 34.5 28.2 42.4

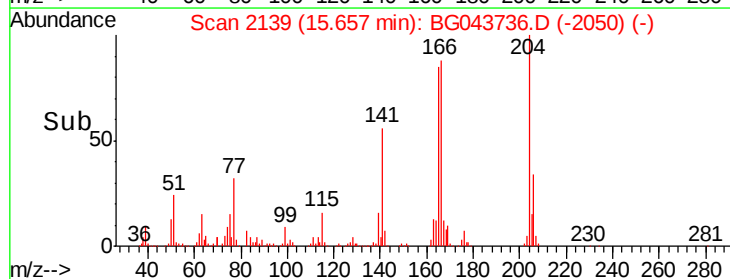
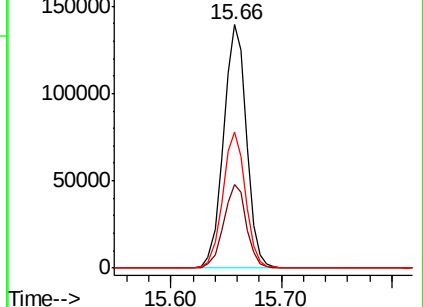
141 56.0 44.5 66.7

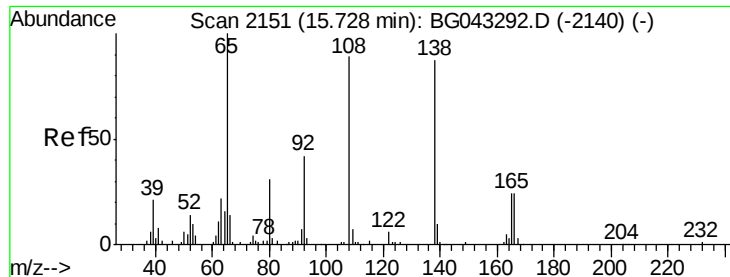


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 40.072 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

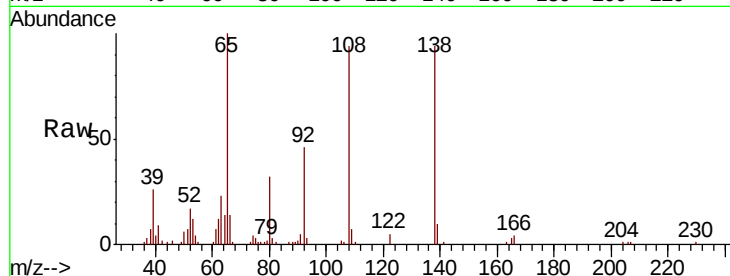
Tot Ion:138 Resp: 63188

Ion Ratio Lower Upper

138 100

92 49.5 31.0 71.0

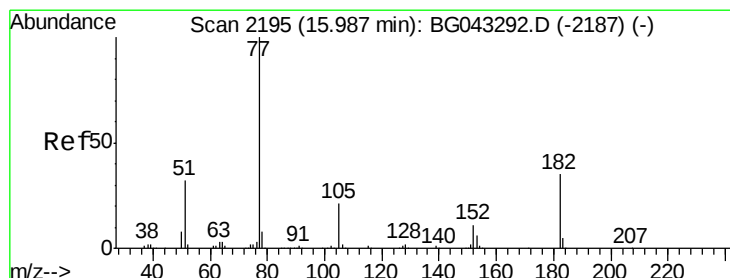
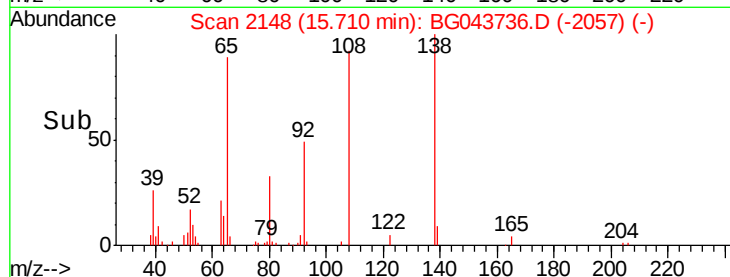
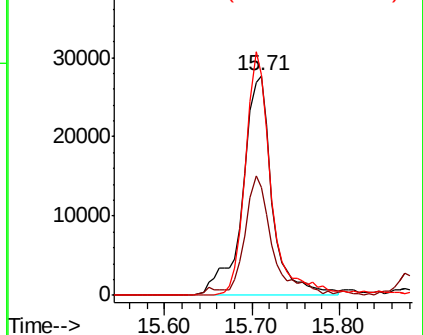
108 100.3 85.0 125.0



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: 50.152 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion: 77 Resp: 296876

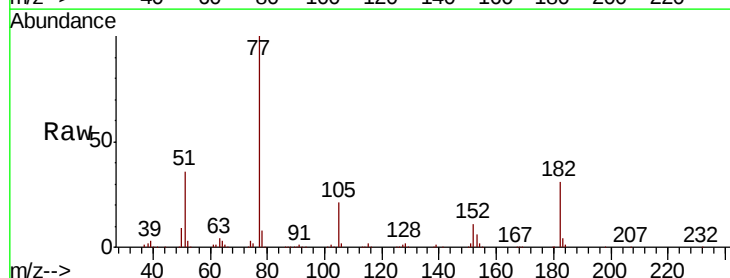
Ion Ratio Lower Upper

77 100

182 31.5 11.2 51.2

105 21.3 1.5 41.5

51 36.3 14.7 54.7

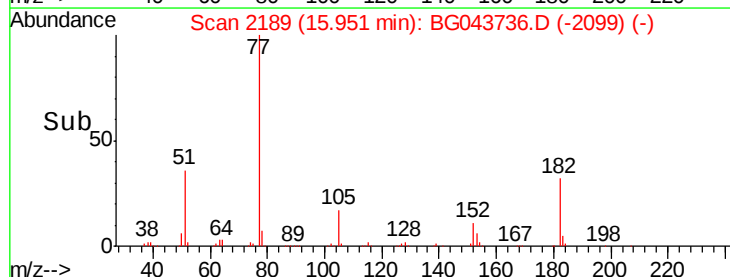
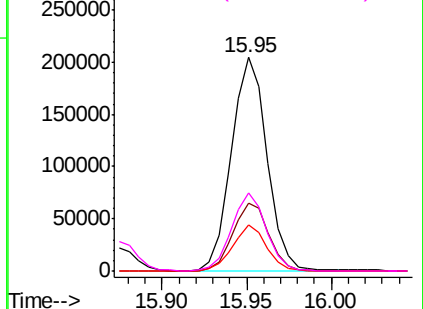


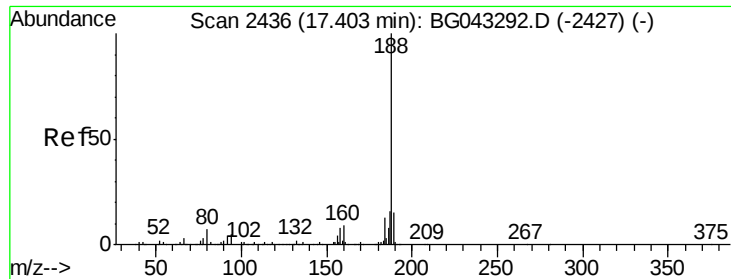
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

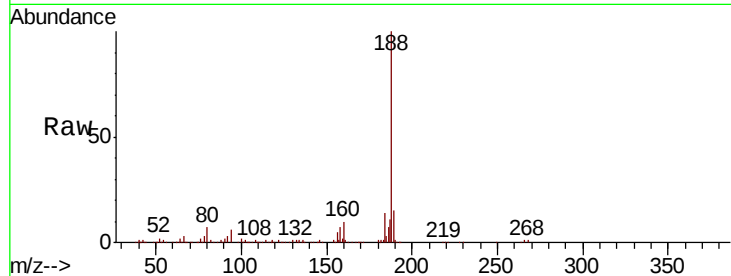
Tot Ion:188 Resp: 219980

Ion Ratio Lower Upper

188 100

94 5.7 4.6 7.0

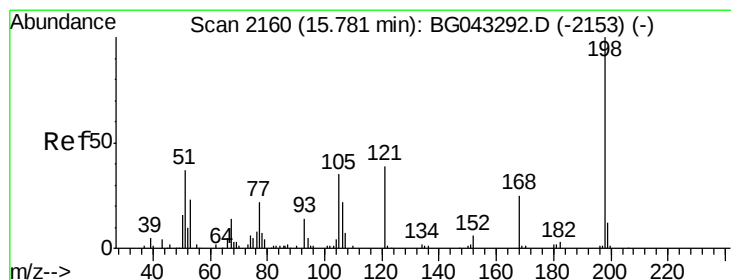
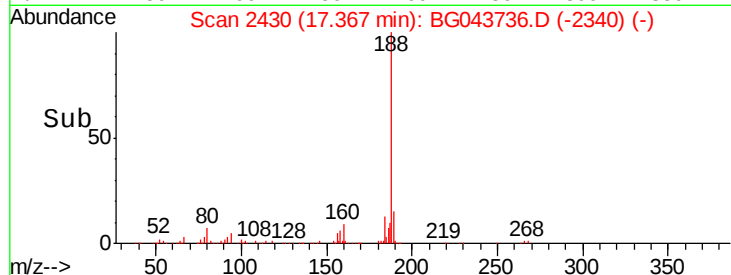
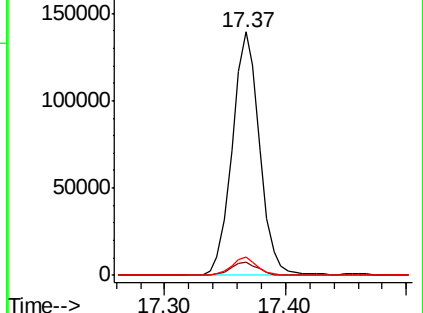
80 7.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

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: 57.957 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

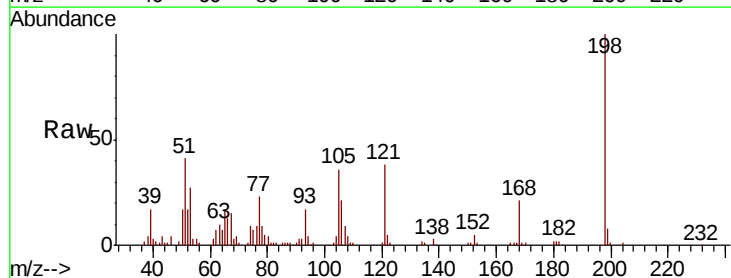
Tgt Ion:198 Resp: 75030

Ion Ratio Lower Upper

198 100

51 41.0 17.3 57.3

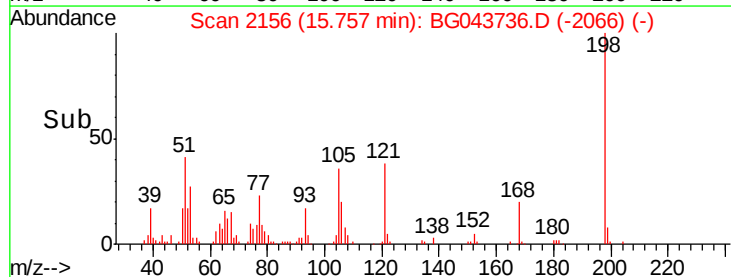
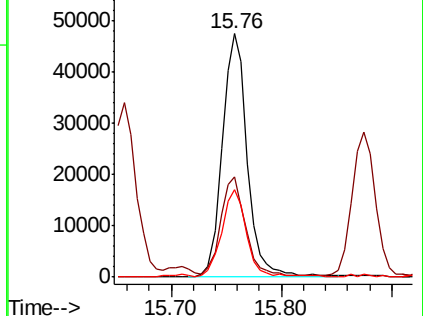
105 36.1 13.9 53.9

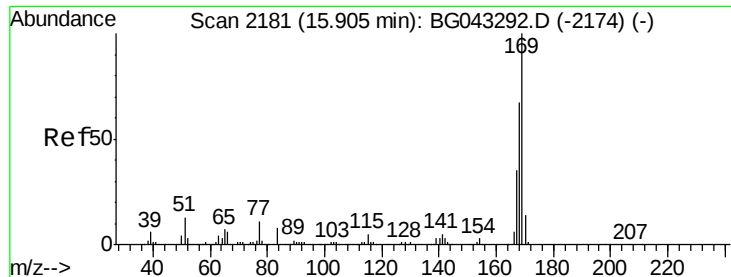


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

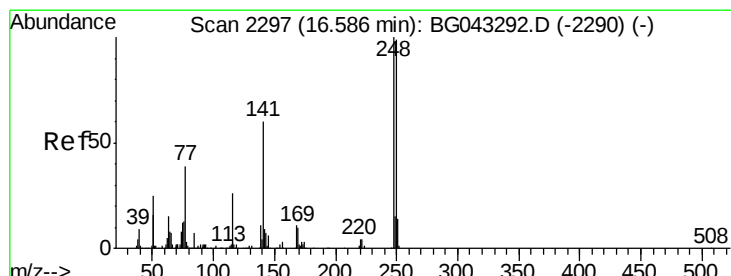
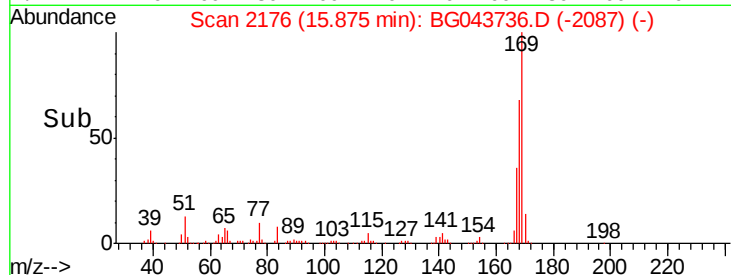
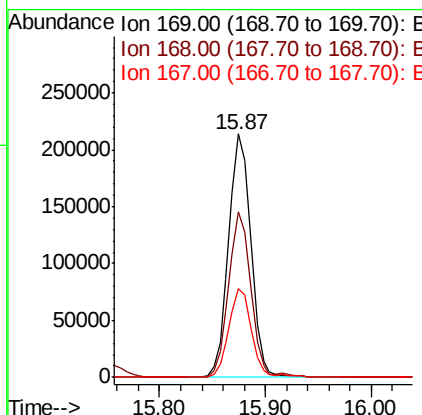
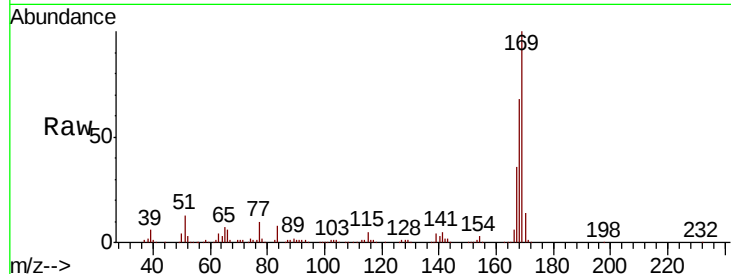




#66
 n-Nitrosodiphenylamine
 Concen: 50.301 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

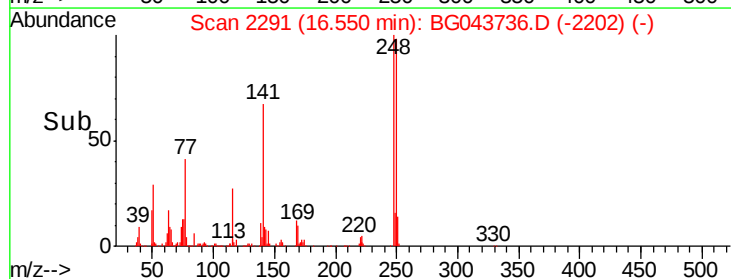
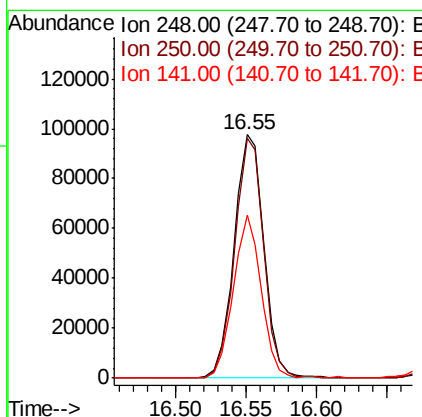
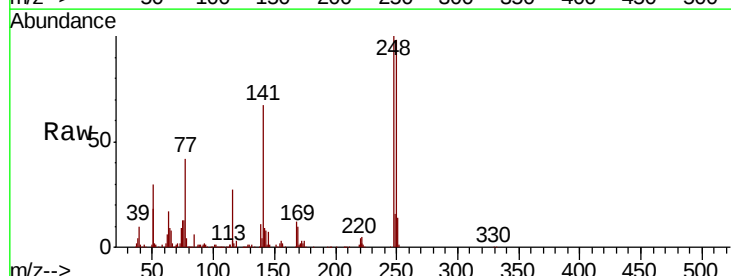
Instrument :
 BNA_G
 ClientSampleId :

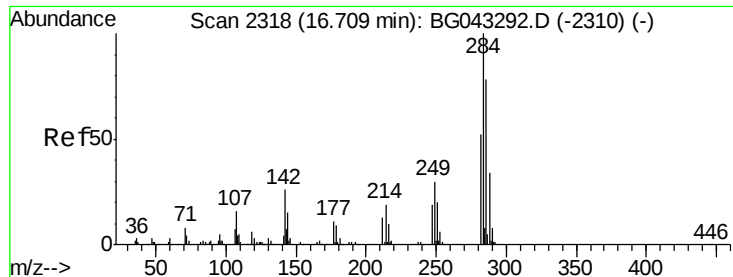
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.2	84.4
167	36.4	29.8	44.8



#67
 4-Bromophenyl-phenylether
 Concen: 48.246 ng
 RT: 16.55 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.3	114.5
141	66.8	49.5	74.3

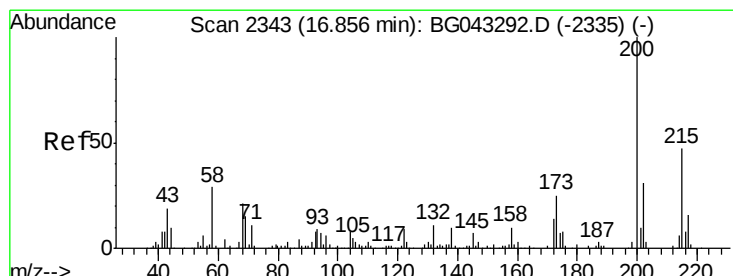
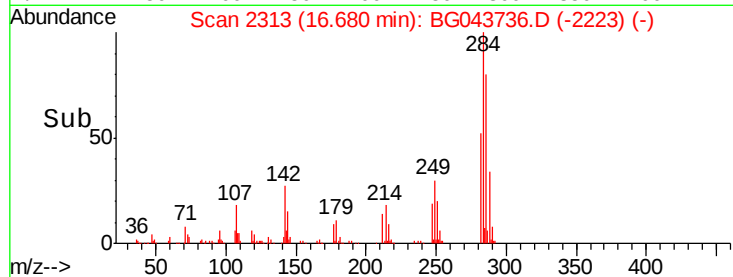
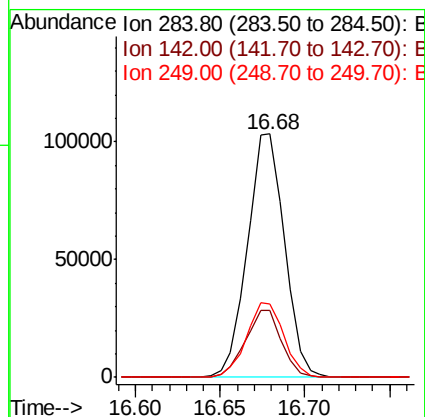
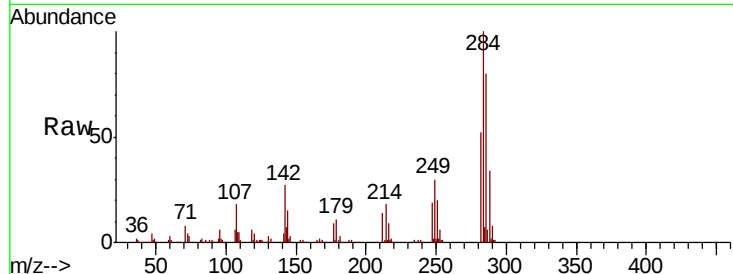




#68
Hexachlorobenzene
Concen: 46.301 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

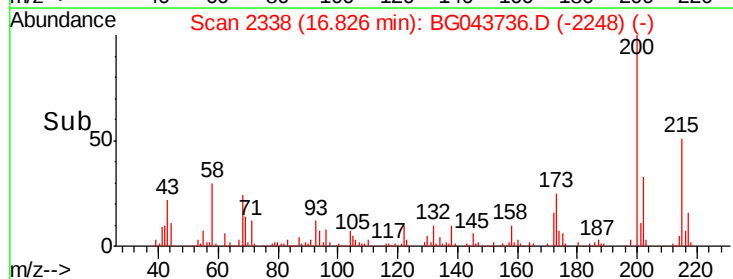
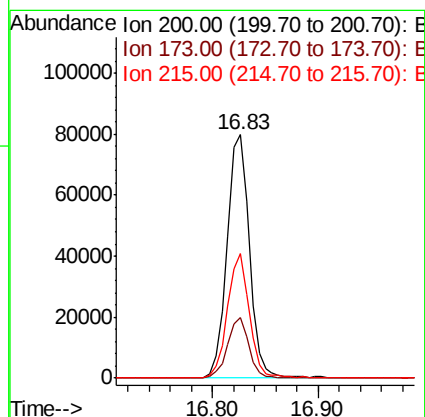
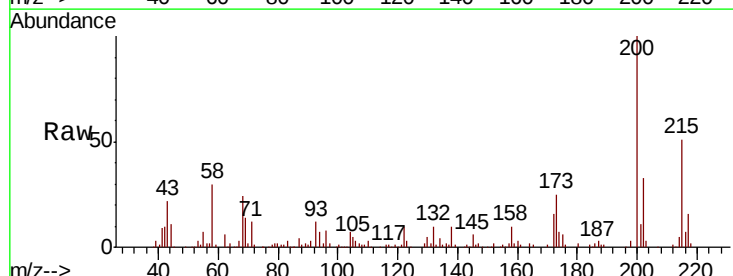
Instrument :
BNA_G
ClientSampled :

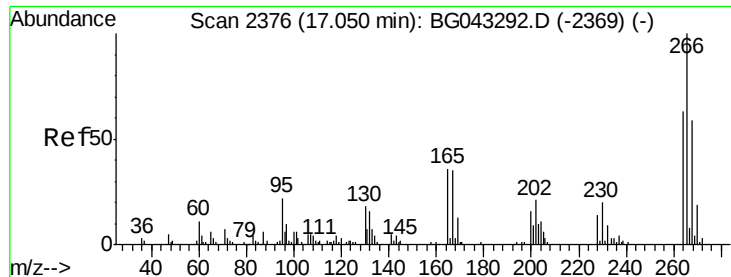
Tot Ion:284 Resp: 157342
Ion Ratio Lower Upper
284 100
142 27.4 23.2 34.8
249 29.9 27.0 40.4



#69
Atrazine
Concen: 54.293 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion:200 Resp: 117166
Ion Ratio Lower Upper
200 100
173 25.0 5.1 45.1
215 51.0 29.8 69.8

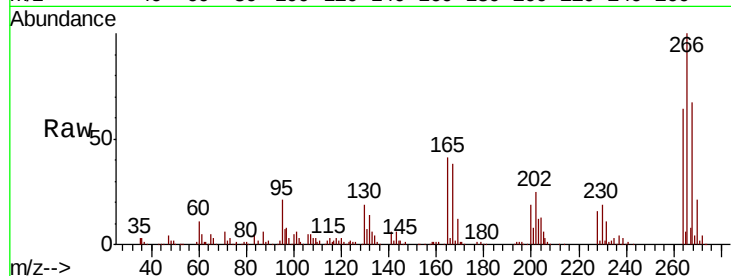




#70
 Pentachlorophenol
 Concen: 101.869 ng
 RT: 17.03 min Scan# 2372
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.2	79.8
264	64.4	48.9	73.3

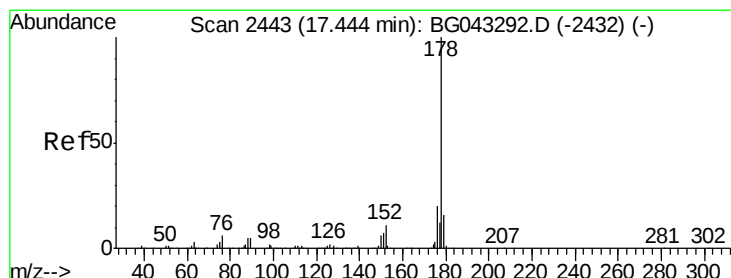
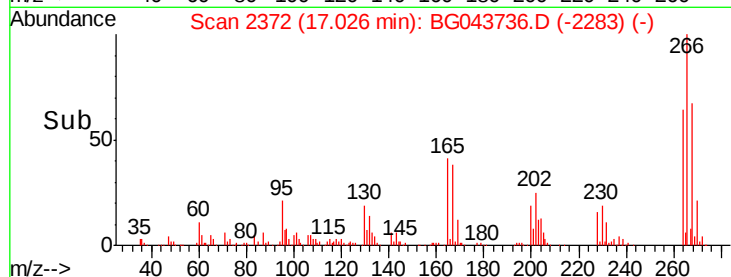
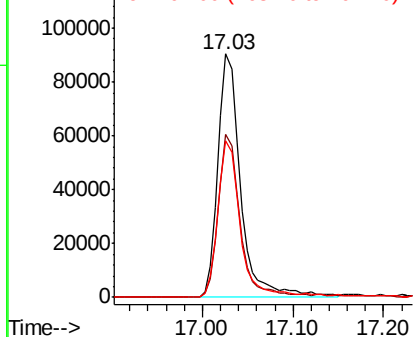


Abundance

Ion 265.70 (265.40 to 266.40): E

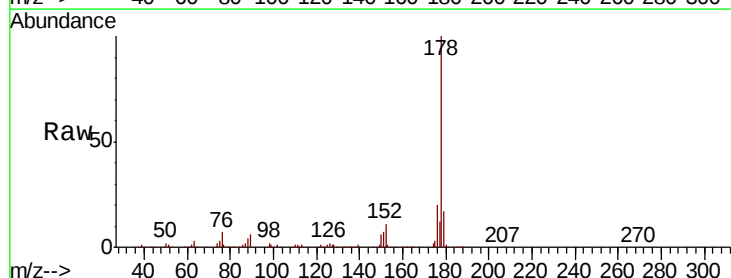
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 48.268 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	17.0	13.0	19.4

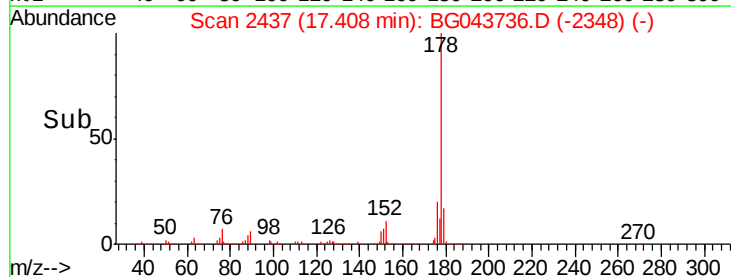
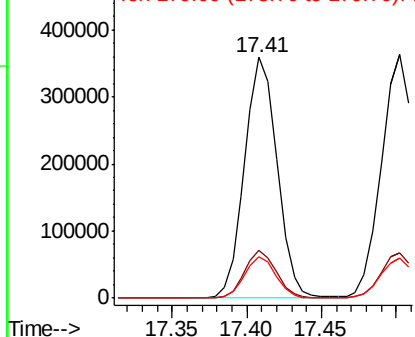


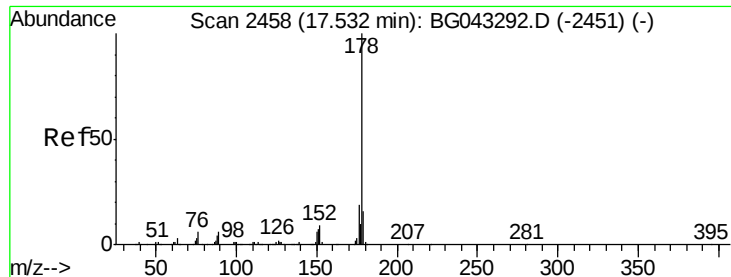
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 49.626 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

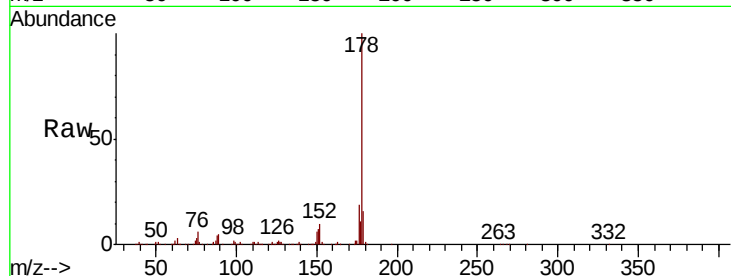
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 559310

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	16.4	13.3	19.9

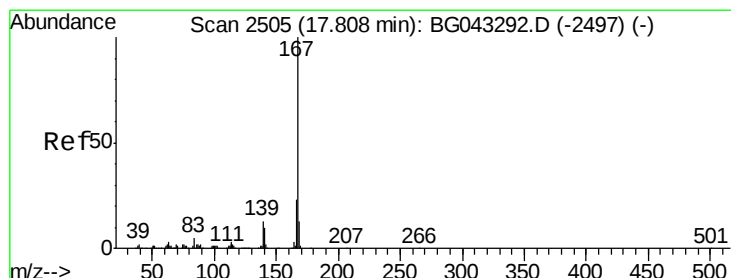
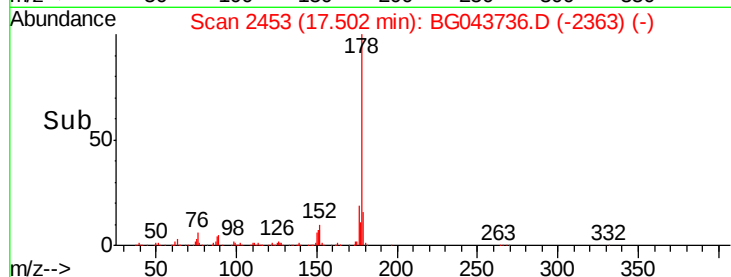
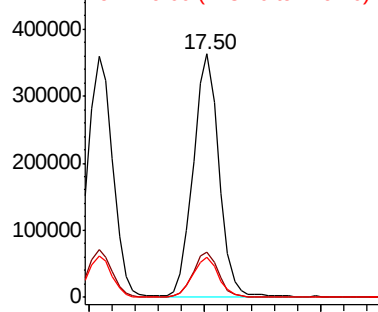


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 45.968 ng

RT: 17.78 min Scan# 2500

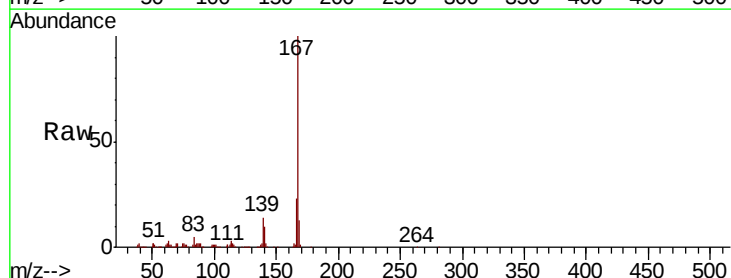
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:167 Resp: 469159

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	13.7	10.3	15.5

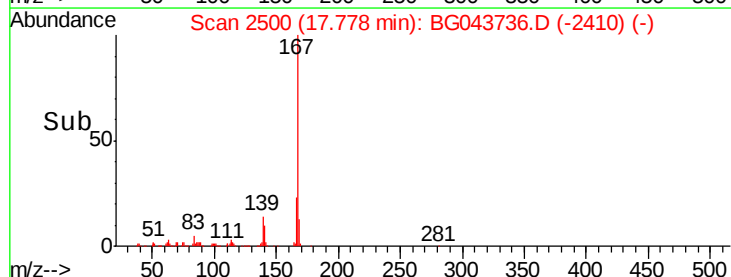
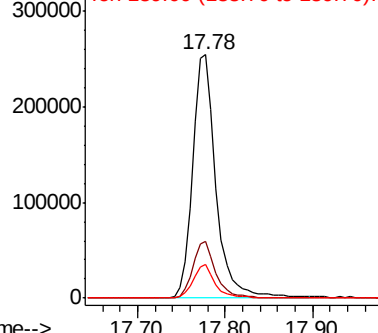


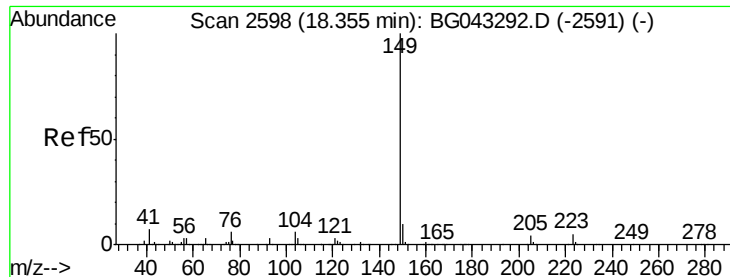
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.989 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

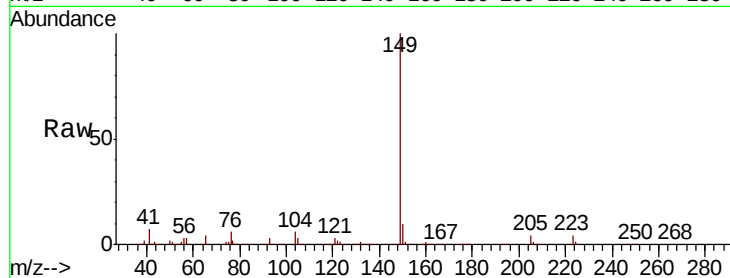
Tot Ion:149 Resp: 557142

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

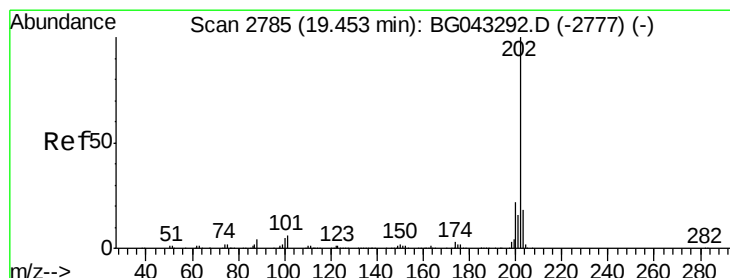
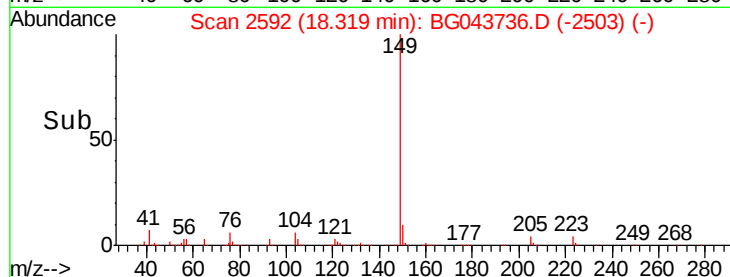
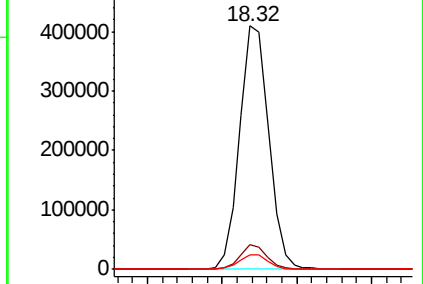
104 6.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 45.244 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

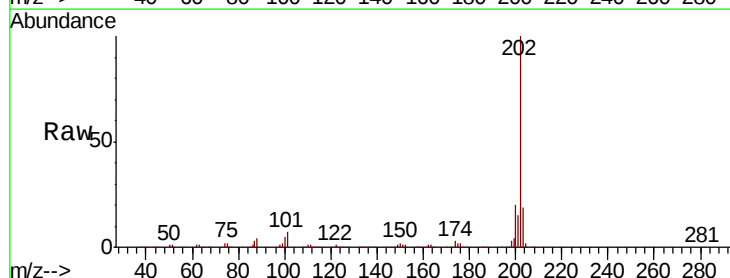
Tgt Ion:202 Resp: 664439

Ion Ratio Lower Upper

202 100

101 6.5 0.0 25.6

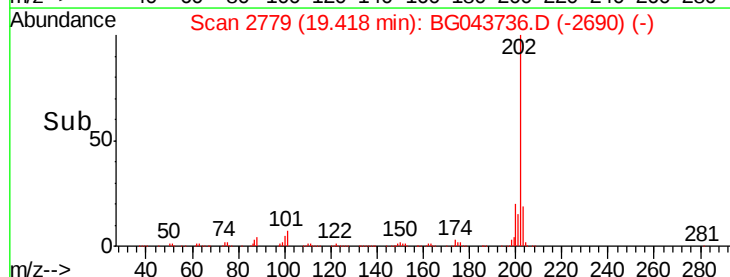
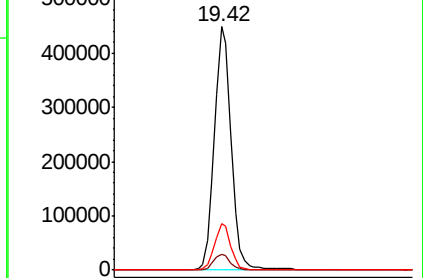
203 19.0 0.0 37.6

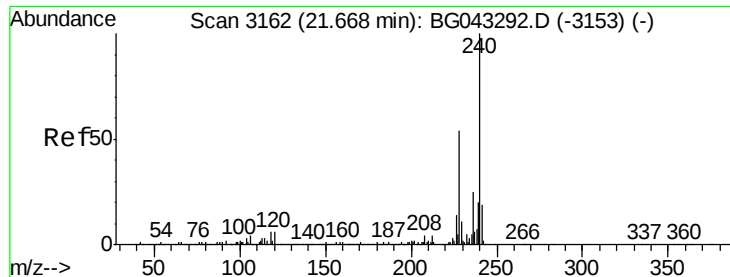


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

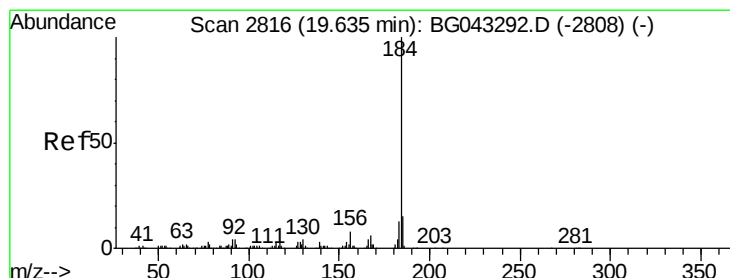
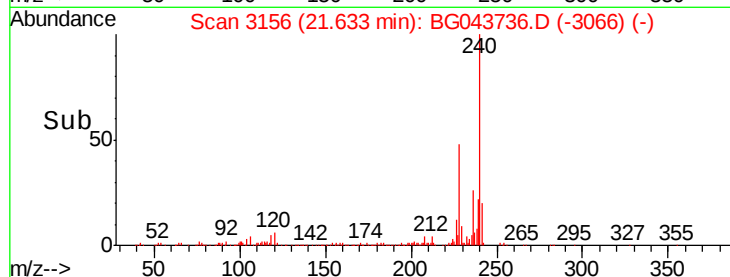
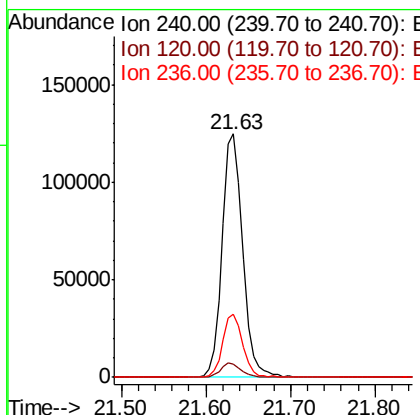
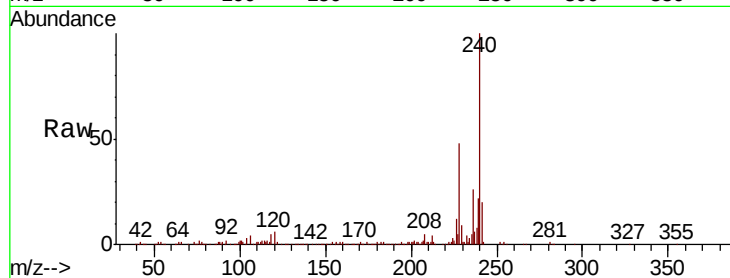




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

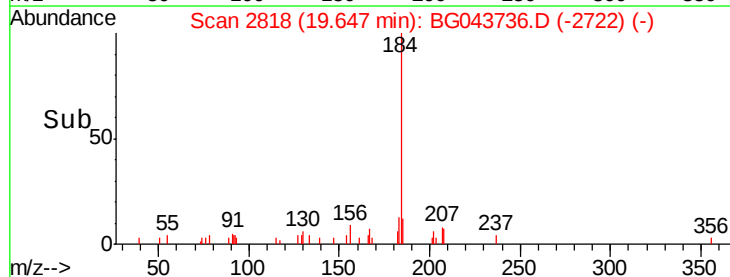
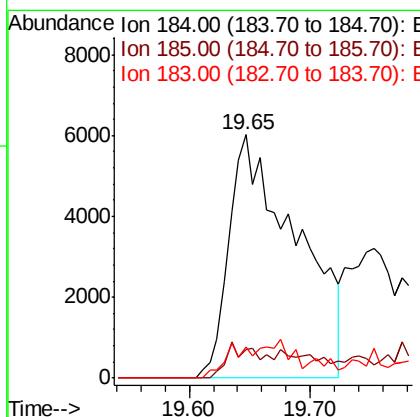
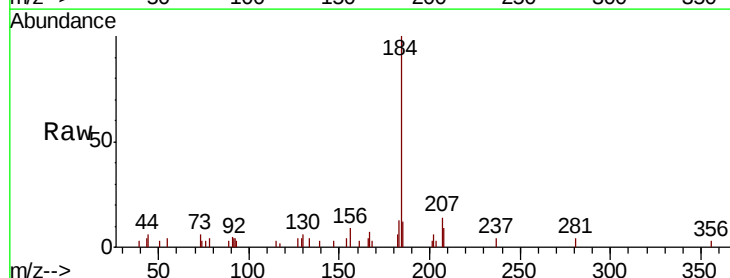
Instrument :
 BNA_G
 ClientSampleId :

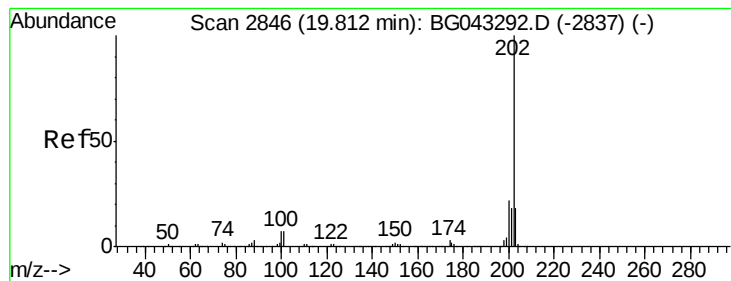
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.9	7.3
236	26.1	21.4	32.0



#77
 Benzidine
 Concen: 5.524 ng
 RT: 19.65 min Scan# 2818
 Delta R.T. 0.03 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	11.5	12.7	19.1#
183	12.6	8.8	13.2





#78

Pvrene

Concen: 50.997 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampled :

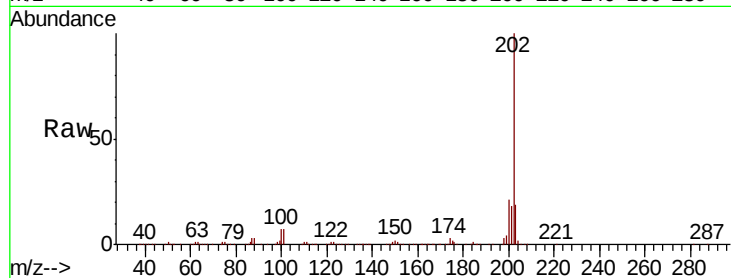
Tot Ion:202 Resp: 665256

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

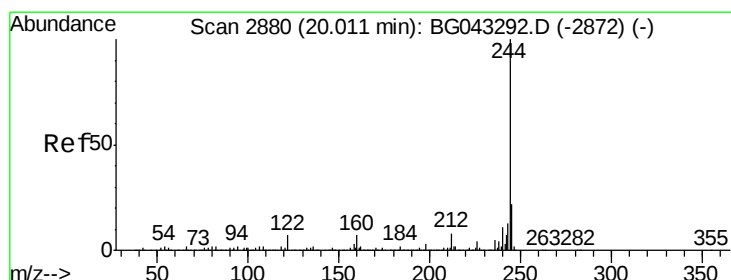
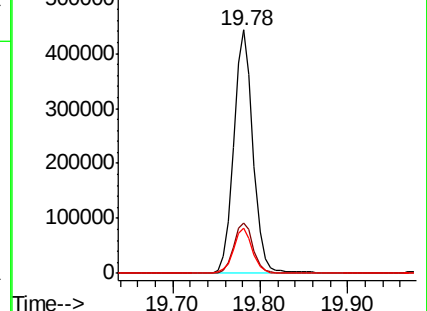
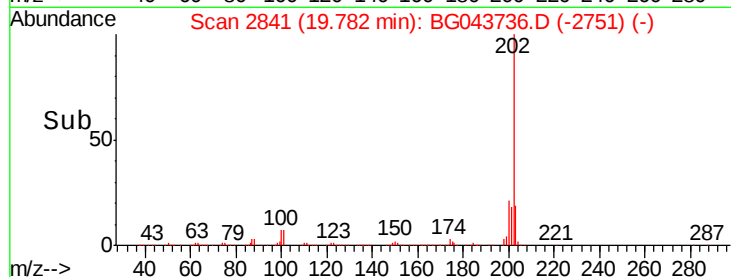
203 18.5 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 99.420 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

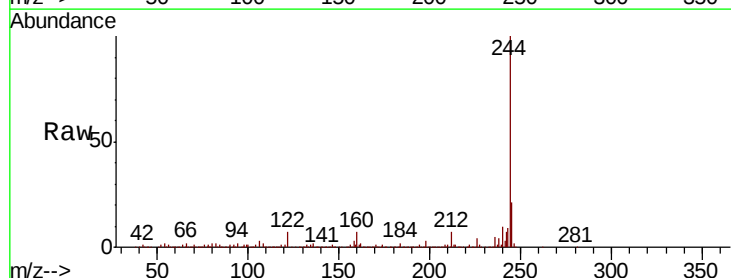
Tgt Ion:244 Resp: 1116832

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

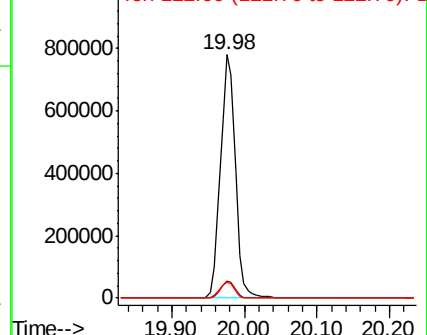
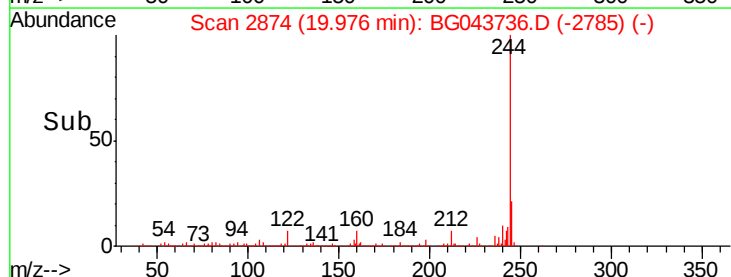
122 6.6 5.2 7.8

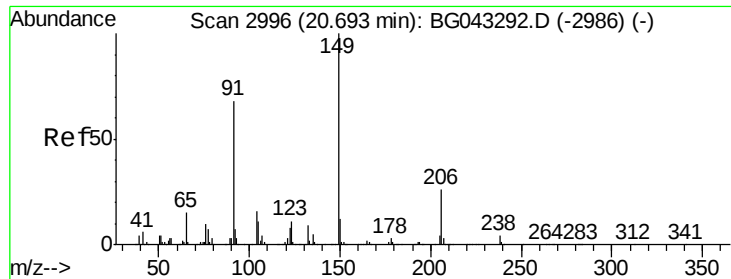


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

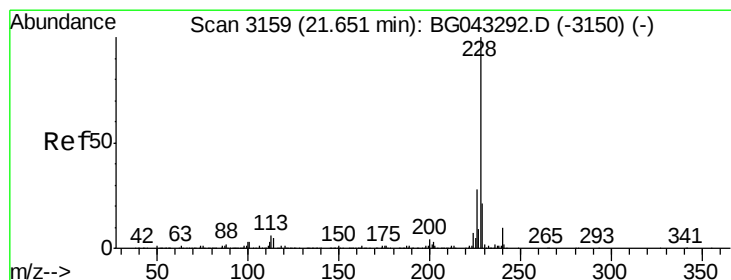
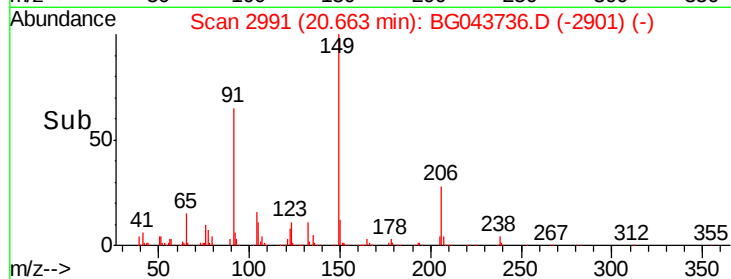
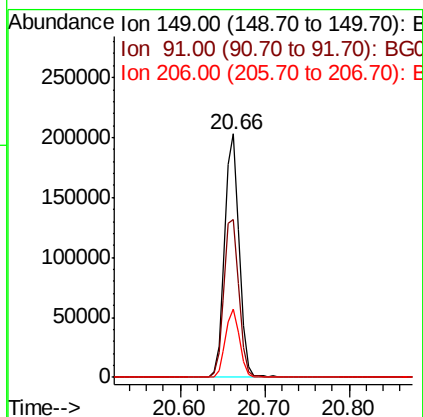
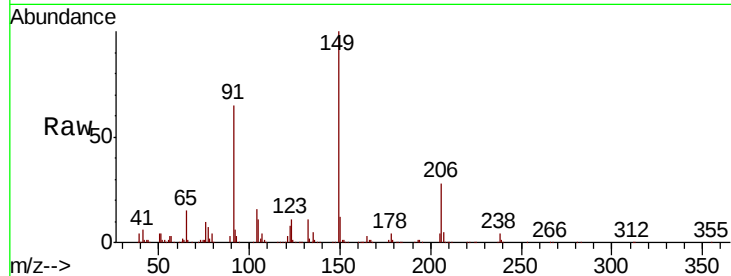




#80
Butylbenzylphthalate
Concen: 48.860 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

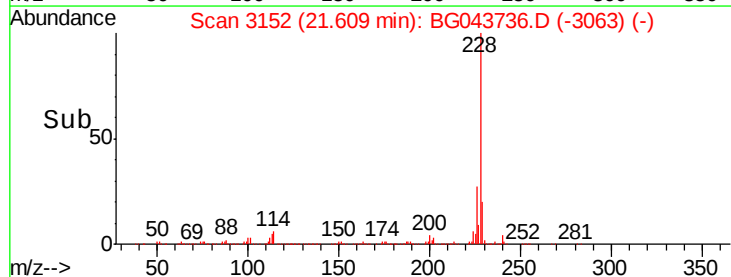
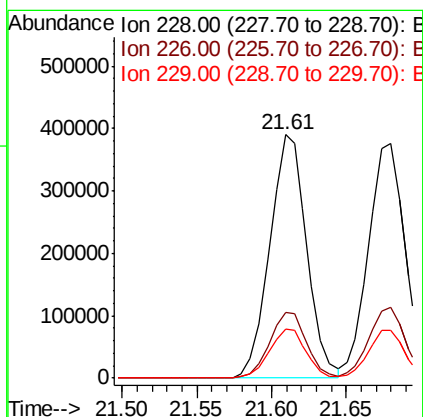
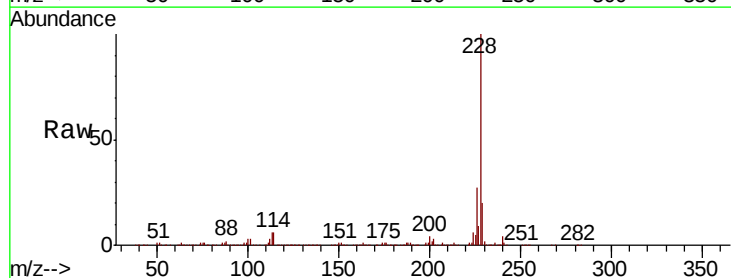
Instrument :
BNA_G
ClientSampleId :

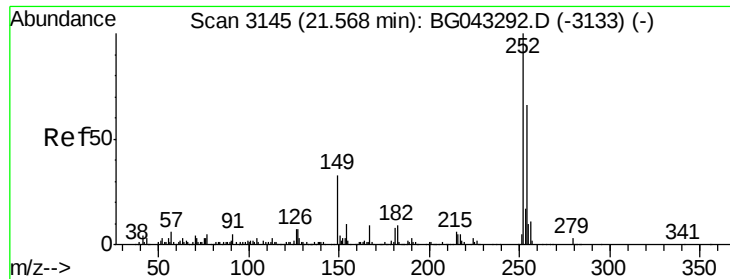
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	55.4	83.0
206	28.1	20.2	30.4



#81
Benzo(a)anthracene
Concen: 50.790 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	20.2	15.9	23.9

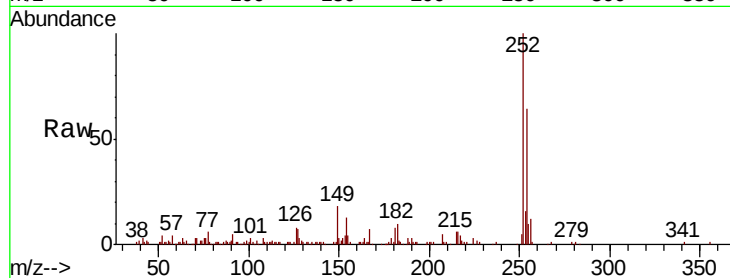




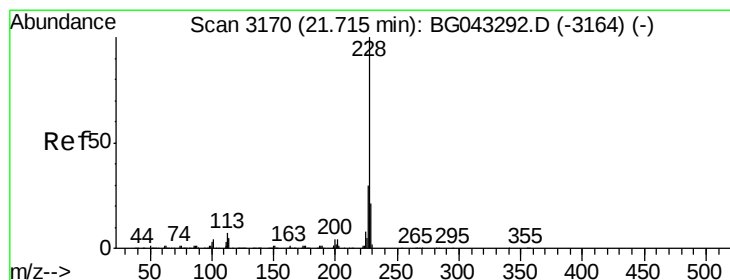
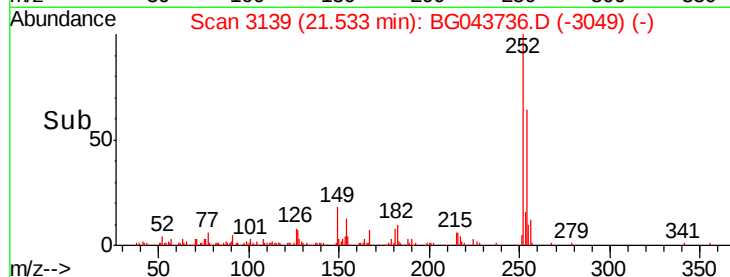
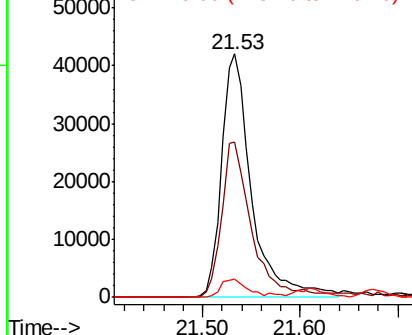
#82
 3,3'-Dichlorobenzidine
 Concen: 17.502 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.2	75.4
126	7.7	5.4	8.0

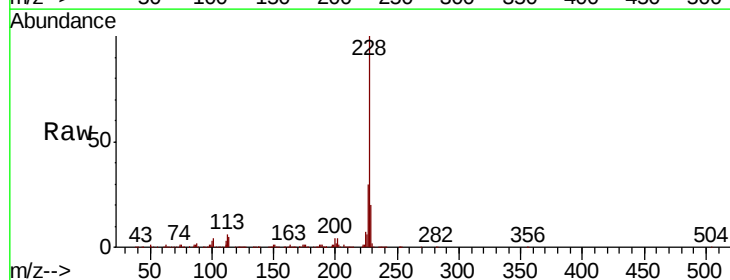


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

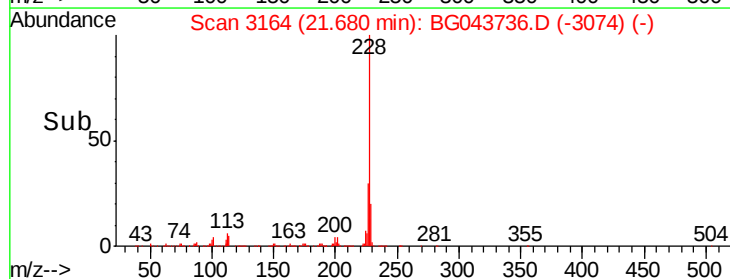
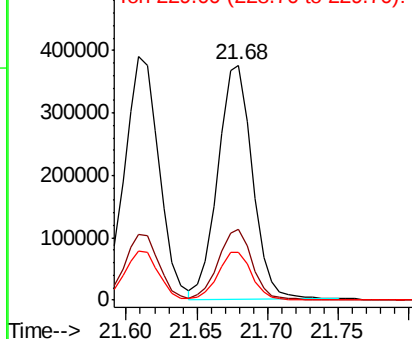


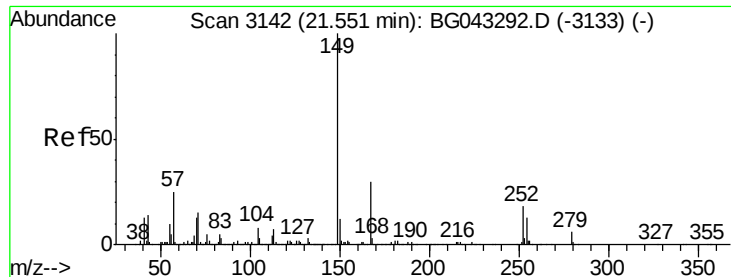
#83
 Chrysene
 Concen: 48.844 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.2	16.5	24.7



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.829 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

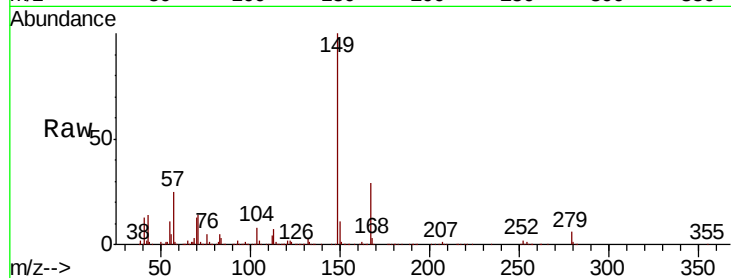
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 356848

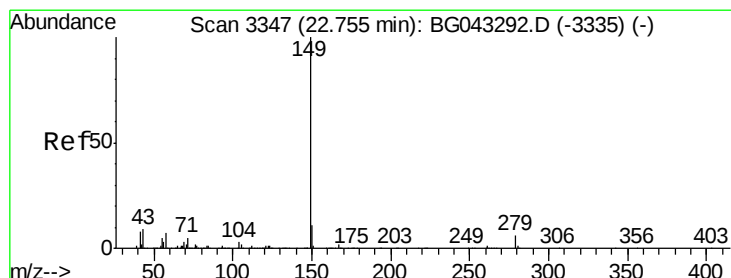
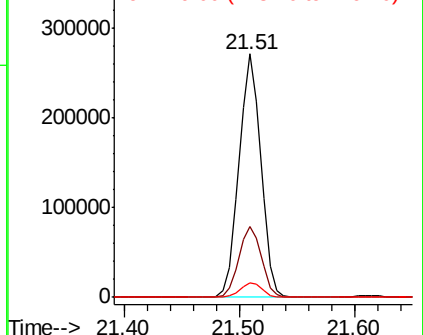
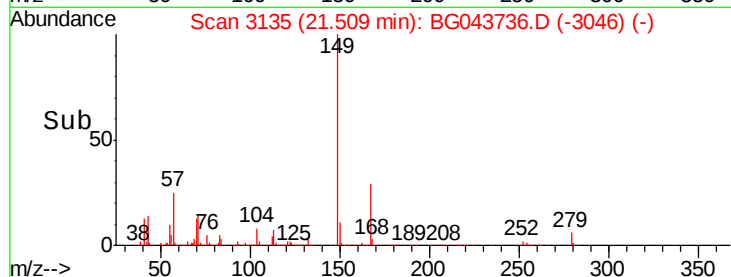
Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.8	37.2
279	6.0	5.4	8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.794 ng

RT: 22.70 min Scan# 3338

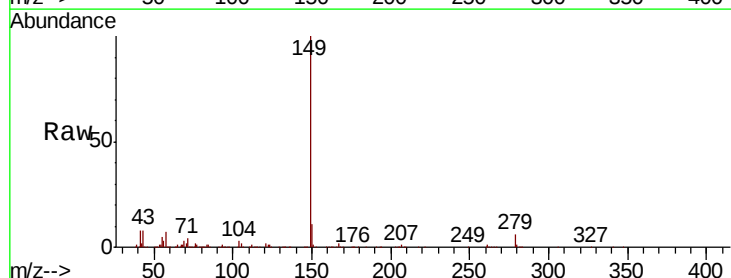
Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:149 Resp: 604991

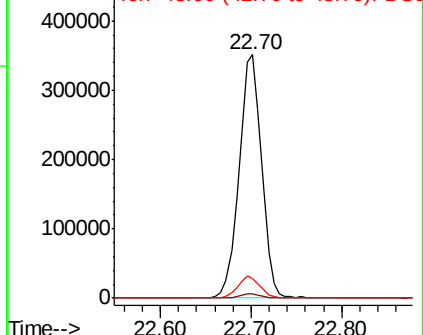
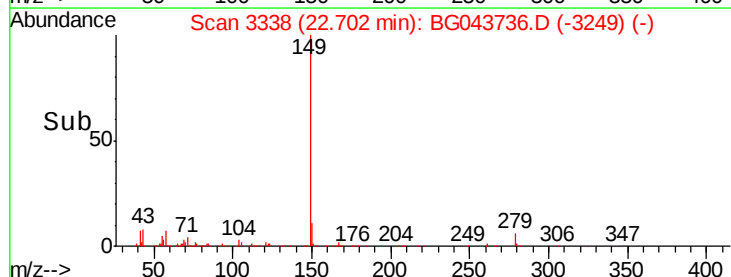
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.0	7.8	11.8

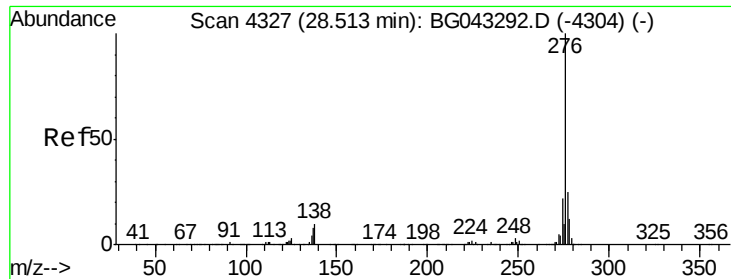


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

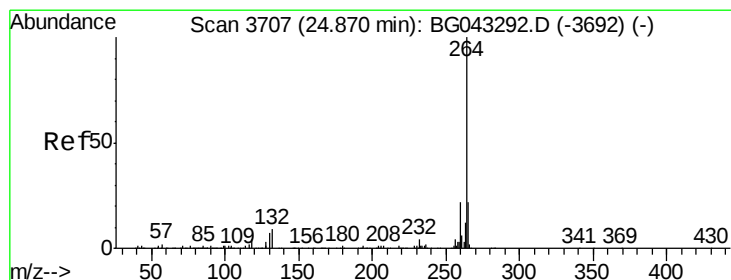
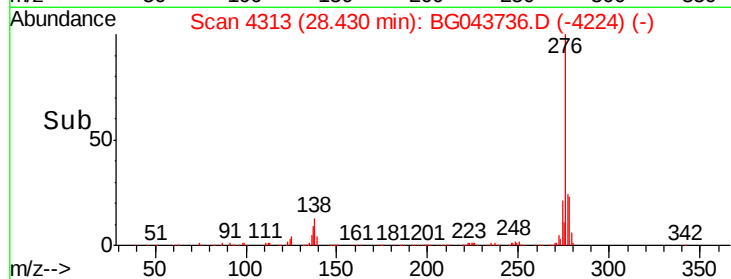
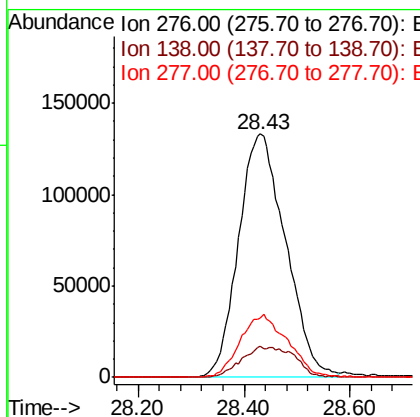
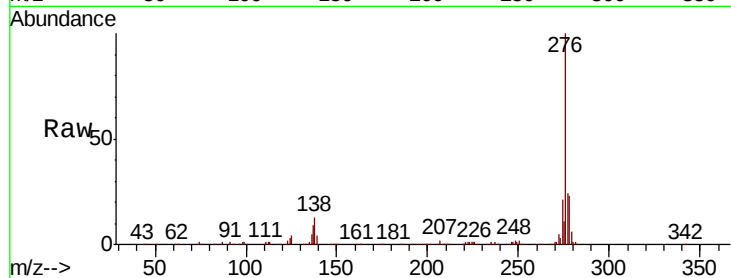




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 49.935 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

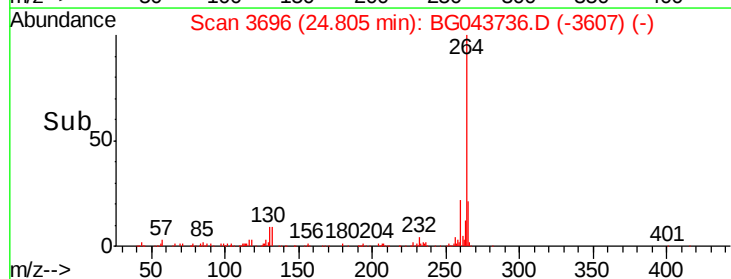
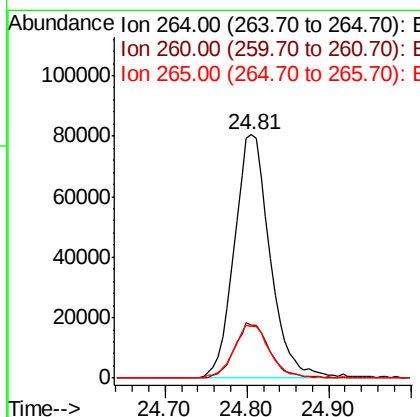
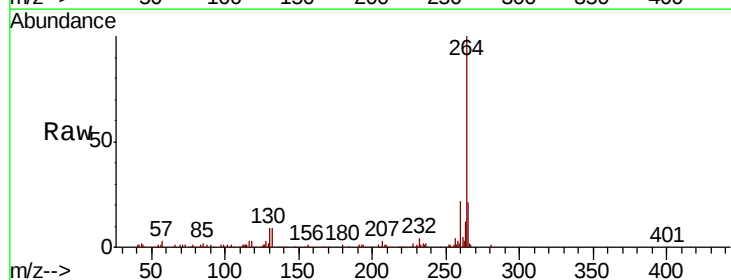
Instrument :
 BNA_G
 ClientSampleId :

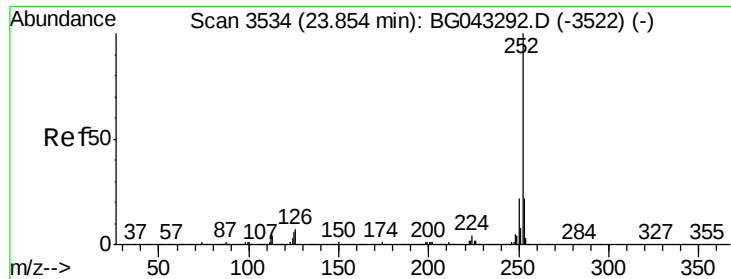
Tot Ion:276 Resp: 822143
 Ion Ratio Lower Upper
 276 100
 138 6.9 11.3 16.9#
 277 26.1 20.6 31.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3696
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion:264 Resp: 244649
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.4 27.6
 265 21.2 15.8 23.8

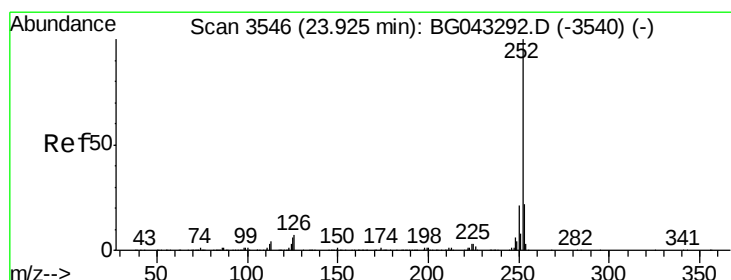
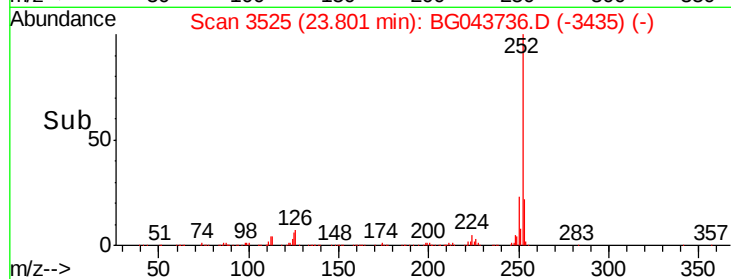
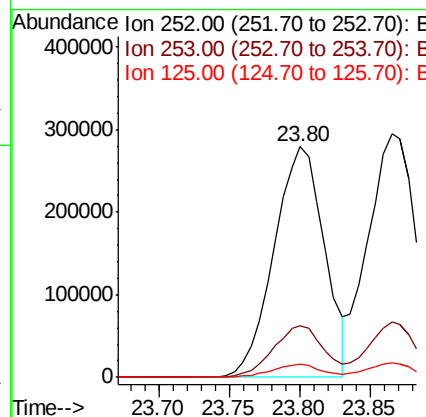
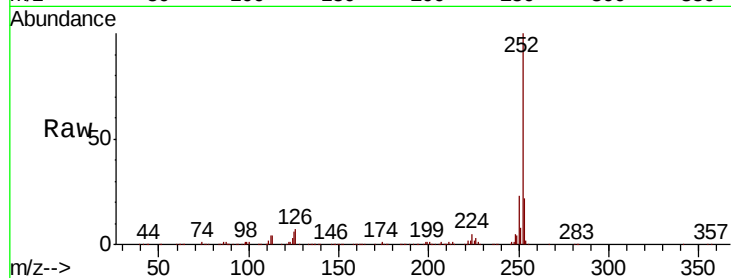




#88
Benzo(b)fluoranthene
Concen: 50.179 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

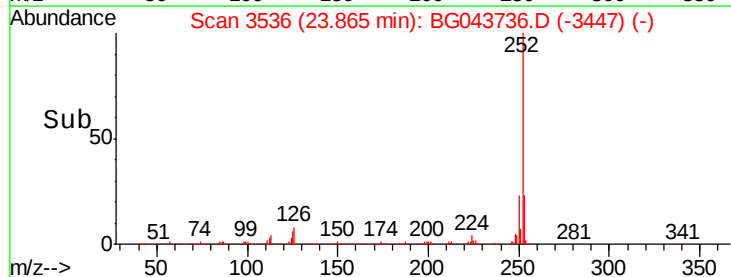
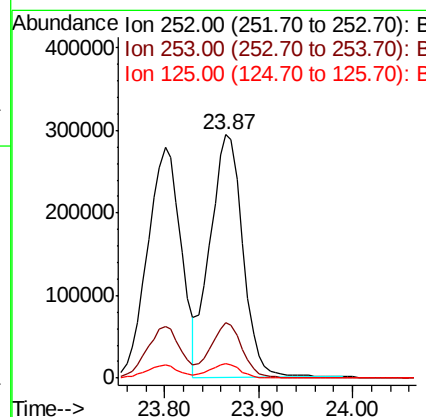
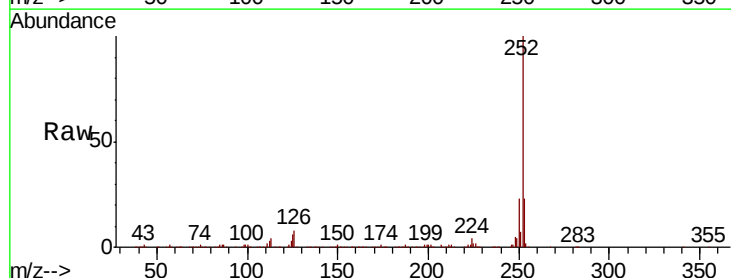
Instrument :
BNA_G
ClientSampleId :

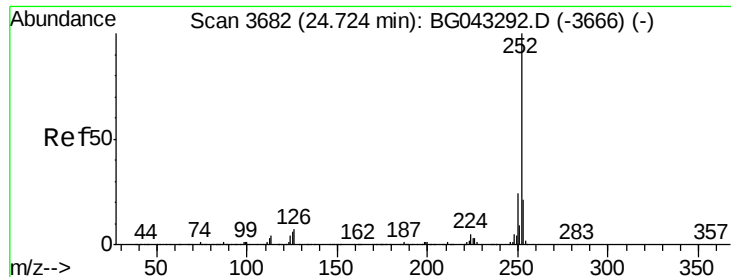
Tot Ion:252 Resp: 695286
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 5.6 4.5 6.7



#89
Benzo(k)fluoranthene
Concen: 51.442 ng
RT: 23.87 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion:252 Resp: 717562
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 5.8 4.7 7.1

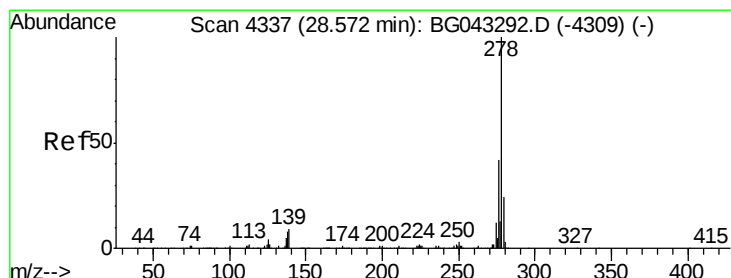
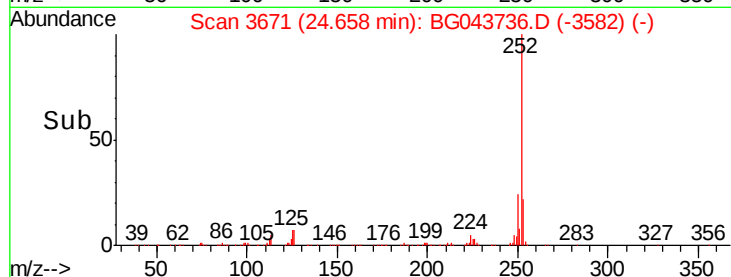
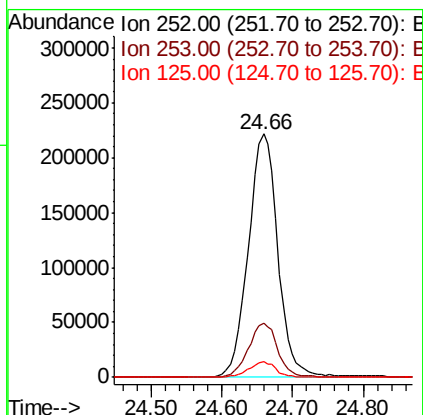
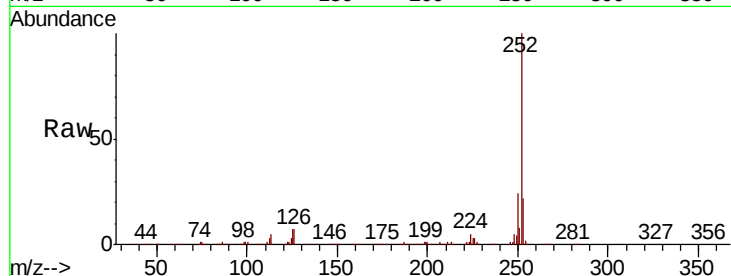




#90
Benzo(a)pyrene
Concen: 48.958 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

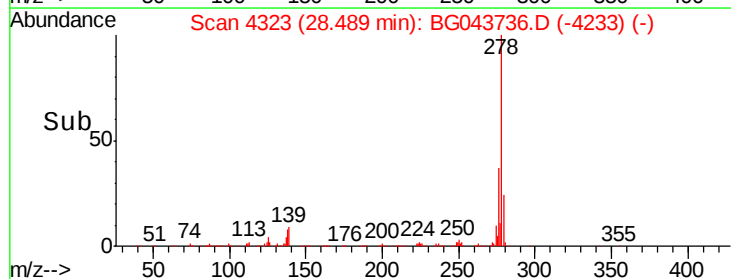
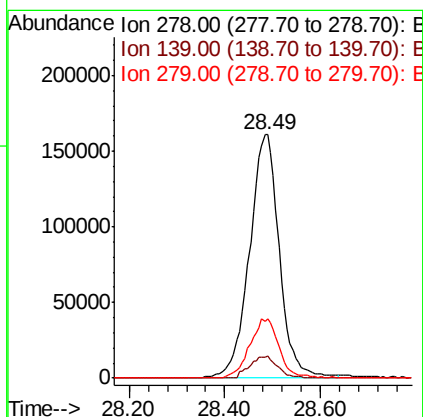
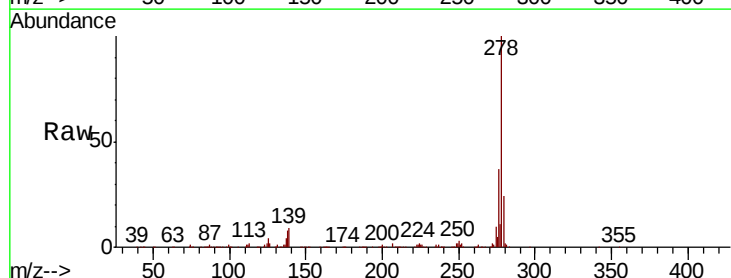
Instrument :
BNA_G
ClientSampleId :

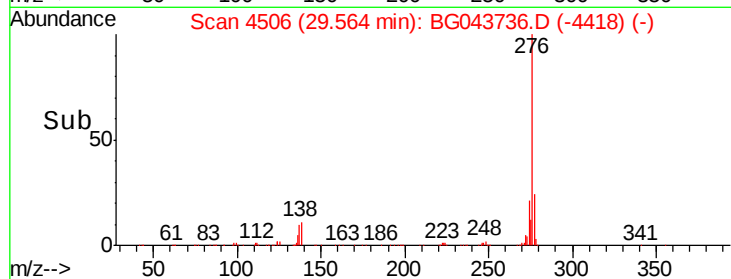
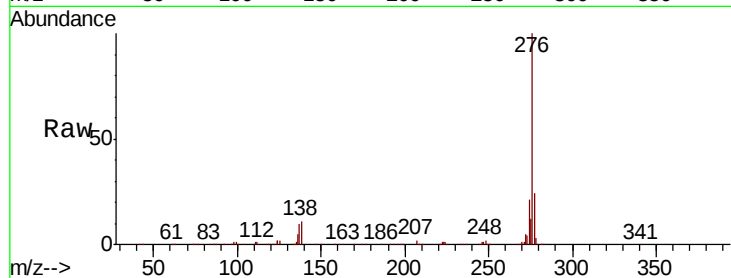
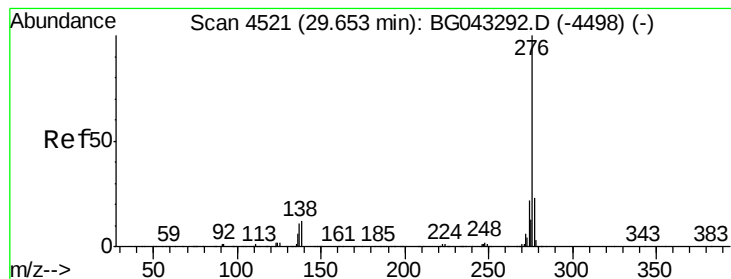
Tot Ion:252 Resp: 647794
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 6.6 5.0 7.6



#91
Dibenzo(a,h)anthracene
Concen: 51.503 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion:278 Resp: 697037
Ion Ratio Lower Upper
278 100
139 8.9 7.2 10.8
279 24.1 19.0 28.4





#92

Benzo(a,h,i)perylene

Concen: 51.588 ng

RT: 29.56 min Scan# 4506

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 688693

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 10.5 9.7 14.5

