

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043655.D
 Acq On : 15 Nov 2019 17:57
 Operator : JU
 Sample : PB124801BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Quant Time: Nov 16 01:11:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23986	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	100855	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	77125	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	186245	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	202832	20.00	ng	-0.02
87) Perylene-d12	24.82	264	233837	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	114214	87.26	ng	0.00
7) Phenol-d6	7.19	99	99551	52.86	ng	0.00
23) Nitrobenzene-d5	9.16	82	175557	89.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	191803	130.68	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	501923	89.93	ng	-0.02
79) Terphenyl-d14	19.99	244	1064142	98.43	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	12154	23.827	ng	# 90
3) Pyridine	3.85	79	32235	25.052	ng	99
4) n-Nitrosodimethylamine	3.76	42	20892	32.177	ng	# 92
6) Aniline	7.33	93	51578	23.774	ng	96
8) 2-Chlorophenol	7.57	128	73227	50.678	ng	94
9) Benzaldehyde	7.13	77	42079	45.465	ng	90
10) Phenol	7.22	94	34468	20.029	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	61209	46.004	ng	90
12) 1,3-Dichlorobenzene	7.88	146	65430	36.141	ng	96
13) 1,4-Dichlorobenzene	8.02	146	69944	38.186	ng	97
14) 1,2-Dichlorobenzene	8.35	146	67927	37.981	ng	98
15) Benzyl Alcohol	8.24	79	57545	43.508	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83418	43.117	ng	97
17) 2-Methylphenol	8.47	107	54350	43.322	ng	92
18) Hexachloroethane	9.08	117	22302	33.748	ng	88
19) n-Nitroso-di-n-propylamine	8.79	70	59370	48.786	ng	# 94
20) 3+4-Methylphenols	8.47	107	54350	31.593	ng	81
22) Acetophenone	8.82	105	117841	45.625	ng	# 91
24) Nitrobenzene	9.20	77	89018	47.767	ng	98
25) Isophorone	9.72	82	171038	47.821	ng	99
26) 2-Nitrophenol	9.91	139	47865	53.201	ng	97
27) 2,4-Dimethylphenol	9.99	122	60047	46.565	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	91006	46.102	ng	99
29) 2,4-Dichlorophenol	10.47	162	86235	52.193	ng	91
30) 1,2,4-Trichlorobenzene	10.66	180	81642	39.206	ng	95
31) Naphthalene	10.85	128	229468	44.824	ng	98
32) Benzoic acid	10.16	122	3991	12.338	ng	# 74
33) 4-Chloroaniline	10.98	127	32175	15.332	ng	96
34) Hexachlorobutadiene	11.13	225	52185	33.900	ng	95
35) Caprolactam	11.74	113	2987	5.249	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	95563	53.025	ng	99
37) 2-Methylnaphthalene	12.45	142	183856	46.807	ng	97
38) 1-Methylnaphthalene	12.67	142	180403	48.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121222	42.470	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79097	52.753	nq	97
43) 2,4,6-Trichlorophenol	13.07	196	80788	48.062	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	82491	48.542	nq	95
46) 1,1'-Biphenyl	13.46	154	265439	45.241	nq	99
47) 2-Chloronaphthalene	13.51	162	199369	44.659	nq	100
48) 2-Nitroaniline	13.72	65	64607	48.422	nq	96
49) Acenaphthylene	14.35	152	340777	49.047	nq	98
50) Dimethylphthalate	14.08	163	291415	48.782	nq	99
51) 2,6-Dinitrotoluene	14.20	165	64791	49.923	nq	98
52) Acenaphthene	14.69	154	200766	47.383	nq	98
53) 3-Nitroaniline	14.55	138	29813	23.793	nq	96
54) 2,4-Dinitrophenol	14.75	184	67179	82.631	nq	99
55) Dibenzofuran	15.03	168	340665	49.579	nq	99
56) 4-Nitrophenol	14.89	139	35074	41.771	nq	91
57) 2,4-Dinitrotoluene	14.99	165	94172	50.774	nq	# 97
58) Fluorene	15.67	166	286325	49.684	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	87219	48.307	nq	97
60) Diethylphthalate	15.44	149	292012	48.649	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	160474	47.733	nq	98
62) 4-Nitroaniline	15.71	138	59320	45.841	nq	95
63) Azobenzene	15.96	77	239832	49.370	nq	95
65) 4,6-Dinitro-2-methylphenol	15.76	198	53750	49.039	nq	91
66) n-Nitrosodiphenylamine	15.89	169	251522	47.834	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	118580	47.310	nq	97
68) Hexachlorobenzene	16.68	284	127662	44.372	nq	97
69) Atrazine	16.83	200	114869	62.870	nq	98
70) Pentachlorophenol	17.04	266	97220	74.158	nq	95
71) Phenanthrene	17.41	178	464332	48.687	nq	100
72) Anthracene	17.51	178	476838	49.972	nq	99
73) Carbazole	17.78	167	432067	50.002	nq	99
74) Di-n-butylphthalate	18.33	149	511362	48.772	nq	98
75) Fluoranthene	19.43	202	625209	50.284	nq	99
77) Benzidine	19.61	184	95969	23.510	nq	99
78) Pyrene	19.79	202	624455	49.737	nq	99
80) Butylbenzylphthalate	20.67	149	234058	49.207	nq	95
81) Benzo(a)anthracene	21.62	228	643418	50.642	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	163943	33.361	nq	98
83) Chrysene	21.68	228	620343	49.141	nq	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	346541	51.288	nq	100
85) Di-n-octyl phthalate	22.71	149	596521	52.037	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	812241	51.259	nq	99
88) Benzo(b)fluoranthene	23.82	252	688156	51.961	nq	100
89) Benzo(k)fluoranthene	23.88	252	685296	51.400	nq	97
90) Benzo(a)pyrene	24.68	252	627592	49.624	nq	98
91) Dibenzo(a,h)anthracene	28.51	278	691213	53.434	nq	98
92) Benzo(g,h,i)perylene	29.59	276	684154	53.617	nq	99

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

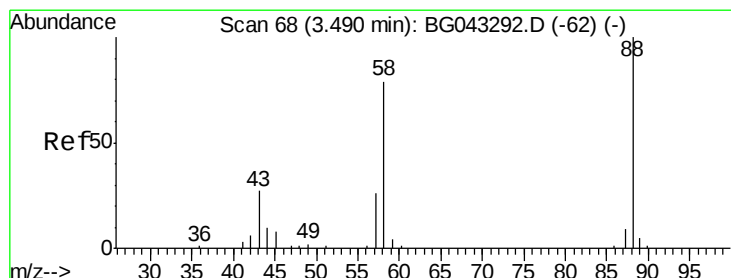
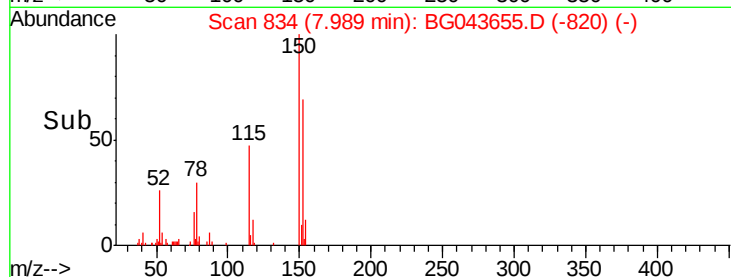
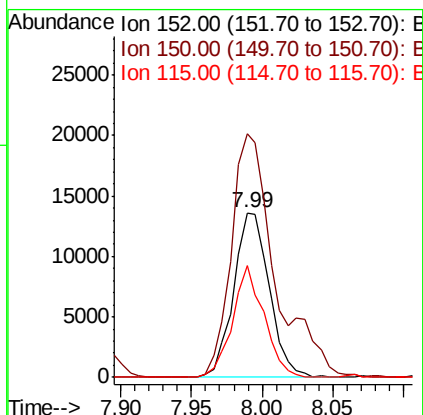
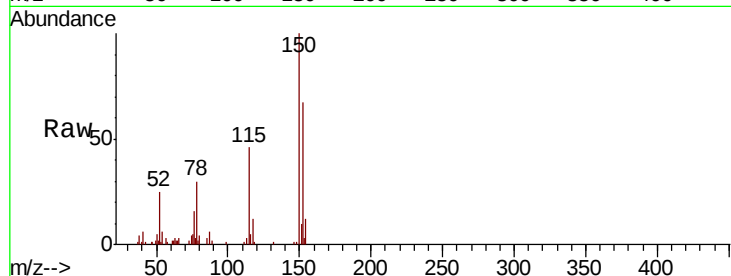


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
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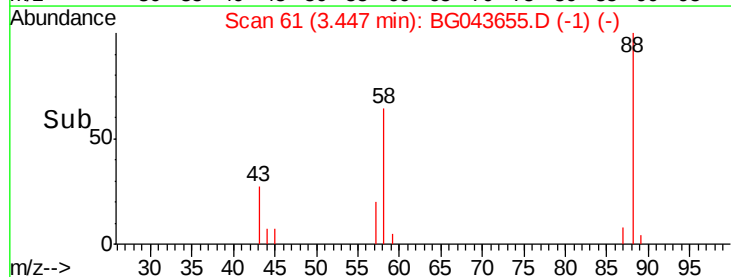
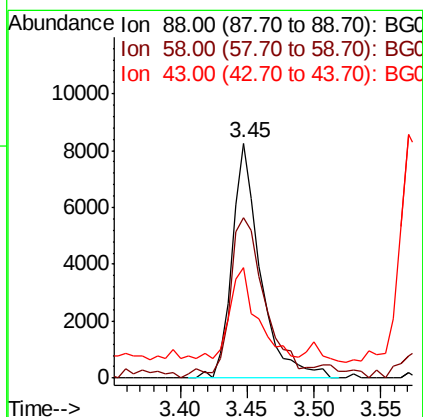
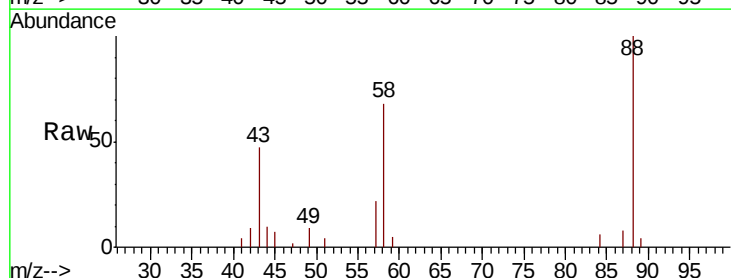
Tot Ion:152 Resp: 23986
Ion Ratio Lower Upper
152 100
150 148.2 129.4 194.0
115 67.9 48.8 73.2



#2

1,4-Dioxane
Concen: 23.827 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion: 88 Resp: 12154
Ion Ratio Lower Upper
88 100
58 86.9 62.7 94.1
43 36.2 23.7 35.5#





#3

Pvridine

Concen: 25.052 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

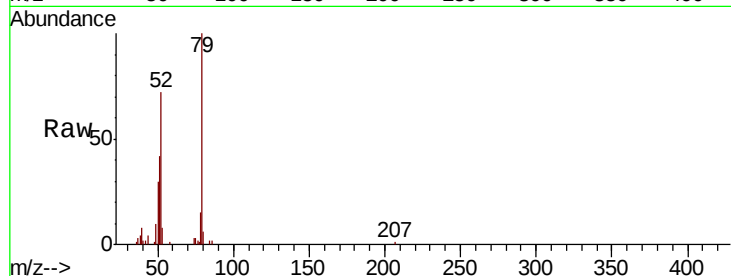
Tot Ion: 79 Resp: 32235

Ion Ratio Lower Upper

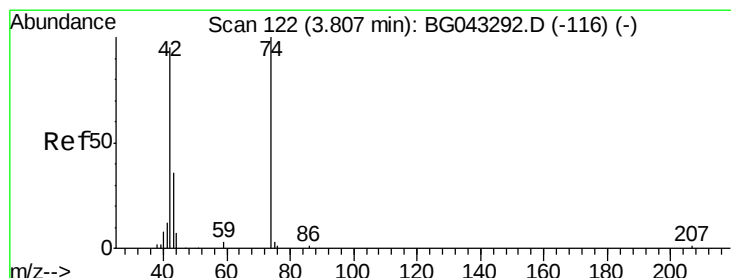
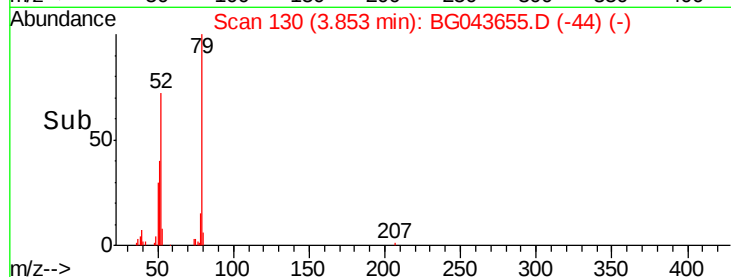
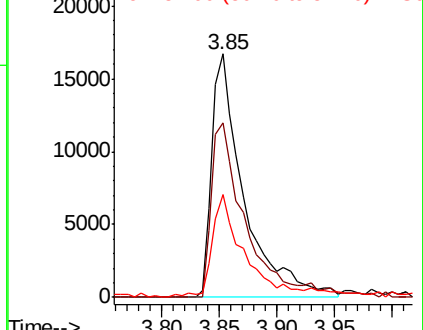
79 100

52 71.6 56.5 84.7

51 42.2 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.177 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

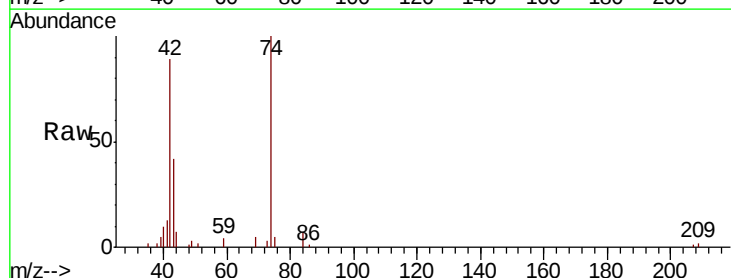
Tgt Ion: 42 Resp: 20892

Ion Ratio Lower Upper

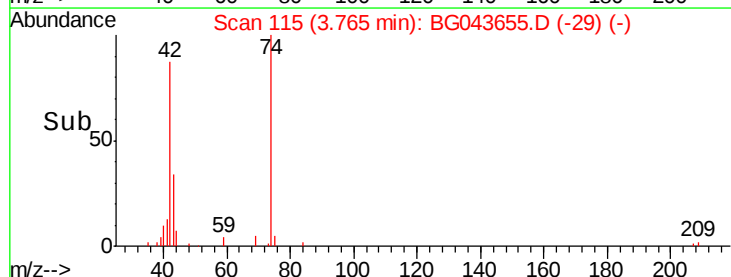
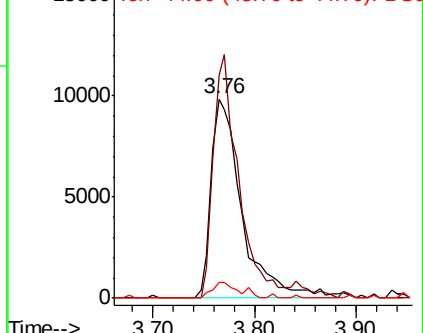
42 100

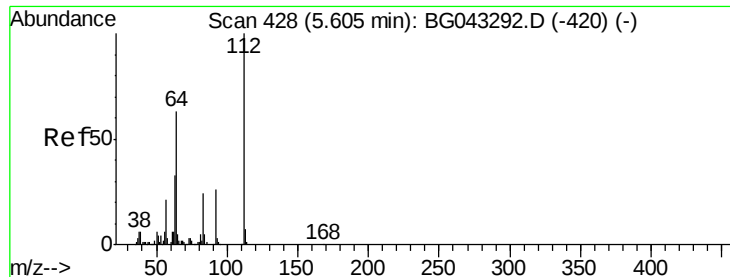
74 112.3 97.3 145.9

44 8.0 4.4 6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 87.256 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

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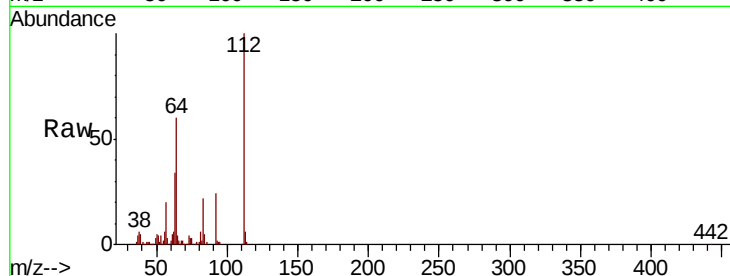
Tot Ion:112 Resp: 114214

Ion Ratio Lower Upper

112 100

64 59.6 50.0 75.0

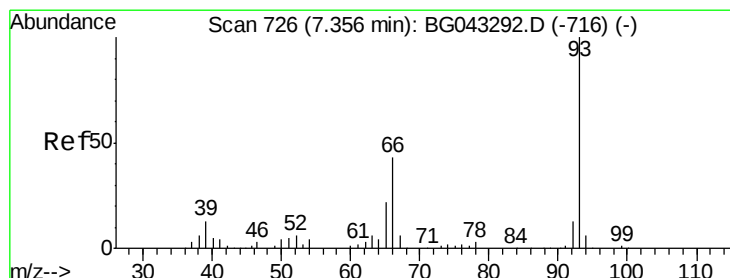
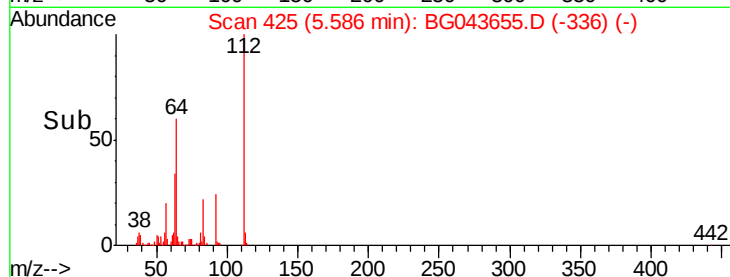
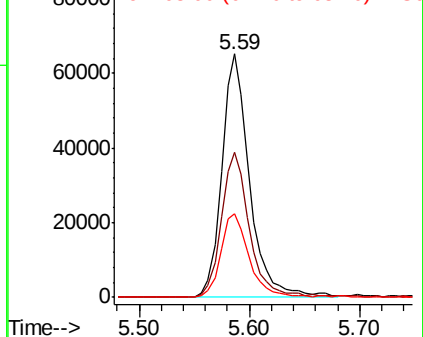
63 34.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.774 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

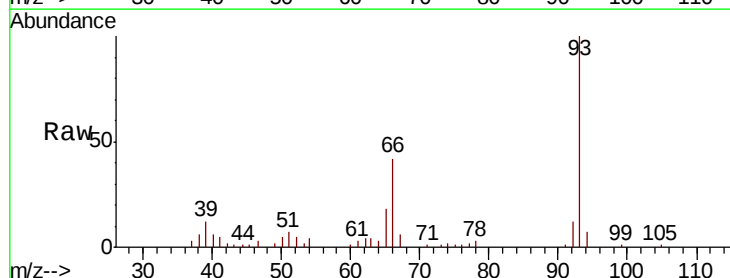
Tgt Ion: 93 Resp: 51578

Ion Ratio Lower Upper

93 100

66 42.5 32.3 48.5

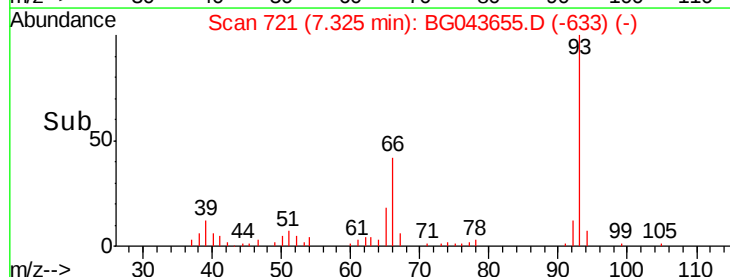
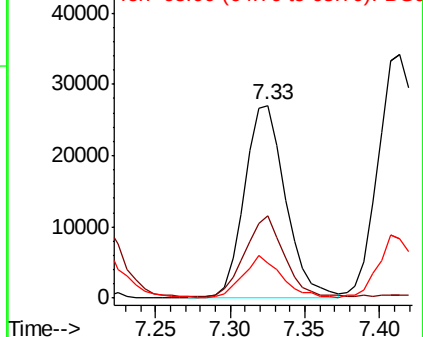
65 17.8 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 52.860 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

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ClientSampleId :

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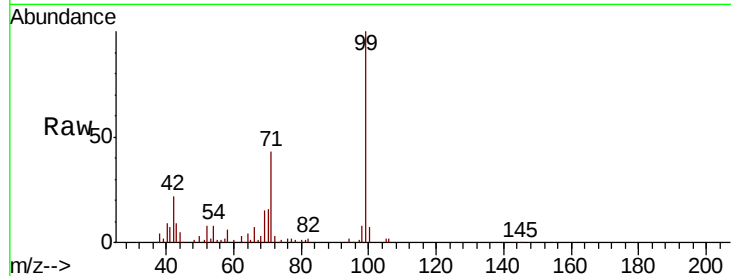
Tot Ion: 99 Resp: 99551

Ion Ratio Lower Upper

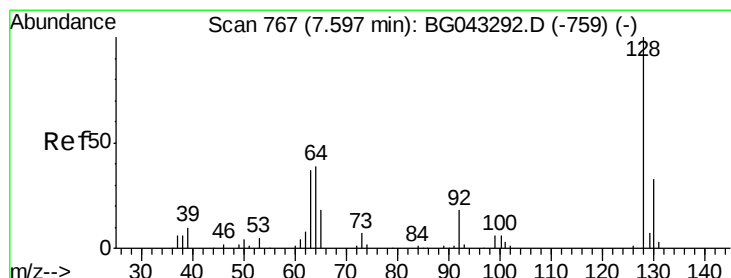
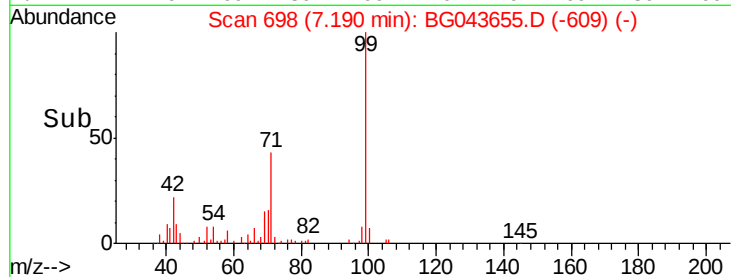
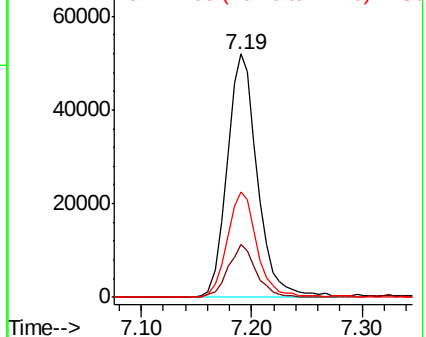
99 100

42 21.6 14.6 21.8

71 43.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 50.678 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

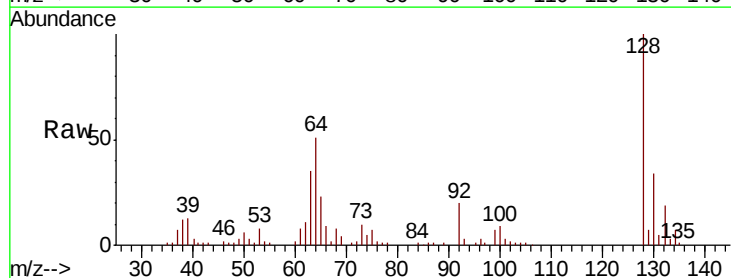
Tgt Ion: 128 Resp: 73227

Ion Ratio Lower Upper

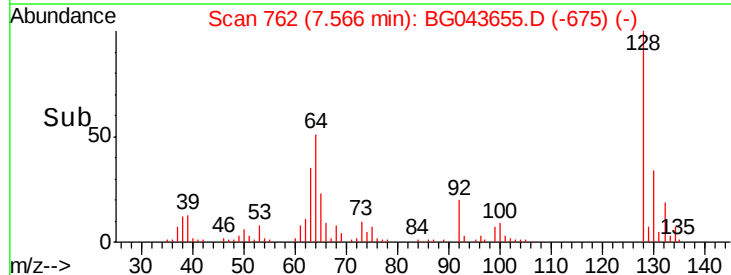
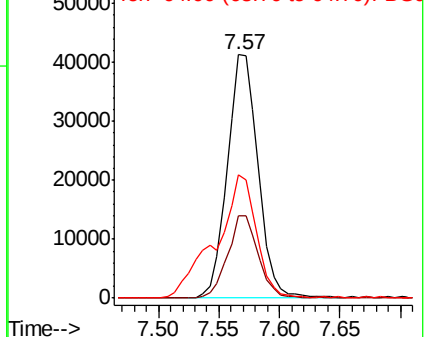
128 100

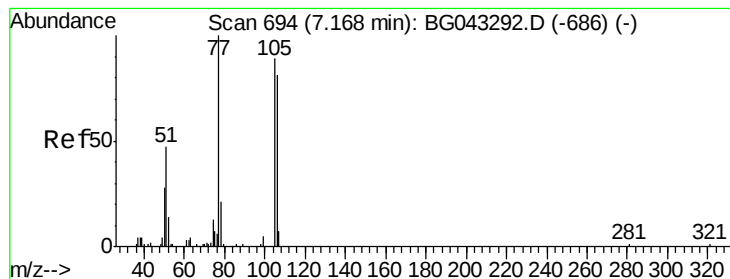
130 33.6 12.5 52.5

64 50.9 25.3 65.3



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





#9

Benzaldehyde

Concen: 45.465 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

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ClientSampleId :

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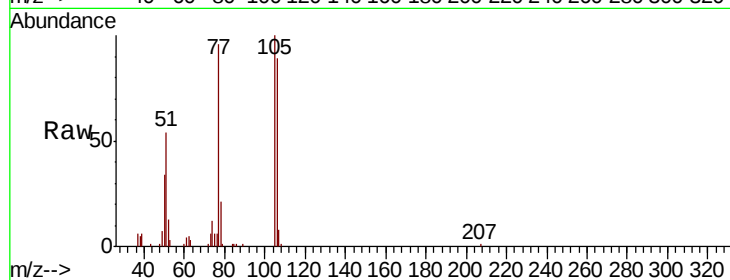
Tot Ion: 77 Resp: 42079

Ion Ratio Lower Upper

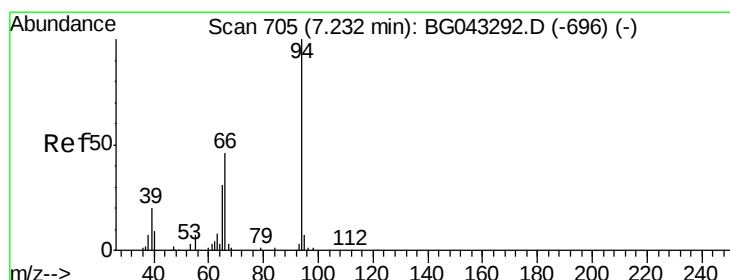
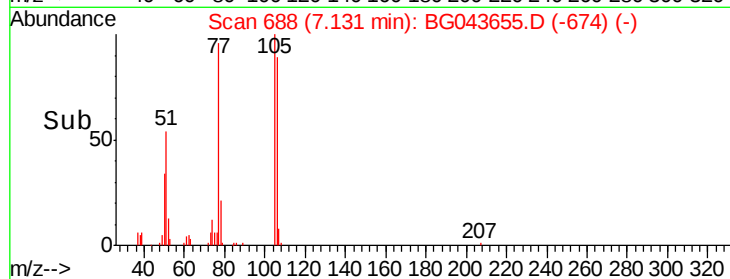
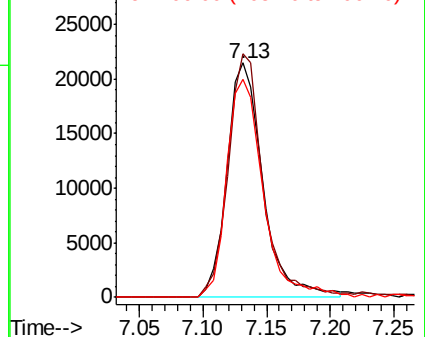
77 100

105 104.0 68.6 108.6

106 93.0 69.9 109.9



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



#10

Phenol

Concen: 20.029 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

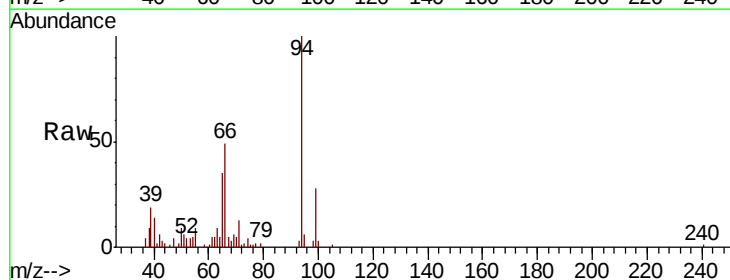
Tgt Ion: 94 Resp: 34468

Ion Ratio Lower Upper

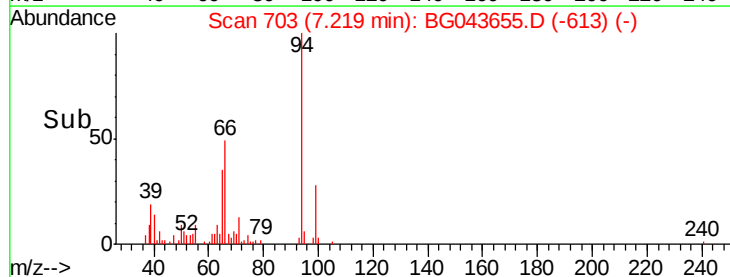
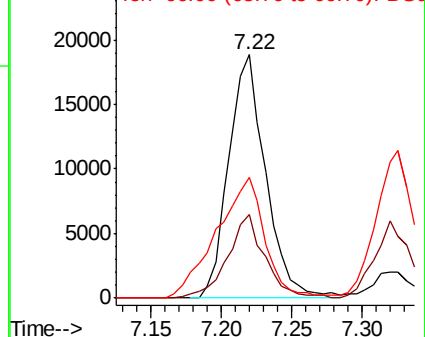
94 100

65 34.5 12.6 52.6

66 49.3 30.7 70.7



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

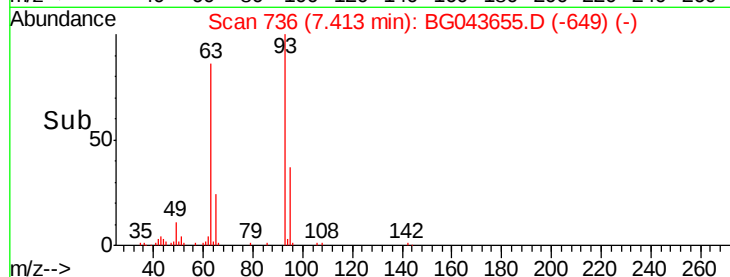
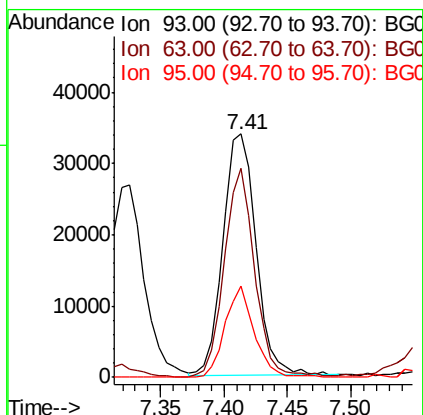
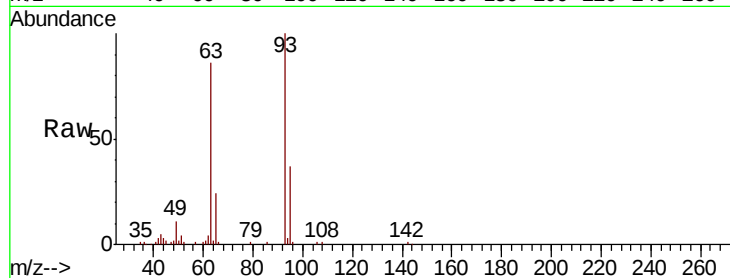




#11
bis(2-Chloroethyl)ether
Concen: 46.004 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

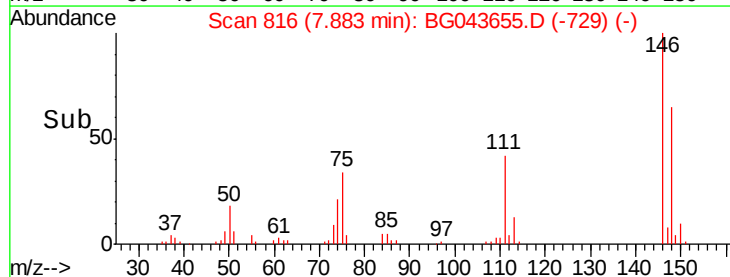
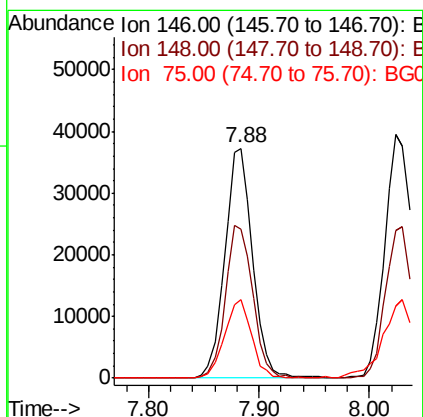
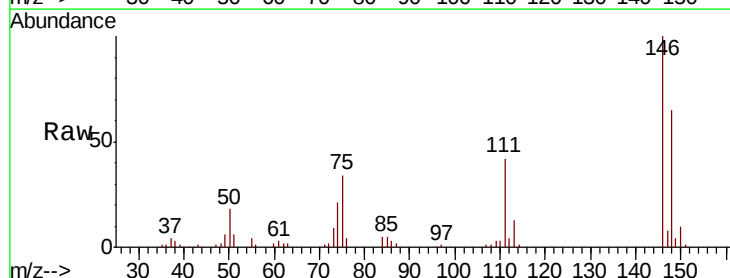
Instrument :
BNA_G
ClientSampleId :
PB124801BS

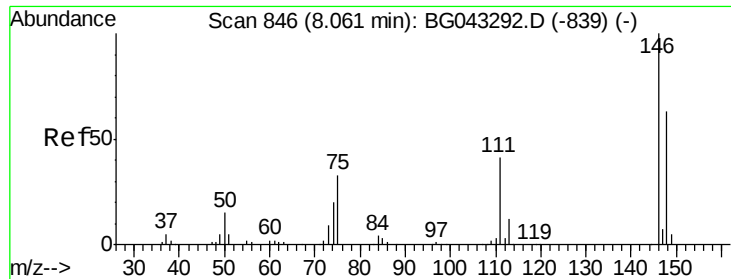
Tot Ion: 93 Resp: 61209
Ion Ratio Lower Upper
93 100
63 85.7 56.3 96.3
95 37.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.141 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion: 146 Resp: 65430
Ion Ratio Lower Upper
146 100
148 64.8 50.3 75.5
75 34.4 24.6 37.0

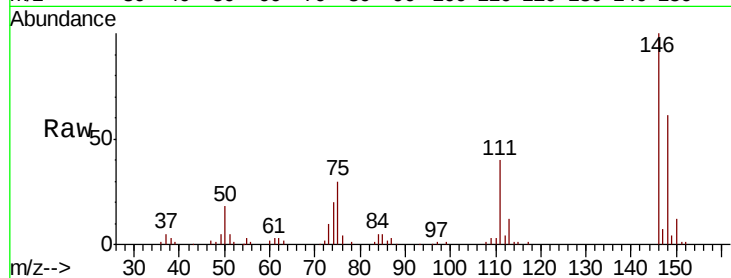




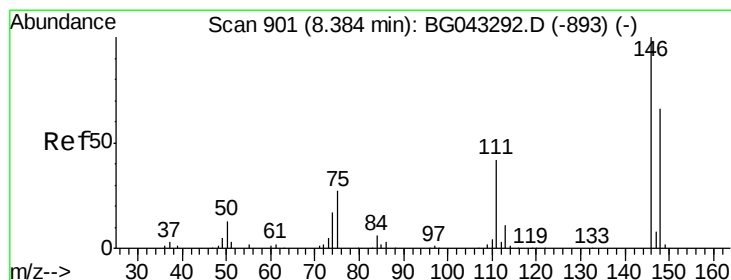
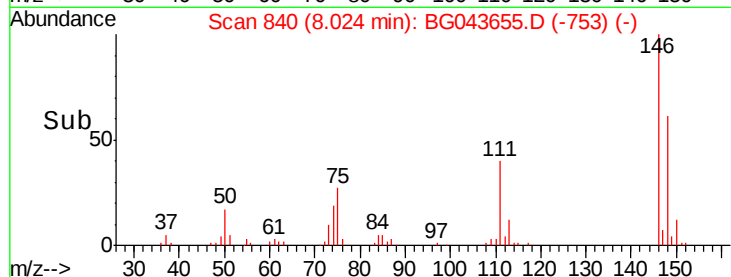
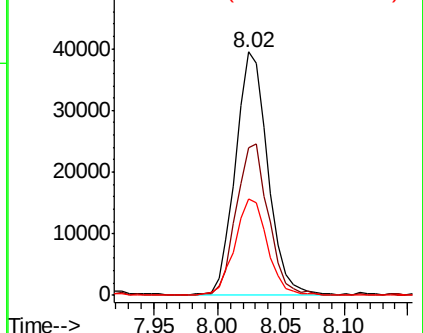
#13
 1,4-Dichlorobenzene
 Concen: 38.186 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:146 Resp: 69944
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.7 76.1
 111 39.7 33.4 50.2

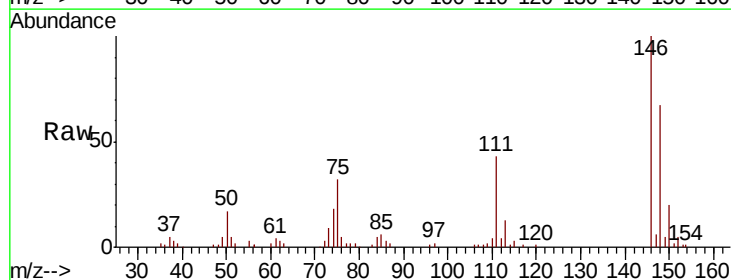


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

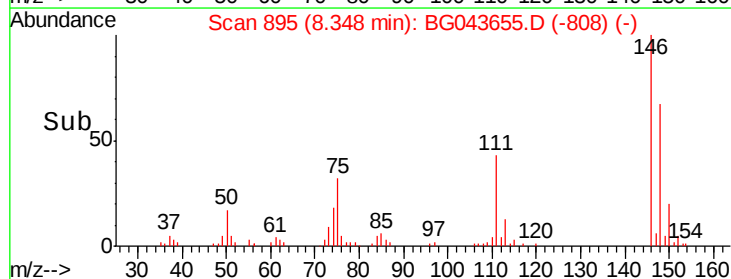
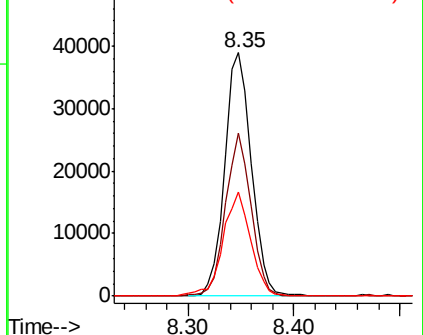


#14
 1,2-Dichlorobenzene
 Concen: 37.981 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion:146 Resp: 67927
 Ion Ratio Lower Upper
 146 100
 148 67.1 53.2 79.8
 111 42.8 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 43.508 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

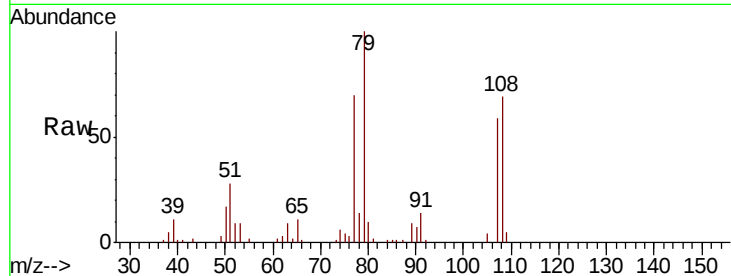
Tot Ion: 79 Resp: 57545

Ion Ratio Lower Upper

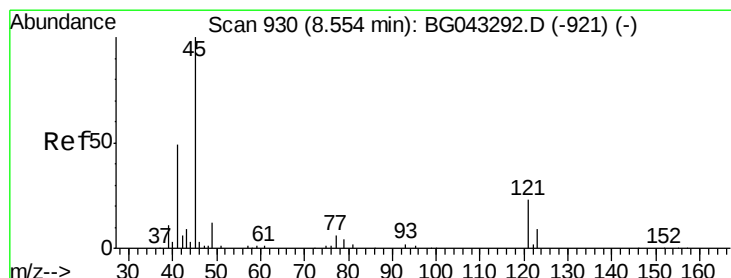
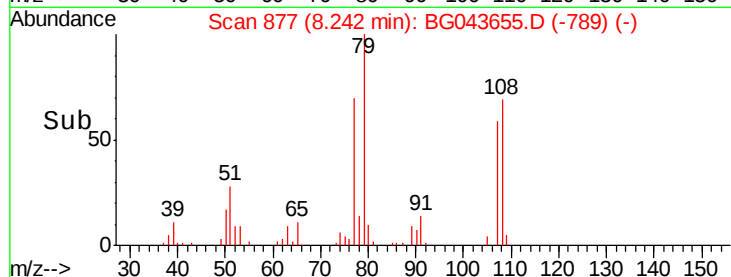
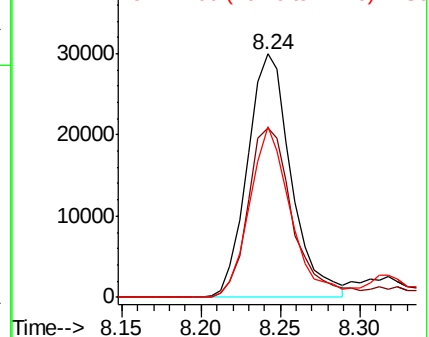
79 100

108 69.4 53.6 80.4

77 69.9 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.117 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

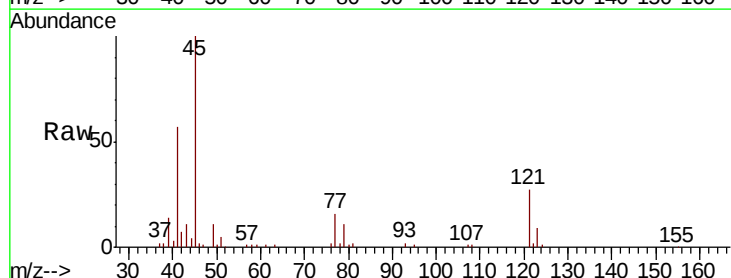
Tgt Ion: 45 Resp: 83418

Ion Ratio Lower Upper

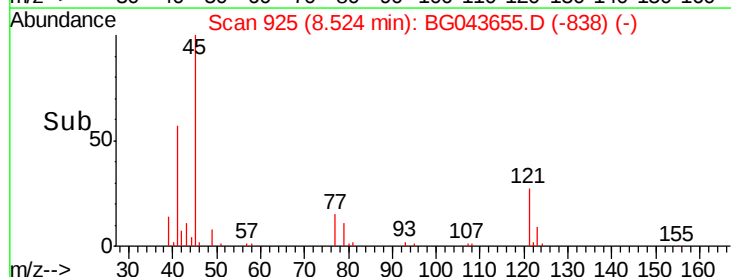
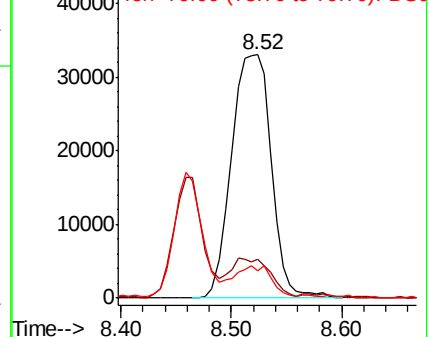
45 100

77 16.0 0.0 34.9

79 11.2 0.0 33.0



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





#17

2-Methylphenol

Concen: 43.322 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion:107 Resp: 54350

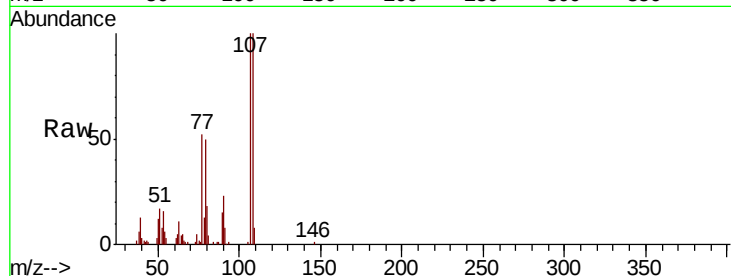
Ion Ratio Lower Upper

107 100

108 100.1 90.2 135.4

77 51.6 40.2 60.2

79 49.9 44.0 66.0

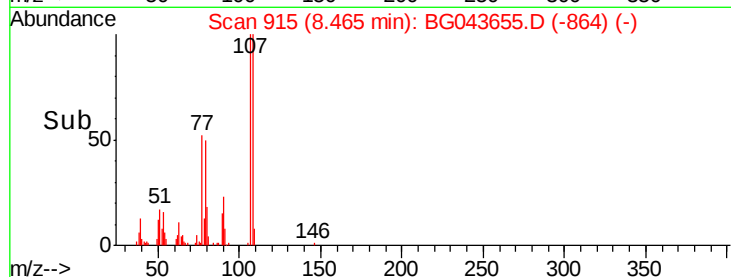


Abundance Ion 107.00 (106.70 to 107.70): E

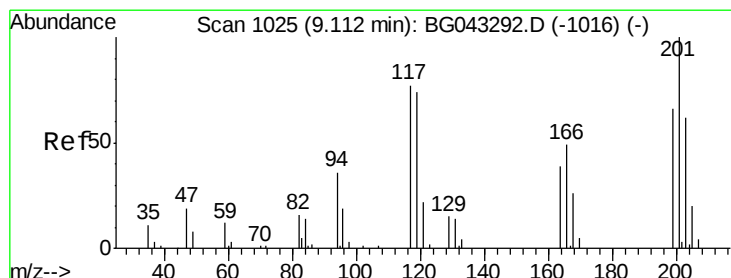
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 33.748 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

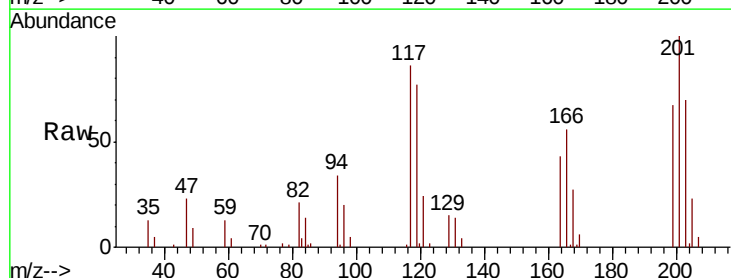
Tgt Ion:117 Resp: 22302

Ion Ratio Lower Upper

117 100

119 89.2 79.0 118.4

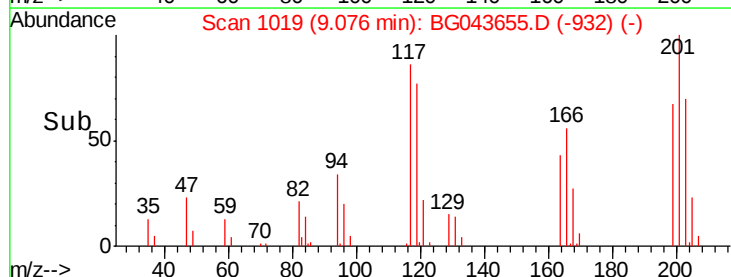
201 116.0 105.4 158.2



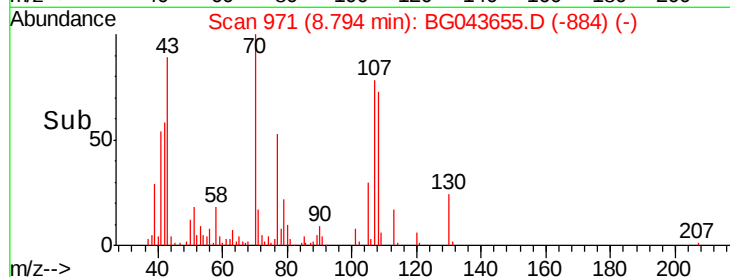
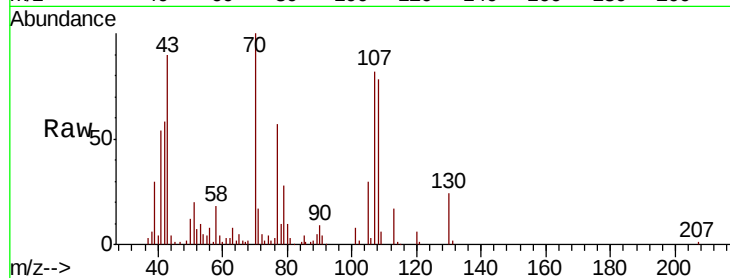
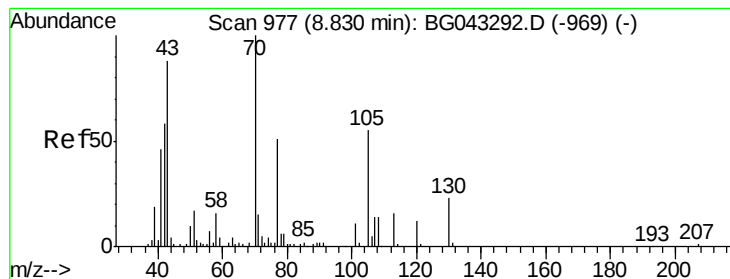
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 48.786 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

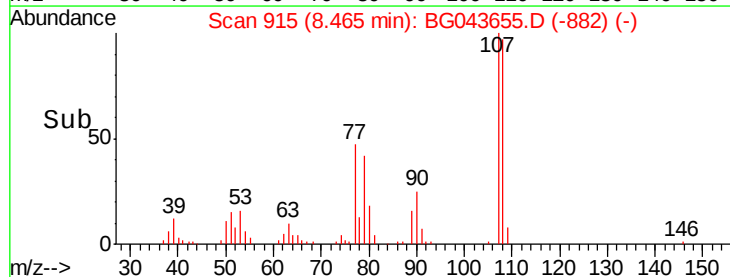
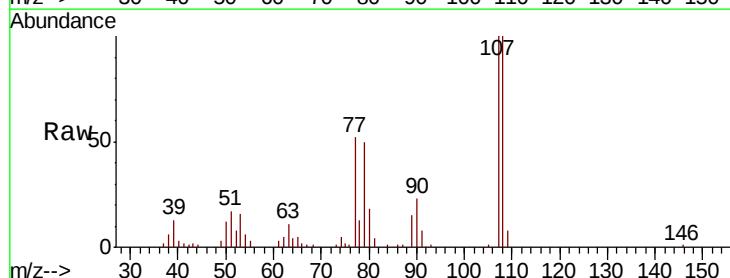
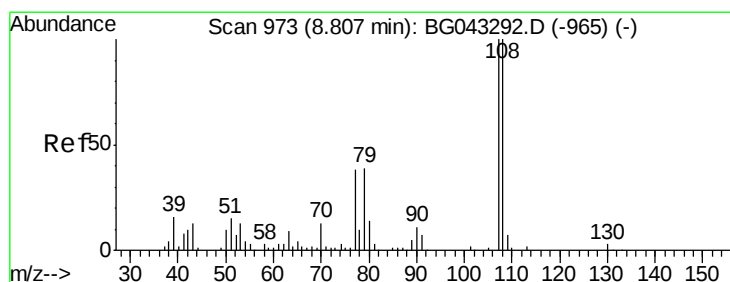
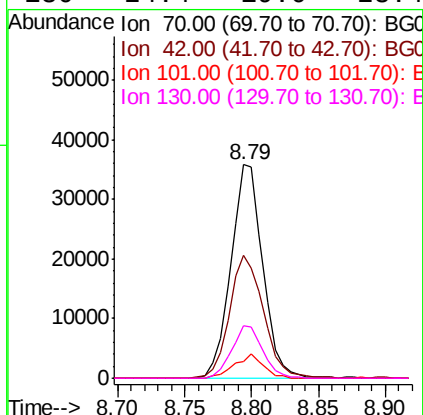
ClientSampleID :

PB124801BS

Tot Ion: 70 Resp: 59370

Ion Ratio Lower Upper

70	100		
42	57.6	41.4	62.2
101	7.9	7.9	11.9#
130	24.4	19.0	28.4



#20

3+4-Methylphenols

Concen: 31.593 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.34 min

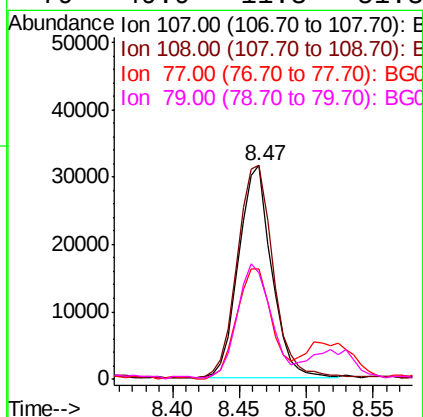
Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion: 107 Resp: 54350

Ion Ratio Lower Upper

107	100		
108	100.1	66.6	106.6
77	51.6	20.9	60.9
79	49.9	11.3	51.3

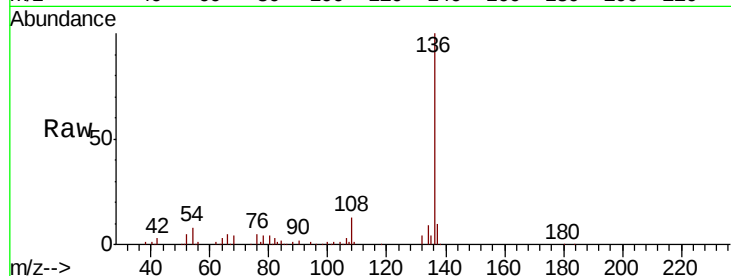




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:136	Resp:	100855
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.7 13.1
54	8.1	5.4 8.2
68	4.0	3.0 4.4



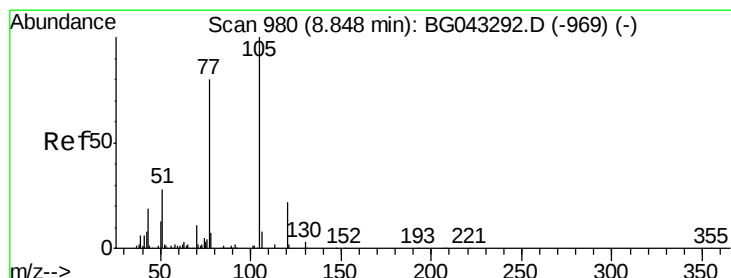
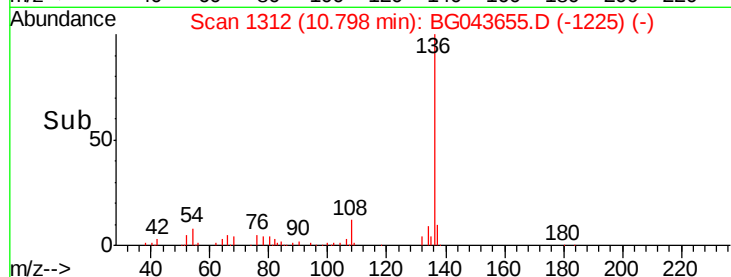
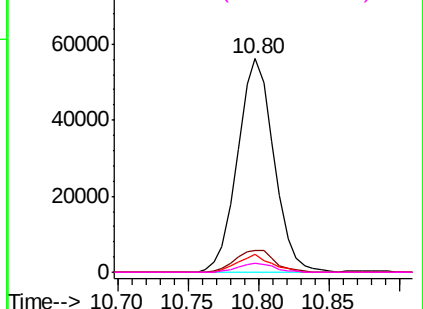
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

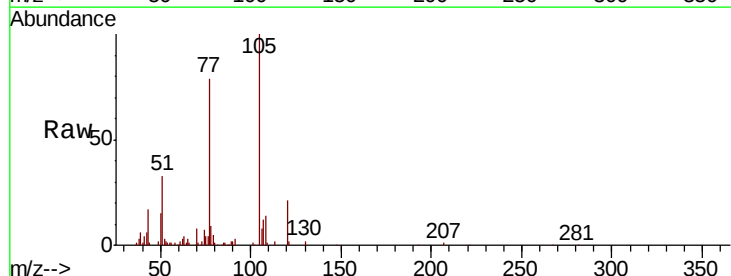
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.625 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:105	Resp:	117841
Ion	Ratio	Lower Upper
105	100	
71	1.4	0.8 1.2#
51	33.5	21.0 31.4#
120	21.3	18.0 27.0



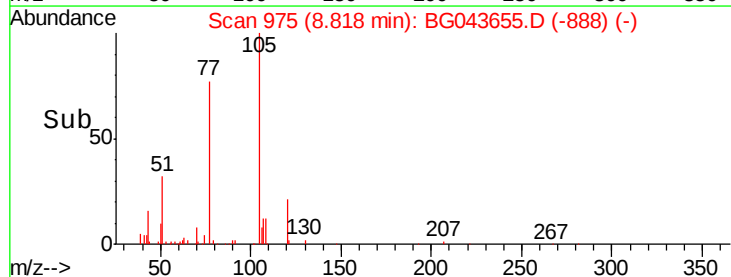
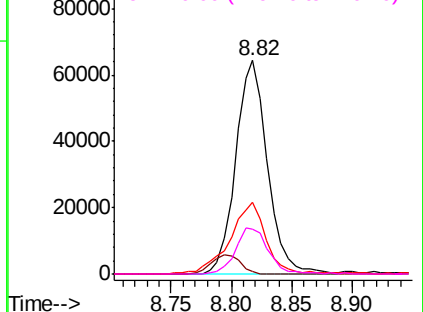
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

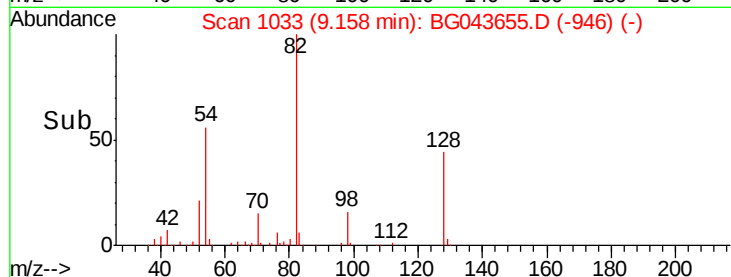
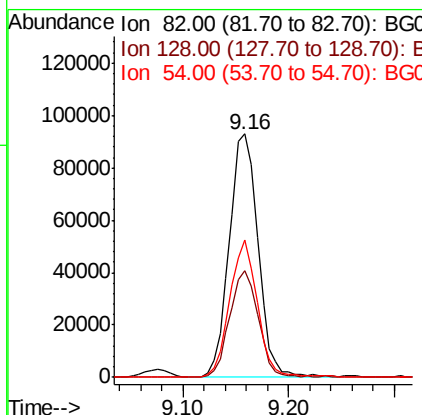
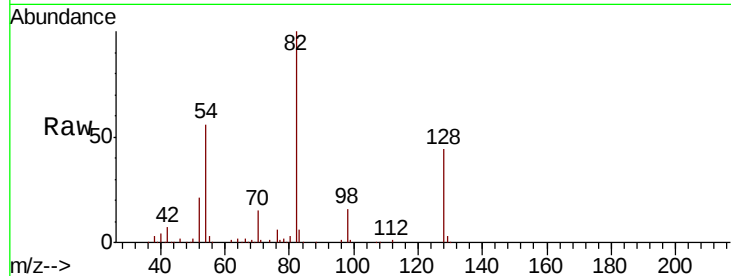




#23
 Nitrobenzene-d5
 Concen: 89.740 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

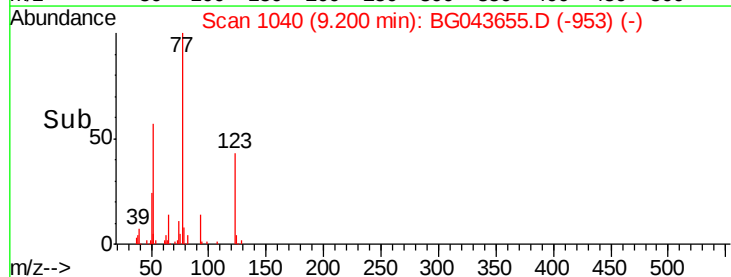
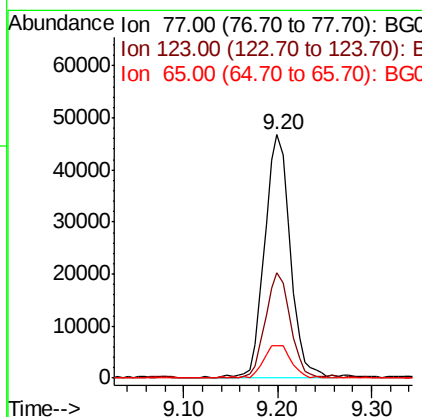
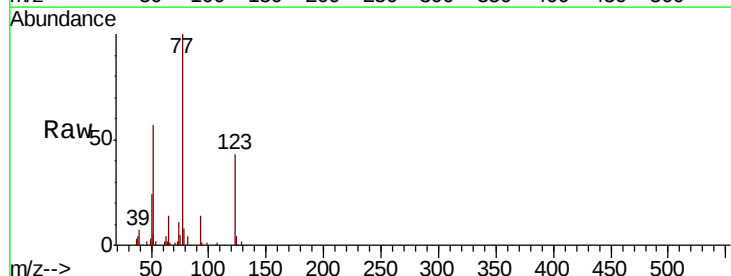
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

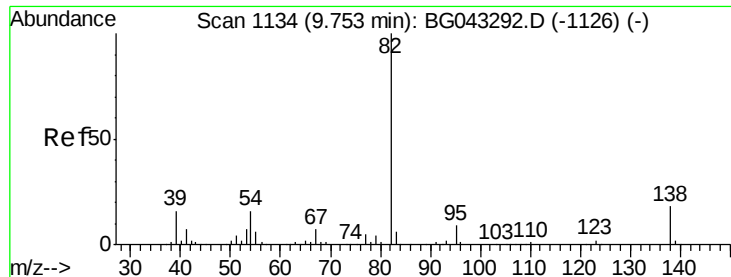
Tot Ion	82	Resp	175557
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.0	52.6
54	56.4	40.2	60.2



#24
 Nitrobenzene
 Concen: 47.767 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	77	Resp	89018
Ion Ratio	Lower	Upper	
77	100		
123	43.1	35.0	52.6
65	13.5	9.5	14.3





#25

Isophorone

Concen: 47.821 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

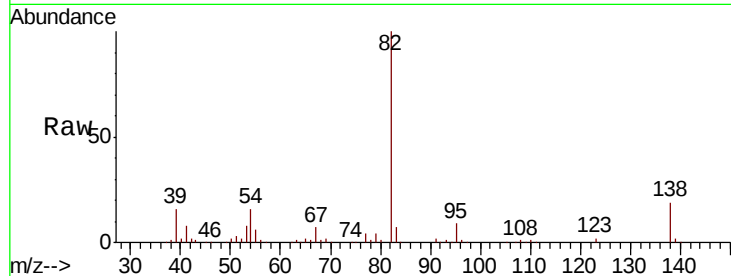
Tot Ion: 82 Resp: 171038

Ion Ratio Lower Upper

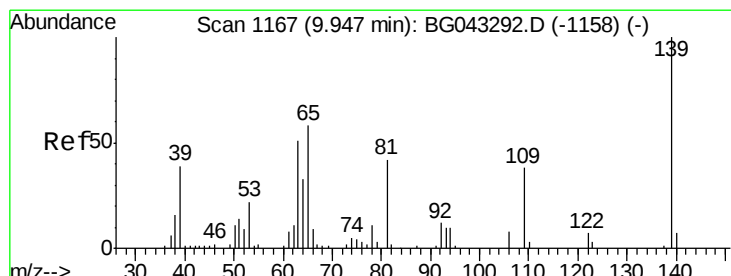
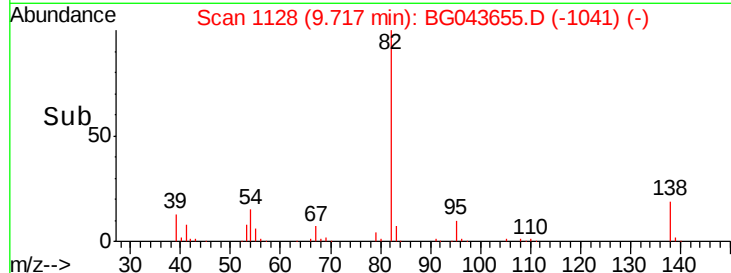
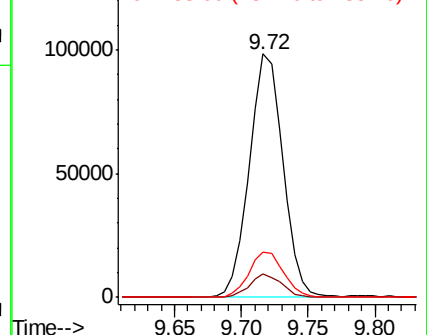
82 100

95 9.4 6.6 9.8

138 18.7 15.2 22.8



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



#26

2-Nitrophenol

Concen: 53.201 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

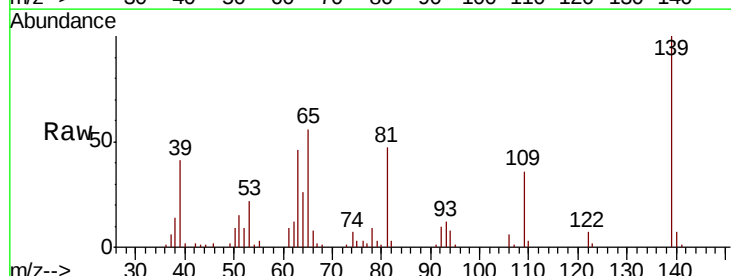
Tgt Ion: 139 Resp: 47865

Ion Ratio Lower Upper

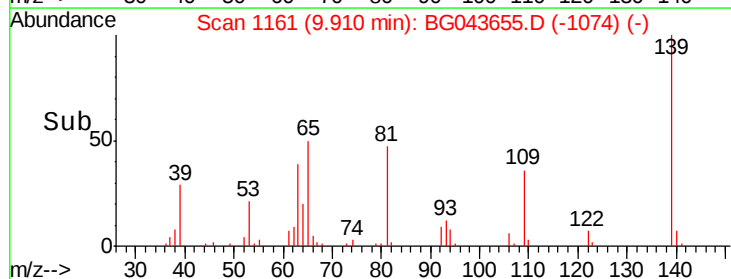
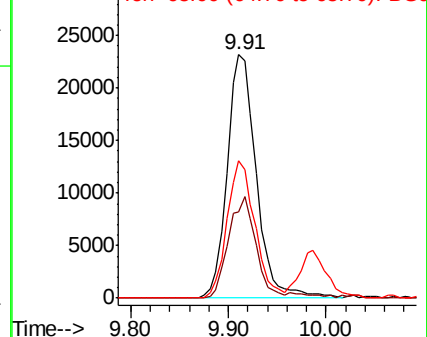
139 100

109 35.5 26.5 39.7

65 56.2 43.8 65.8



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

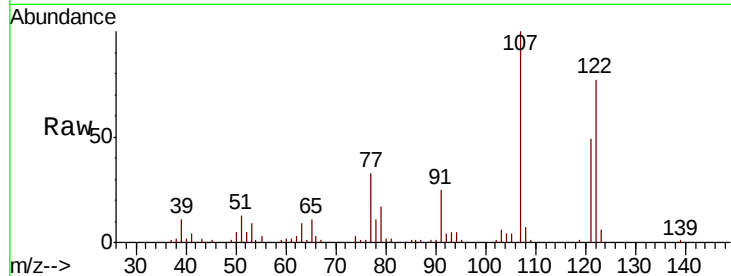




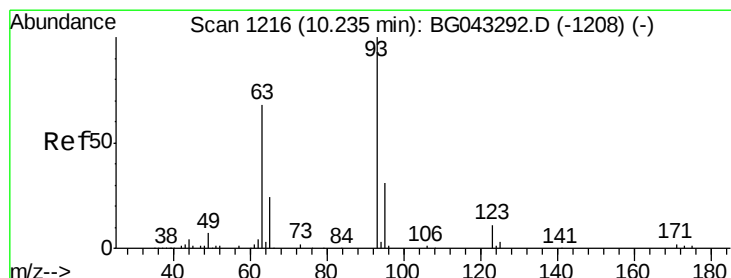
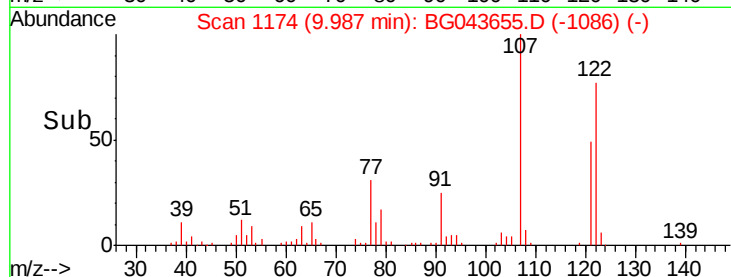
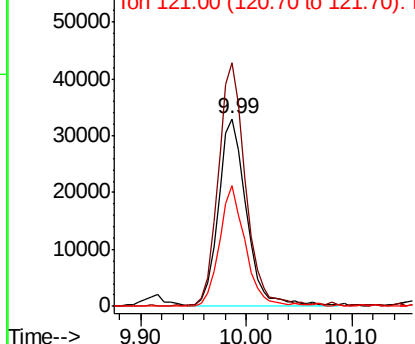
#27
 2,4-Dimethylphenol
 Concen: 46.565 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampled :
 PB124801BS

Tot Ion:122 Resp: 60047
 Ion Ratio Lower Upper
 122 100
 107 130.0 104.4 156.6
 121 64.3 47.2 70.8

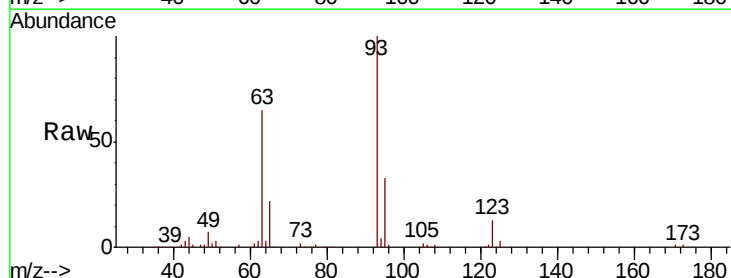


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

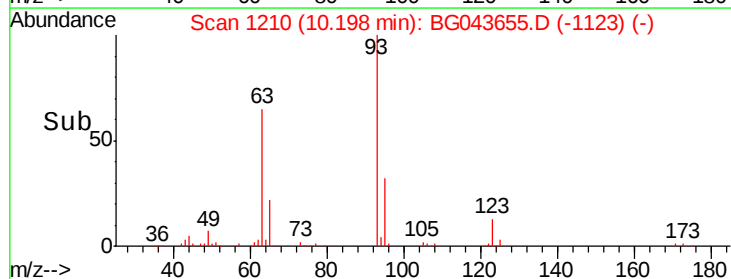
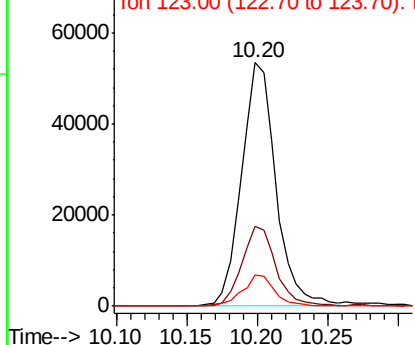


#28
 bis(2-Chloroethoxy)methane
 Concen: 46.102 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion: 93 Resp: 91006
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 12.6 10.6 15.8



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

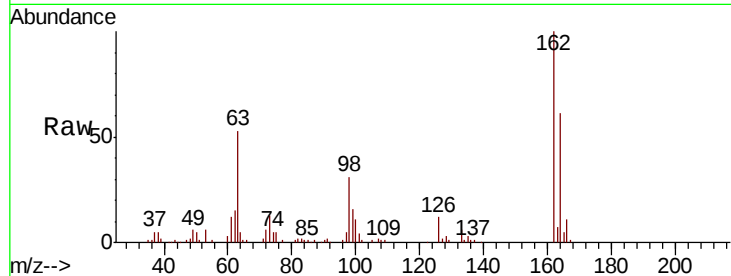




#29
2,4-Dichlorophenol
Concen: 52.193 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	48.9	88.9
98	31.3	15.1	55.1

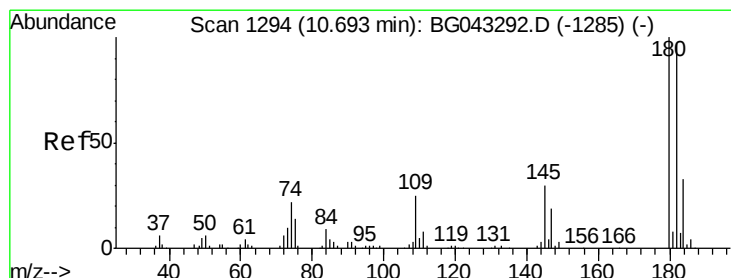
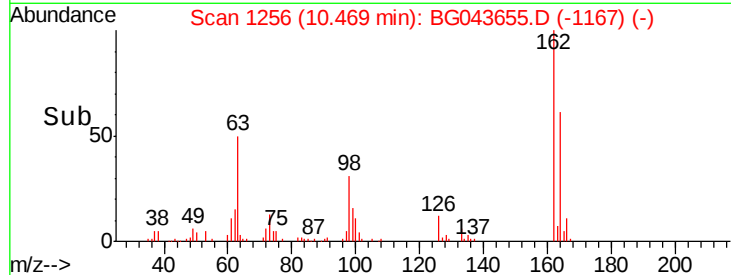
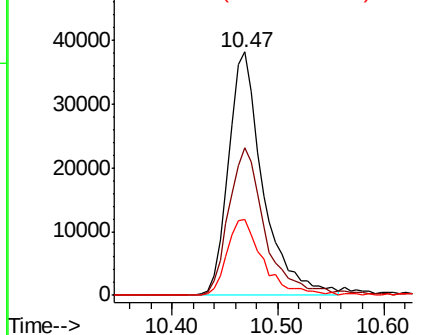


Abundance

Ion 162.00 (161.70 to 162.70): E

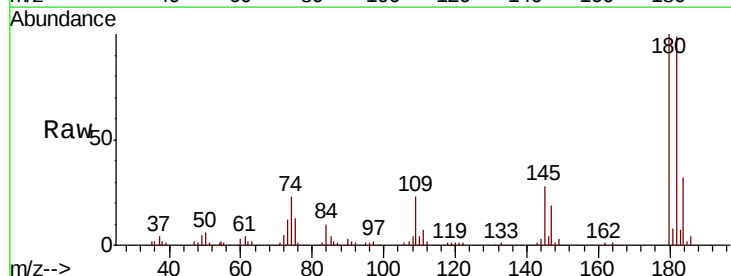
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.206 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.1	112.7
145	28.1	23.9	35.9

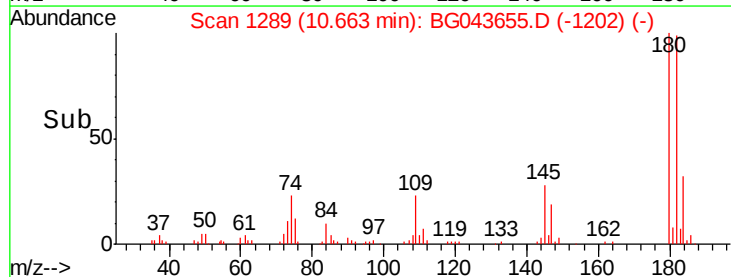
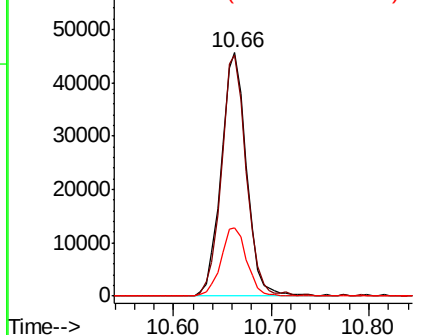


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

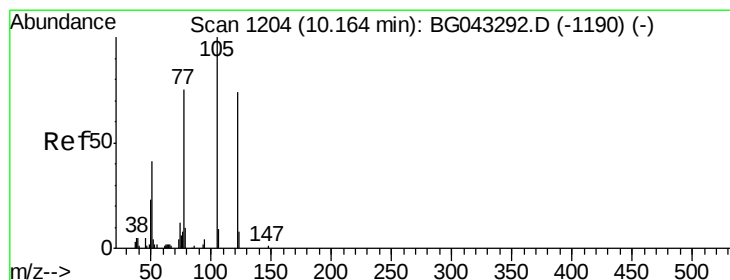
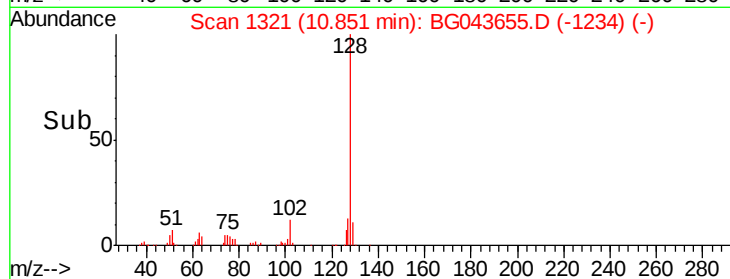
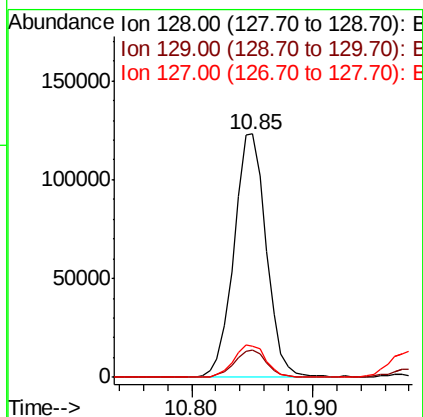
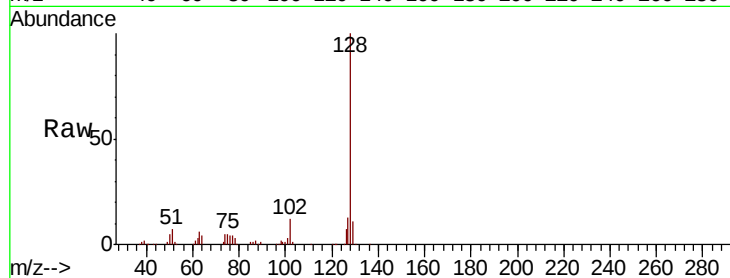




#31
Naphthalene
Concen: 44.824 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

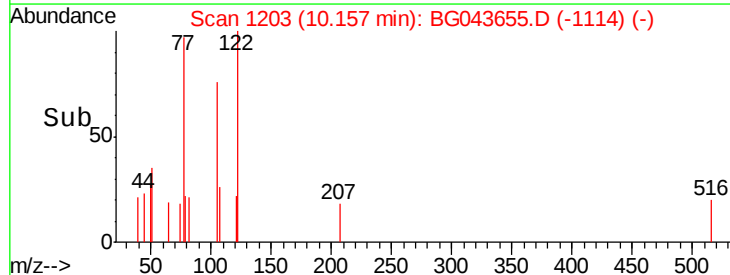
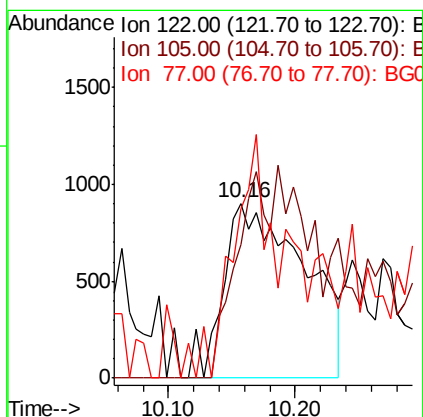
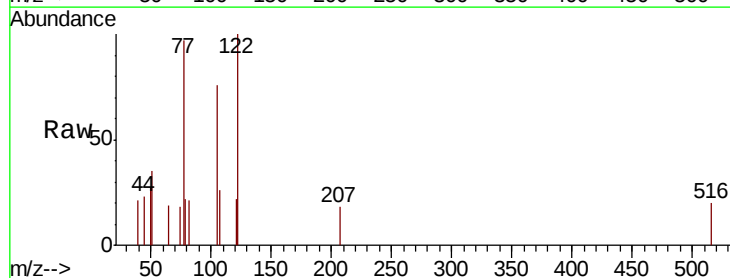
Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:128 Resp: 229468
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 12.6 11.1 16.7



#32
Benzoic acid
Concen: 12.338 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:122 Resp: 3991
Ion Ratio Lower Upper
122 100
105 76.4 103.3 143.3#
77 97.1 84.9 124.9

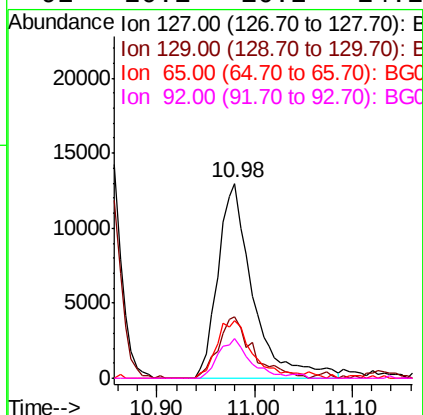
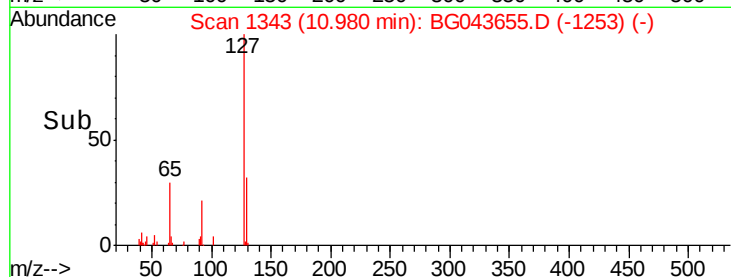
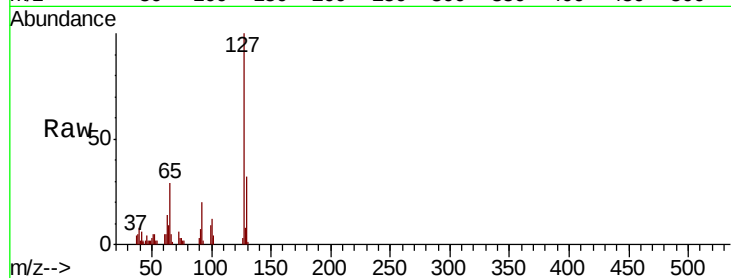




#33
4-Chloroaniline
Concen: 15.332 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

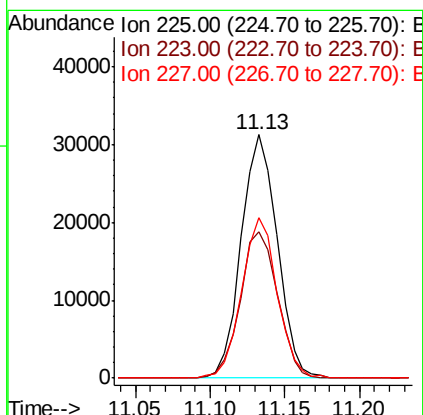
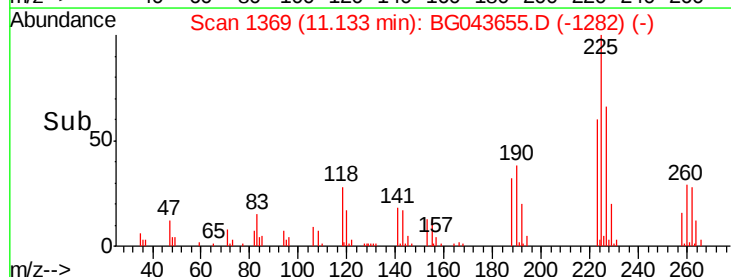
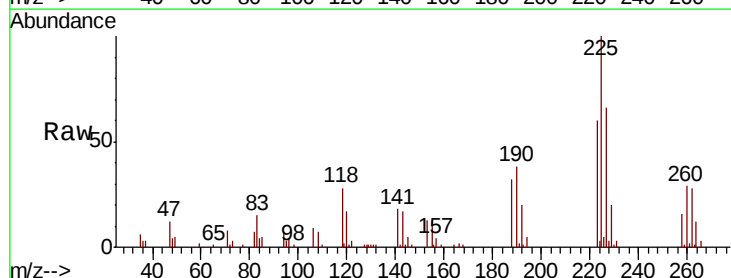
Instrument :
BNA_G
ClientSampleId :
PB124801BS

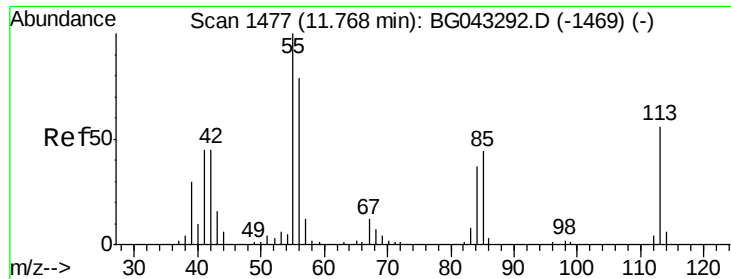
Tot Ion:	127	Resp:	32175
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	29.2	26.4	39.6
92	20.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 33.900 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:	225	Resp:	52185
Ion	Ratio	Lower	Upper
225	100		
223	60.3	52.7	79.1
227	65.7	54.8	82.2





#35

Caprolactam

Concen: 5.249 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

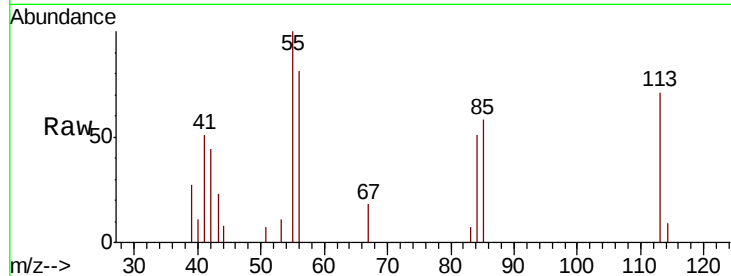
Tot Ion:113 Resp: 2987

Ion Ratio Lower Upper

113 100

55 141.7 134.1 174.1

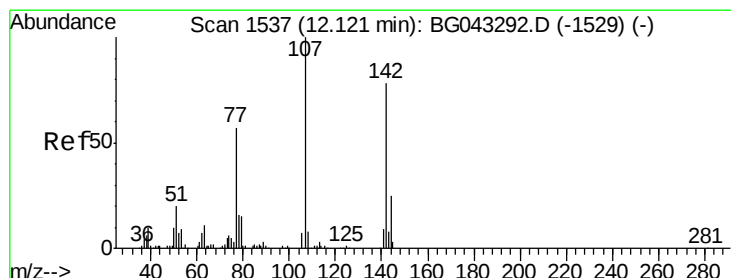
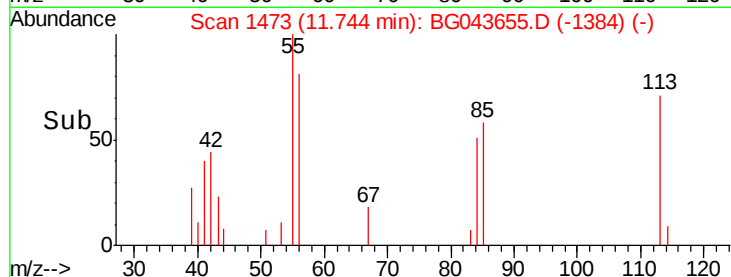
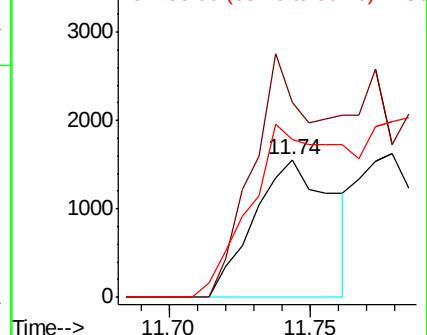
56 114.4 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.025 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

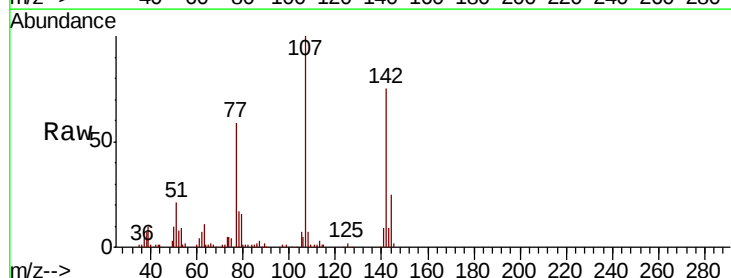
Tgt Ion:107 Resp: 95563

Ion Ratio Lower Upper

107 100

144 25.1 20.9 31.3

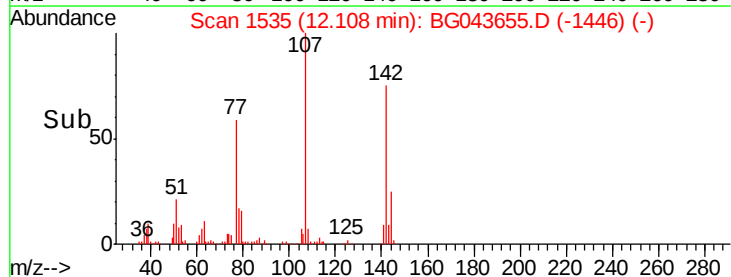
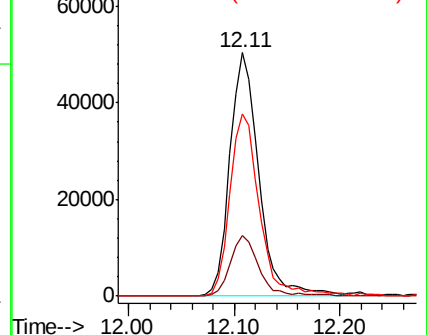
142 74.9 59.6 89.4



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

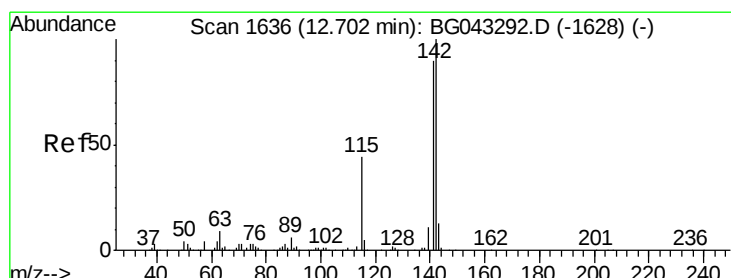
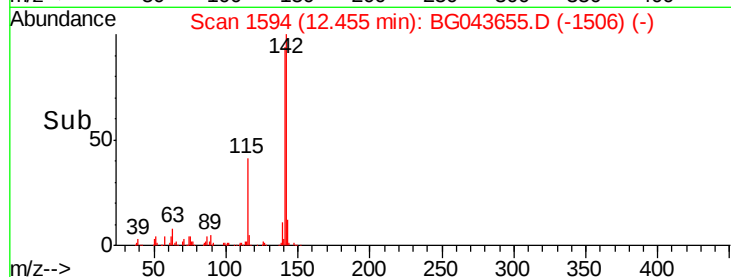
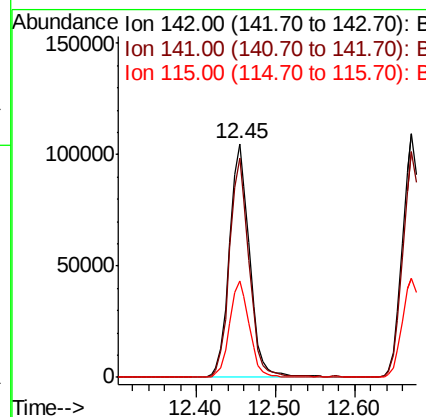
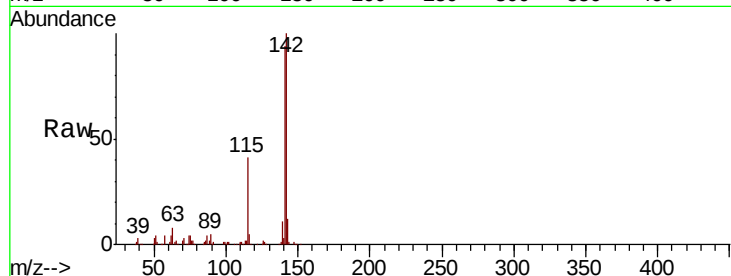




#37
2-Methylnaphthalene
Concen: 46.807 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

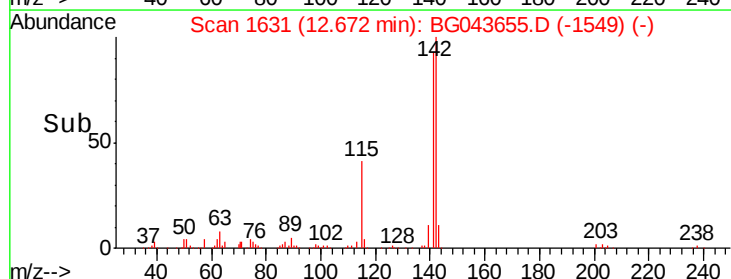
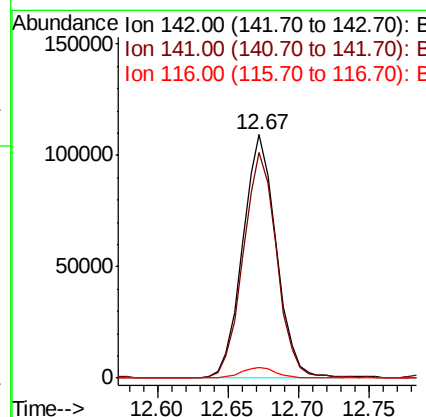
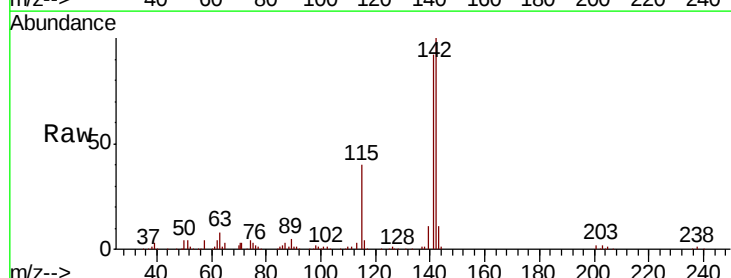
Instrument :
BNA_G
ClientSampled :
PB124801BS

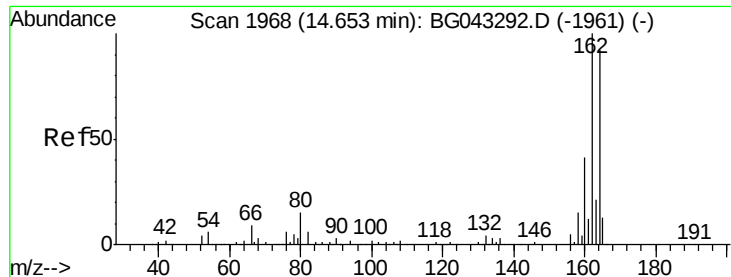
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.2	108.2
115	41.4	33.2	49.8



#38
1-Methylnaphthalene
Concen: 48.270 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
116	4.2	3.6	5.4

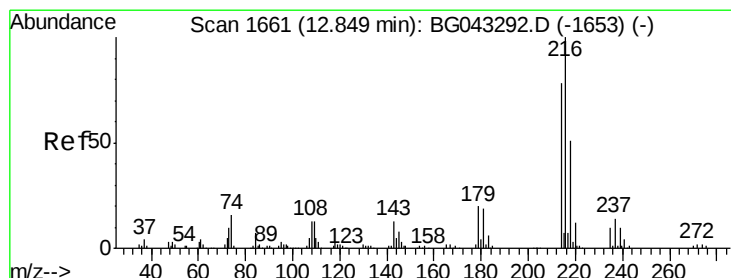
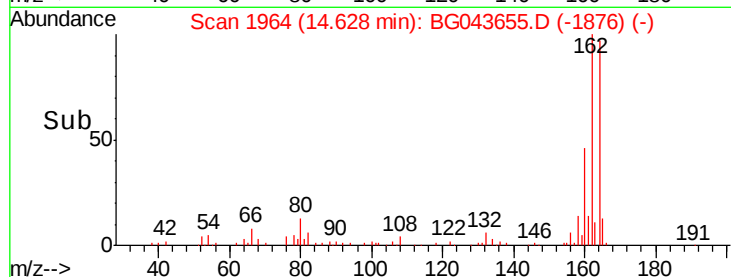
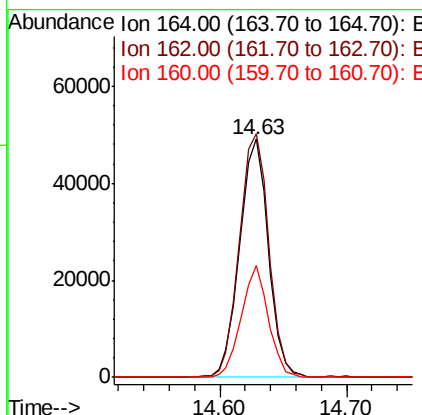
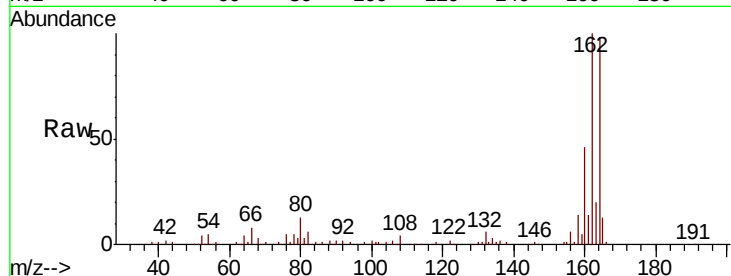




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

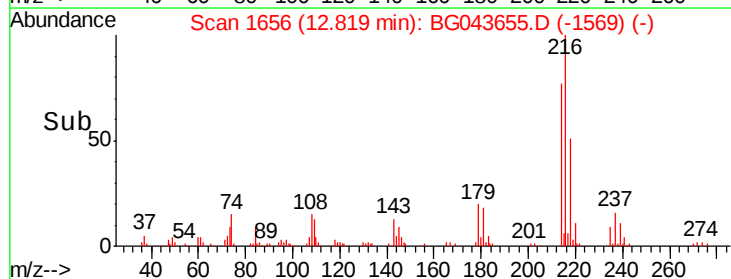
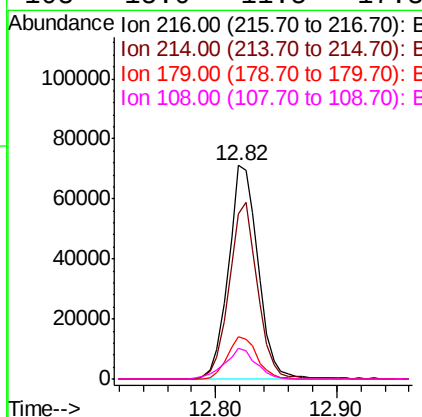
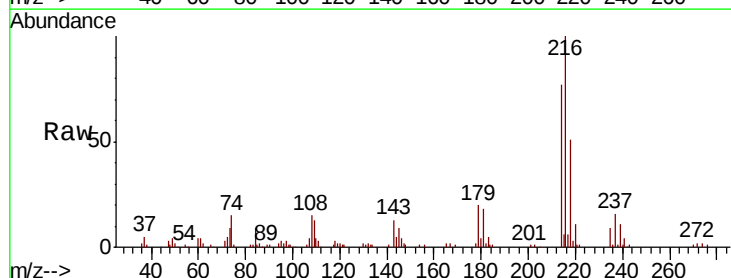
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:164 Resp: 77125
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.5 125.3
 160 46.9 36.5 54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.470 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion:216 Resp: 121222
 Ion Ratio Lower Upper
 216 100
 214 78.5 61.7 92.5
 179 19.8 15.8 23.8
 108 15.0 11.5 17.3

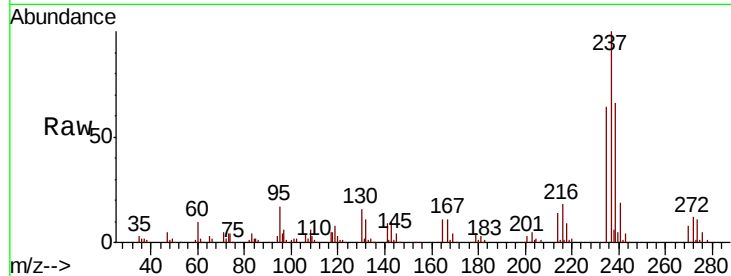




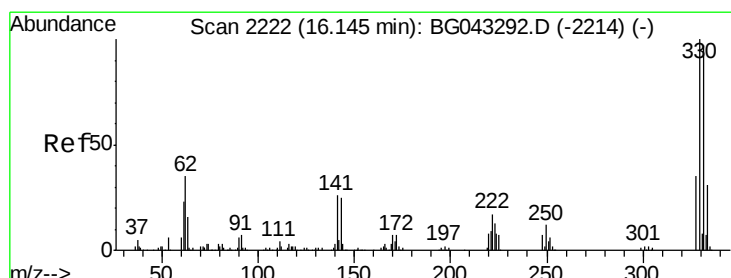
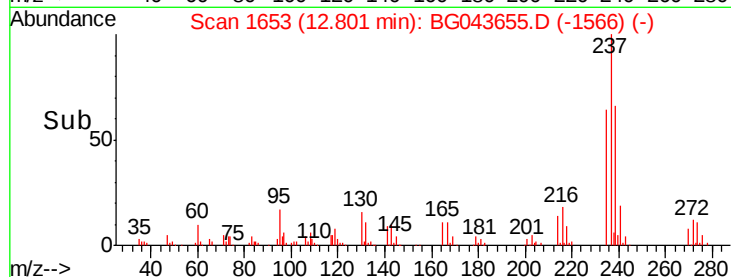
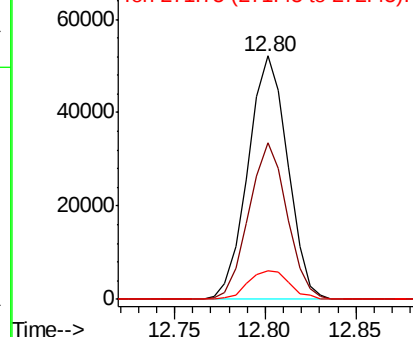
#41
Hexachlorocyclopentadiene
Concen: 52.753 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:237 Resp: 79097
Ion Ratio Lower Upper
237 100
235 64.3 41.6 81.6
272 11.6 0.0 32.5

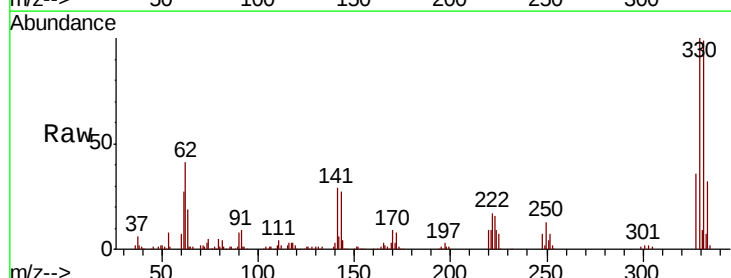


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

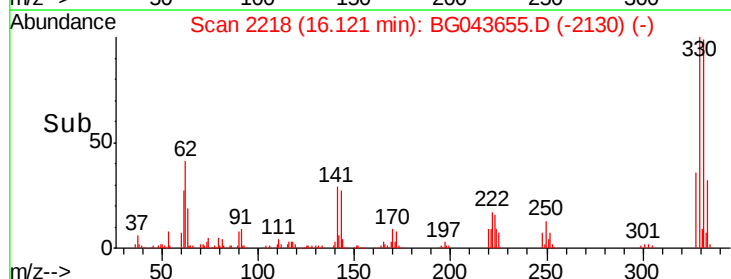
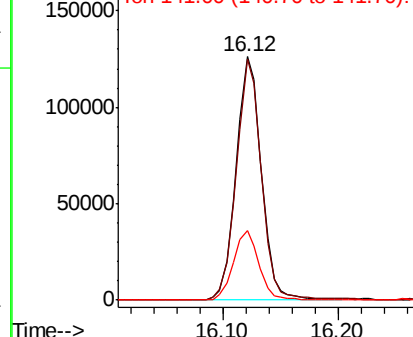


#42
2,4,6-Tribromophenol
Concen: 130.683 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:330 Resp: 191803
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.9 22.8 34.2



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

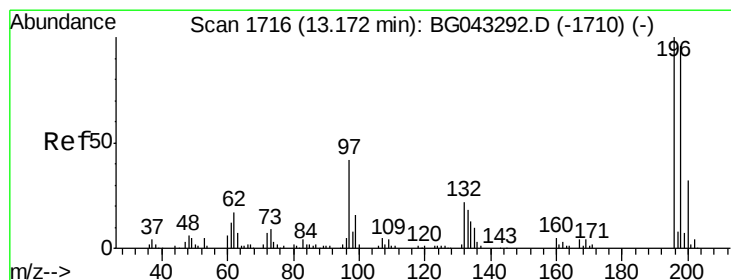
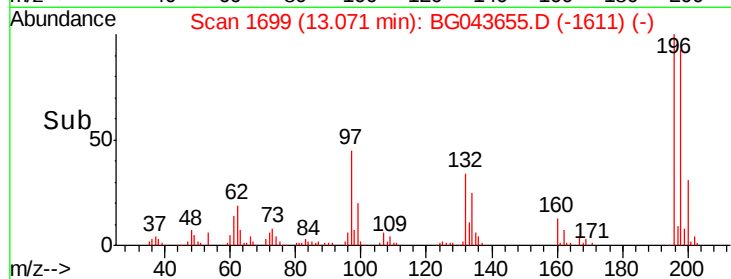
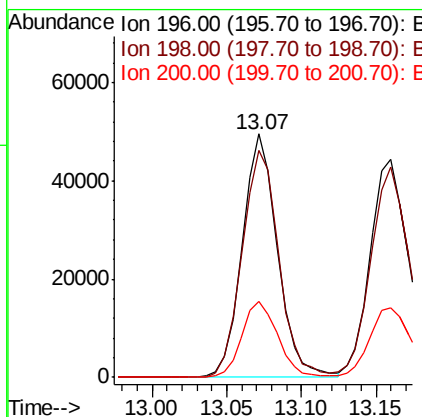
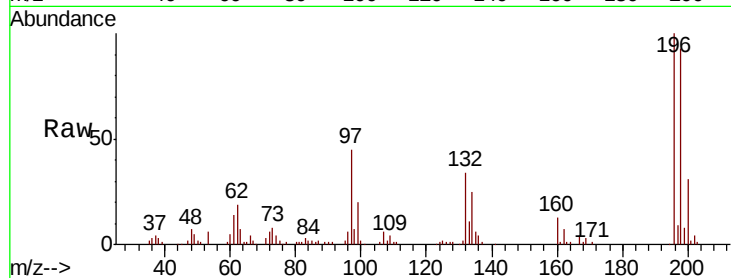




#43
 2,4,6-Trichlorophenol
 Concen: 48.062 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

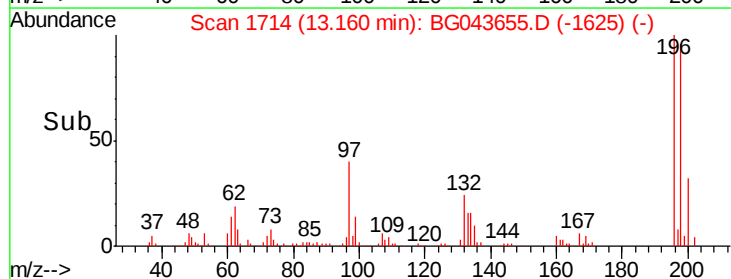
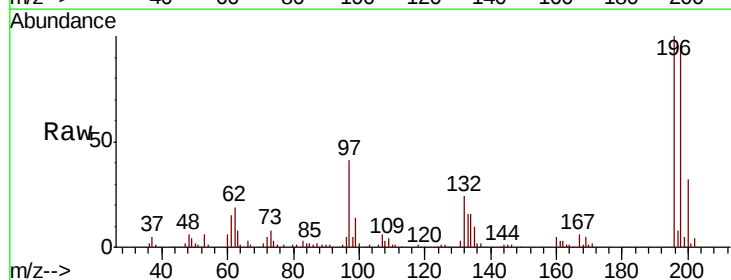
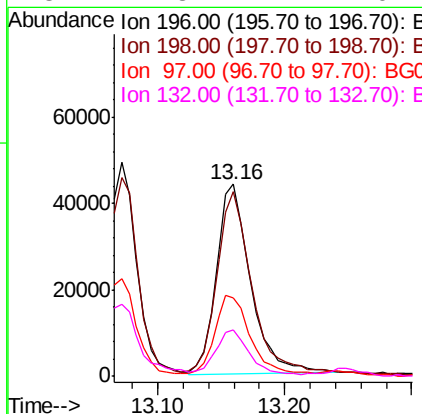
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

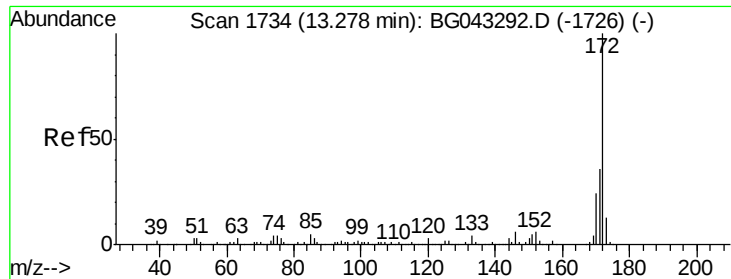
Tot Ion:196 Resp: 80788
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.8 113.6
 200 31.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.542 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion:196 Resp: 82491
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.5 111.7
 97 40.8 36.3 54.5
 132 24.3 17.4 26.2

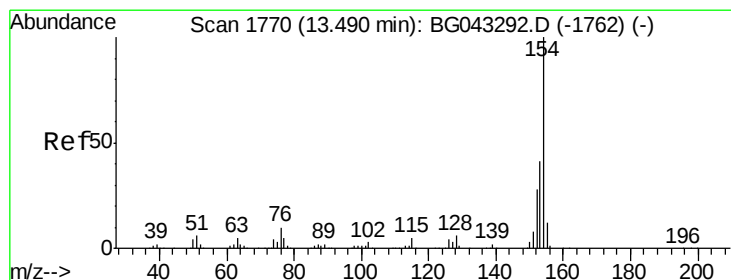
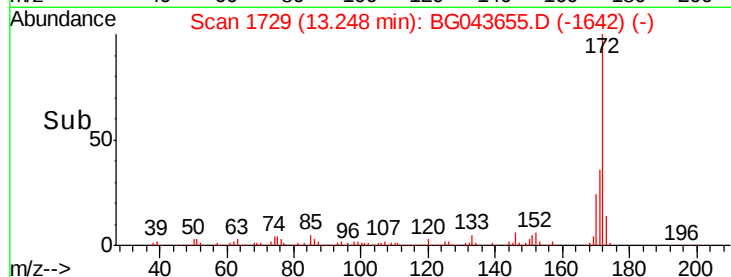
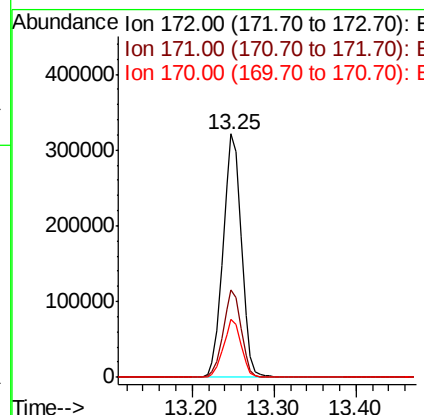
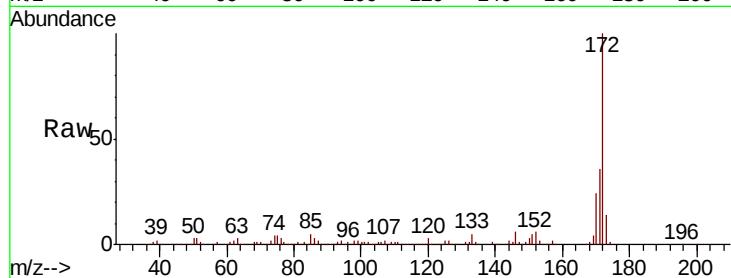




#45
 2-Fluorobiphenyl
 Concen: 89.927 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

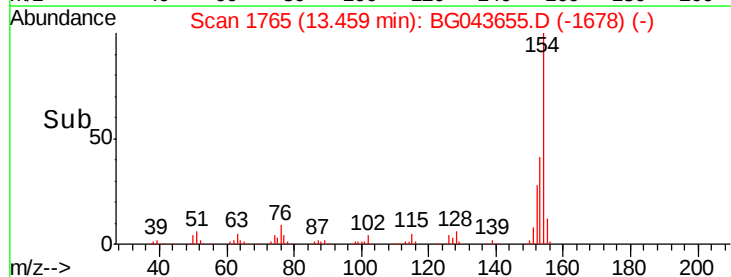
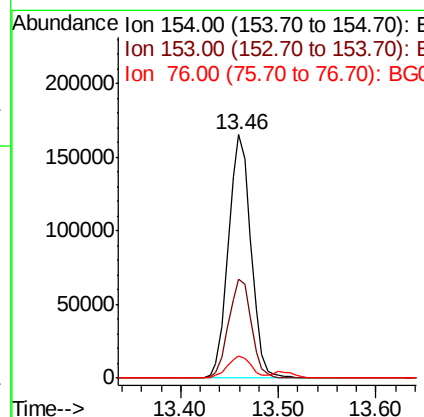
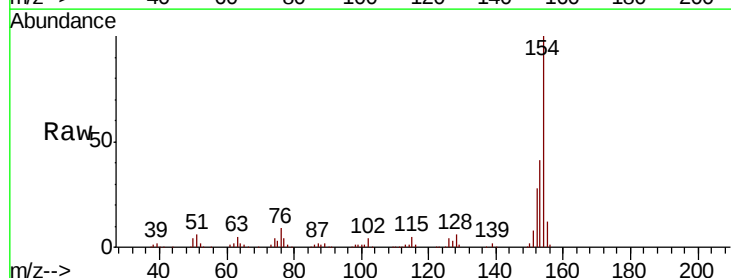
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

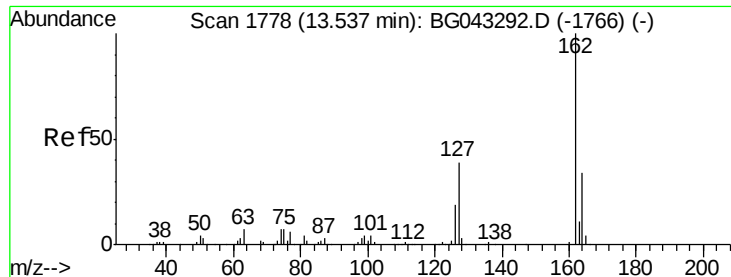
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 45.241 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.0	0.0	29.4

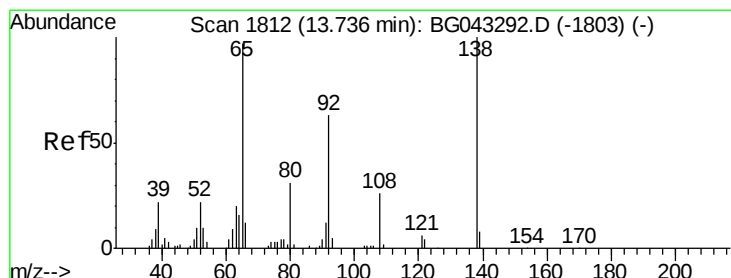
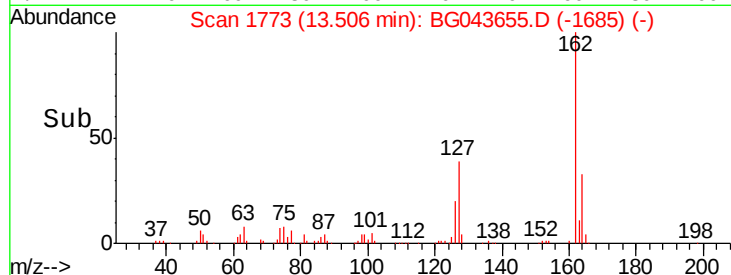
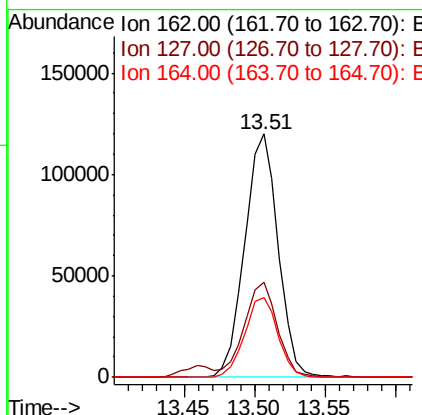
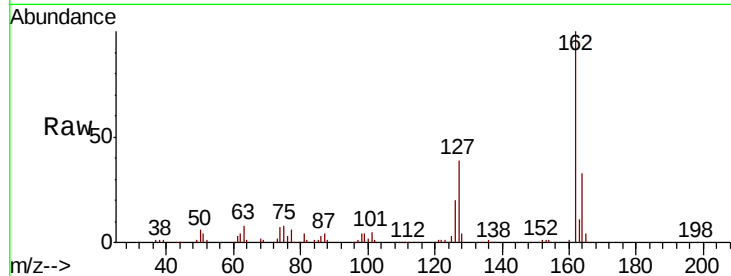




#47
2-Chloronaphthalene
Concen: 44.659 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

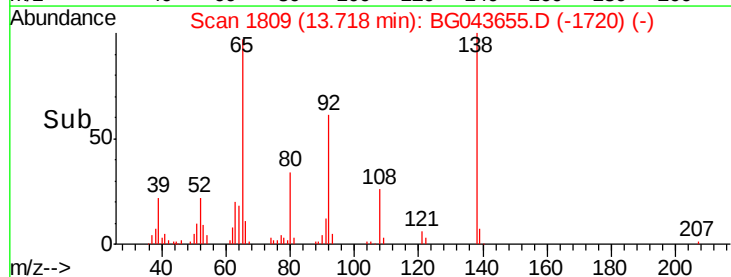
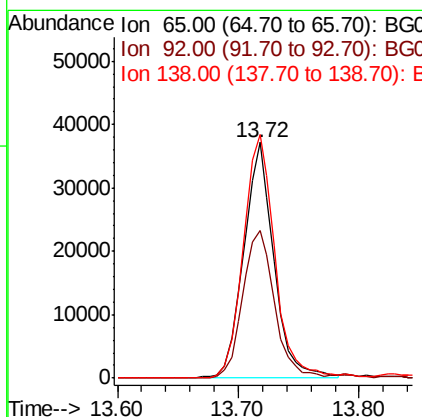
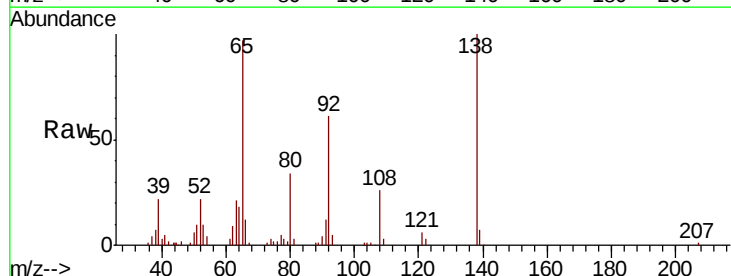
Instrument :
BNA_G
ClientSampleId :
PB124801BS

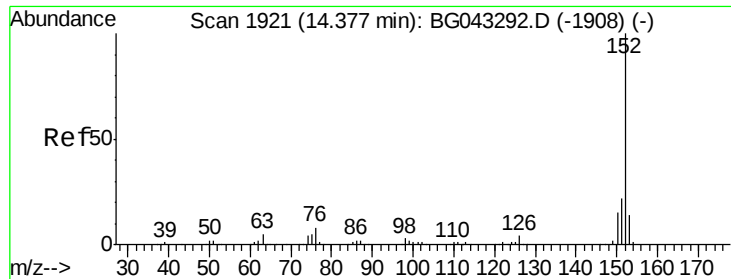
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.2	46.8
164	32.6	25.8	38.8



#48
2-Nitroaniline
Concen: 48.422 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	56.2	84.2
138	103.3	82.6	123.8





#49

Acenaphthylene

Concen: 49.047 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

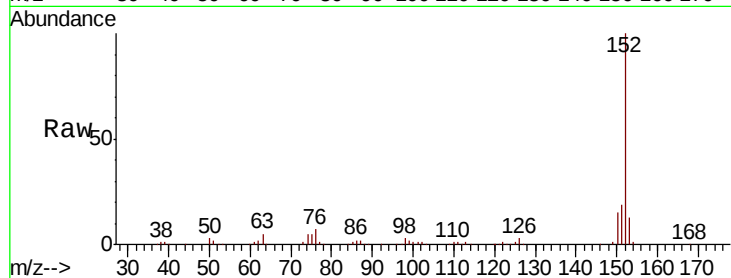
Tot Ion:152 Resp: 340777

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4

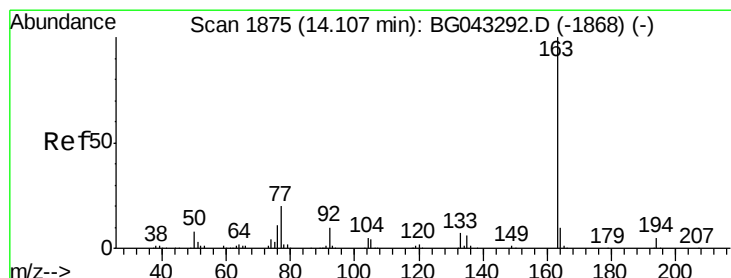
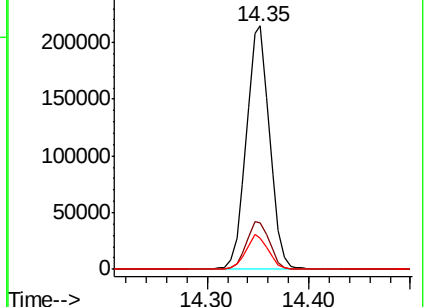
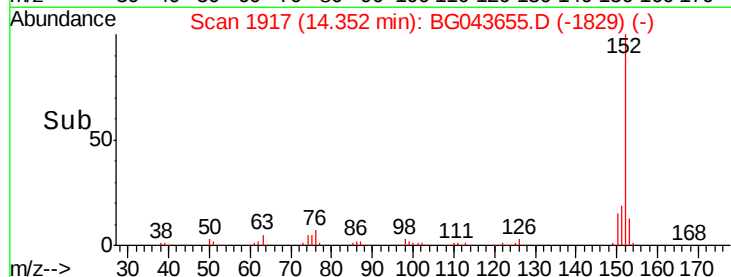
153 13.0 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.782 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

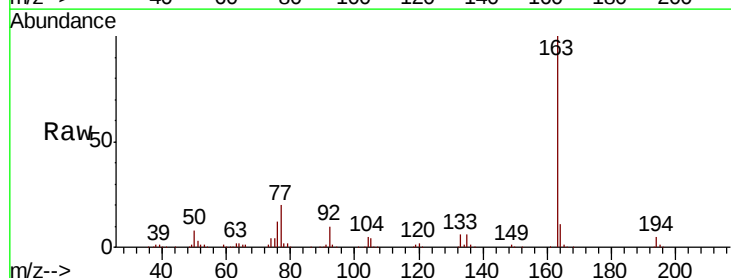
Tgt Ion:163 Resp: 291415

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

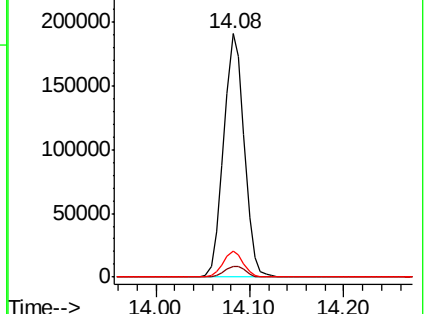
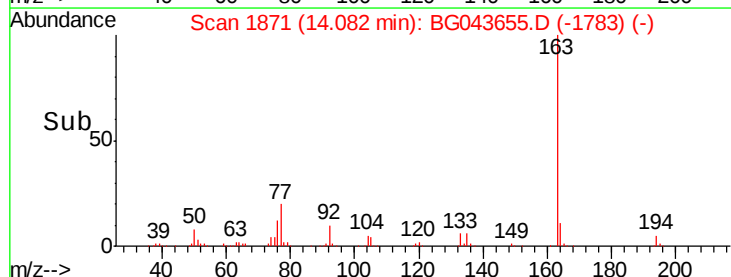
164 10.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.923 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

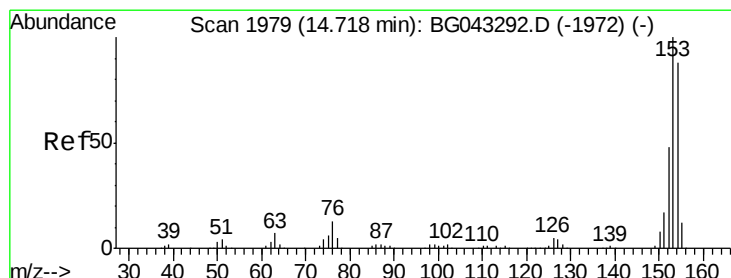
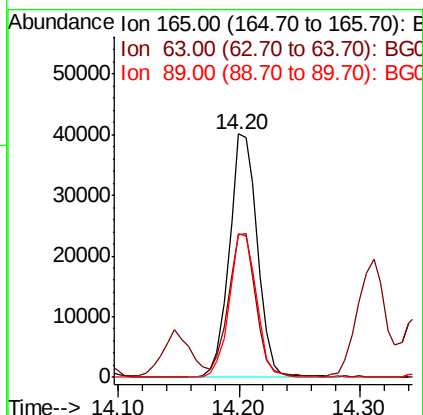
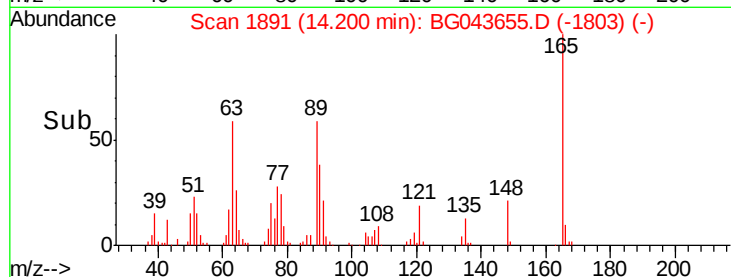
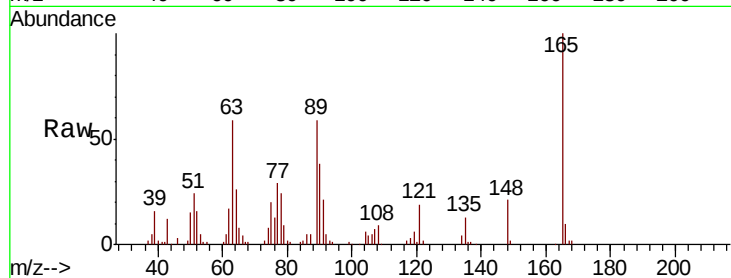
Tot Ion:165 Resp: 64791

Ion Ratio Lower Upper

165 100

63 58.6 46.6 69.8

89 58.8 45.1 67.7



#52

Acenaphthene

Concen: 47.383 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

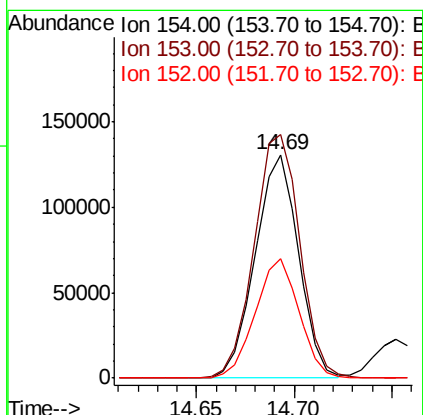
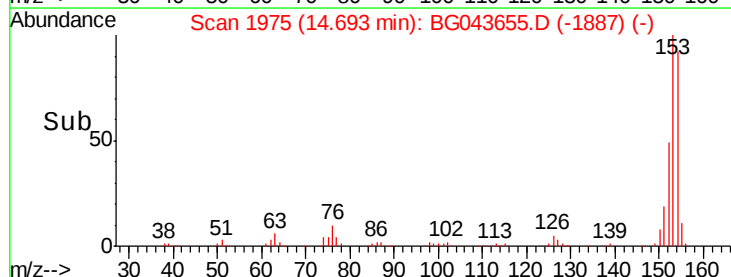
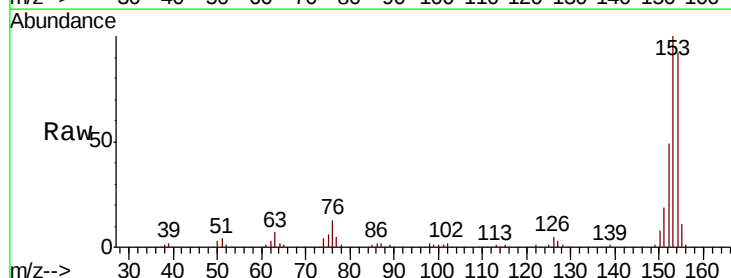
Tgt Ion:154 Resp: 200766

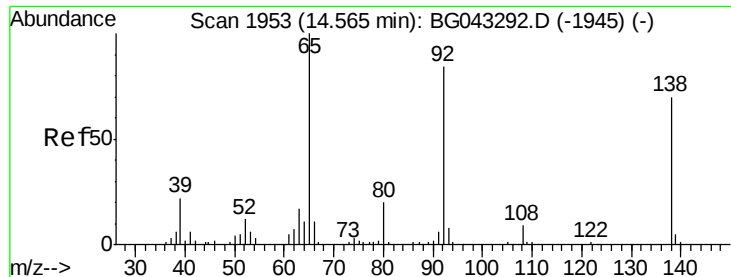
Ion Ratio Lower Upper

154 100

153 109.0 88.2 132.2

152 53.7 40.0 60.0





#53

3-Nitroaniline

Concen: 23.793 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

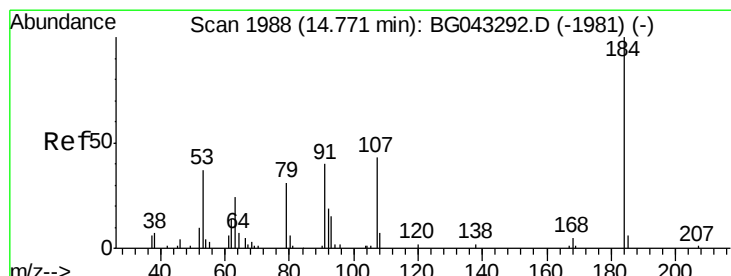
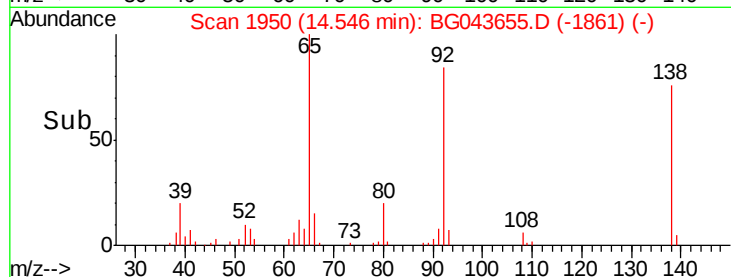
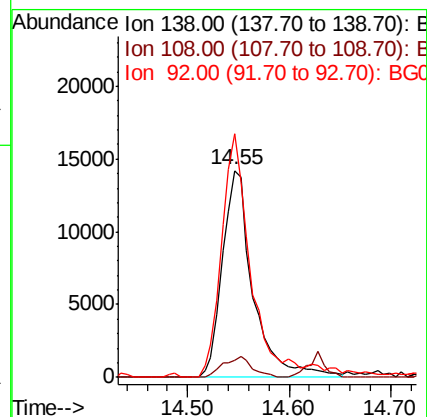
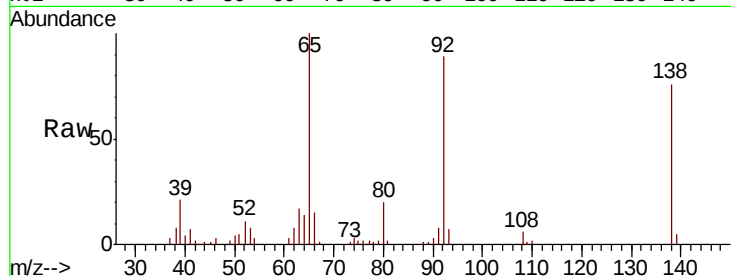
Tot Ion:138 Resp: 29813

Ion Ratio Lower Upper

138 100

108 8.4 8.0 12.0

92 117.6 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 82.631 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

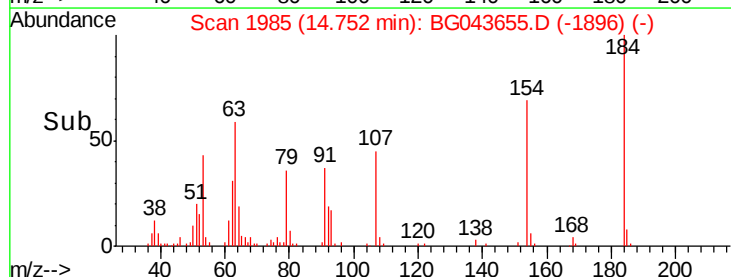
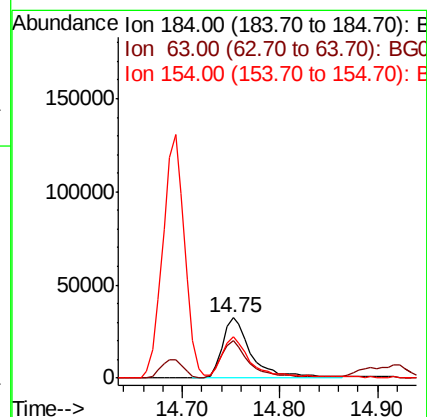
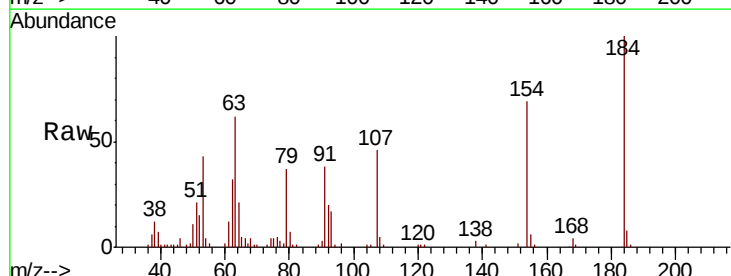
Tgt Ion:184 Resp: 67179

Ion Ratio Lower Upper

184 100

63 62.2 51.3 76.9

154 69.3 55.4 83.0

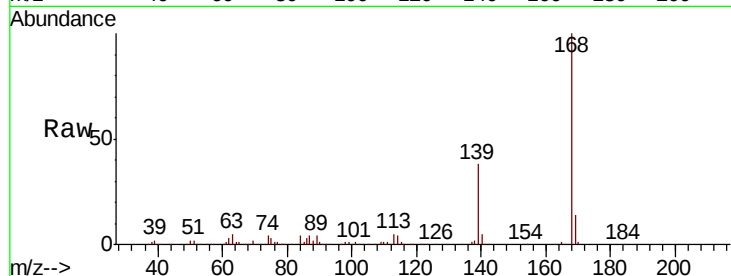




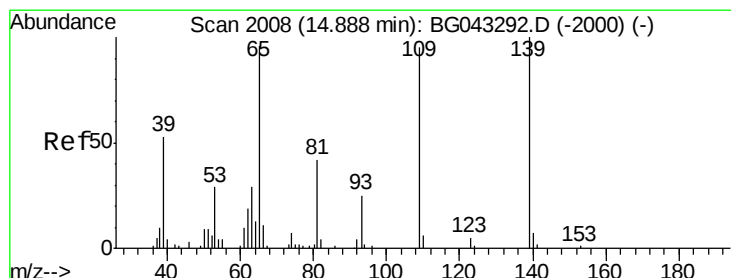
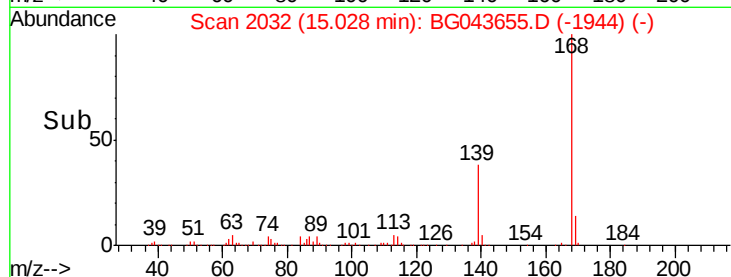
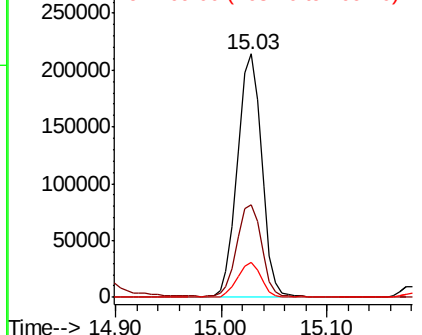
#55
Dibenzofuran
Concen: 49.579 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:168 Resp: 340665
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 14.2 11.7 17.5

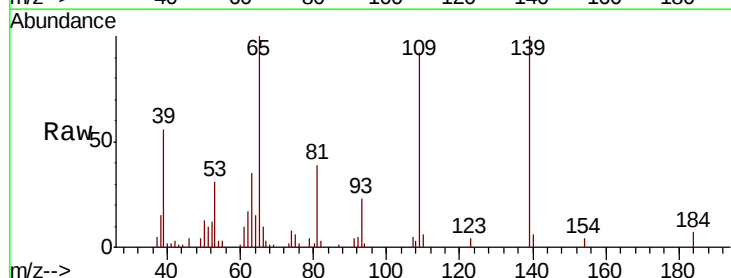


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

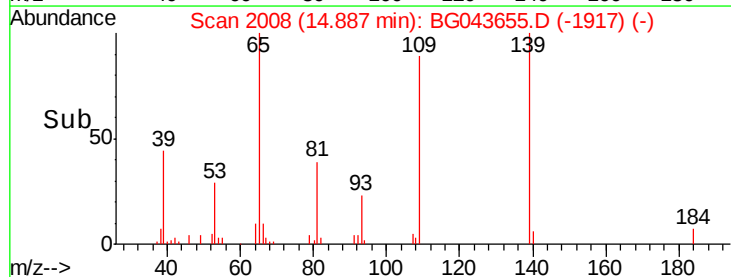
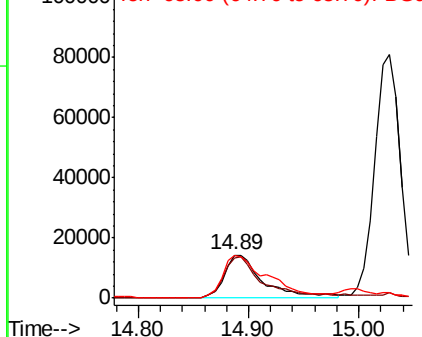


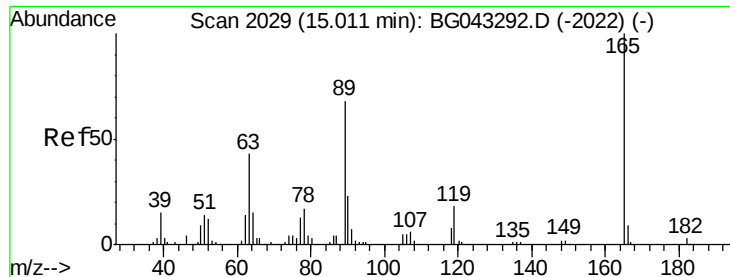
#56
4-Nitrophenol
Concen: 41.771 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:139 Resp: 35074
Ion Ratio Lower Upper
139 100
109 91.8 87.2 127.2
65 99.9 83.8 123.8



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

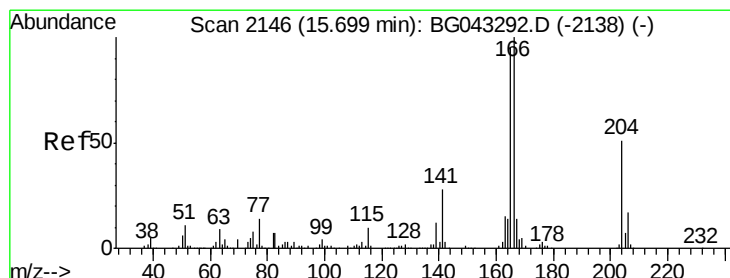
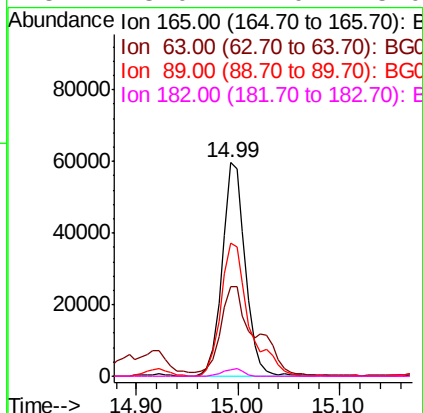
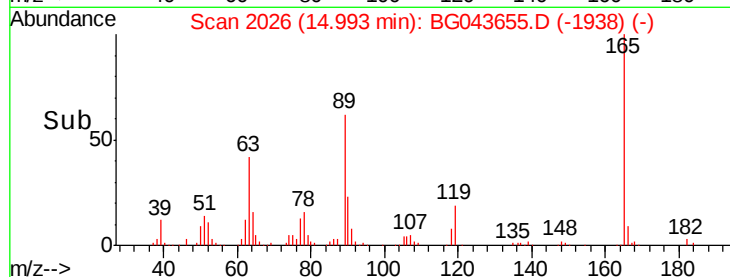
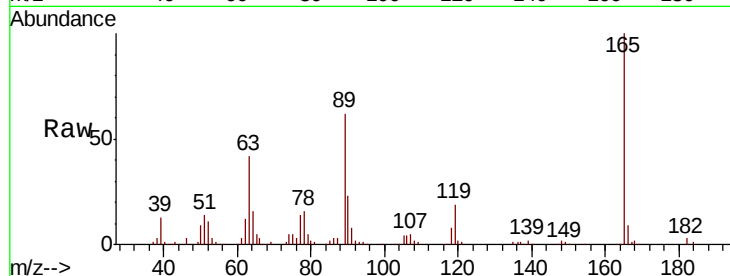




#57
2,4-Dinitrotoluene
Concen: 50.774 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

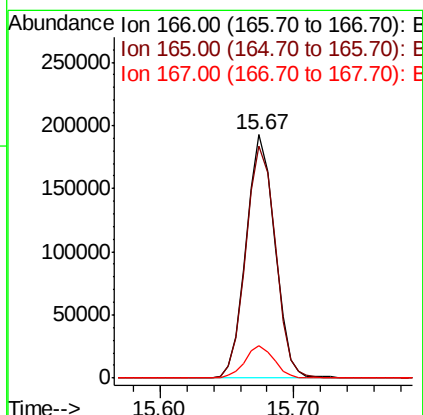
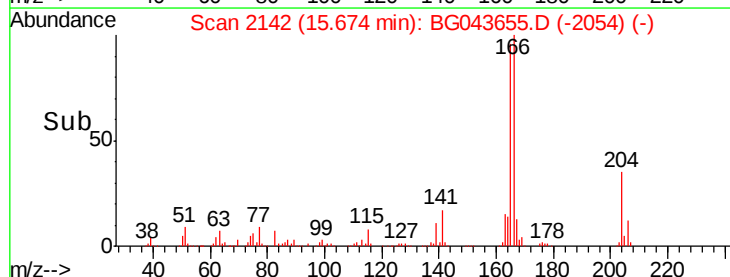
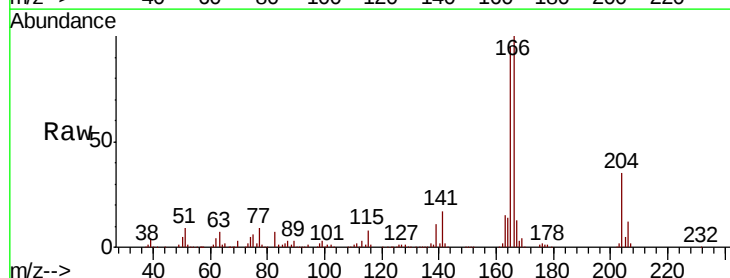
Instrument :
BNA_G
ClientSampleId :
PB124801BS

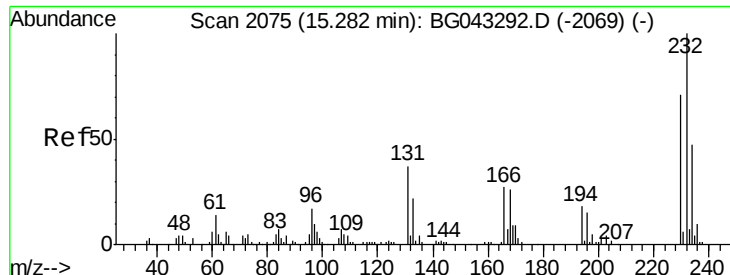
Tot Ion:165 Resp: 94172
Ion Ratio Lower Upper
165 100
63 42.1 33.2 49.8
89 62.4 52.2 78.4
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 49.684 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:166 Resp: 286325
Ion Ratio Lower Upper
166 100
165 95.3 79.0 118.6
167 13.4 10.5 15.7

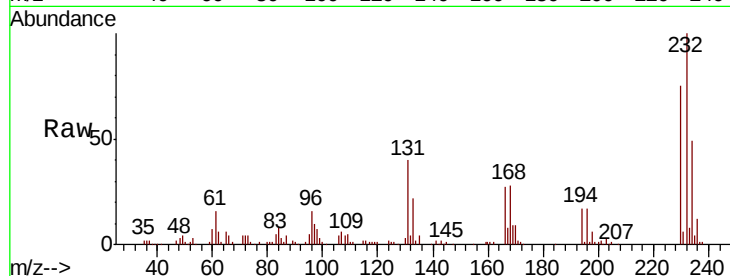




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.307 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:	232	Resp:	87219
Ion	Ratio	Lower	Upper
232	100		
131	36.8	26.9	40.3
130	2.0	1.8	2.6
166	26.0	20.9	31.3



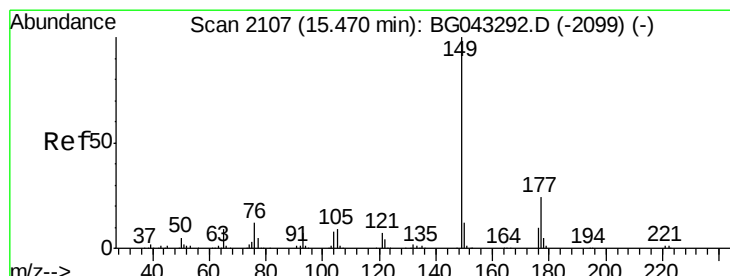
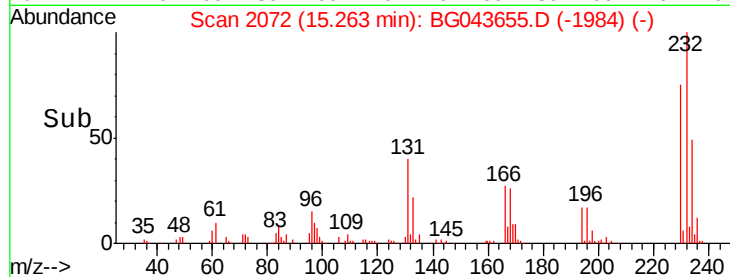
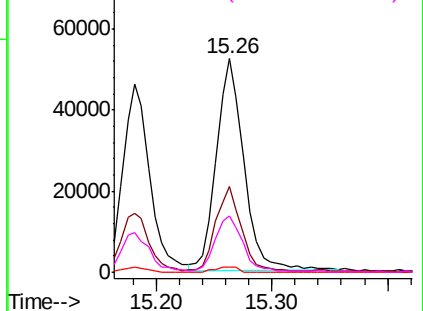
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

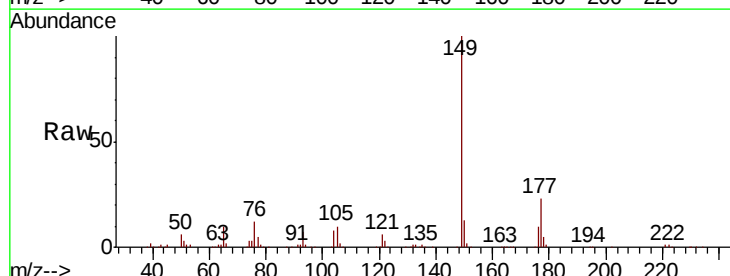
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.649 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion:	149	Resp:	292012
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.6	29.4
150	13.5	10.8	16.2

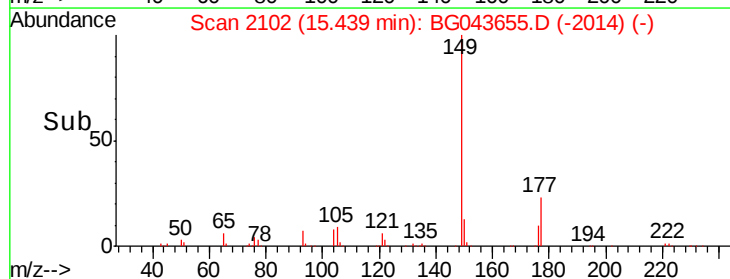
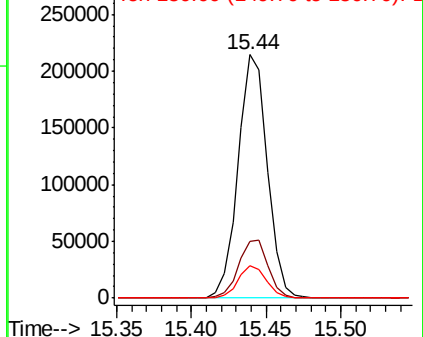


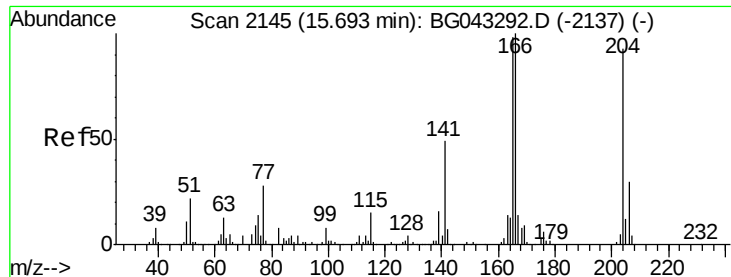
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 47.733 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampled :

PB124801BS

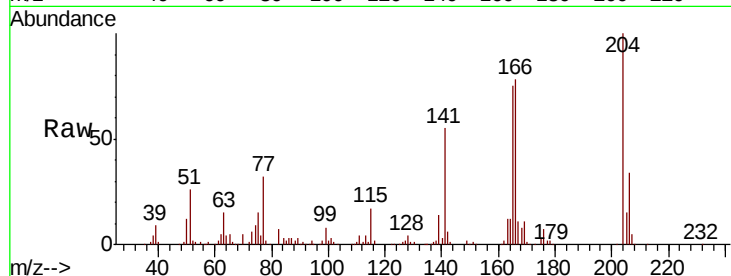
Tot Ion:204 Resp: 160474

Ion Ratio Lower Upper

204 100

206 34.2 28.4 42.6

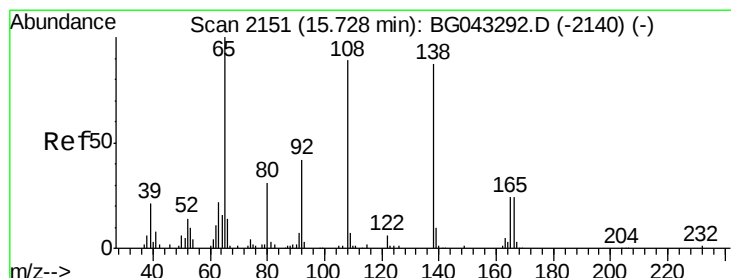
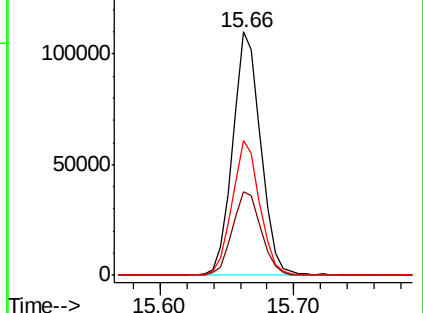
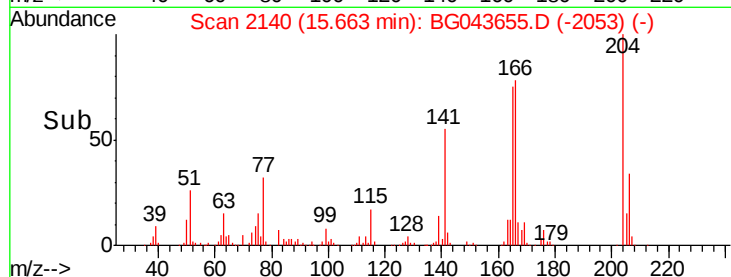
141 55.3 43.0 64.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 45.841 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

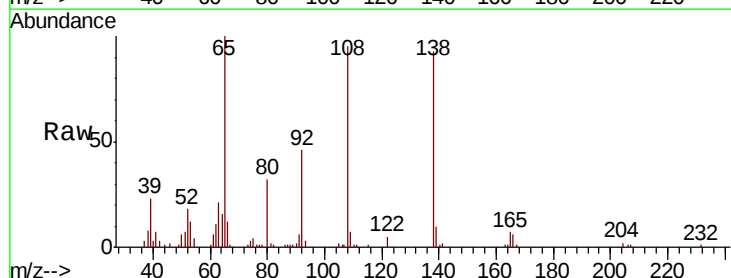
Tgt Ion:138 Resp: 59320

Ion Ratio Lower Upper

138 100

92 49.6 33.4 73.4

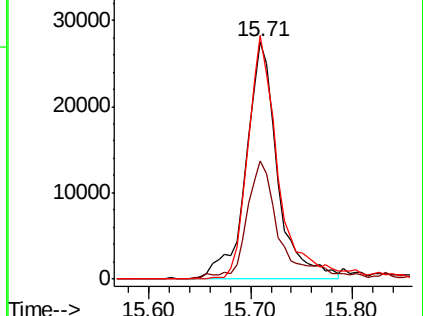
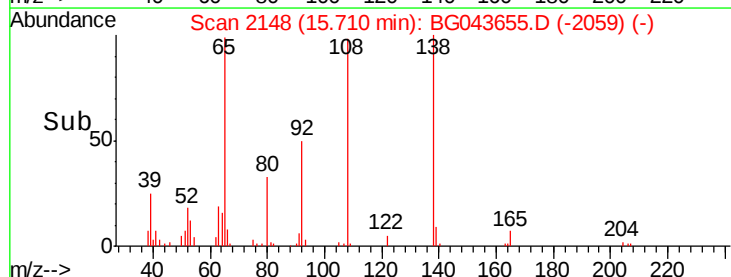
108 102.4 78.0 118.0

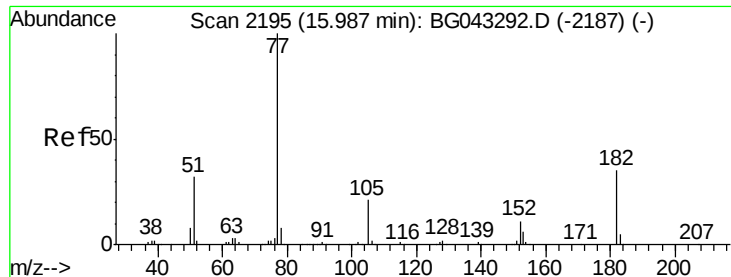


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 49.370 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion: 77 Resp: 239832

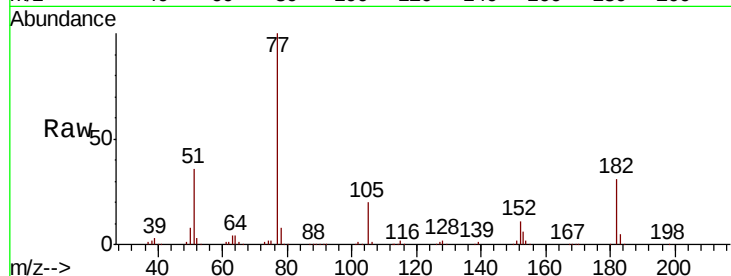
Ion Ratio Lower Upper

77 100

182 31.4 13.7 53.7

105 20.5 0.4 40.4

51 35.7 11.0 51.0

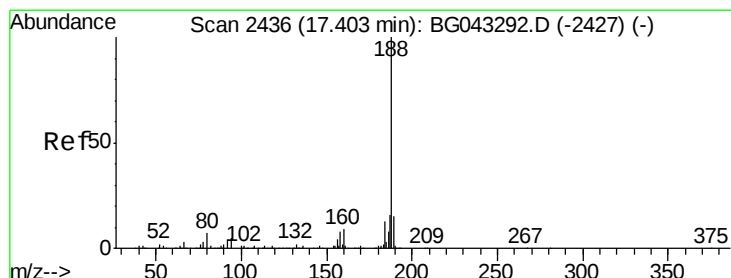
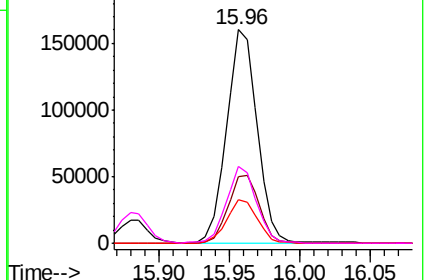
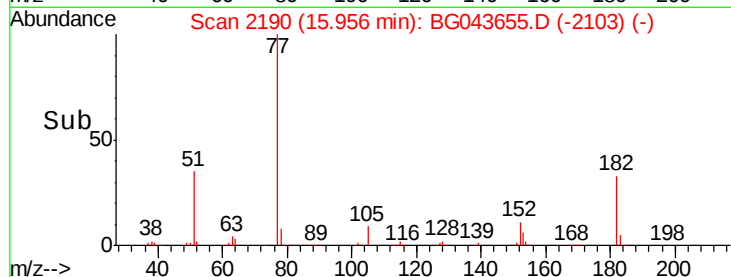


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

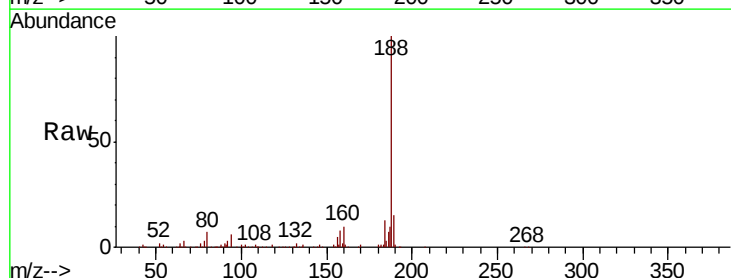
Tgt Ion: 188 Resp: 186245

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

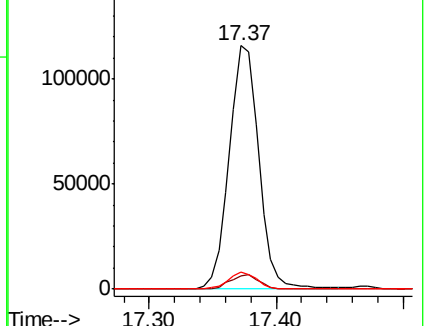
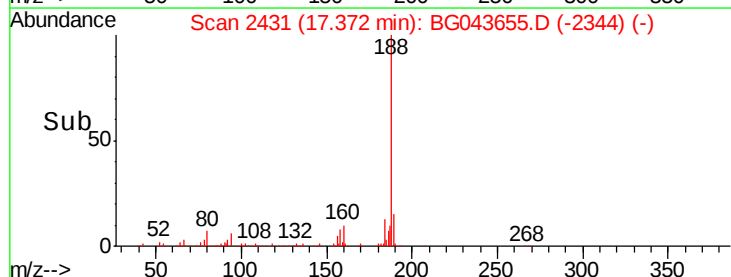
80 7.0 4.5 6.7#

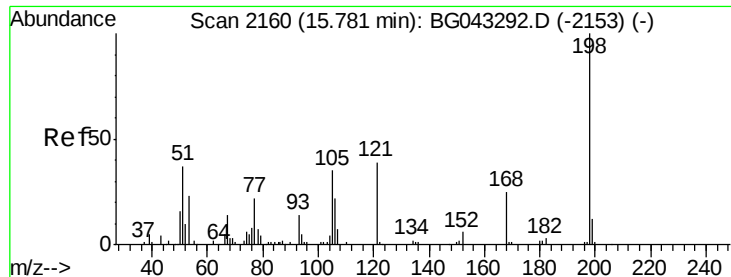


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.039 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

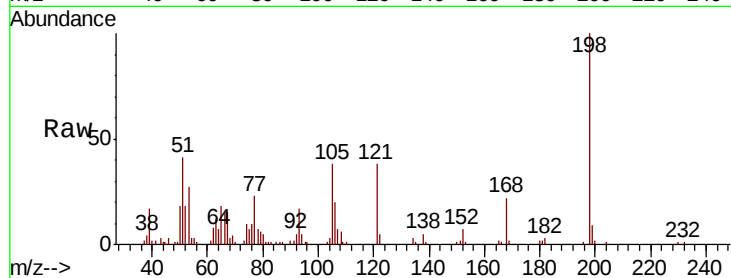
BNA_G

ClientSampleId :

PB124801BS

Tot Ion:198 Resp: 53750

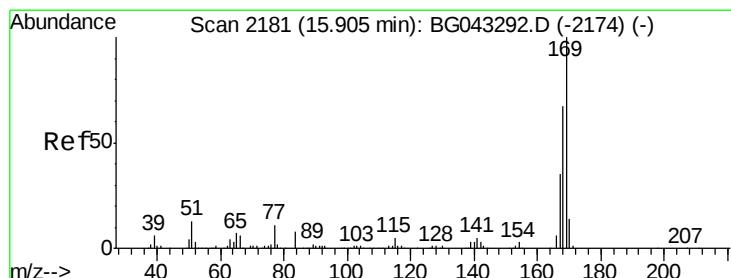
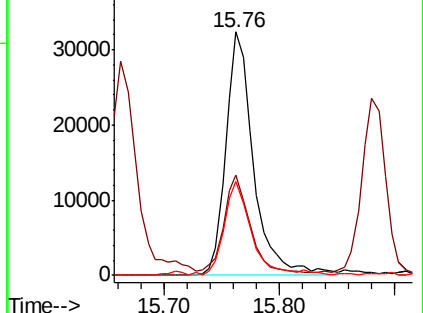
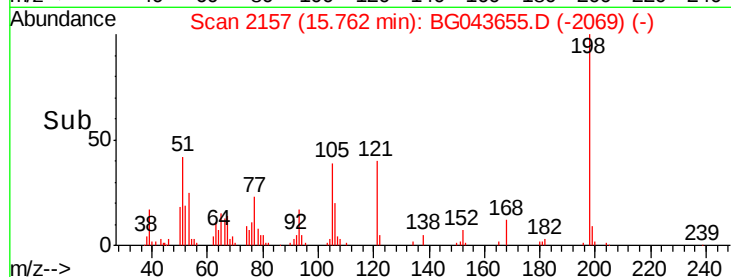
Ion	Ratio	Lower	Upper
198	100		
51	41.4	13.2	53.2
105	38.4	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.834 ng

RT: 15.89 min Scan# 2178

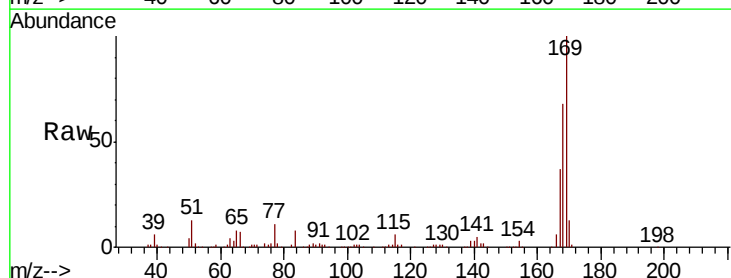
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:169 Resp: 251522

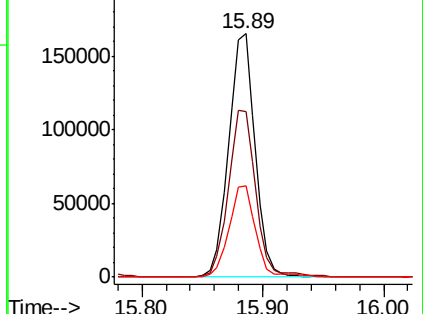
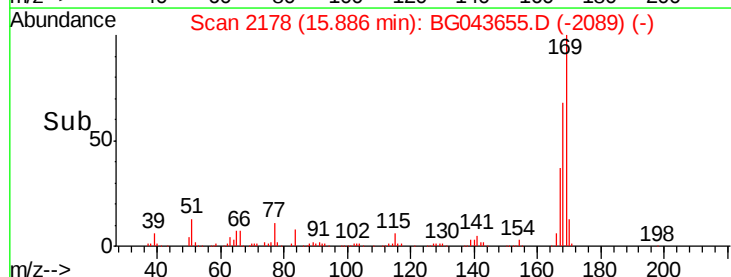
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.8	80.6
167	37.5	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

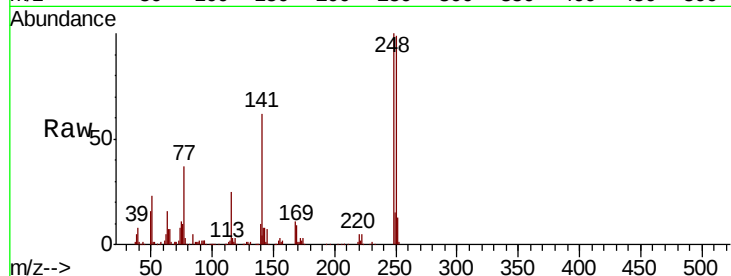




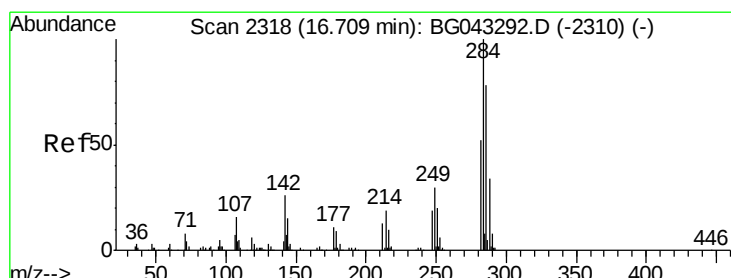
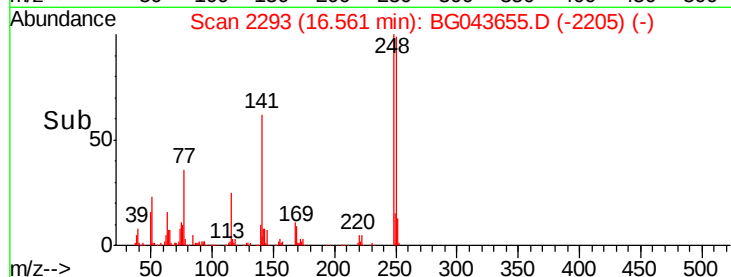
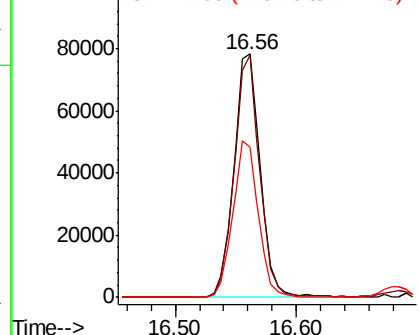
#67
4-Bromophenyl-phenylether
Concen: 47.310 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:248 Resp: 118580
Ion Ratio Lower Upper
248 100
250 99.3 77.0 115.4
141 61.5 47.5 71.3

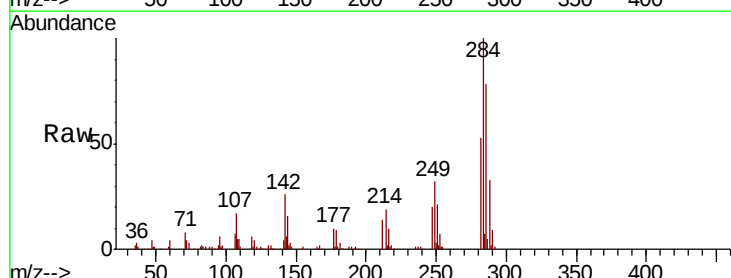


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

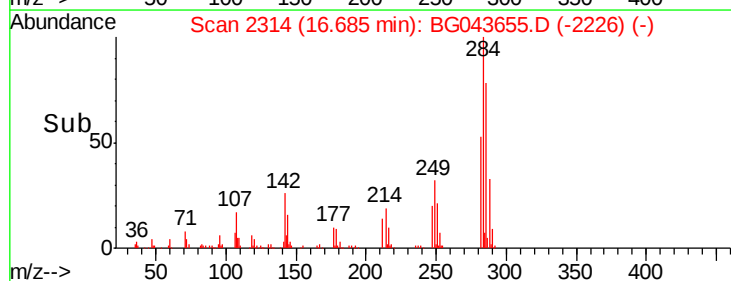
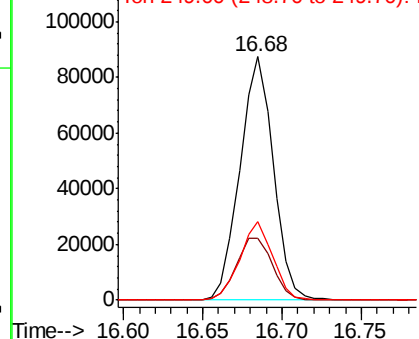


#68
Hexachlorobenzene
Concen: 44.372 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:284 Resp: 127662
Ion Ratio Lower Upper
284 100
142 25.7 19.8 29.8
249 32.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

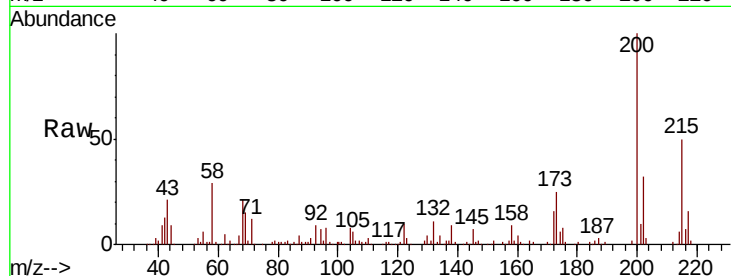




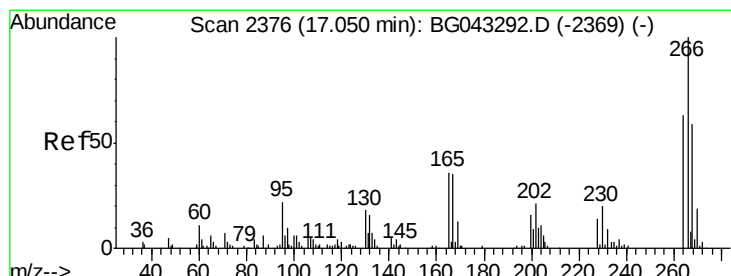
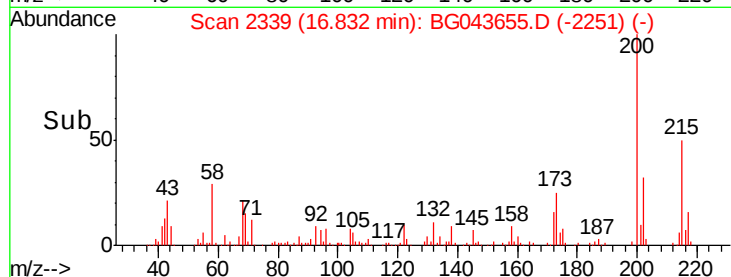
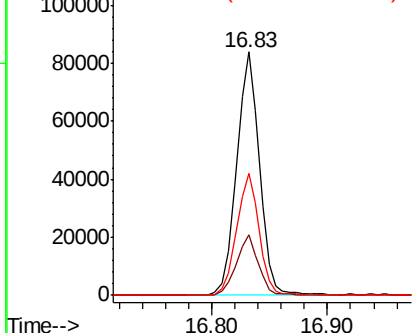
#69
Atrazine
Concen: 62.870 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:200 Resp: 114869
Ion Ratio Lower Upper
200 100
173 24.6 4.7 44.7
215 50.3 28.5 68.5

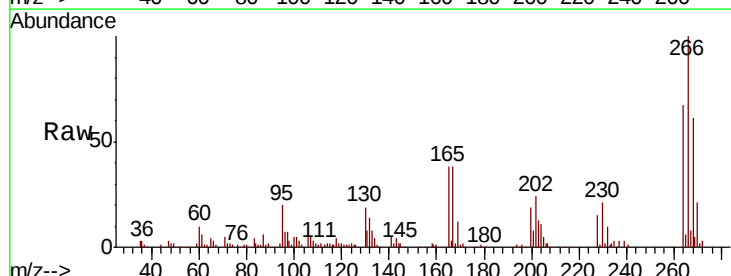


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

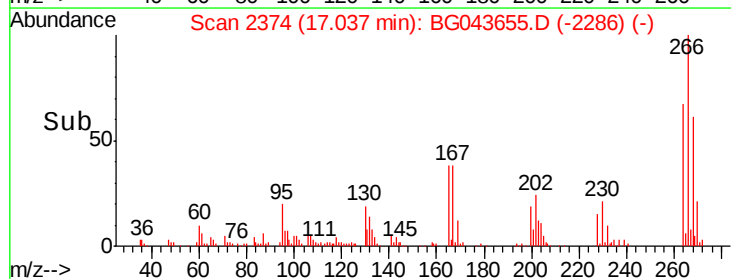
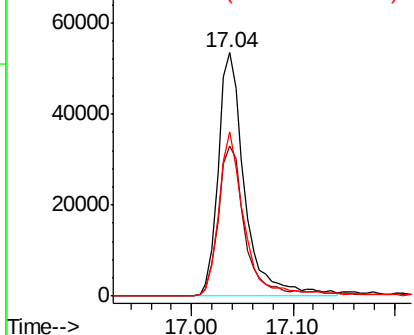


#70
Pentachlorophenol
Concen: 74.158 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:266 Resp: 97220
Ion Ratio Lower Upper
266 100
268 61.5 50.4 75.6
264 67.2 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

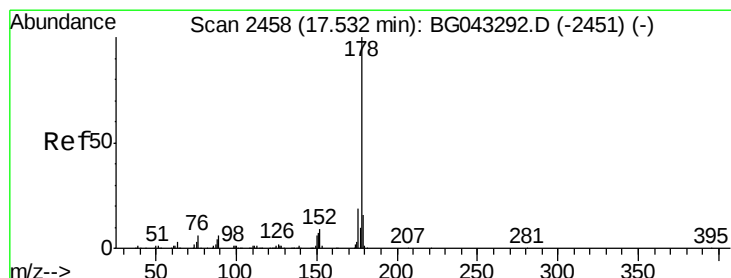
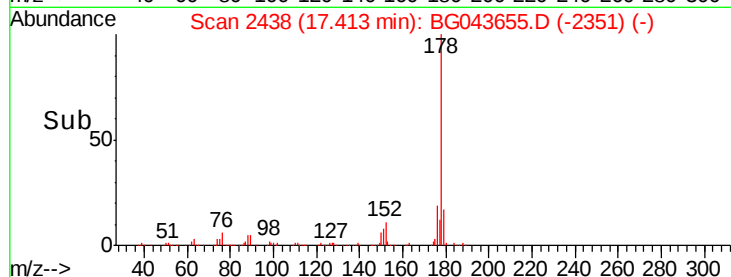
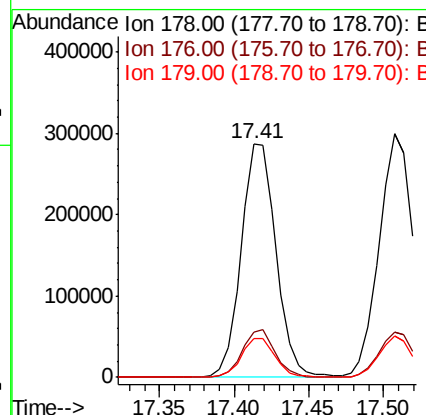
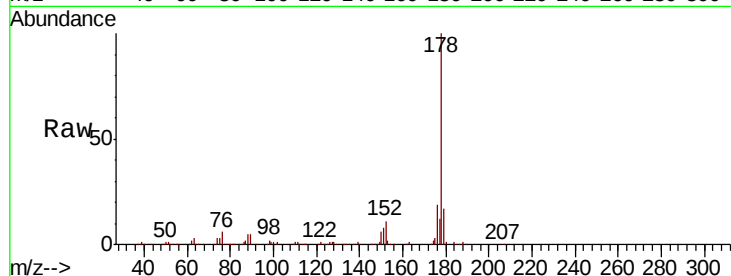




#71
Phenanthrene
Concen: 48.687 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

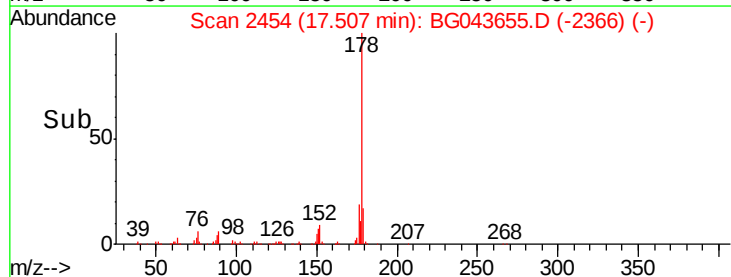
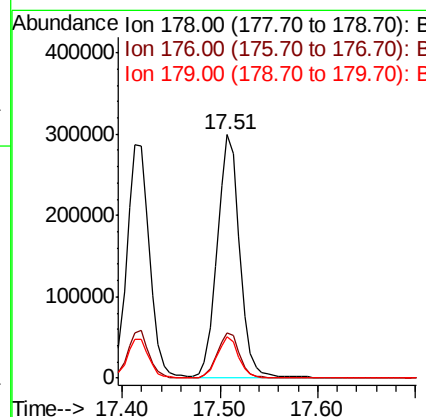
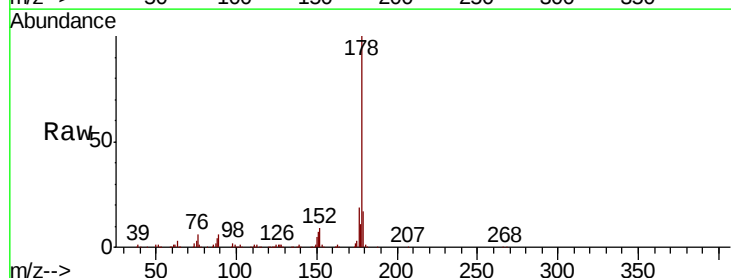
Instrument :
BNA_G
ClientSampleId :
PB124801BS

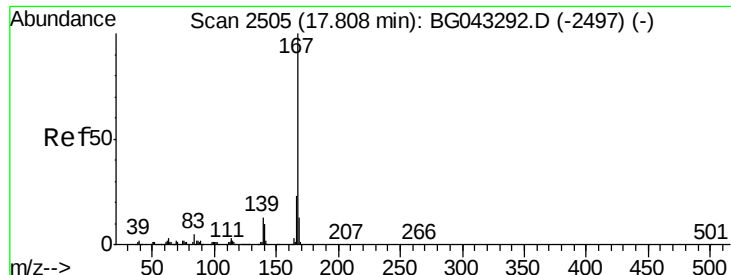
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.7	13.0	19.6



#72
Anthracene
Concen: 49.972 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.7	13.7	20.5

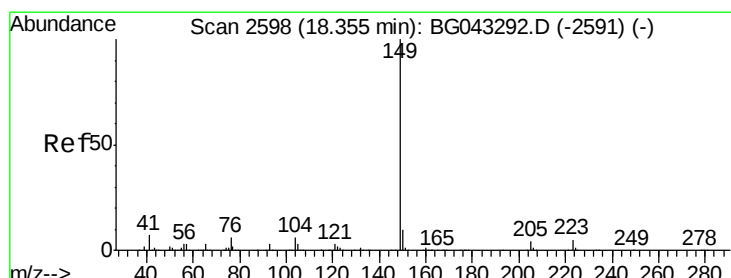
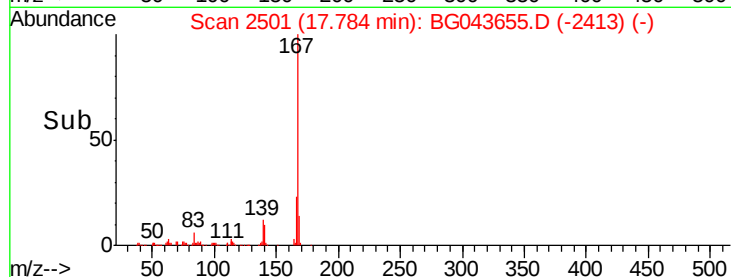
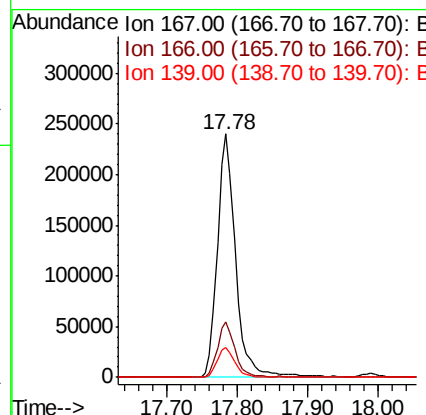
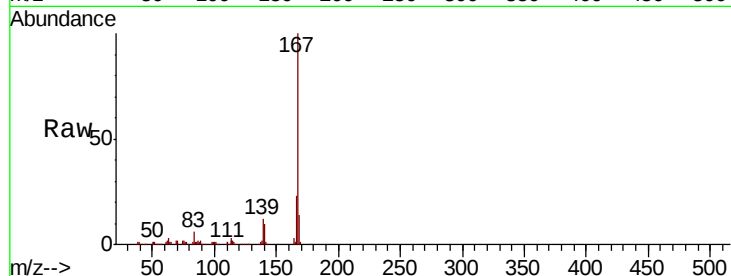




#73
 Carbazole
 Concen: 50.002 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

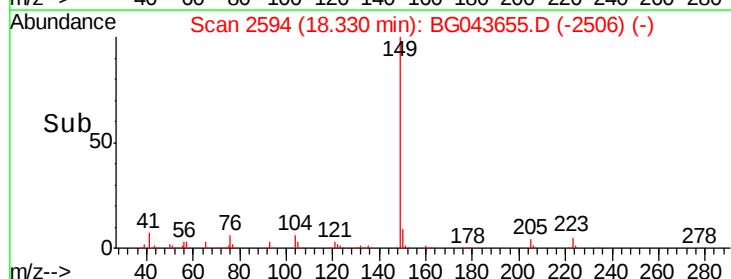
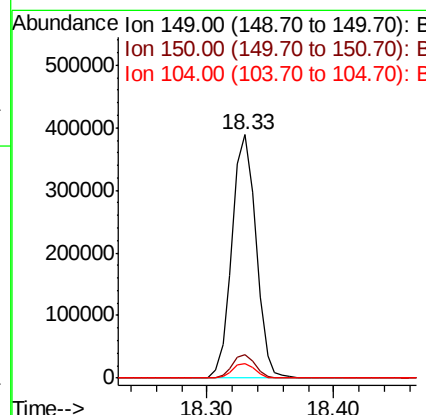
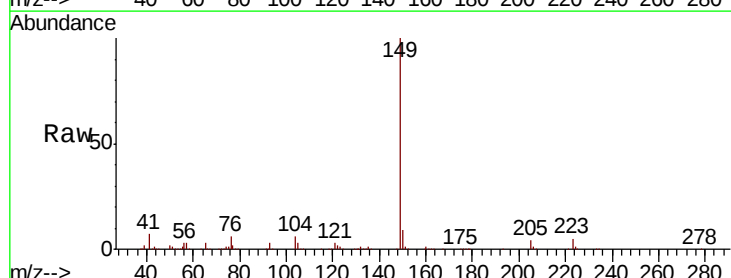
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

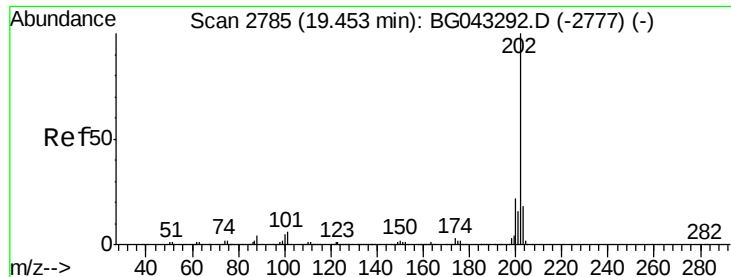
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.7	28.1
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 48.772 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043655.D
 Acq: 15 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 50.284 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

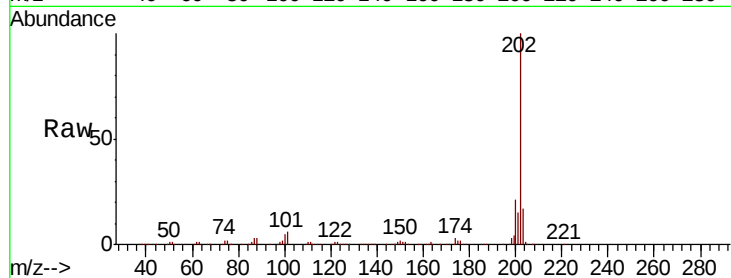
Tot Ion:202 Resp: 625209

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.3

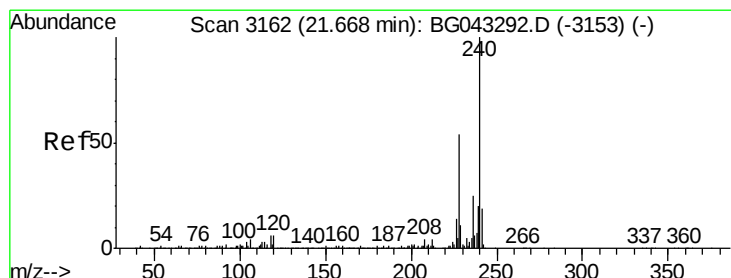
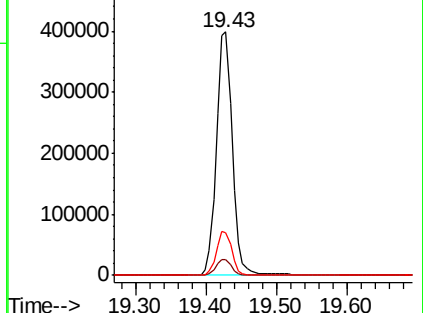
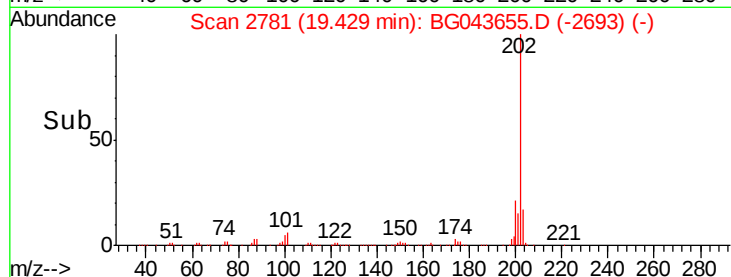
203 17.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

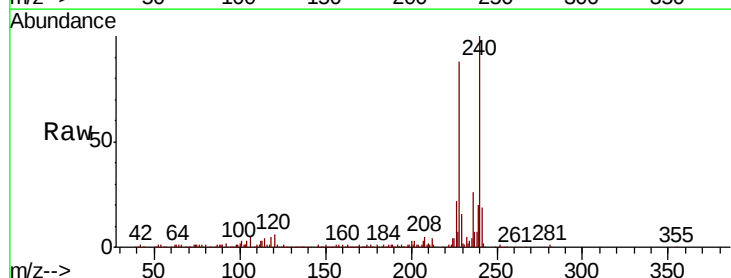
Tgt Ion:240 Resp: 202832

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

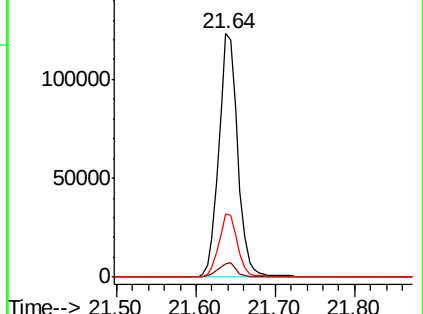
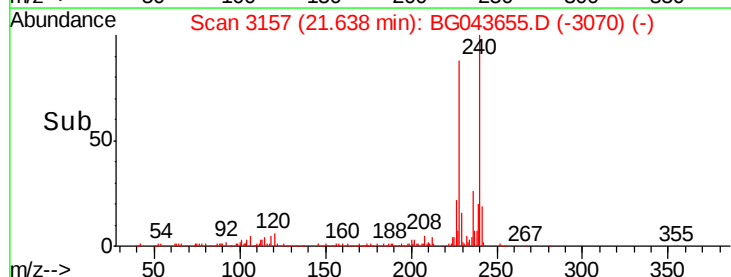
236 26.1 19.8 29.8

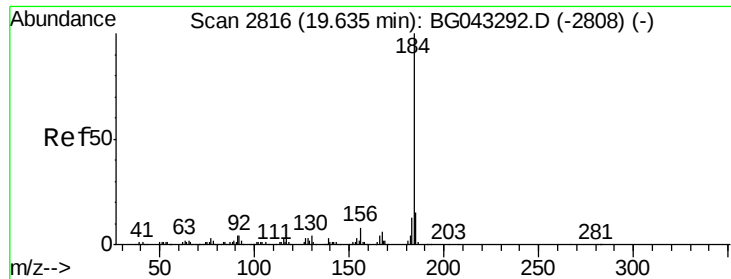


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.510 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

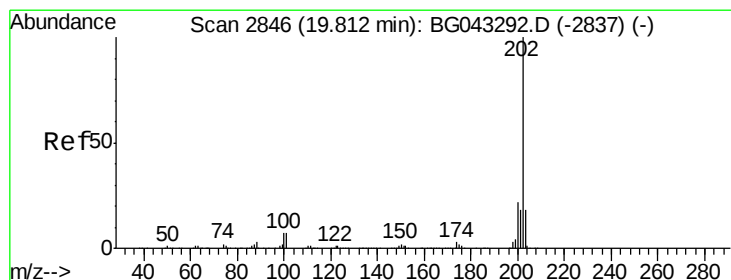
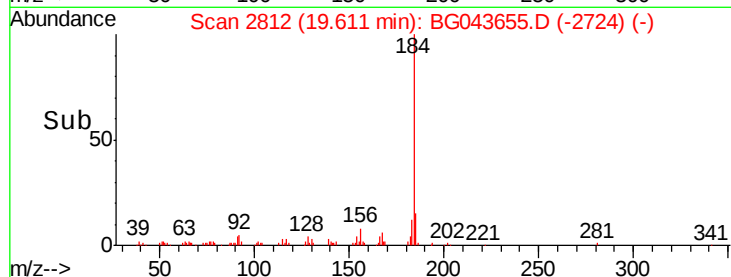
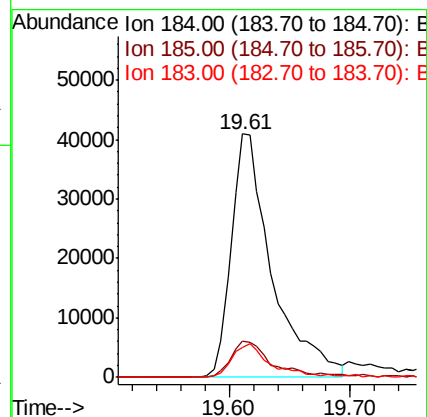
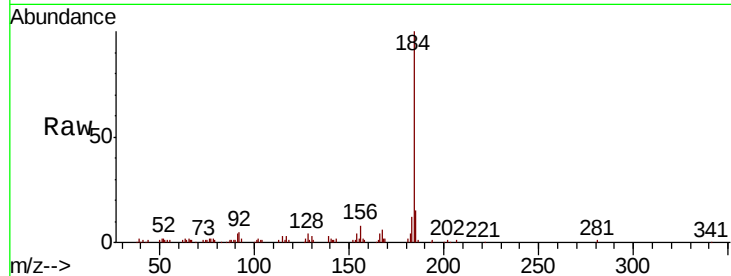
Tot Ion:184 Resp: 95969

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

183 12.4 10.0 15.0



#78

Pyrene

Concen: 49.737 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

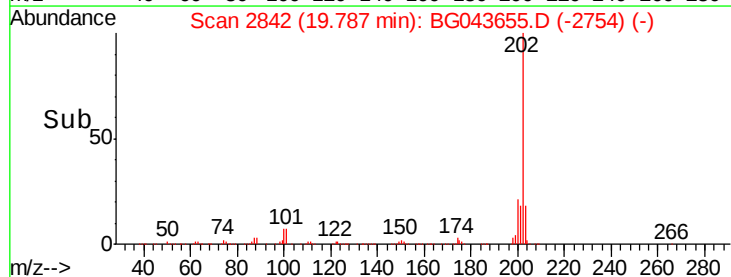
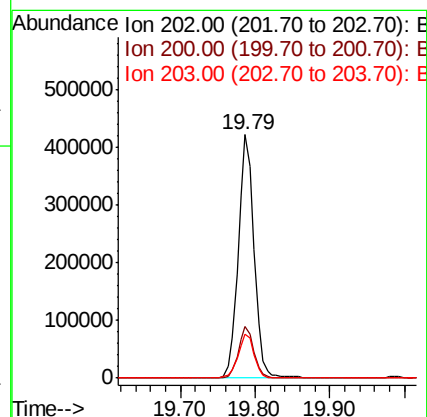
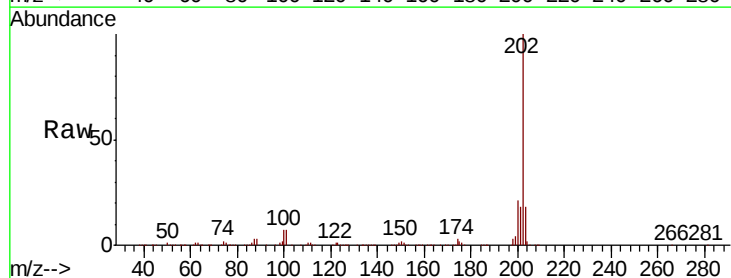
Tgt Ion:202 Resp: 624455

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.8 14.7 22.1





#79

Terphenyl-d14

Concen: 98.426 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

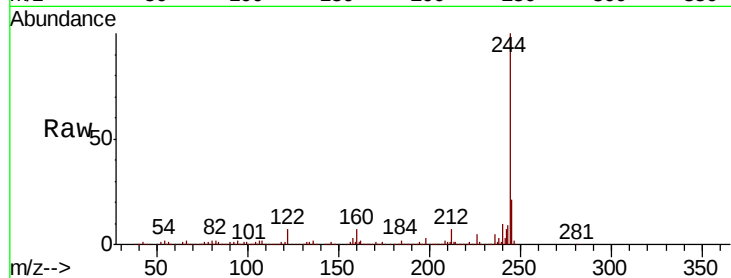
Tot Ion:244 Resp: 1064142

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

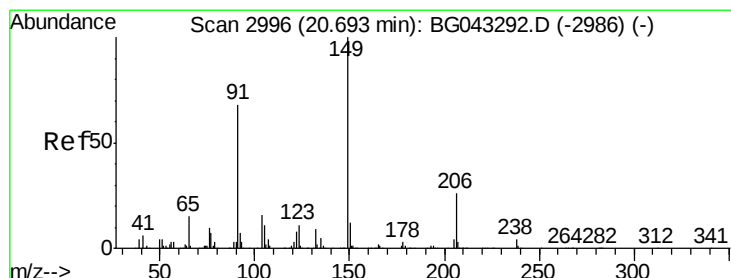
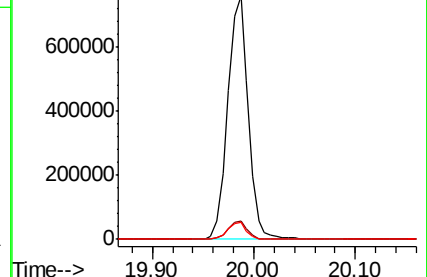
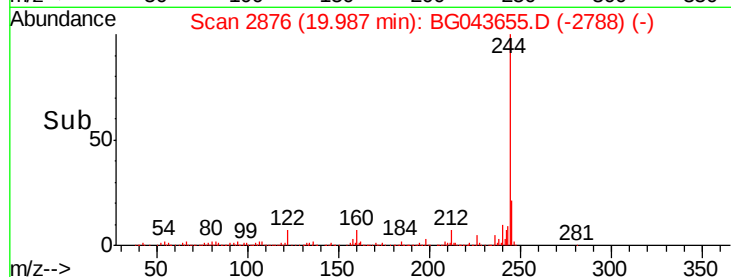
122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.207 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

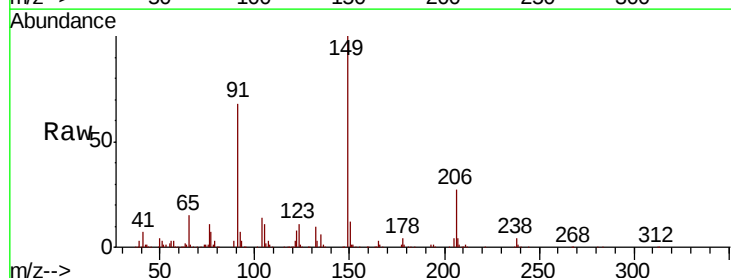
Tgt Ion:149 Resp: 234058

Ion Ratio Lower Upper

149 100

91 68.3 51.2 76.8

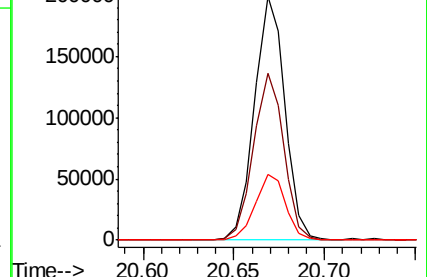
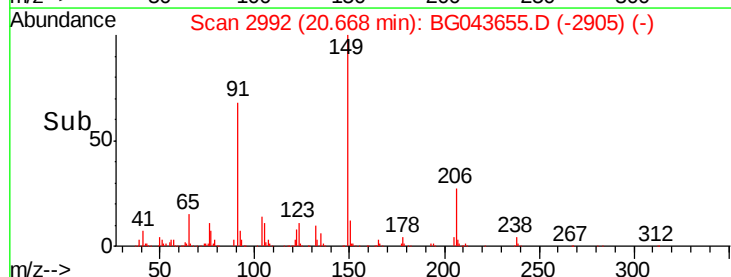
206 26.8 22.5 33.7

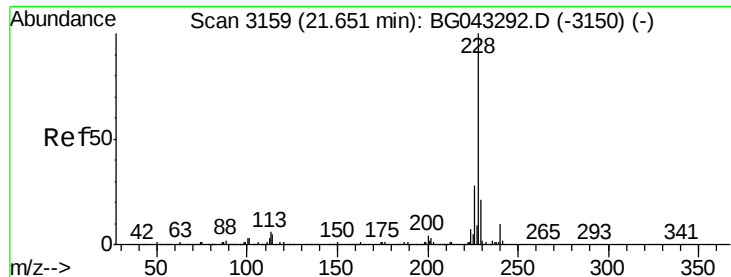


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.642 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

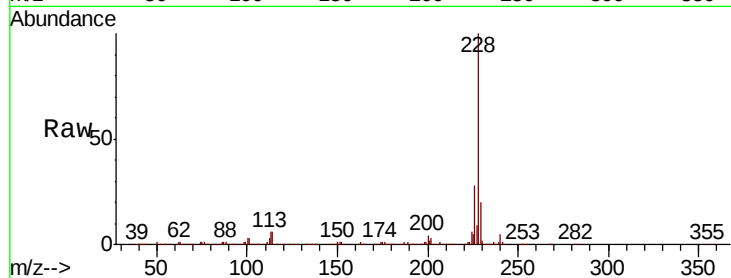
BNA_G

ClientSampleId :

PB124801BS

Tot Ion:228 Resp: 643418

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.1	17.0	25.4

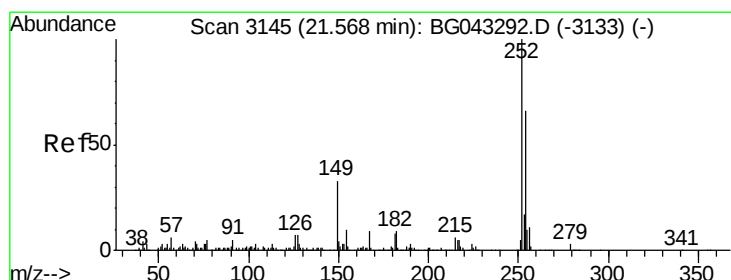
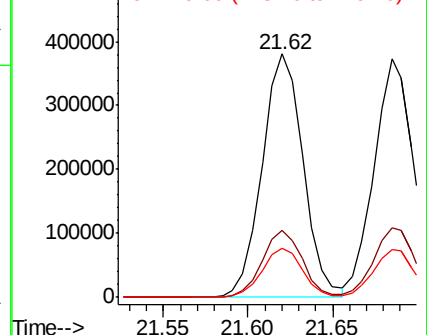
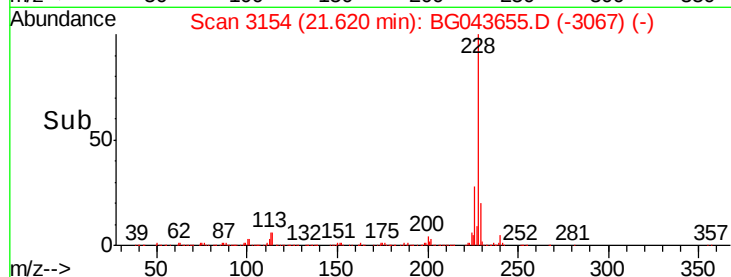


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.361 ng

RT: 21.54 min Scan# 3140

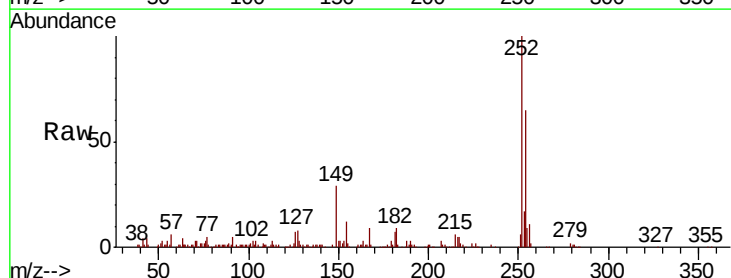
Delta R.T. -0.01 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Tgt Ion:252 Resp: 163943

Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	7.0	6.1	9.1

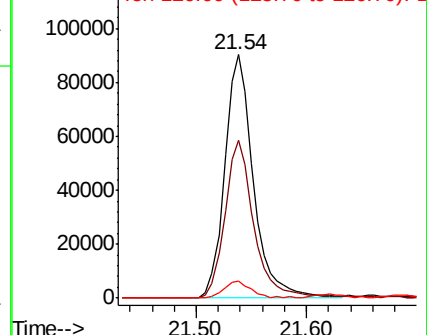
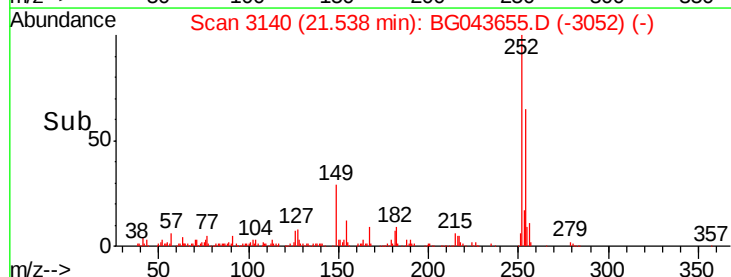


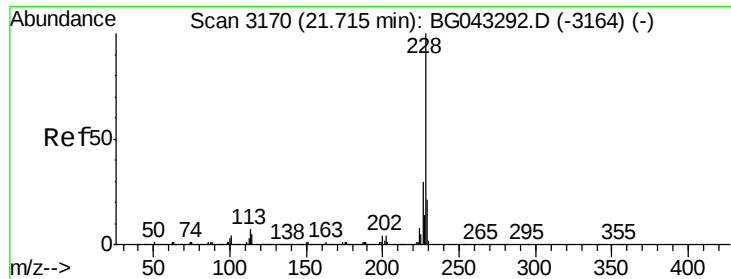
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.141 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

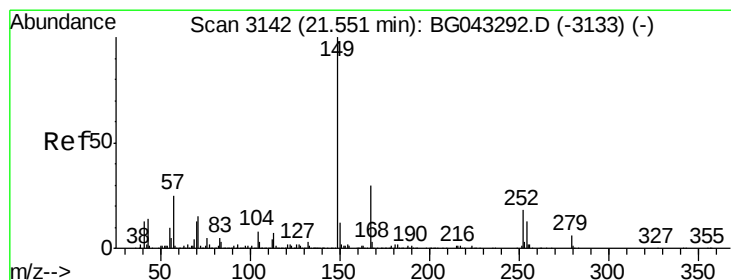
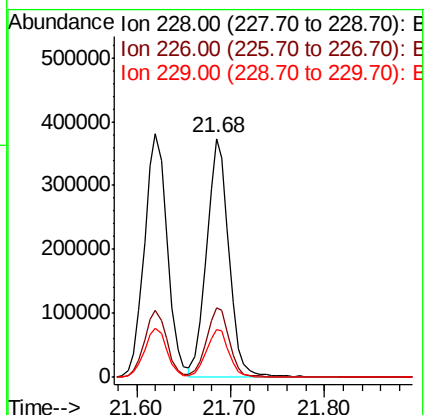
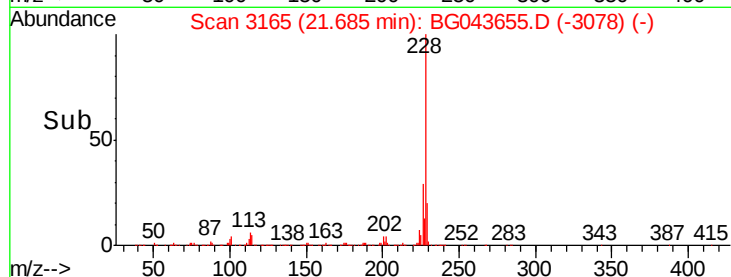
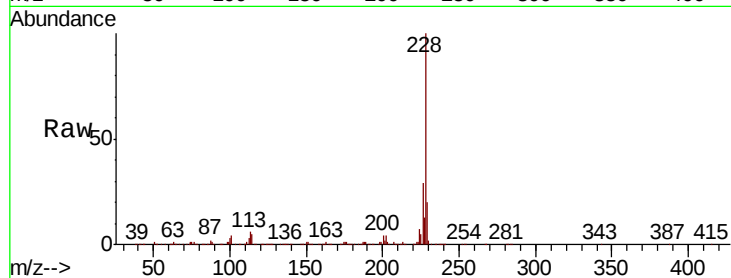
Tot Ion:228 Resp: 620343

Ion Ratio Lower Upper

228 100

226 29.3 25.1 37.7

229 19.9 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.288 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

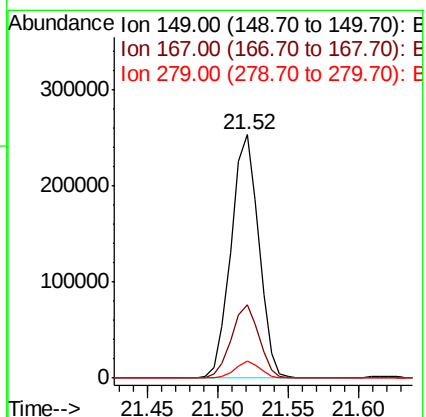
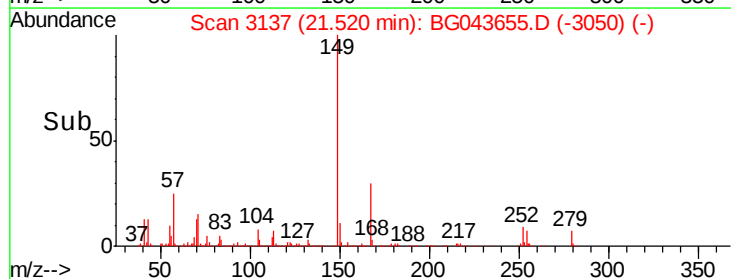
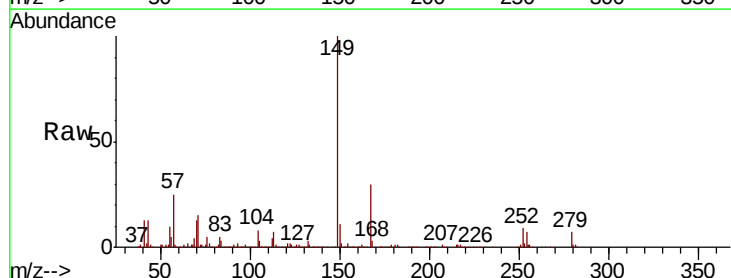
Tgt Ion:149 Resp: 346541

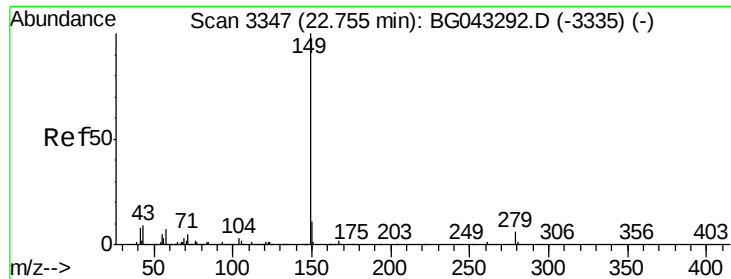
Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

279 7.2 5.4 8.2





#85

Di-n-octyl phthalate

Concen: 52.037 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

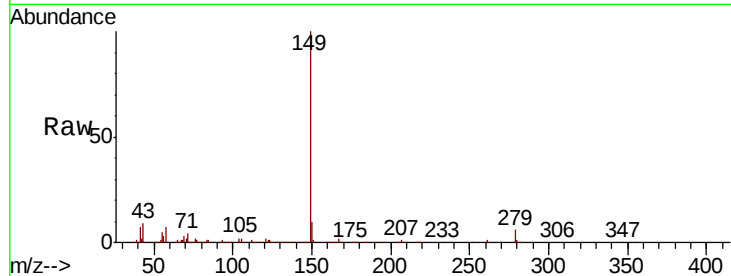
Tot Ion:149 Resp: 596521

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

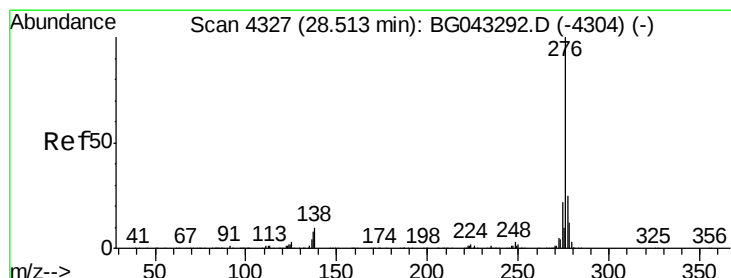
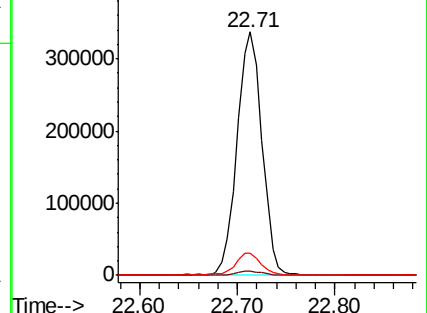
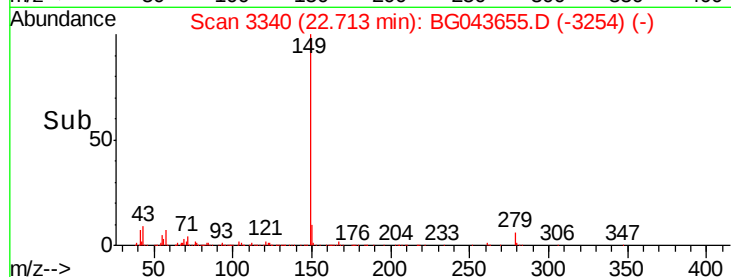
43 9.2 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.259 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.04 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

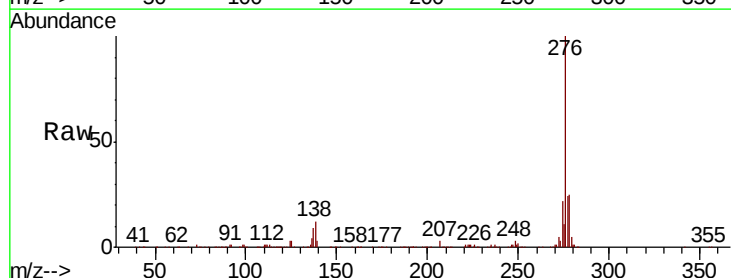
Tgt Ion:276 Resp: 812241

Ion Ratio Lower Upper

276 100

138 7.8 6.8 10.2

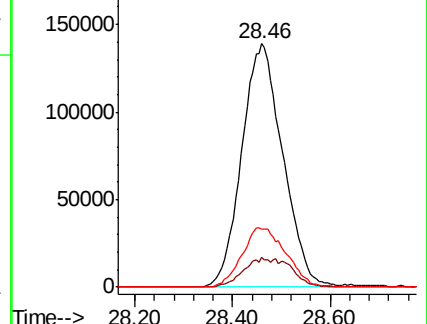
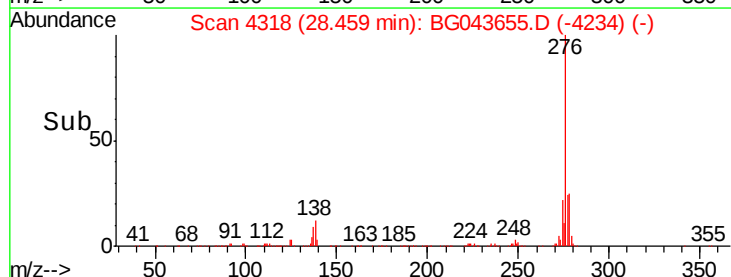
277 26.1 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



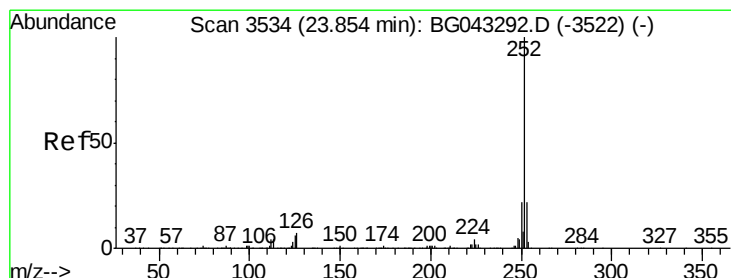
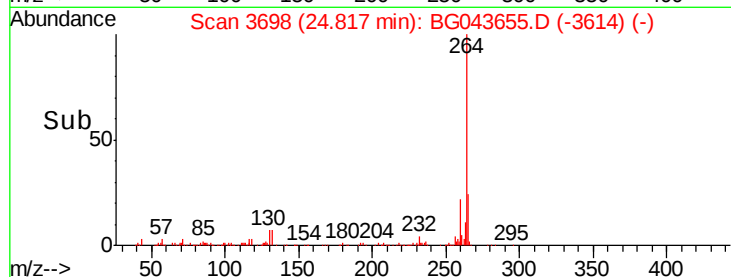
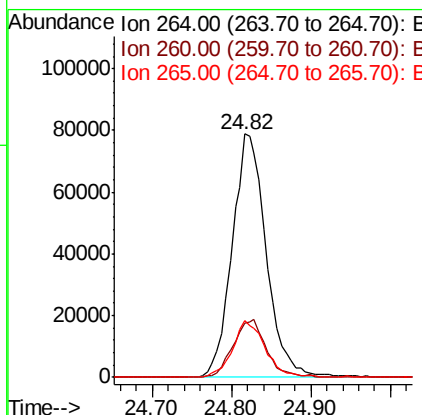
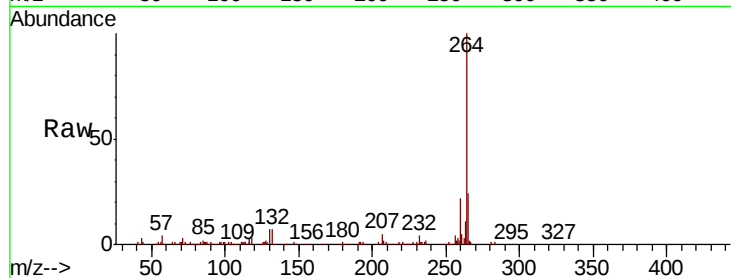


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:264 Resp: 233837

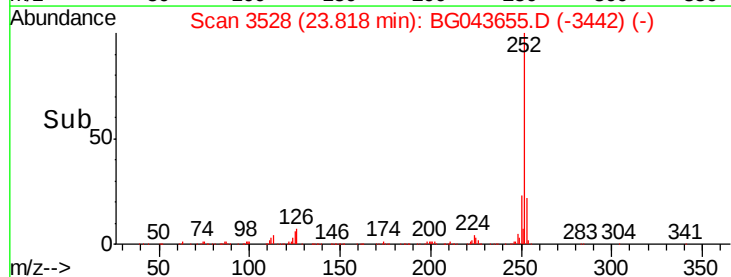
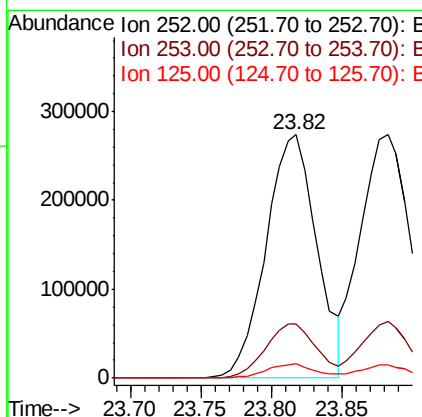
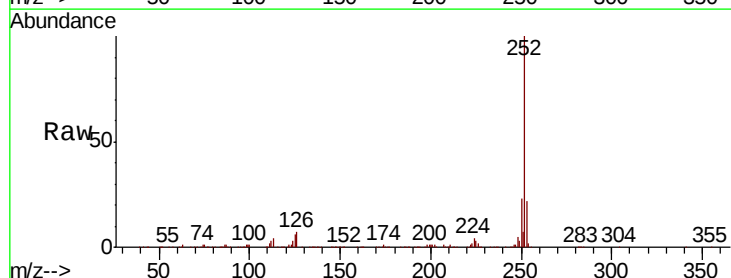
Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	23.5	17.4	26.0

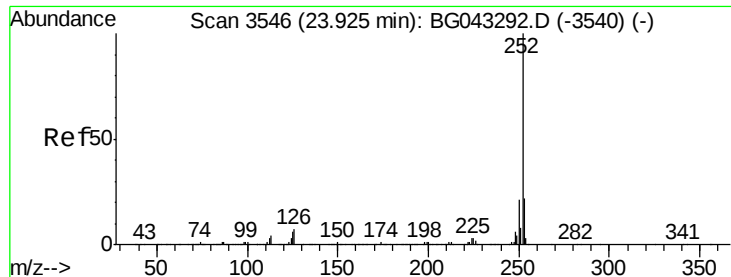


#88
Benzo(b)fluoranthene
Concen: 51.961 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG043655.D
Acq: 15 Nov 2019 17:57

Tgt Ion:252 Resp: 688156

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.8	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 51.400 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

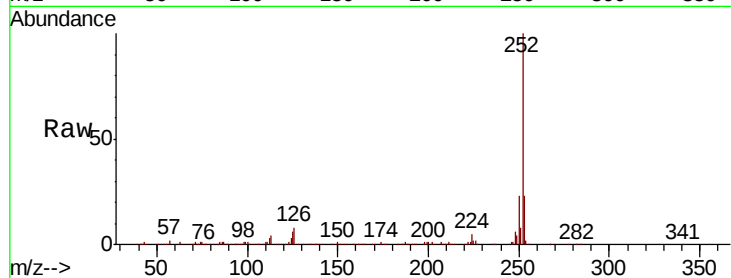
Tot Ion:252 Resp: 685296

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

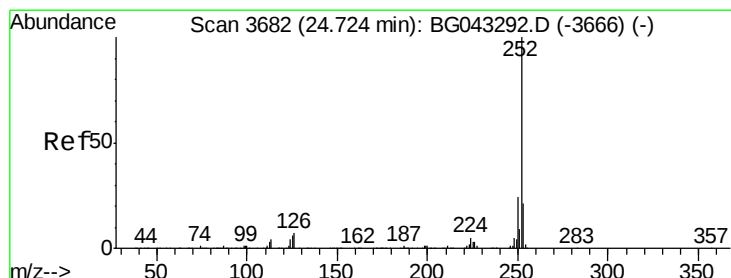
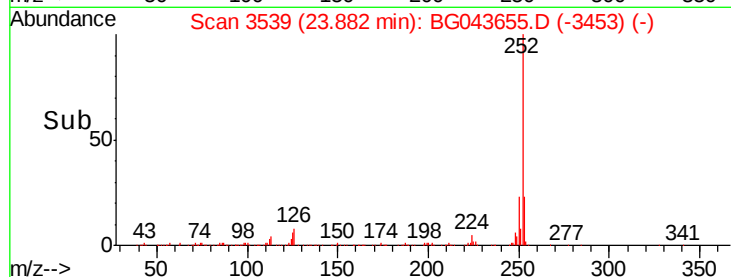
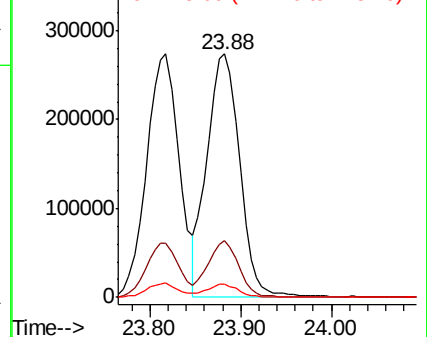
125 5.6 4.6 6.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.624 ng

RT: 24.68 min Scan# 3674

Delta R.T. -0.02 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

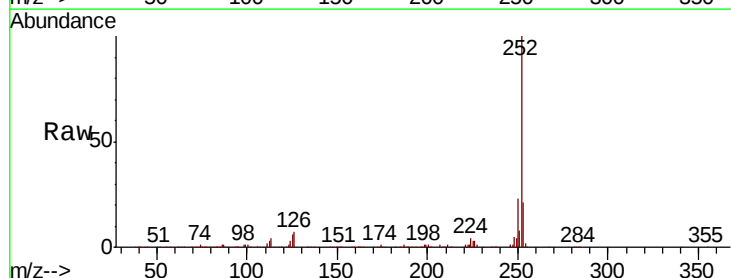
Tgt Ion:252 Resp: 627592

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

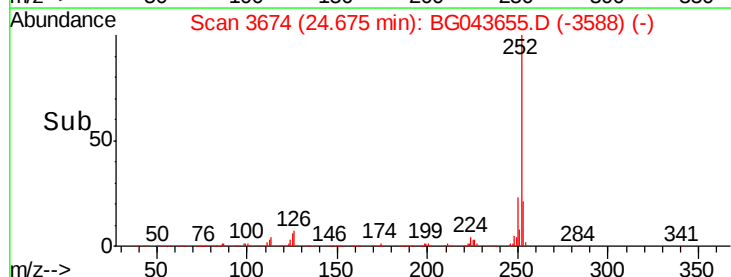
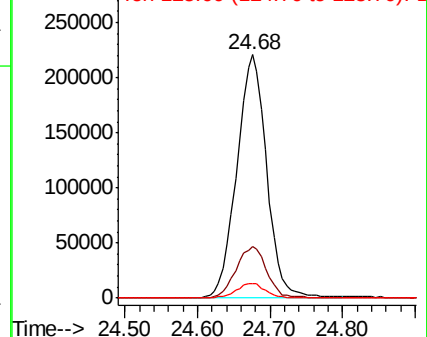
125 6.1 5.4 8.2

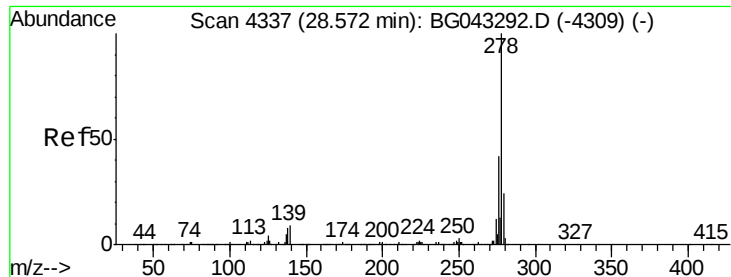


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.434 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.05 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB124801BS

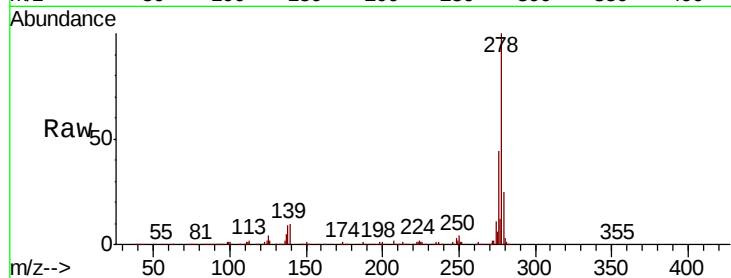
Tot Ion:278 Resp: 691213

Ion Ratio Lower Upper

278 100

139 10.0 7.4 11.0

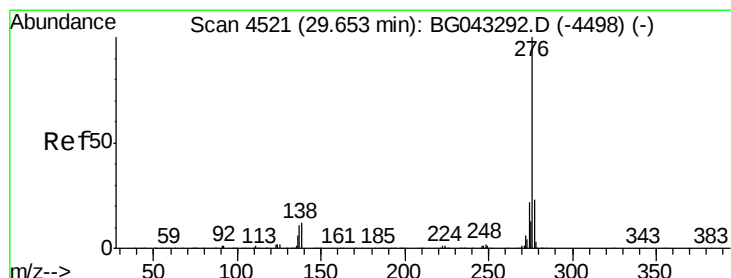
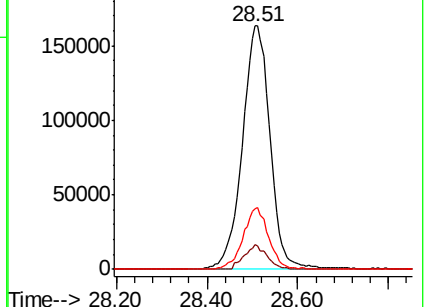
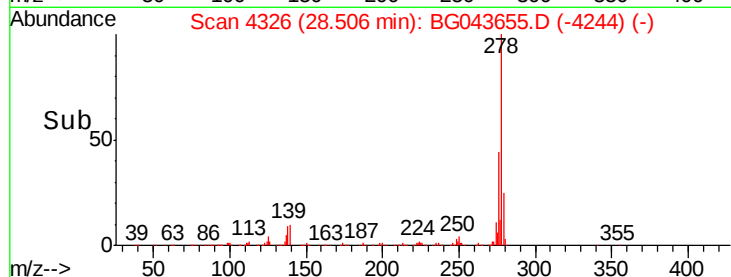
279 24.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.617 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.04 min

Lab File: BG043655.D

Acq: 15 Nov 2019 17:57

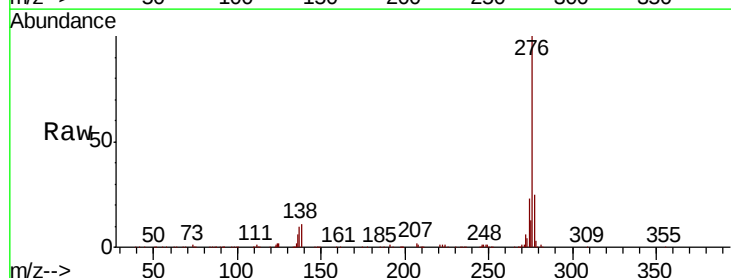
Tgt Ion:276 Resp: 684154

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 11.4 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

