

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043557.D
 Acq On : 8 Nov 2019 3:14
 Operator : JU
 Sample : PB124608BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Quant Time: Nov 08 04:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31717	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	118897	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87030	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	213223	20.00	ng	0.00
76) Chrysene-d12	21.66	240	222504	20.00	ng	0.00
87) Perylene-d12	24.85	264	260729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	166180	96.01	ng	0.01
7) Phenol-d6	7.21	99	147779	59.34	ng	0.02
23) Nitrobenzene-d5	9.17	82	207966	90.18	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	222841	134.55	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	553192	87.83	ng	0.00
79) Terphenyl-d14	20.00	244	1158746	97.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	17326	25.687	ng	97
3) Pyridine	3.88	79	13530	7.952	ng	91
4) n-Nitrosodimethylamine	3.78	42	25932	30.204	ng	83
6) Aniline	7.34	93	24044	8.381	ng	95
8) 2-Chlorophenol	7.59	128	93017	48.683	ng	98
9) Benzaldehyde	7.15	77	31409	25.664	ng	87
10) Phenol	7.24	94	61580	27.061	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	75971	43.181	ng	97
12) 1,3-Dichlorobenzene	7.89	146	101013	42.196	ng	96
13) 1,4-Dichlorobenzene	8.04	146	101538	41.922	ng	97
14) 1,2-Dichlorobenzene	8.36	146	98567	41.680	ng	95
15) Benzyl Alcohol	8.25	79	69763	39.889	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105247	41.140	ng	97
17) 2-Methylphenol	8.48	107	71878	43.328	ng	98
18) Hexachloroethane	9.09	117	36050	41.254	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	69250	43.034	ng	90
20) 3+4-Methylphenols	8.81	107	86863	38.185	ng	# 78
22) Acetophenone	8.83	105	142736	46.878	ng	# 92
24) Nitrobenzene	9.22	77	106828	48.626	ng	98
25) Isophorone	9.73	82	195330	46.326	ng	98
26) 2-Nitrophenol	9.93	139	56706	53.463	ng	95
27) 2,4-Dimethylphenol	10.00	122	88611	58.289	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	104351	44.841	ng	97
29) 2,4-Dichlorophenol	10.48	162	99351	51.007	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	109020	44.409	ng	96
31) Naphthalene	10.86	128	290210	48.087	ng	99
32) Benzoic acid	10.16	122	18072	21.683	ng	90
33) 4-Chloroaniline	10.99	127	19162	7.746	ng	95
34) Hexachlorobutadiene	11.15	225	74365	40.978	ng	96
35) Caprolactam	11.76	113	5573	8.308	ng	89
36) 4-Chloro-3-methylphenol	12.13	107	106966	50.346	ng	98
37) 2-Methylnaphthalene	12.47	142	219660	47.436	ng	98
38) 1-Methylnaphthalene	12.68	142	211662	48.040	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	143733	44.626	ng	98

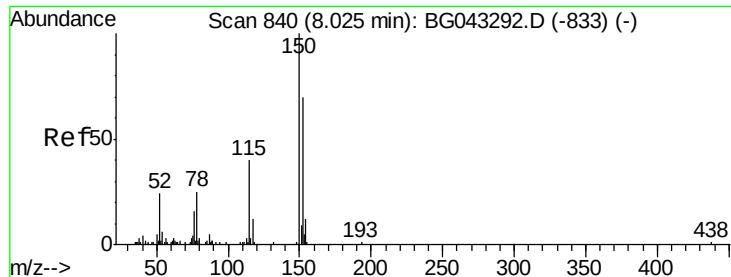
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043557.D
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 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	130703	77.251	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	93826	49.466	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	101626	52.996	ng	97
46) 1,1'-Biphenyl	13.47	154	299646	45.259	ng	99
47) 2-Chloronaphthalene	13.52	162	229104	45.479	ng	99
48) 2-Nitroaniline	13.73	65	71569	47.535	ng	98
49) Acenaphthylene	14.36	152	381487	48.658	ng	99
50) Dimethylphthalate	14.09	163	351181	52.096	ng	99
51) 2,6-Dinitrotoluene	14.22	165	69847	47.694	ng	96
52) Acenaphthene	14.70	154	227169	47.513	ng	95
53) 3-Nitroaniline	14.56	138	19928	14.094	ng	100
54) 2,4-Dinitrophenol	14.76	184	79722	86.522	ng	95
55) Dibenzofuran	15.04	168	375422	48.419	ng	99
56) 4-Nitrophenol	14.90	139	53484	56.446	ng	91
57) 2,4-Dinitrotoluene	15.00	165	101361	48.430	ng	# 98
58) Fluorene	15.69	166	315904	48.578	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	100906	49.527	ng	# 95
60) Diethylphthalate	15.45	149	310158	45.791	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	177949	46.907	ng	100
62) 4-Nitroaniline	15.72	138	64073	43.879	ng	94
63) Azobenzene	15.97	77	264689	48.285	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	64401	51.323	ng	94
66) n-Nitrosodiphenylamine	15.90	169	276190	45.880	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	130158	45.359	ng	96
68) Hexachlorobenzene	16.70	284	148184	44.988	ng	98
69) Atrazine	16.84	200	113674	54.344	ng	99
70) Pentachlorophenol	17.05	266	143361	95.518	ng	97
71) Phenanthrene	17.43	178	520756	47.694	ng	100
72) Anthracene	17.52	178	539050	49.344	ng	100
73) Carbazole	17.79	167	482892	48.813	ng	98
74) Di-n-butylphthalate	18.34	149	568445	47.357	ng	99
75) Fluoranthene	19.44	202	686279	48.212	ng	99
77) Benzidine	19.66	184	71156	15.890	ng	# 96
78) Pyrene	19.80	202	688426	49.985	ng	100
80) Butylbenzylphthalate	20.68	149	254022	48.682	ng	95
81) Benzo(a)anthracene	21.64	228	691267	49.598	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	109997	20.405	ng	99
83) Chrysene	21.70	228	679161	49.044	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	362705	48.934	ng	100
85) Di-n-octyl phthalate	22.73	149	624357	49.650	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	874767	50.324	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	718728	48.672	ng	98
89) Benzo(k)fluoranthene	23.91	252	734080	49.380	ng	98
90) Benzo(a)pyrene	24.70	252	666435	47.261	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	750874	52.059	ng	100
92) Benzo(g,h,i)perylene	29.64	276	738367	51.898	ng	99

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

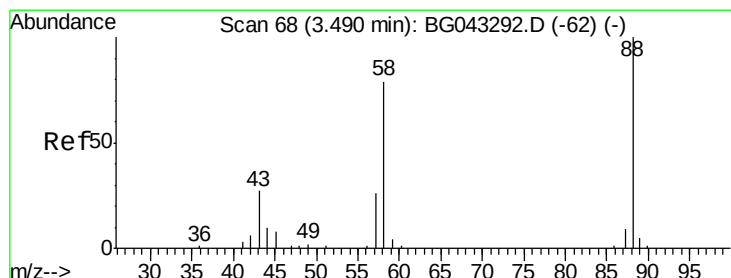
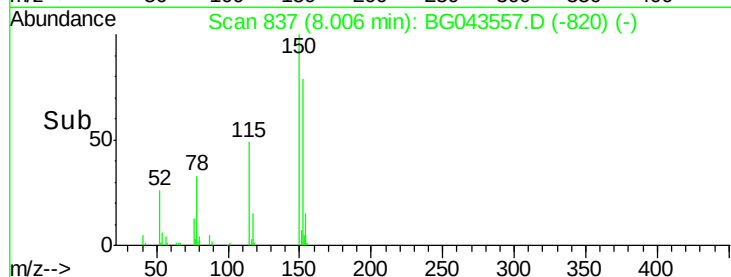
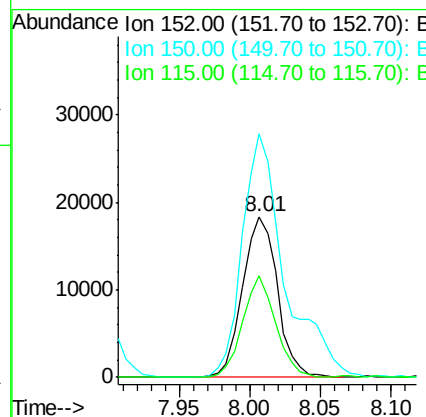
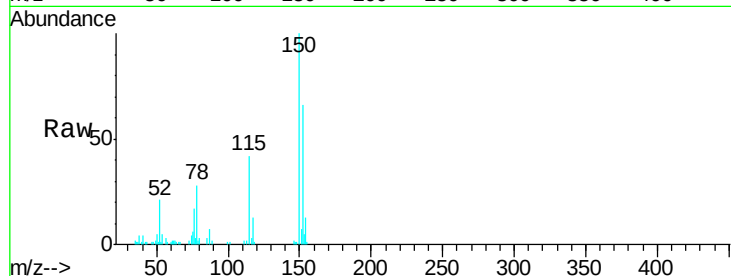


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

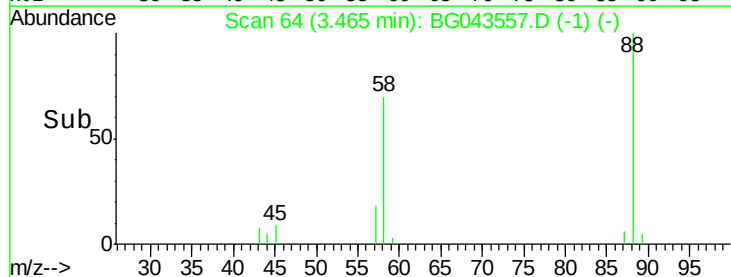
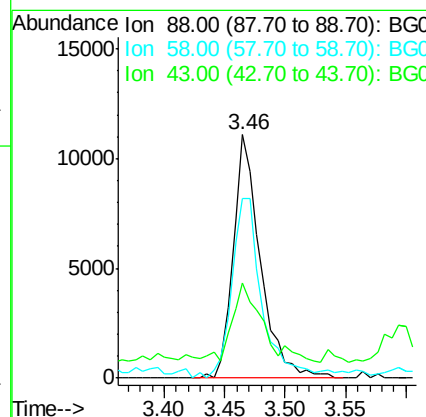
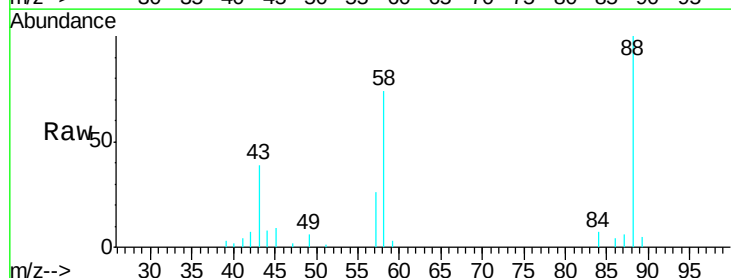
Tgt Ion:152 Resp: 31717
Ion Ratio Lower Upper
152 100
150 151.3 129.4 194.0
115 62.8 48.8 73.2

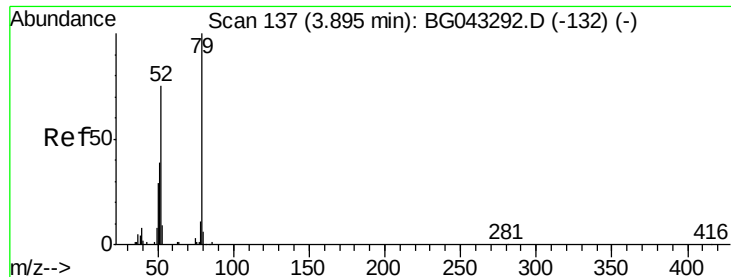


#2

1,4-Dioxane
Concen: 25.687 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion: 88 Resp: 17326
Ion Ratio Lower Upper
88 100
58 81.3 62.7 94.1
43 29.2 23.7 35.5





#3

Pyridine

Concen: 7.952 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

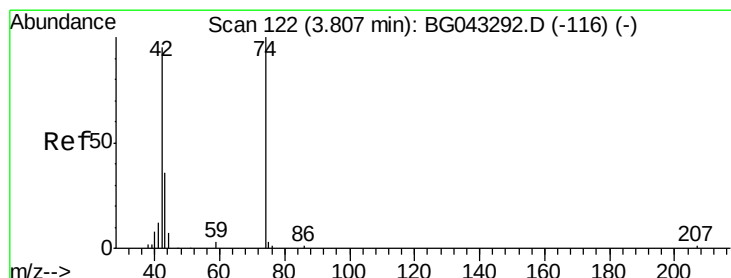
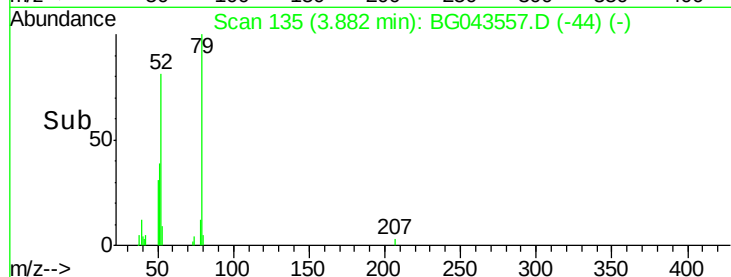
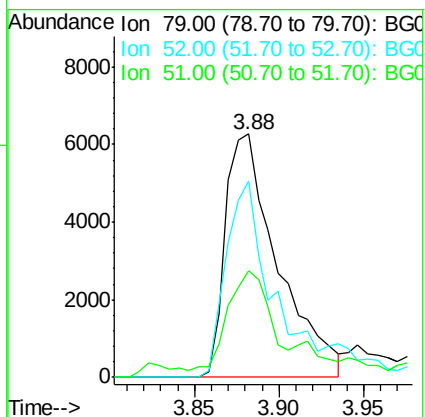
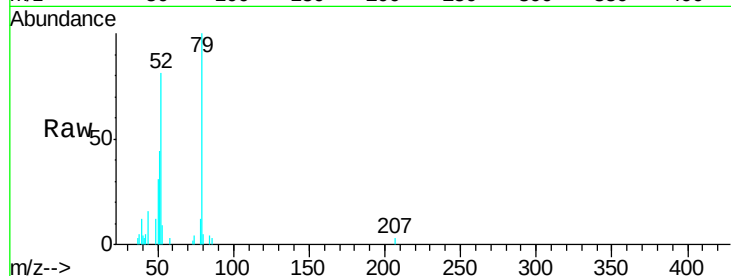
Tgt Ion: 79 Resp: 13530

Ion Ratio Lower Upper

79 100

52 80.6 56.5 84.7

51 44.0 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 30.204 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

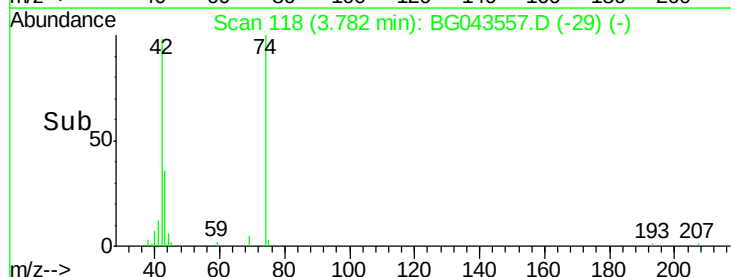
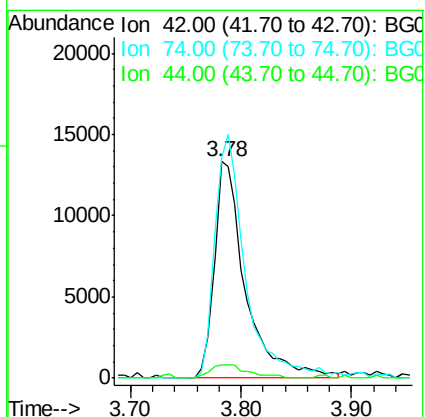
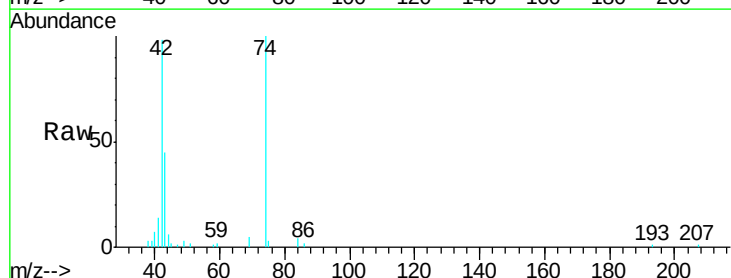
Tgt Ion: 42 Resp: 25932

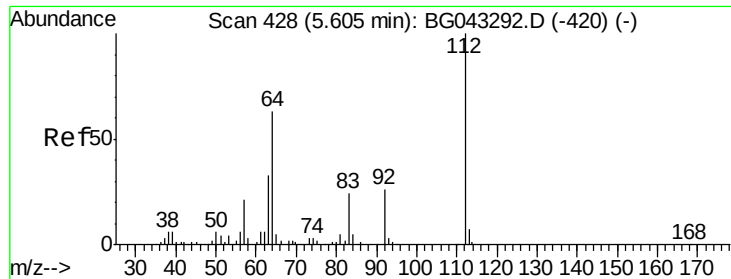
Ion Ratio Lower Upper

42 100

74 102.2 97.3 145.9

44 6.1 4.4 6.6





#5

2-Fluorophenol

Concen: 96.010 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

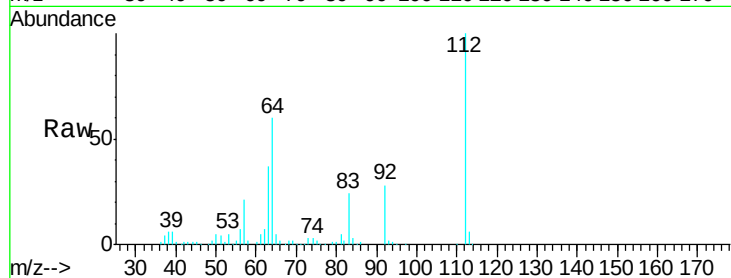
Tgt Ion: 112 Resp: 166180

Ion Ratio Lower Upper

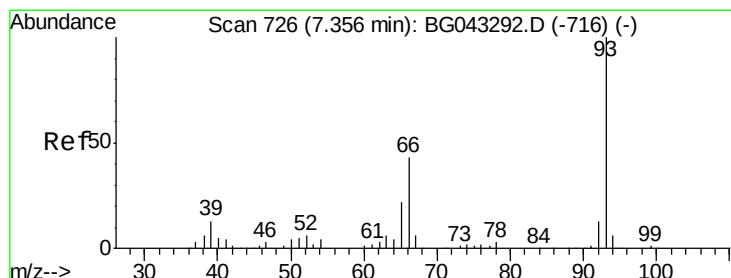
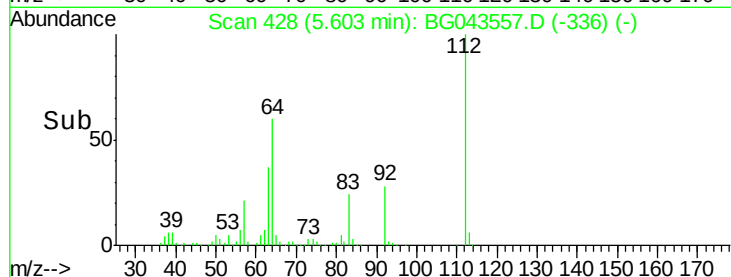
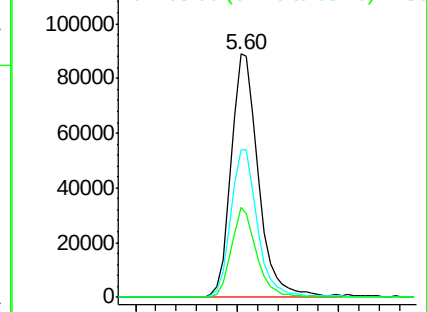
112 100

64 60.4 50.0 75.0

63 37.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.381 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

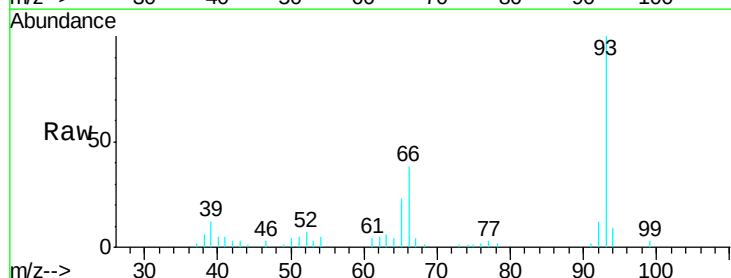
Tgt Ion: 93 Resp: 24044

Ion Ratio Lower Upper

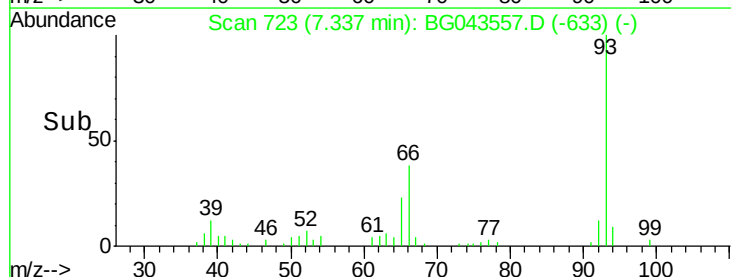
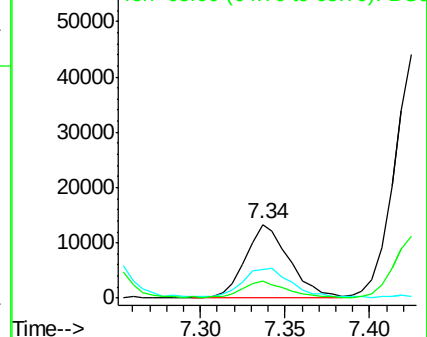
93 100

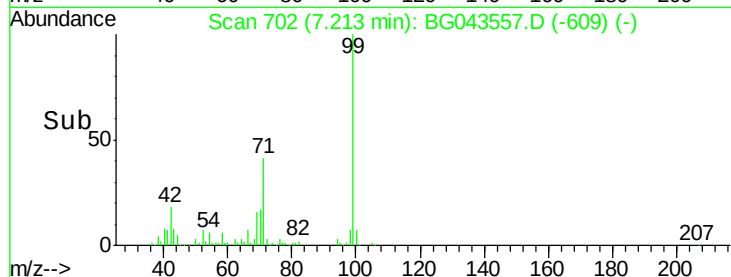
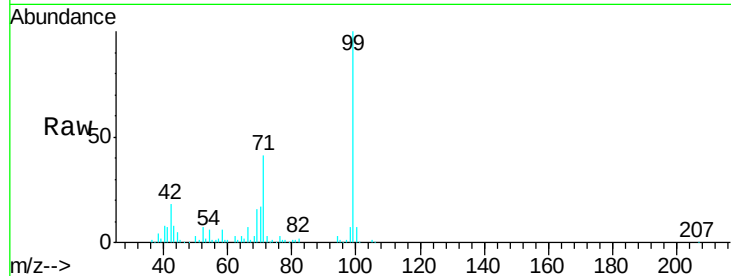
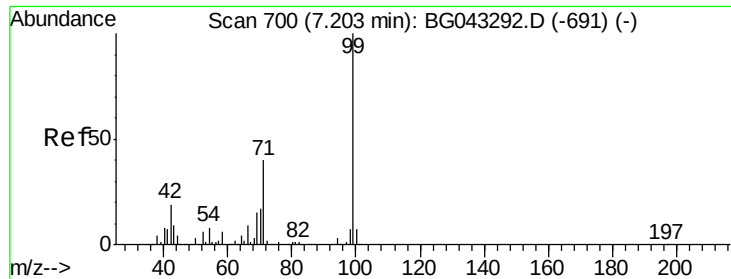
66 37.9 32.3 48.5

65 23.1 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: 59.342 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

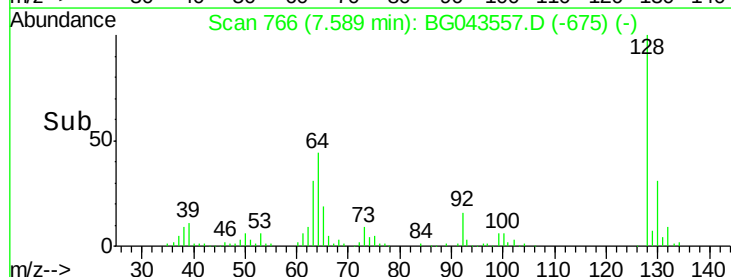
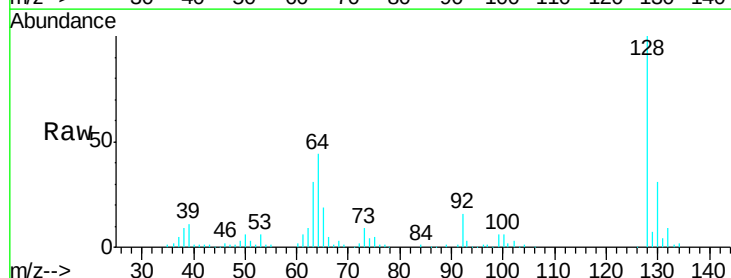
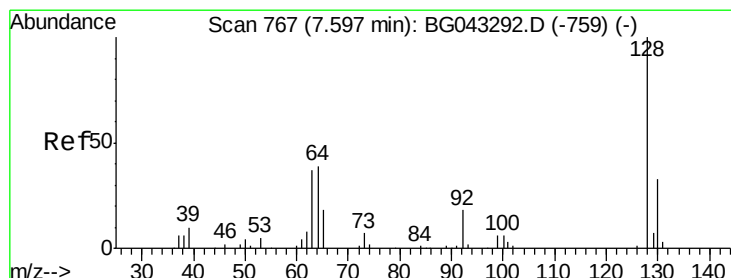
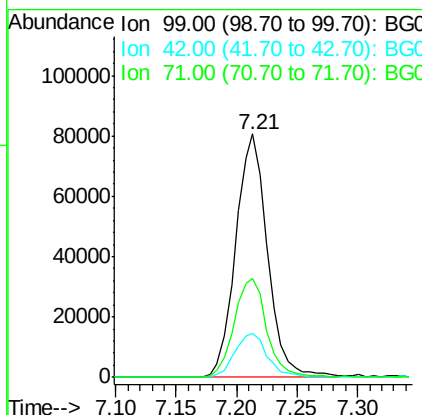
Tgt Ion: 99 Resp: 147779

Ion Ratio Lower Upper

99 100

42 17.9 14.6 21.8

71 40.6 32.5 48.7



#8

2-Chlorophenol

Concen: 48.683 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

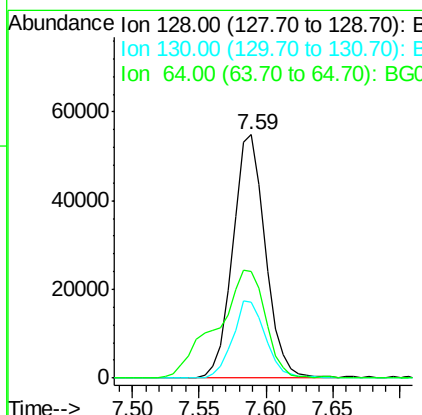
Tgt Ion: 128 Resp: 93017

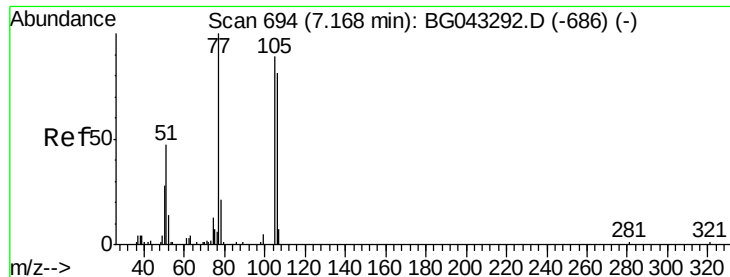
Ion Ratio Lower Upper

128 100

130 31.0 12.5 52.5

64 43.9 25.3 65.3





#9

Benzaldehyde

Concen: 25.664 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

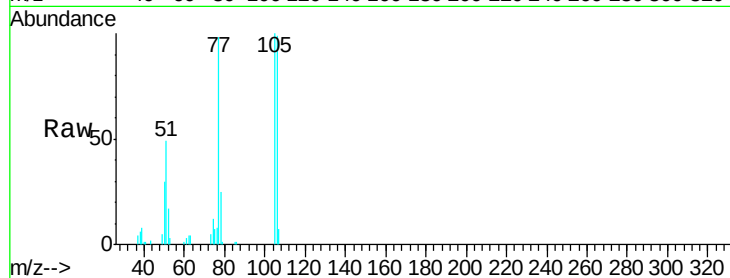
Tgt Ion: 77 Resp: 31409

Ion Ratio Lower Upper

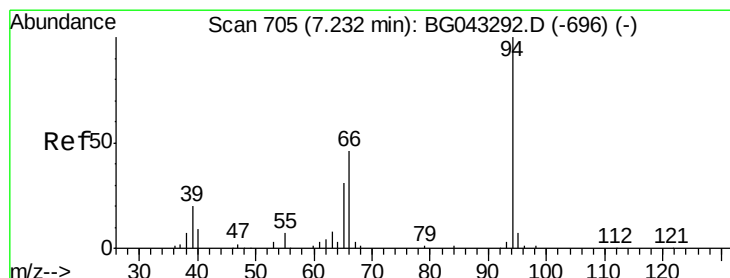
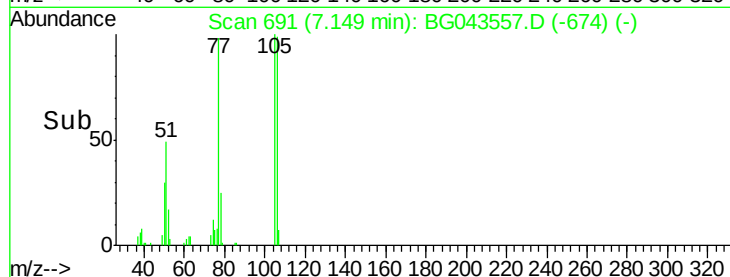
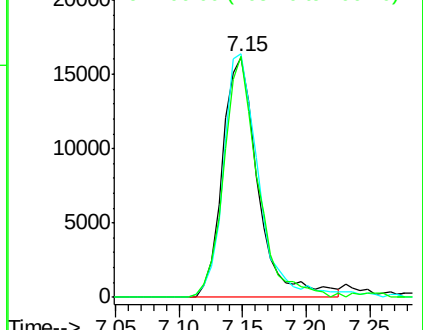
77 100

105 101.6 68.6 108.6

106 100.6 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: 27.061 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

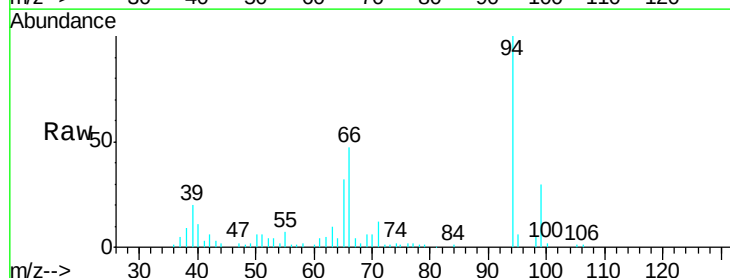
Tgt Ion: 94 Resp: 61580

Ion Ratio Lower Upper

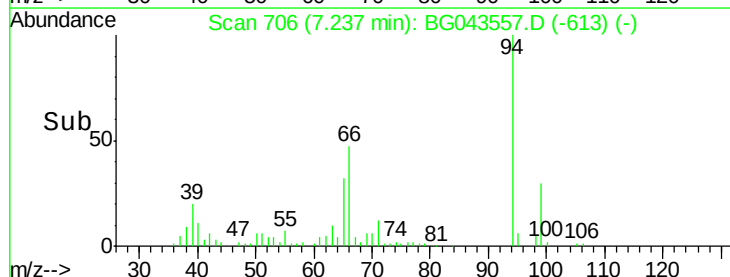
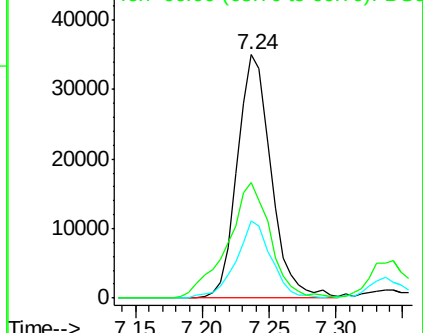
94 100

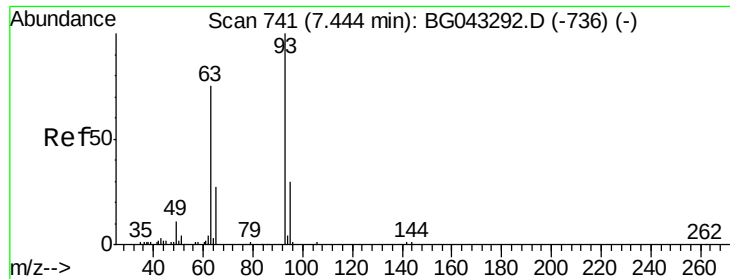
65 32.0 12.6 52.6

66 47.4 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

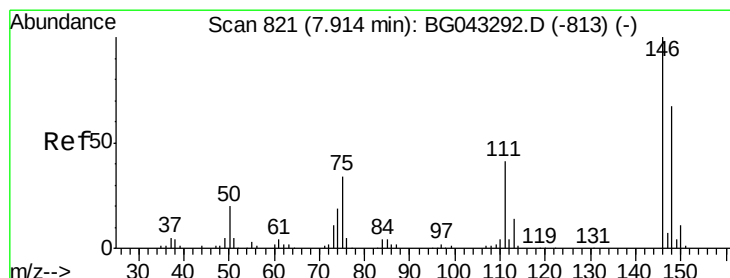
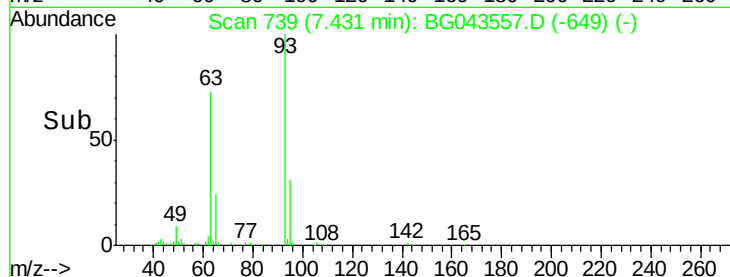
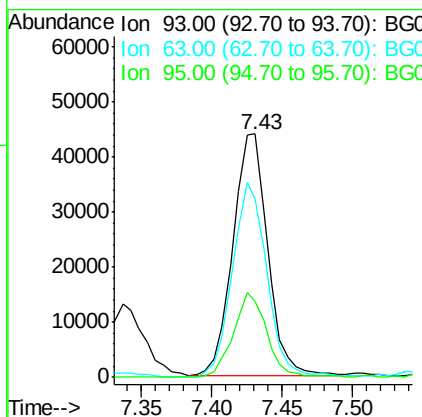
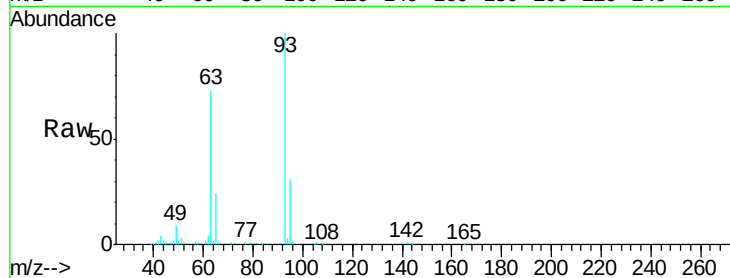




#11
 bis(2-Chloroethyl)ether
 Concen: 43.181 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

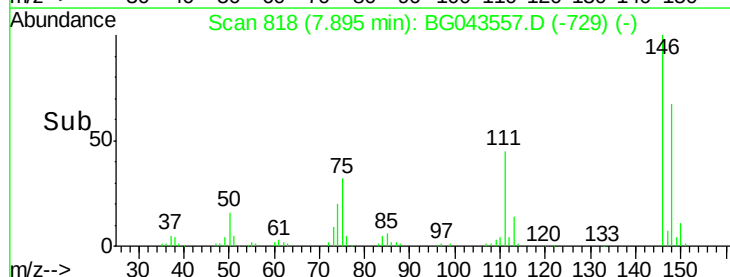
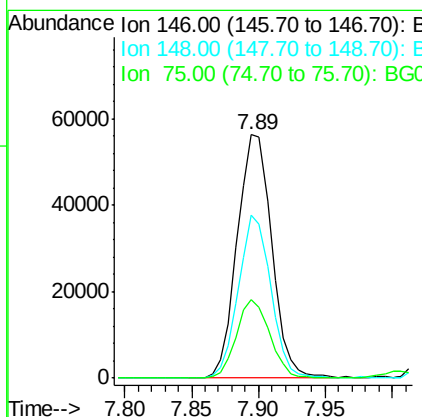
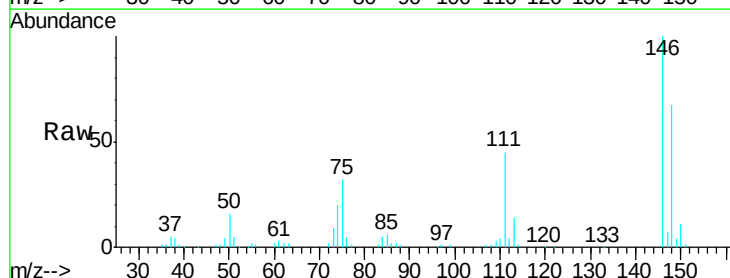
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

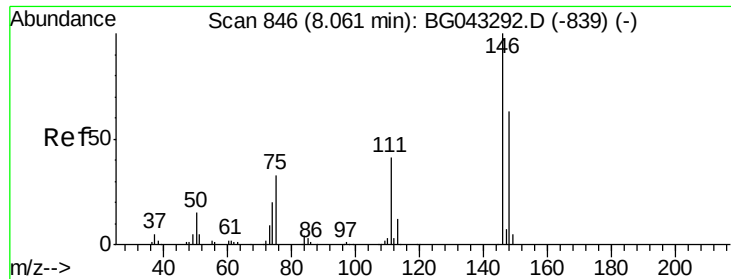
Tgt Ion: 93 Resp: 75971
 Ion Ratio Lower Upper
 93 100
 63 73.4 56.3 96.3
 95 31.4 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 42.196 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion: 146 Resp: 101013
 Ion Ratio Lower Upper
 146 100
 148 66.8 50.3 75.5
 75 32.5 24.6 37.0

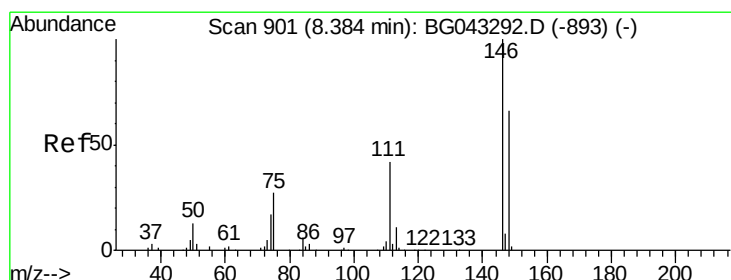
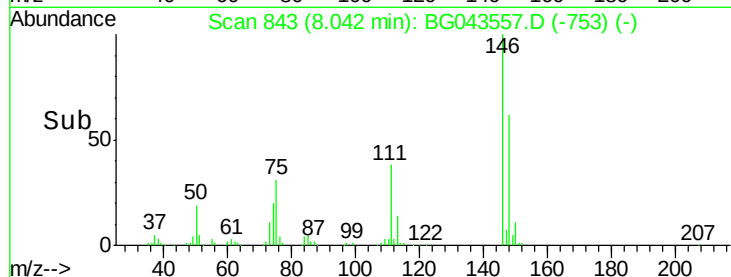
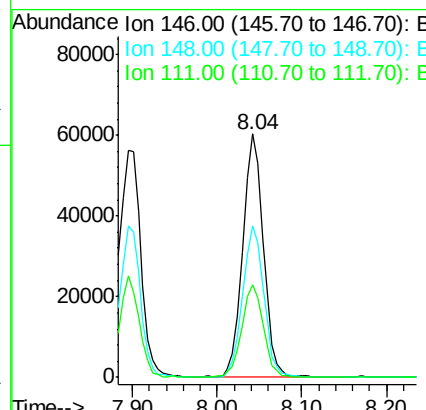
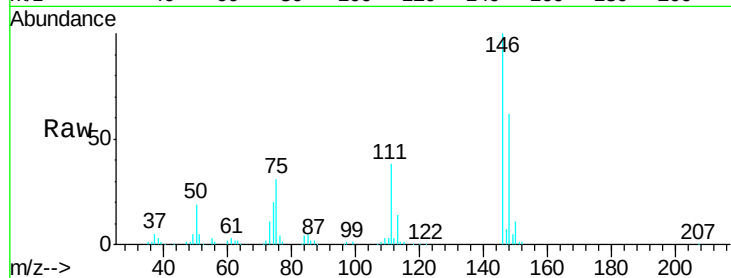




#13
 1,4-Dichlorobenzene
 Concen: 41.922 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

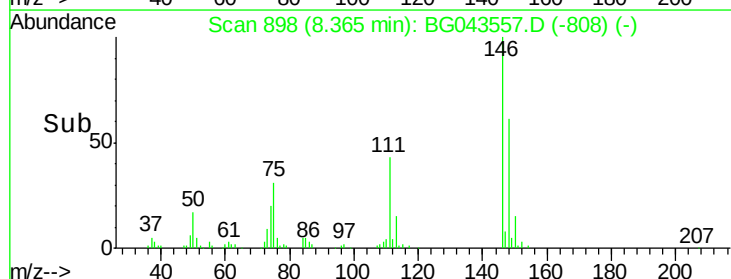
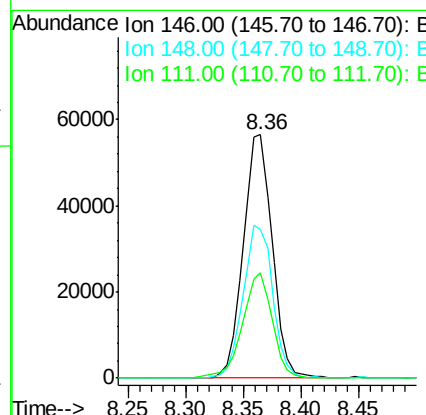
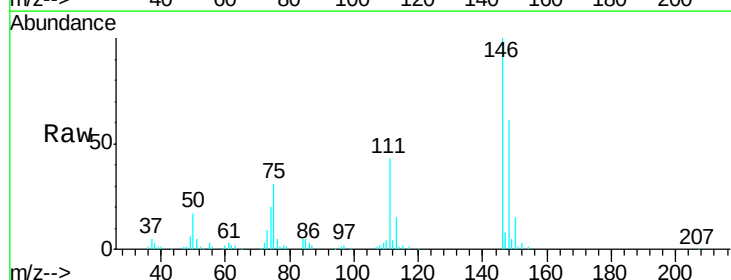
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

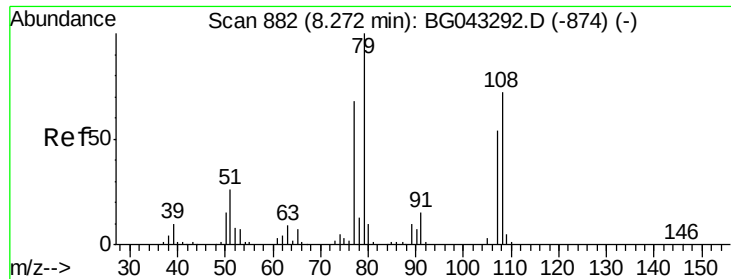
Tgt Ion:146 Resp: 101538
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.7 76.1
 111 38.0 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 41.680 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:146 Resp: 98567
 Ion Ratio Lower Upper
 146 100
 148 61.3 53.2 79.8
 111 43.3 35.8 53.6

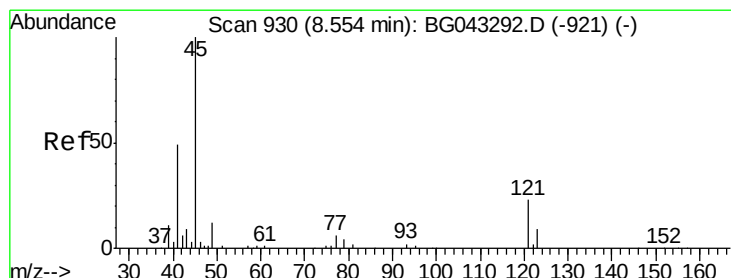
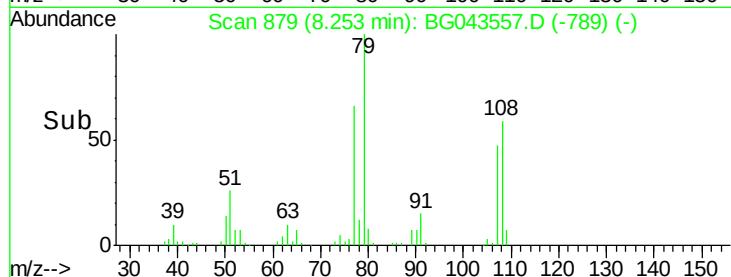
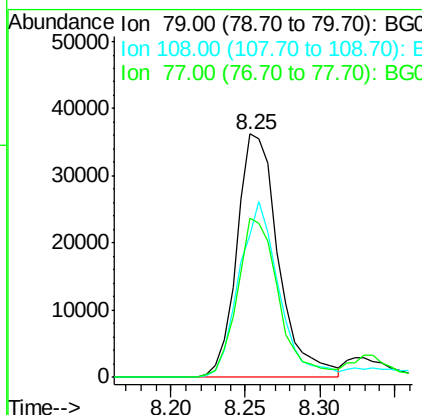
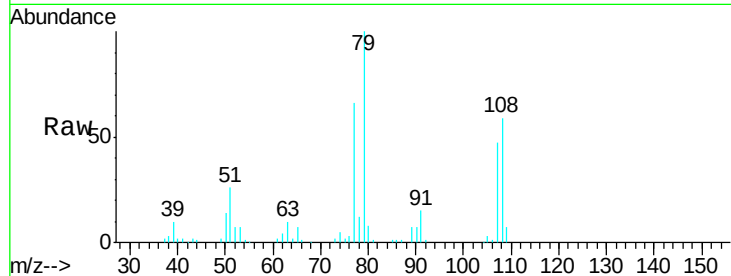




#15
Benzyl Alcohol
Concen: 39.889 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

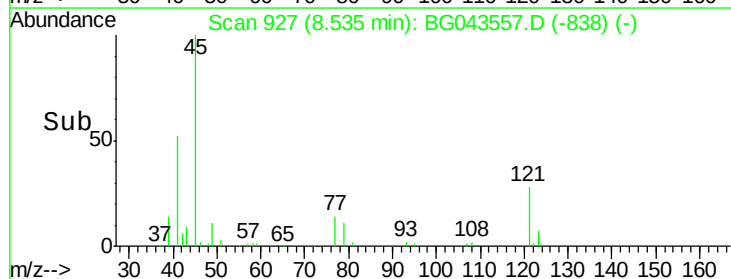
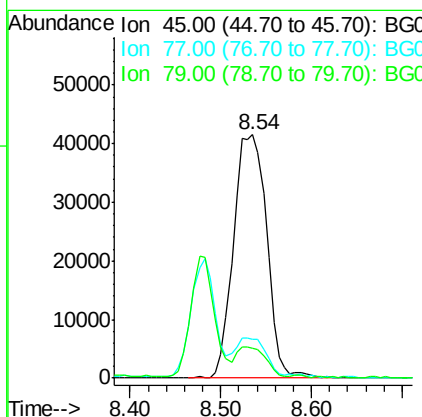
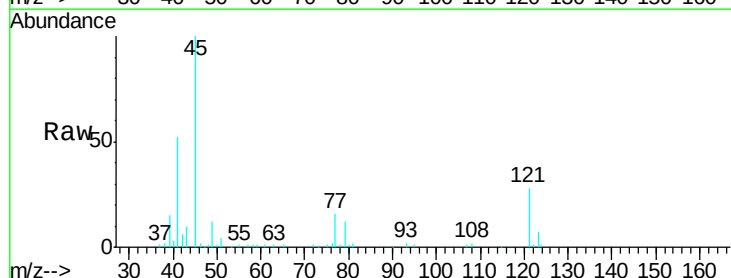
Instrument :
BNA_G
ClientSampleId :
PB124608BS

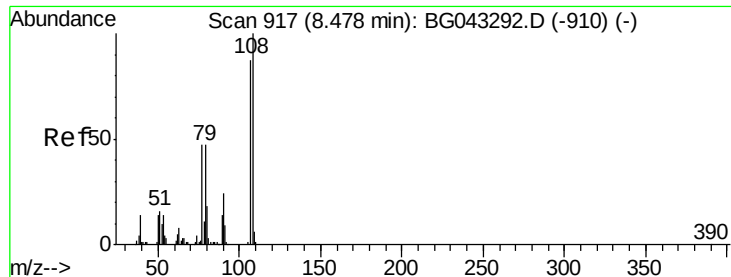
Tgt Ion: 79 Resp: 69763
Ion Ratio Lower Upper
79 100
108 58.7 53.6 80.4
77 65.5 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.140 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion: 45 Resp: 105247
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.9
79 12.1 0.0 33.0





#17

2-Methylphenol

Concen: 43.328 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

Tgt Ion:107 Resp: 71878

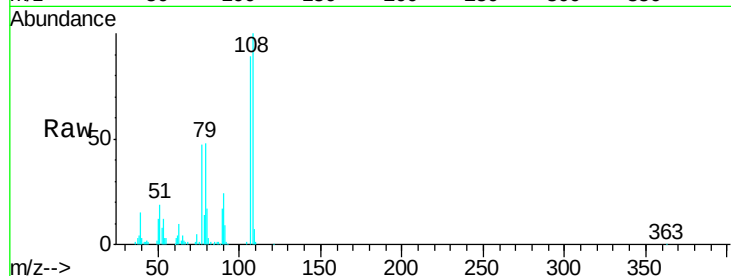
Ion Ratio Lower Upper

107 100

108 112.5 90.2 135.4

77 53.1 40.2 60.2

79 53.7 44.0 66.0

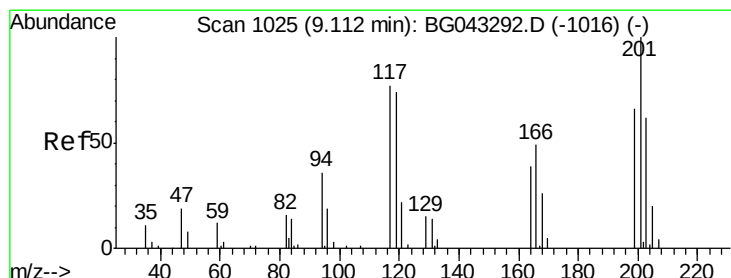
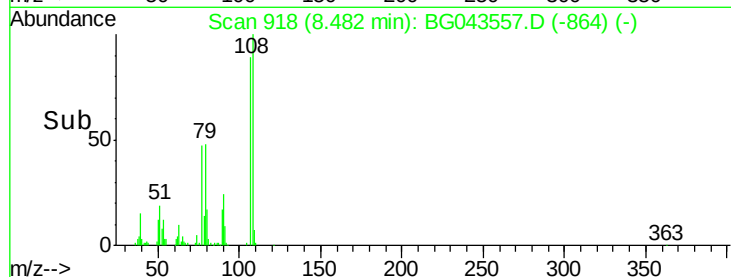
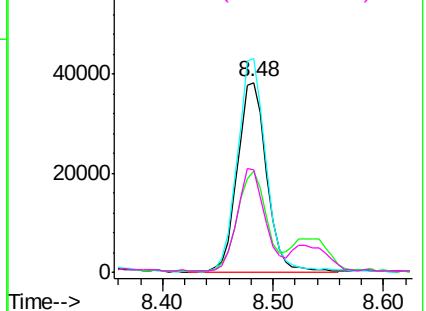


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.254 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

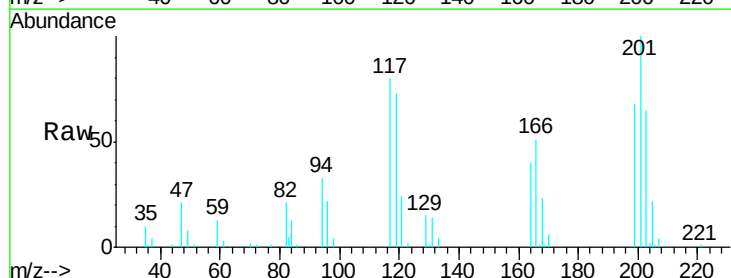
Tgt Ion:117 Resp: 36050

Ion Ratio Lower Upper

117 100

119 92.1 79.0 118.4

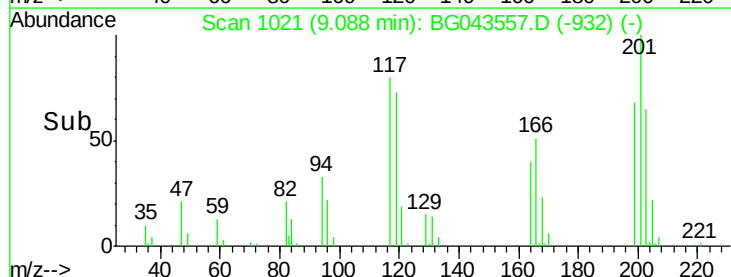
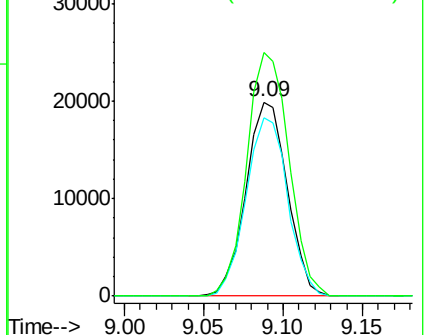
201 125.6 105.4 158.2

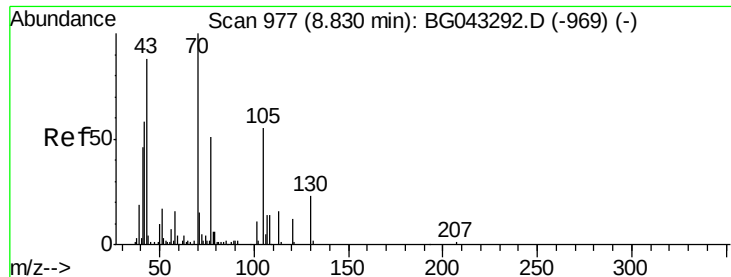


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

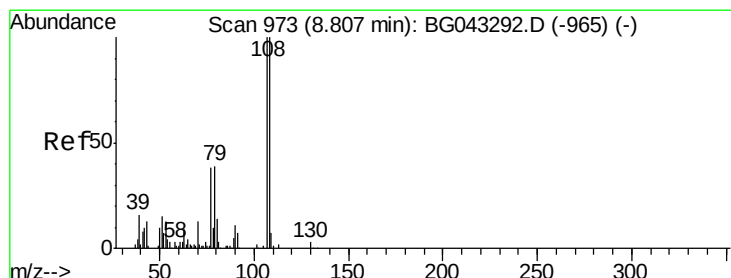
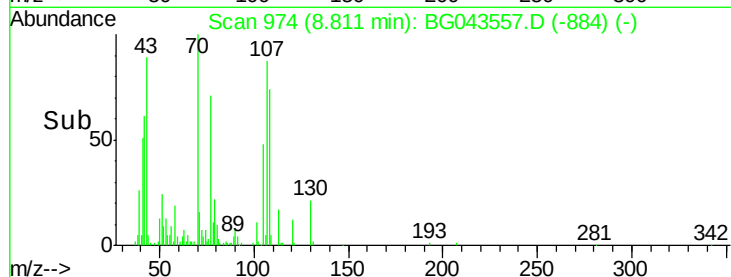
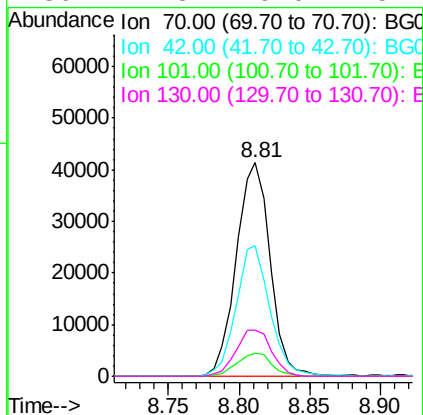
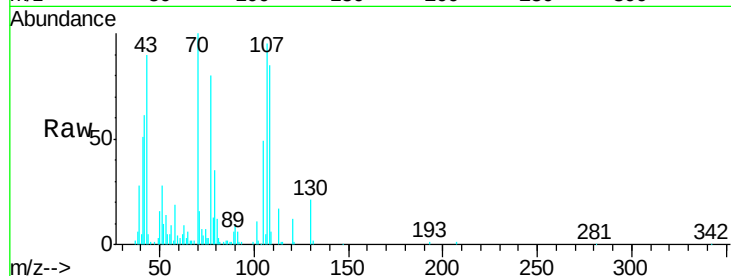




#19
n-Nitroso-di-n-propylamine
Concen: 43.034 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

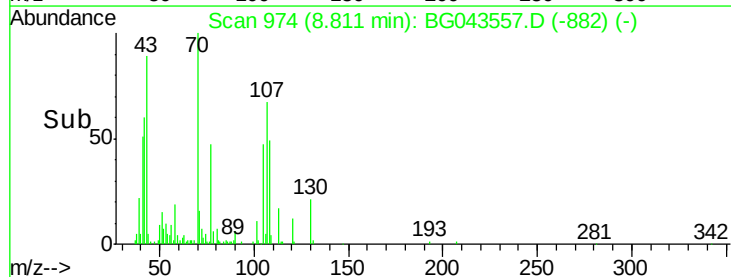
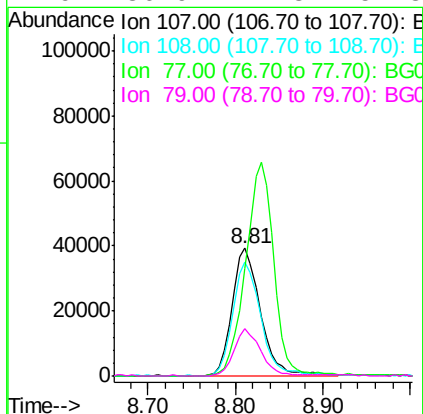
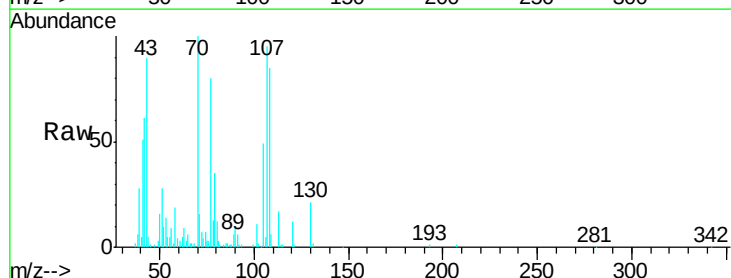
Instrument :
BNA_G
ClientSampleId :
PB124608BS

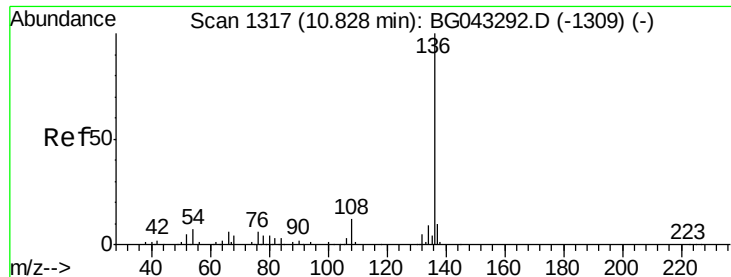
Tgt Ion:	70	Resp:	69250
Ion	Ratio	Lower	Upper
70	100		
42	61.1	41.4	62.2
101	11.0	7.9	11.9
130	21.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 38.185 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:	107	Resp:	86863
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.6	106.6
77	84.7	20.9	60.9
79	36.9	11.3	51.3

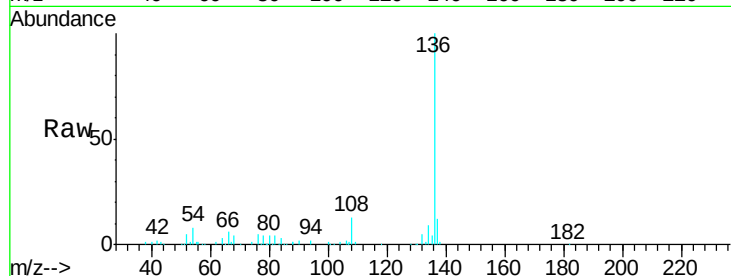




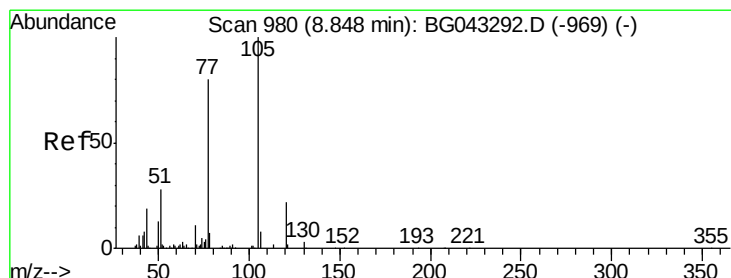
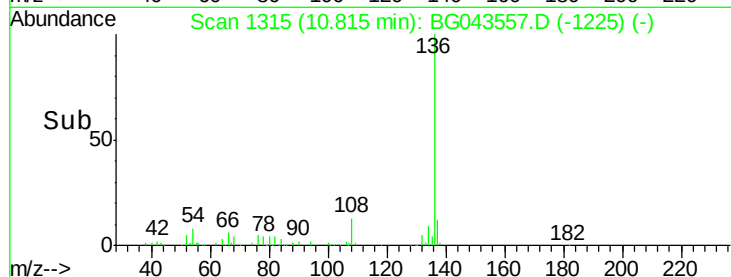
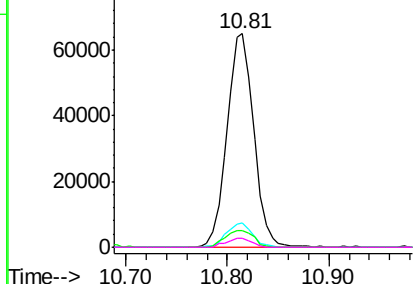
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tgt Ion:	136	Resp:	118897
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.9	5.4	8.2
68	4.1	3.0	4.4

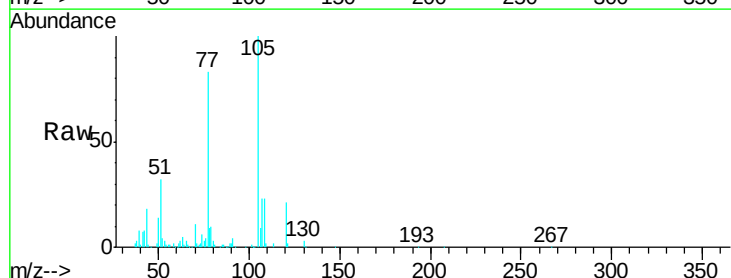


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

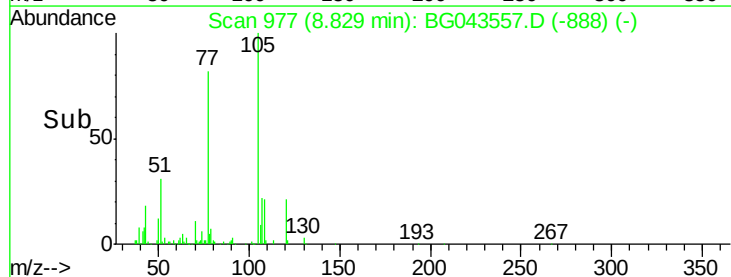
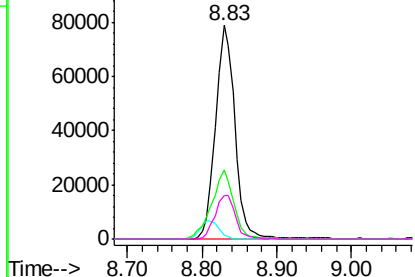


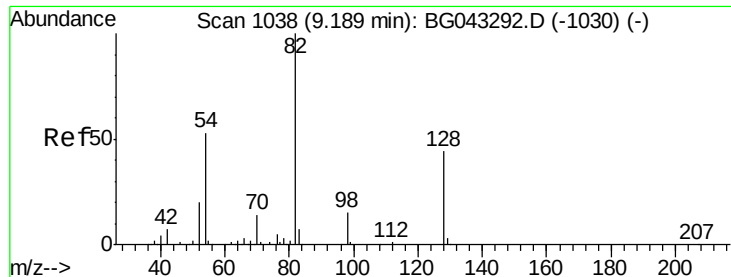
#22
Acetophenone
Concen: 46.878 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:	105	Resp:	142736
Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.8	1.2#
51	32.1	21.0	31.4#
120	20.7	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

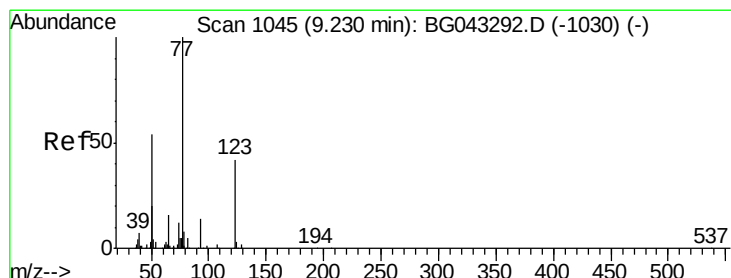
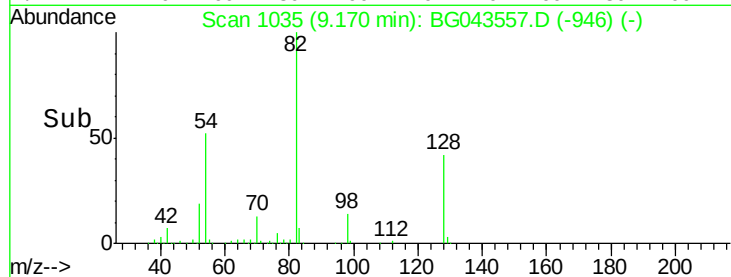
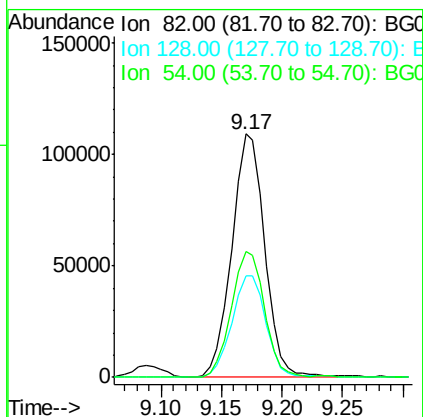
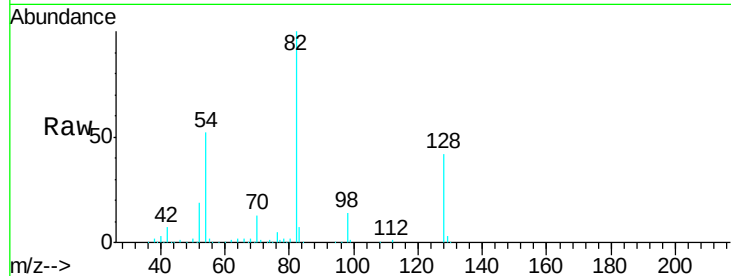




#23
 Nitrobenzene-d5
 Concen: 90.175 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

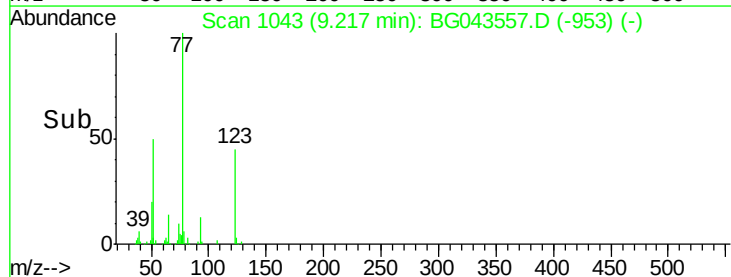
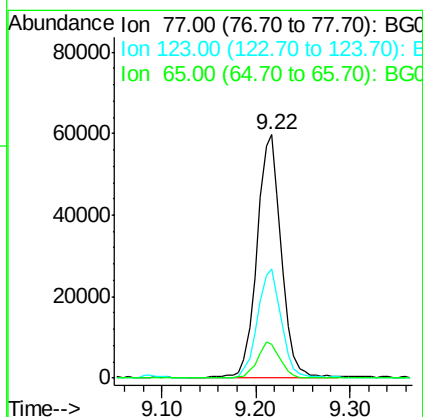
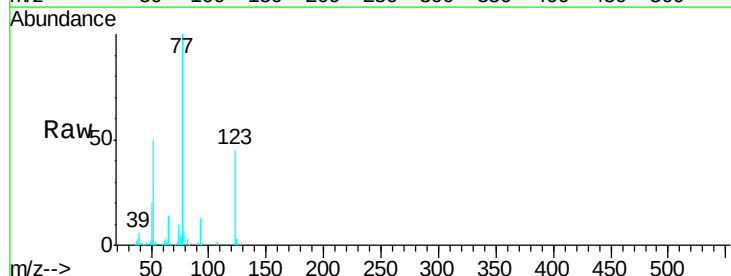
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

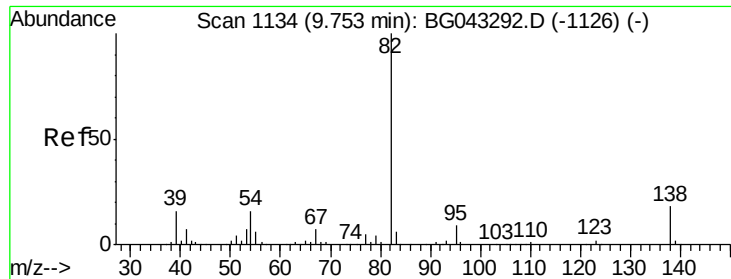
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.6
54	51.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 48.626 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	35.0	52.6
65	14.0	9.5	14.3

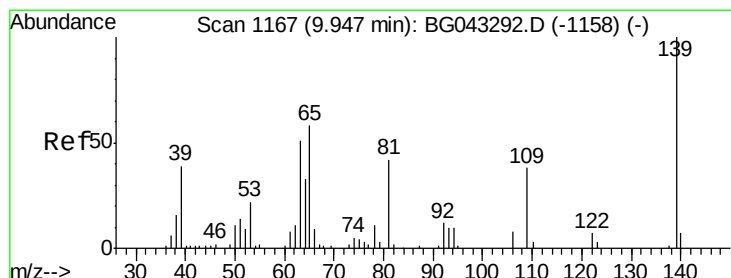
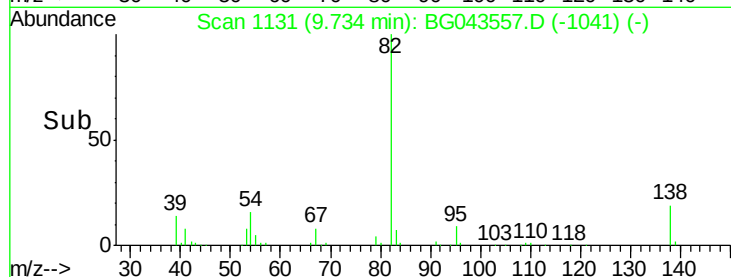
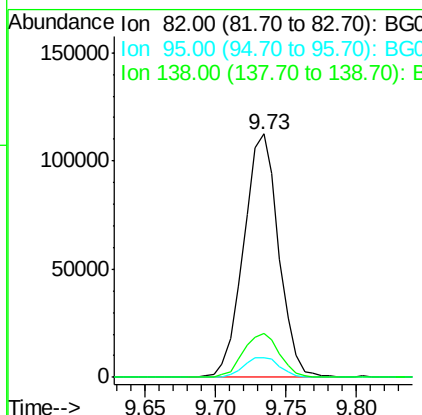
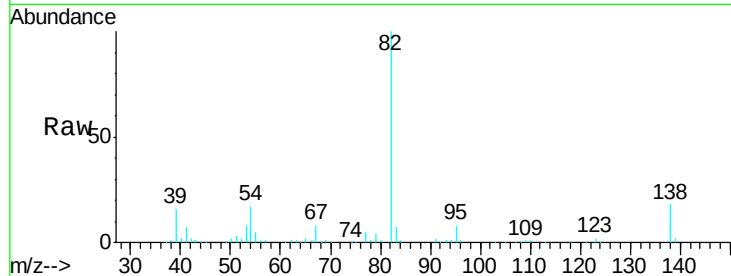




#25
Isophorone
Concen: 46.326 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

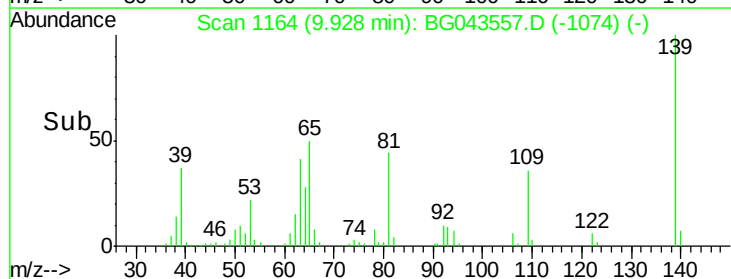
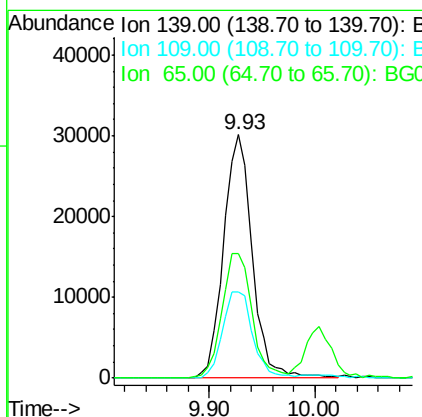
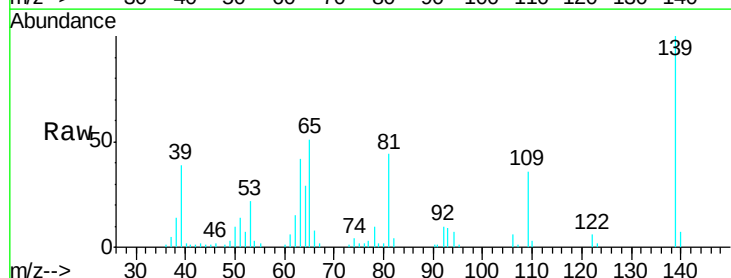
Instrument :
BNA_G
ClientSampleId :
PB124608BS

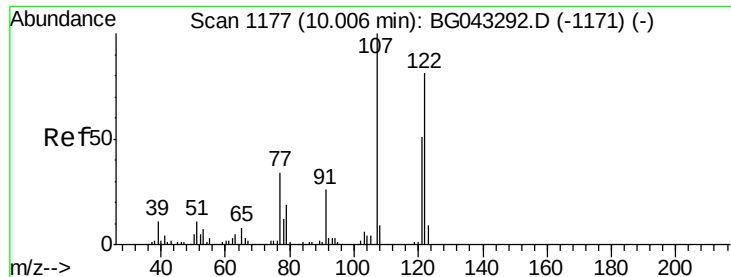
Tgt Ion: 82 Resp: 195330
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 18.1 15.2 22.8



#26
2-Nitrophenol
Concen: 53.463 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion: 139 Resp: 56706
Ion Ratio Lower Upper
139 100
109 35.5 26.5 39.7
65 51.1 43.8 65.8

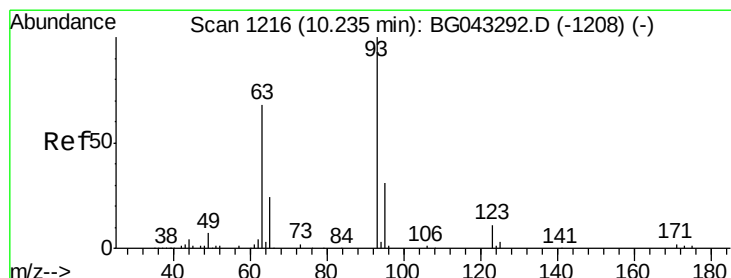
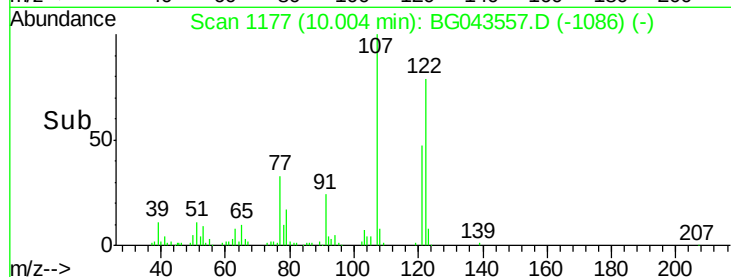
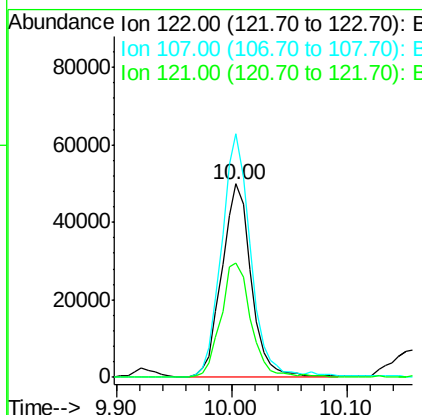
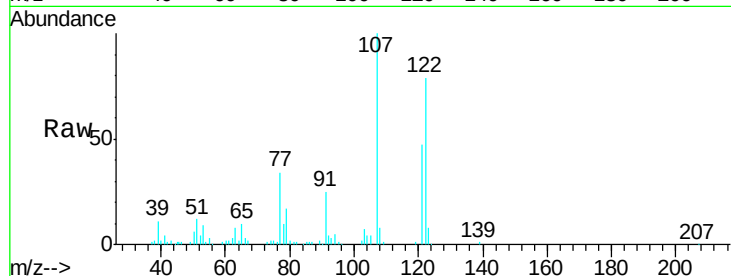




#27
 2,4-Dimethylphenol
 Concen: 58.289 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

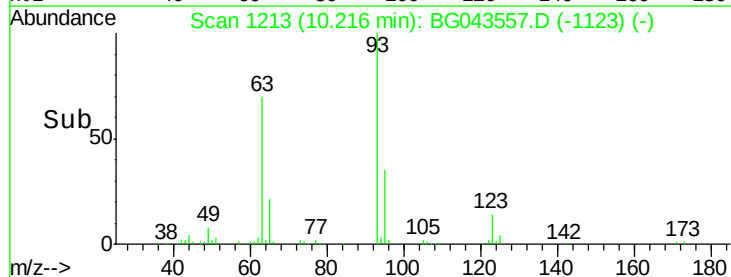
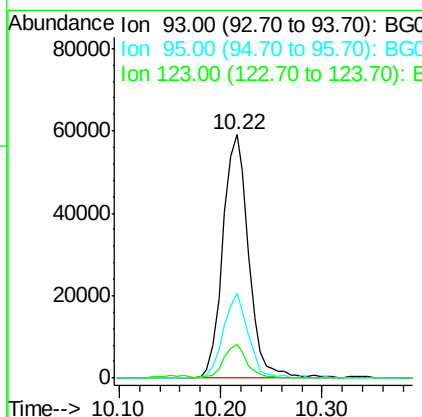
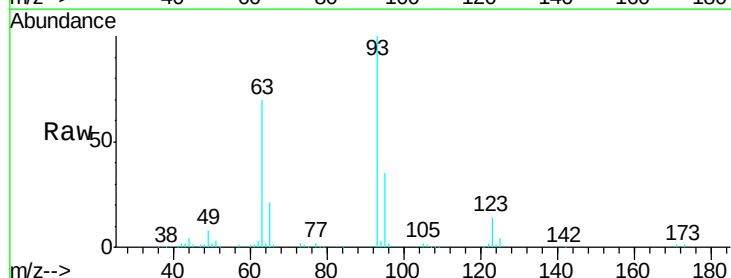
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

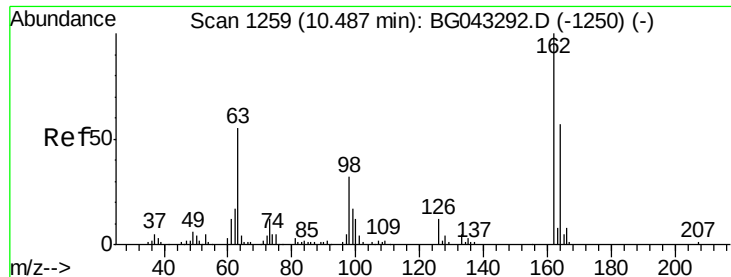
Tgt Ion: 122 Resp: 88611
 Ion Ratio Lower Upper
 122 100
 107 125.9 104.4 156.6
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.841 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion: 93 Resp: 104351
 Ion Ratio Lower Upper
 93 100
 95 35.0 26.0 39.0
 123 13.7 10.6 15.8

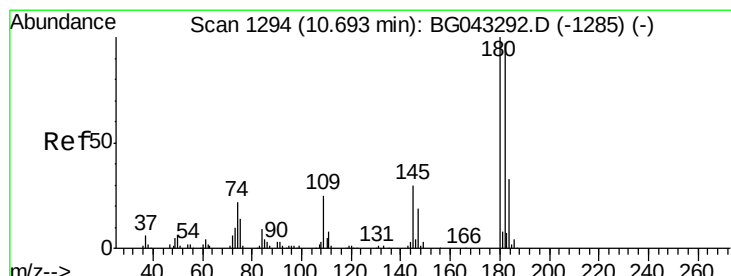
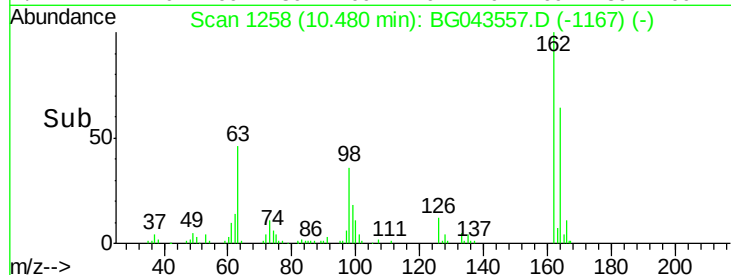
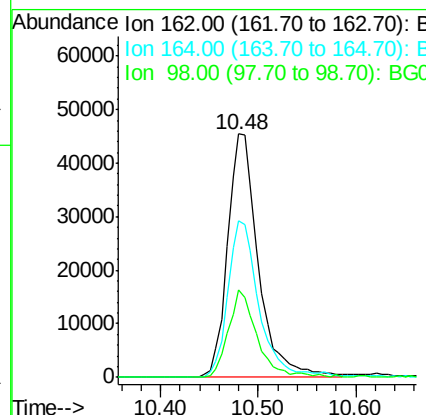
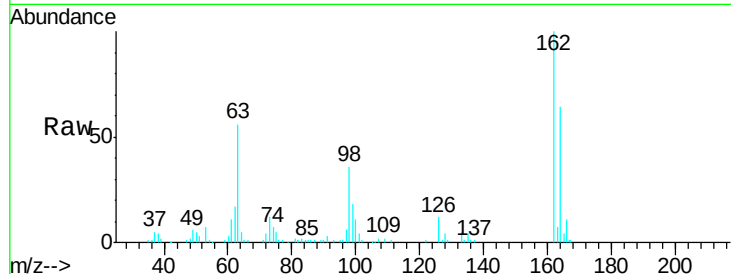




#29
 2,4-Dichlorophenol
 Concen: 51.007 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

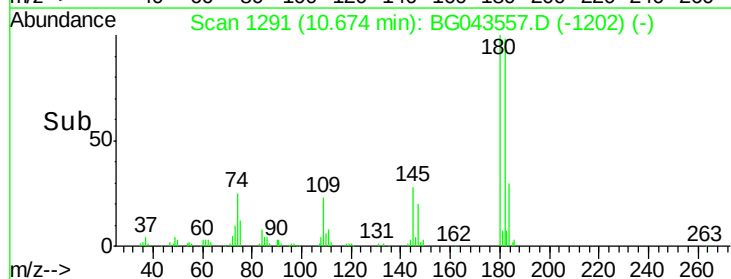
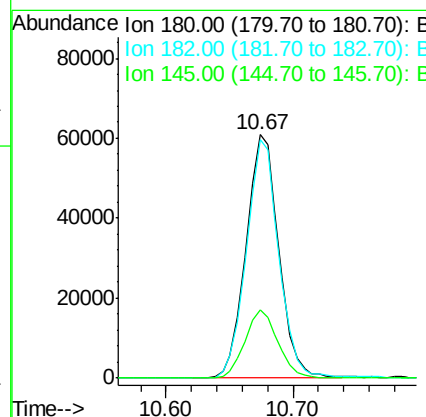
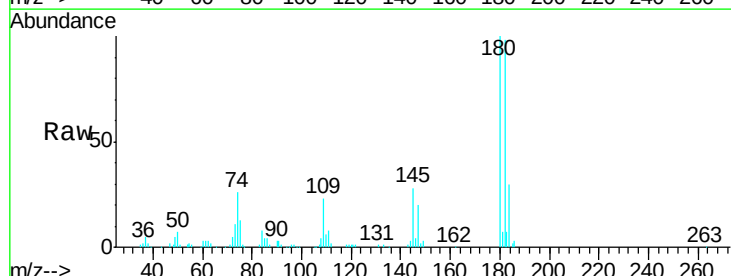
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

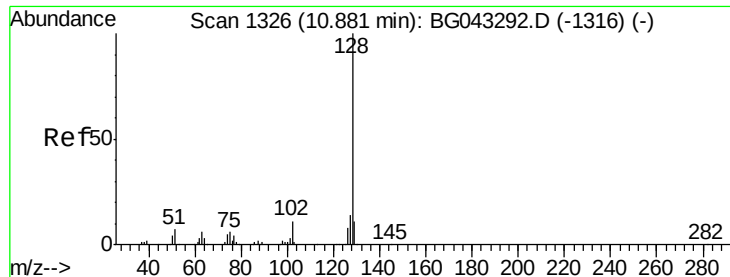
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.9	88.9
98	35.8	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.409 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.1	112.7
145	28.2	23.9	35.9

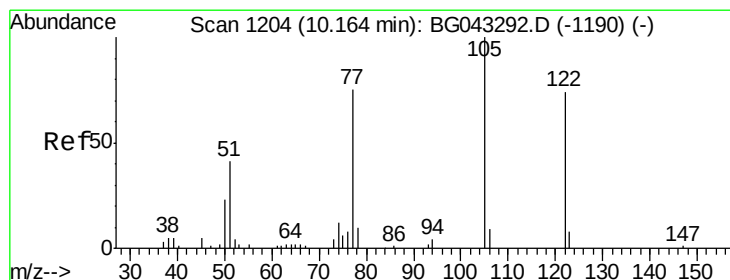
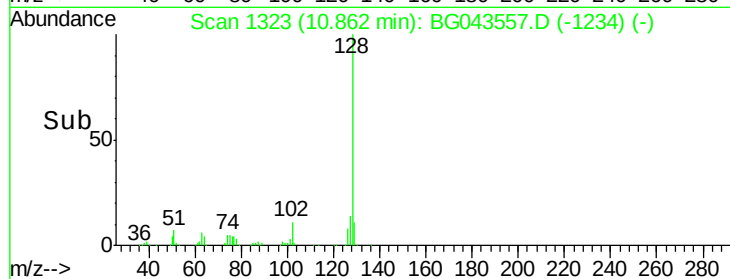
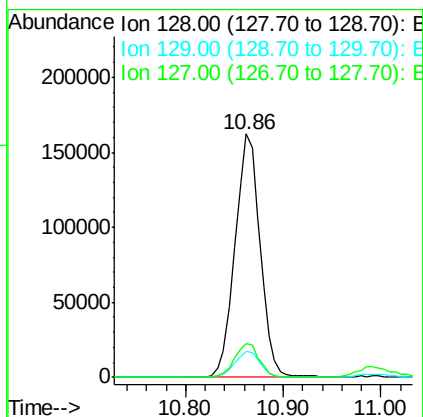
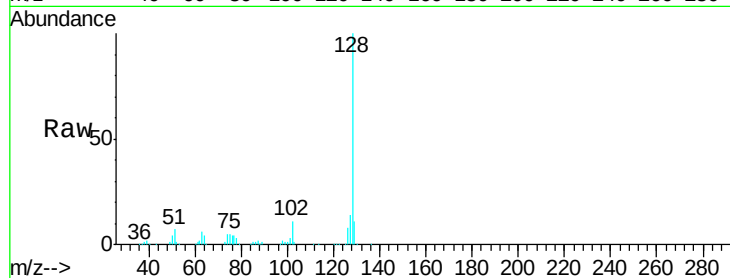




#31
Naphthalene
Concen: 48.087 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

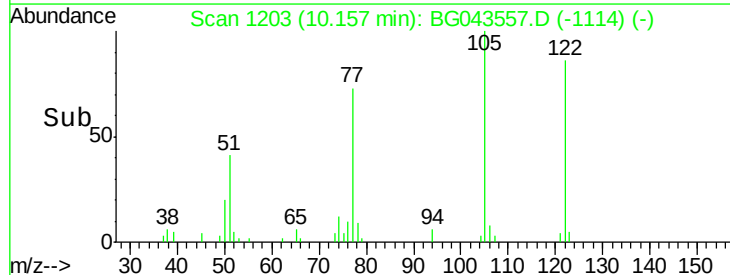
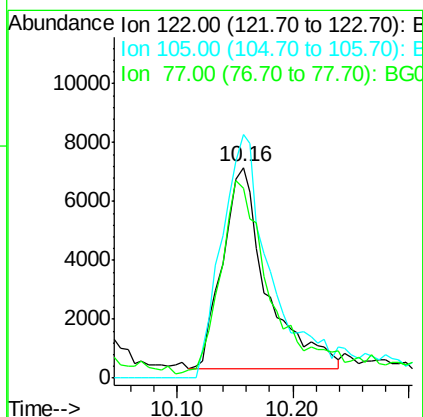
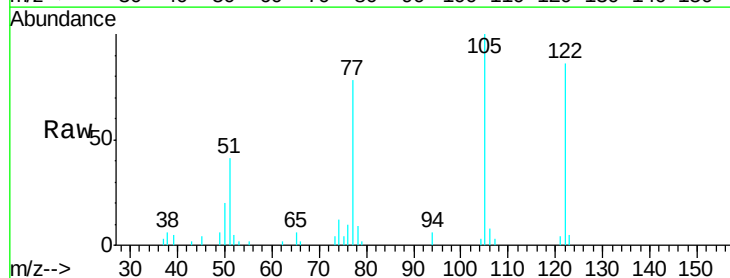
Instrument :
BNA_G
ClientSampleId :
PB124608BS

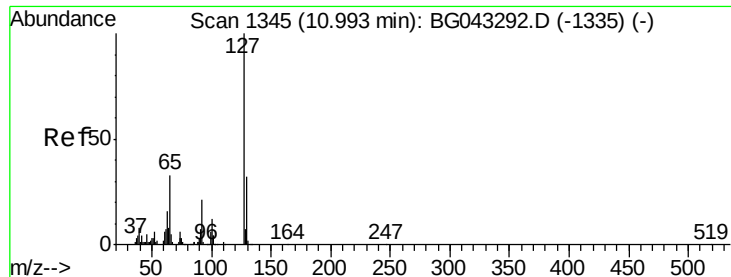
Tgt Ion:128 Resp: 290210
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 21.683 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:122 Resp: 18072
Ion Ratio Lower Upper
122 100
105 115.7 103.3 143.3
77 90.5 84.9 124.9

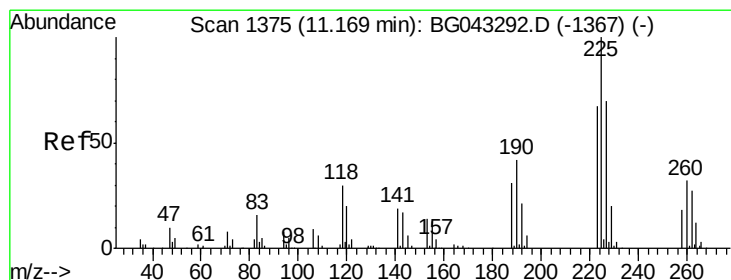
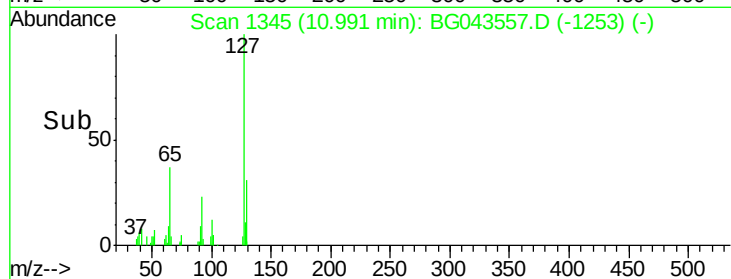
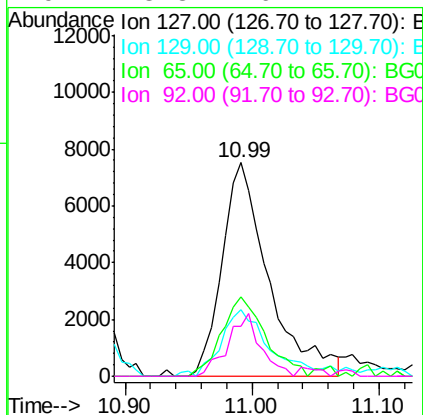
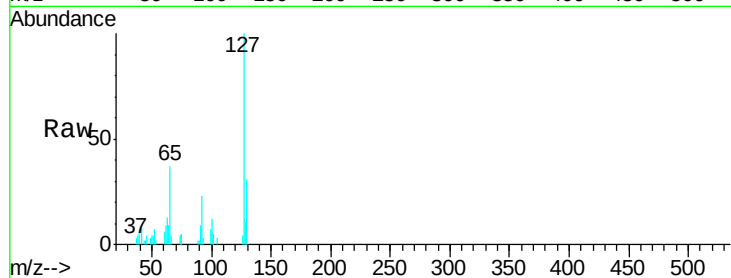




#33
4-Chloroaniline
Concen: 7.746 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

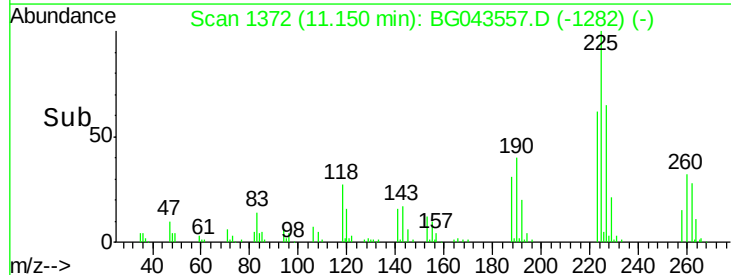
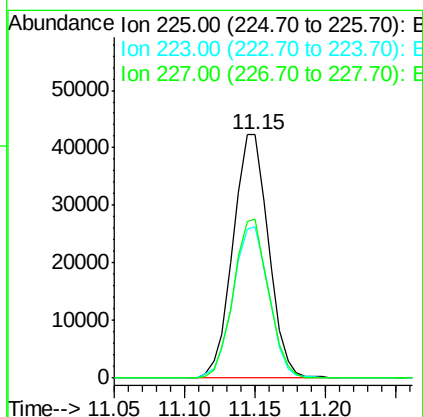
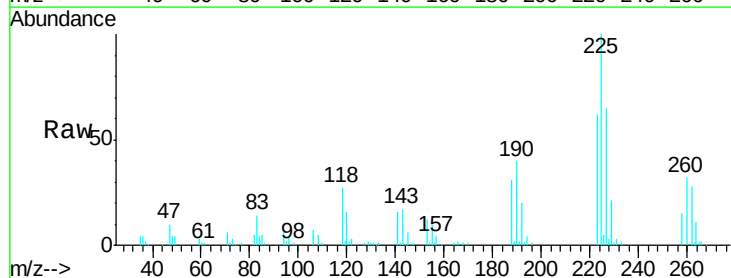
Instrument :
BNA_G
ClientSampleId :
PB124608BS

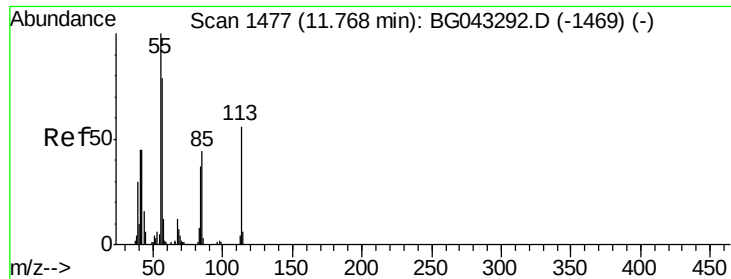
Tgt Ion:	127	Resp:	19162
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	37.4	26.4	39.6
92	23.3	16.2	24.2



#34
Hexachlorobutadiene
Concen: 40.978 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:	225	Resp:	74365
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.7	79.1
227	65.3	54.8	82.2

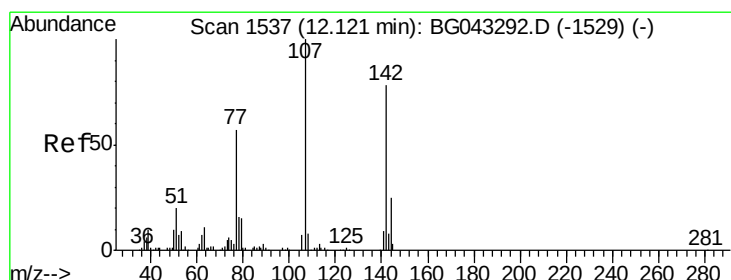
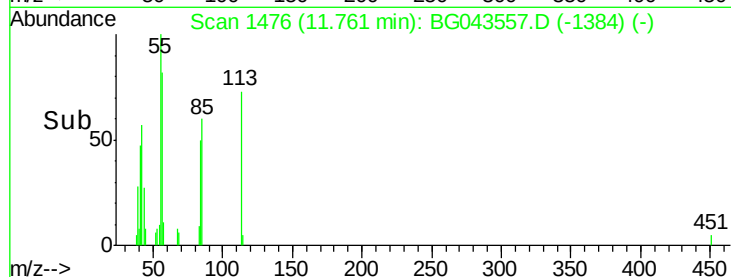
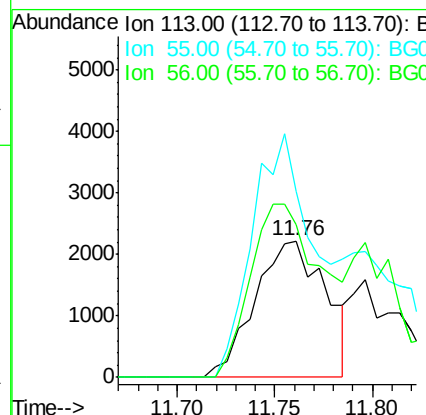
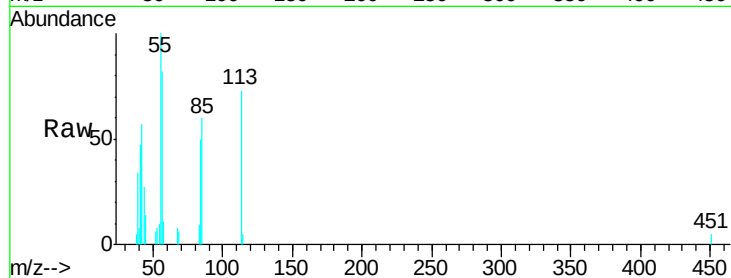




#35
 Caprolactam
 Concen: 8.308 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

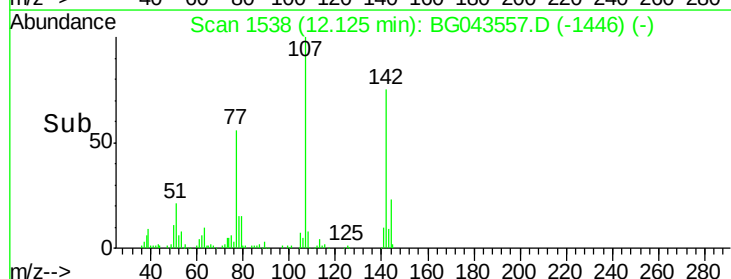
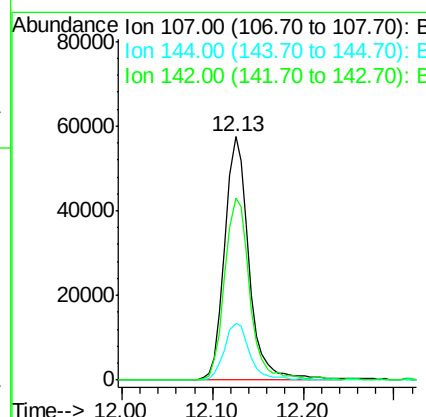
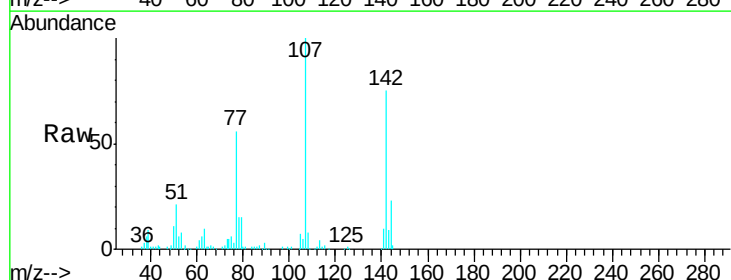
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

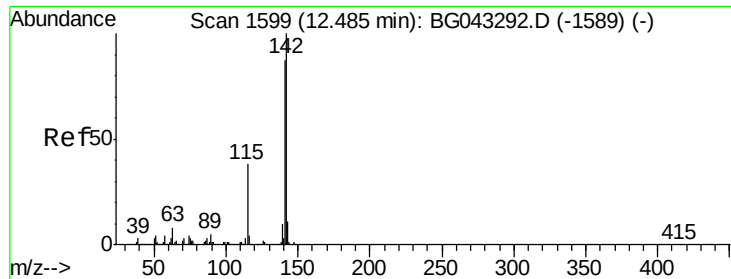
Tgt Ion:113 Resp: 5573
 Ion Ratio Lower Upper
 113 100
 55 136.5 134.1 174.1
 56 112.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.346 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:107 Resp: 106966
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.9 31.3
 142 75.0 59.6 89.4

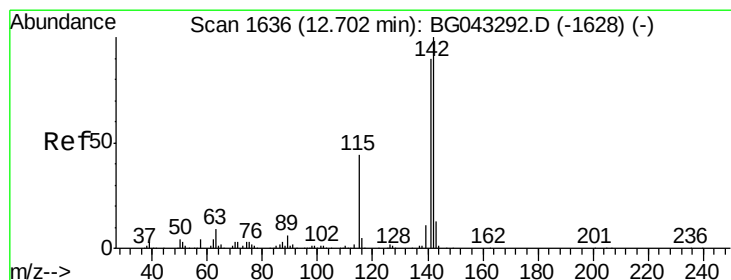
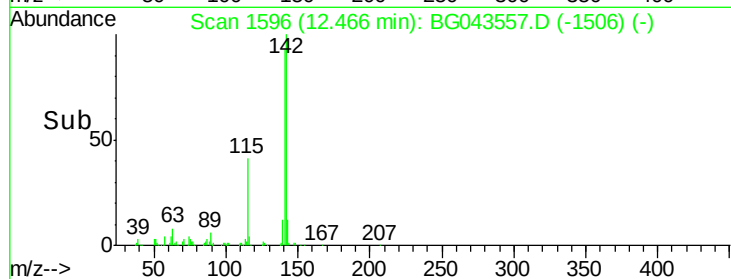
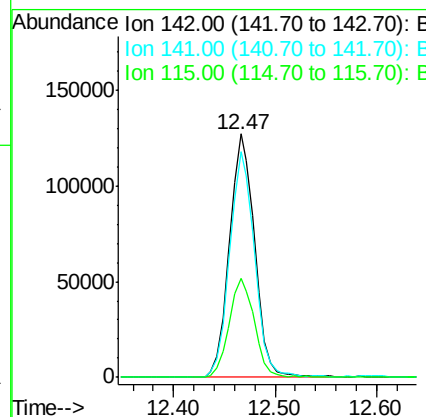
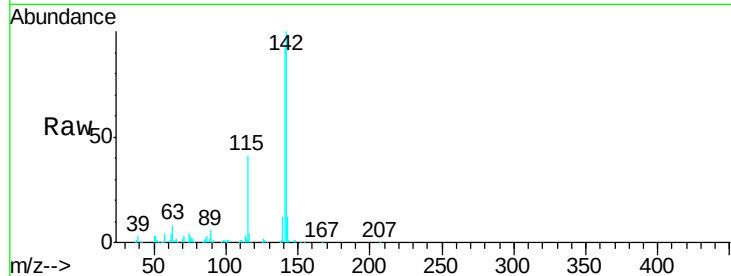




#37
 2-Methylnaphthalene
 Concen: 47.436 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

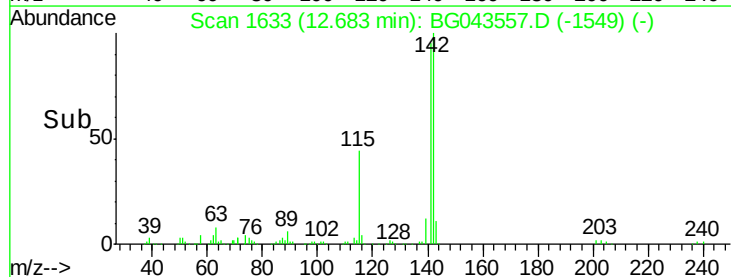
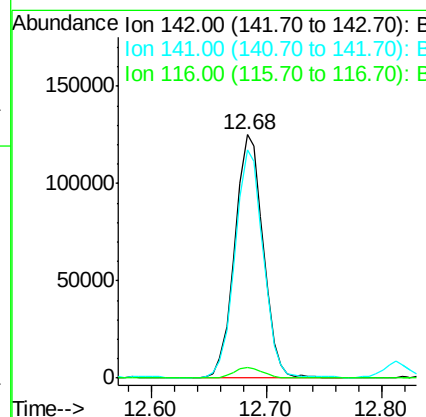
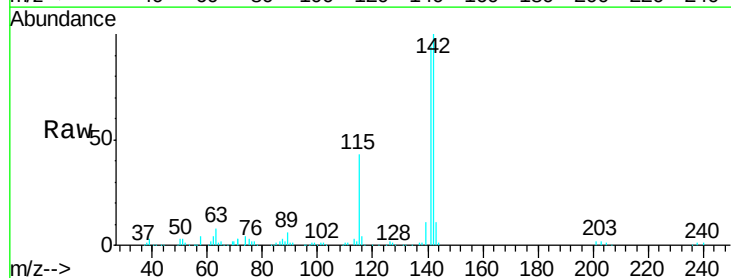
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

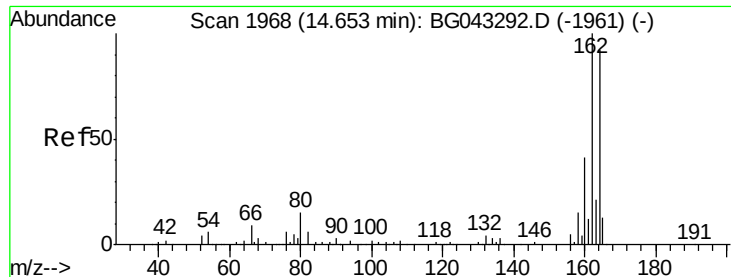
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.2
115	40.6	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 48.040 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.2	109.8
116	4.2	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

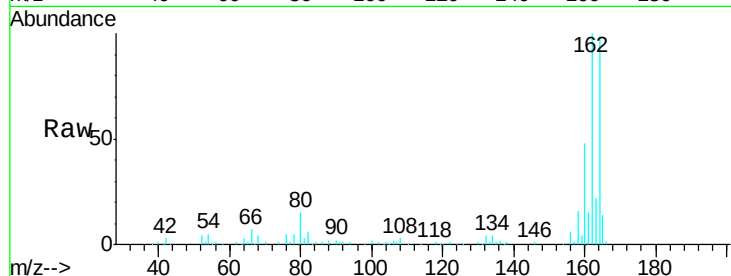
Tgt Ion:164 Resp: 87030

Ion Ratio Lower Upper

164 100

162 101.0 83.5 125.3

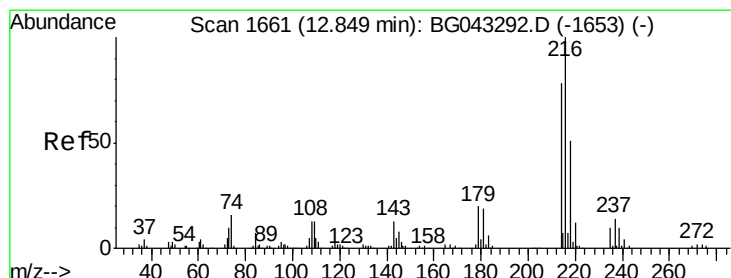
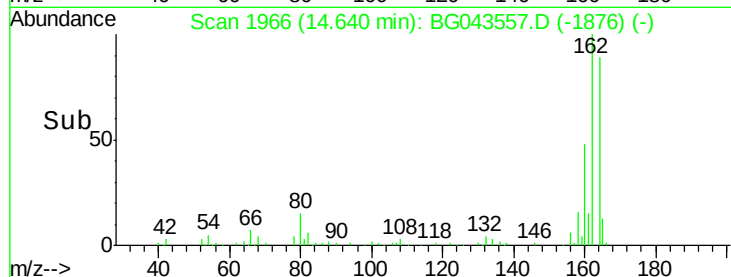
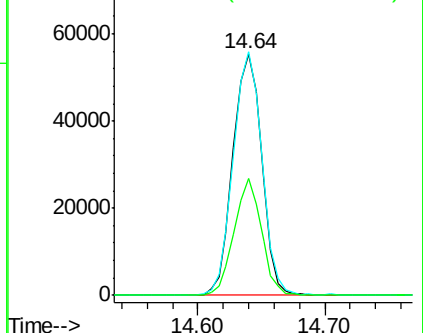
160 48.3 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.626 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:216 Resp: 143733

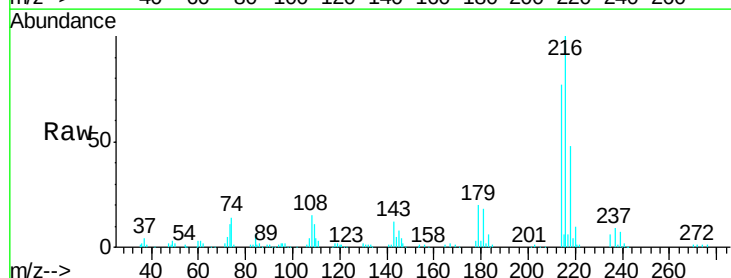
Ion Ratio Lower Upper

216 100

214 78.7 61.7 92.5

179 19.2 15.8 23.8

108 16.3 11.5 17.3

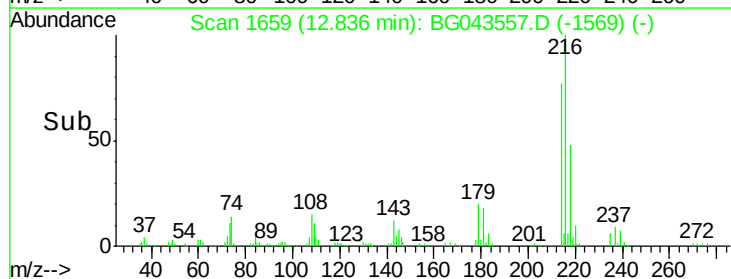
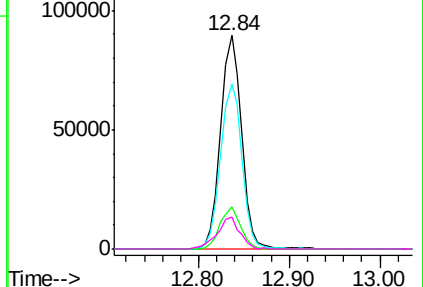


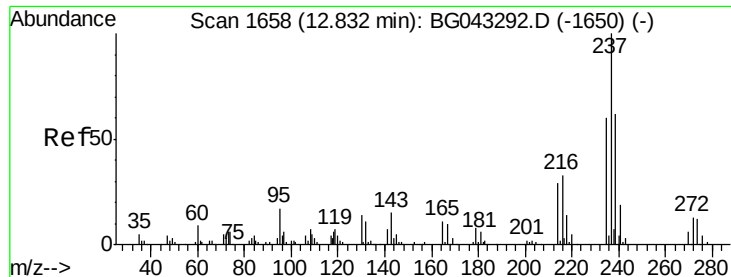
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.251 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

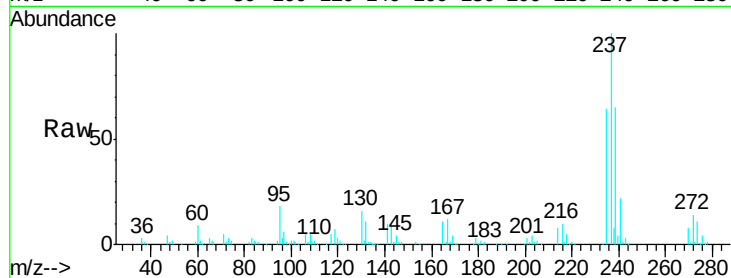
Tgt Ion: 237 Resp: 130703

Ion Ratio Lower Upper

237 100

235 63.8 41.6 81.6

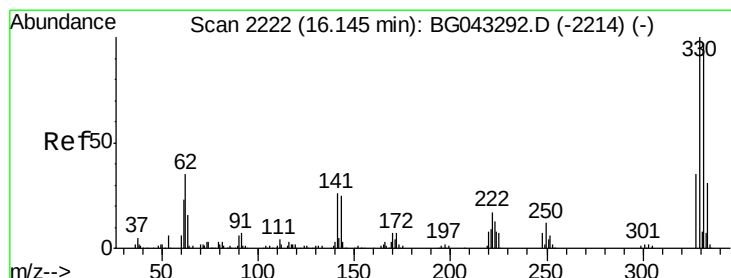
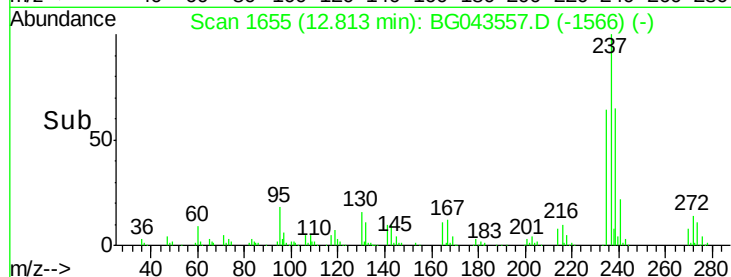
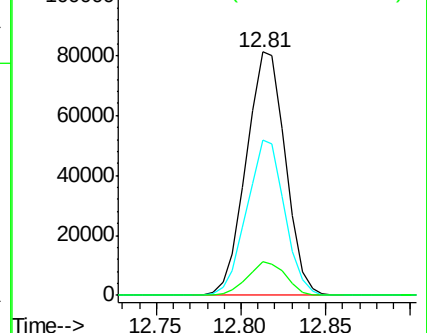
272 13.8 0.0 32.5



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: 134.551 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

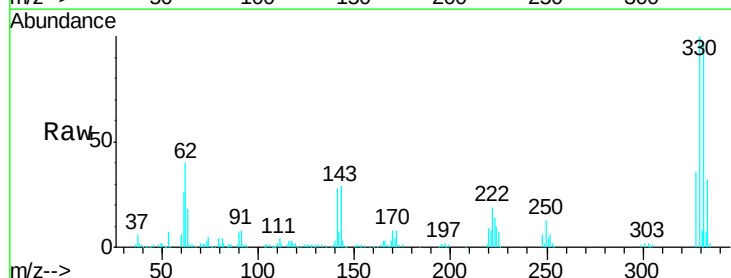
Tgt Ion: 330 Resp: 222841

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

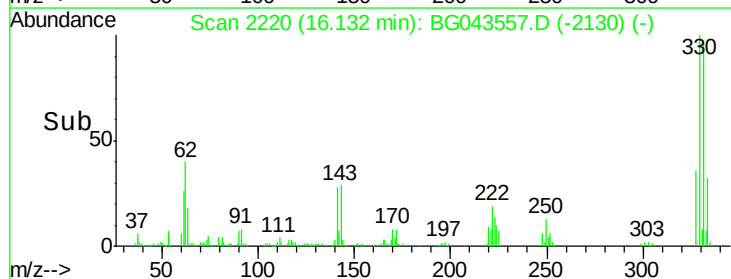
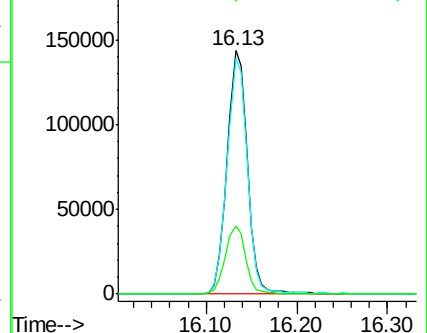
141 28.1 22.8 34.2

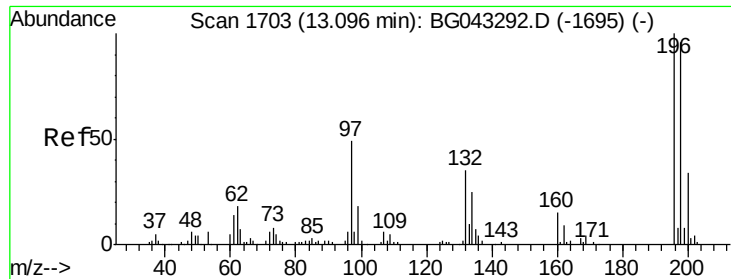


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

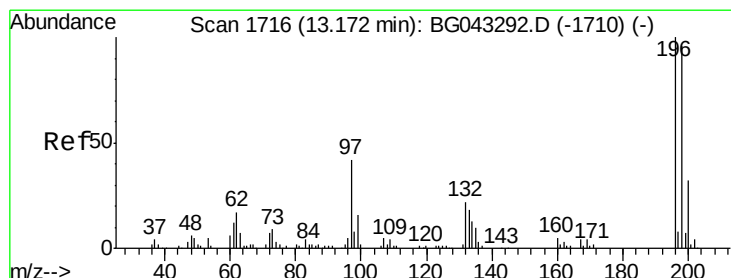
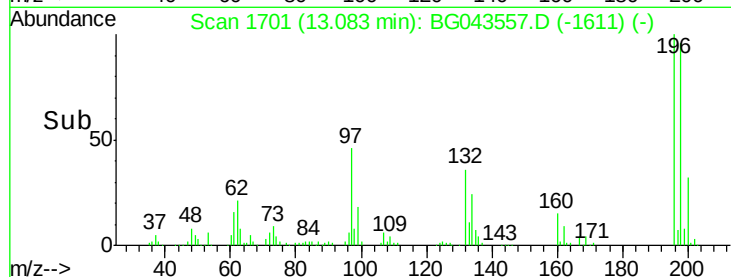
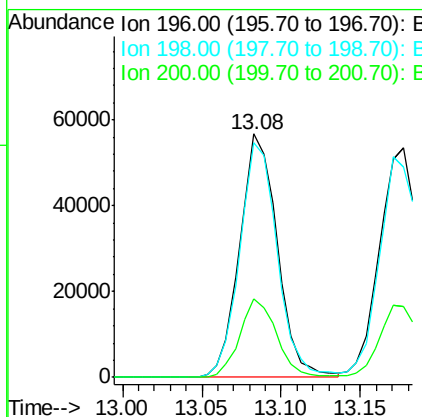
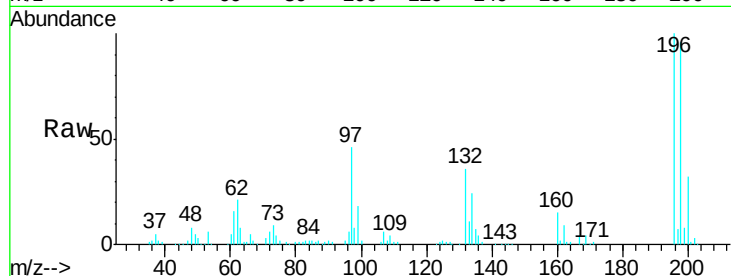




#43
 2,4,6-Trichlorophenol
 Concen: 49.466 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

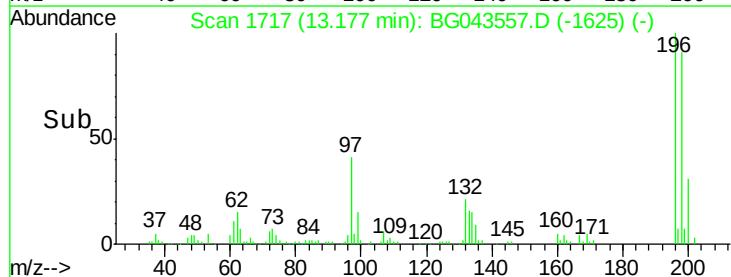
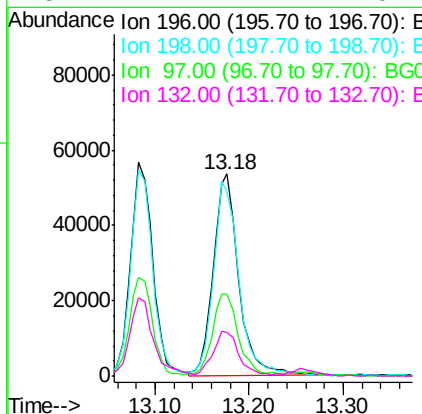
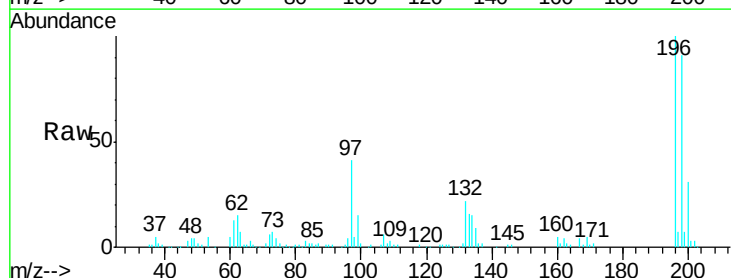
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

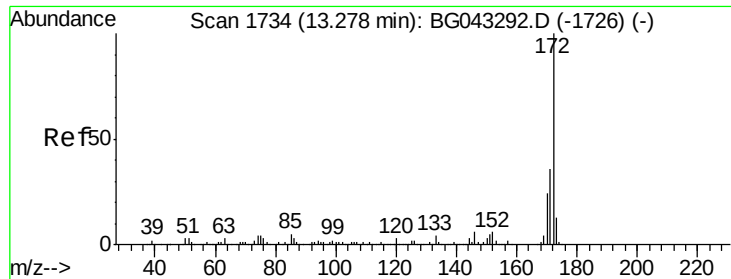
Tgt Ion:196 Resp: 93826
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.8 113.6
 200 32.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 52.996 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:196 Resp: 101626
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.5 111.7
 97 40.8 36.3 54.5
 132 21.7 17.4 26.2

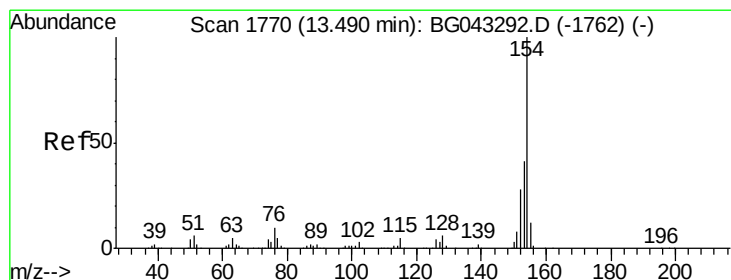
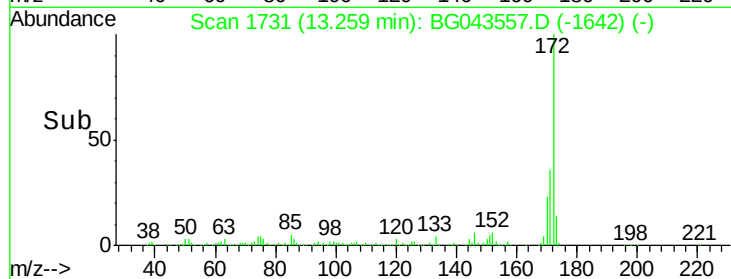
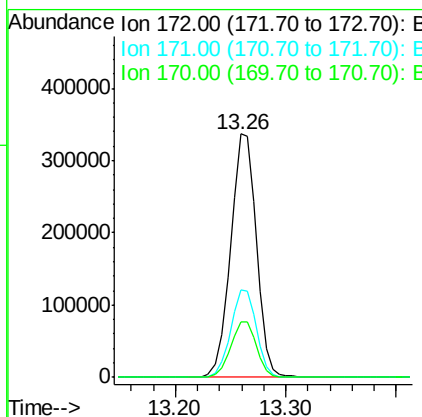
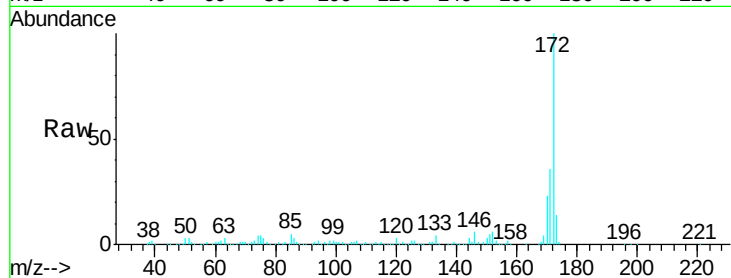




#45
2-Fluorobiphenyl
Concen: 87.832 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

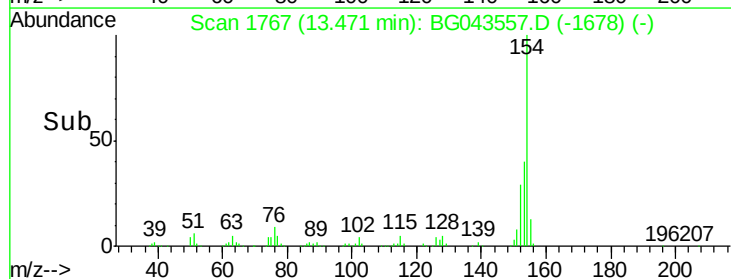
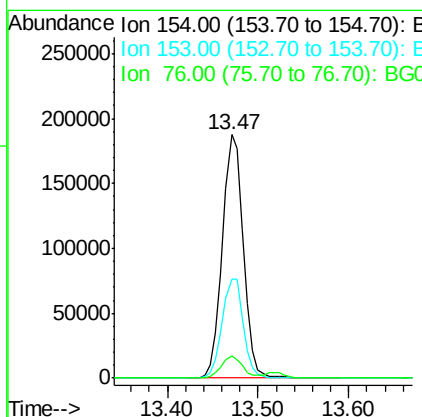
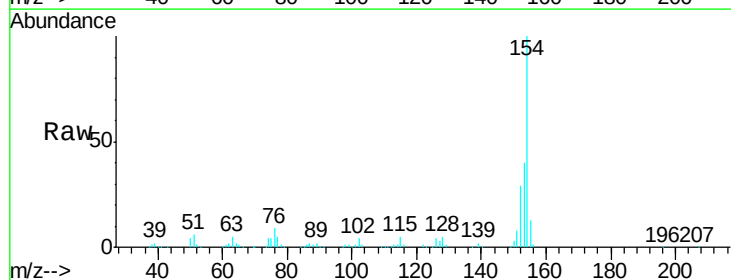
Instrument :
BNA_G
ClientSampleId :
PB124608BS

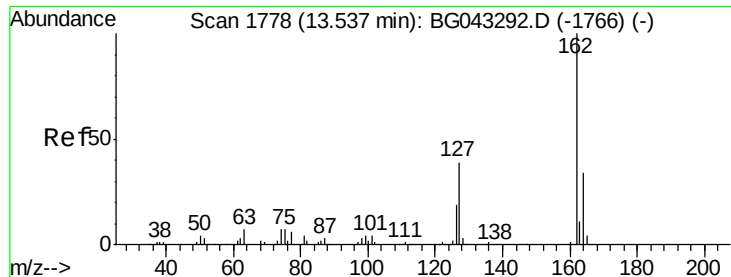
Tgt Ion:172 Resp: 553192
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.259 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:154 Resp: 299646
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 9.1 0.0 29.4

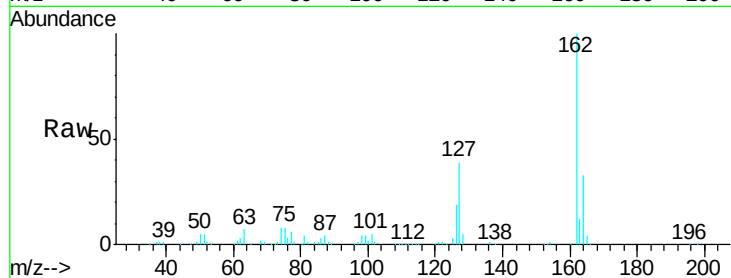




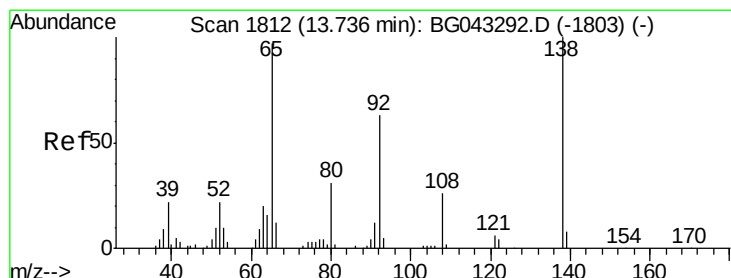
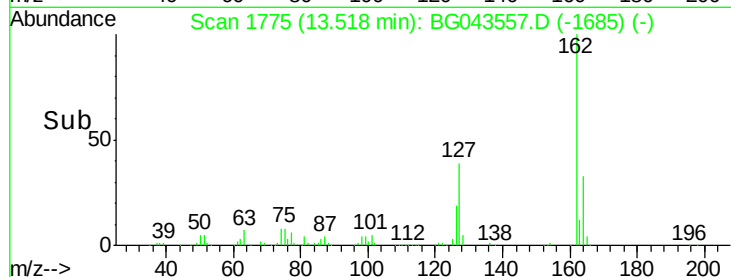
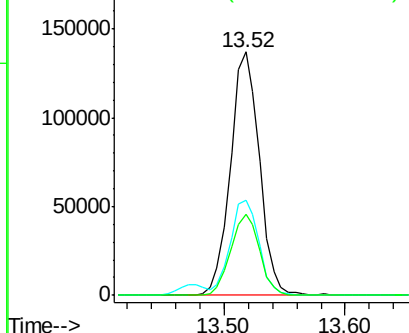
#47
2-Chloronaphthalene
Concen: 45.479 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tgt Ion: 162 Resp: 229104
Ion Ratio Lower Upper
162 100
127 39.0 31.2 46.8
164 33.2 25.8 38.8

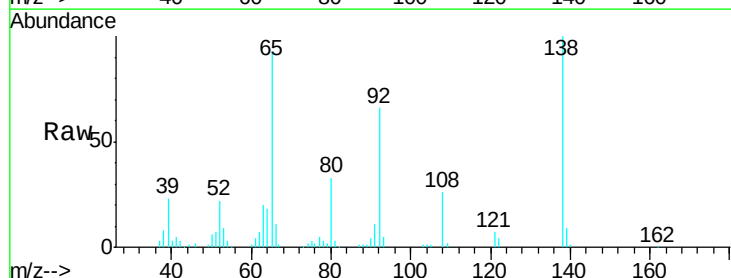


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

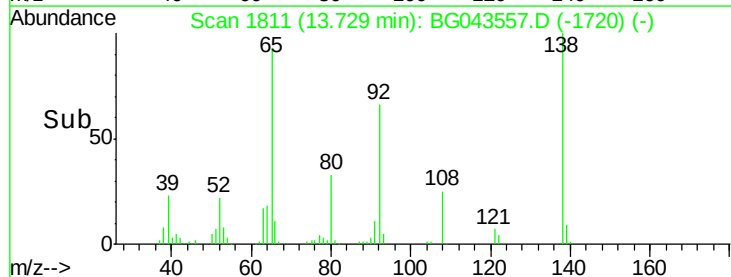
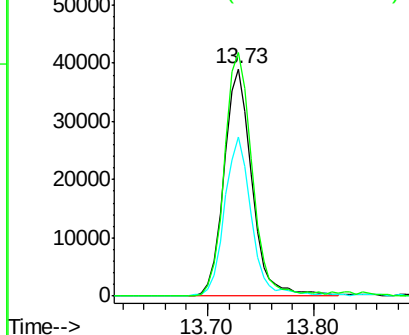


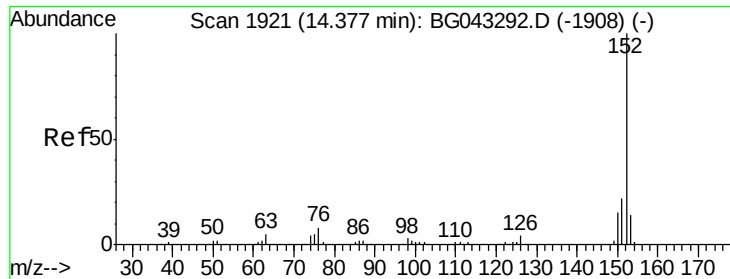
#48
2-Nitroaniline
Concen: 47.535 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion: 65 Resp: 71569
Ion Ratio Lower Upper
65 100
92 70.1 56.2 84.2
138 107.0 82.6 123.8



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





#49

Acenaphthylene

Concen: 48.658 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

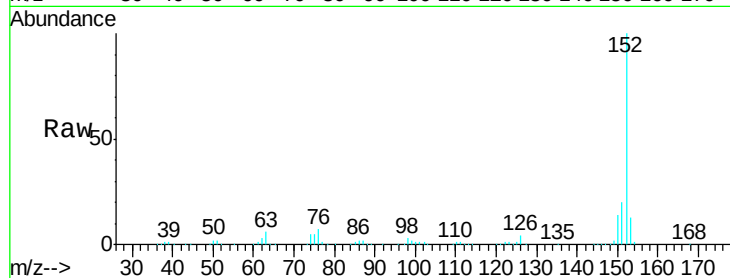
Tgt Ion:152 Resp: 381487

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

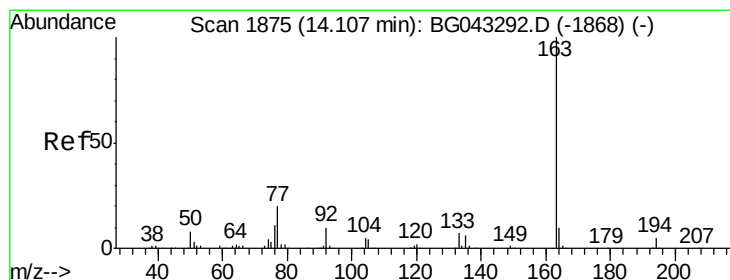
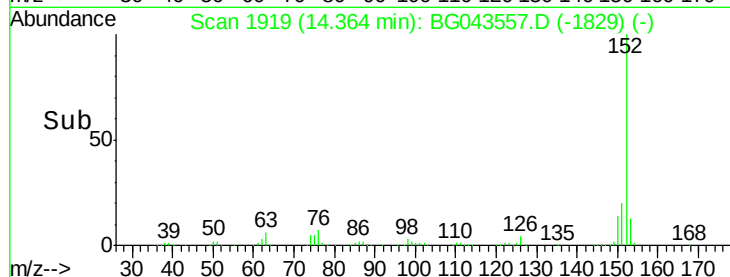
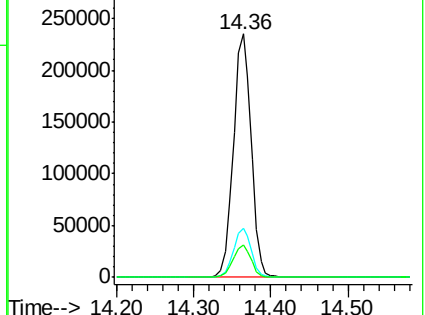
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.096 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

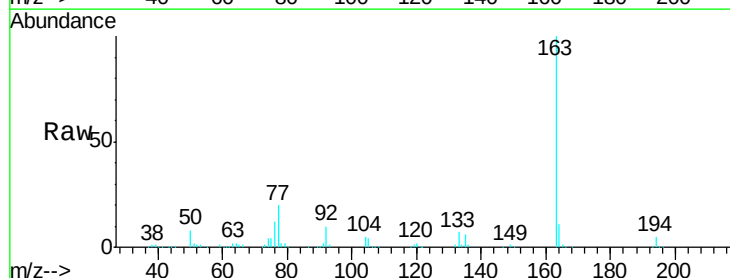
Tgt Ion:163 Resp: 351181

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

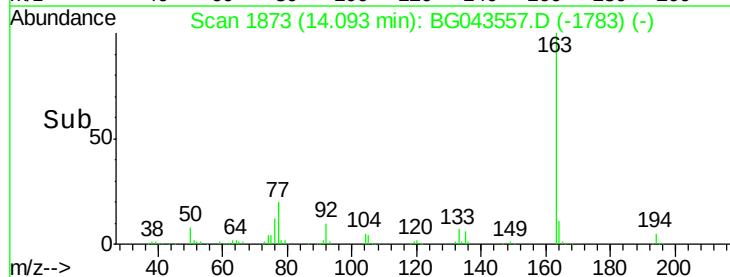
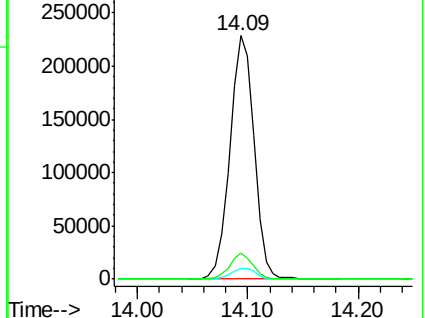
164 10.8 8.9 13.3

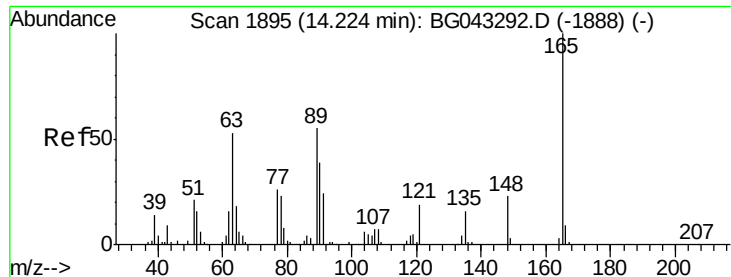


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.694 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

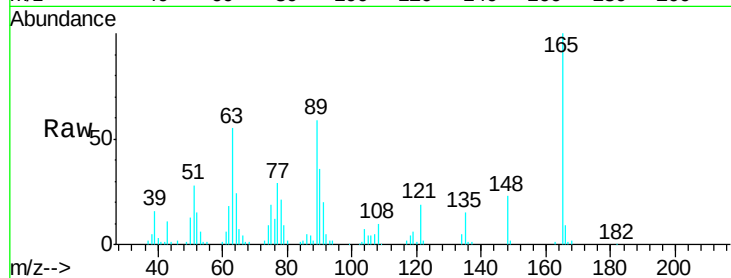
Tgt Ion:165 Resp: 69847

Ion Ratio Lower Upper

165 100

63 54.8 46.6 69.8

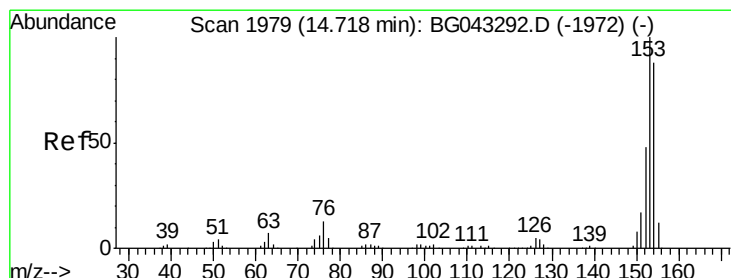
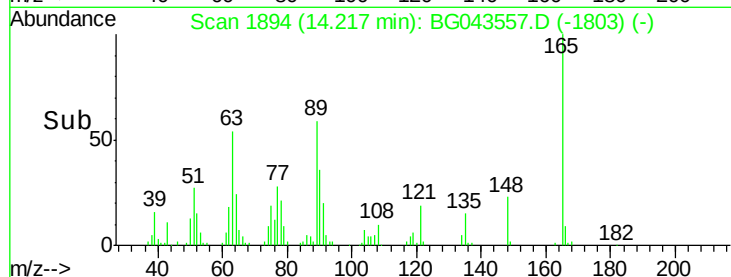
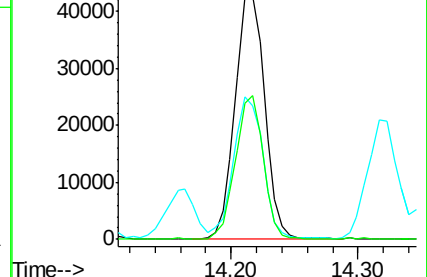
89 58.9 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.513 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

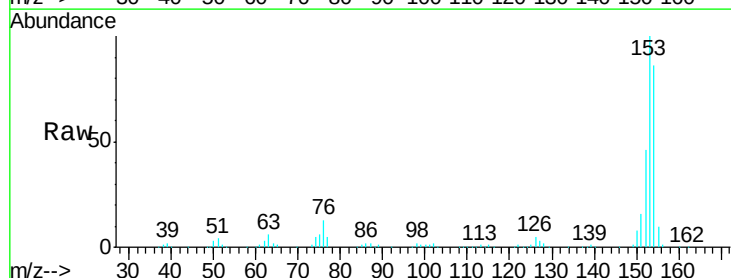
Tgt Ion:154 Resp: 227169

Ion Ratio Lower Upper

154 100

153 116.0 88.2 132.2

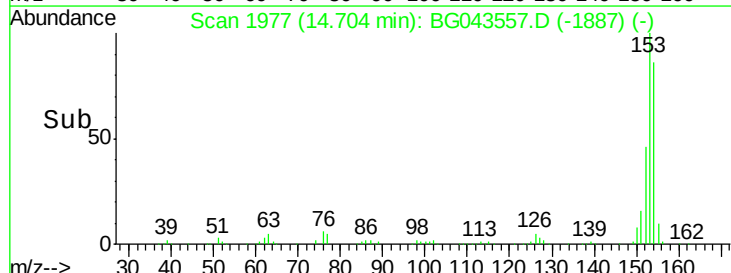
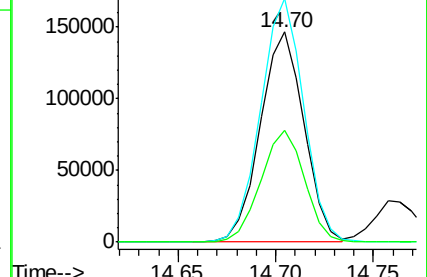
152 53.3 40.0 60.0

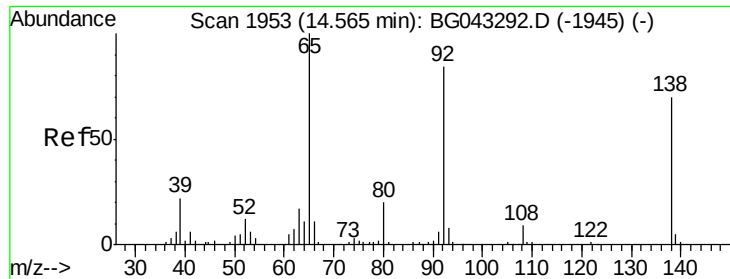


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.094 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

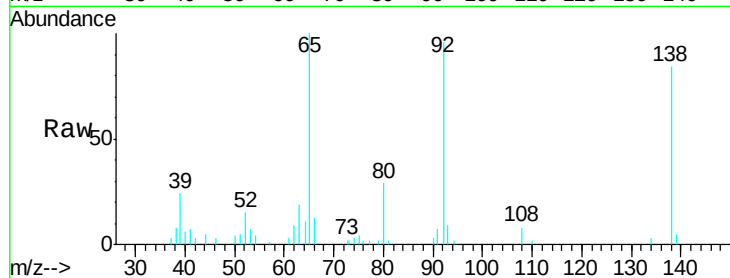
Tgt Ion:138 Resp: 19928

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

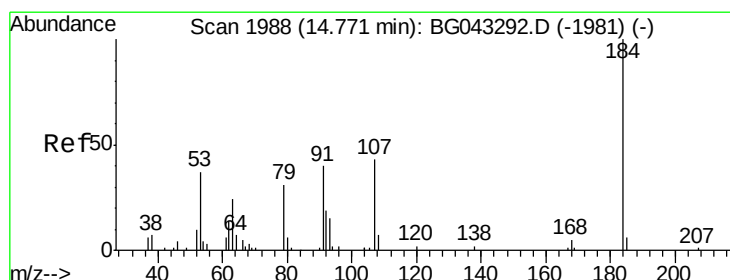
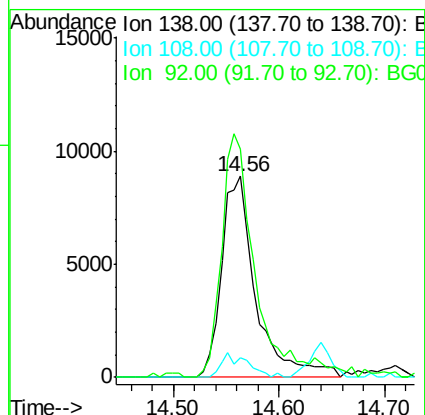
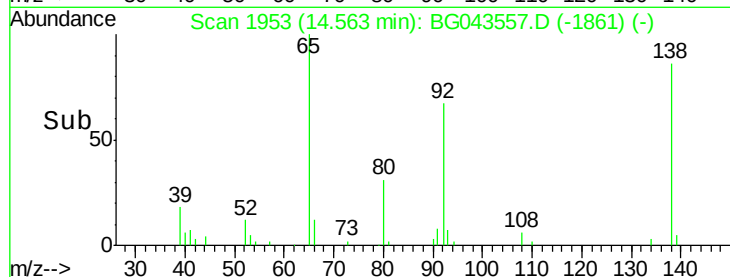
92 113.9 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 86.522 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

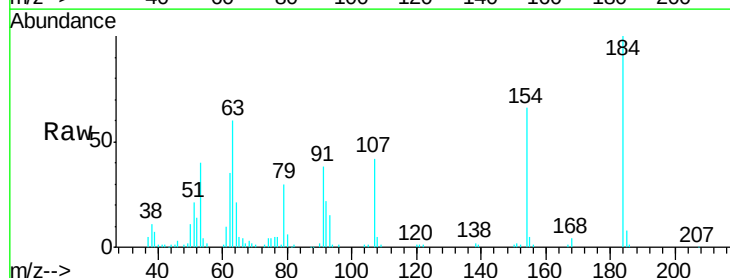
Tgt Ion:184 Resp: 79722

Ion Ratio Lower Upper

184 100

63 60.2 51.3 76.9

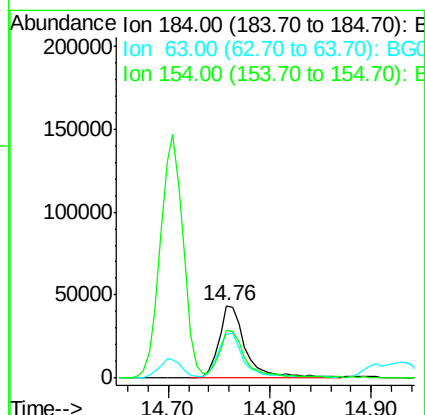
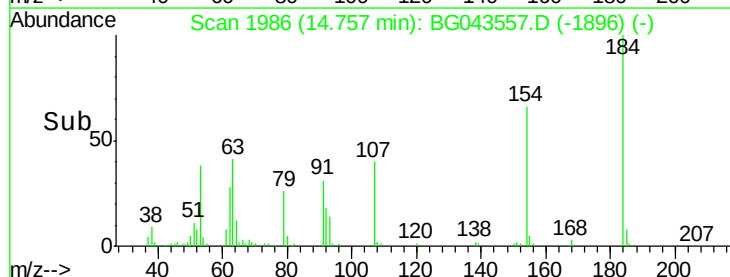
154 65.5 55.4 83.0

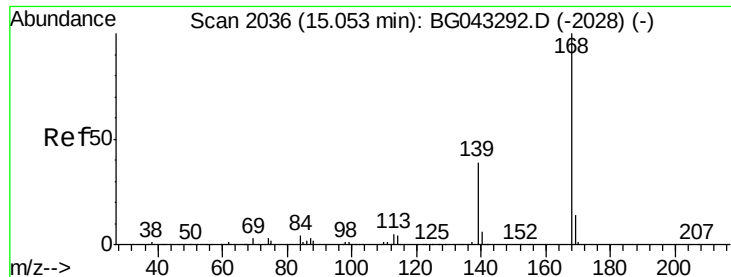


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

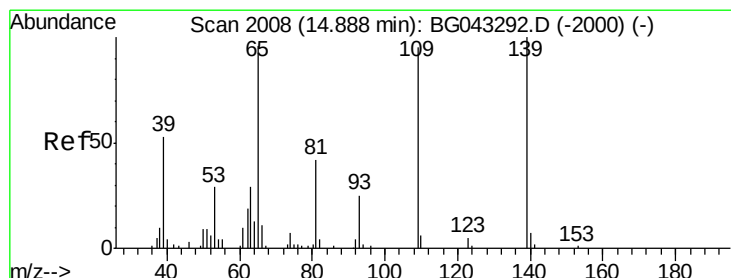
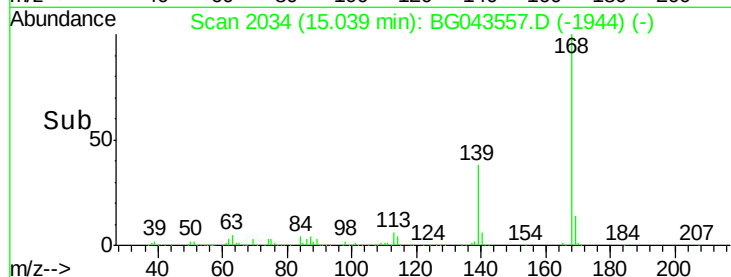
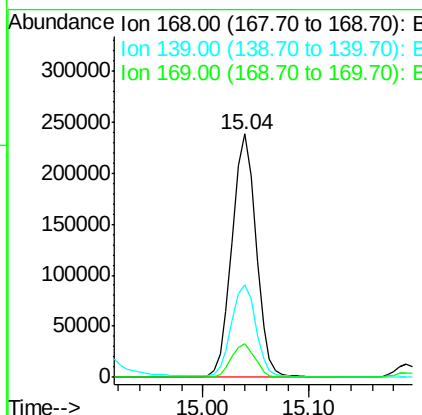
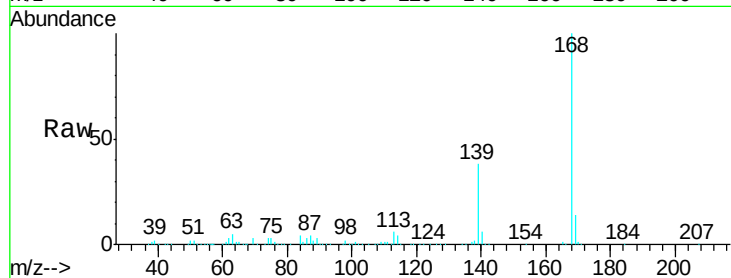




#55
Dibenzenofuran
Concen: 48.419 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

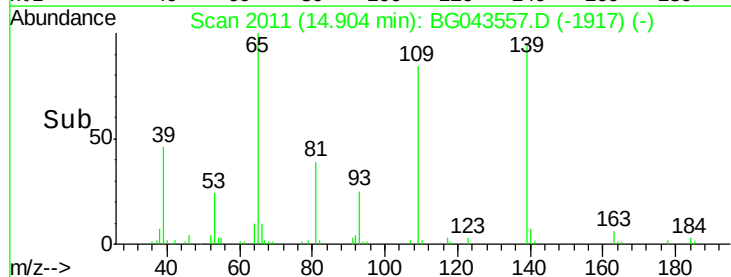
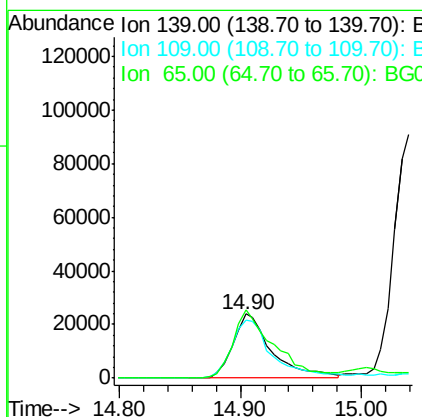
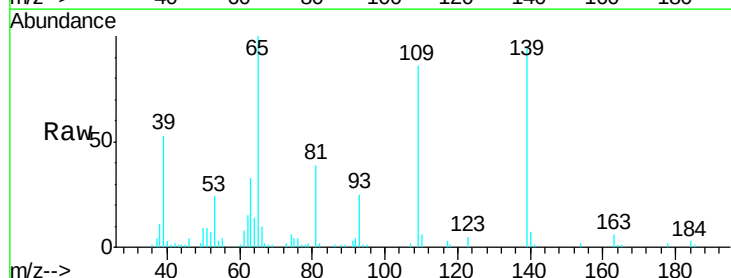
Instrument :
BNA_G
ClientSampleId :
PB124608BS

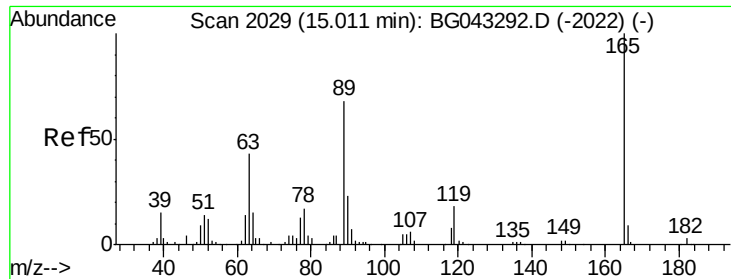
Tgt Ion:168 Resp: 375422
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.6
169 13.8 11.7 17.5



#56
4-Nitrophenol
Concen: 56.446 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:139 Resp: 53484
Ion Ratio Lower Upper
139 100
109 91.1 87.2 127.2
65 106.1 83.8 123.8

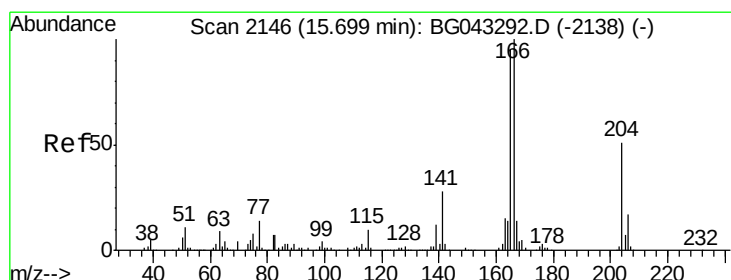
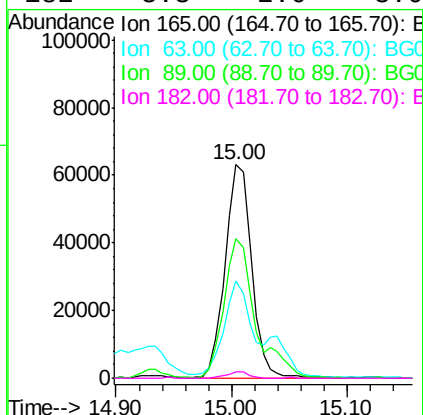
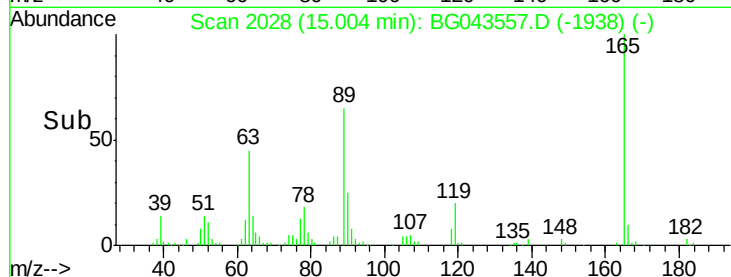
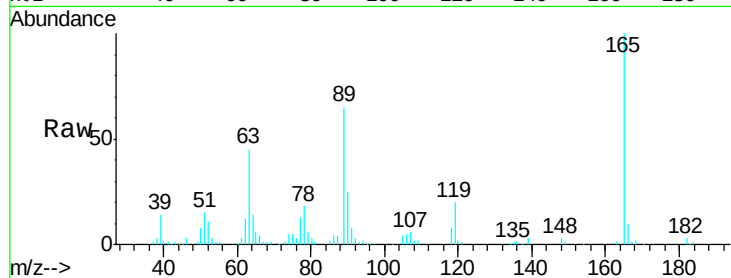




#57
2,4-Dinitrotoluene
Concen: 48.430 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

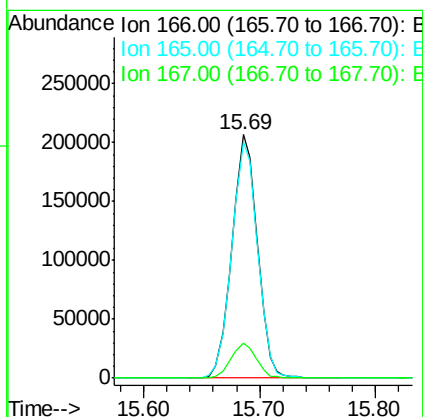
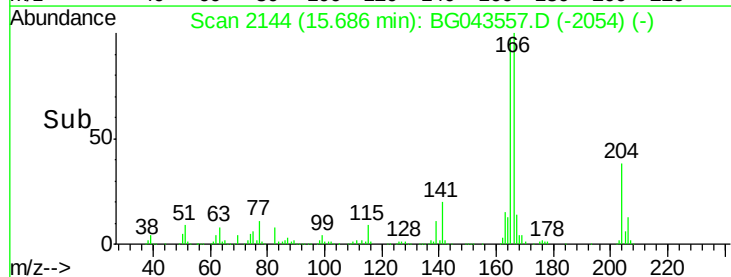
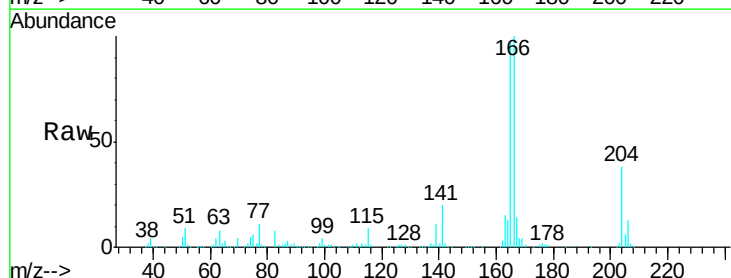
Instrument :
BNA_G
ClientSampleId :
PB124608BS

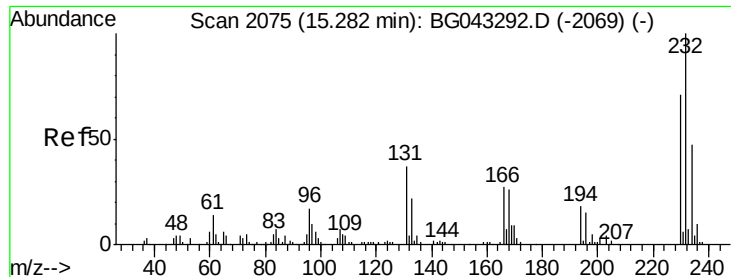
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.2	49.8
89	65.2	52.2	78.4
182	3.3	2.0	3.0



#58
Fluorene
Concen: 48.578 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.0	118.6
167	14.3	10.5	15.7

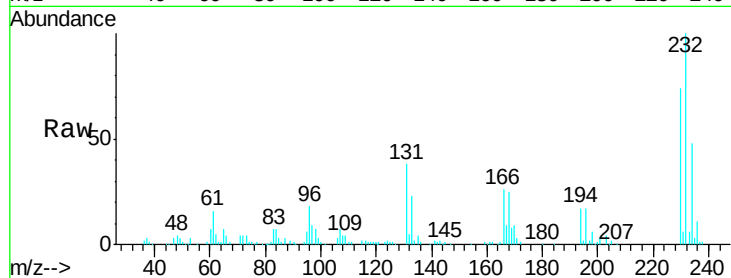




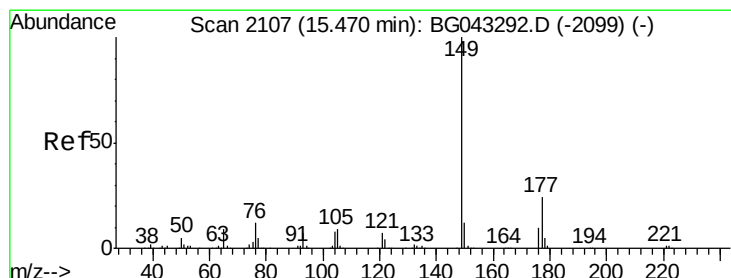
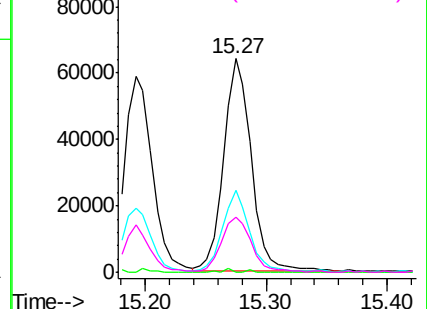
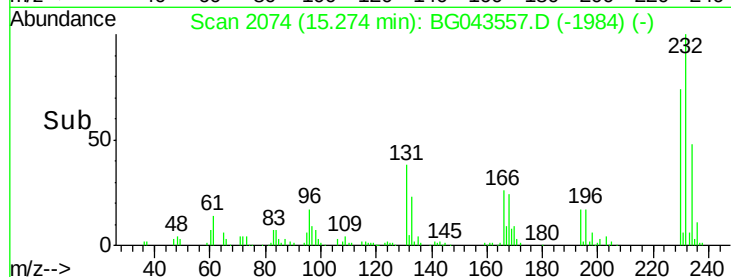
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.527 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tgt Ion:	232	Resp:	100906
Ion	Ratio	Lower	Upper
232	100		
131	36.3	26.9	40.3
130	0.5	1.8	2.6
166	28.5	20.9	31.3

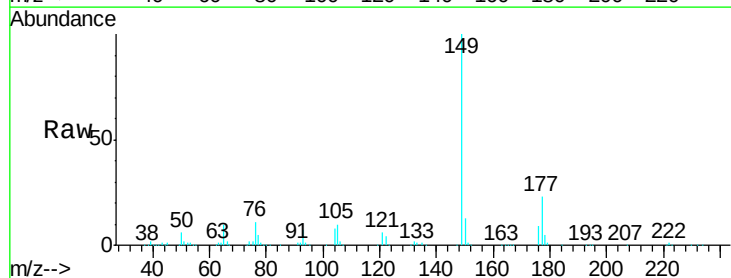


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

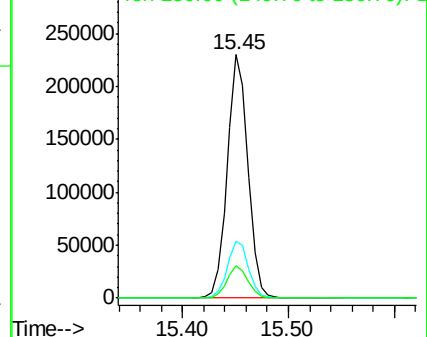
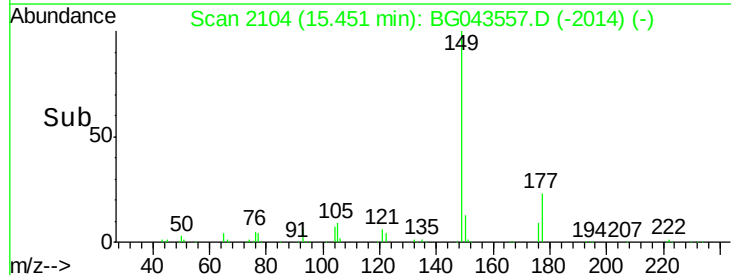


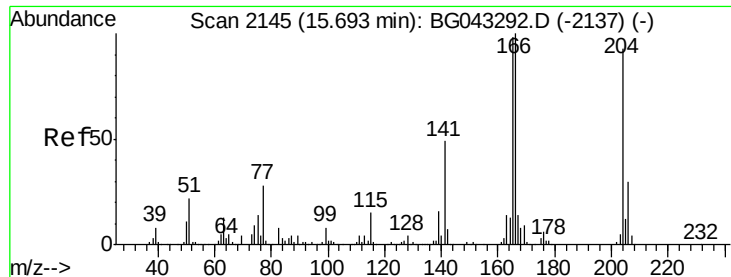
#60
 Diethylphthalate
 Concen: 45.791 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:	149	Resp:	310158
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.6	29.4
150	13.3	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

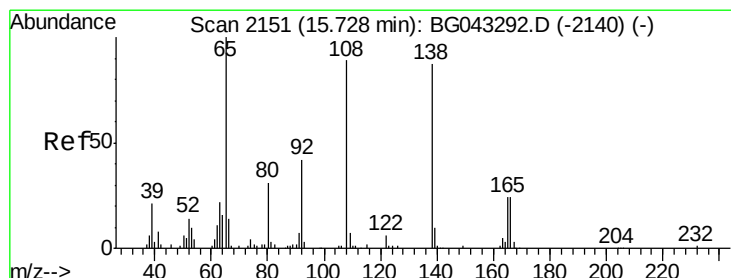
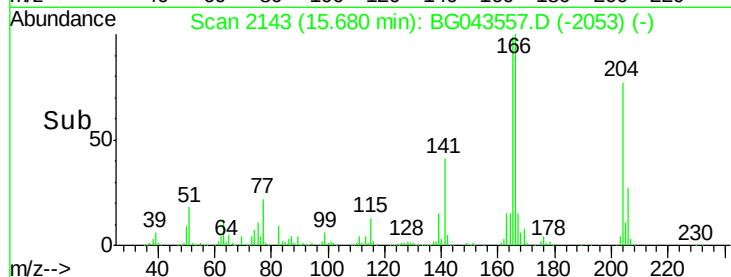
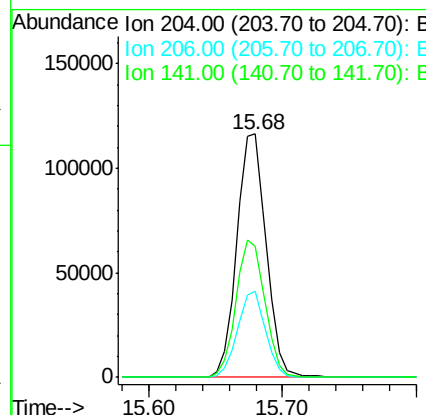
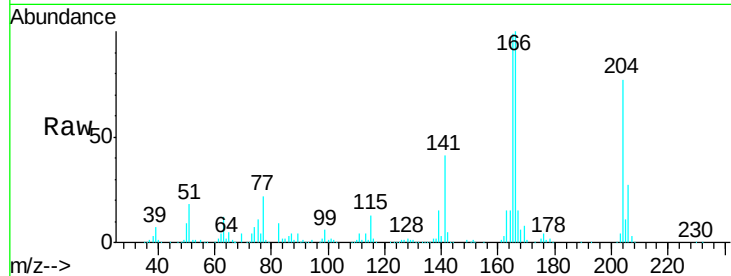




#61
 4-Chlorophenyl-phenylether
 Concen: 46.907 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

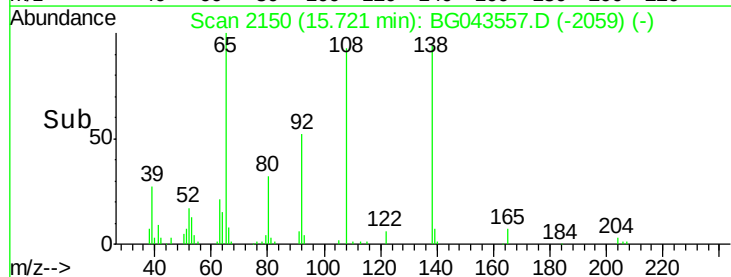
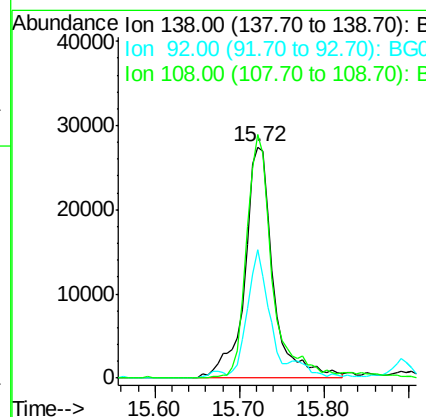
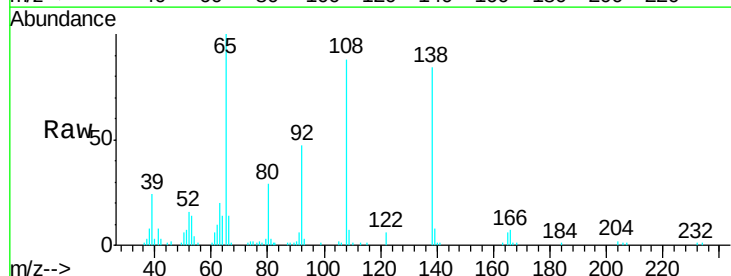
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

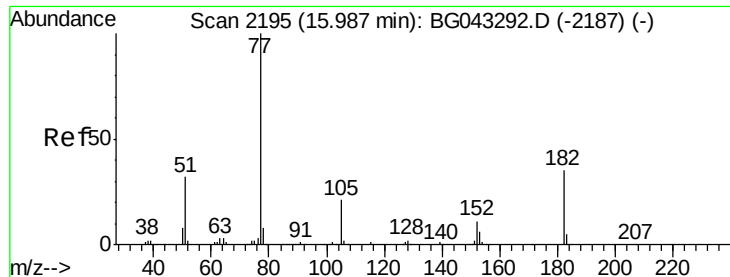
Tgt Ion:204 Resp: 177949
 Ion Ratio Lower Upper
 204 100
 206 35.3 28.4 42.6
 141 53.6 43.0 64.6



#62
 4-Nitroaniline
 Concen: 43.879 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:138 Resp: 64073
 Ion Ratio Lower Upper
 138 100
 92 55.7 33.4 73.4
 108 105.4 78.0 118.0





#63

Azobenzene

Concen: 48.285 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

Tgt Ion: 77 Resp: 264689

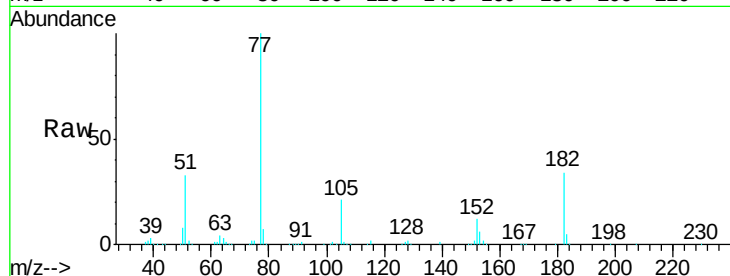
Ion Ratio Lower Upper

77 100

182 33.7 13.7 53.7

105 21.3 0.4 40.4

51 33.2 11.0 51.0

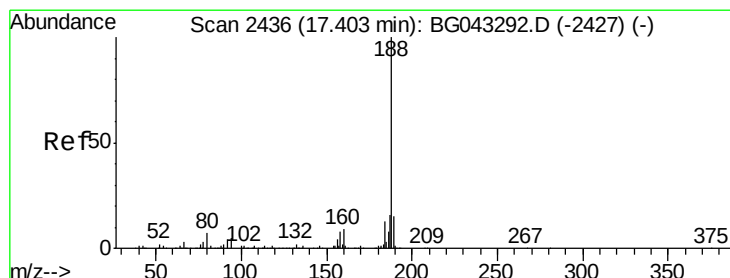
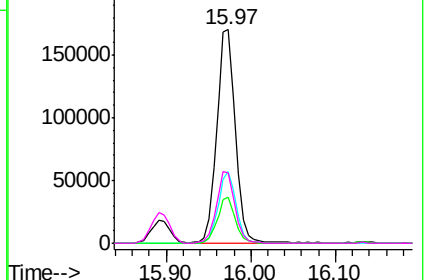
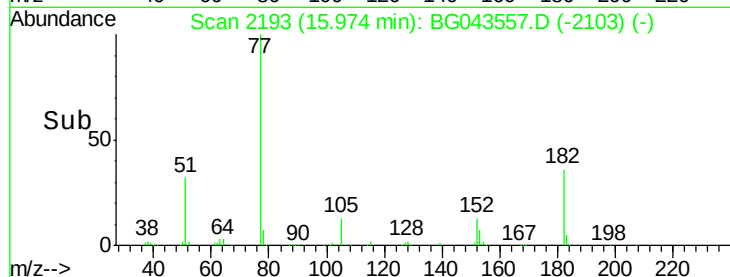


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

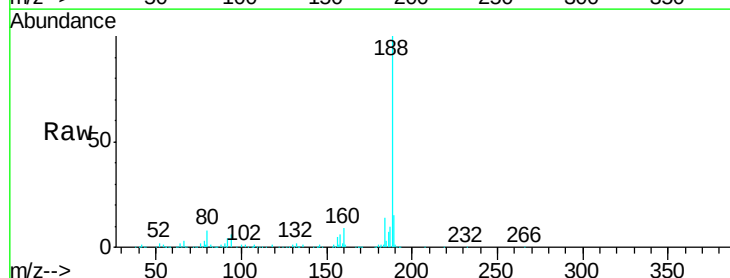
Tgt Ion: 188 Resp: 213223

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

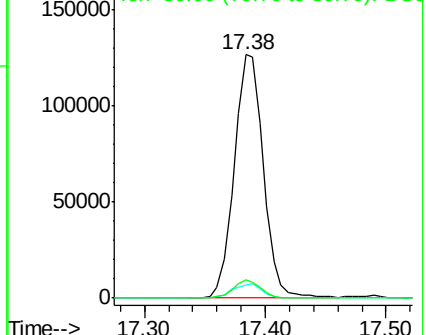
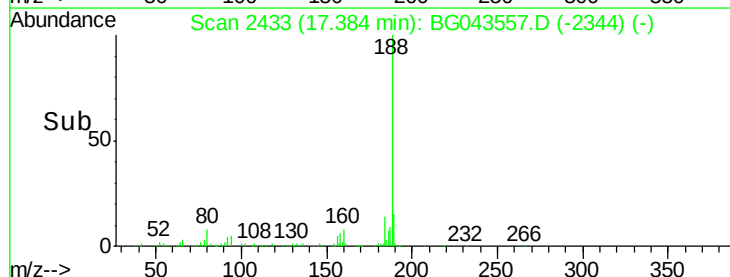
80 7.5 4.5 6.7#

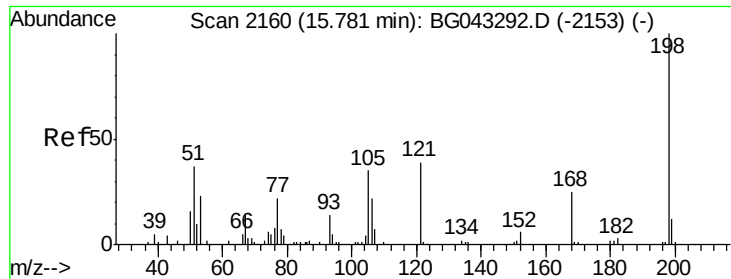


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

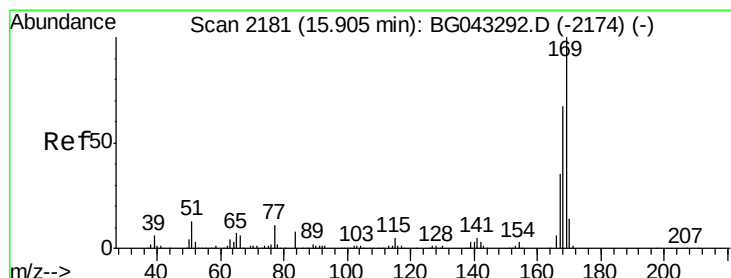
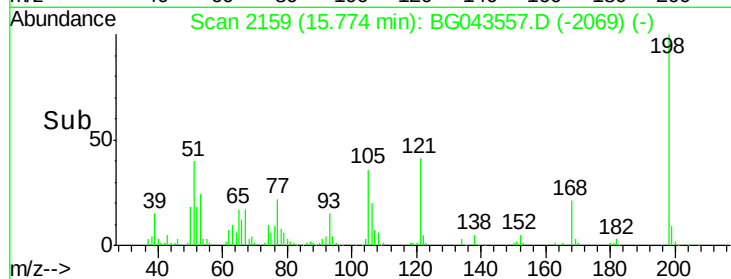
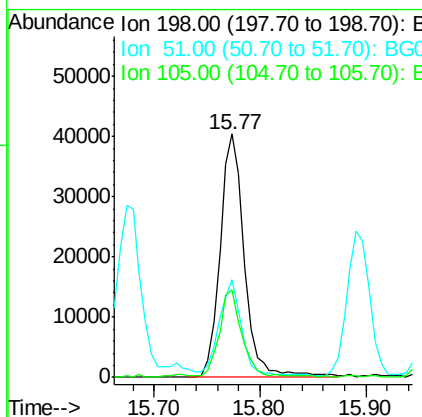
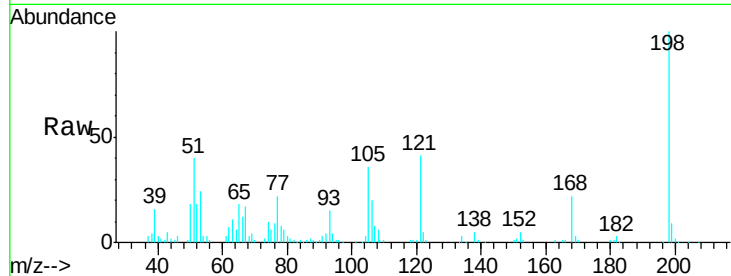




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.323 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

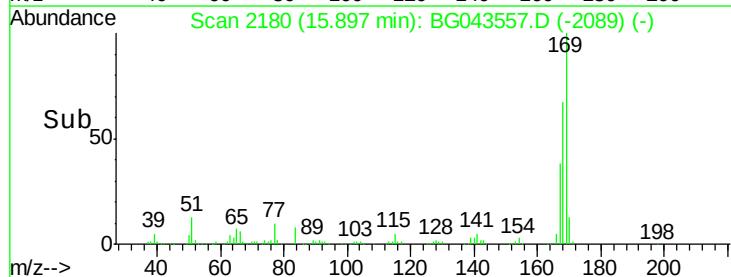
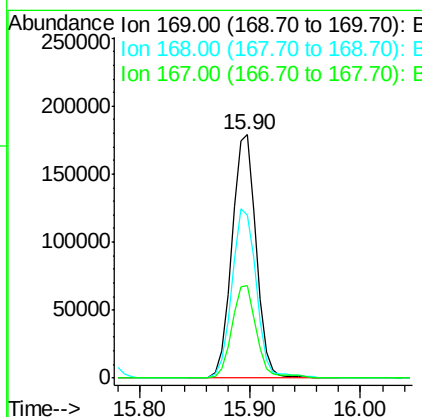
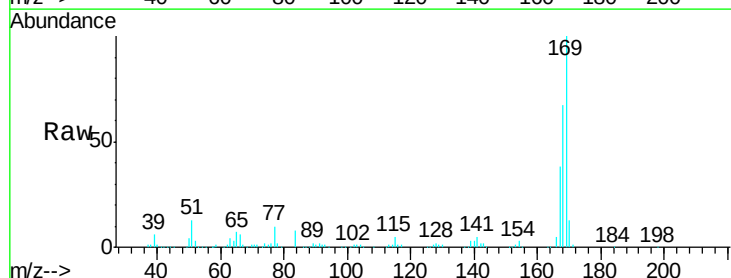
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

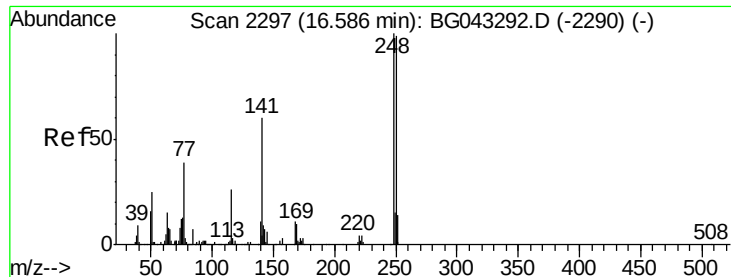
Tgt Ion:198 Resp: 64401
 Ion Ratio Lower Upper
 198 100
 51 40.2 13.2 53.2
 105 35.7 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 45.880 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:169 Resp: 276190
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.6
 167 37.8 27.5 41.3

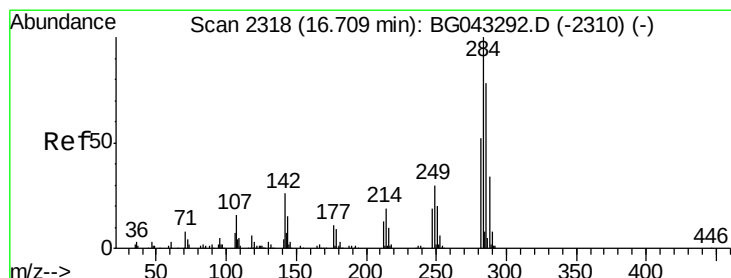
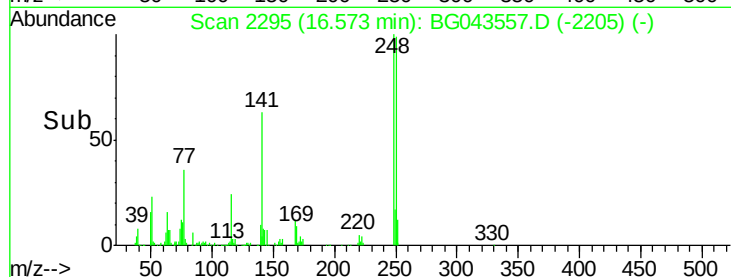
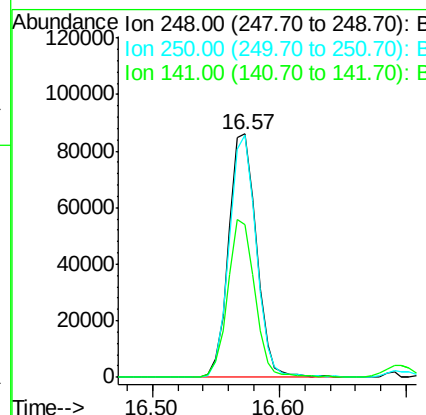
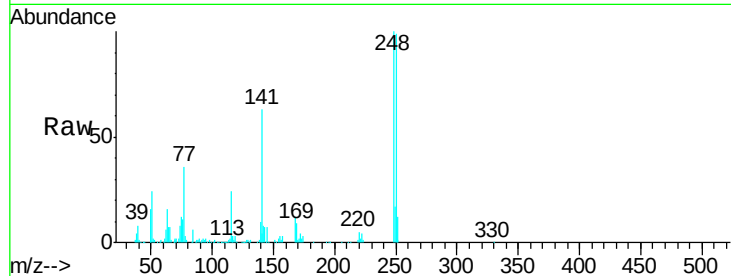




#67
 4-Bromophenyl-phenylether
 Concen: 45.359 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

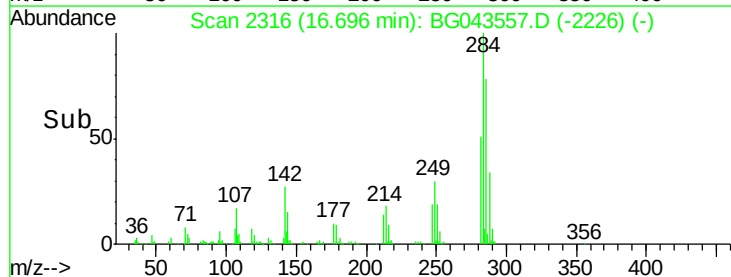
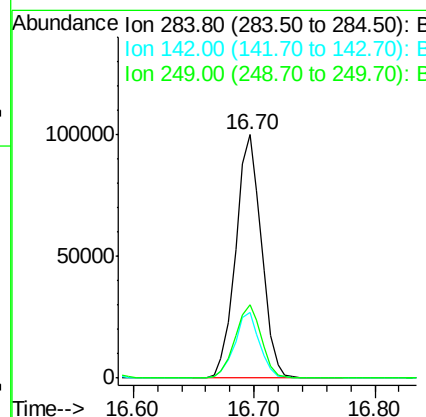
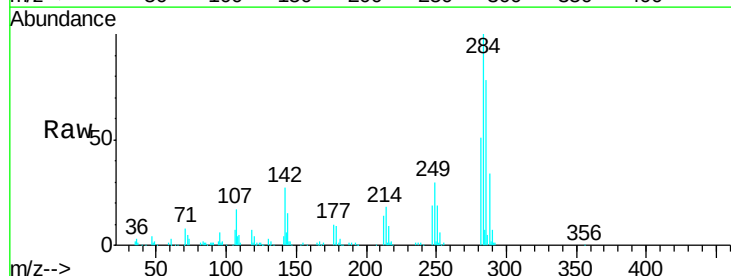
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

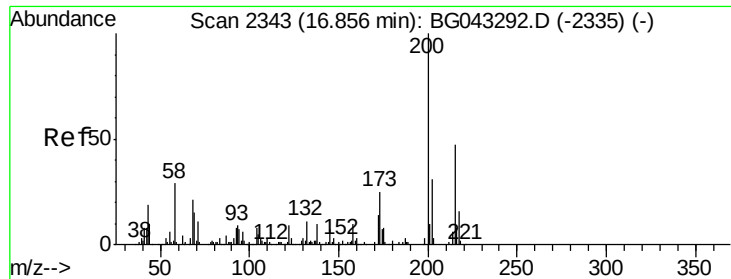
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	62.7	47.5	71.3



#68
 Hexachlorobenzene
 Concen: 44.988 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	19.8	29.8
249	30.3	23.8	35.6





#69

Atrazine

Concen: 54.344 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

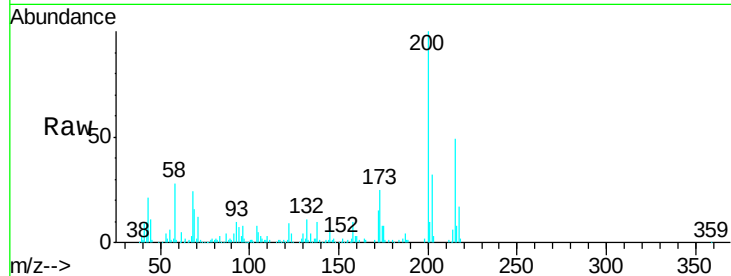
Tgt Ion:200 Resp: 113674

Ion Ratio Lower Upper

200 100

173 25.3 4.7 44.7

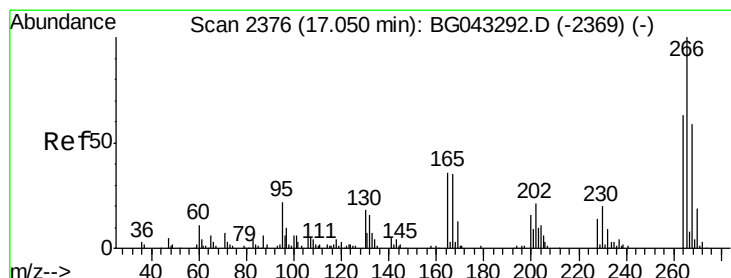
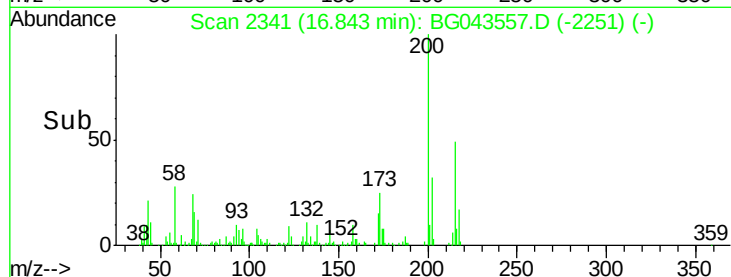
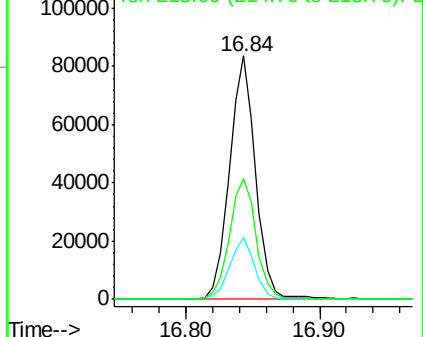
215 49.4 28.5 68.5



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: 95.518 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

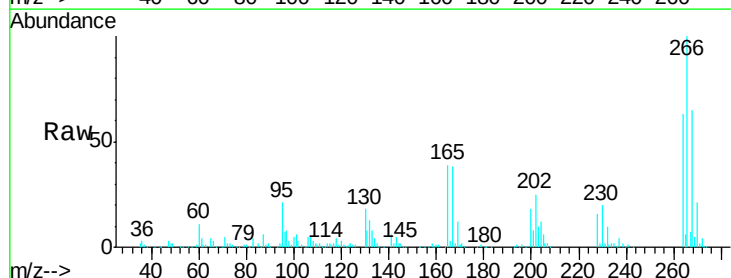
Tgt Ion:266 Resp: 143361

Ion Ratio Lower Upper

266 100

268 65.0 50.4 75.6

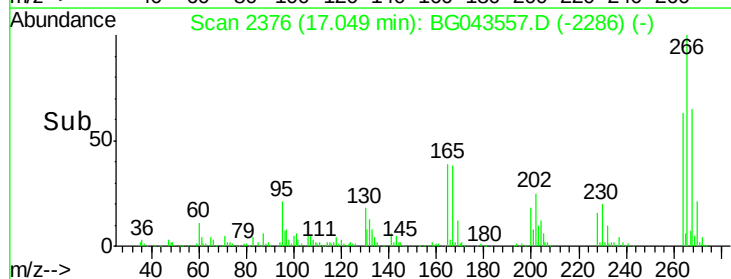
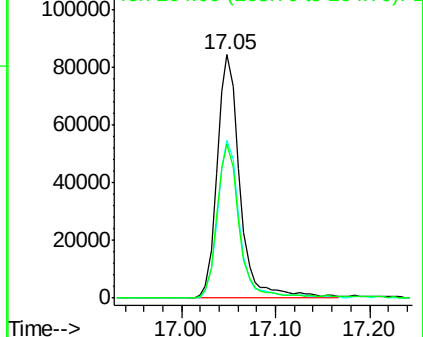
264 63.5 48.9 73.3

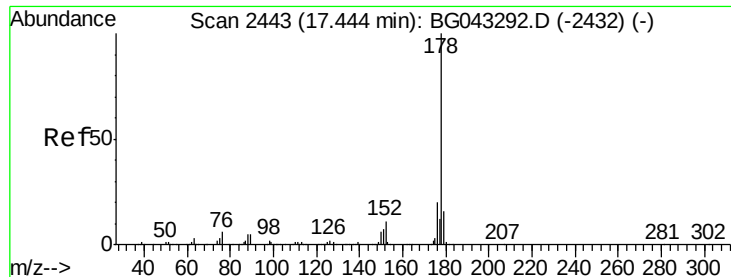


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

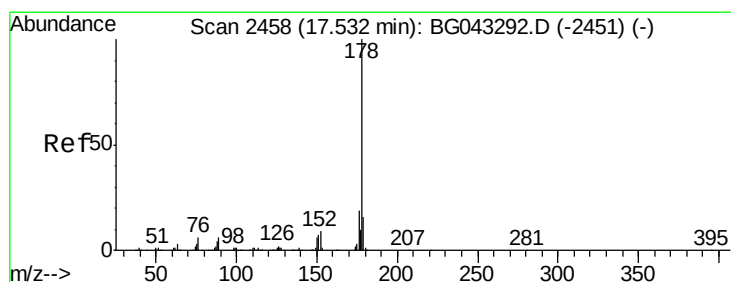
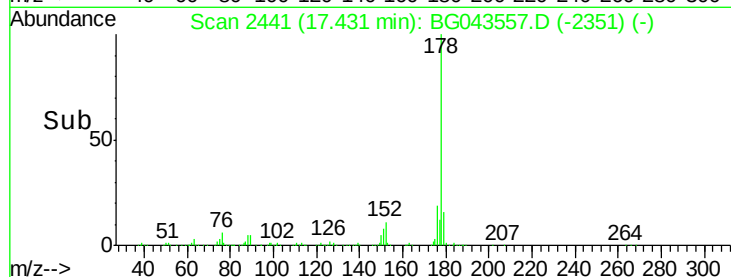
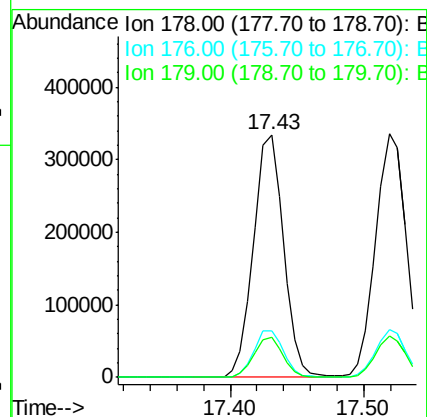
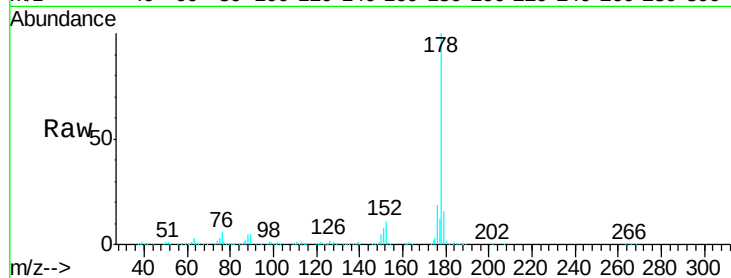




#71
 Phenanthrene
 Concen: 47.694 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

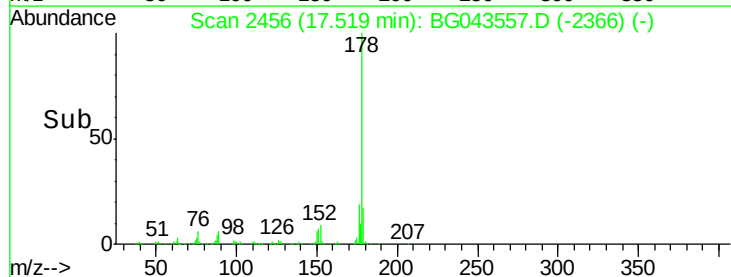
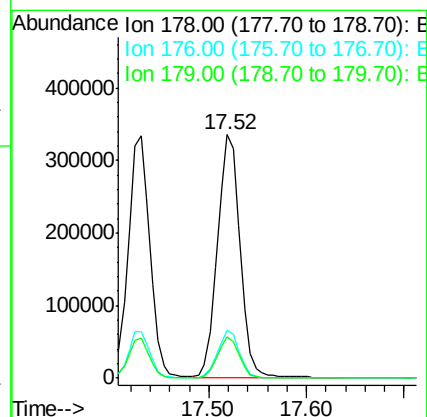
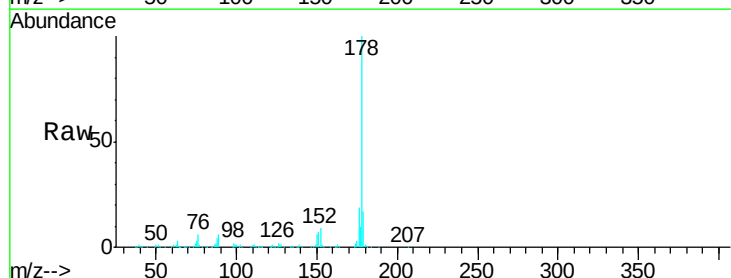
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

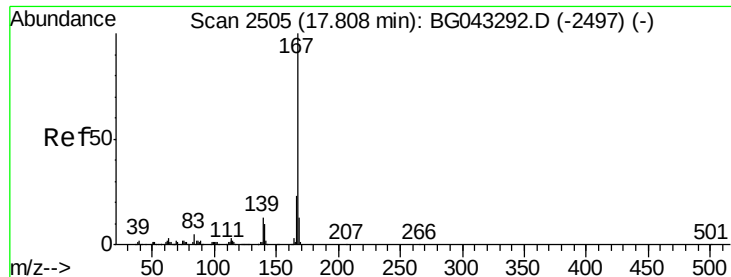
Tgt Ion:178 Resp: 520756
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 16.3 13.0 19.6



#72
 Anthracene
 Concen: 49.344 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:178 Resp: 539050
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.7 13.7 20.5

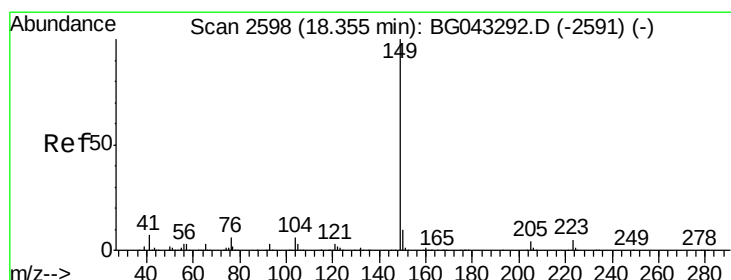
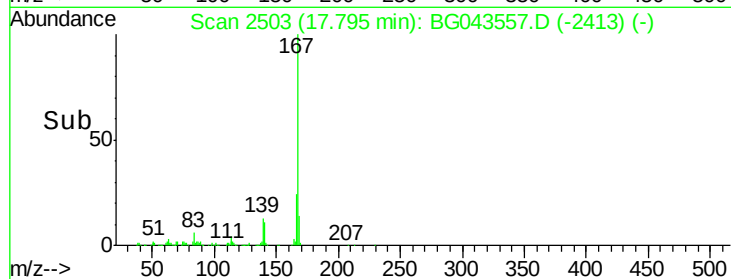
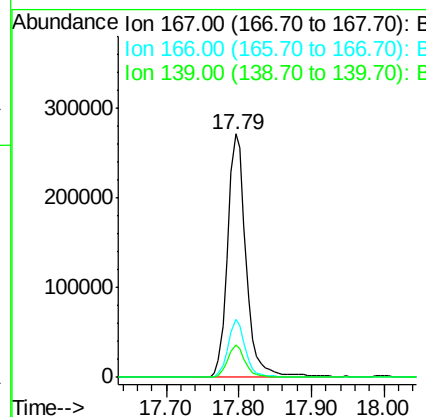
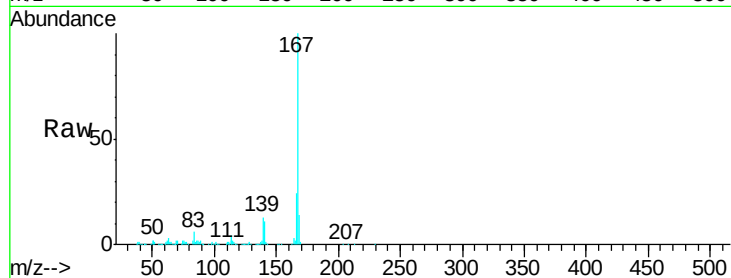




#73
 Carbazole
 Concen: 48.813 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

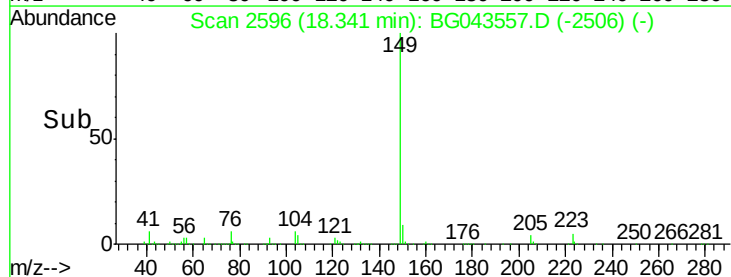
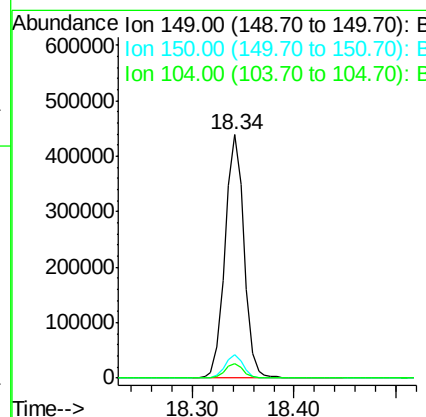
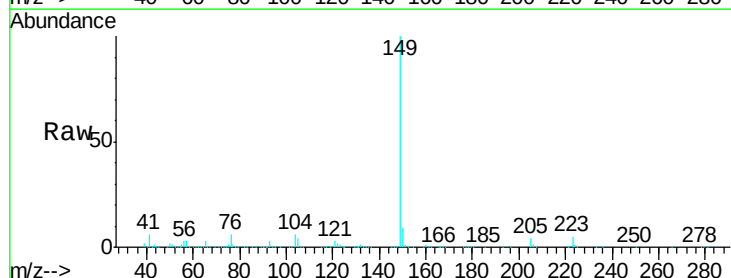
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

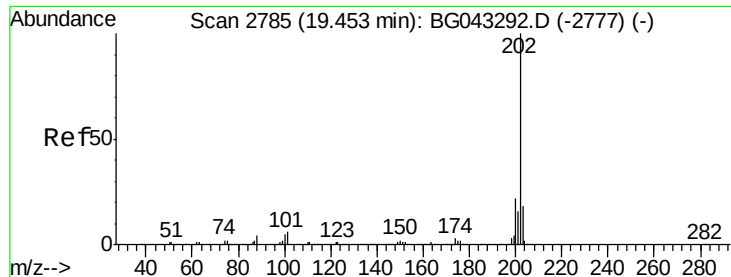
Tgt Ion:167 Resp: 482892
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.7 28.1
 139 13.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 47.357 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:149 Resp: 568445
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.0 12.0
 104 5.8 4.4 6.6





#75

Fluoranthene

Concen: 48.212 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

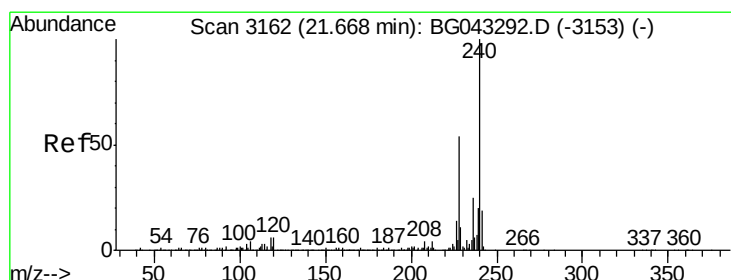
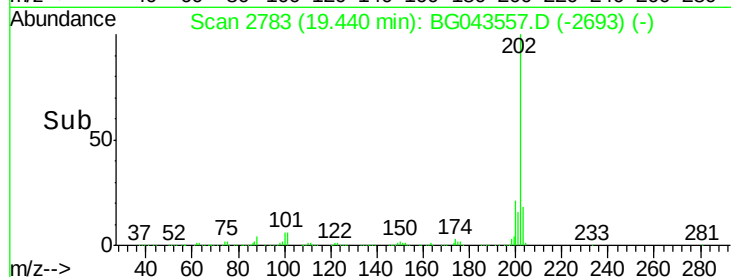
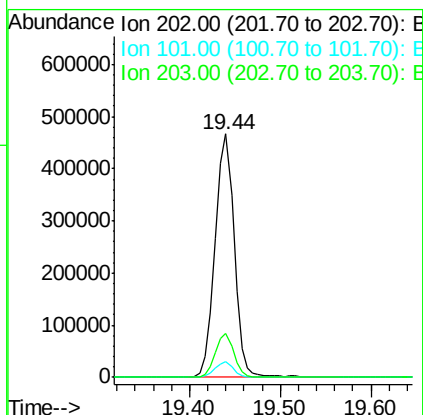
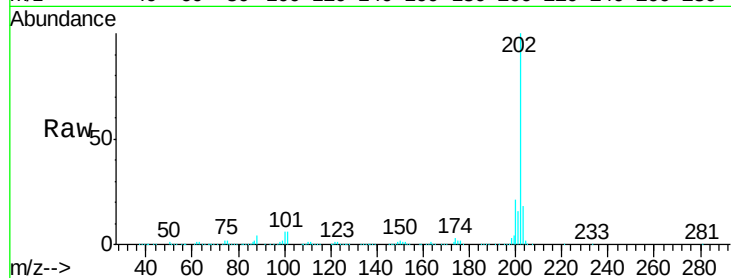
Instrument :

BNA_G

ClientSampleId :

PB124608BS

Tgt Ion:	202	Resp:	686279
Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.3
203	18.3	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

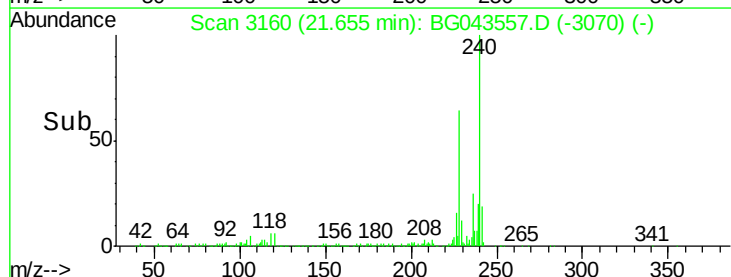
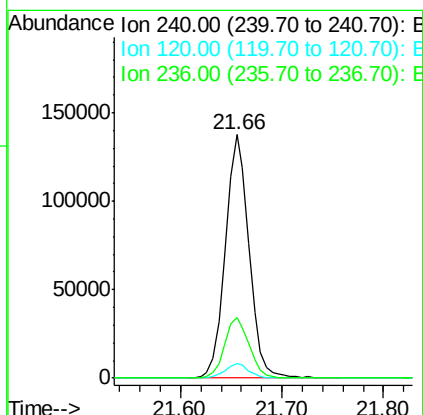
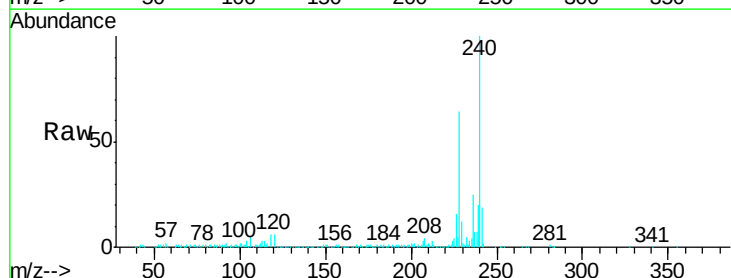
RT: 21.66 min Scan# 3160

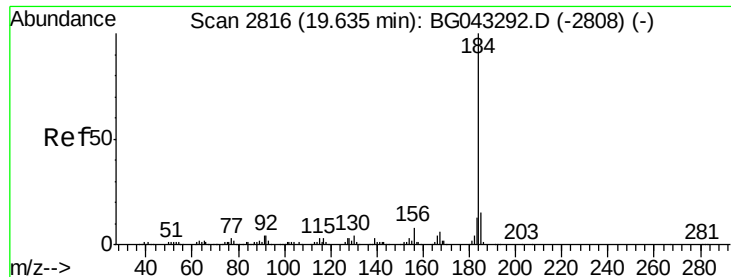
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	240	Resp:	222504
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	6.8
236	24.7	19.8	29.8





#77

Benzidine

Concen: 15.890 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.03 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

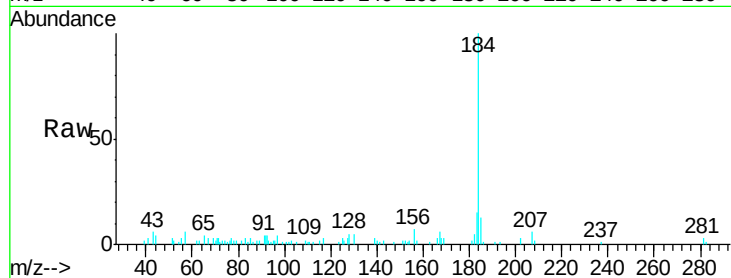
Tgt Ion:184 Resp: 71156

Ion Ratio Lower Upper

184 100

185 13.3 11.0 16.4

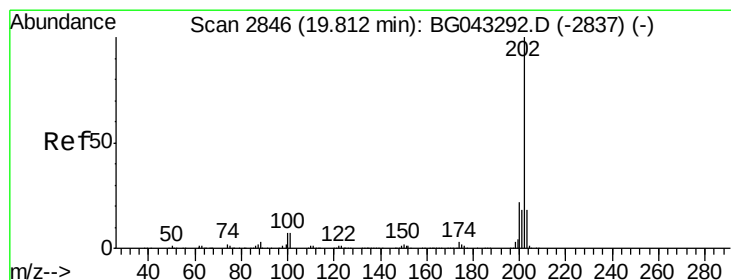
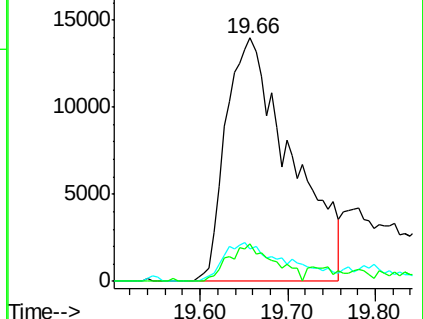
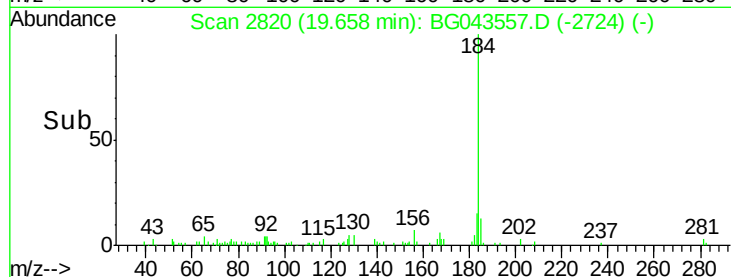
183 15.5 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.985 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

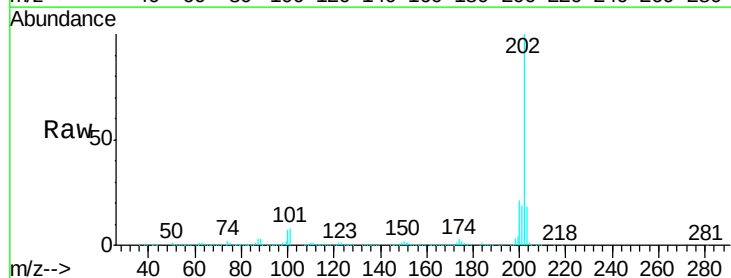
Tgt Ion:202 Resp: 688426

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

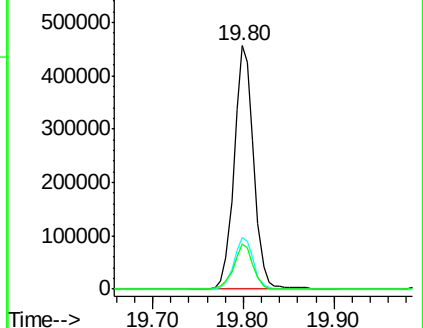
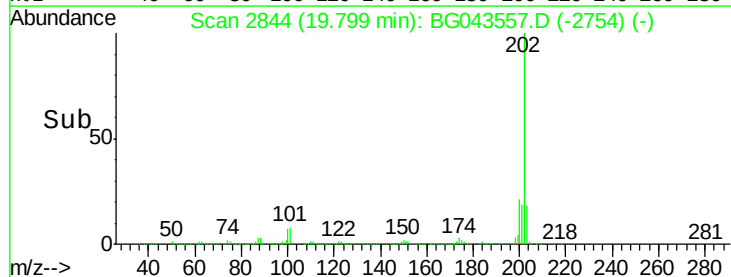
203 18.5 14.7 22.1

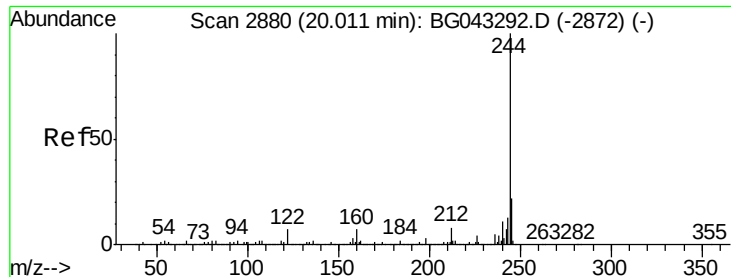


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.700 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

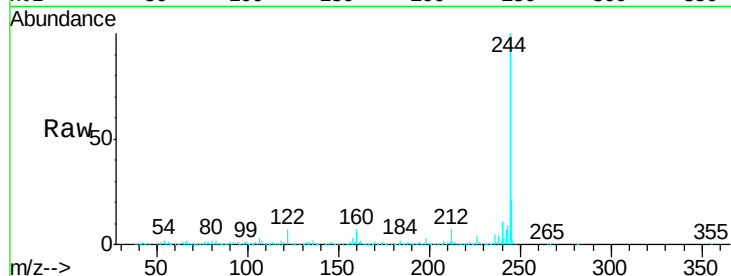
Tgt Ion:244 Resp: 1158746

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

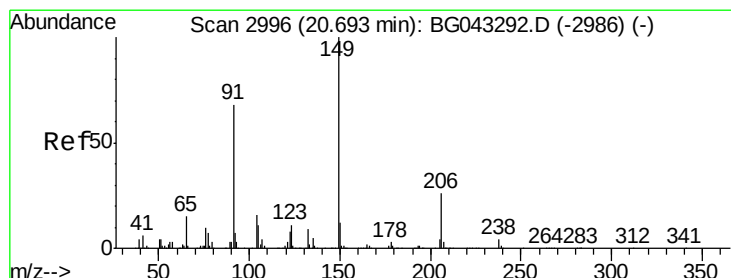
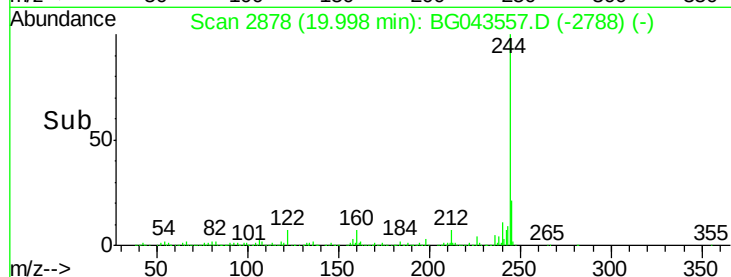
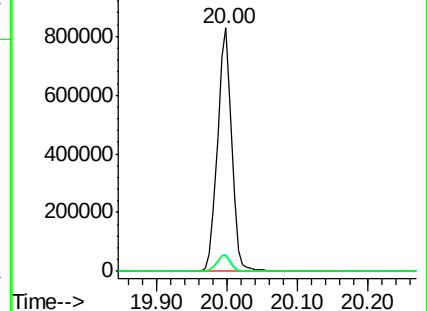
122 6.5 5.4 8.2



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: 48.682 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

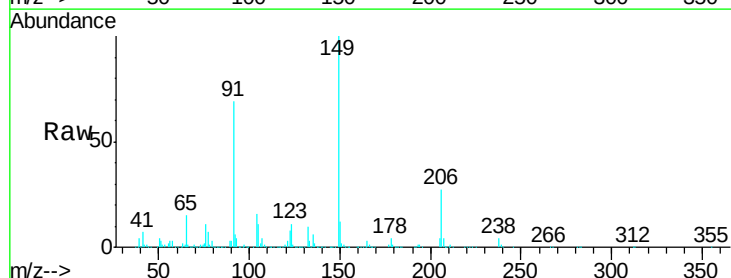
Tgt Ion:149 Resp: 254022

Ion Ratio Lower Upper

149 100

91 68.7 51.2 76.8

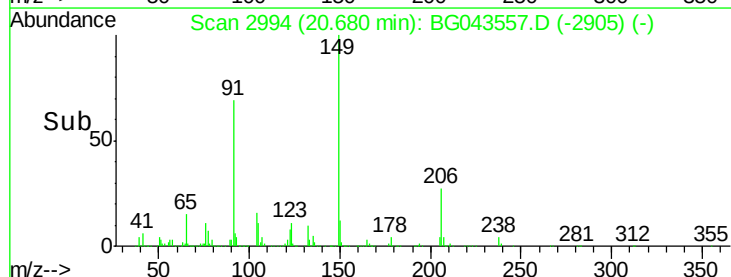
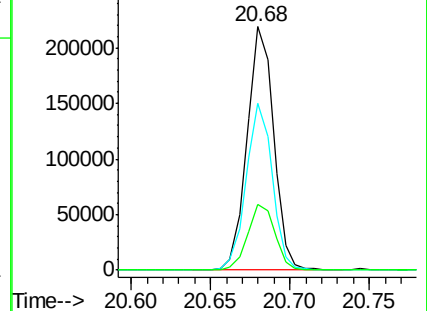
206 27.1 22.5 33.7

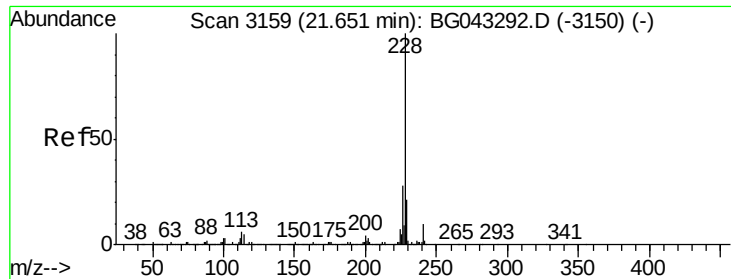


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.598 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

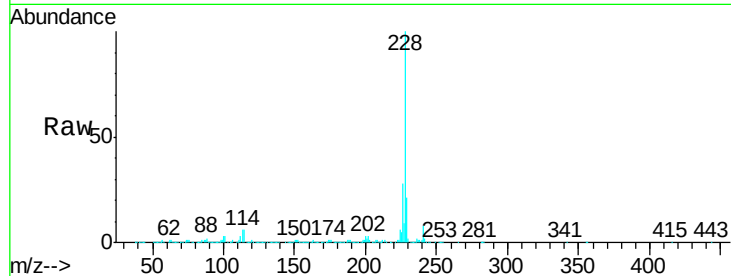
Tgt Ion:228 Resp: 691267

Ion Ratio Lower Upper

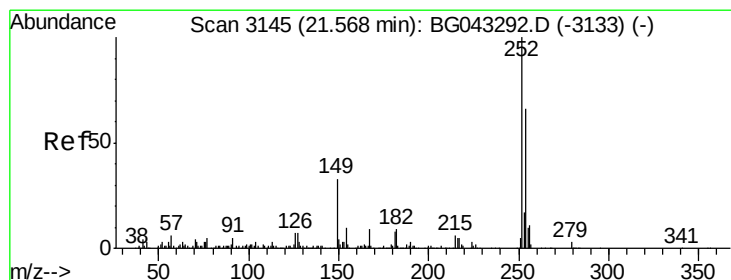
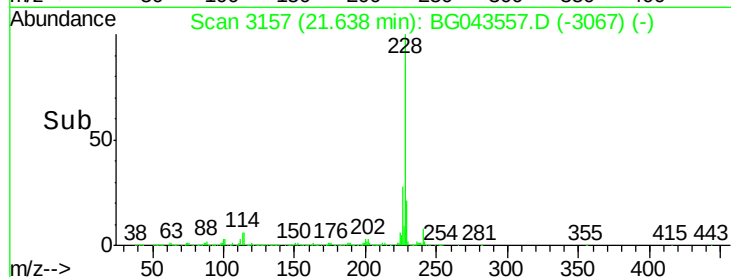
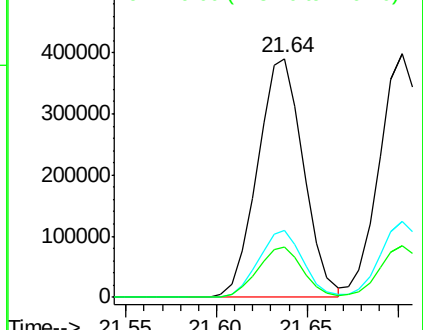
228 100

226 28.1 22.2 33.2

229 20.9 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: 20.405 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

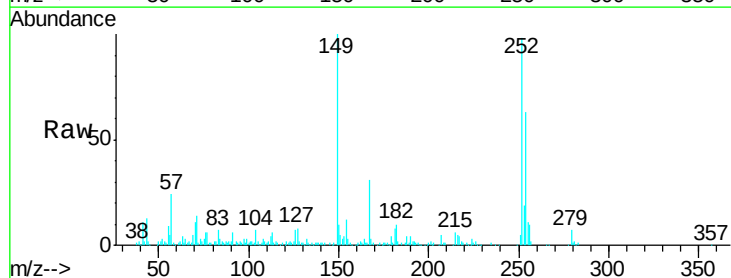
Tgt Ion:252 Resp: 109997

Ion Ratio Lower Upper

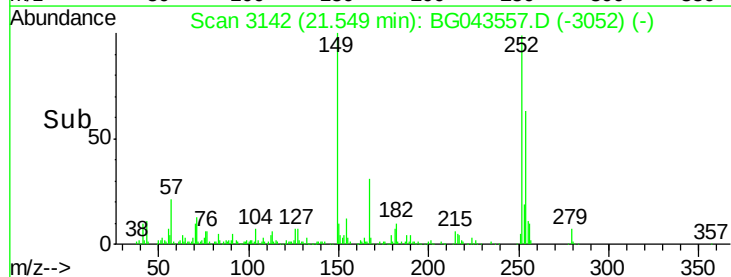
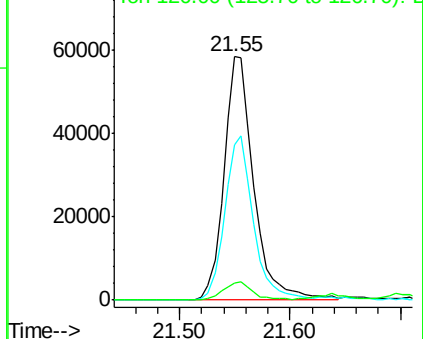
252 100

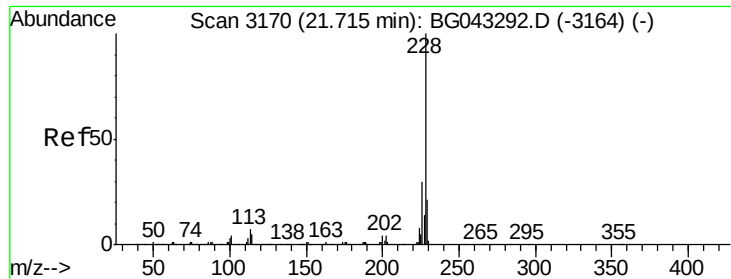
254 63.9 50.8 76.2

126 6.8 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: 49.044 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

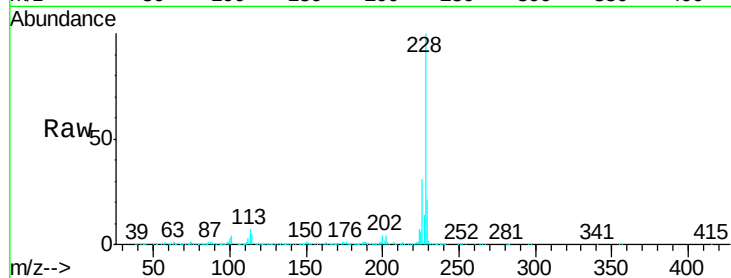
Tgt Ion:228 Resp: 679161

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

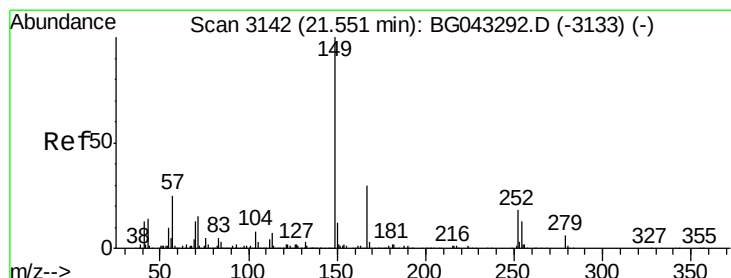
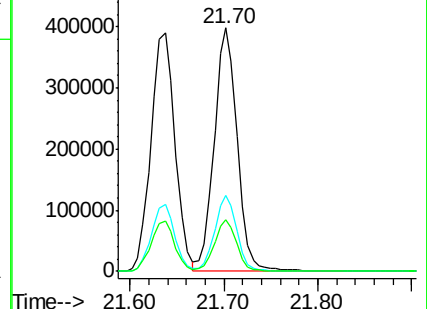
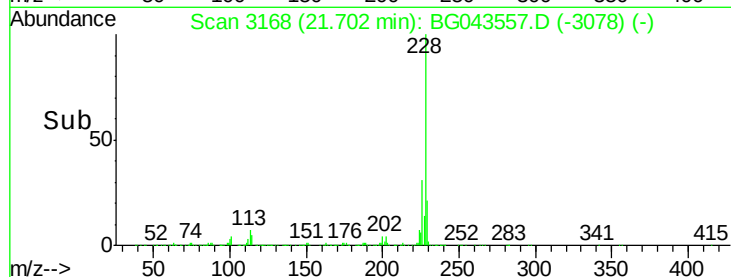
229 21.0 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.934 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

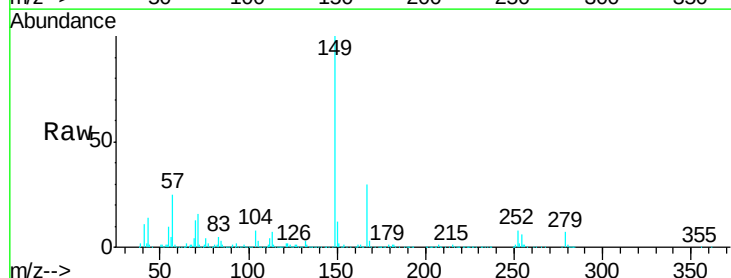
Tgt Ion:149 Resp: 362705

Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

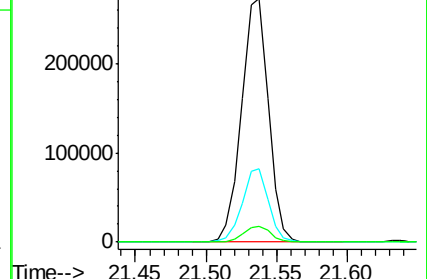
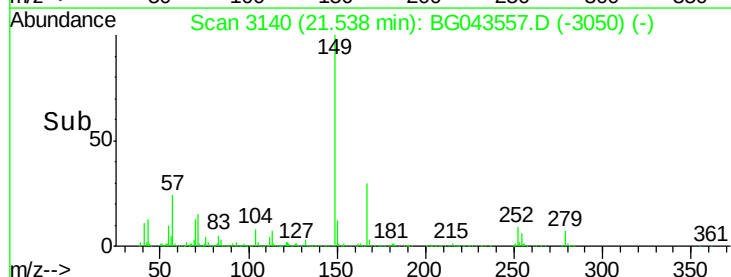
279 6.6 5.4 8.2

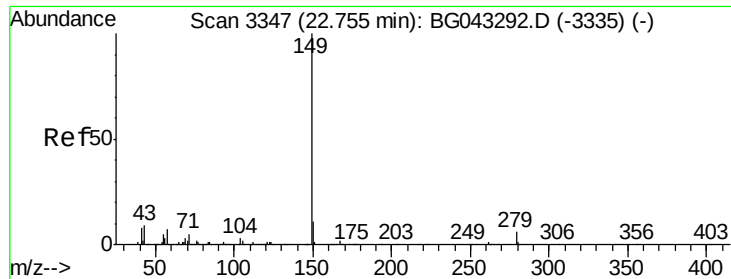


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

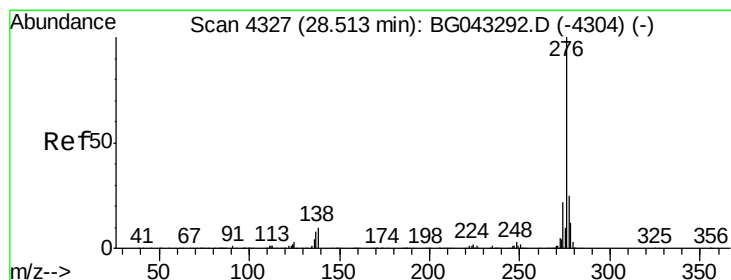
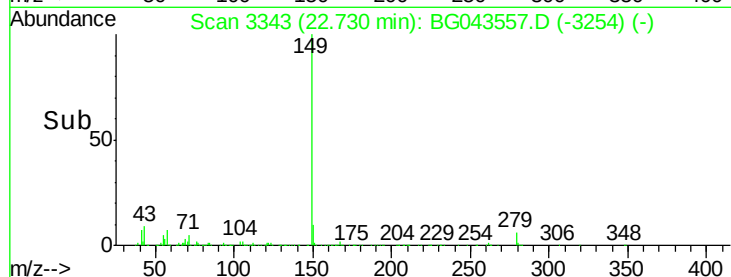
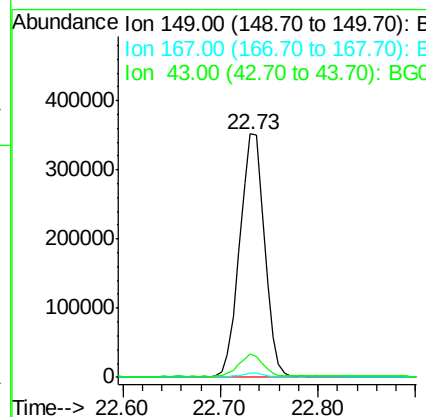
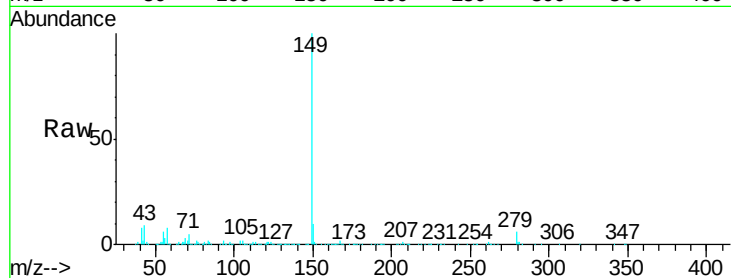




#85
Di-n-octyl phthalate
Concen: 49.650 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

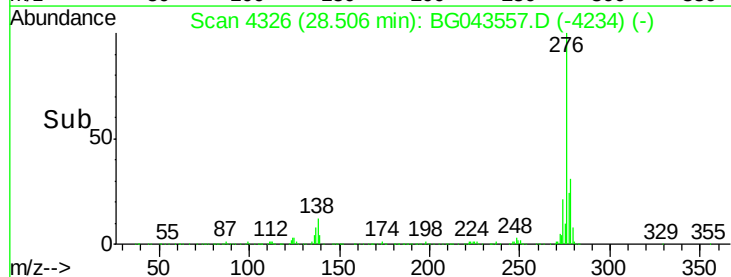
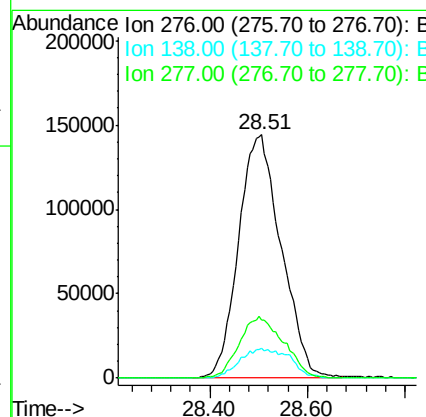
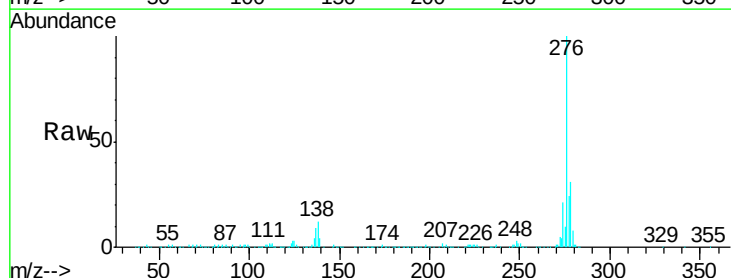
Instrument :
BNA_G
ClientSampleId :
PB124608BS

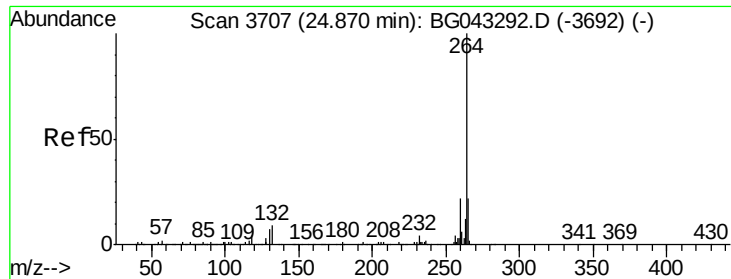
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.9	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.324 ng
RT: 28.51 min Scan# 4326
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	6.8	10.2#
277	26.3	20.9	31.3

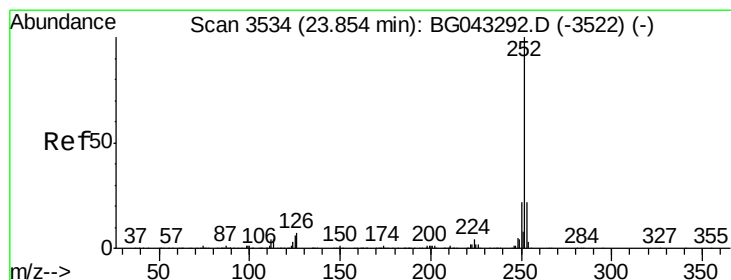
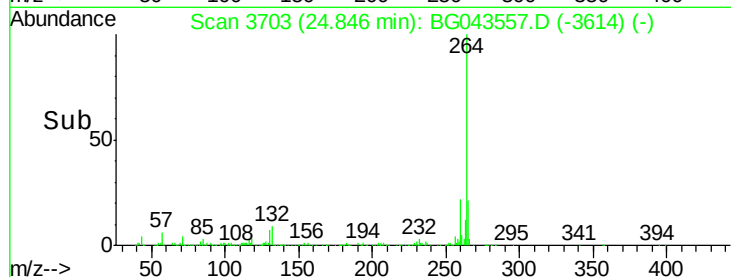
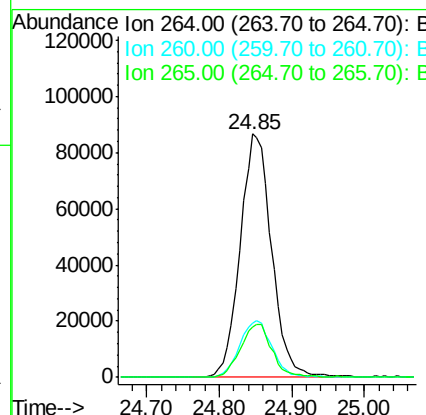
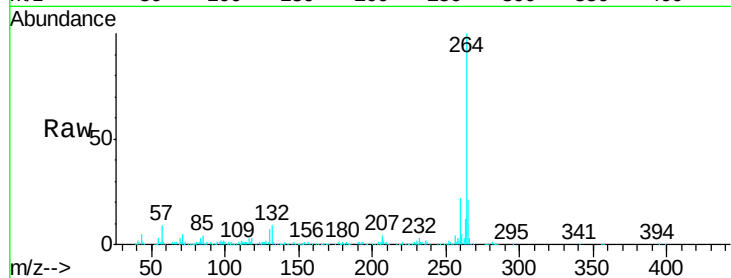




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

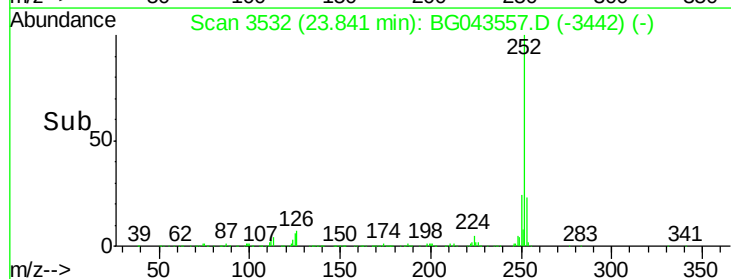
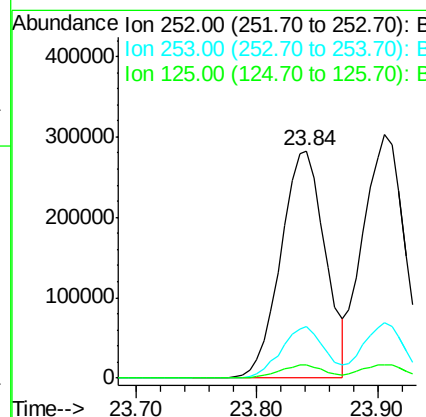
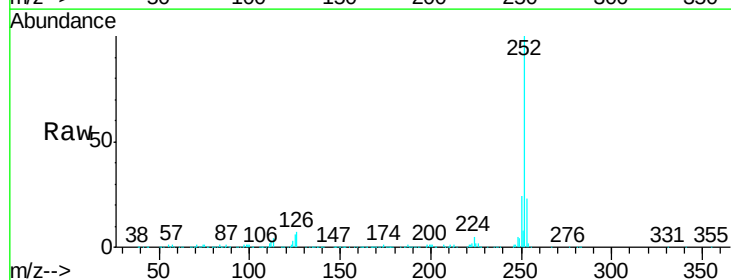
Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

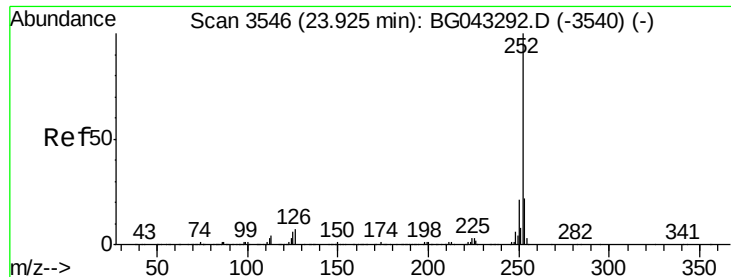
Tgt Ion: 264 Resp: 260729
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.5 26.3
 265 20.9 17.4 26.0



#88
 Benzo(b)fluoranthene
 Concen: 48.672 ng
 RT: 23.84 min Scan# 3532
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion: 252 Resp: 718728
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 6.1 4.5 6.7

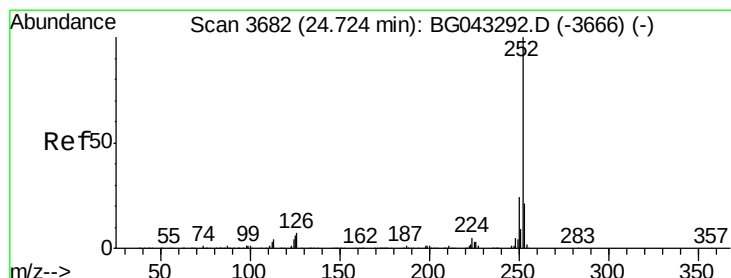
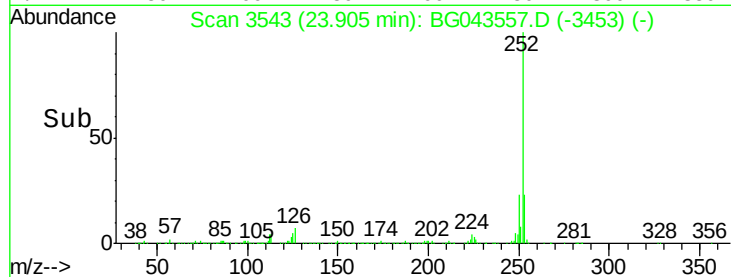
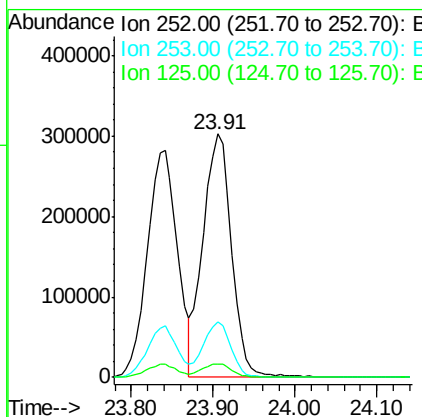
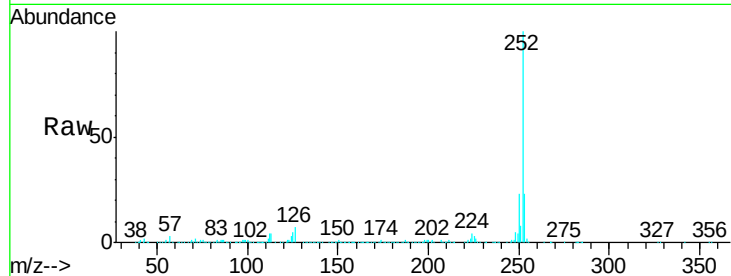




#89
Benzo(k)fluoranthene
Concen: 49.380 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

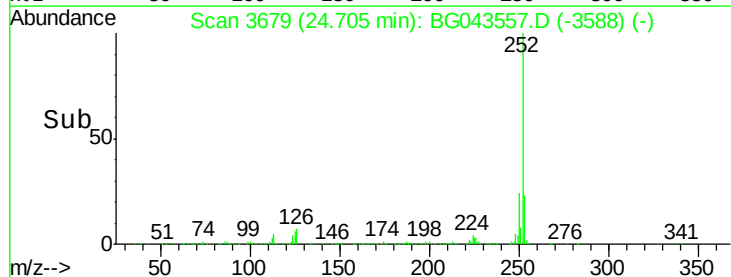
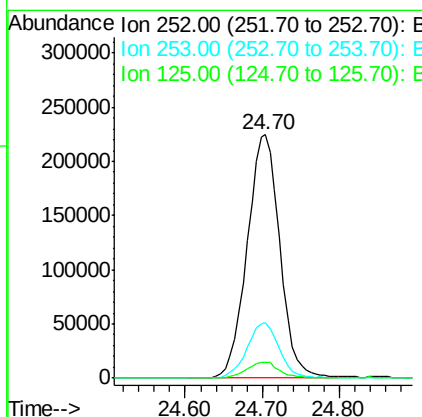
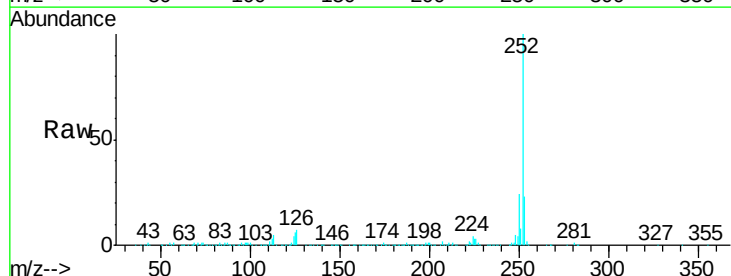
Instrument :
BNA_G
ClientSampleId :
PB124608BS

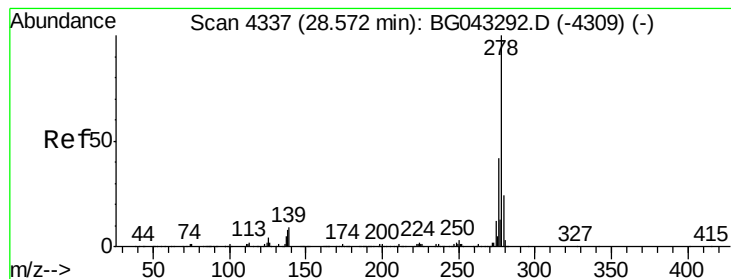
Tgt Ion:252 Resp: 734080
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 5.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 47.261 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:252 Resp: 666435
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 52.059 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB124608BS

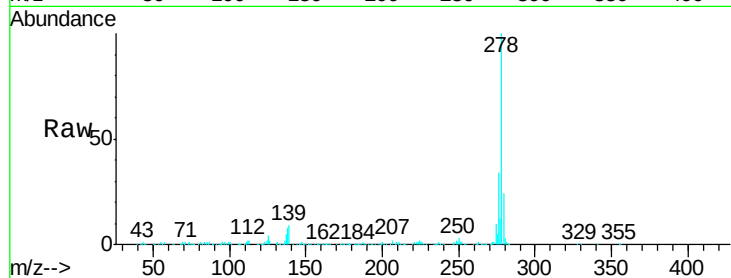
Tgt Ion: 278 Resp: 750874

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

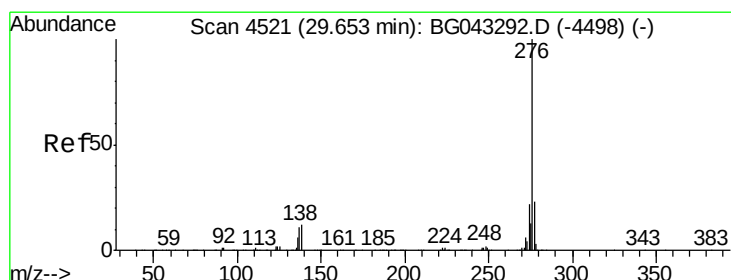
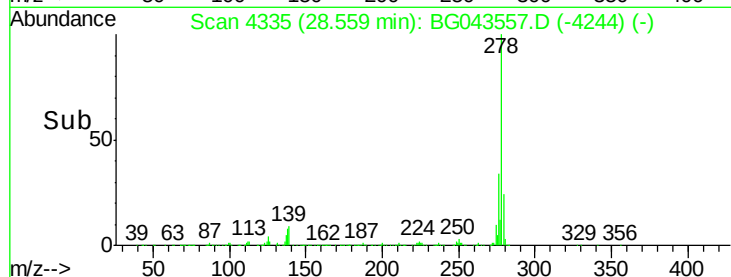
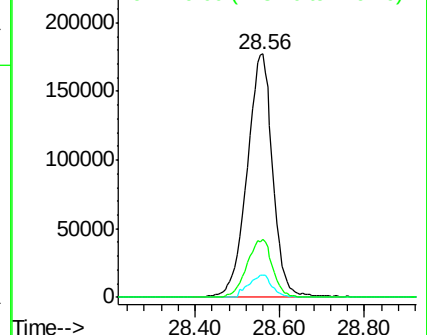
279 23.8 19.1 28.7



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: 51.898 ng

RT: 29.64 min Scan# 4519

Delta R.T. 0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

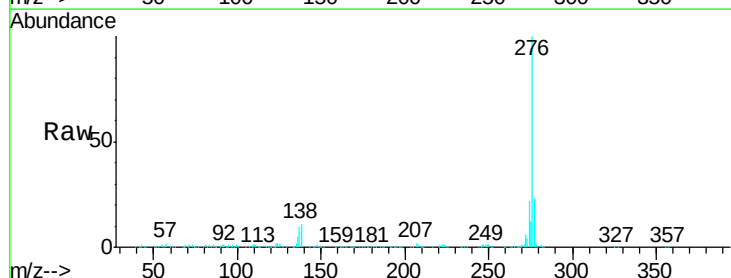
Tgt Ion: 276 Resp: 738367

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 11.5 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

