

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043649.D
 Acq On : 15 Nov 2019 6:59
 Operator : JU
 Sample : PB124801BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Quant Time: Nov 15 08:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	31469	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	121950	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	84182	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	195789	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	206658	20.00	ng	-0.01
87) Perylene-d12	24.82	264	241635	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	141041	82.13	ng	0.00
7) Phenol-d6	7.20	99	120811	48.90	ng	0.00
23) Nitrobenzene-d5	9.16	82	216437	91.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	204579	127.70	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	562851	92.39	ng	-0.01
79) Terphenyl-d14	19.99	244	1077937	97.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	15920	23.789	ng	# 83
3) Pyridine	3.86	79	42250	25.027	ng	90
4) n-Nitrosodimethylamine	3.78	42	25240	29.629	ng	# 78
6) Aniline	7.33	93	48467	17.028	ng	98
8) 2-Chlorophenol	7.58	128	91589	48.313	ng	99
9) Benzaldehyde	7.14	77	55544	45.743	ng	92
10) Phenol	7.22	94	40592	17.978	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	75872	43.464	ng	94
12) 1,3-Dichlorobenzene	7.89	146	83632	35.211	ng	99
13) 1,4-Dichlorobenzene	8.04	146	86805	36.122	ng	100
14) 1,2-Dichlorobenzene	8.35	146	86409	36.827	ng	97
15) Benzyl Alcohol	8.25	79	69131	39.839	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	106567	41.984	ng	98
17) 2-Methylphenol	8.47	107	66213	40.228	ng	96
18) Hexachloroethane	9.08	117	28323	32.667	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	69886	43.772	ng	# 91
20) 3+4-Methylphenols	8.80	107	78079	34.594	ng	# 88
22) Acetophenone	8.82	105	142187	45.529	ng	# 95
24) Nitrobenzene	9.20	77	107611	47.756	ng	# 97
25) Isophorone	9.72	82	196676	45.477	ng	99
26) 2-Nitrophenol	9.92	139	55620	51.127	ng	97
27) 2,4-Dimethylphenol	9.99	122	71645	45.949	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	107992	45.244	ng	99
29) 2,4-Dichlorophenol	10.47	162	100549	50.330	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	98409	39.083	ng	96
31) Naphthalene	10.86	128	275777	44.551	ng	98
32) Benzoic acid	10.14	122	6397	13.409	ng	# 87
33) 4-Chloroaniline	10.98	127	39158	15.432	ng	# 91
34) Hexachlorobutadiene	11.14	225	65148	35.001	ng	97
35) Caprolactam	11.74	113	6064	8.813	ng	# 86
36) 4-Chloro-3-methylphenol	12.11	107	107049	49.123	ng	97
37) 2-Methylnaphthalene	12.46	142	217937	45.886	ng	98
38) 1-Methylnaphthalene	12.68	142	206365	45.665	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	142282	45.670	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	55942	34.183	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	90466	49.308	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	98228	52.957	nq	99
46) 1,1'-Biphenyl	13.46	154	299188	46.718	nq	99
47) 2-Chloronaphthalene	13.51	162	227046	46.596	nq	99
48) 2-Nitroaniline	13.72	65	71088	48.813	nq	95
49) Acenaphthylene	14.35	152	382583	50.448	nq	99
50) Dimethylphthalate	14.09	163	307307	47.130	nq	99
51) 2,6-Dinitrotoluene	14.20	165	70338	49.654	nq	97
52) Acenaphthene	14.69	154	224466	48.536	nq	98
53) 3-Nitroaniline	14.55	138	32201	23.545	nq	98
54) 2,4-Dinitrophenol	14.76	184	40907	49.318	nq	93
55) Dibenzofuran	15.03	168	367014	48.936	nq	99
56) 4-Nitrophenol	14.89	139	35278	38.492	nq	92
57) 2,4-Dinitrotoluene	15.00	165	98529	48.670	nq	97
58) Fluorene	15.68	166	307582	48.898	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	82379	41.802	nq	96
60) Diethylphthalate	15.44	149	305885	46.688	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	176982	48.230	nq	99
62) 4-Nitroaniline	15.71	138	62739	44.419	nq	95
63) Azobenzene	15.96	77	259837	49.004	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	38202	33.155	nq	91
66) n-Nitrosodiphenylamine	15.88	169	271000	49.026	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	123461	46.856	nq	97
68) Hexachlorobenzene	16.69	284	137352	45.413	nq	99
69) Atrazine	16.84	200	115287	60.022	nq	97
70) Pentachlorophenol	17.04	266	101644	73.754	nq	96
71) Phenanthrene	17.42	178	475746	47.452	nq	99
72) Anthracene	17.51	178	496686	49.515	nq	98
73) Carbazole	17.79	167	442454	48.708	nq	97
74) Di-n-butylphthalate	18.33	149	527609	47.869	nq	98
75) Fluoranthene	19.43	202	620780	47.494	nq	98
77) Benzidine	19.61	184	165271	39.738	nq	99
78) Pyrene	19.79	202	628024	49.096	nq	99
80) Butylbenzylphthalate	20.67	149	241725	49.878	nq	98
81) Benzo(a)anthracene	21.63	228	661588	51.108	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	190206	37.989	nq	98
83) Chrysene	21.69	228	642245	49.934	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	353993	51.420	nq	99
85) Di-n-octyl phthalate	22.71	149	610423	52.264	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	823899	51.032	nq	# 97
88) Benzo(b)fluoranthene	23.82	252	701439	51.254	nq	99
89) Benzo(k)fluoranthene	23.88	252	691490	50.191	nq	98
90) Benzo(a)pyrene	24.67	252	640389	49.002	nq	99
91) Dibenzo(a,h)anthracene	28.52	278	709597	53.085	nq	99
92) Benzo(g,h,i)perylene	29.60	276	682327	51.748	nq	98

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

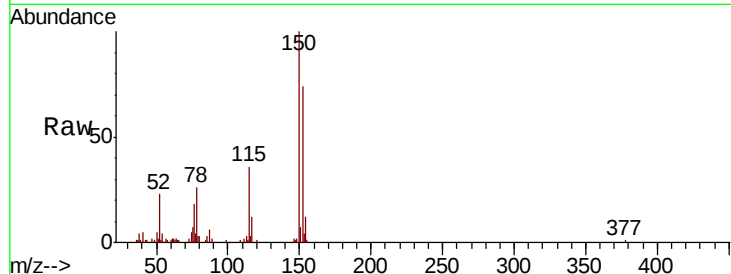


#1

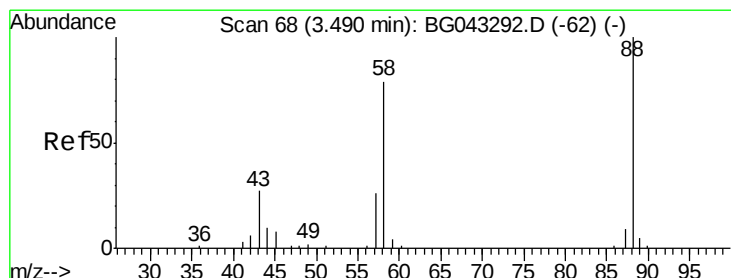
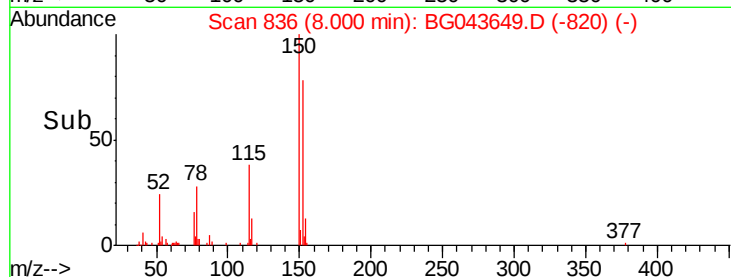
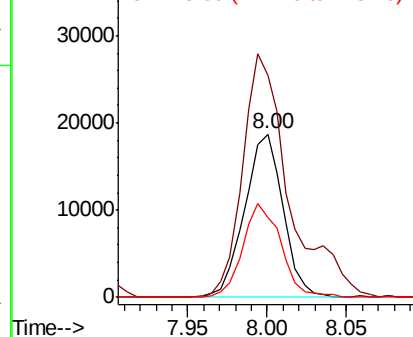
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:152 Resp: 31469
Ion Ratio Lower Upper
152 100
150 136.0 129.4 194.0
115 48.7 48.8 73.2#



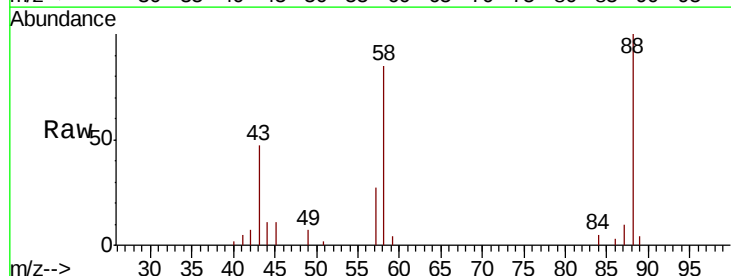
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



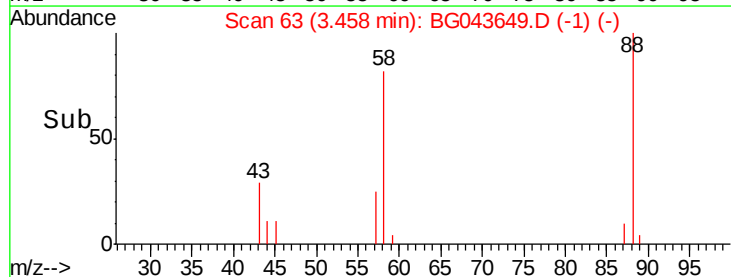
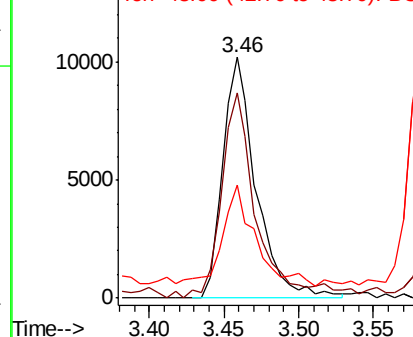
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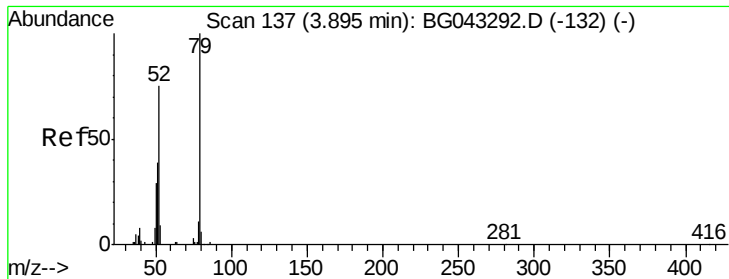
1,4-Dioxane
Concen: 23.789 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion: 88 Resp: 15920
Ion Ratio Lower Upper
88 100
58 90.8 62.7 94.1
43 42.4 23.7 35.5#



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





#3

Pvridine

Concen: 25.027 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

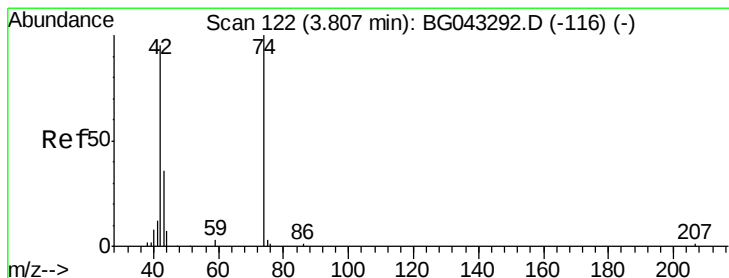
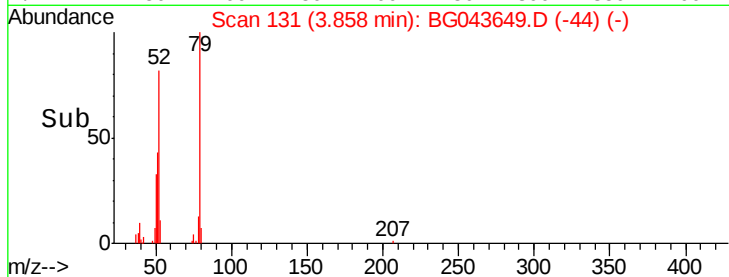
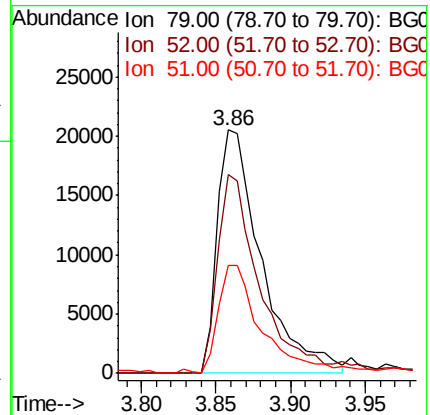
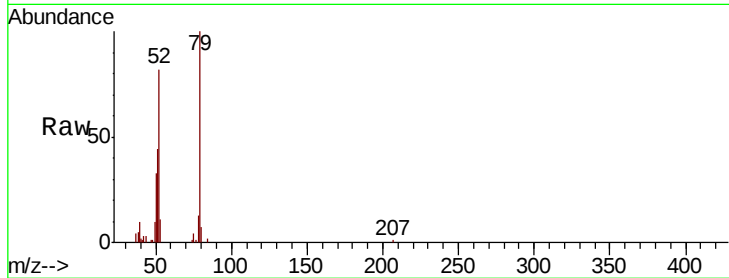
Tot Ion: 79 Resp: 42250

Ion Ratio Lower Upper

79 100

52 81.7 56.5 84.7

51 44.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 29.629 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

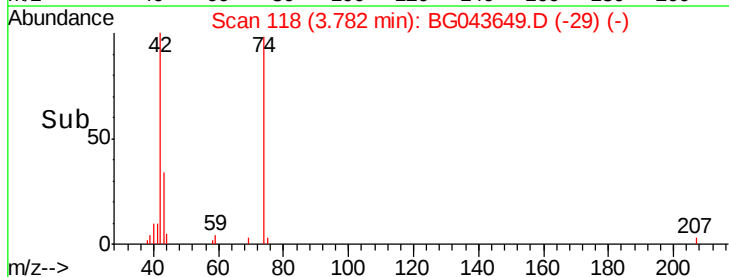
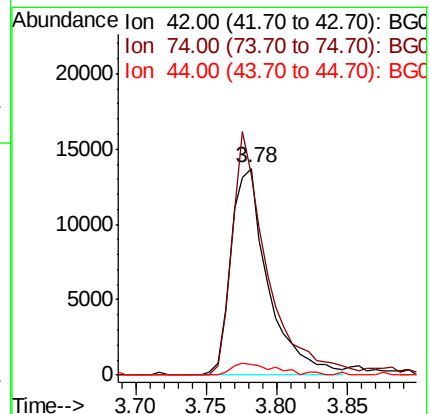
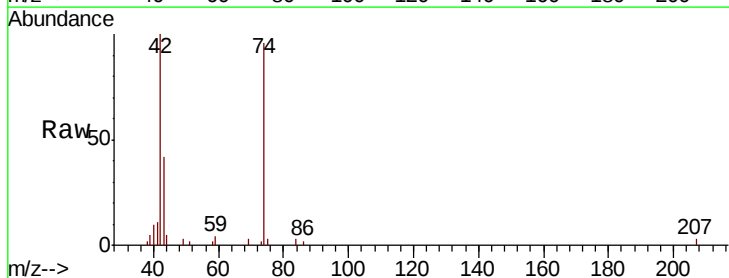
Tgt Ion: 42 Resp: 25240

Ion Ratio Lower Upper

42 100

74 96.4 97.3 145.9#

44 4.8 4.4 6.6





#5

2-Fluorophenol

Concen: 82.129 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

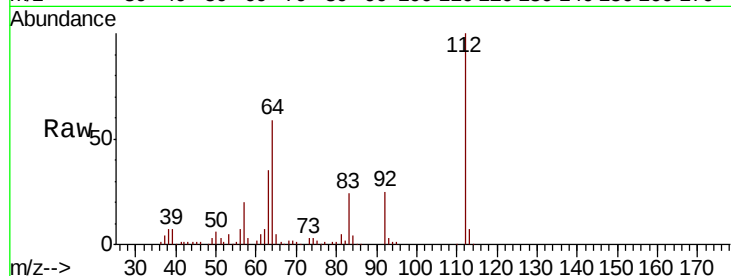
Tot Ion:112 Resp: 141041

Ion Ratio Lower Upper

112 100

64 58.9 50.0 75.0

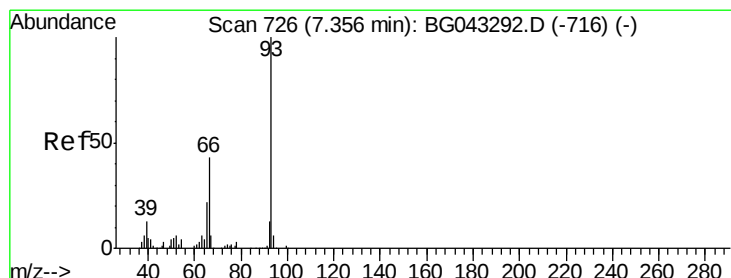
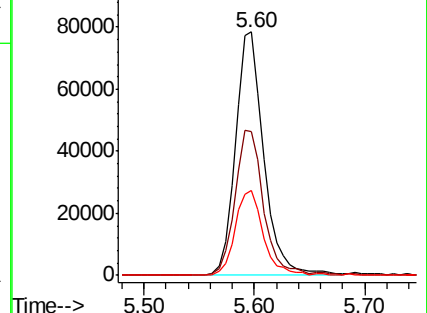
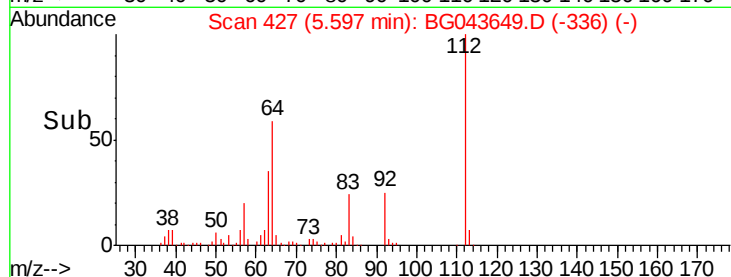
63 35.1 26.6 40.0



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: 17.028 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

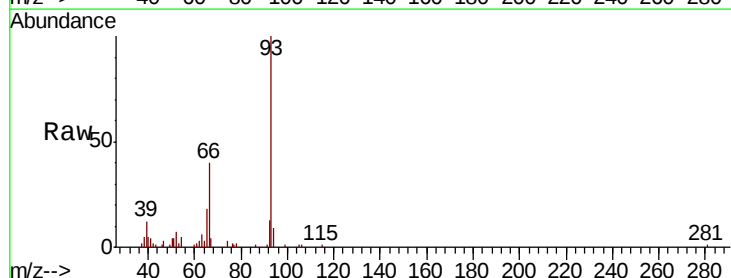
Tgt Ion: 93 Resp: 48467

Ion Ratio Lower Upper

93 100

66 39.7 32.3 48.5

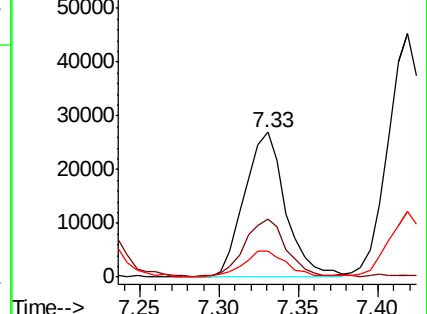
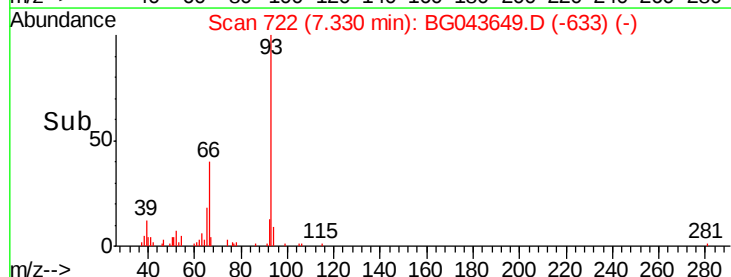
65 17.8 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 48.895 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

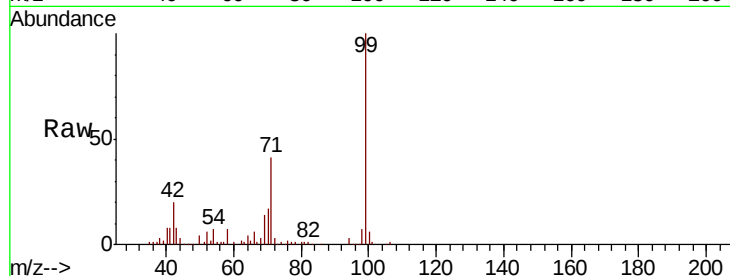
Tot Ion: 99 Resp: 120811

Ion Ratio Lower Upper

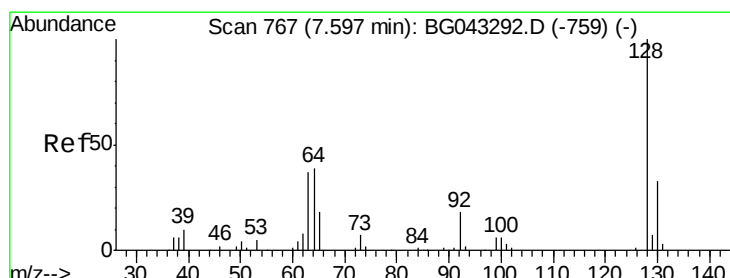
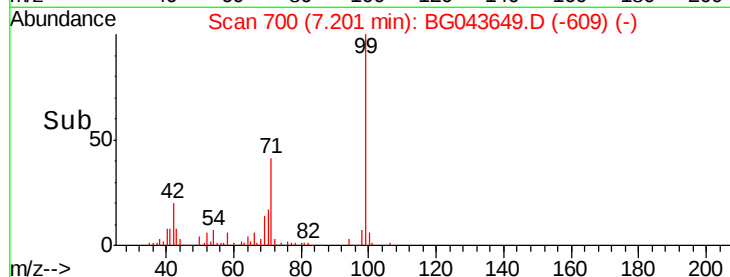
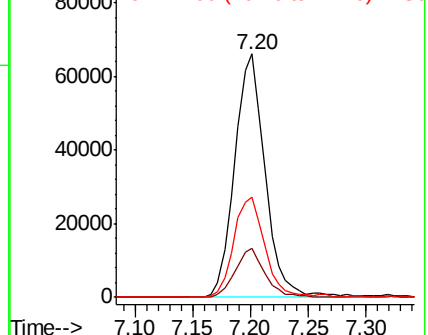
99 100

42 20.0 14.6 21.8

71 41.0 32.5 48.7



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



#8

2-Chlorophenol

Concen: 48.313 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

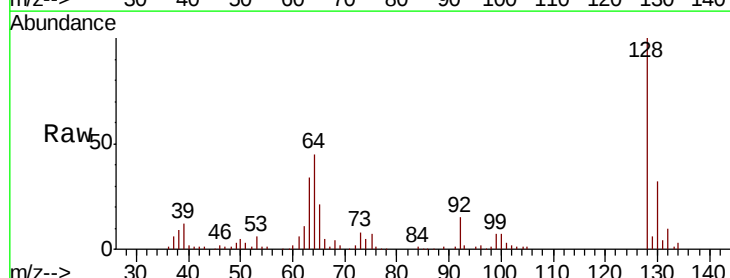
Tgt Ion: 128 Resp: 91589

Ion Ratio Lower Upper

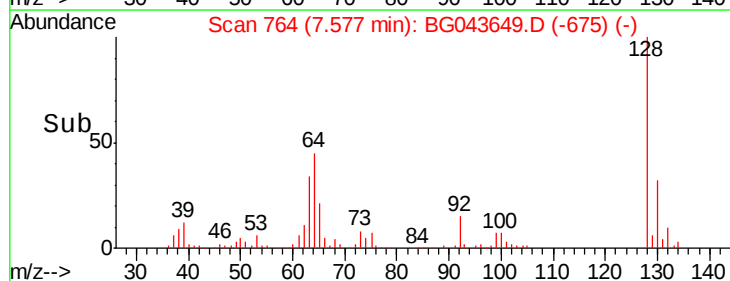
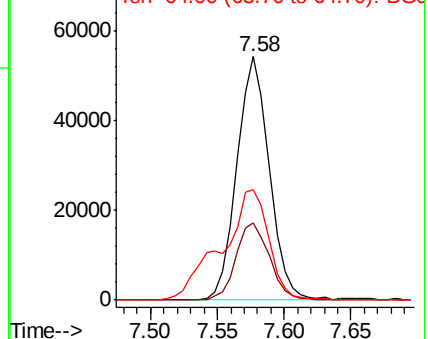
128 100

130 31.8 12.5 52.5

64 45.2 25.3 65.3



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





#9

Benzaldehyde

Concen: 45.743 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

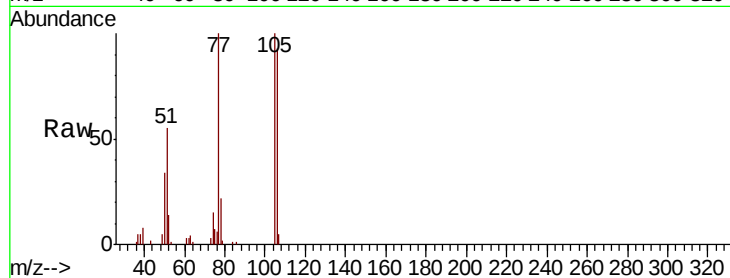
Tot Ion: 77 Resp: 55544

Ion Ratio Lower Upper

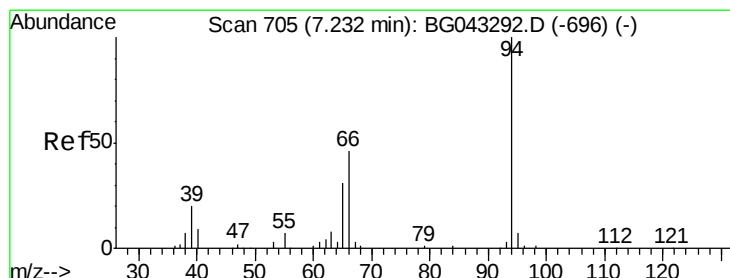
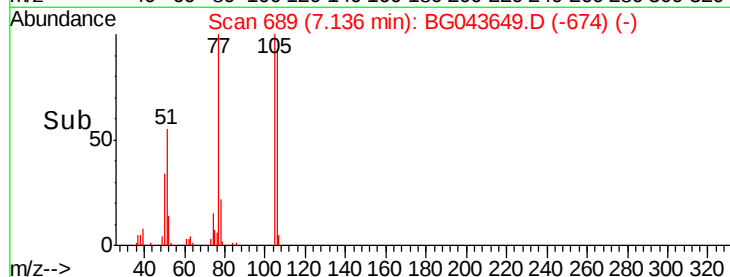
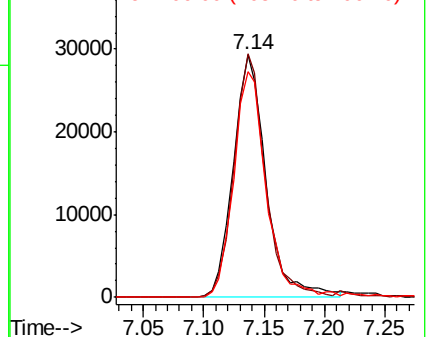
77 100

105 100.2 68.6 108.6

106 92.9 69.9 109.9



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



#10

Phenol

Concen: 17.978 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

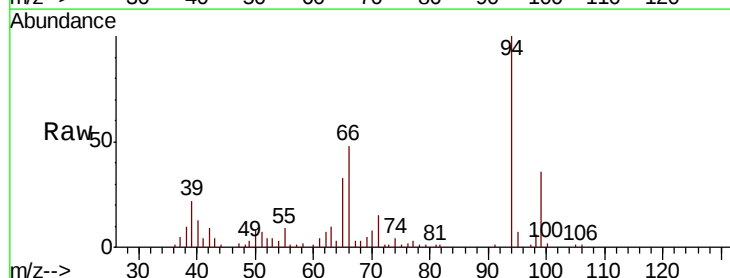
Tgt Ion: 94 Resp: 40592

Ion Ratio Lower Upper

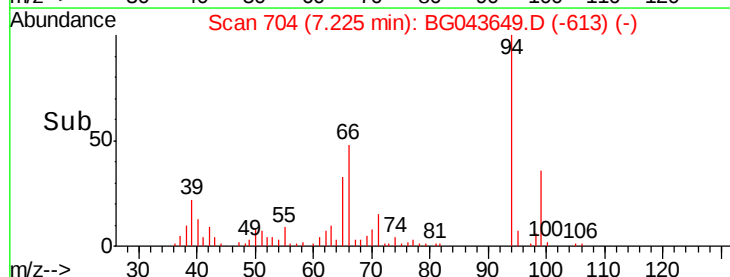
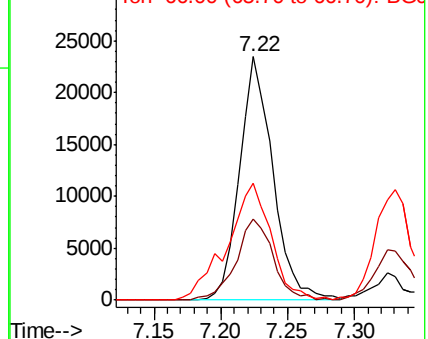
94 100

65 33.3 12.6 52.6

66 48.0 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

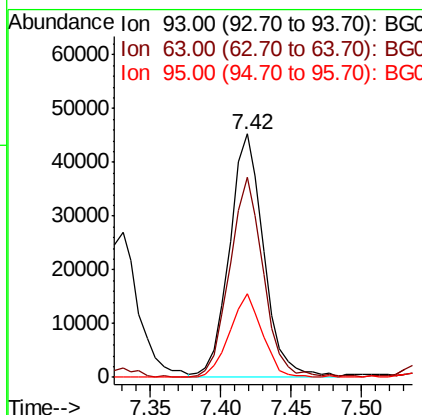
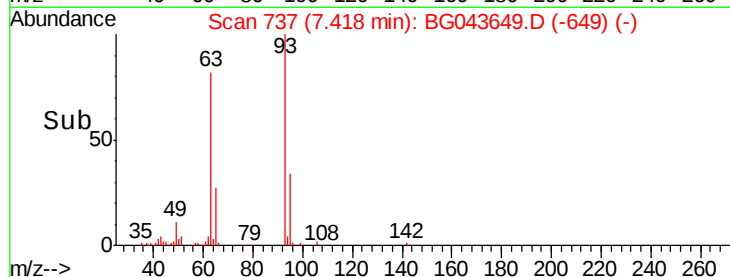
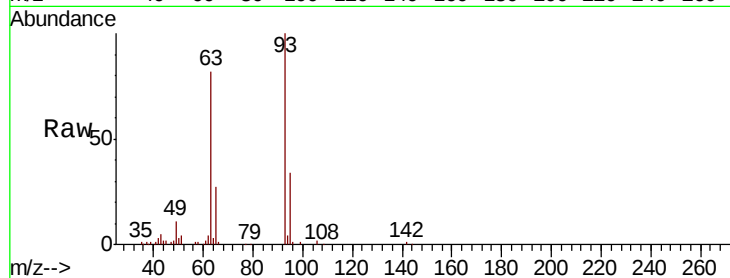




#11
bis(2-Chloroethyl)ether
Concen: 43.464 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

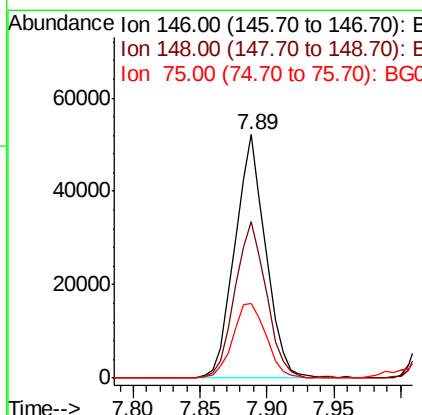
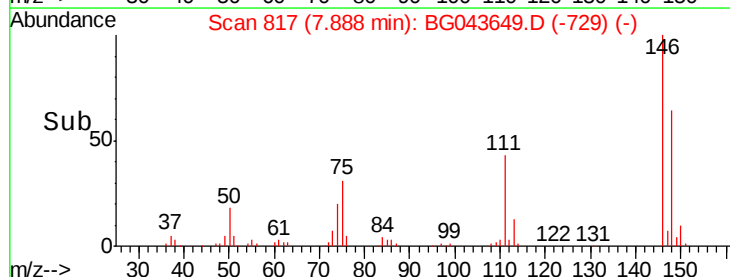
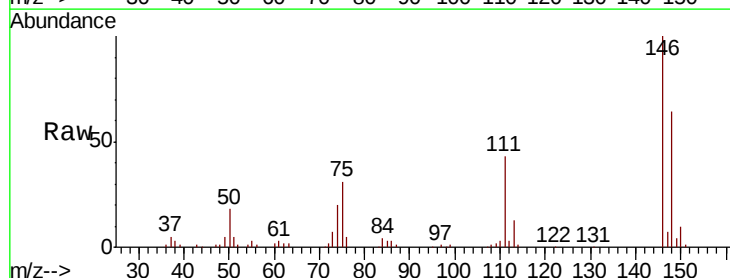
Instrument :
BNA_G
ClientSampleId :
PB124801BS

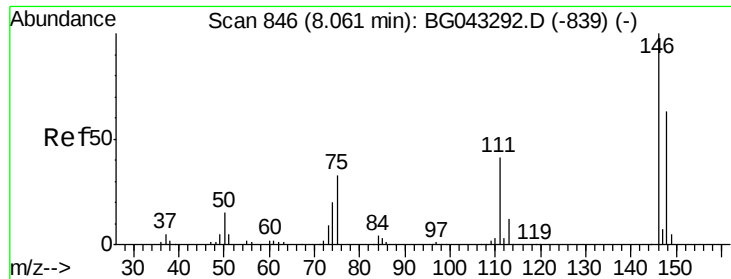
Tot Ion: 93 Resp: 75872
Ion Ratio Lower Upper
93 100
63 82.0 56.3 96.3
95 34.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 35.211 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion: 146 Resp: 83632
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
75 30.8 24.6 37.0

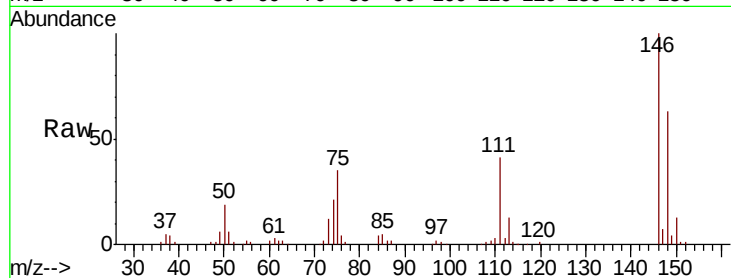




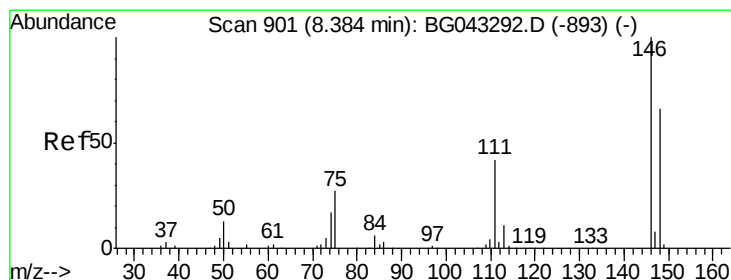
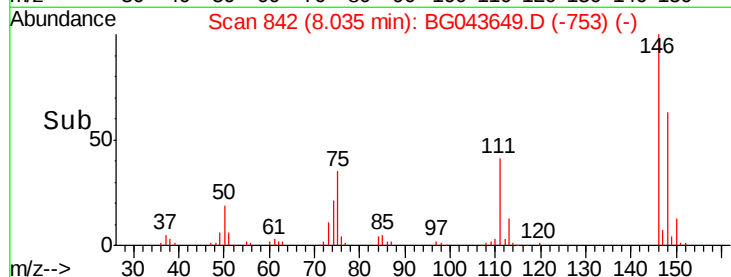
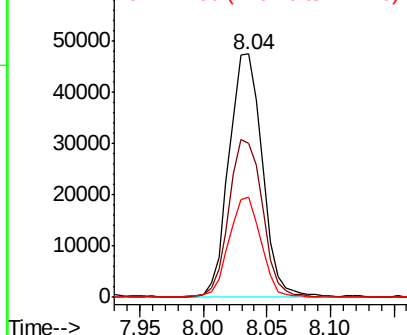
#13
 1,4-Dichlorobenzene
 Concen: 36.122 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:146 Resp: 86805
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.7 76.1
 111 41.3 33.4 50.2

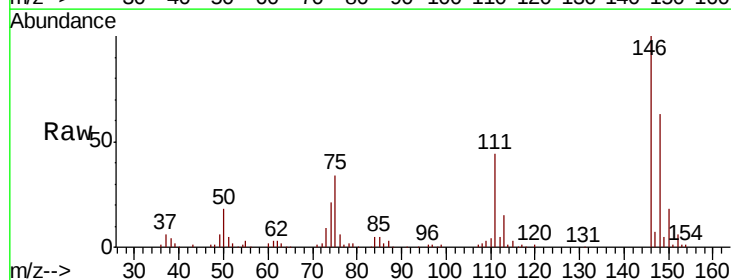


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

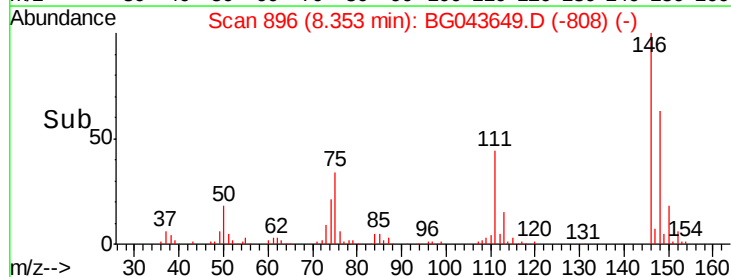
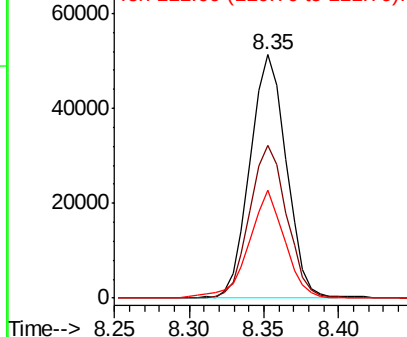


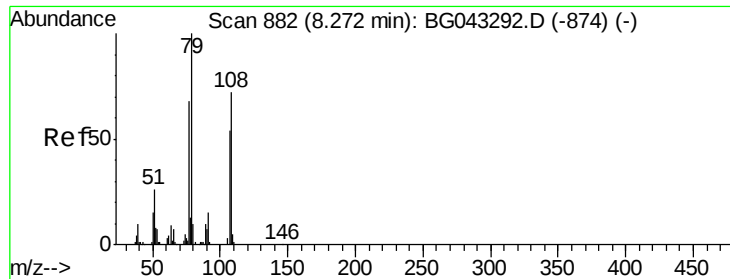
#14
 1,2-Dichlorobenzene
 Concen: 36.827 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion:146 Resp: 86409
 Ion Ratio Lower Upper
 146 100
 148 62.7 53.2 79.8
 111 44.1 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 39.839 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

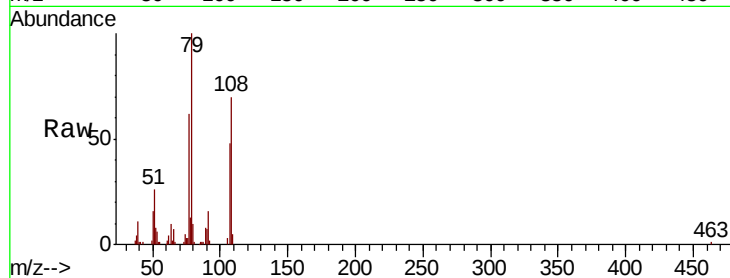
Tot Ion: 79 Resp: 69131

Ion Ratio Lower Upper

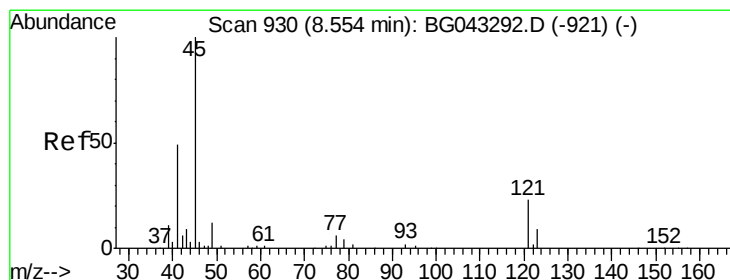
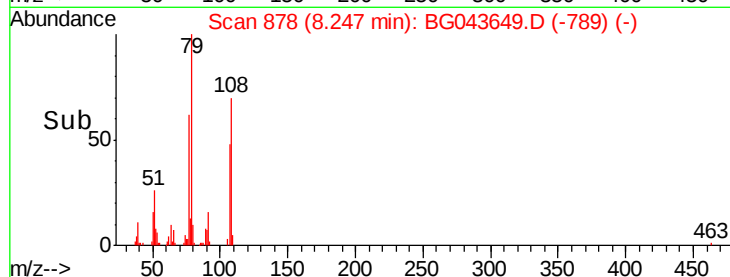
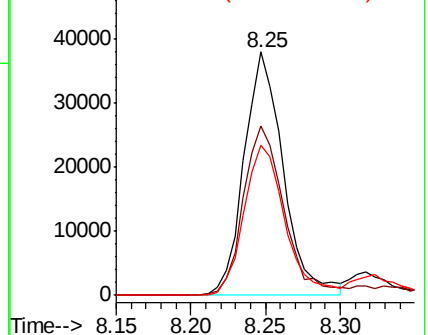
79 100

108 69.7 53.6 80.4

77 61.8 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.984 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

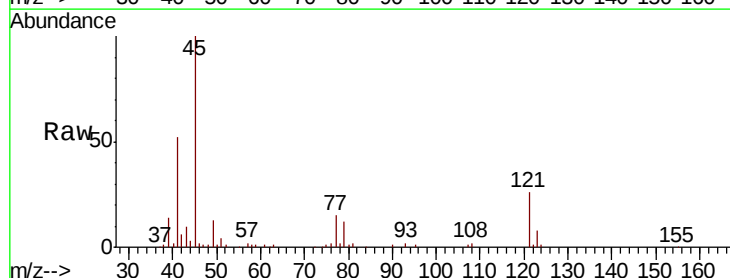
Tgt Ion: 45 Resp: 106567

Ion Ratio Lower Upper

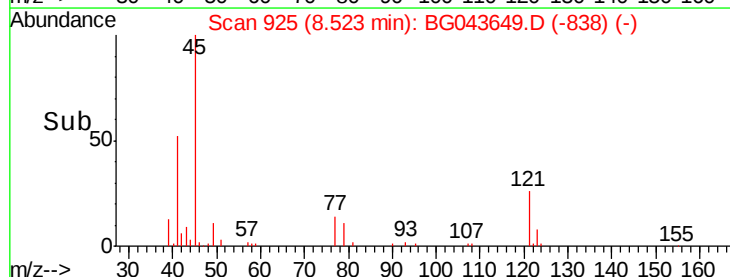
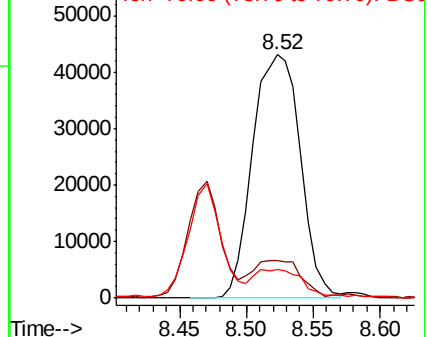
45 100

77 15.3 0.0 34.9

79 11.7 0.0 33.0



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





#17

2-Methylphenol

Concen: 40.228 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion:107 Resp: 66213

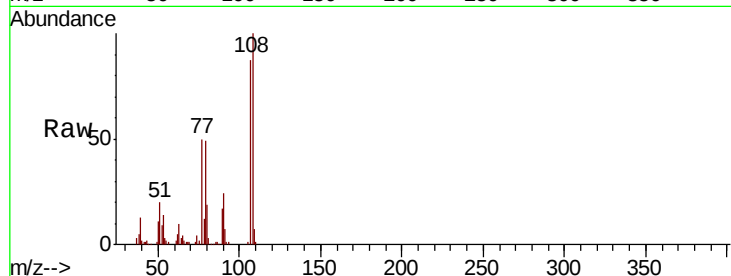
Ion Ratio Lower Upper

107 100

108 114.5 90.2 135.4

77 57.2 40.2 60.2

79 56.0 44.0 66.0

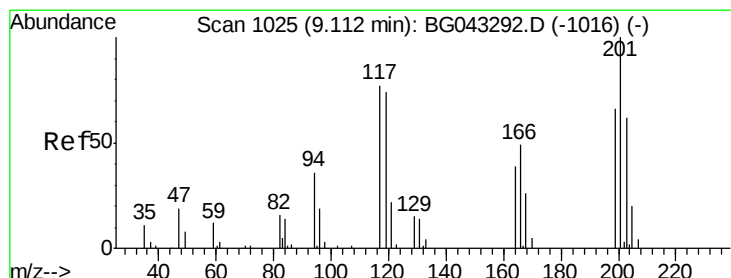
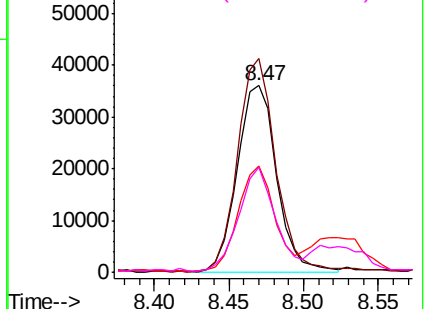
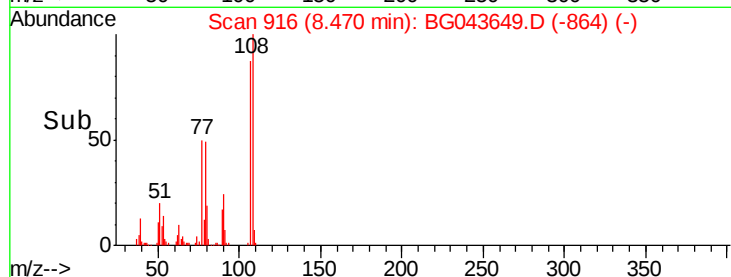


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.667 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

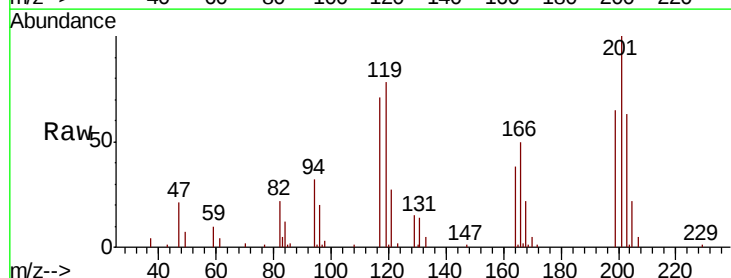
Tgt Ion:117 Resp: 28323

Ion Ratio Lower Upper

117 100

119 110.2 79.0 118.4

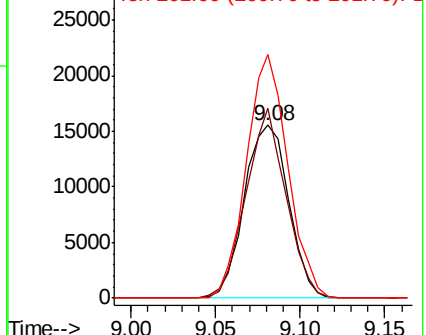
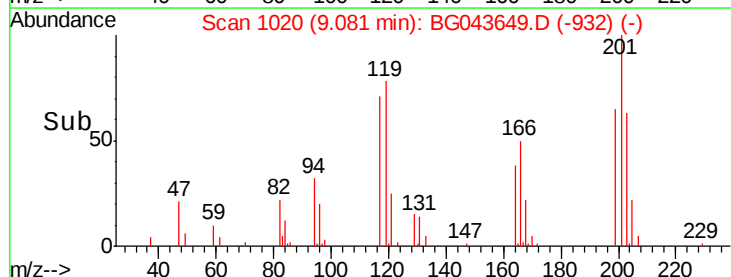
201 140.9 105.4 158.2

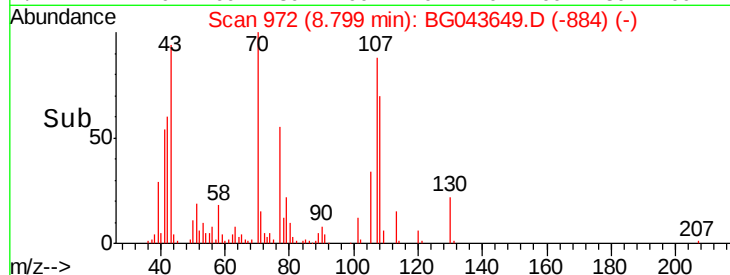
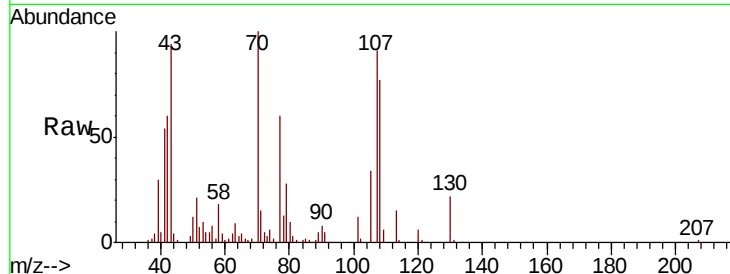
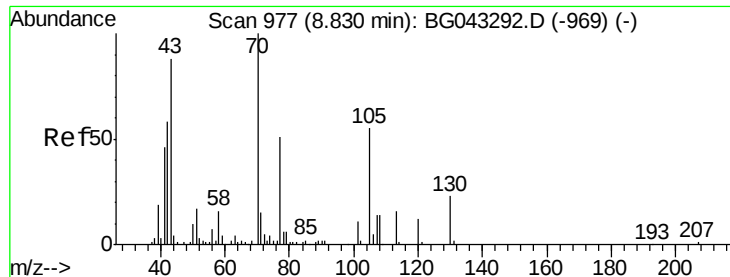


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

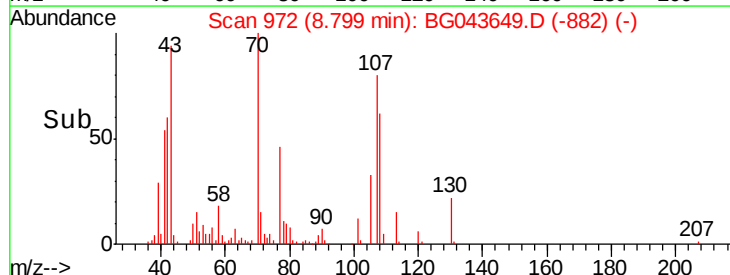
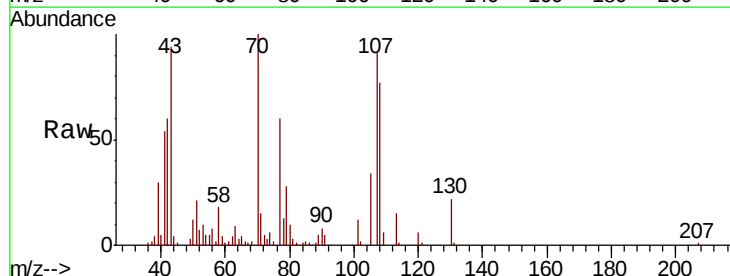
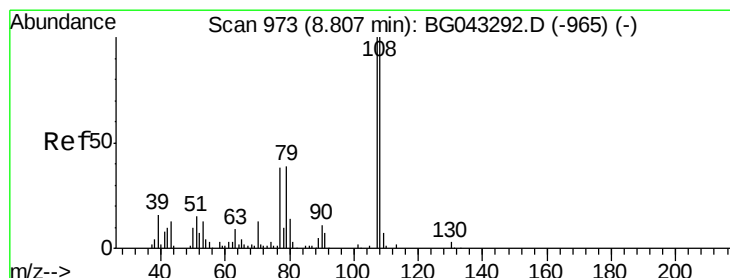
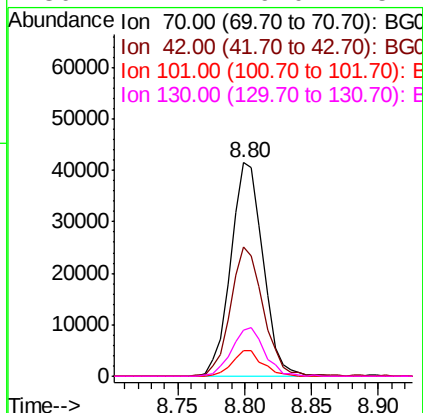




#19
n-Nitroso-di-n-propylamine
Concen: 43.772 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

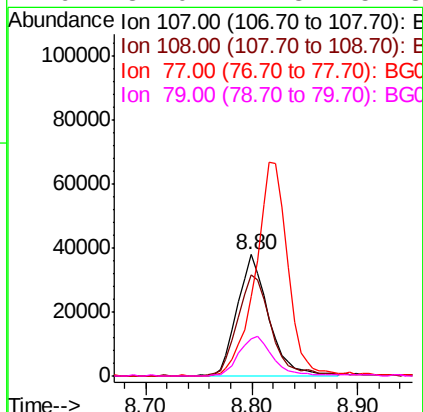
Instrument :
BNA_G
ClientSampleId :
PB124801BS

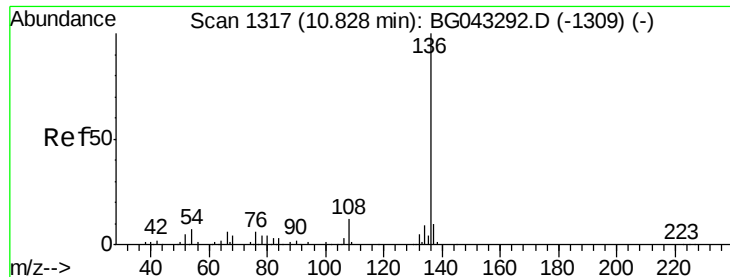
Tot Ion:	70	Resp:	69886
Ion	Ratio	Lower	Upper
70	100		
42	60.3	41.4	62.2
101	12.1	7.9	11.9#
130	21.7	19.0	28.4



#20
3+4-Methylphenols
Concen: 34.594 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:	107	Resp:	78079
Ion	Ratio	Lower	Upper
107	100		
108	83.9	66.6	106.6
77	65.2	20.9	60.9#
79	31.0	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion:136 Resp: 121950

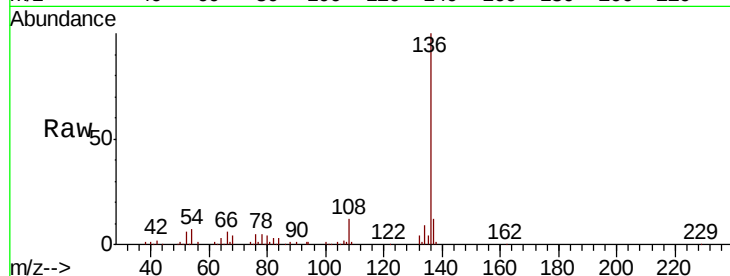
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 6.7 5.4 8.2

68 3.6 3.0 4.4

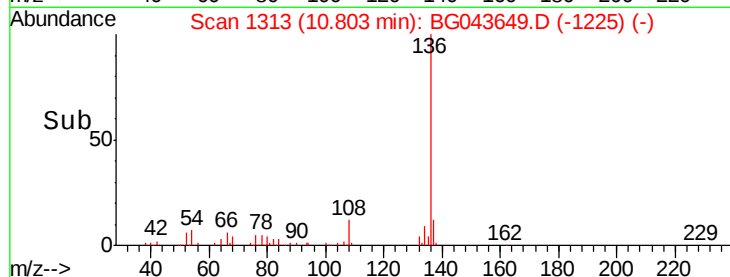


Abundance Ion 136.00 (135.70 to 136.70): E

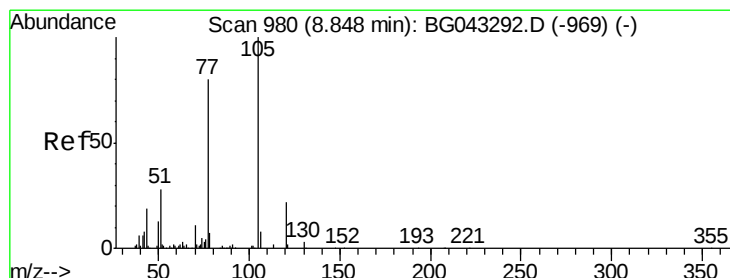
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.70 10.80 10.90



#22

Acetophenone

Concen: 45.529 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Tgt Ion:105 Resp: 142187

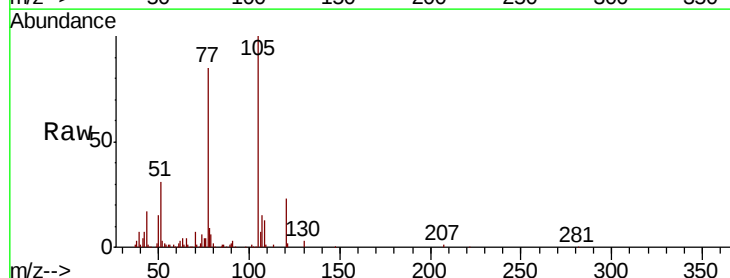
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 31.0 21.0 31.4

120 22.7 18.0 27.0

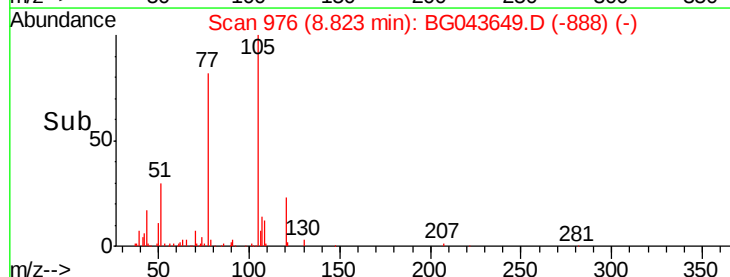


Abundance Ion 105.00 (104.70 to 105.70): E

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



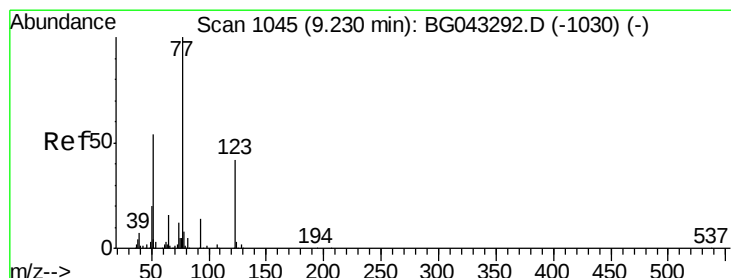
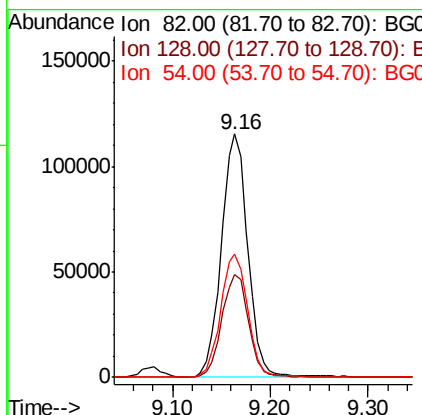
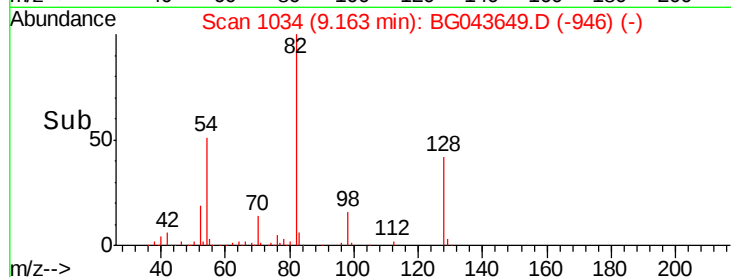
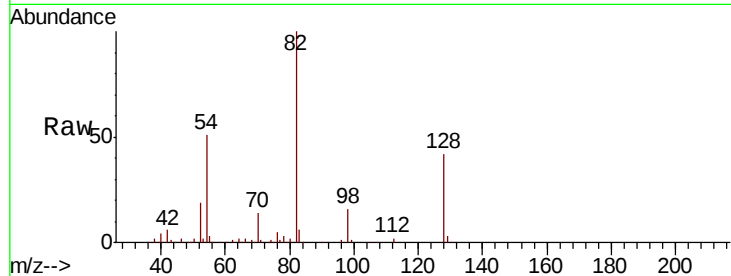
Time--> 8.70 8.80 8.90



#23
Nitrobenzene-d5
Concen: 91.499 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

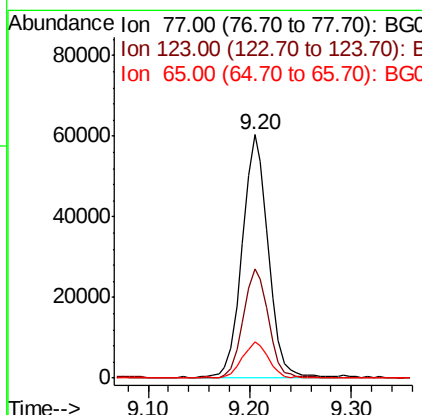
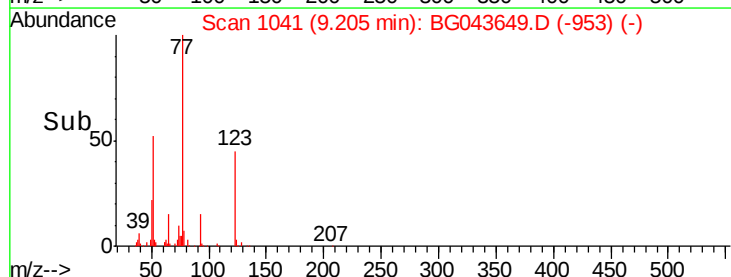
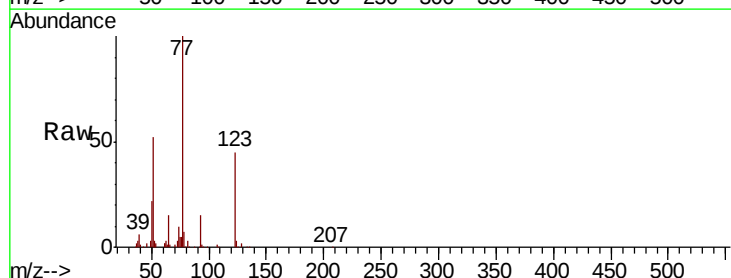
Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	82	Resp	216437
Ion Ratio	100	Lower	Upper
128	42.1	35.0	52.6
54	50.5	40.2	60.2



#24
Nitrobenzene
Concen: 47.756 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	77	Resp	107611
Ion Ratio	100	Lower	Upper
123	44.9	35.0	52.6
65	14.7	9.5	14.3#





#25

Isophorone

Concen: 45.477 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

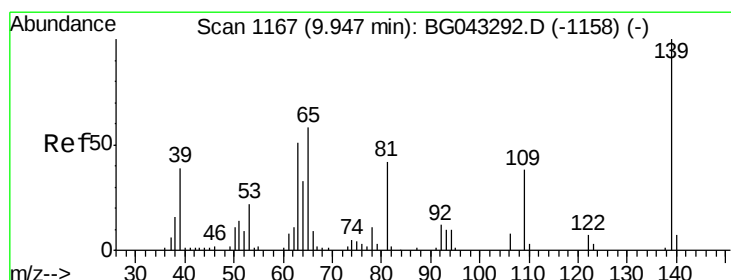
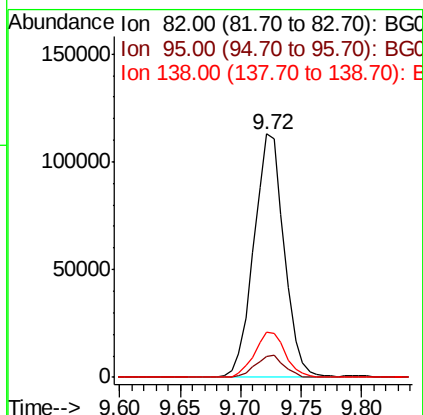
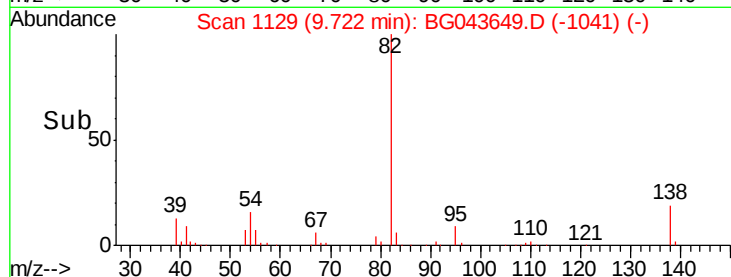
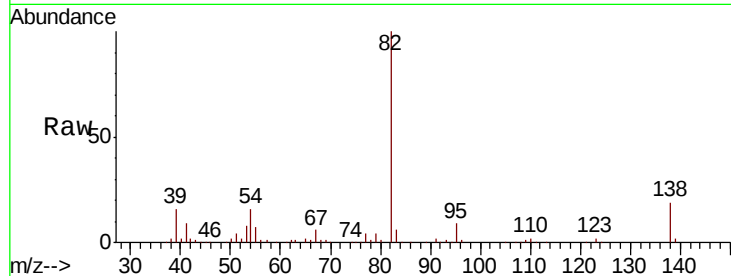
Tot Ion: 82 Resp: 196676

Ion Ratio Lower Upper

82 100

95 8.7 6.6 9.8

138 18.6 15.2 22.8



#26

2-Nitrophenol

Concen: 51.127 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

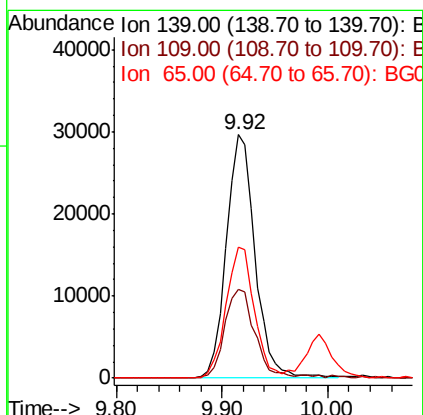
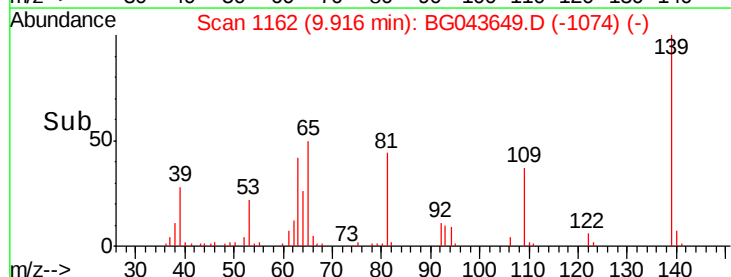
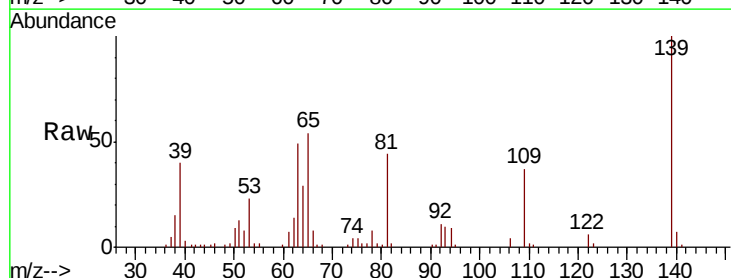
Tgt Ion: 139 Resp: 55620

Ion Ratio Lower Upper

139 100

109 36.6 26.5 39.7

65 53.6 43.8 65.8

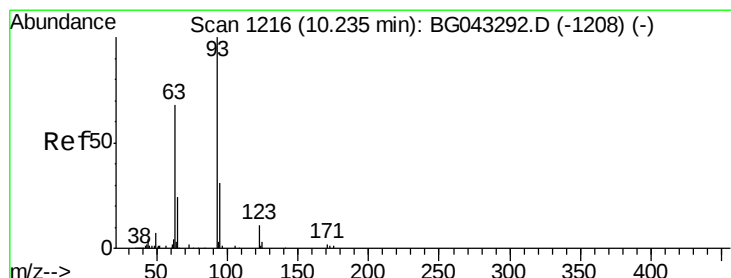
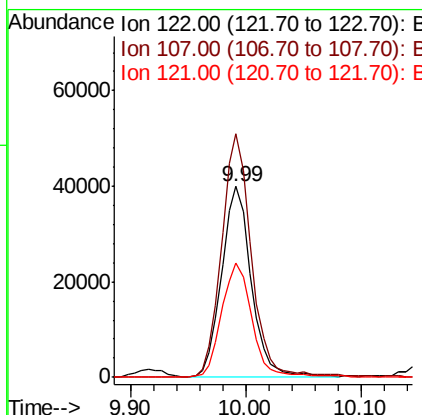
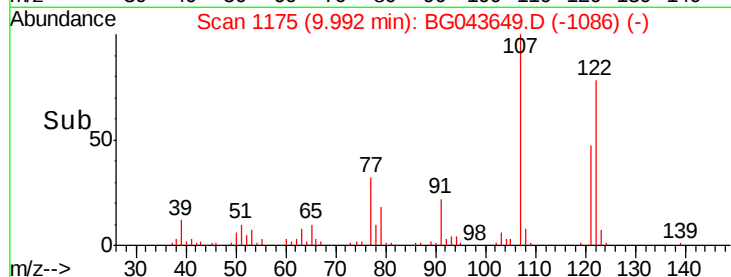
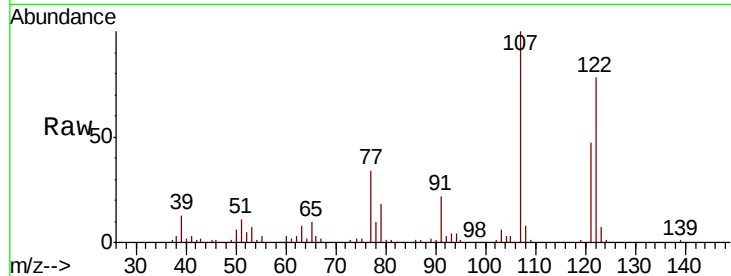




#27
 2,4-Dimethylphenol
 Concen: 45.949 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

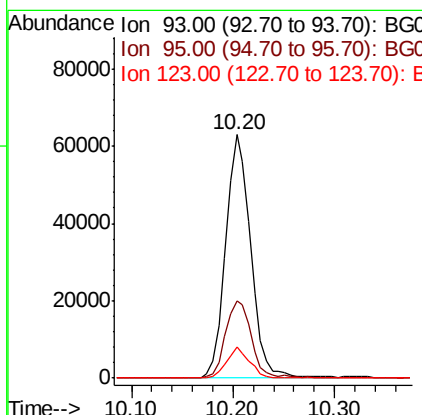
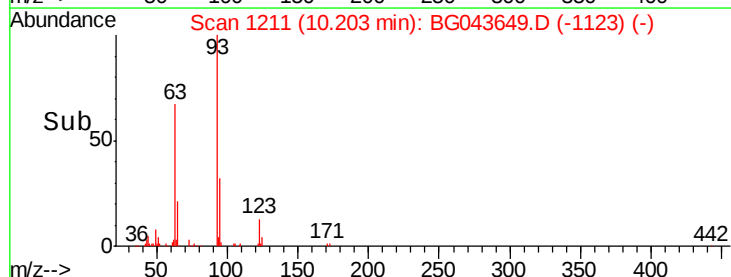
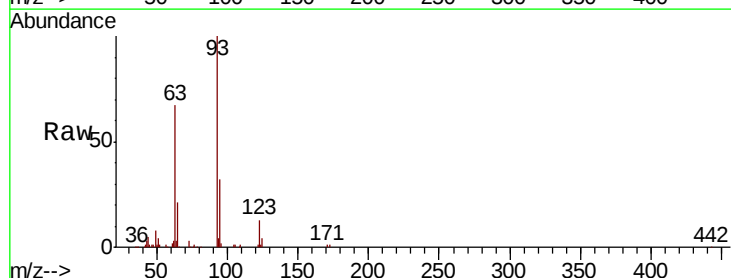
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:122 Resp: 71645
 Ion Ratio Lower Upper
 122 100
 107 127.4 104.4 156.6
 121 60.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.244 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion: 93 Resp: 107992
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.0 39.0
 123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 50.330 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

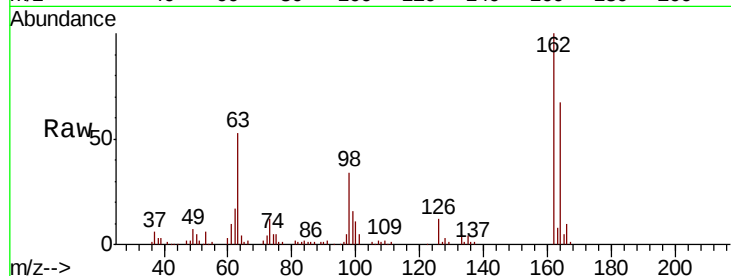
Tot Ion:162 Resp: 100549

Ion Ratio Lower Upper

162 100

164 67.2 48.9 88.9

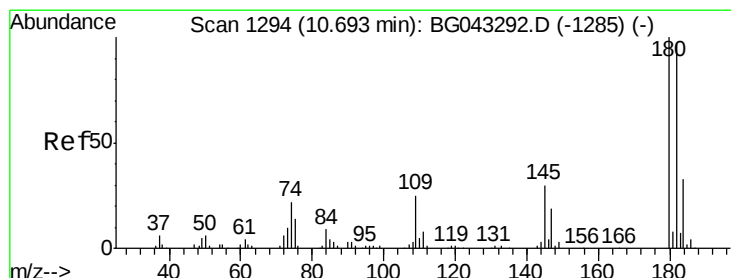
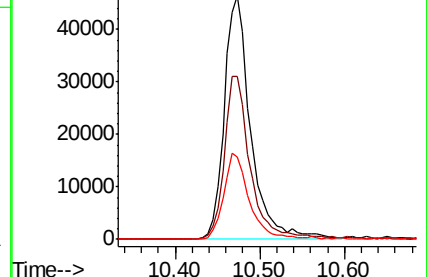
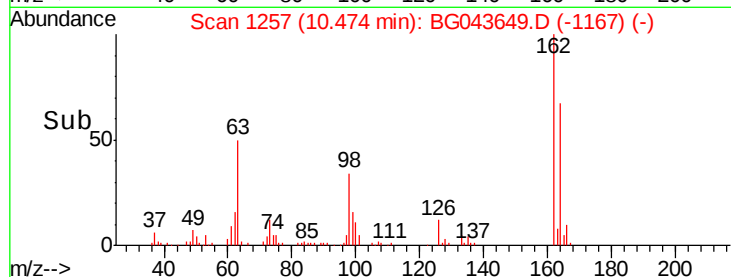
98 33.7 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.083 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

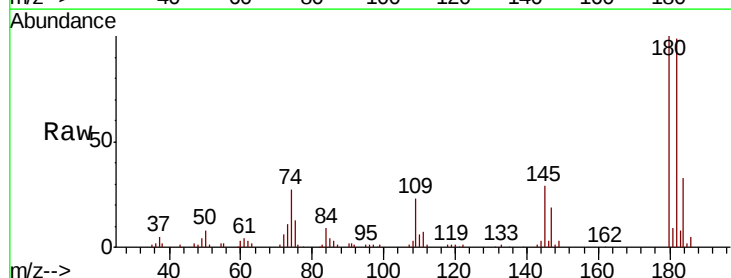
Tgt Ion:180 Resp: 98409

Ion Ratio Lower Upper

180 100

182 98.9 75.1 112.7

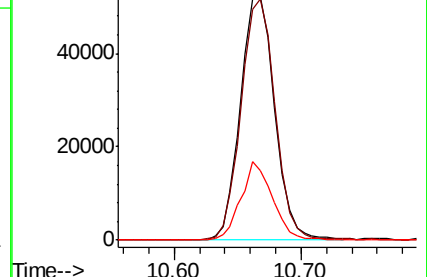
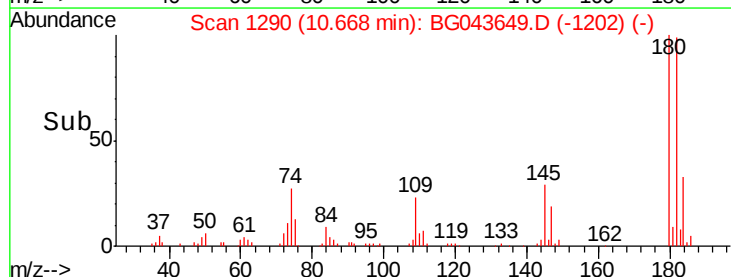
145 28.8 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

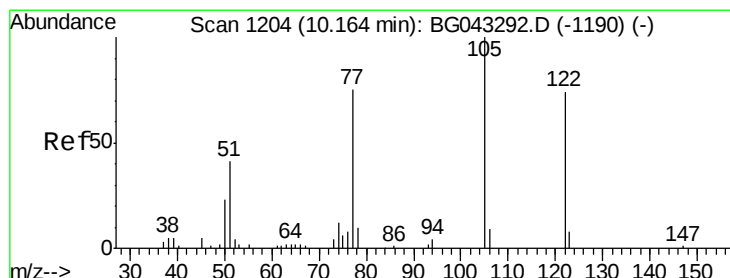
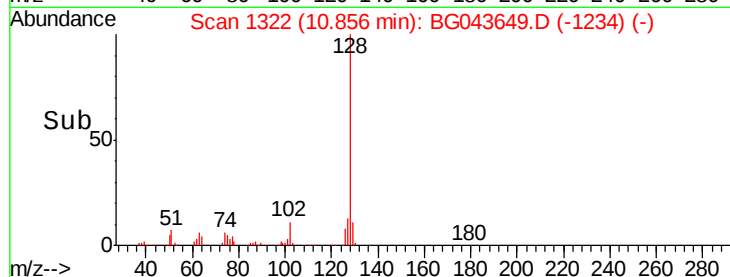
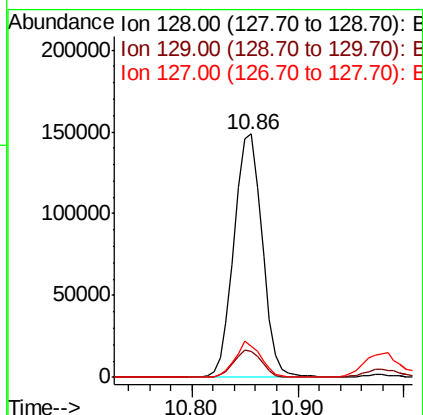
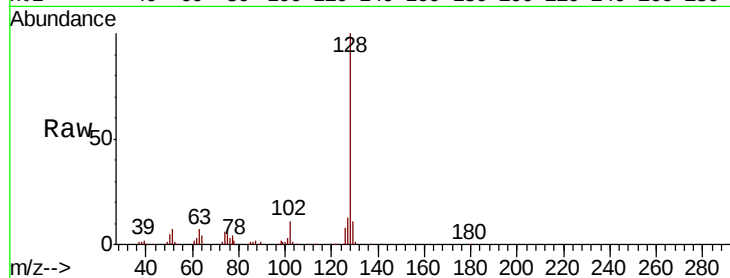




#31
Naphthalene
Concen: 44.551 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

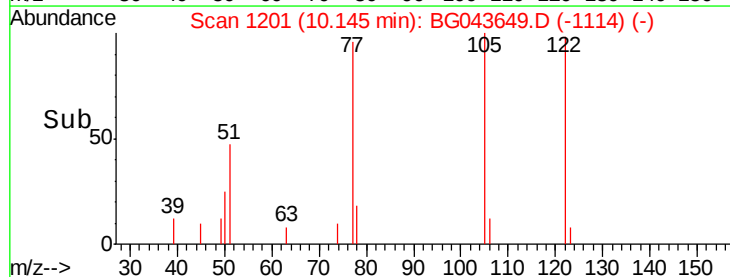
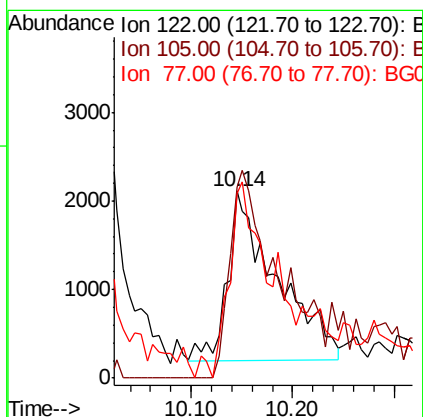
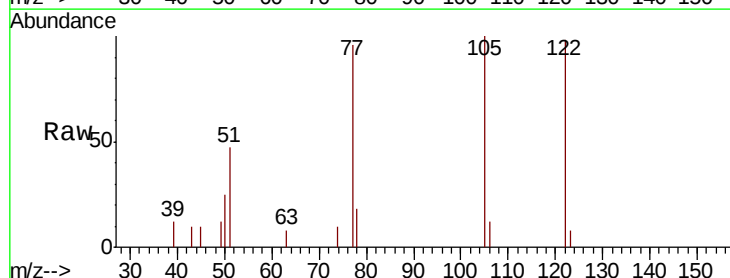
Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:128 Resp: 275777
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 13.409 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:122 Resp: 6397
Ion Ratio Lower Upper
122 100
105 102.4 103.3 143.3#
77 98.8 84.9 124.9

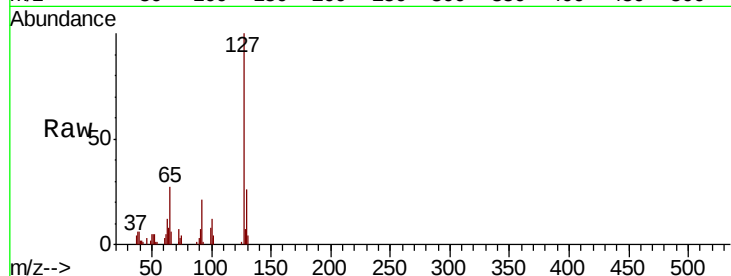




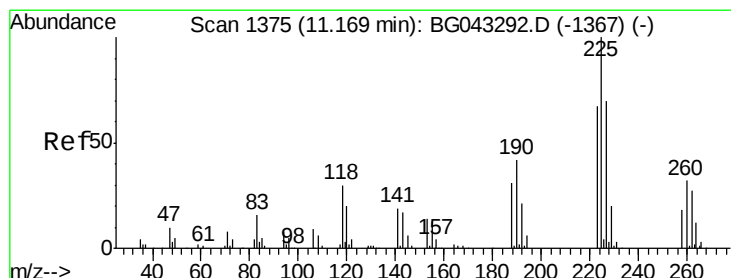
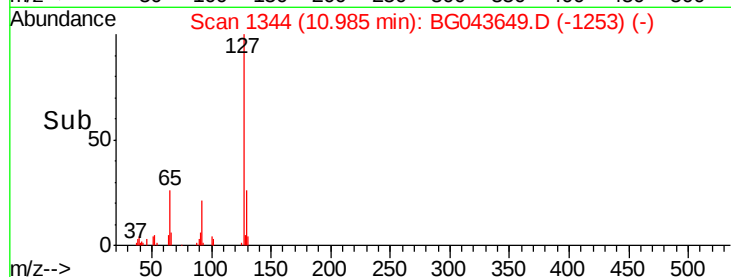
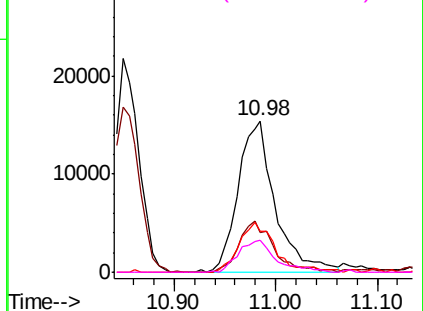
#33
4-Chloroaniline
Concen: 15.432 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:127	Resp:	39158
Ion Ratio	Lower	Upper
127	100	
129	26.0	26.5 39.7#
65	26.6	26.4 39.6
92	20.8	16.2 24.2

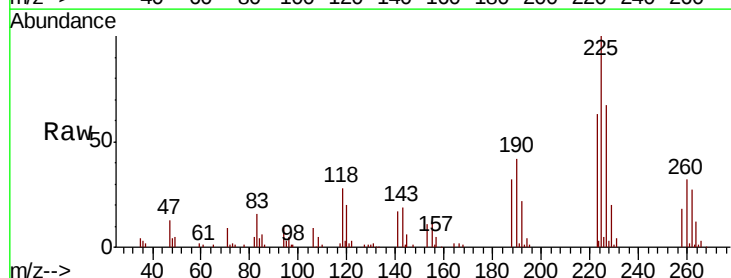


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

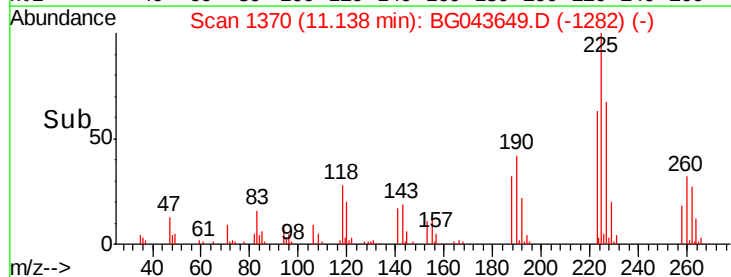
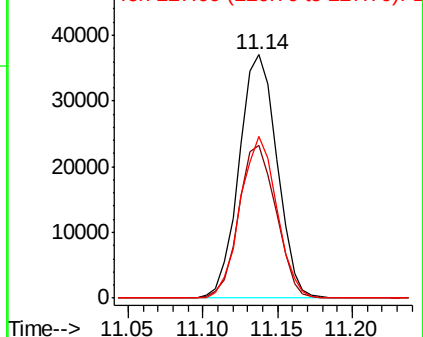


#34
Hexachlorobutadiene
Concen: 35.001 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:225	Resp:	65148
Ion Ratio	Lower	Upper
225	100	
223	62.7	52.7 79.1
227	66.7	54.8 82.2



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

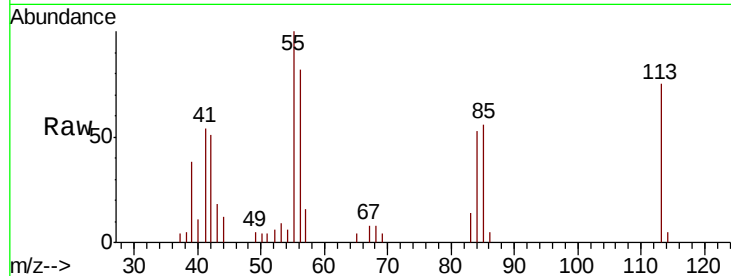




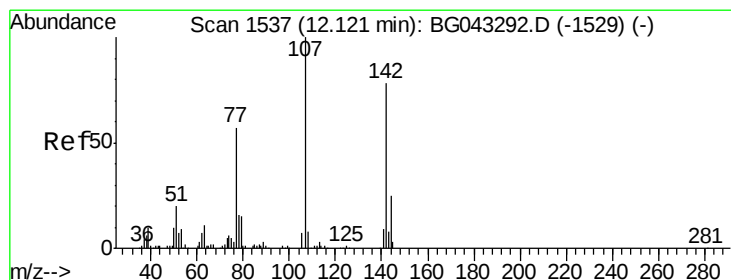
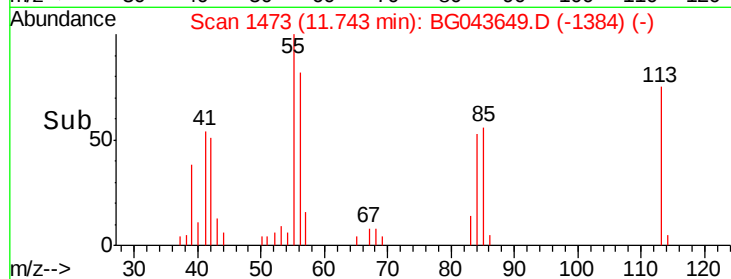
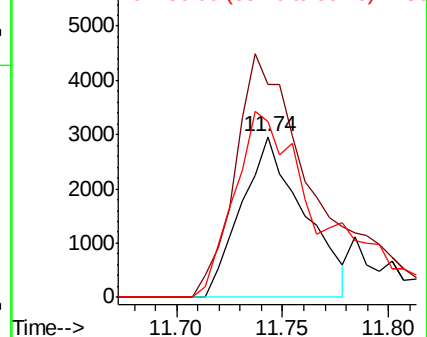
#35
 Caprolactam
 Concen: 8.813 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:113 Resp: 6064
 Ion Ratio Lower Upper
 113 100
 55 132.6 134.1 174.1#
 56 109.1 100.4 140.4

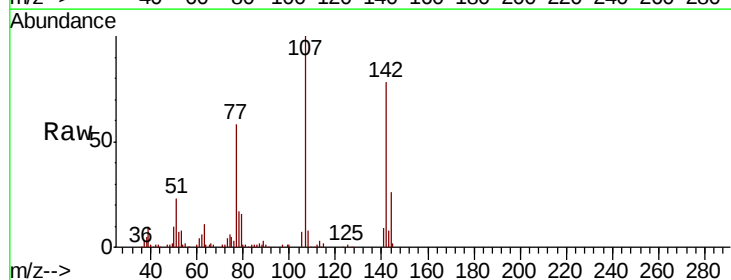


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

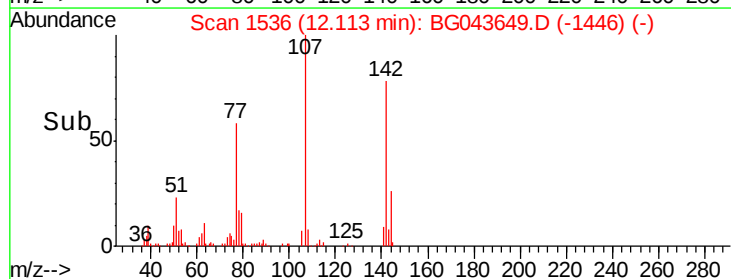
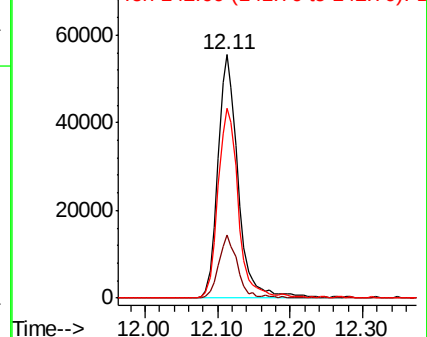


#36
 4-Chloro-3-methylphenol
 Concen: 49.123 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion:107 Resp: 107049
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.9 31.3
 142 77.8 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

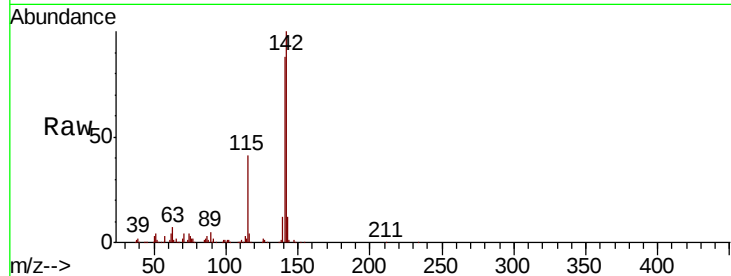




#37
2-Methylnaphthalene
Concen: 45.886 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.2
115	40.7	33.2	49.8

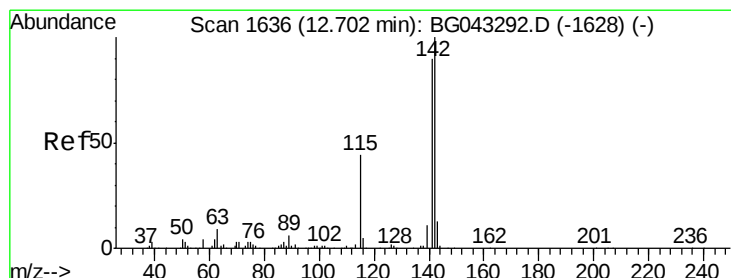
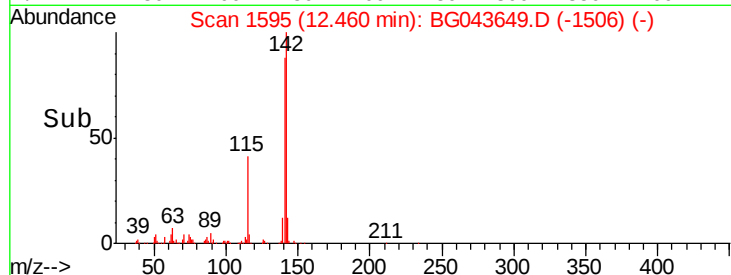
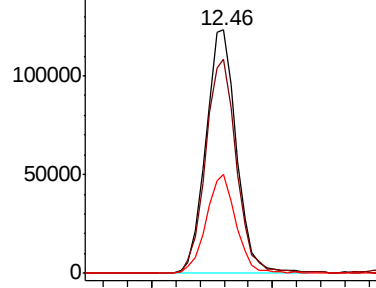


Abundance

Ion 142.00 (141.70 to 142.70): E

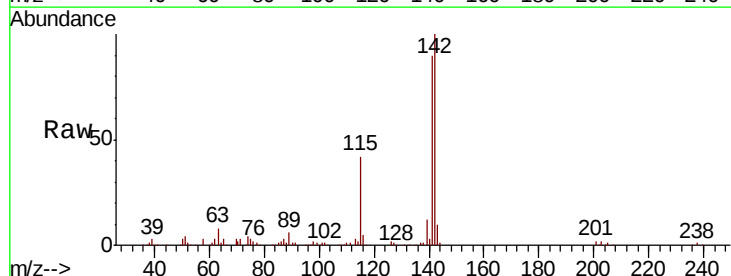
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.665 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.2	109.8
116	4.7	3.6	5.4

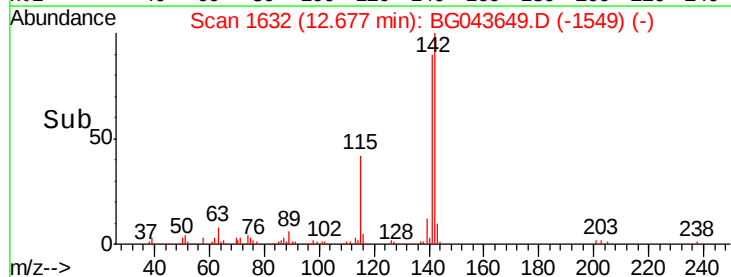
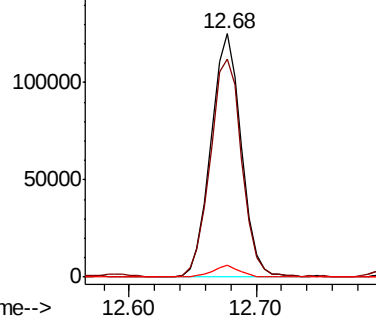


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

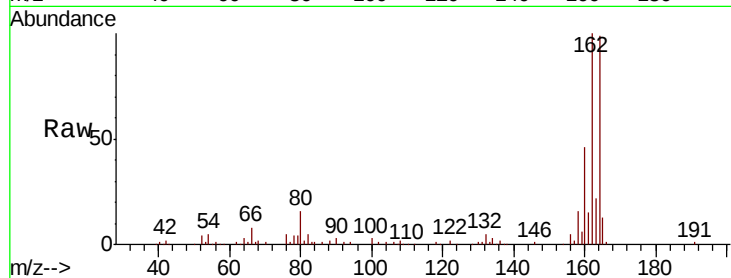
Tot Ion:164 Resp: 84182

Ion Ratio Lower Upper

164 100

162 100.9 83.5 125.3

160 46.8 36.5 54.7

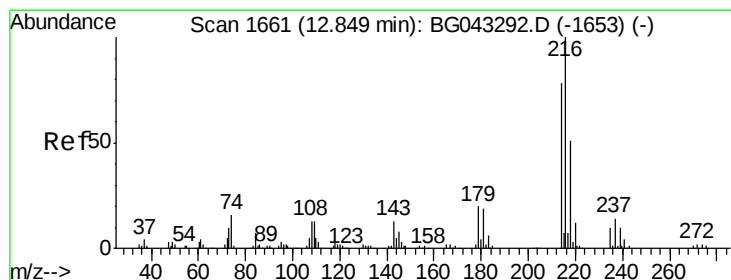
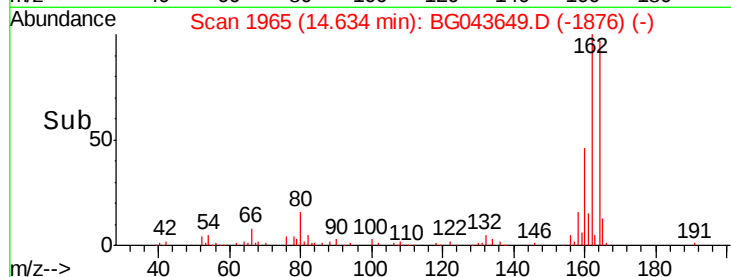
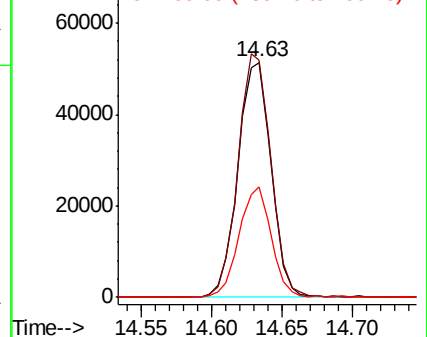


Abundance

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: 45.670 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Tgt Ion:216 Resp: 142282

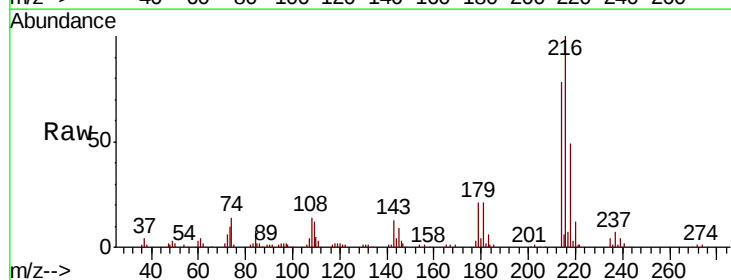
Ion Ratio Lower Upper

216 100

214 77.1 61.7 92.5

179 20.5 15.8 23.8

108 14.1 11.5 17.3



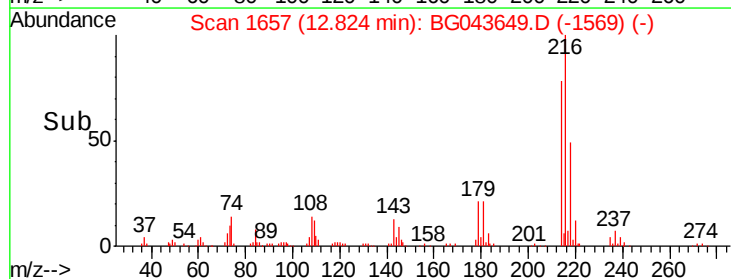
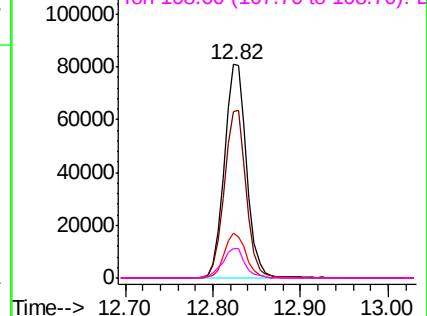
Abundance

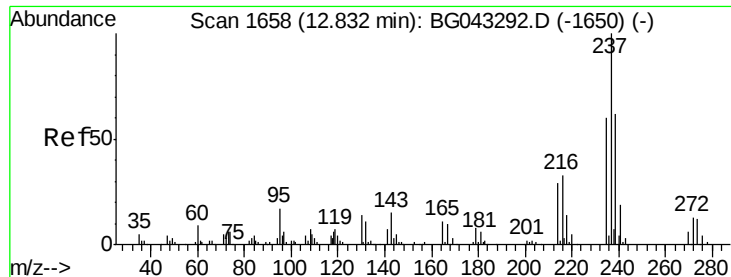
Ion 216.00 (215.70 to 216.70): E

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: 34.183 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

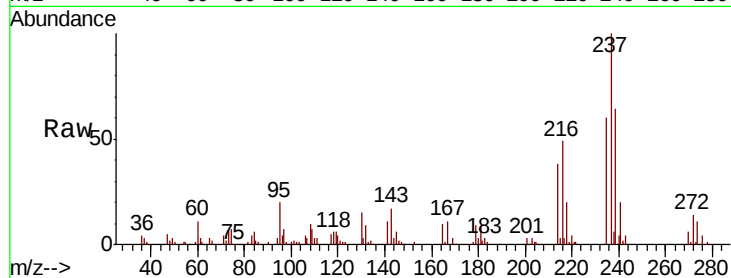
Tot Ion:237 Resp: 55942

Ion Ratio Lower Upper

237 100

235 59.7 41.6 81.6

272 14.0 0.0 32.5

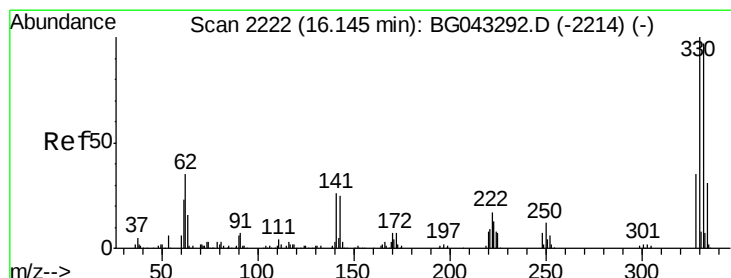
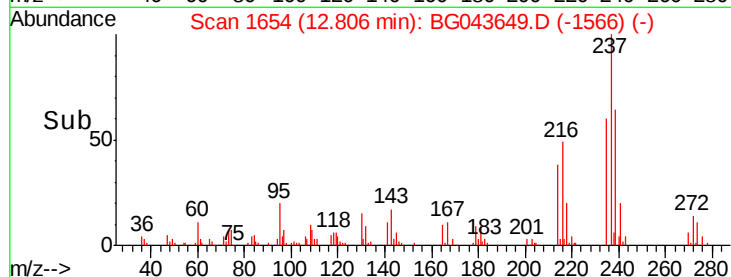
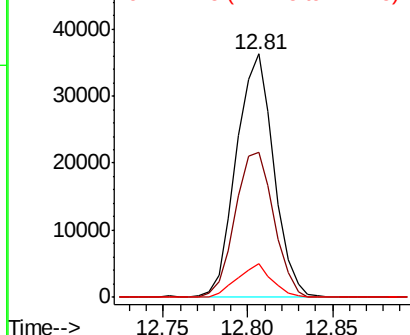


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.703 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

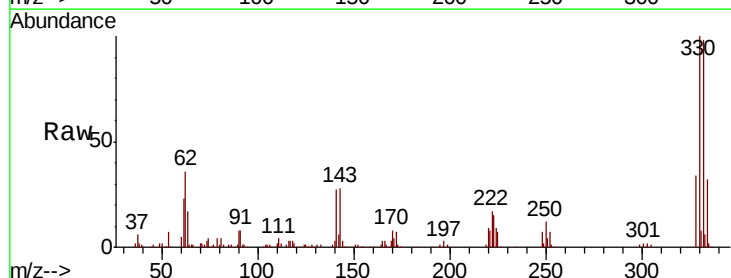
Tgt Ion:330 Resp: 204579

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 28.6 22.8 34.2

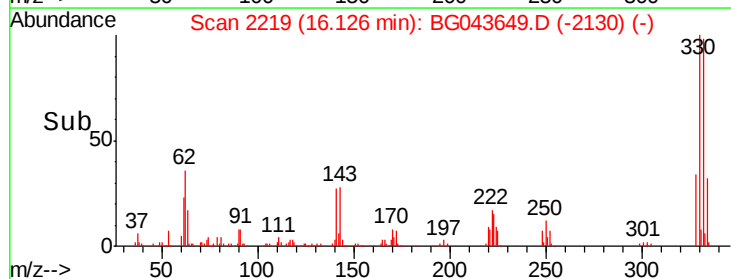
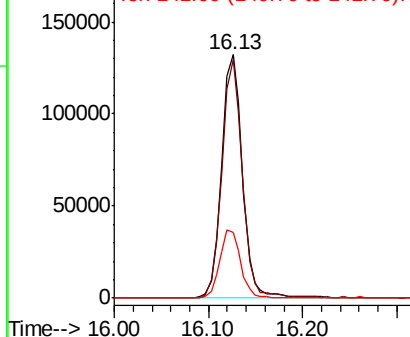


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

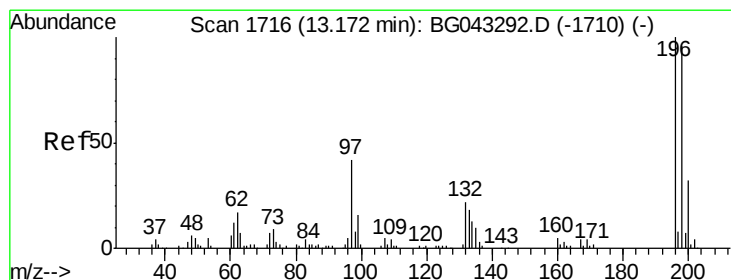
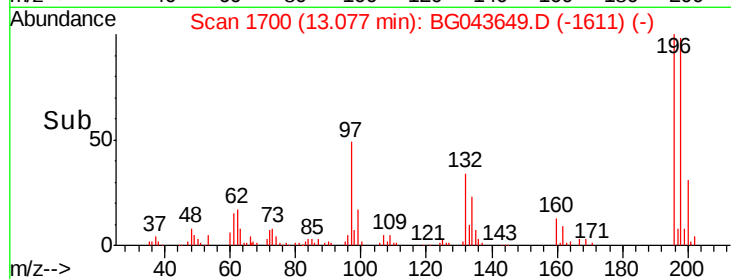
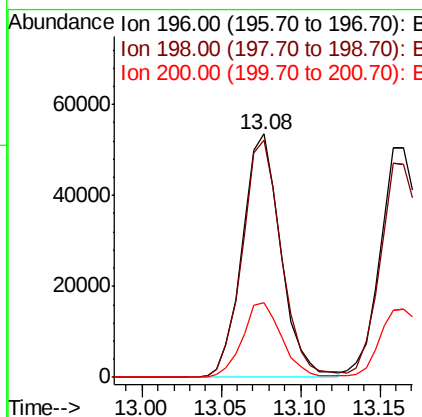
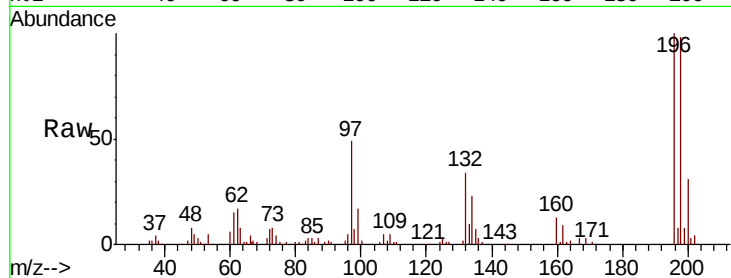




#43
 2,4,6-Trichlorophenol
 Concen: 49.308 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

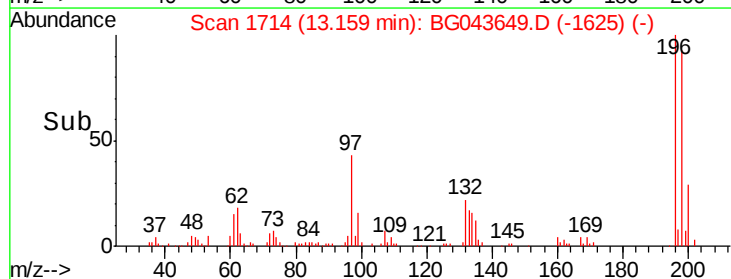
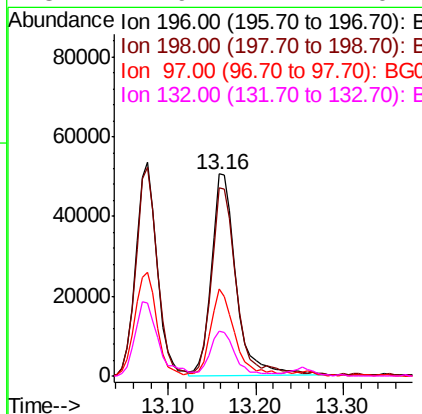
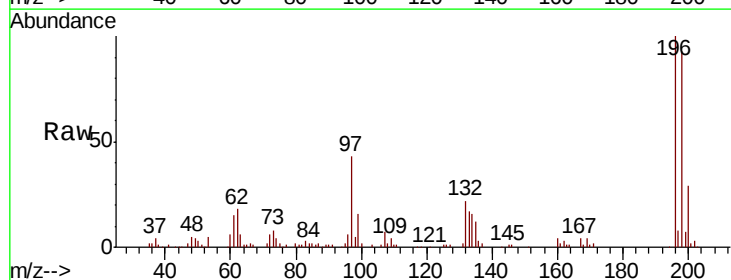
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

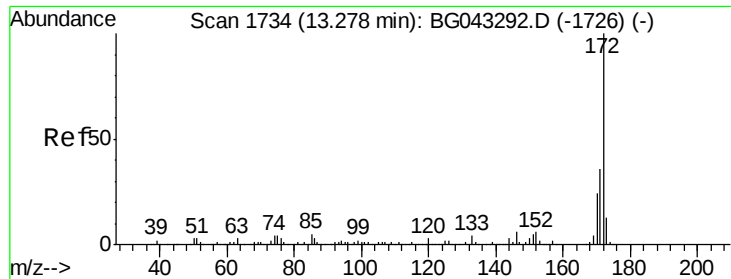
Tot Ion:196 Resp: 90466
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.8 113.6
 200 30.7 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 52.957 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion:196 Resp: 98228
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.5 111.7
 97 43.2 36.3 54.5
 132 21.9 17.4 26.2

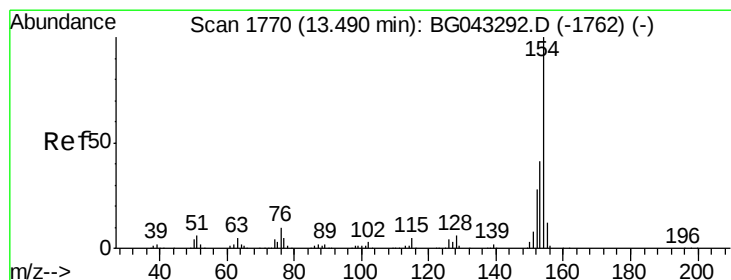
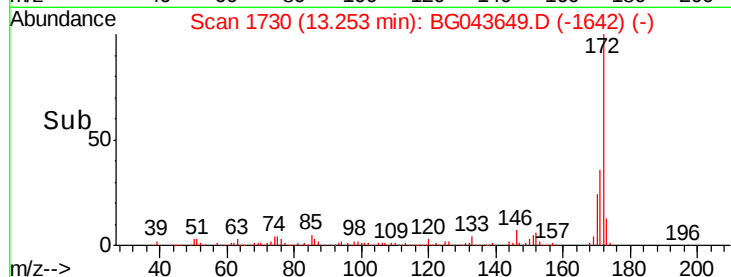
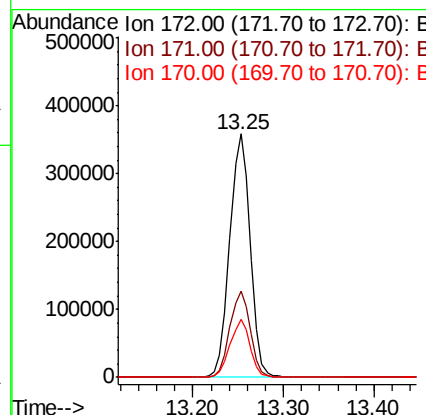
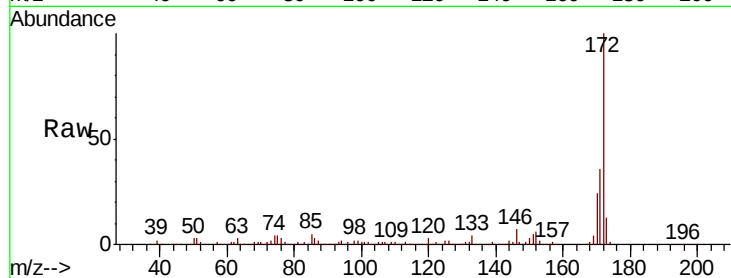




#45
2-Fluorobiphenyl
Concen: 92.389 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

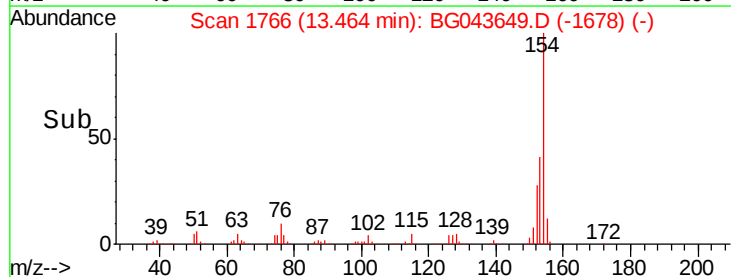
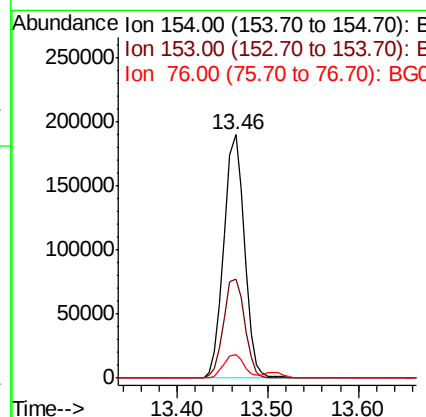
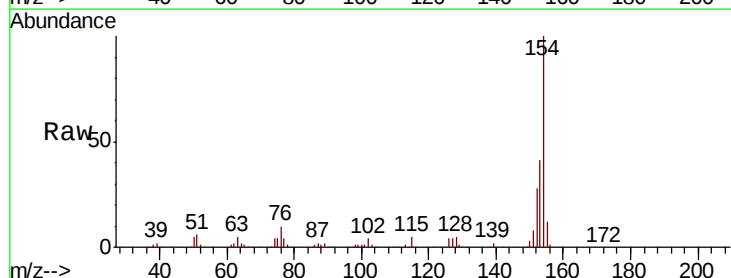
Instrument :
BNA_G
ClientSampleId :
PB124801BS

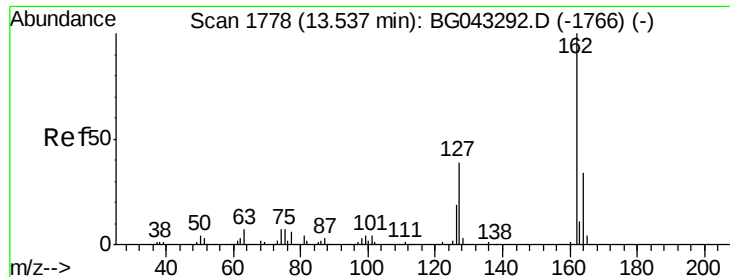
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 46.718 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.9	59.9
76	9.5	0.0	29.4

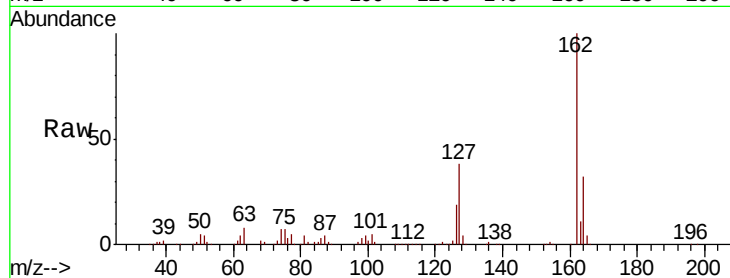




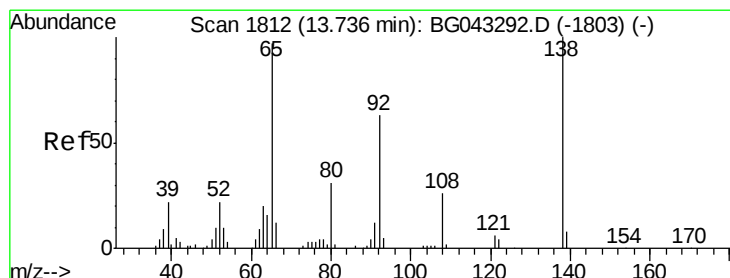
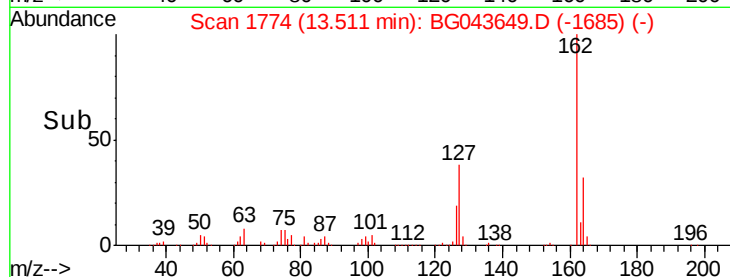
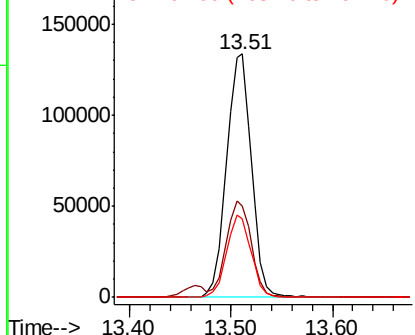
#47
2-Chloronaphthalene
Concen: 46.596 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:162 Resp: 227046
Ion Ratio Lower Upper
162 100
127 37.6 31.2 46.8
164 32.3 25.8 38.8

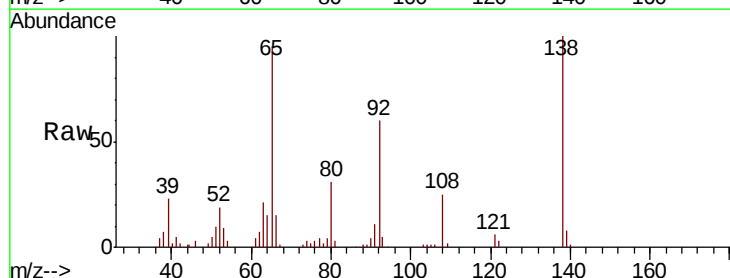


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

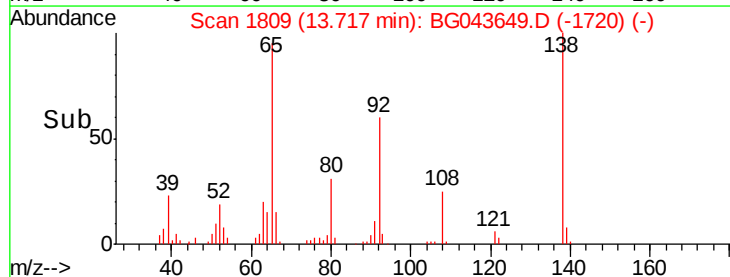
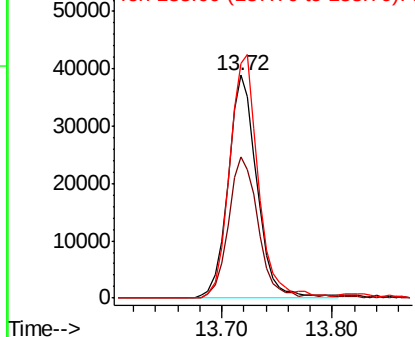


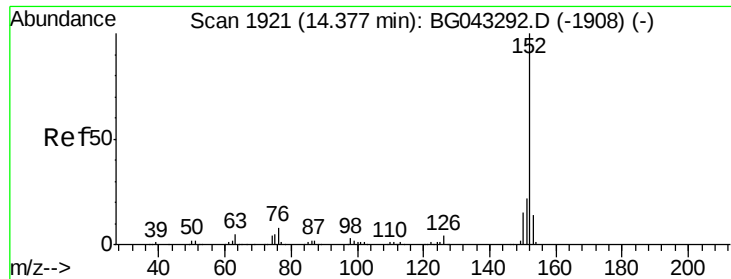
#48
2-Nitroaniline
Concen: 48.813 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion: 65 Resp: 71088
Ion Ratio Lower Upper
65 100
92 63.5 56.2 84.2
138 105.2 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: 50.448 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

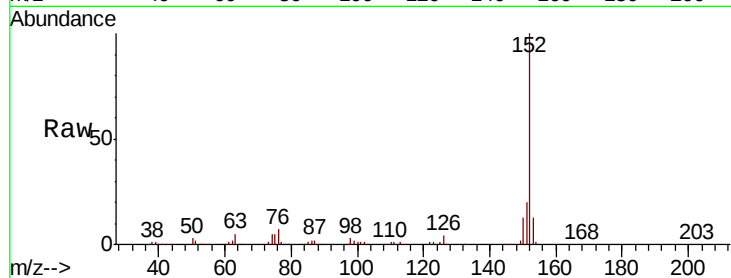
Tot Ion:152 Resp: 382583

Ion Ratio Lower Upper

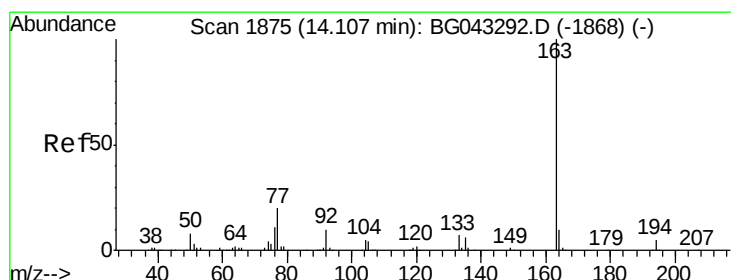
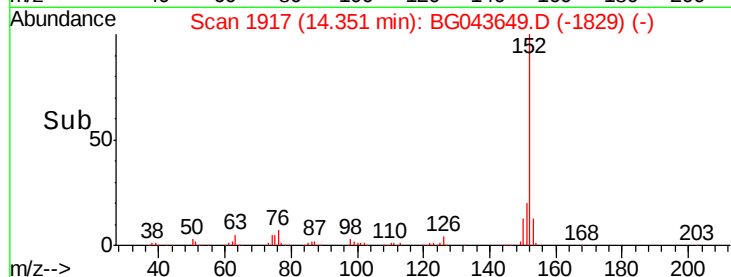
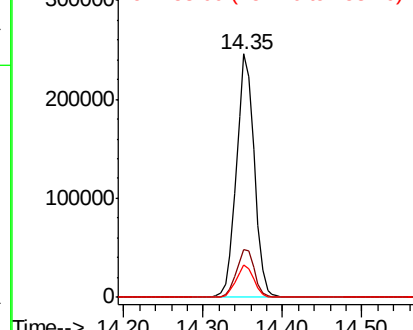
152 100

151 19.6 16.2 24.4

153 13.1 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: 47.130 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

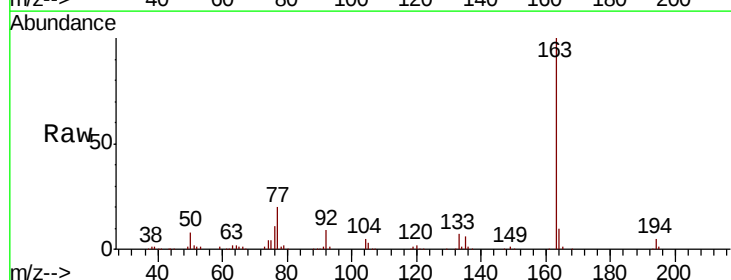
Tgt Ion:163 Resp: 307307

Ion Ratio Lower Upper

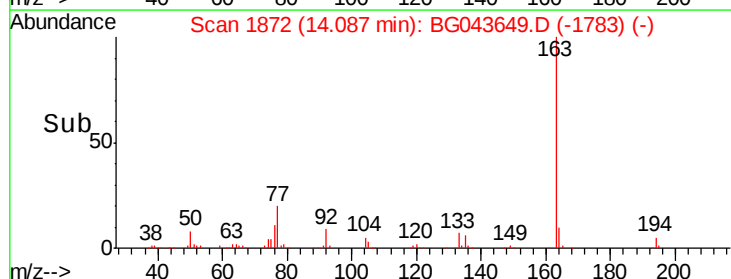
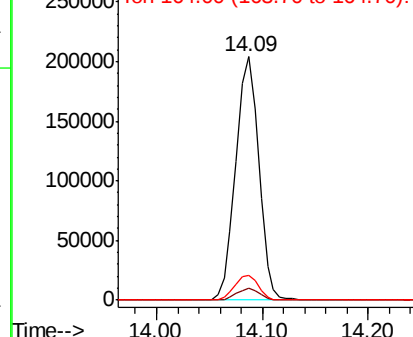
163 100

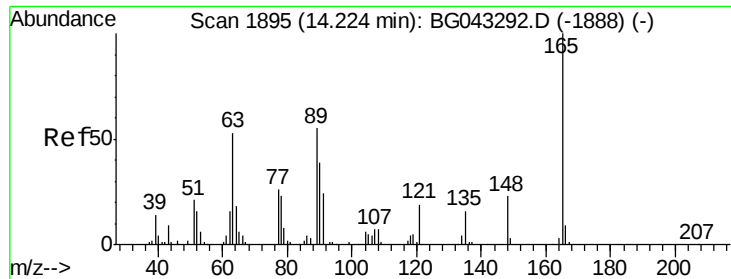
194 4.9 3.8 5.6

164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.654 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

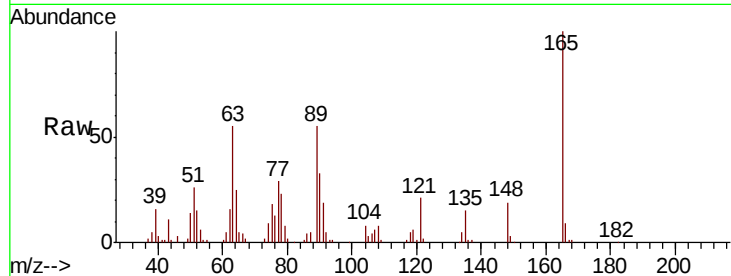
Tot Ion:165 Resp: 70338

Ion Ratio Lower Upper

165 100

63 55.3 46.6 69.8

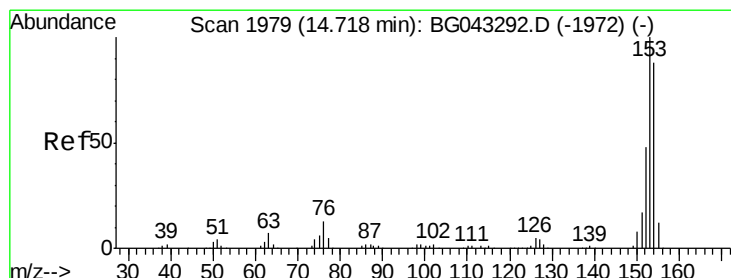
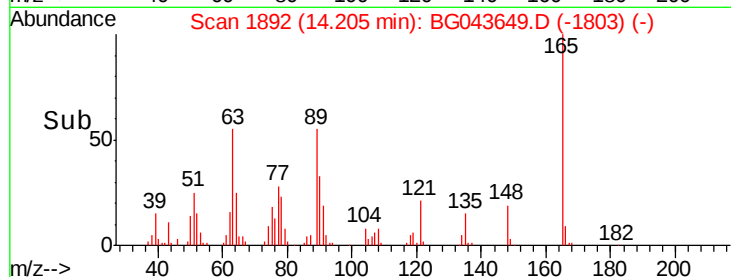
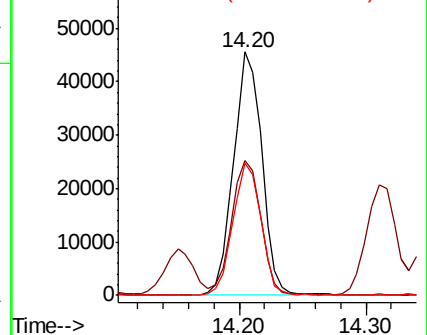
89 54.5 45.1 67.7



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: 48.536 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

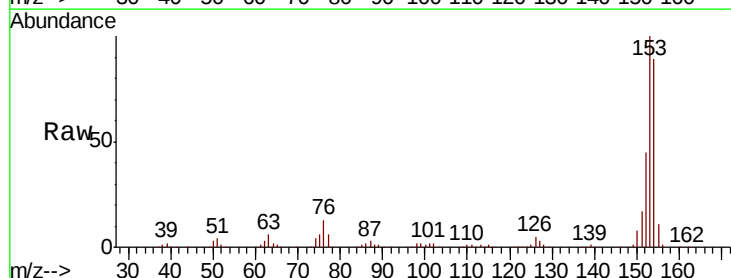
Tgt Ion:154 Resp: 224466

Ion Ratio Lower Upper

154 100

153 112.6 88.2 132.2

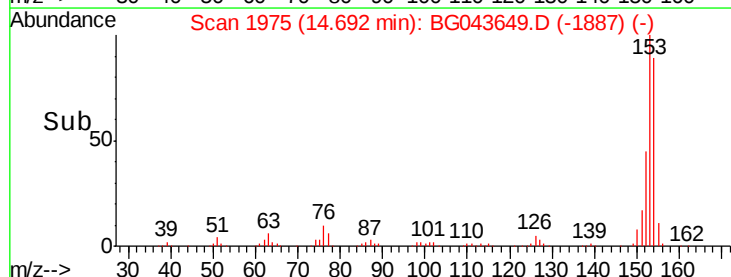
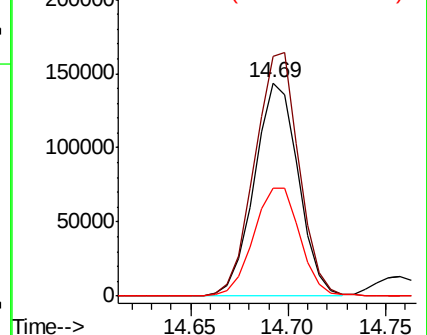
152 50.5 40.0 60.0

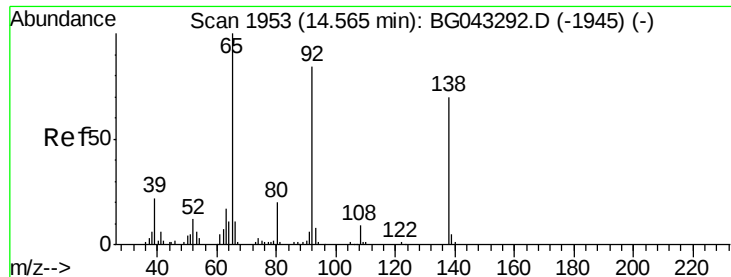


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.545 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

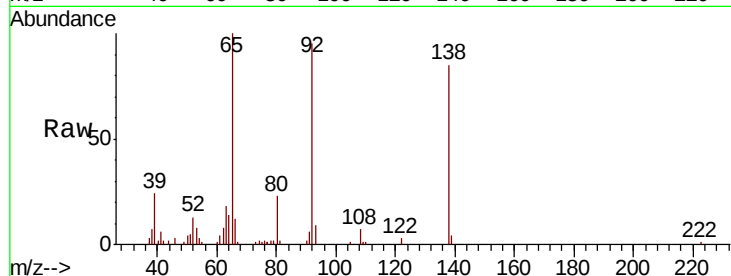
Tot Ion:138 Resp: 32201

Ion Ratio Lower Upper

138 100

108 8.7 8.0 12.0

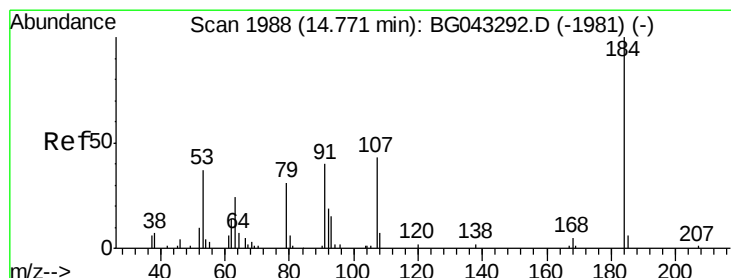
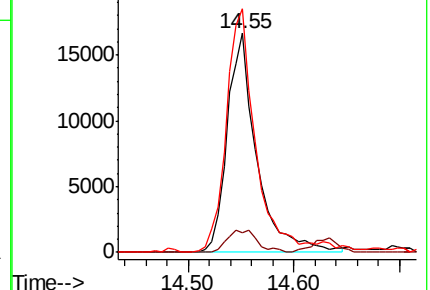
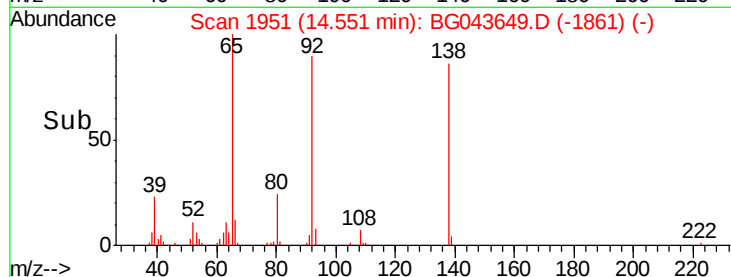
92 111.2 90.9 136.3



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: 49.318 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

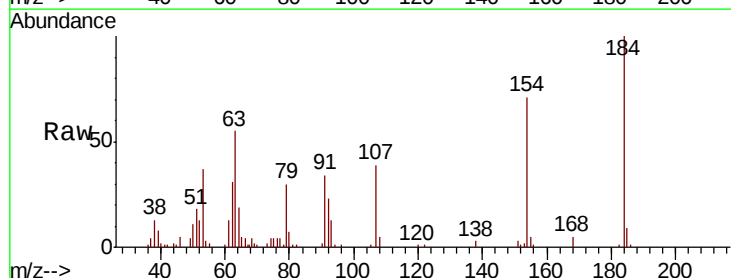
Tgt Ion:184 Resp: 40907

Ion Ratio Lower Upper

184 100

63 55.2 51.3 76.9

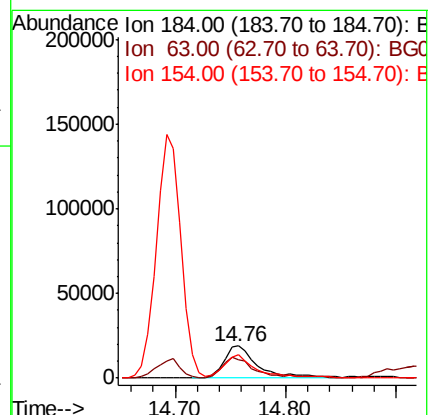
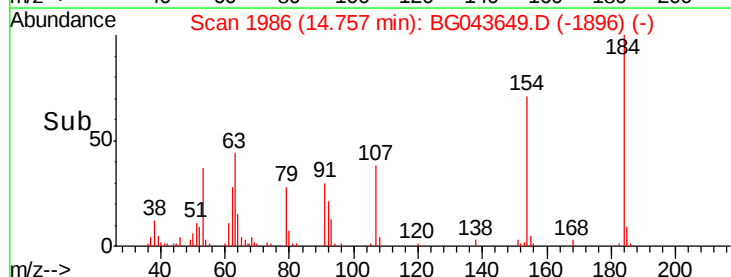
154 71.2 55.4 83.0

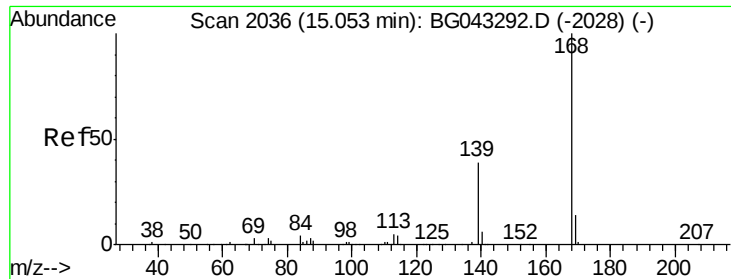


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 48.936 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

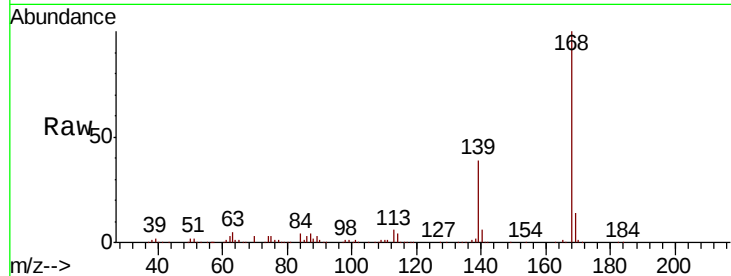
Tot Ion:168 Resp: 367014

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.6

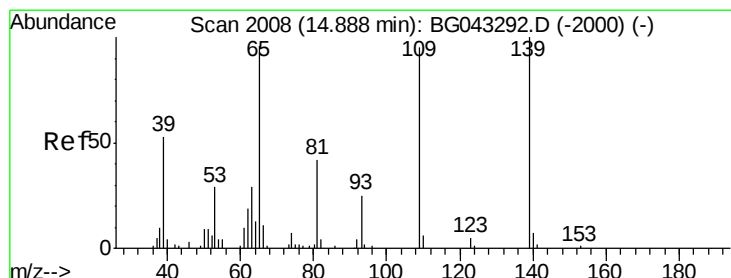
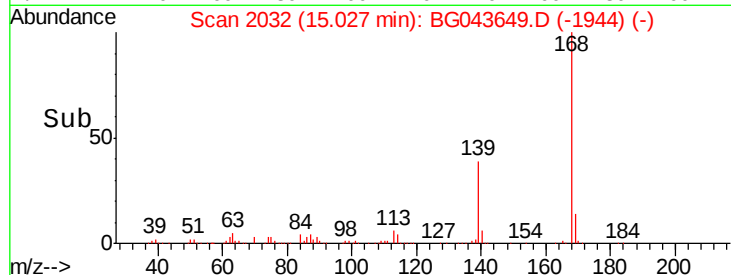
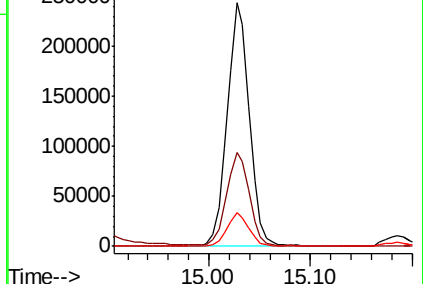
169 13.8 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.492 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

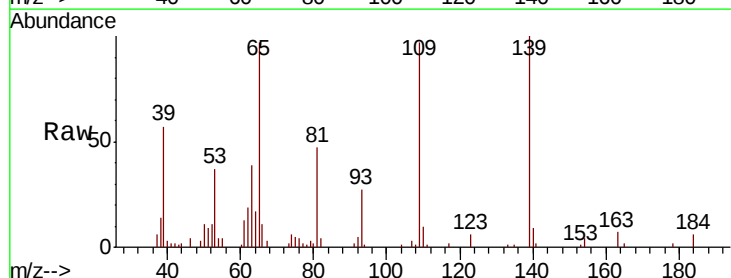
Tgt Ion:139 Resp: 35278

Ion Ratio Lower Upper

139 100

109 97.3 87.2 127.2

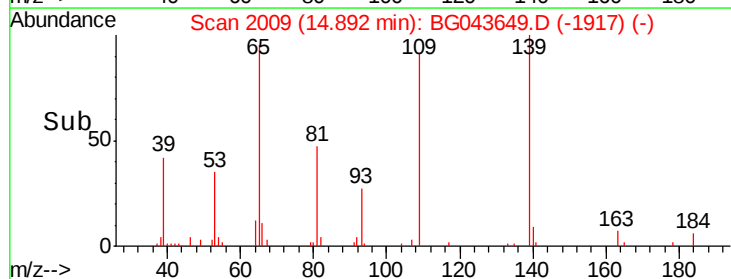
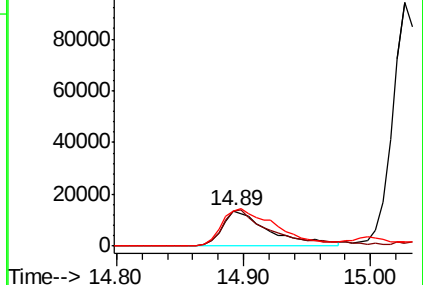
65 97.2 83.8 123.8

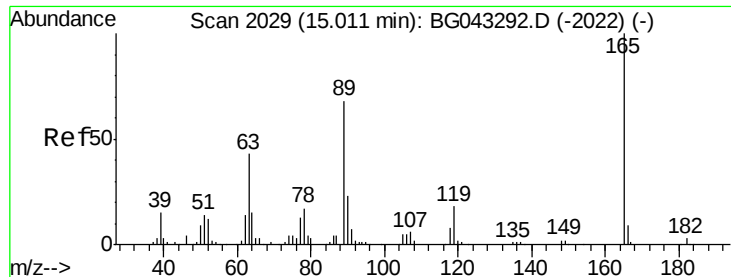


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

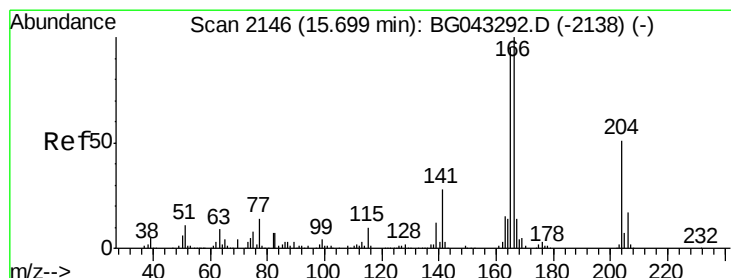
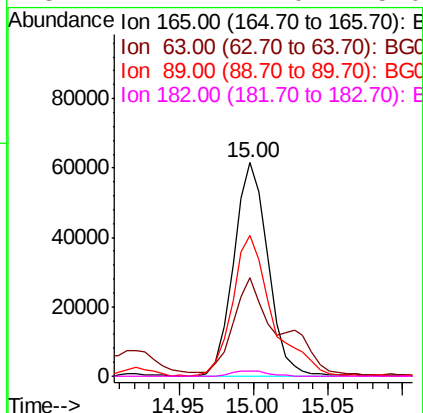
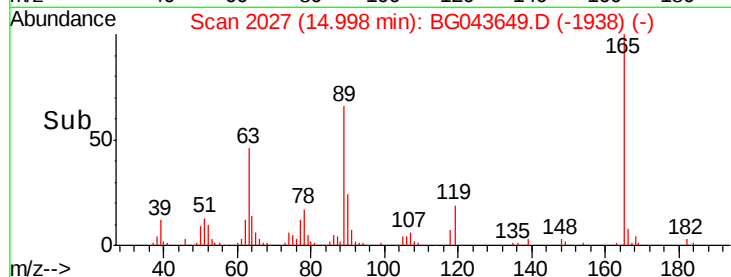
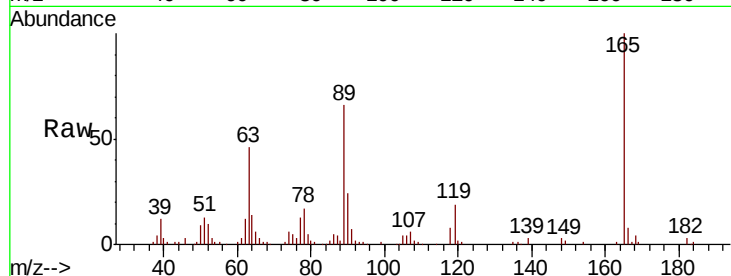




#57
2,4-Dinitrotoluene
Concen: 48.670 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

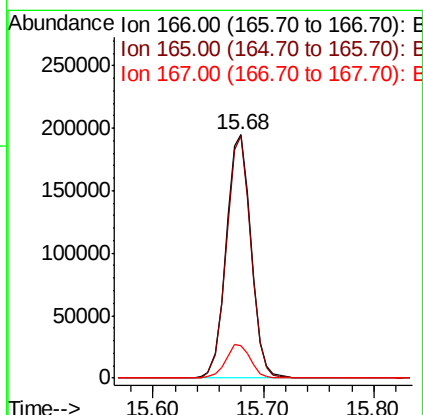
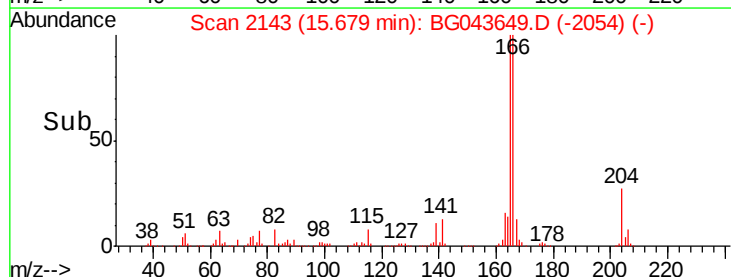
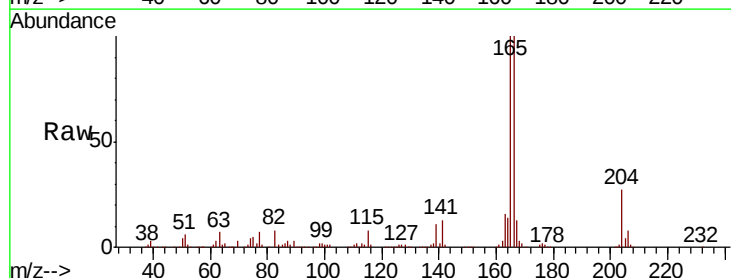
Instrument :
BNA_G
ClientSampleId :
PB124801BS

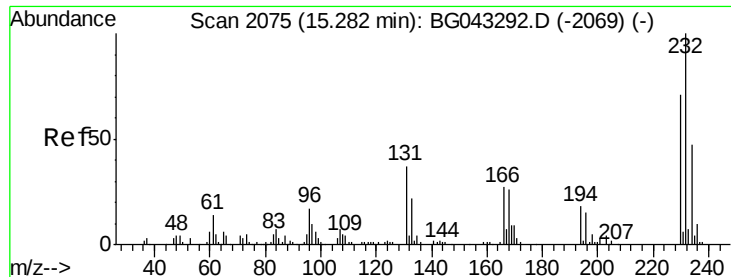
Tot Ion:165	Resp:	98529
Ion Ratio	Lower	Upper
165	100	
63	46.0	33.2 49.8
89	65.8	52.2 78.4
182	2.7	2.0 3.0



#58
Fluorene
Concen: 48.898 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:166	Resp:	307582
Ion Ratio	Lower	Upper
166	100	
165	99.7	79.0 118.6
167	13.2	10.5 15.7

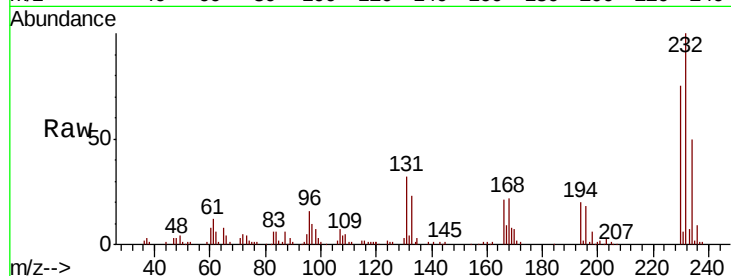




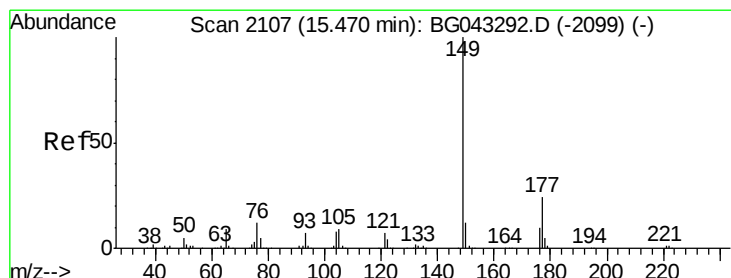
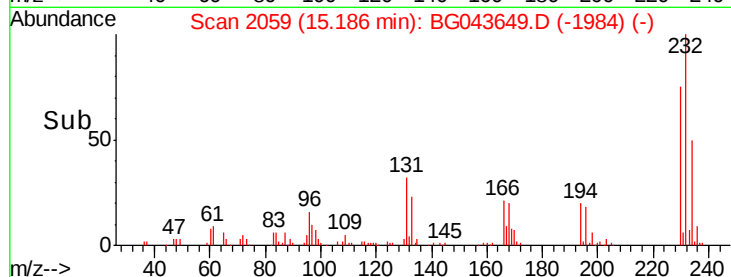
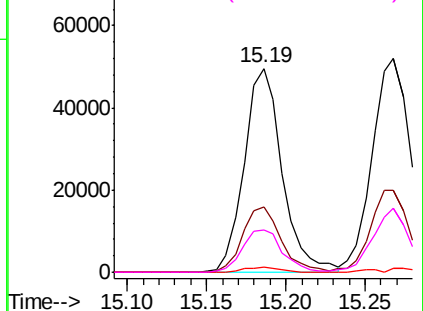
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.802 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.09 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:	232	Resp:	82379
Ion	Ratio	Lower	Upper
232	100		
131	32.4	26.9	40.3
130	2.3	1.8	2.6
166	22.2	20.9	31.3

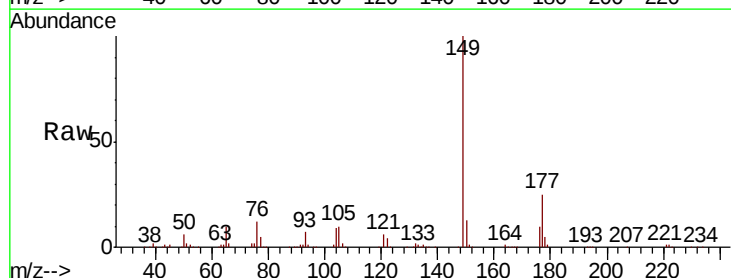


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

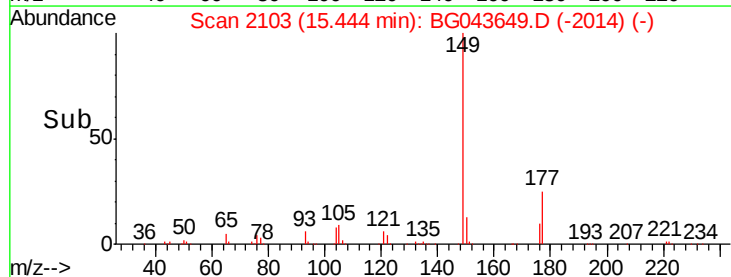
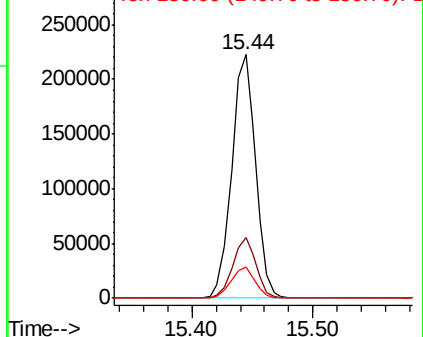


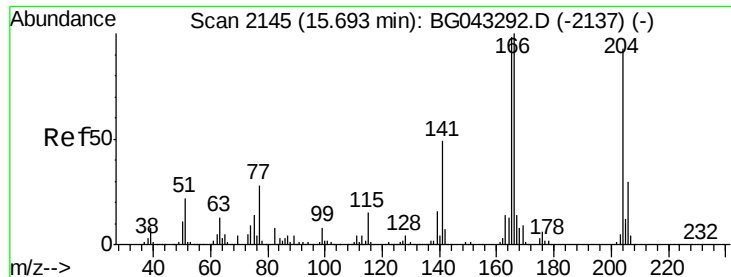
#60
 Diethylphthalate
 Concen: 46.688 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion:	149	Resp:	305885
Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.6	29.4
150	12.8	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

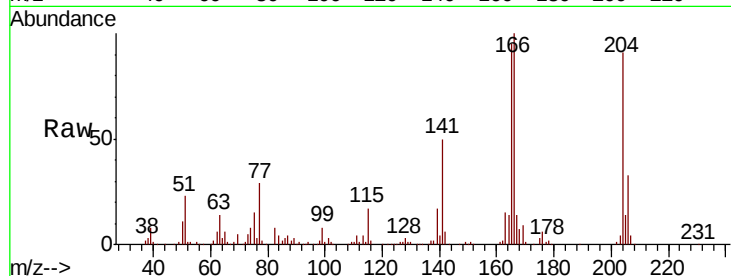




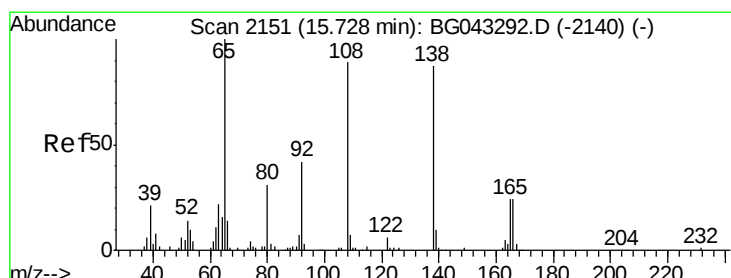
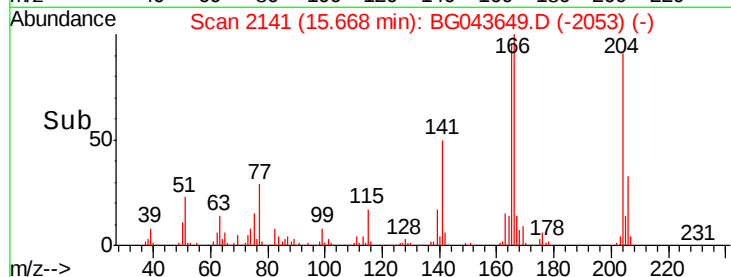
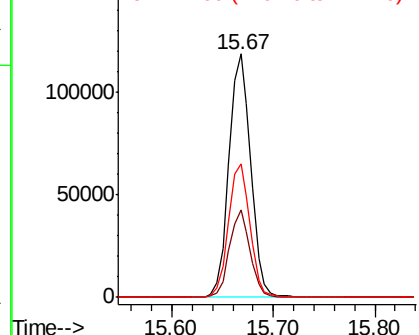
#61
4-Chlorophenyl-phenylether
Concen: 48.230 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:204 Resp: 176982
Ion Ratio Lower Upper
204 100
206 35.8 28.4 42.6
141 55.0 43.0 64.6

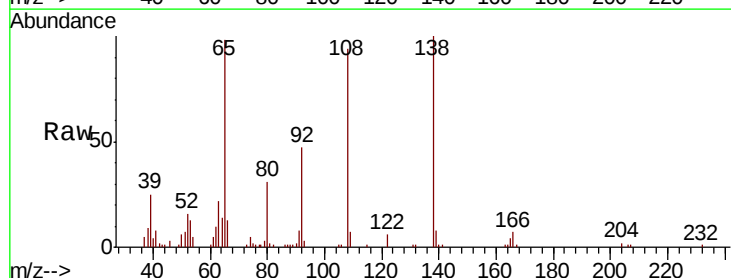


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

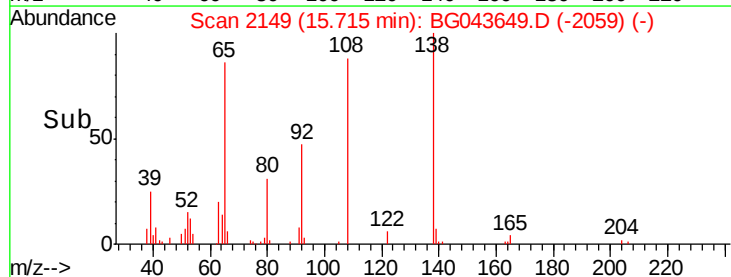
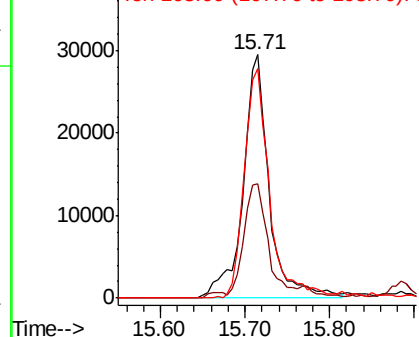


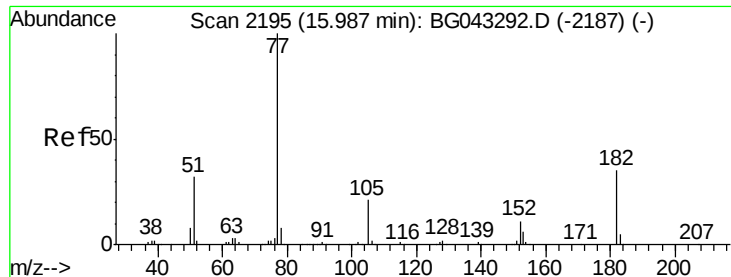
#62
4-Nitroaniline
Concen: 44.419 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:138 Resp: 62739
Ion Ratio Lower Upper
138 100
92 47.1 33.4 73.4
108 94.5 78.0 118.0



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





#63

Azobenzene

Concen: 49.004 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

Tot Ion: 77 Resp: 259837

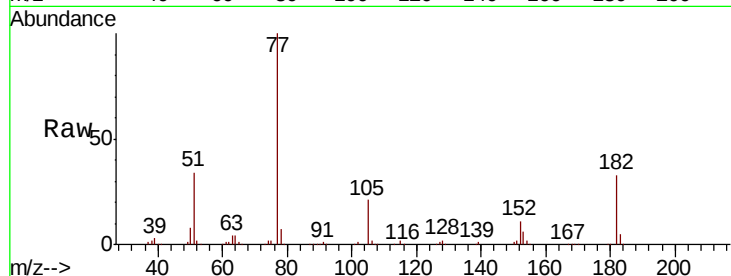
Ion Ratio Lower Upper

77 100

182 32.9 13.7 53.7

105 21.0 0.4 40.4

51 34.0 11.0 51.0

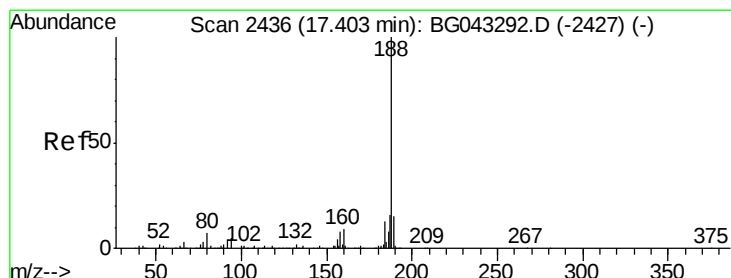
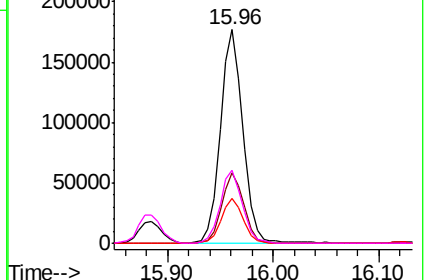
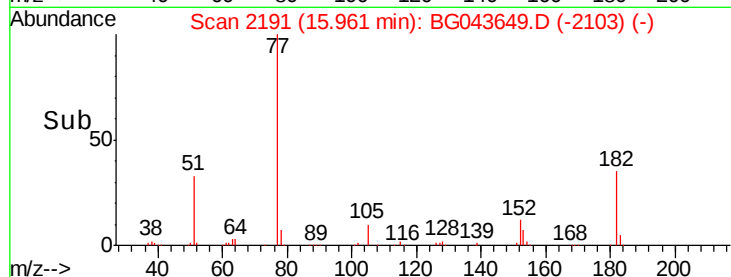


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

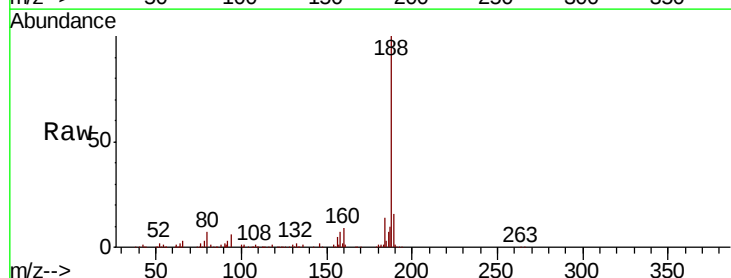
Tgt Ion: 188 Resp: 195789

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

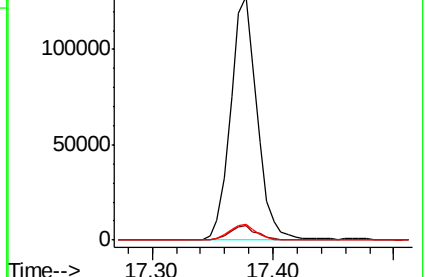
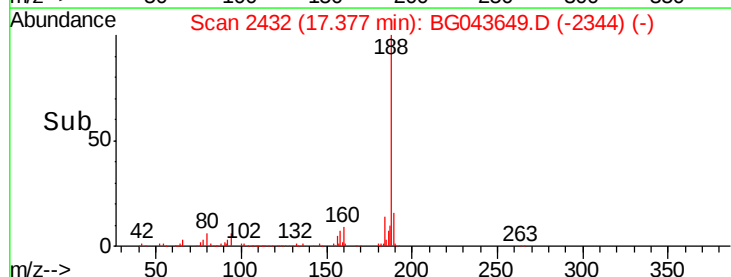
80 6.6 4.5 6.7

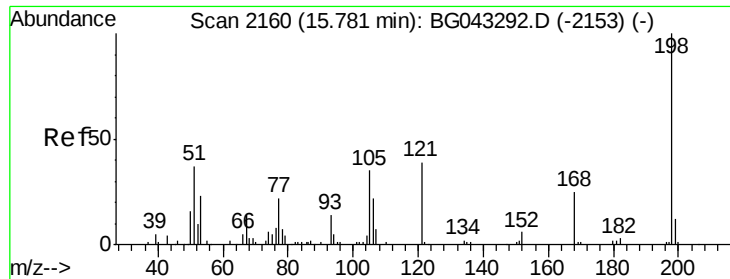


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

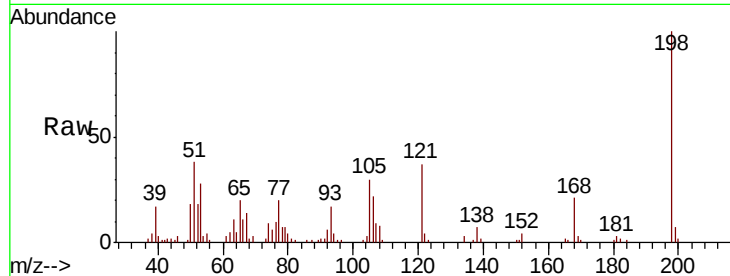




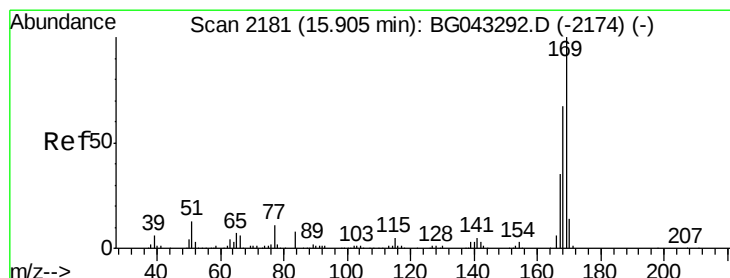
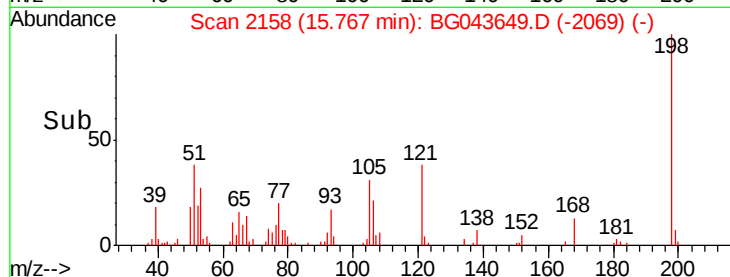
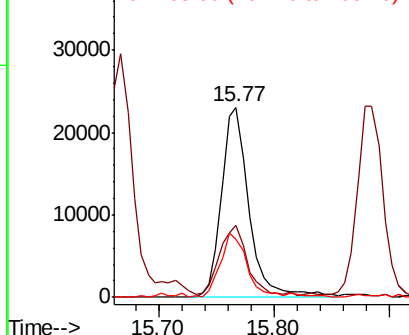
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.155 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BS

Tot Ion:198 Resp: 38202
 Ion Ratio Lower Upper
 198 100
 51 37.7 13.2 53.2
 105 30.2 15.8 55.8

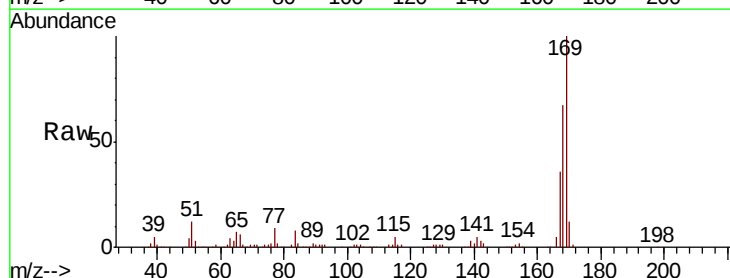


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

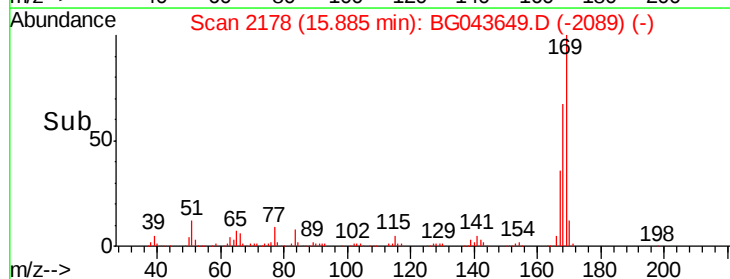
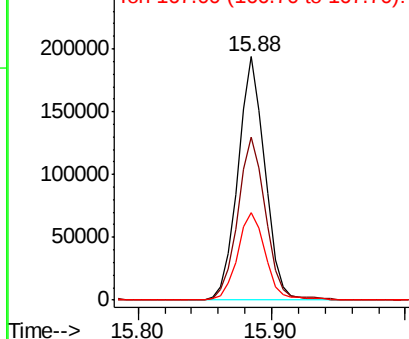


#66
 n-Nitrosodiphenylamine
 Concen: 49.026 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG043649.D
 Acq: 15 Nov 2019 6:59

Tgt Ion:169 Resp: 271000
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.8 80.6
 167 36.0 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

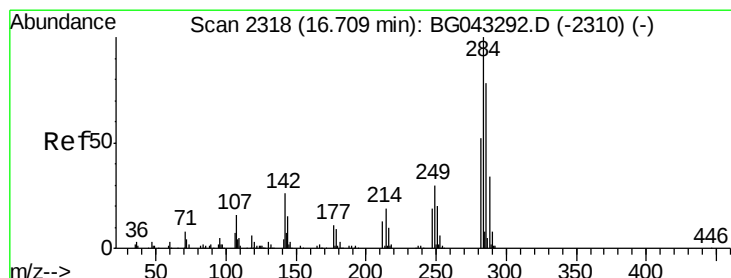
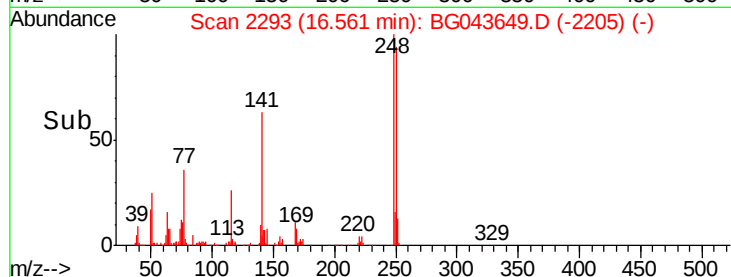
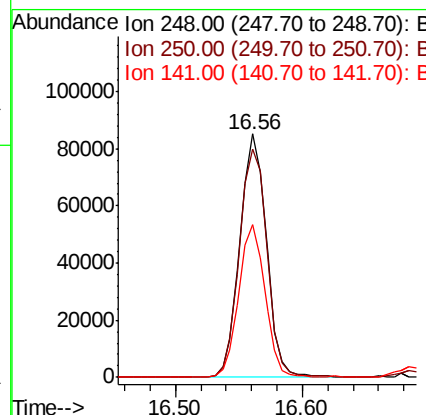
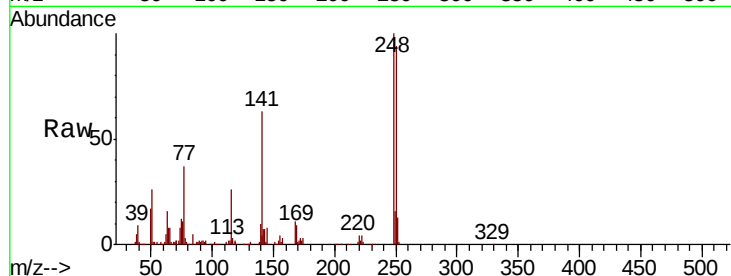




#67
4-Bromophenyl-phenylether
Concen: 46.856 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

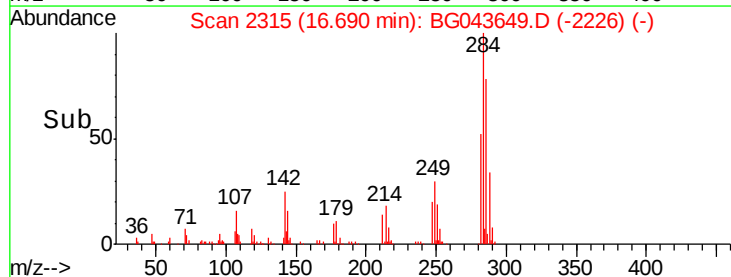
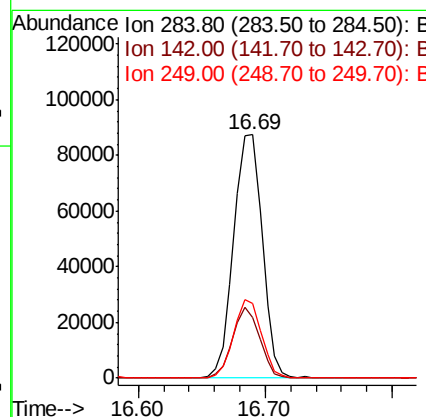
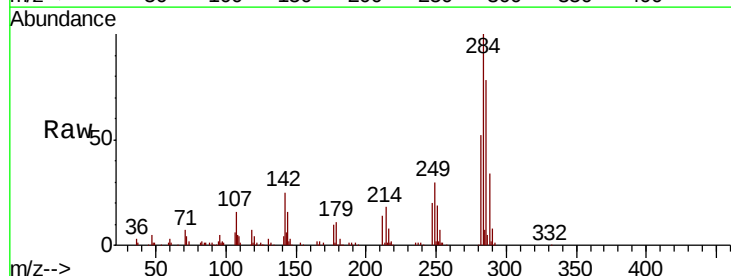
Instrument :
BNA_G
ClientSampleId :
PB124801BS

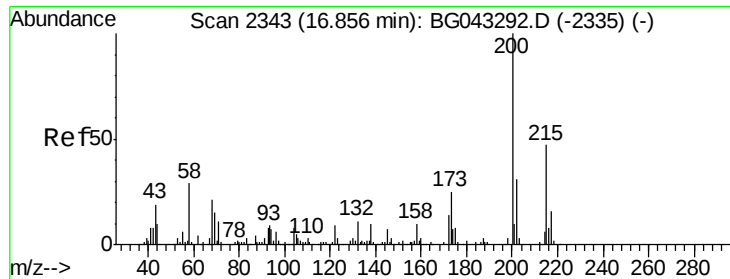
Tot Ion	Ratio	Lower	Upper
248	100		
250	93.8	77.0	115.4
141	62.6	47.5	71.3



#68
Hexachlorobenzene
Concen: 45.413 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	19.8	29.8
249	30.4	23.8	35.6





#69

Atrazine

Concen: 60.022 ng

RT: 16.84 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampled :

PB124801BS

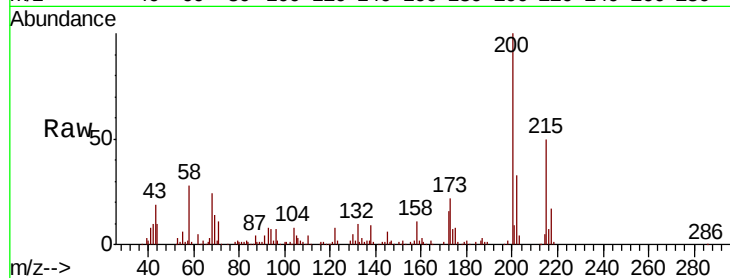
Tot Ion:200 Resp: 115287

Ion Ratio Lower Upper

200 100

173 22.0 4.7 44.7

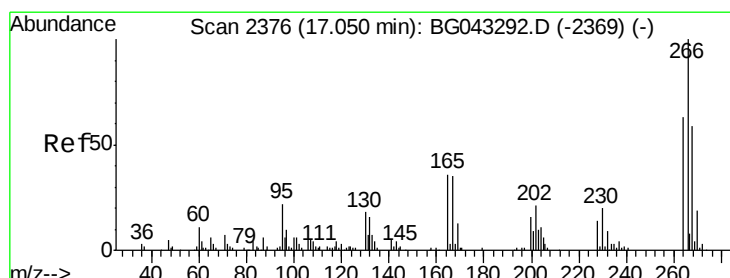
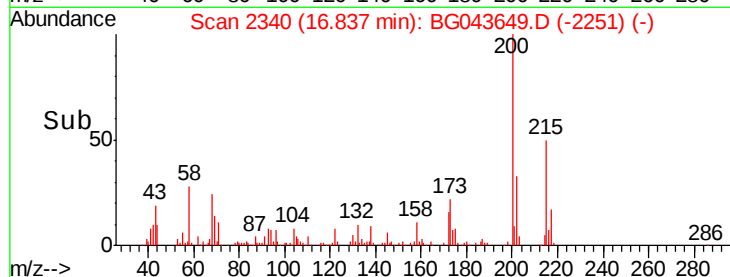
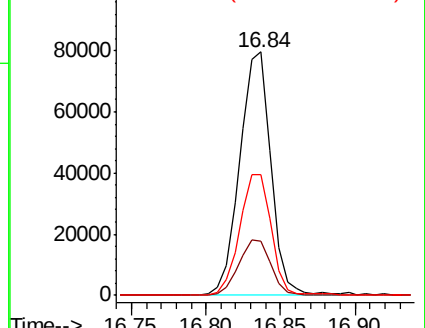
215 49.5 28.5 68.5



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: 73.754 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

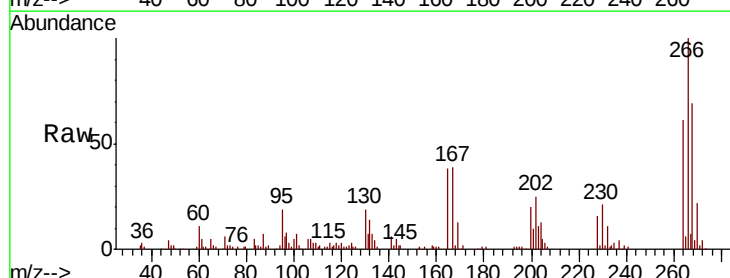
Tgt Ion:266 Resp: 101644

Ion Ratio Lower Upper

266 100

268 69.1 50.4 75.6

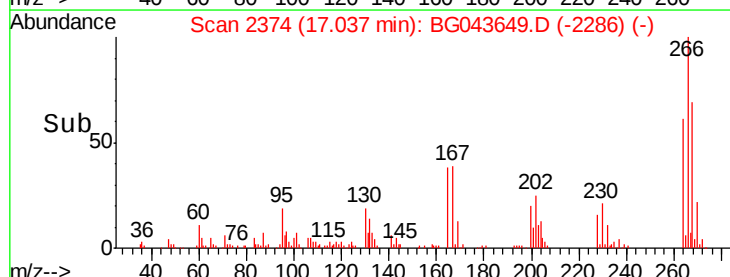
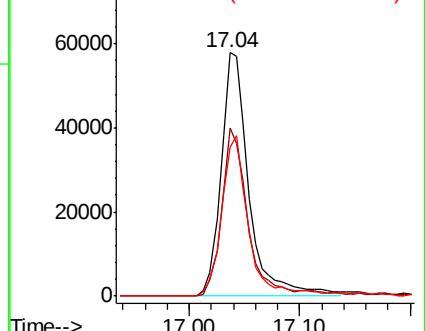
264 61.3 48.9 73.3

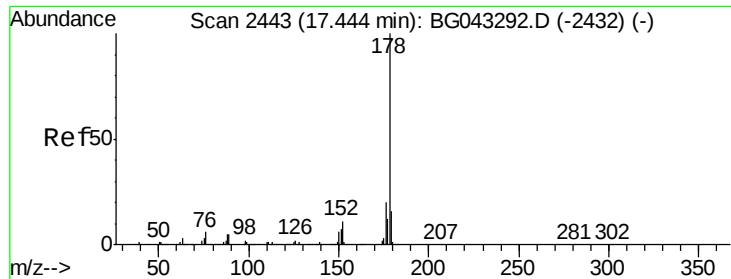


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

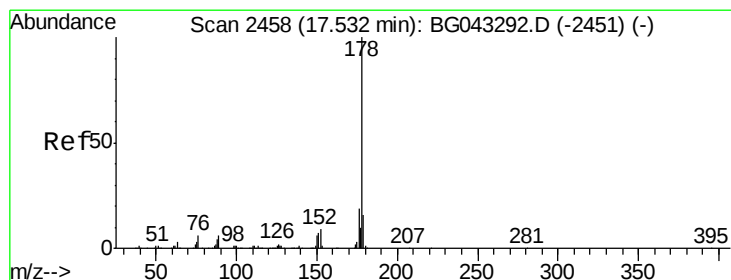
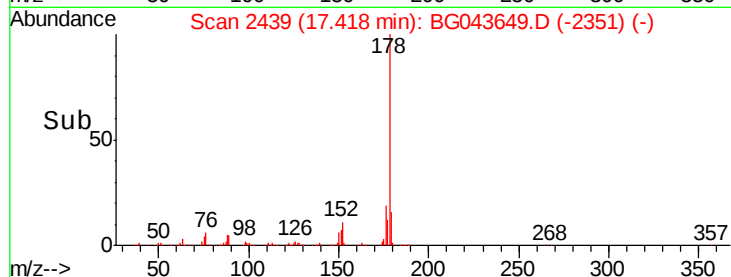
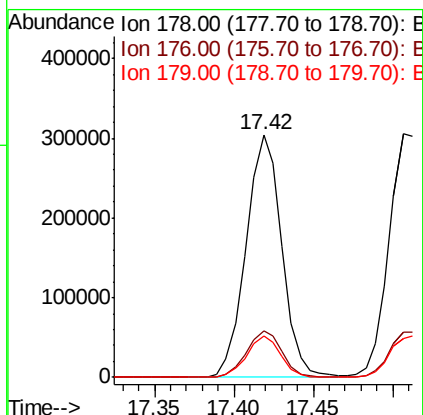
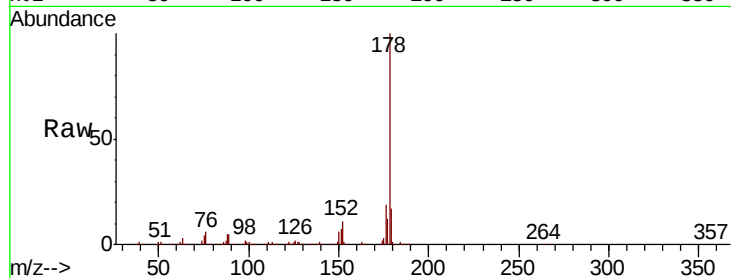




#71
Phenanthrene
Concen: 47.452 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

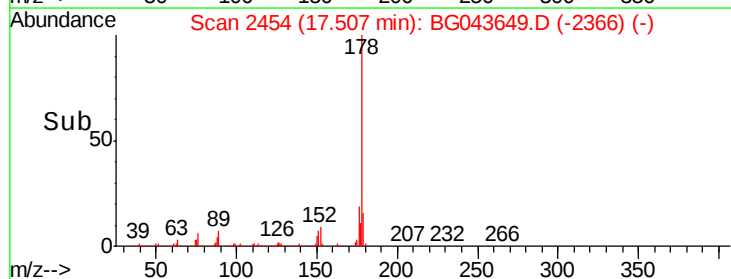
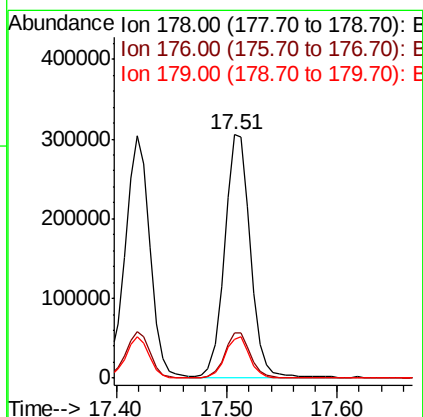
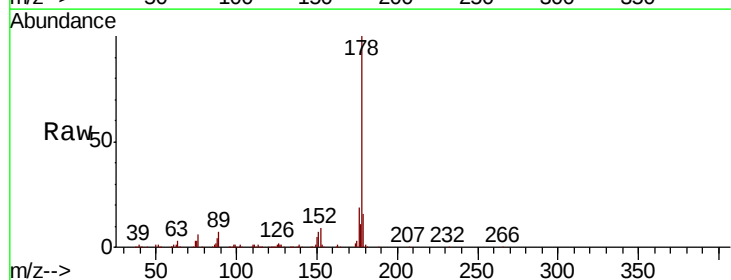
Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	17.2	13.0	19.6



#72
Anthracene
Concen: 49.515 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.1	13.7	20.5





#73

Carbazole

Concen: 48.708 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

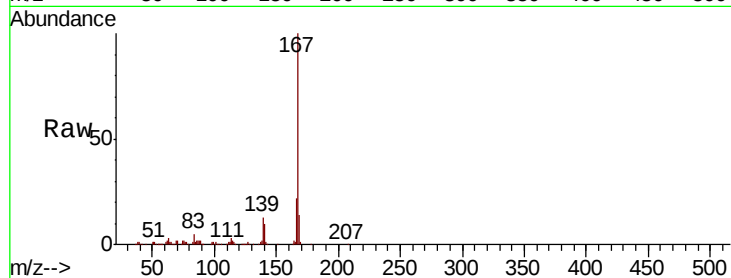
Tot Ion:167 Resp: 442454

Ion Ratio Lower Upper

167 100

166 21.7 18.7 28.1

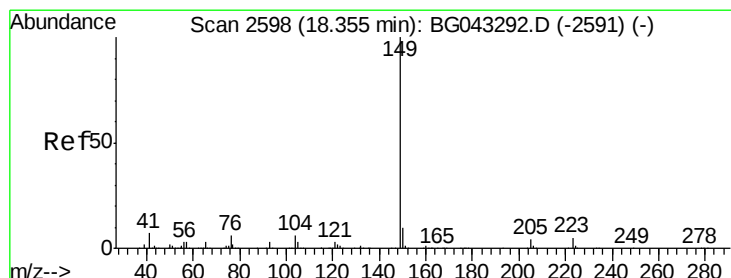
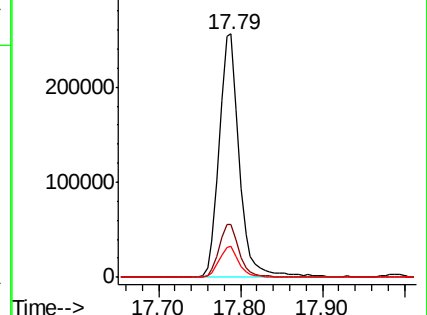
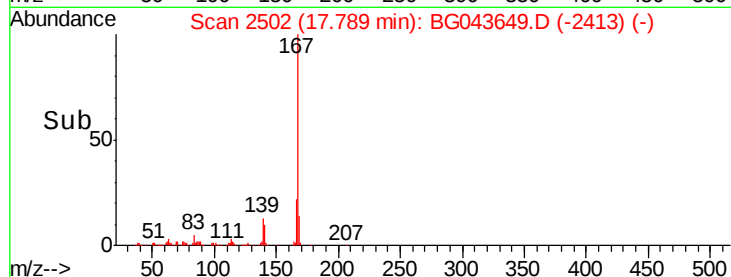
139 13.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.869 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

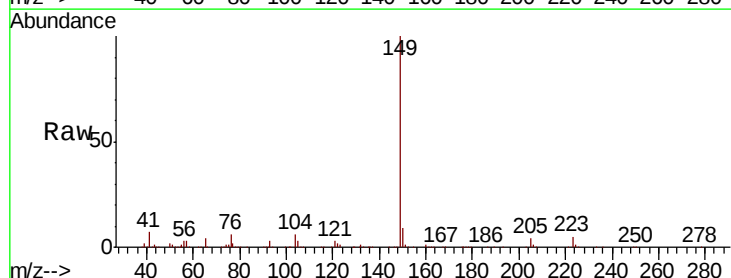
Tgt Ion:149 Resp: 527609

Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

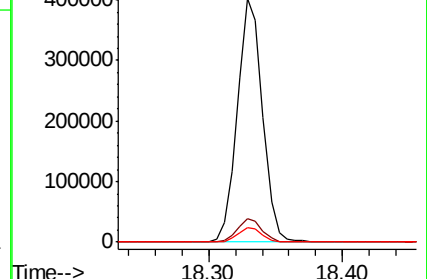
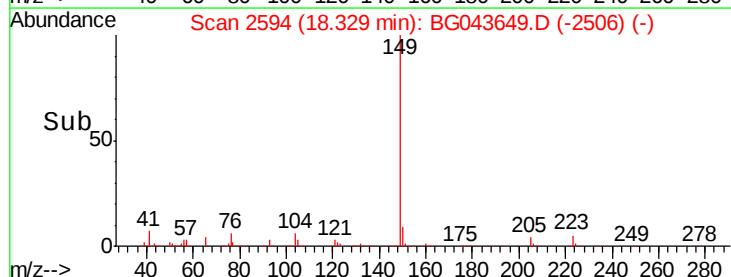
104 6.1 4.4 6.6

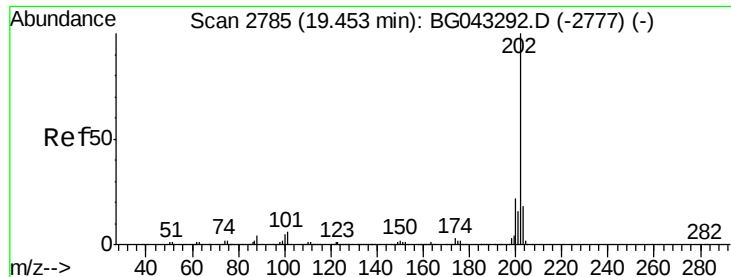


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.494 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampled :

PB124801BS

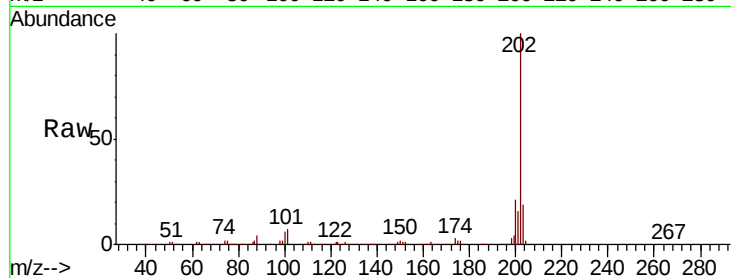
Tot Ion:202 Resp: 620780

Ion Ratio Lower Upper

202 100

101 7.1 0.0 26.3

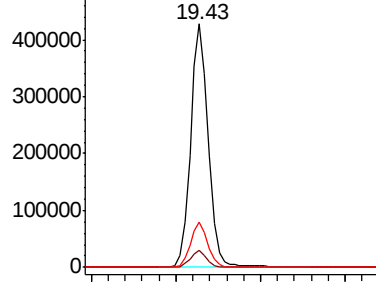
203 18.6 0.0 37.9



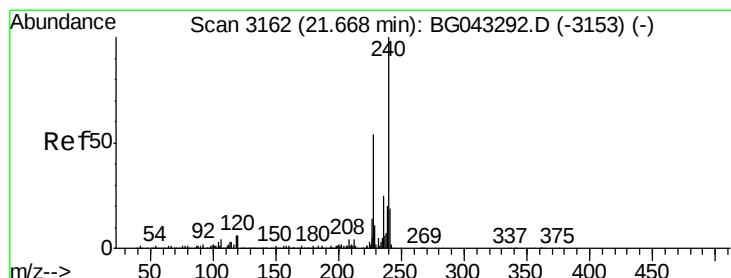
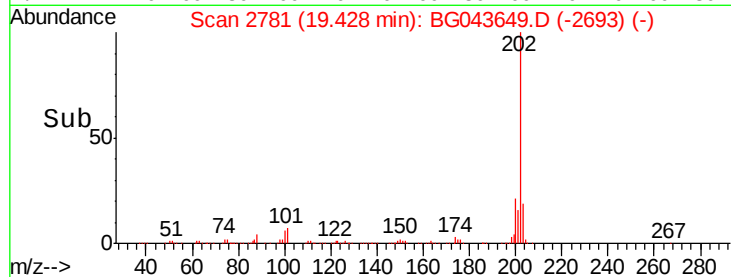
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

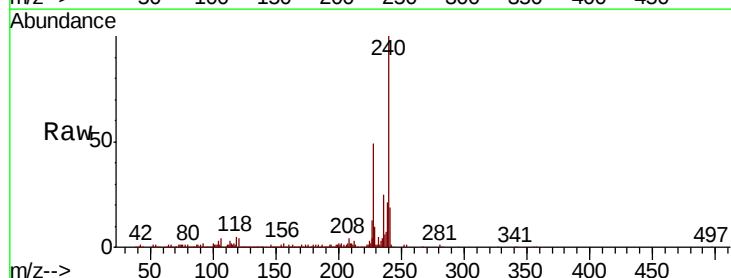
Tgt Ion:240 Resp: 206658

Ion Ratio Lower Upper

240 100

120 4.4 4.6 6.8#

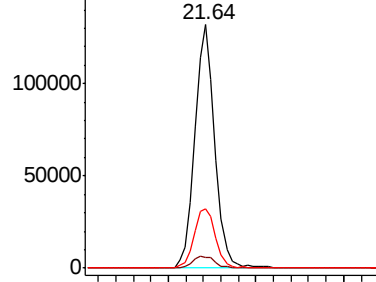
236 24.5 19.8 29.8



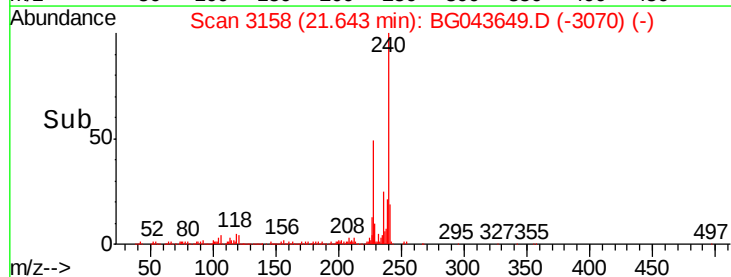
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#77

Benzidine

Concen: 39.738 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

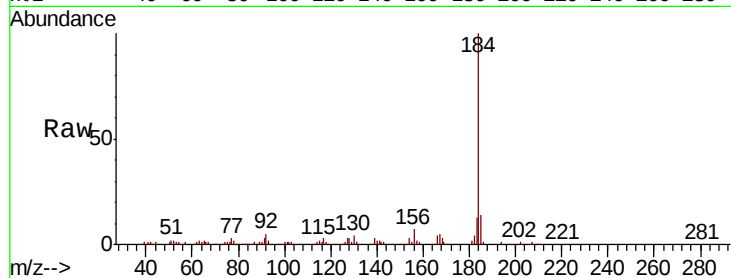
Tot Ion:184 Resp: 165271

Ion Ratio Lower Upper

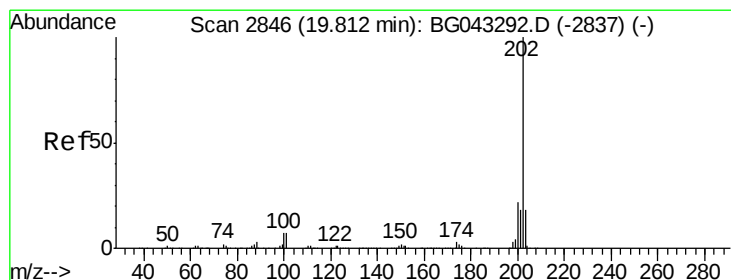
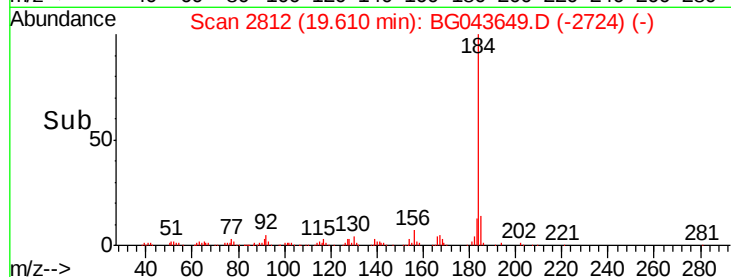
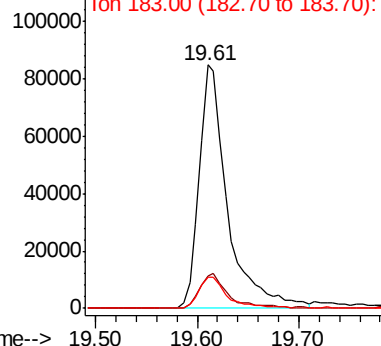
184 100

185 13.6 11.0 16.4

183 12.9 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: 49.096 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

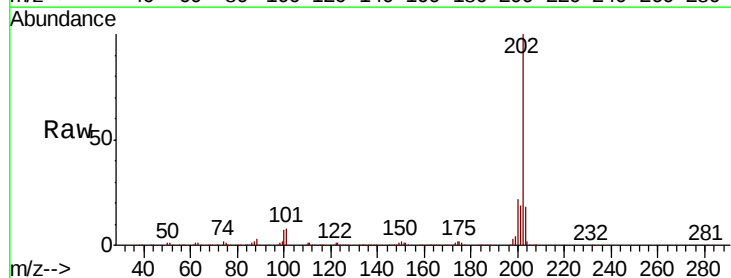
Tgt Ion:202 Resp: 628024

Ion Ratio Lower Upper

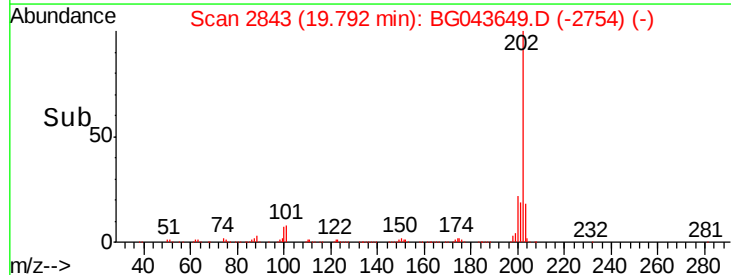
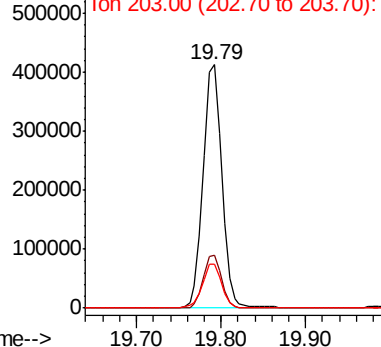
202 100

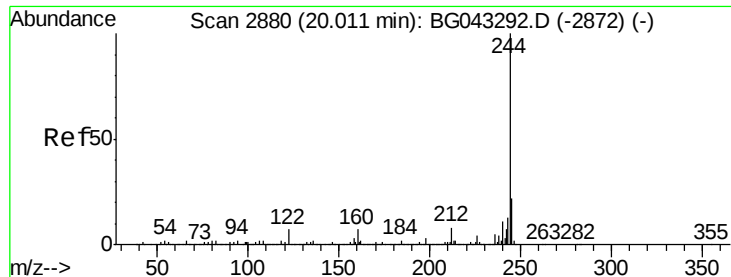
200 21.9 17.0 25.4

203 18.3 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: 97.856 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

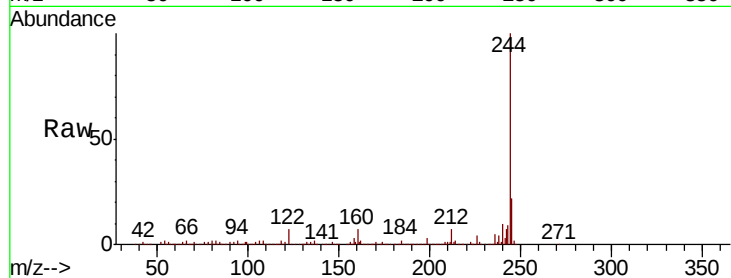
Tot Ion:244 Resp: 1077937

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.9	5.4	8.2

244 100

212 7.1 5.8 8.6

122 6.9 5.4 8.2

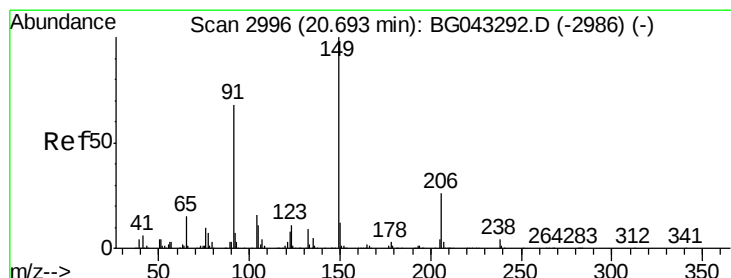
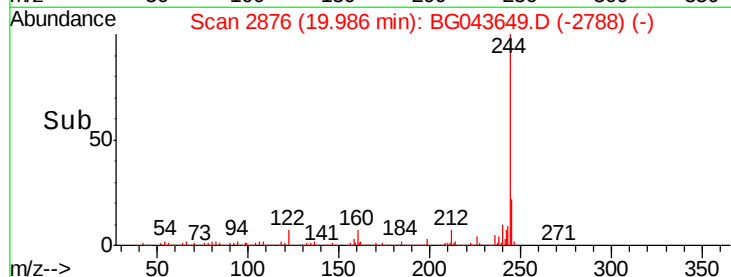
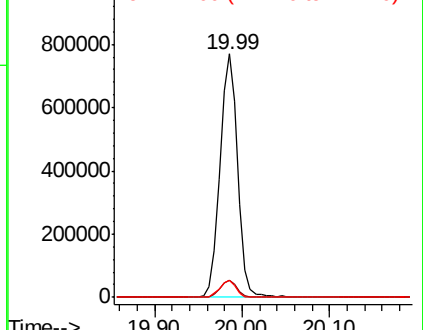


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.878 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

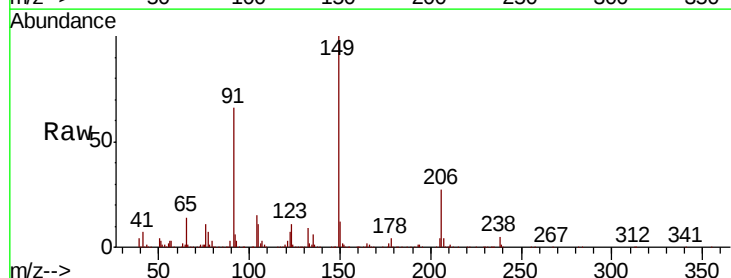
Tgt Ion:149 Resp: 241725

Ion	Ratio	Lower	Upper
149	100		
91	65.9	51.2	76.8
206	26.9	22.5	33.7

149 100

91 65.9 51.2 76.8

206 26.9 22.5 33.7

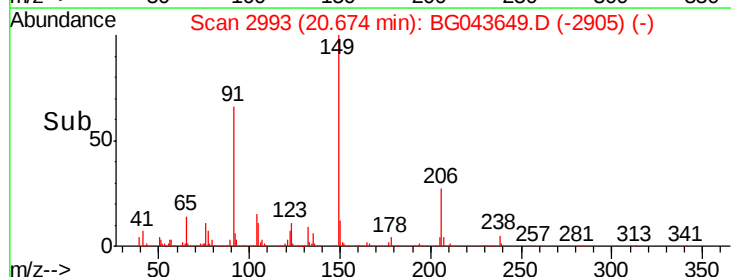
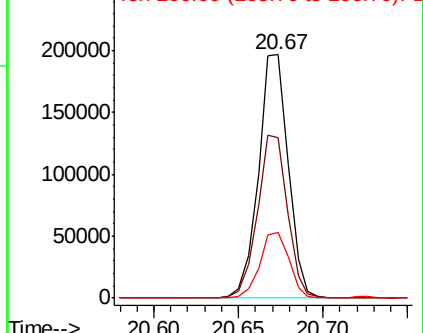


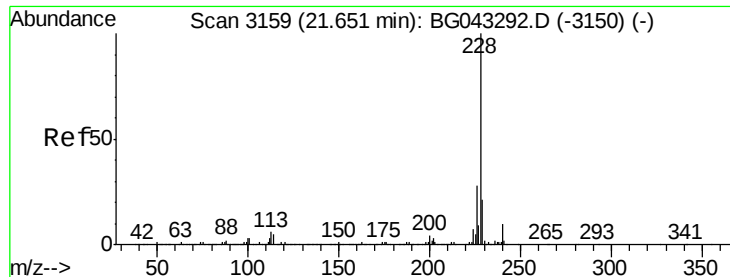
Abundance

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: 51.108 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

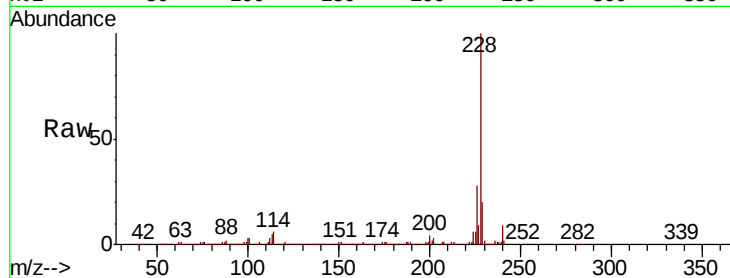
Tot Ion:228 Resp: 661588

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

229 20.1 17.0 25.4

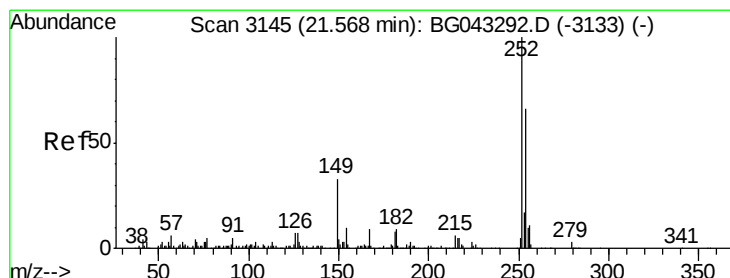
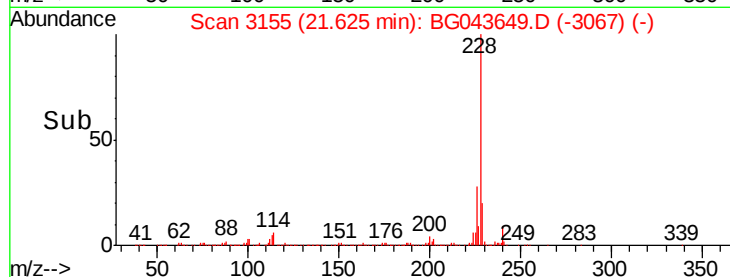
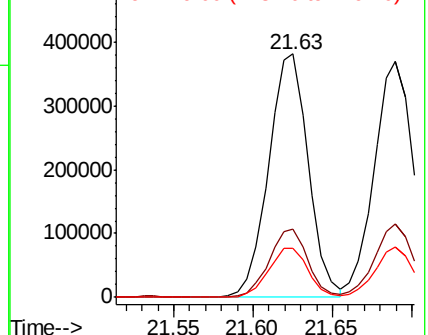


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.989 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

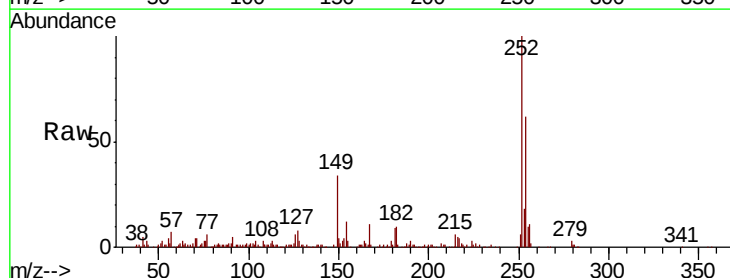
Tgt Ion:252 Resp: 190206

Ion Ratio Lower Upper

252 100

254 61.8 50.8 76.2

126 6.2 6.1 9.1

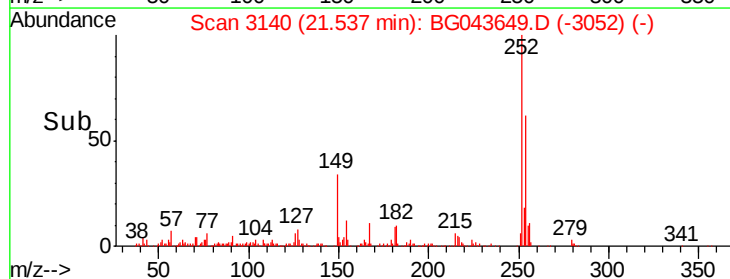
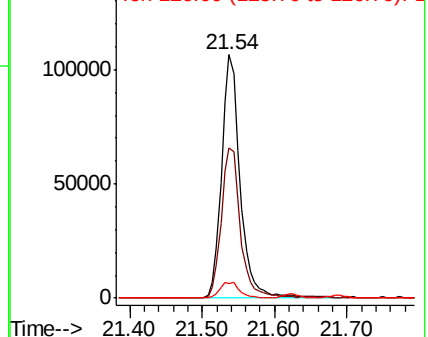


Abundance

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: 49.934 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

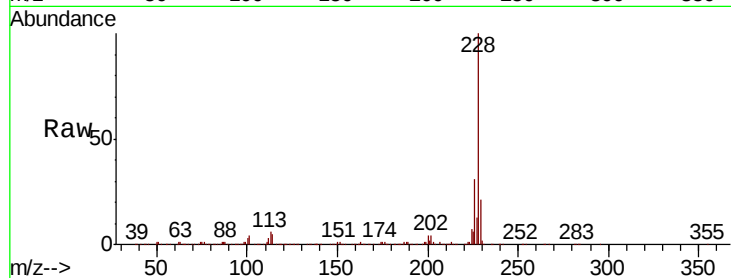
Tot Ion:228 Resp: 642245

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

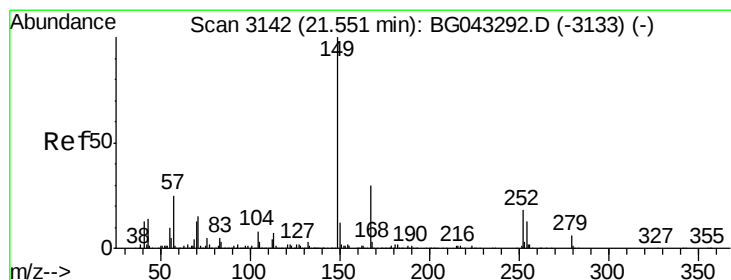
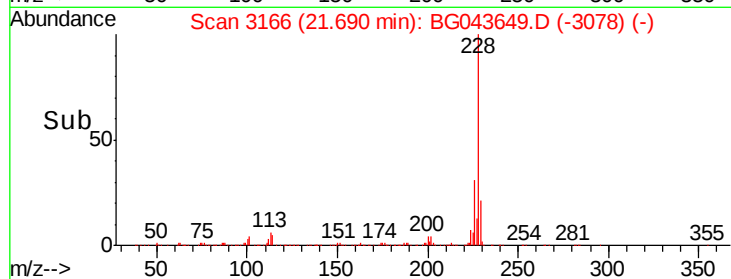
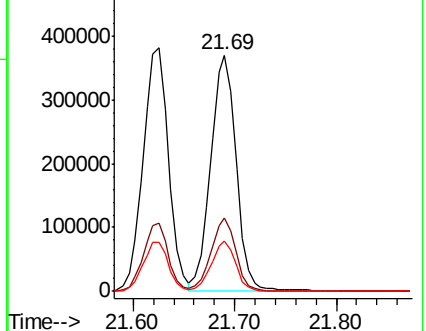
229 21.0 17.0 25.4



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: 51.420 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

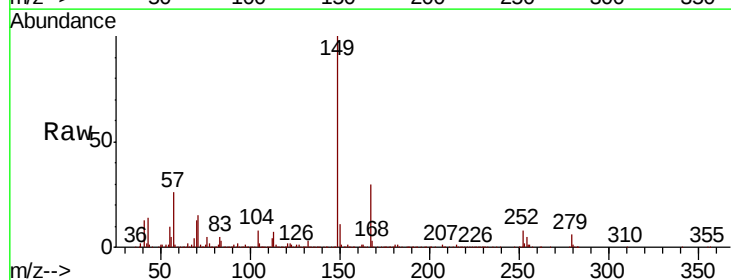
Tgt Ion:149 Resp: 353993

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

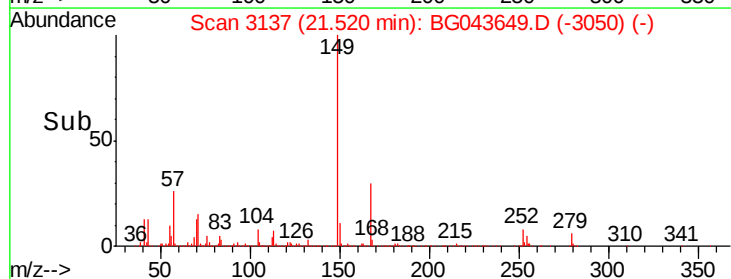
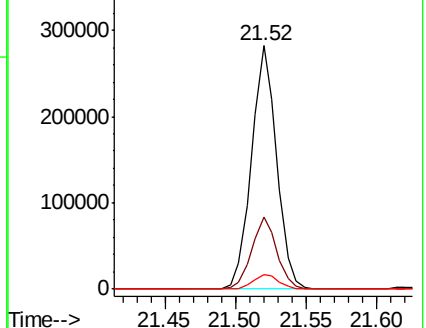
279 5.9 5.4 8.2

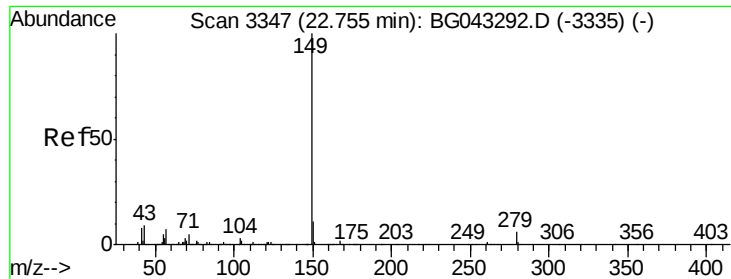


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

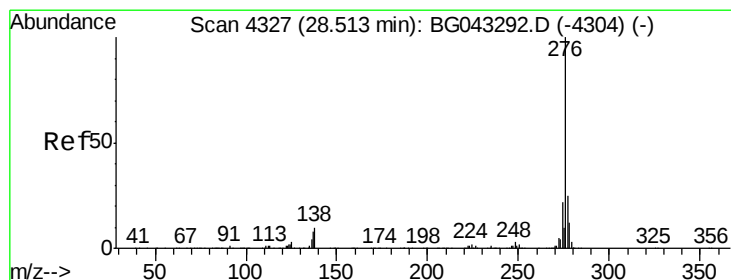
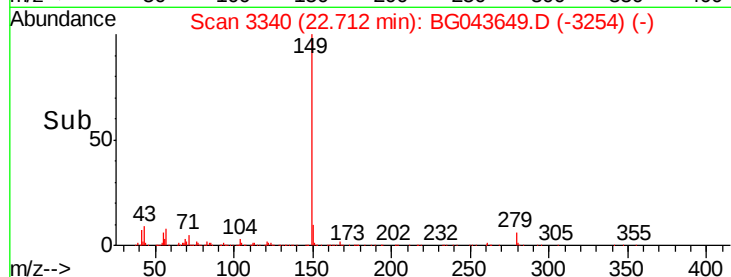
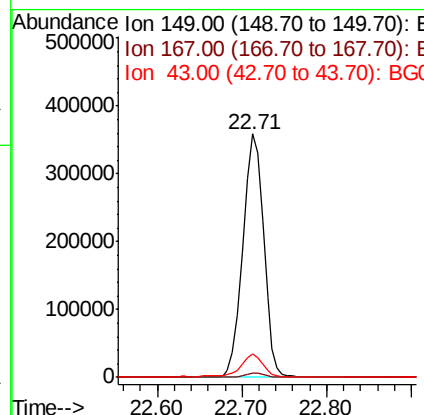
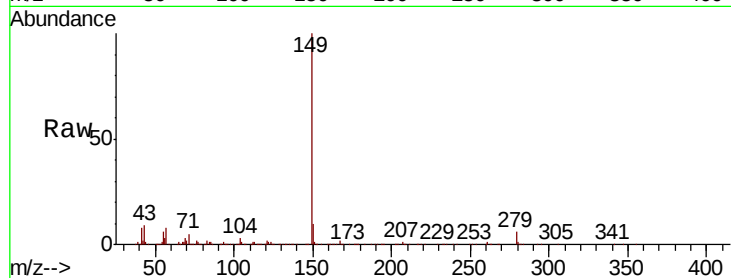




#85
Di-n-octyl phthalate
Concen: 52.264 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

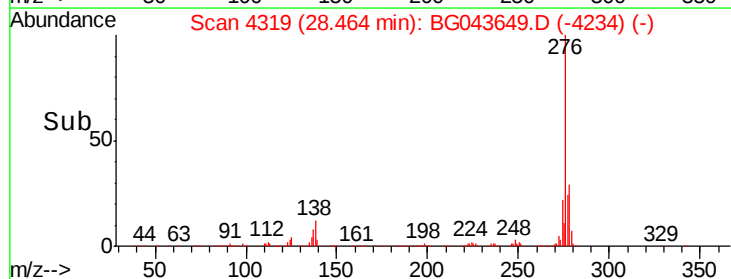
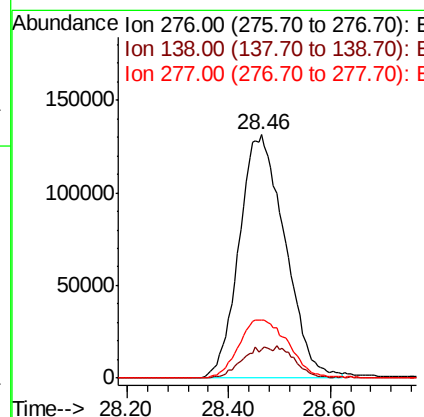
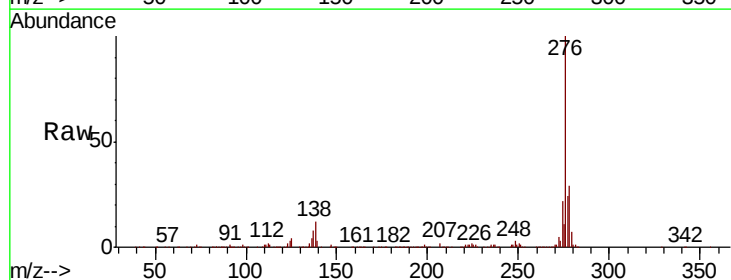
Instrument :
BNA_G
ClientSampleId :
PB124801BS

Tot Ion:149 Resp: 610423
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 9.3 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.032 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.03 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion:276 Resp: 823899
Ion Ratio Lower Upper
276 100
138 5.1 6.8 10.2#
277 25.9 20.9 31.3

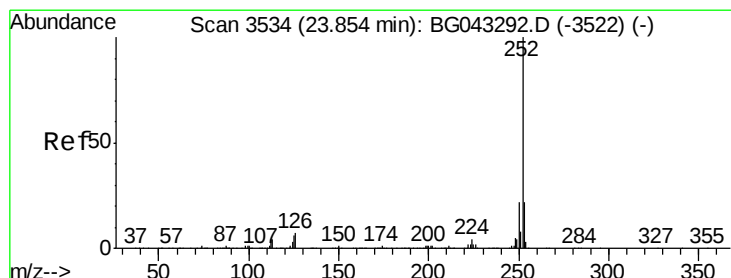
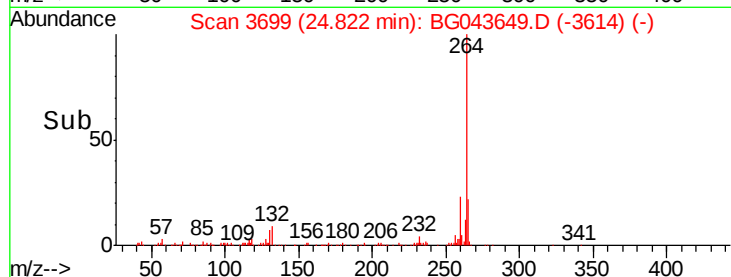
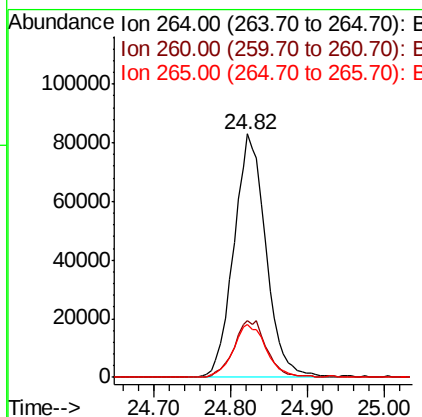
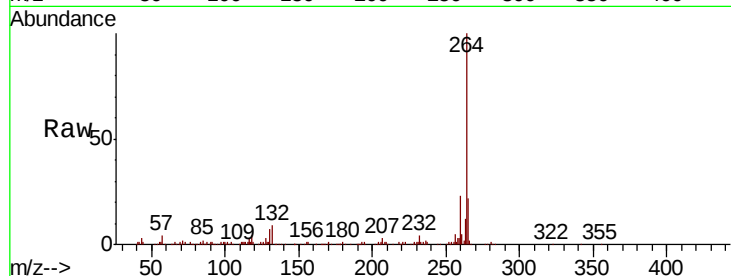




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.03 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

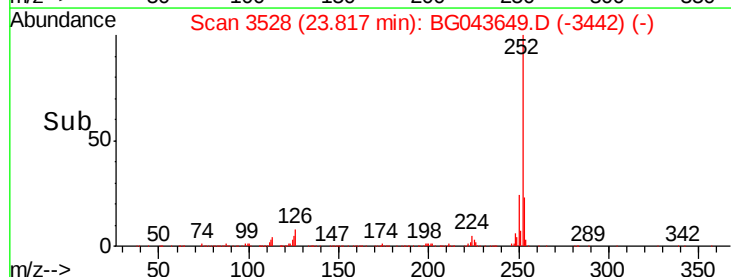
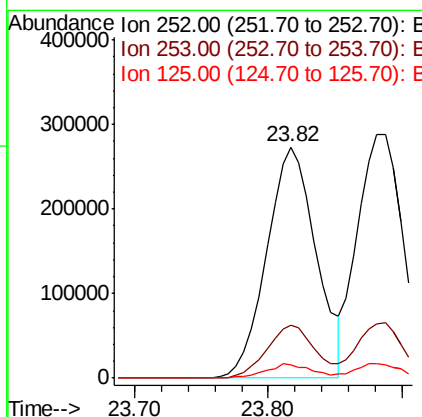
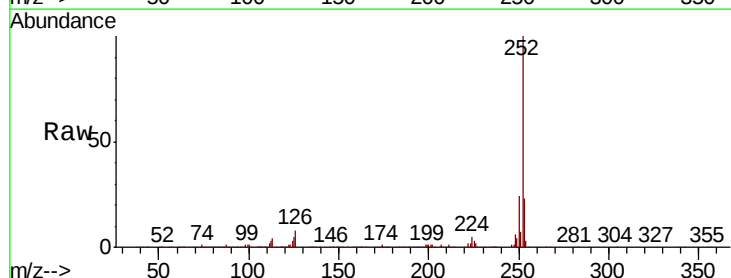
Instrument :
BNA_G
ClientSampleId :
PB124801BS

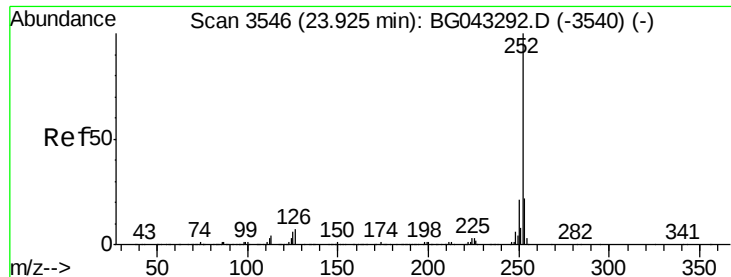
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.5	26.3
265	21.6	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 51.254 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BG043649.D
Acq: 15 Nov 2019 6:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	5.5	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 50.191 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

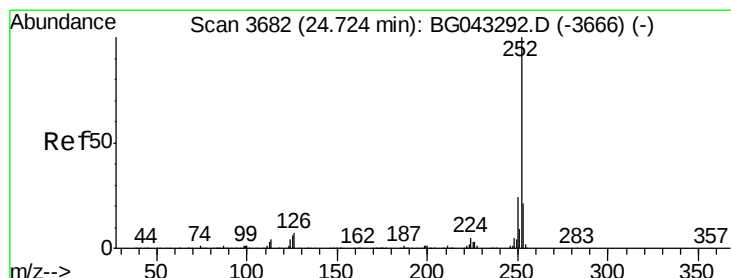
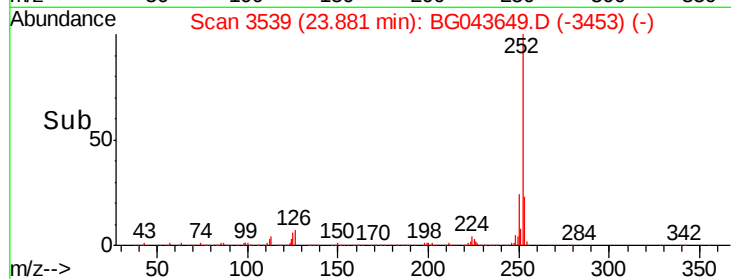
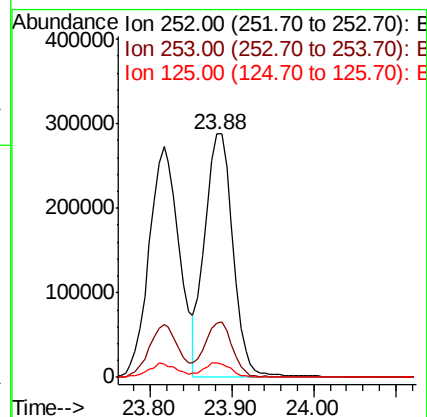
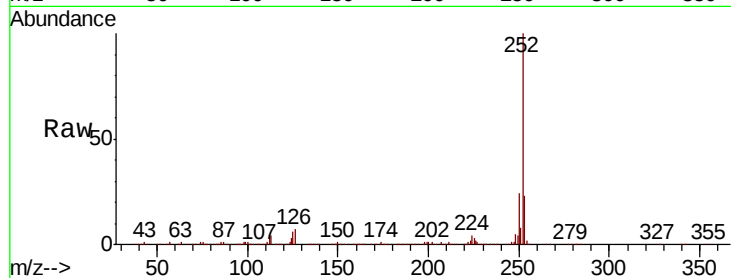
Tot Ion:252 Resp: 691490

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 5.8 4.6 6.8



#90

Benzo(a)pyrene

Concen: 49.002 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

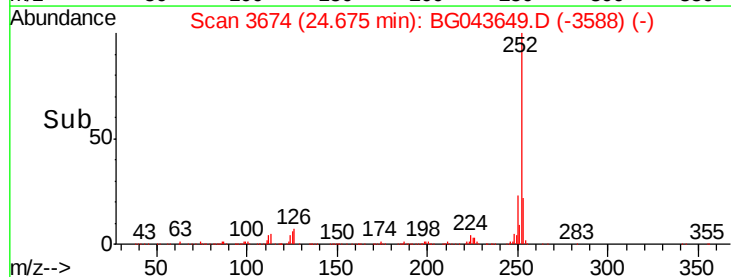
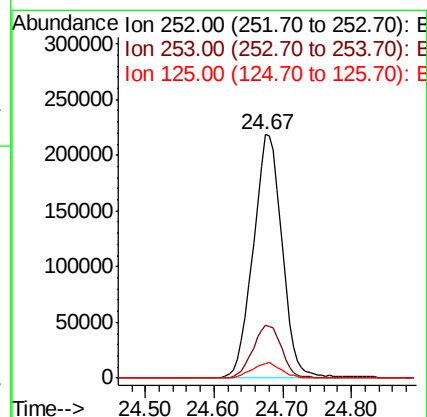
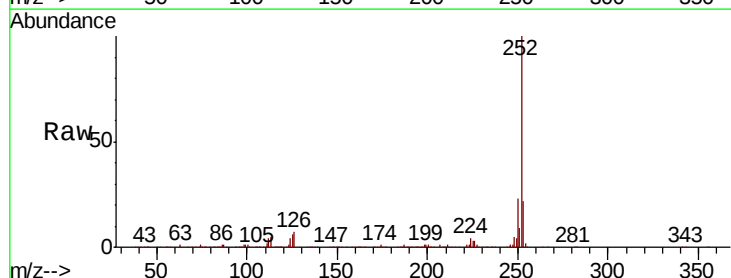
Tgt Ion:252 Resp: 640389

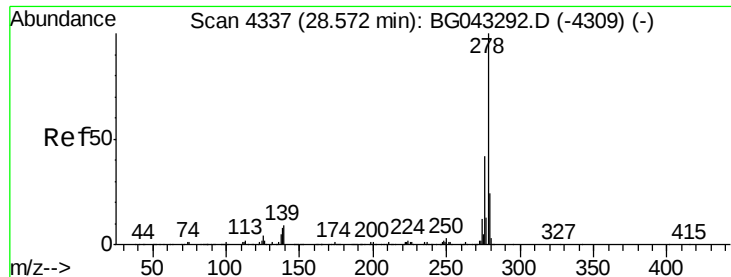
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 6.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 53.085 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.04 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

Instrument :

BNA_G

ClientSampleId :

PB124801BS

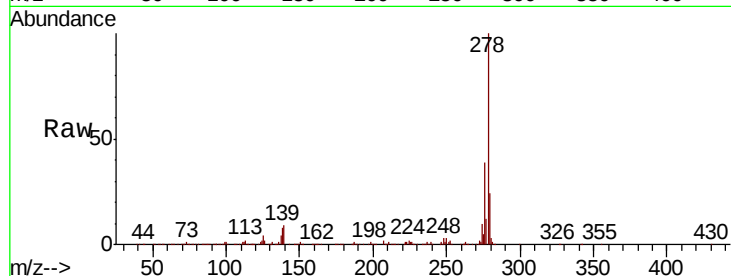
Tot Ion:278 Resp: 709597

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

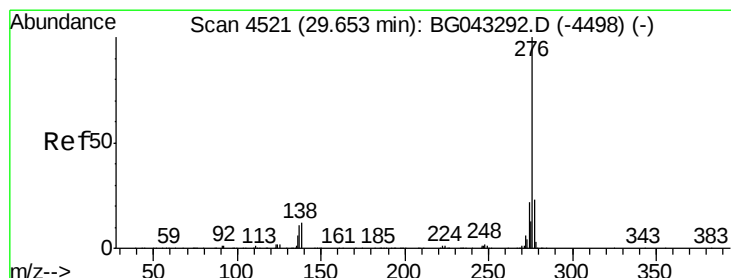
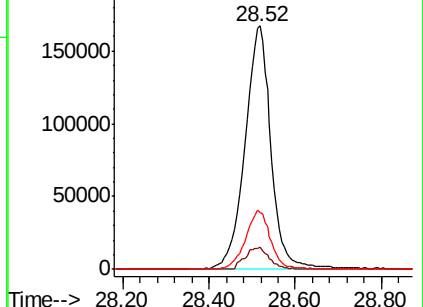
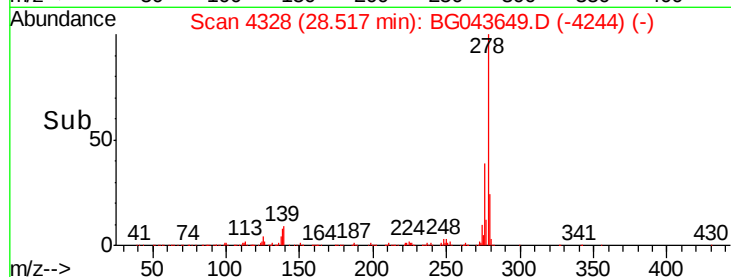
279 23.5 19.1 28.7



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: 51.748 ng

RT: 29.60 min Scan# 4512

Delta R.T. -0.03 min

Lab File: BG043649.D

Acq: 15 Nov 2019 6:59

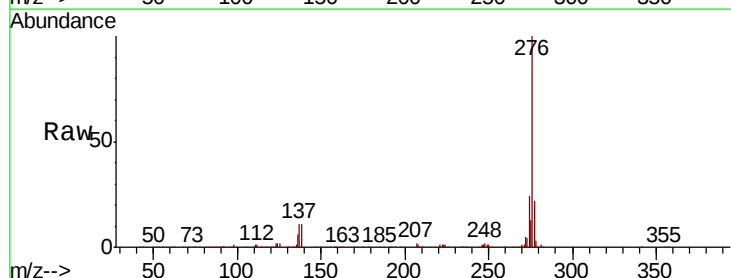
Tgt Ion:276 Resp: 682327

Ion Ratio Lower Upper

276 100

277 22.5 18.9 28.3

138 10.7 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

