

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043659.D
 Acq On : 15 Nov 2019 20:32
 Operator : JU
 Sample : PB124785BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

Quant Time: Nov 16 01:12:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26646	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	111055	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	87004	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	218059	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	249753	20.00	ng	-0.02
87) Perylene-d12	24.82	264	283800	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	113081	77.77	ng	0.00
7) Phenol-d6	7.19	99	156006	74.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	152441	70.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	108260	65.39	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	432957	68.76	ng	-0.02
79) Terphenyl-d14	19.98	244	894331	67.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	19685	34.739	ng	# 94
3) Pyridine	3.85	79	48519	33.943	ng	90
4) n-Nitrosodimethylamine	3.76	42	30271	41.967	ng	85
6) Aniline	7.32	93	83852	34.792	ng	100
8) 2-Chlorophenol	7.57	128	73236	45.625	ng	98
9) Benzaldehyde	7.13	77	35920	34.936	ng	94
10) Phenol	7.22	94	89549	46.841	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	54783	37.064	ng	99
12) 1,3-Dichlorobenzene	7.88	146	77270	38.421	ng	99
13) 1,4-Dichlorobenzene	8.02	146	78710	38.682	ng	97
14) 1,2-Dichlorobenzene	8.35	146	75858	38.182	ng	99
15) Benzyl Alcohol	8.24	79	66084	44.976	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80709	37.552	ng	98
17) 2-Methylphenol	8.46	107	64873	46.548	ng	97
18) Hexachloroethane	9.08	117	26831	36.548	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	53588	39.639	ng	# 87
20) 3+4-Methylphenols	8.79	107	86813	45.426	ng	98
22) Acetophenone	8.82	105	105803	37.202	ng	# 91
24) Nitrobenzene	9.20	77	83844	40.859	ng	# 96
25) Isophorone	9.72	82	154789	39.303	ng	100
26) 2-Nitrophenol	9.91	139	42416	42.814	ng	# 94
27) 2,4-Dimethylphenol	9.99	122	75701	53.313	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	84156	38.717	ng	98
29) 2,4-Dichlorophenol	10.47	162	81573	44.837	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	85182	37.149	ng	95
31) Naphthalene	10.84	128	226602	40.198	ng	99
32) Benzoic acid	10.17	122	26915	29.194	ng	93
33) 4-Chloroaniline	10.97	127	57586	24.921	ng	92
34) Hexachlorobutadiene	11.13	225	59911	35.345	ng	99
35) Caprolactam	11.73	113	10069	16.070	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	91681	46.199	ng	91
37) 2-Methylnaphthalene	12.45	142	180061	41.630	ng	98
38) 1-Methylnaphthalene	12.67	142	169981	41.304	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	117801	36.585	ng	99

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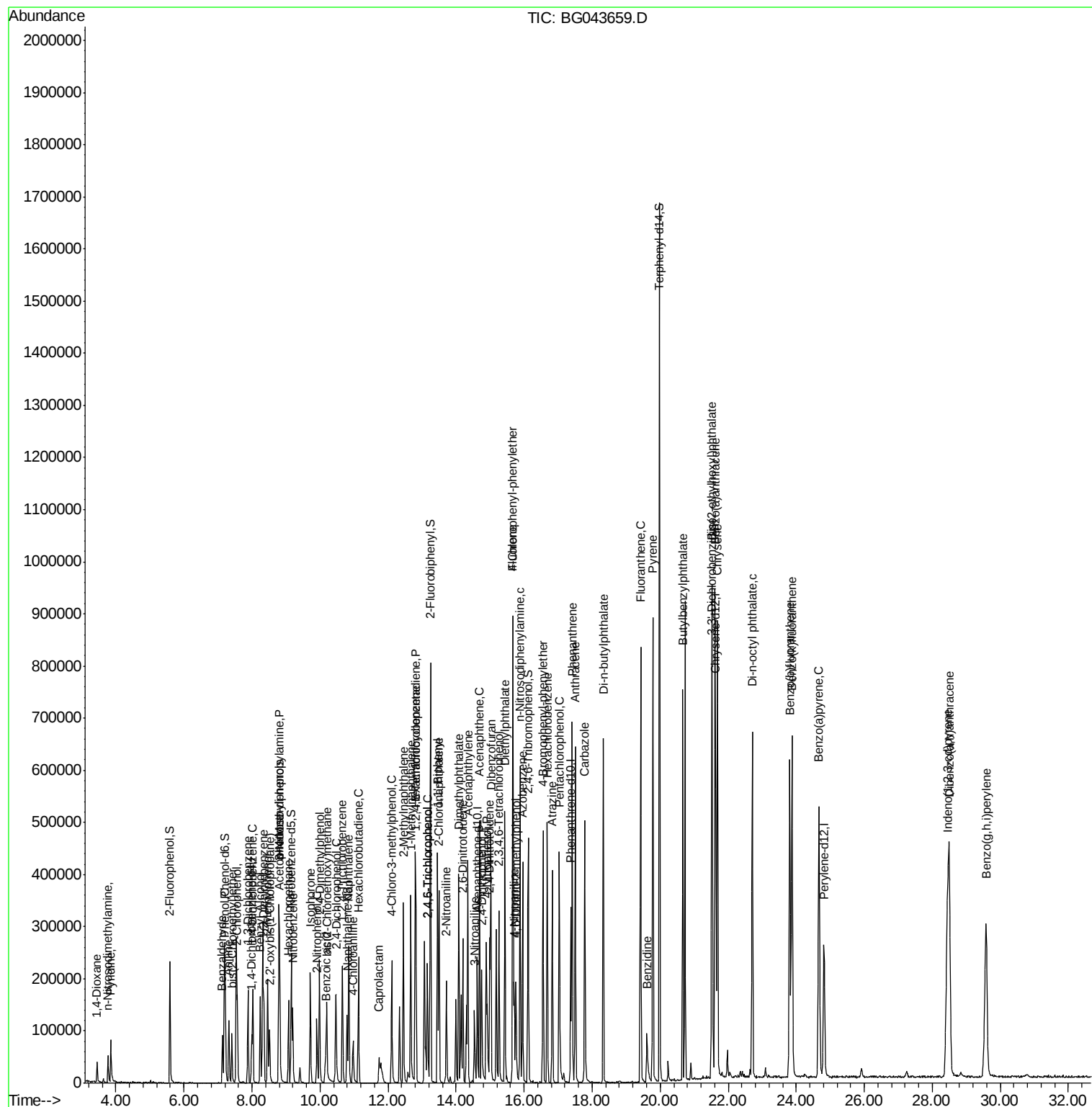
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	116593	68.932	nq	99
43) 2,4,6-Trichlorophenol	13.16	196	80376	42.387	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	80376	41.927	nq	97
46) 1,1'-Biphenyl	13.46	154	248551	37.552	nq	97
47) 2-Chloronaphthalene	13.50	162	191643	38.054	nq	98
48) 2-Nitroaniline	13.71	65	60094	39.925	nq	97
49) Acenaphthylene	14.35	152	321134	40.972	nq	100
50) Dimethylphthalate	14.08	163	271100	40.228	nq	99
51) 2,6-Dinitrotoluene	14.20	165	60833	41.551	nq	96
52) Acenaphthene	14.69	154	190754	39.908	nq	97
53) 3-Nitroaniline	14.54	138	43110	30.499	nq	# 94
54) 2,4-Dinitrophenol	14.75	184	65632	72.537	nq	96
55) Dibenzofuran	15.03	168	317477	40.958	nq	99
56) 4-Nitrophenol	14.89	139	82175	86.752	nq	94
57) 2,4-Dinitrotoluene	14.99	165	88140	42.126	nq	# 98
58) Fluorene	15.67	166	267132	41.090	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	83339	40.917	nq	96
60) Diethylphthalate	15.44	149	277259	40.946	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	153192	40.393	nq	98
62) 4-Nitroaniline	15.71	138	64795	44.386	nq	98
63) Azobenzene	15.96	77	226407	41.314	nq	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	54863	42.752	nq	93
66) n-Nitrosodiphenylamine	15.88	169	242972	39.467	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	110705	37.724	nq	98
68) Hexachlorobenzene	16.68	284	121376	36.032	nq	97
69) Atrazine	16.83	200	94757	44.295	nq	96
70) Pentachlorophenol	17.04	266	111527	72.660	nq	98
71) Phenanthrene	17.41	178	435178	38.973	nq	100
72) Anthracene	17.51	178	455586	40.779	nq	98
73) Carbazole	17.78	167	417629	41.279	nq	98
74) Di-n-butylphthalate	18.33	149	491340	40.025	nq	98
75) Fluoranthene	19.43	202	597823	41.067	nq	100
77) Benzidine	19.61	184	108105	21.508	nq	99
78) Pyrene	19.79	202	617214	39.925	nq	99
80) Butylbenzylphthalate	20.67	149	229029	39.104	nq	96
81) Benzo(a)anthracene	21.62	228	621129	39.703	nq	98
82) 3,3'-Dichlorobenzidine	21.53	252	214505	35.450	nq	96
83) Chrysene	21.68	228	616329	39.651	nq	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	338149	40.643	nq	98
85) Di-n-octyl phthalate	22.71	149	578991	41.019	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	800678	41.036	nq	99
88) Benzo(b)fluoranthene	23.81	252	661322	41.144	nq	99
89) Benzo(k)fluoranthene	23.88	252	681875	42.140	nq	100
90) Benzo(a)pyrene	24.67	252	658791	42.921	nq	100
91) Dibenzo(a,h)anthracene	28.50	278	681410	43.402	nq	99
92) Benzo(g,h,i)perylene	29.59	276	660822	42.671	nq	99

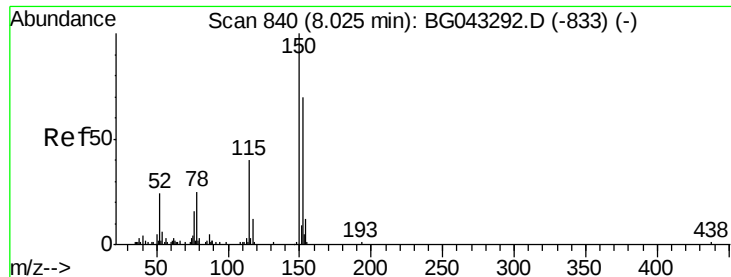
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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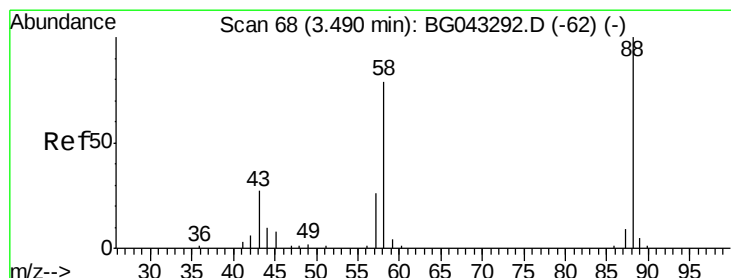
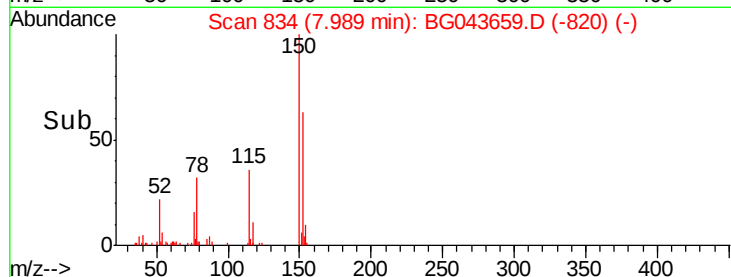
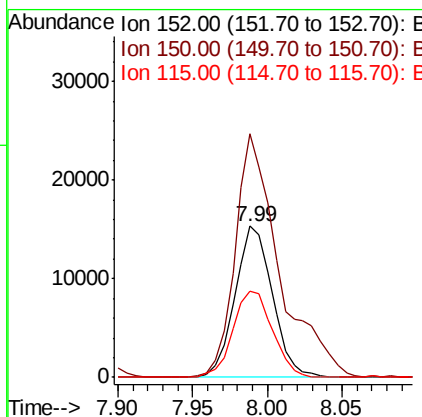
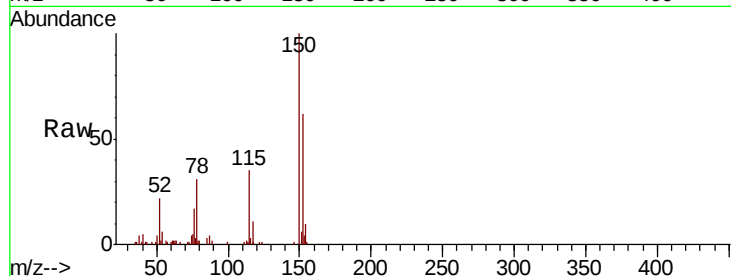


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
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ClientSampleId :
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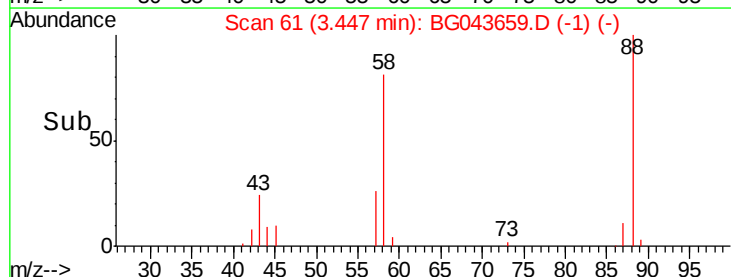
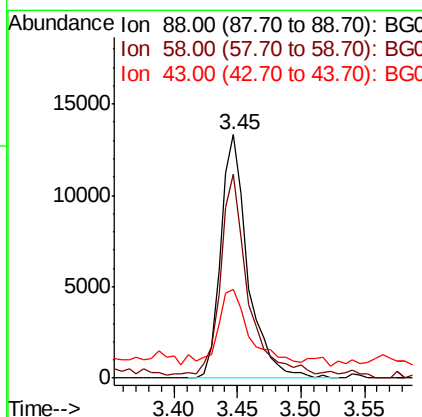
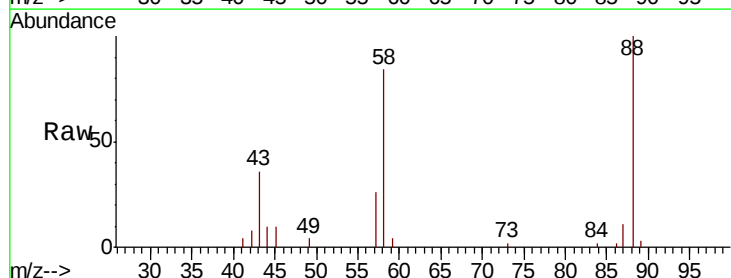
Tot Ion:152 Resp: 26646
Ion Ratio Lower Upper
152 100
150 160.9 129.4 194.0
115 57.1 48.8 73.2

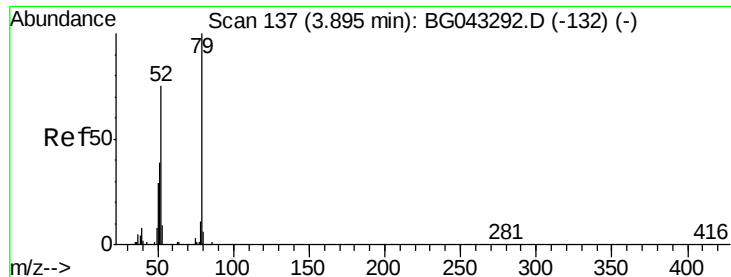


#2

1,4-Dioxane
Concen: 34.739 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion: 88 Resp: 19685
Ion Ratio Lower Upper
88 100
58 81.0 62.7 94.1
43 37.3 23.7 35.5#





#3

Pvridine

Concen: 33.943 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

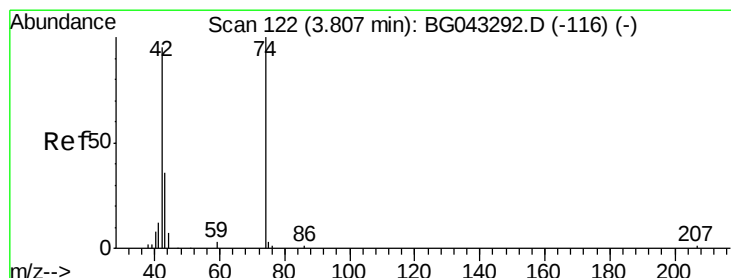
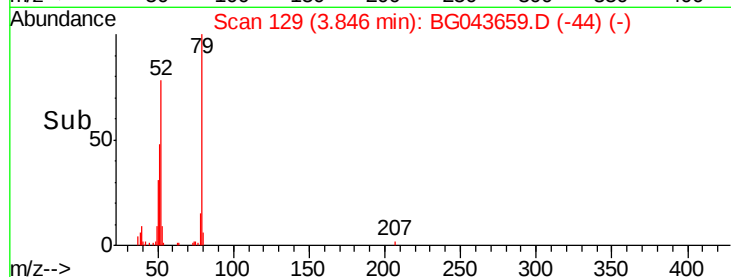
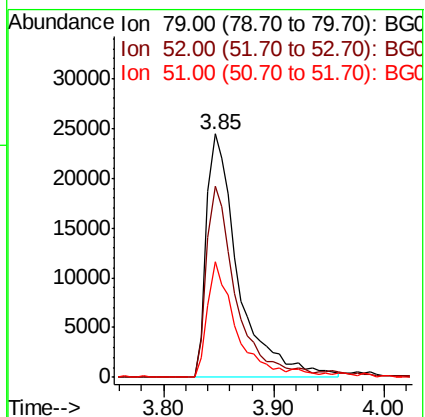
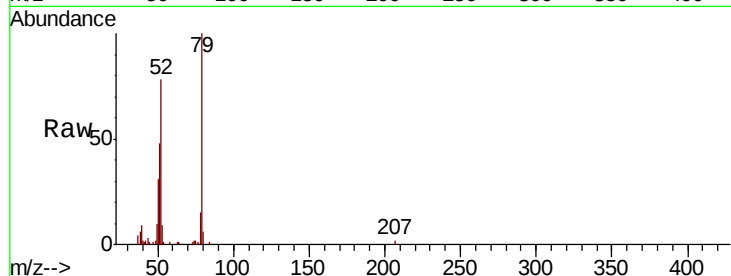
Tot Ion: 79 Resp: 48519

Ion Ratio Lower Upper

79 100

52 78.4 56.5 84.7

51 47.5 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 41.967 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

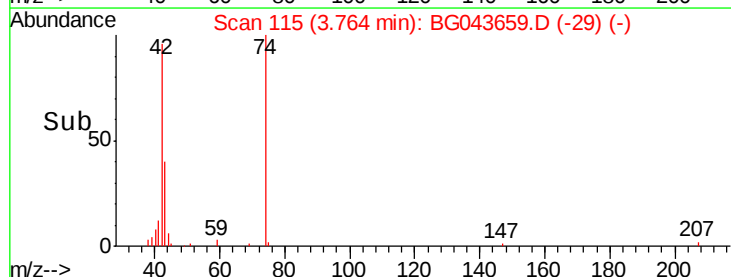
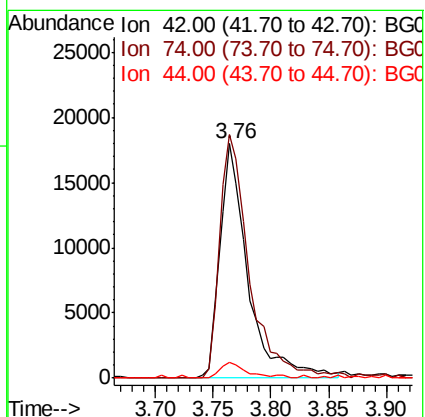
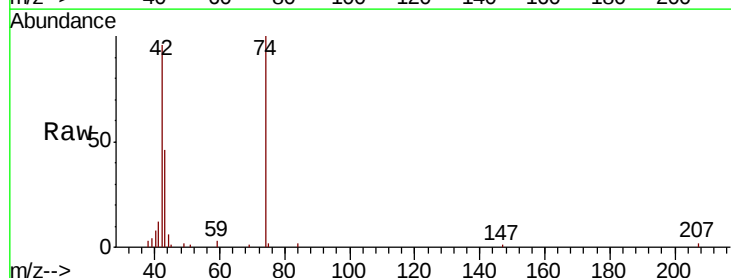
Tgt Ion: 42 Resp: 30271

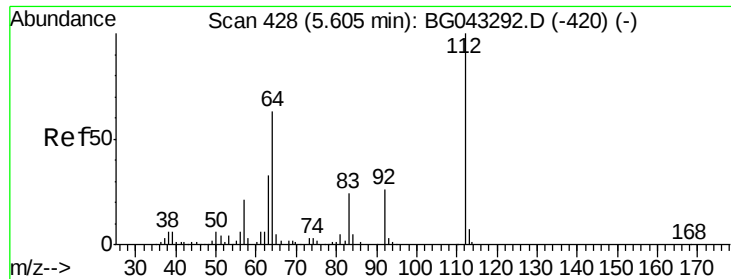
Ion Ratio Lower Upper

42 100

74 103.8 97.3 145.9

44 6.5 4.4 6.6





#5

2-Fluorophenol

Concen: 77.766 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

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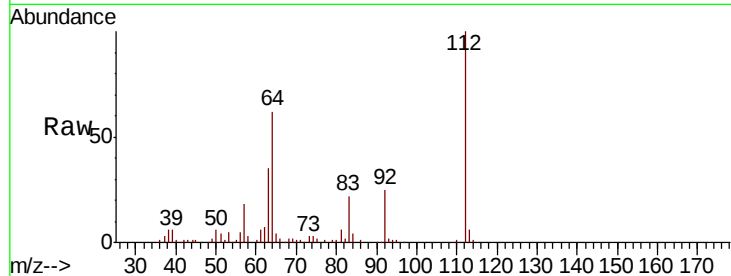
Tot Ion:112 Resp: 113081

Ion Ratio Lower Upper

112 100

64 62.2 50.0 75.0

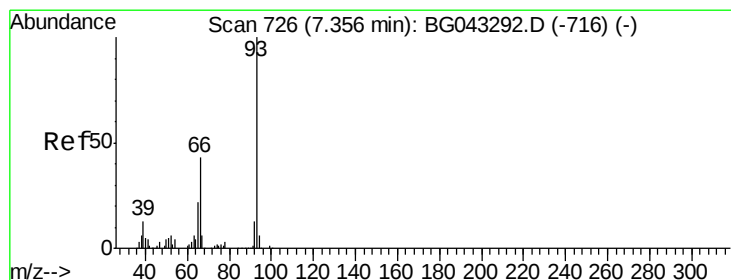
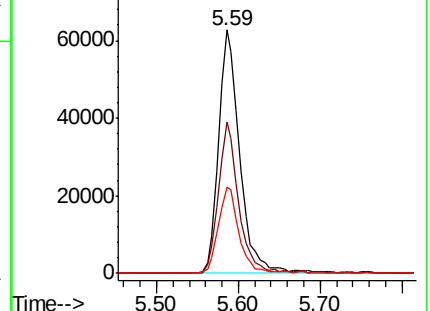
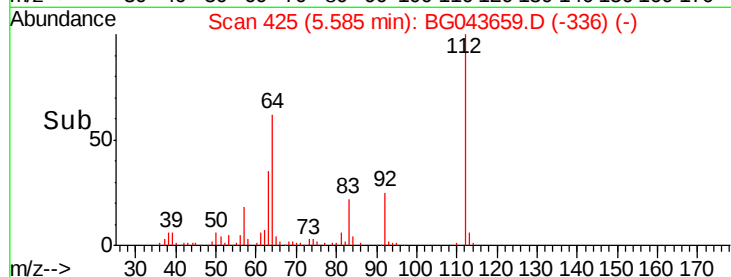
63 35.3 26.6 40.0



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: 34.792 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

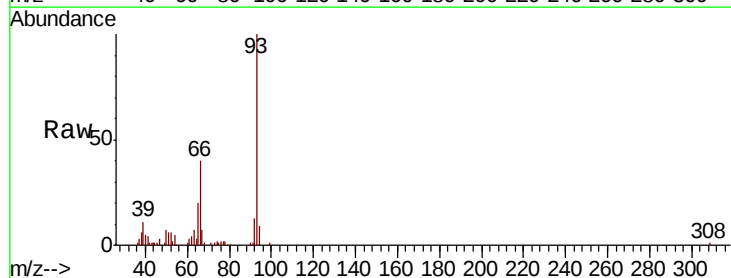
Tgt Ion: 93 Resp: 83852

Ion Ratio Lower Upper

93 100

66 40.4 32.3 48.5

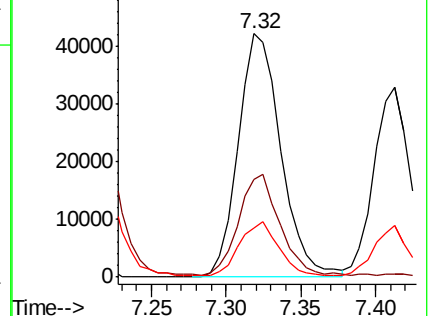
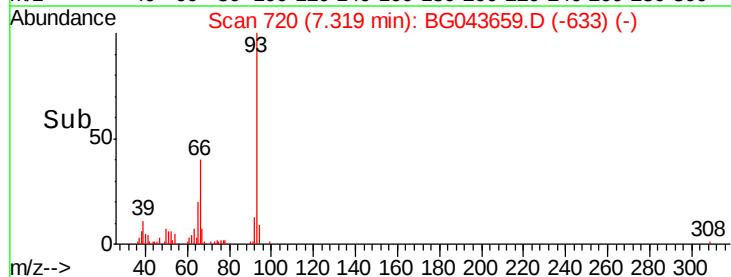
65 20.0 16.1 24.1

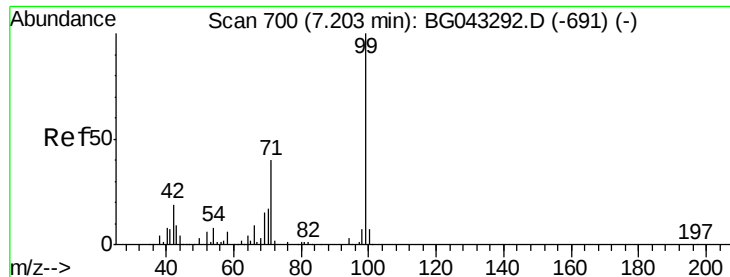


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.568 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043659.D

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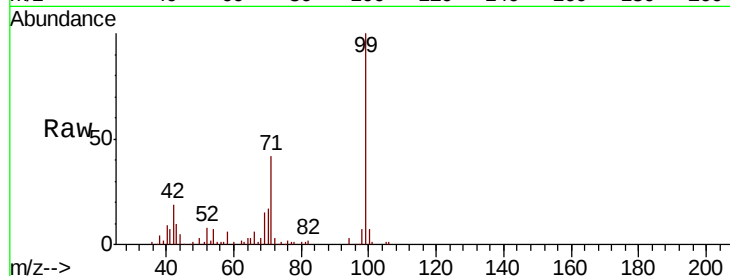
Tot Ion: 99 Resp: 156006

Ion Ratio Lower Upper

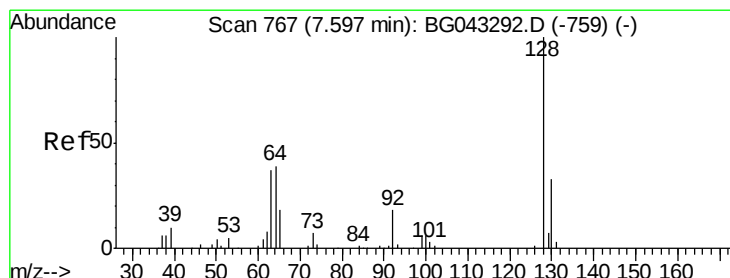
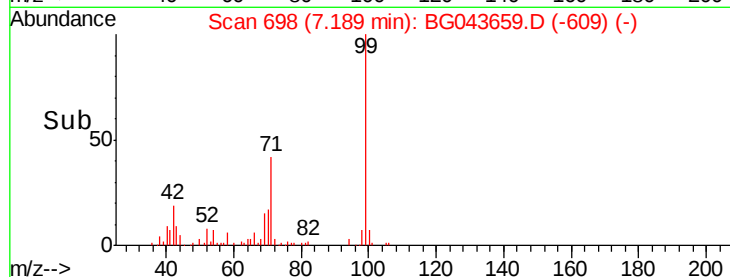
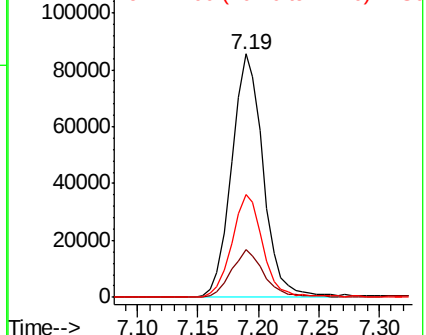
99 100

42 19.5 14.6 21.8

71 42.0 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: 45.625 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

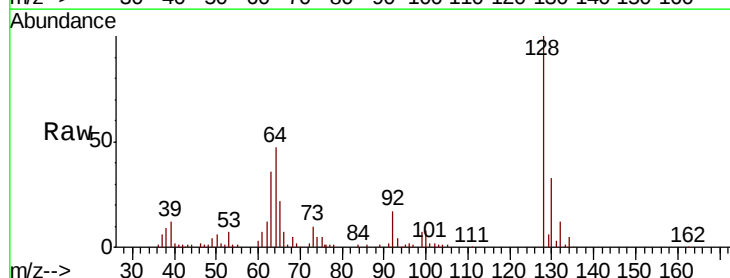
Tgt Ion: 128 Resp: 73236

Ion Ratio Lower Upper

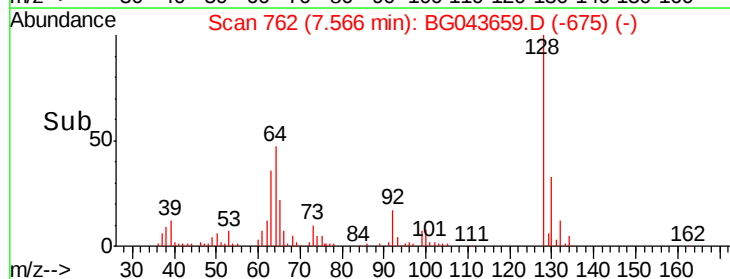
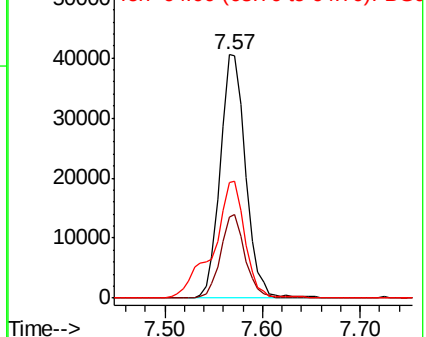
128 100

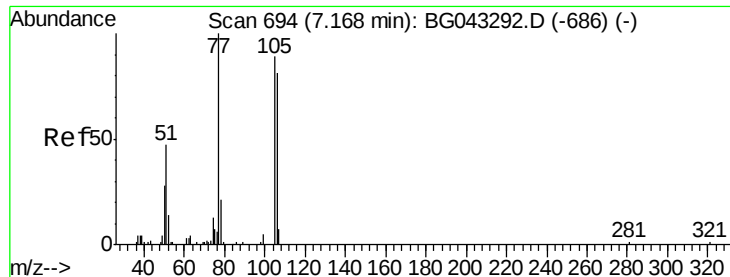
130 33.2 12.5 52.5

64 47.2 25.3 65.3



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





#9

Benzaldehyde

Concen: 34.936 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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Acq: 15 Nov 2019 20:32

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ClientSampleId :

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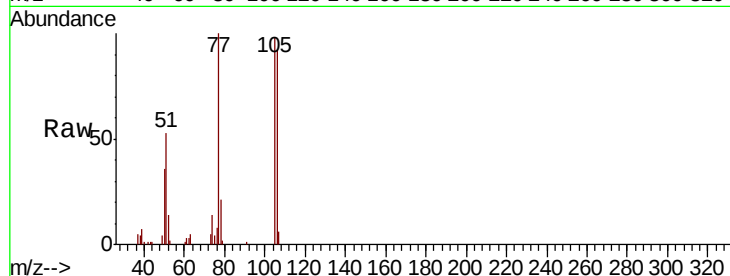
Tot Ion: 77 Resp: 35920

Ion Ratio Lower Upper

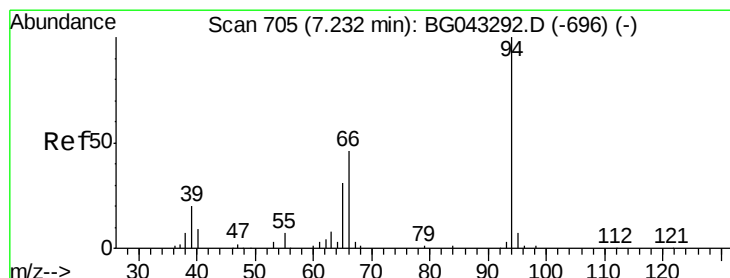
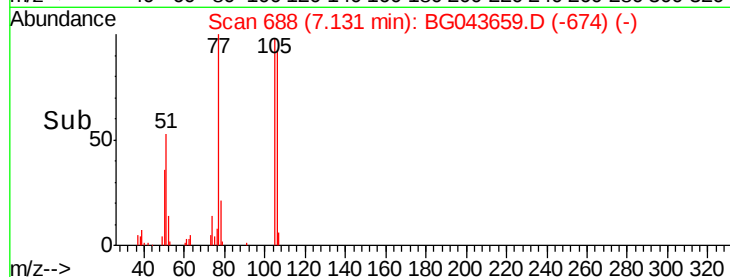
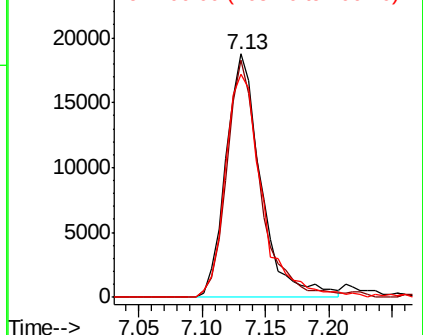
77 100

105 97.5 68.6 108.6

106 91.6 69.9 109.9



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



#10

Phenol

Concen: 46.841 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

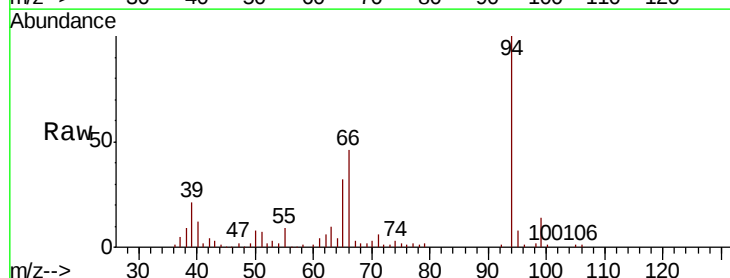
Tgt Ion: 94 Resp: 89549

Ion Ratio Lower Upper

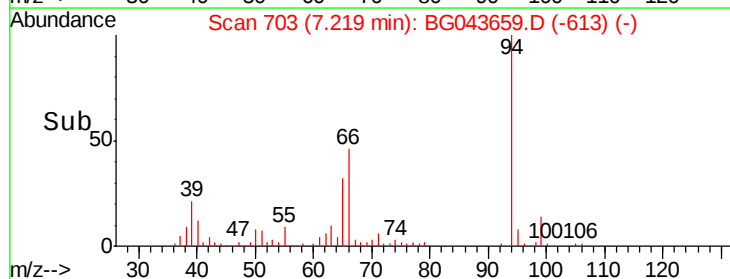
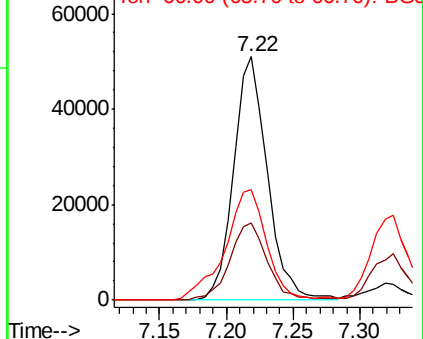
94 100

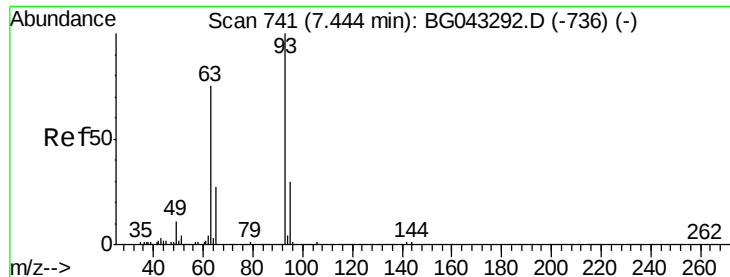
65 31.8 12.6 52.6

66 45.5 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

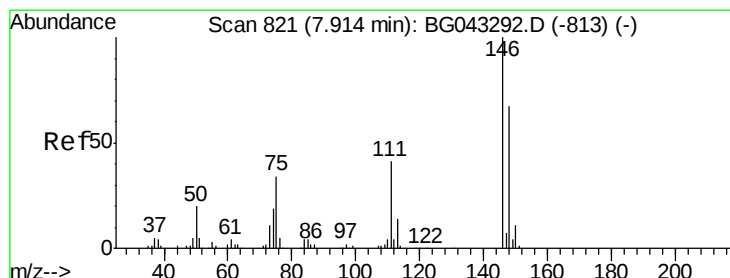
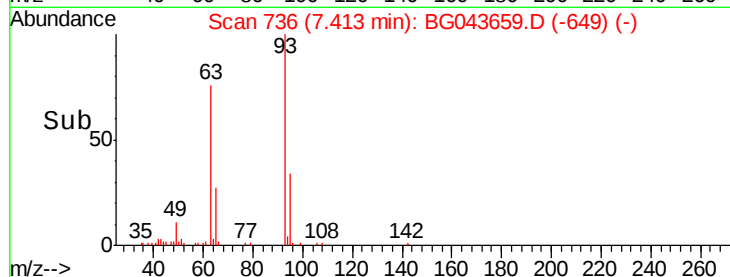
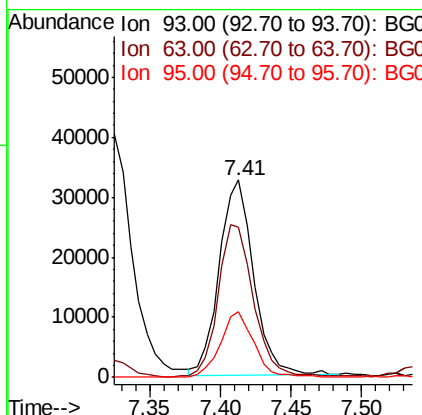
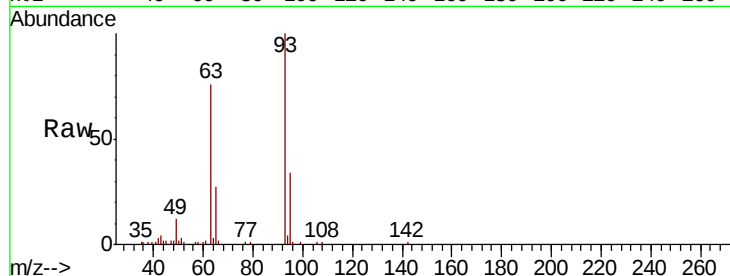




#11
 bis(2-Chloroethyl)ether
 Concen: 37.064 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

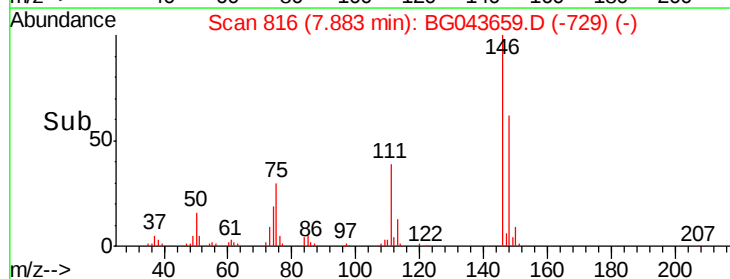
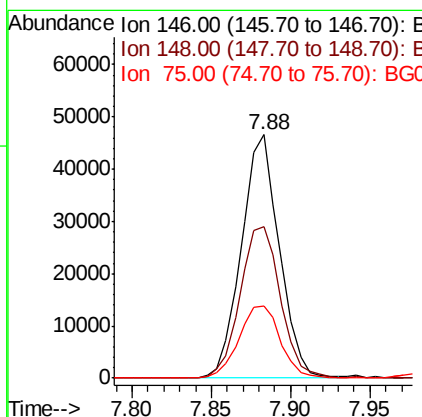
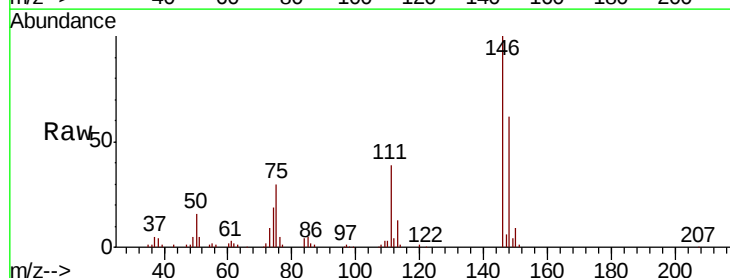
Instrument :
 BNA_G
 ClientSampled :
 PB124785BS

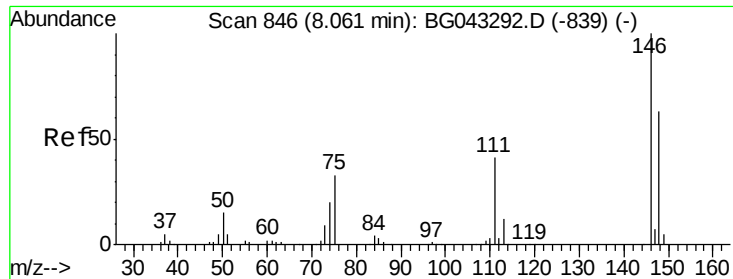
Tot Ion: 93 Resp: 54783
 Ion Ratio Lower Upper
 93 100
 63 76.5 56.3 96.3
 95 33.5 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 38.421 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion: 146 Resp: 77270
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.3 75.5
 75 29.5 24.6 37.0

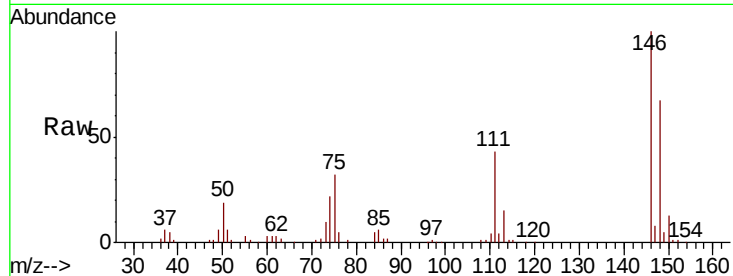




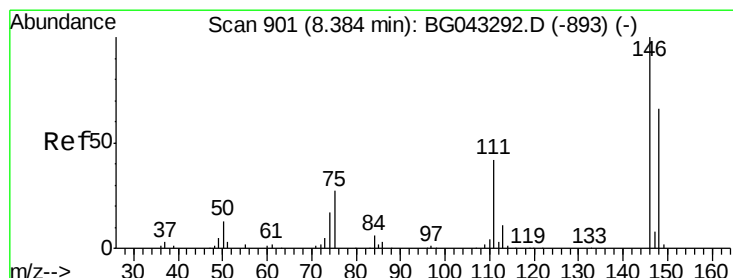
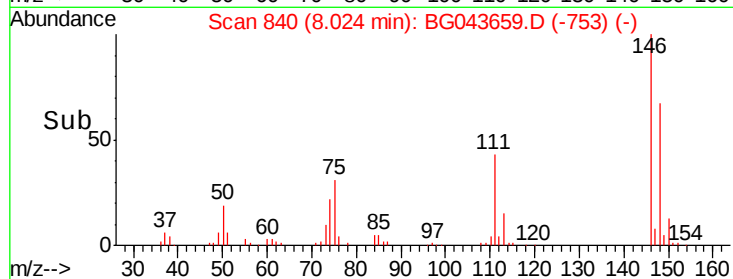
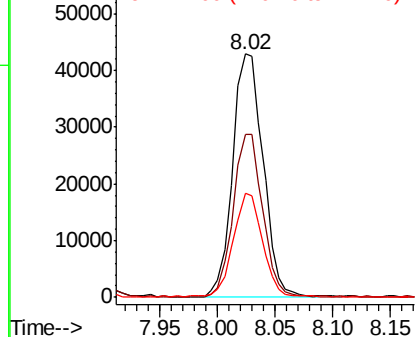
#13
 1,4-Dichlorobenzene
 Concen: 38.682 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

Tot Ion:146 Resp: 78710
 Ion Ratio Lower Upper
 146 100
 148 66.9 50.7 76.1
 111 42.8 33.4 50.2

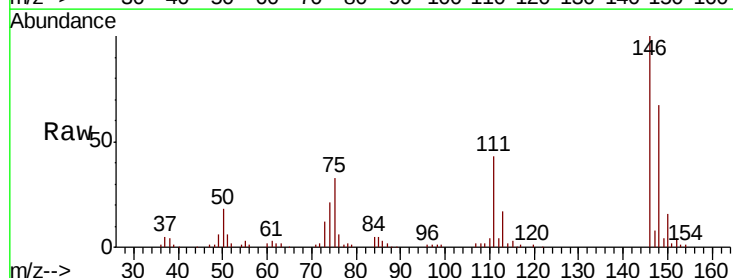


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

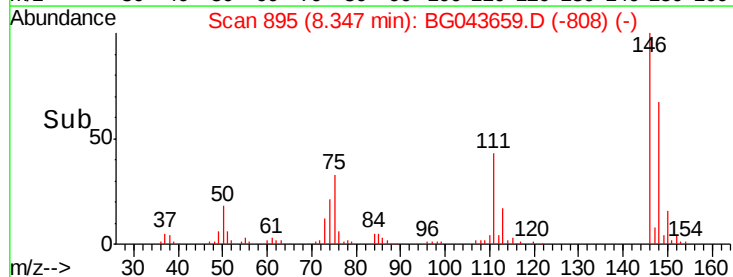
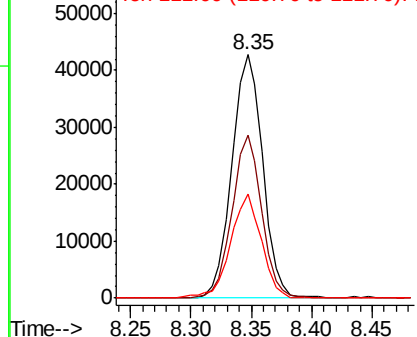


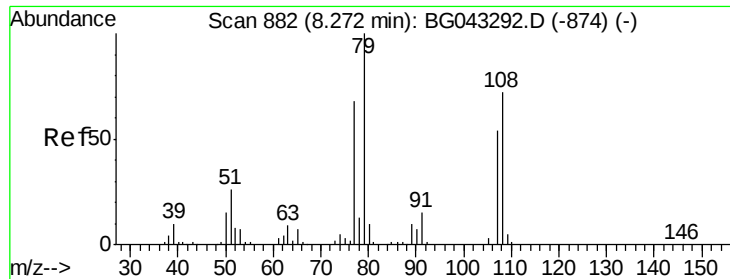
#14
 1,2-Dichlorobenzene
 Concen: 38.182 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion:146 Resp: 75858
 Ion Ratio Lower Upper
 146 100
 148 66.7 53.2 79.8
 111 42.9 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

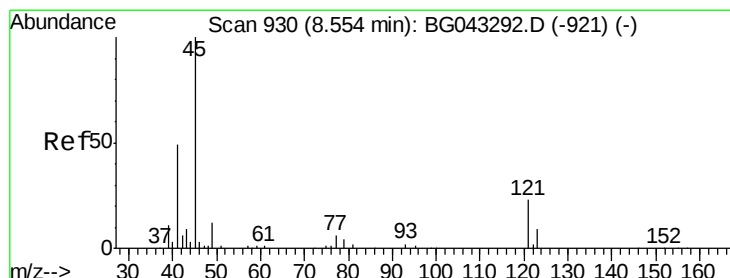
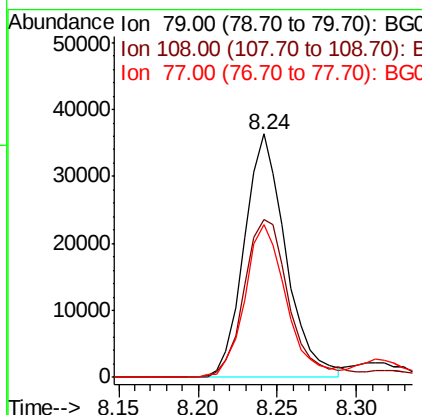
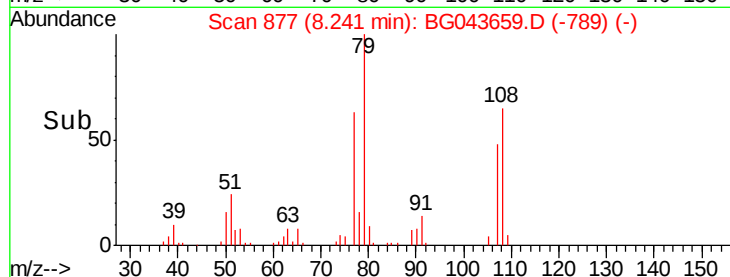
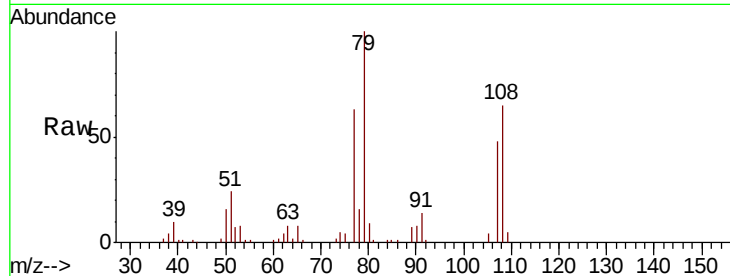




#15
Benzyl Alcohol
Concen: 44.976 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

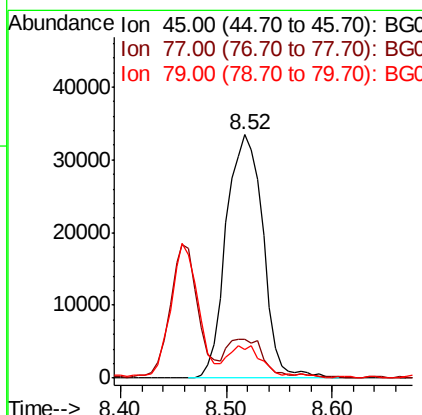
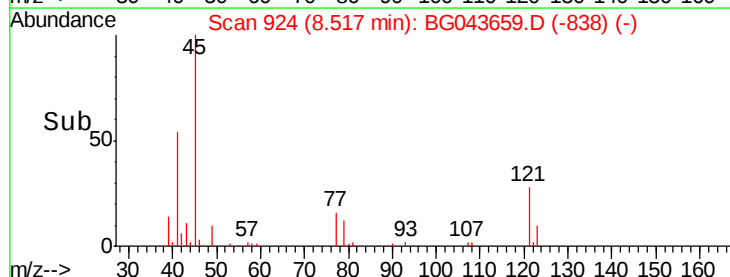
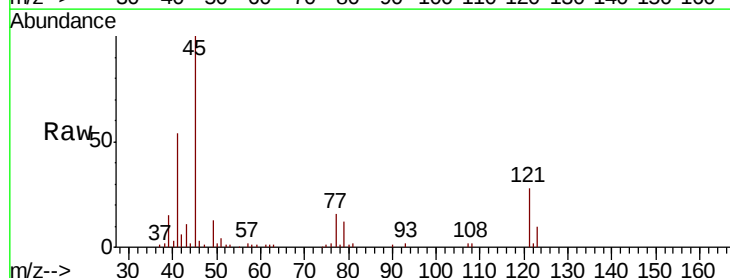
Instrument :
BNA_G
ClientSampleId :
PB124785BS

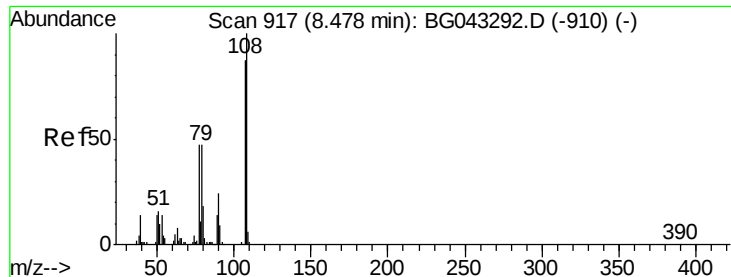
Tot Ion: 79 Resp: 66084
Ion Ratio Lower Upper
79 100
108 65.1 53.6 80.4
77 62.7 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.552 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion: 45 Resp: 80709
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.9
79 11.9 0.0 33.0





#17

2-Methylphenol

Concen: 46.548 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

Tot Ion:107 Resp: 64873

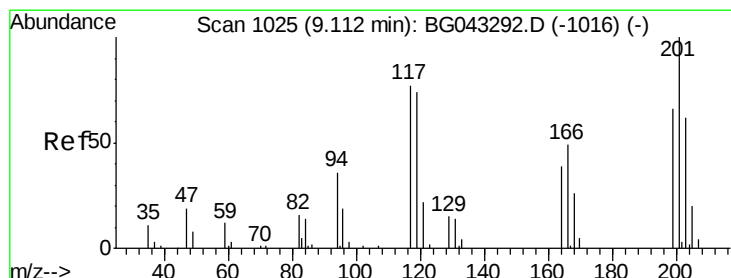
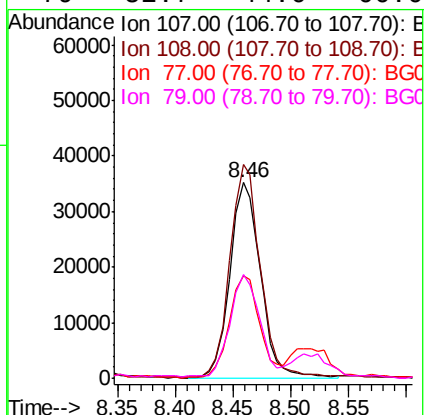
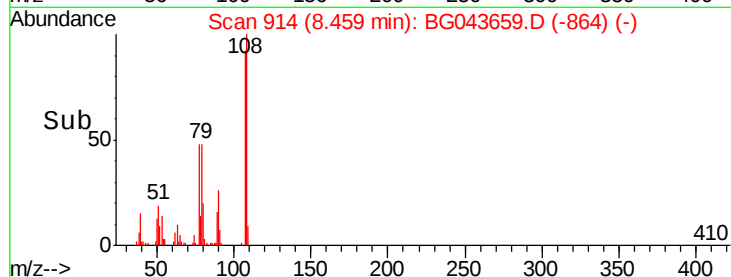
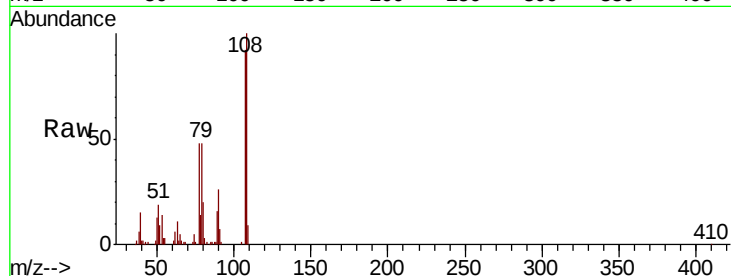
Ion Ratio Lower Upper

107 100

108 109.1 90.2 135.4

77 52.2 40.2 60.2

79 52.7 44.0 66.0



#18

Hexachloroethane

Concen: 36.548 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

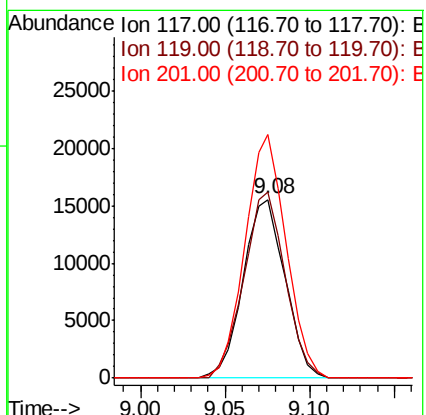
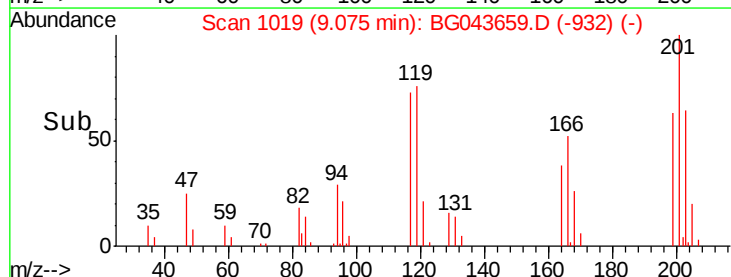
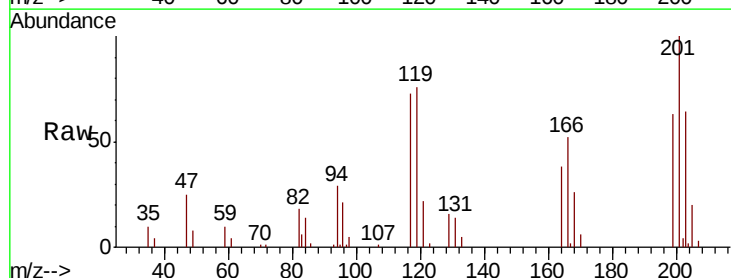
Tgt Ion:117 Resp: 26831

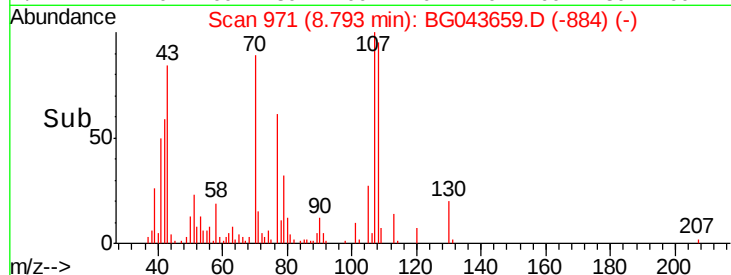
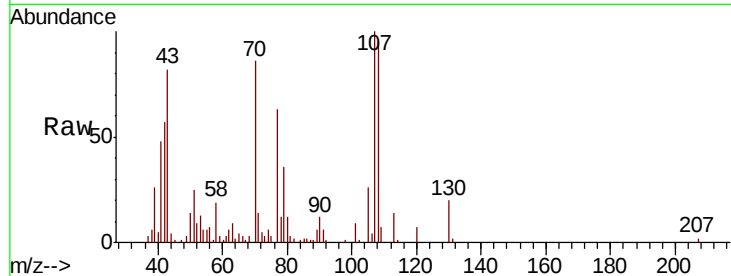
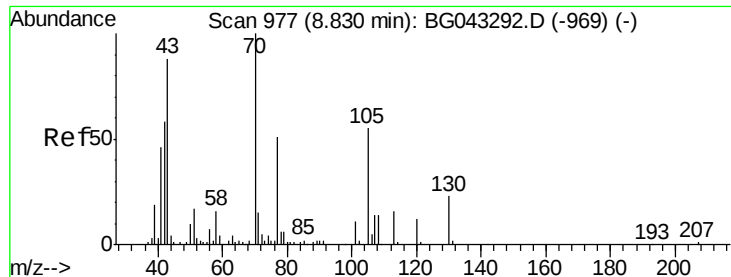
Ion Ratio Lower Upper

117 100

119 103.8 79.0 118.4

201 136.2 105.4 158.2

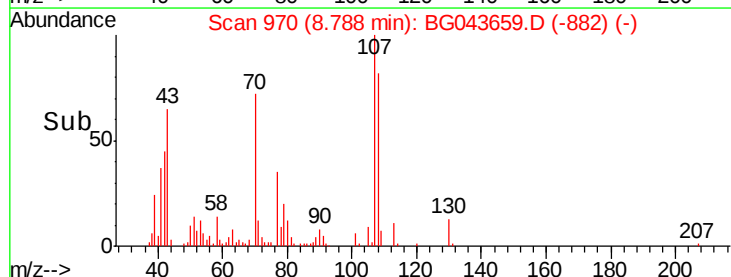
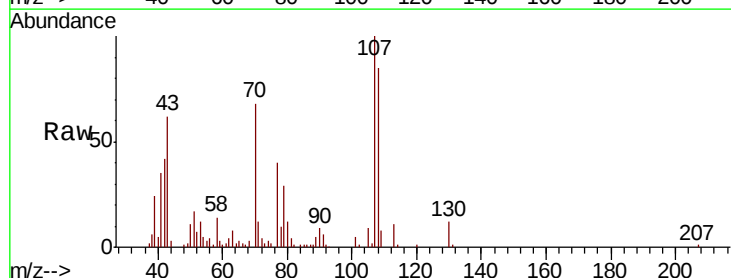
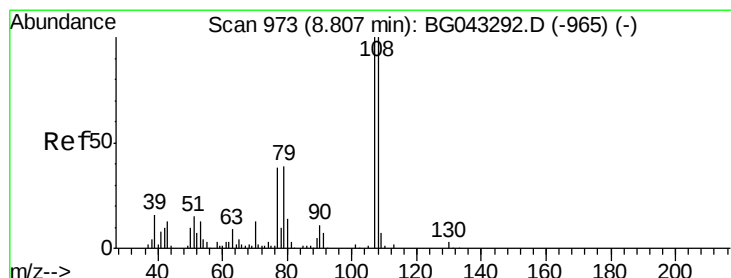
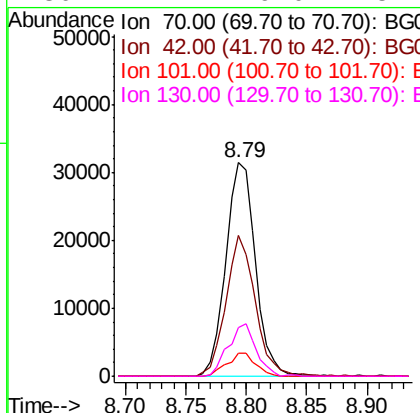




#19
n-Nitroso-di-n-propylamine
Concen: 39.639 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

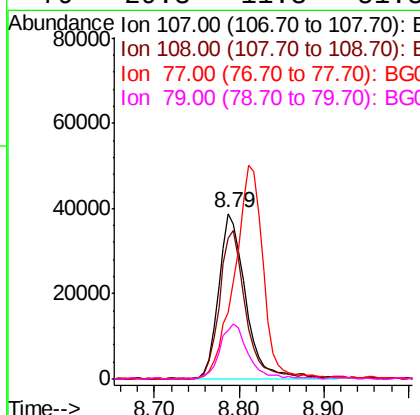
Instrument :
BNA_G
ClientSampleId :
PB124785BS

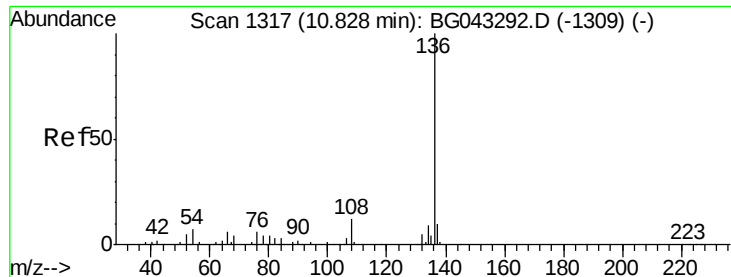
Tot Ion: 70 Resp: 53588
Ion Ratio Lower Upper
70 100
42 65.9 41.4 62.2#
101 10.9 7.9 11.9
130 22.7 19.0 28.4



#20
3+4-Methylphenols
Concen: 45.426 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:107 Resp: 86813
Ion Ratio Lower Upper
107 100
108 85.3 66.6 106.6
77 39.9 20.9 60.9
79 29.3 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

Tot Ion:136 Resp: 111055

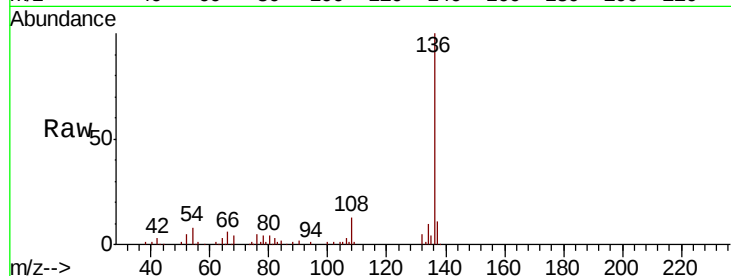
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.1 5.4 8.2

68 4.3 3.0 4.4

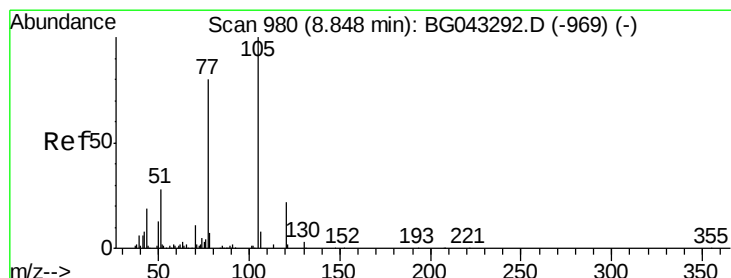
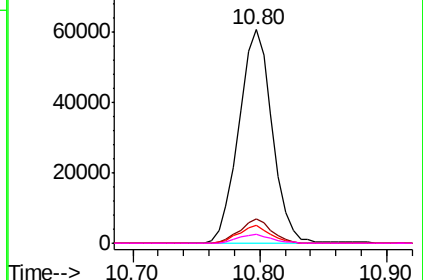
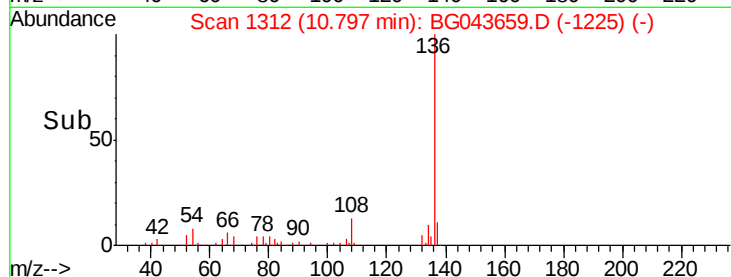


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.202 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Tgt Ion:105 Resp: 105803

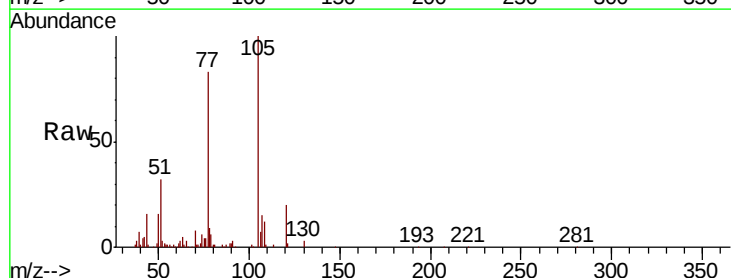
Ion Ratio Lower Upper

105 100

71 1.4 0.8 1.2#

51 32.3 21.0 31.4#

120 20.1 18.0 27.0

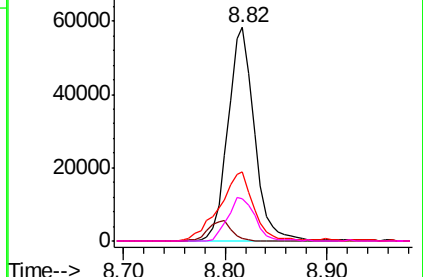
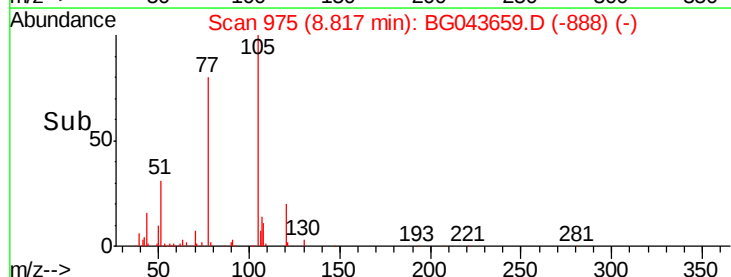


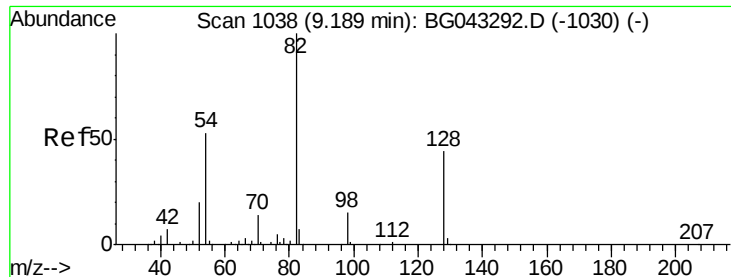
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

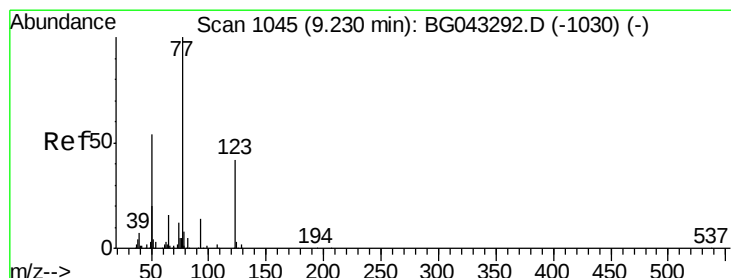
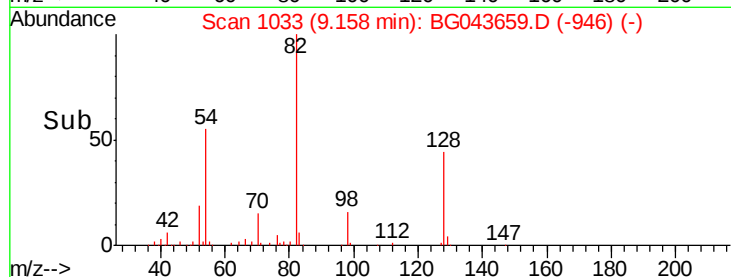
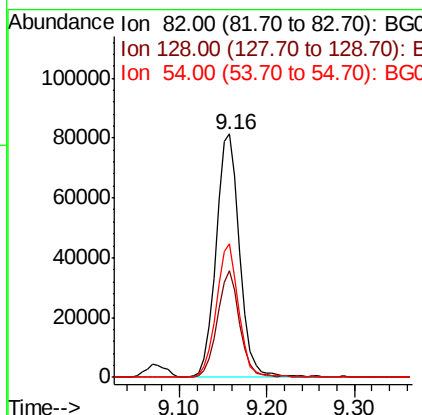
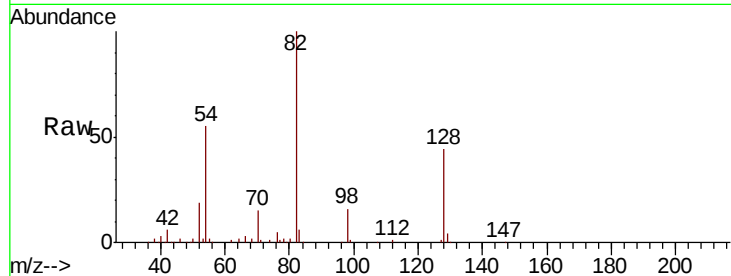




#23
 Nitrobenzene-d5
 Concen: 70.767 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

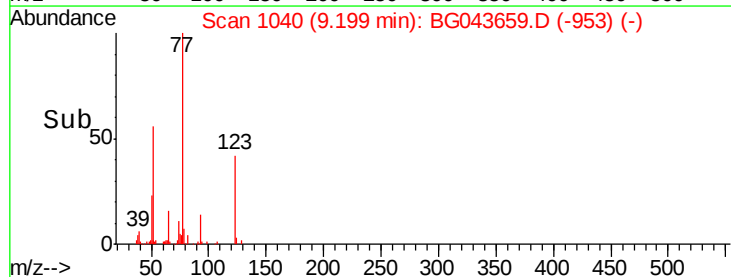
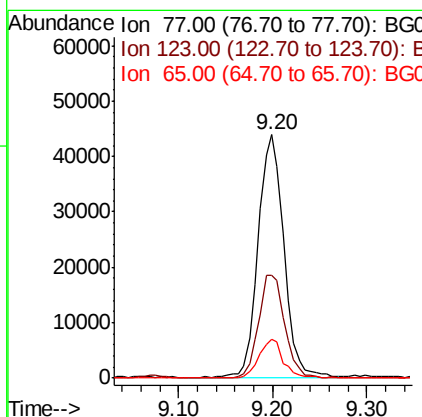
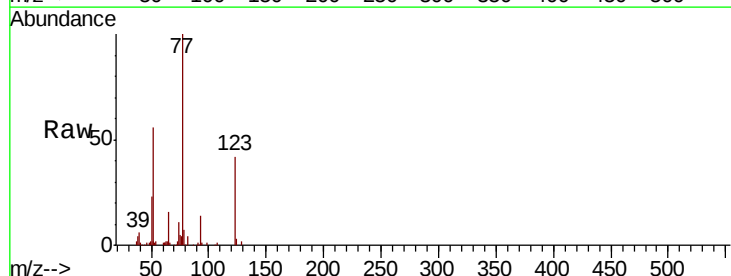
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

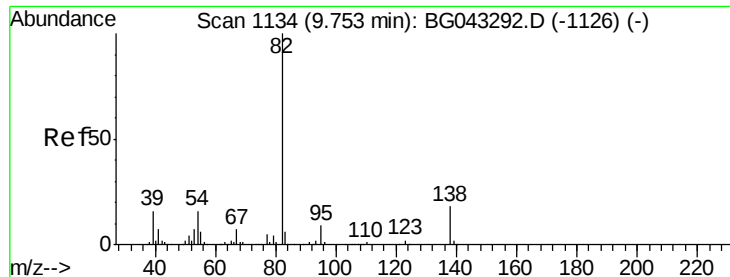
Tot Ion	82	Resp	152441
Ion Ratio	100	Lower	Upper
128	43.7	35.0	52.6
54	55.0	40.2	60.2



#24
 Nitrobenzene
 Concen: 40.859 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion	77	Resp	83844
Ion Ratio	100	Lower	Upper
123	42.2	35.0	52.6
65	16.0	9.5	14.3#





#25

Isophorone

Concen: 39.303 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

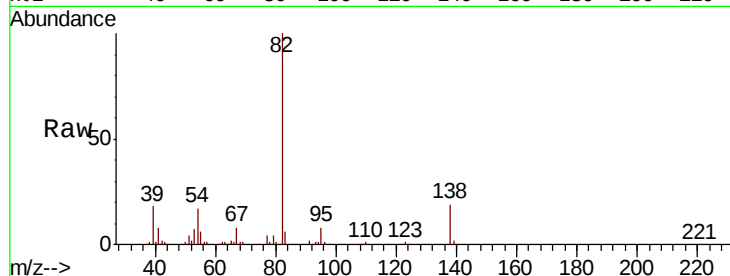
Tot Ion: 82 Resp: 154789

Ion Ratio Lower Upper

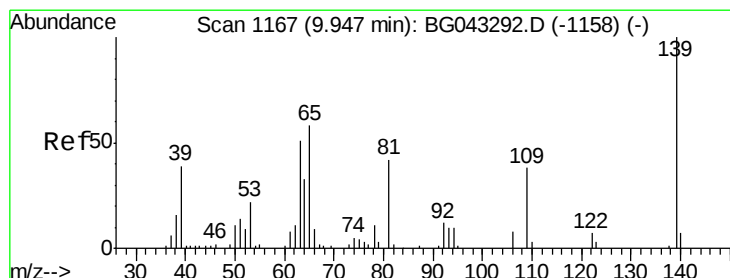
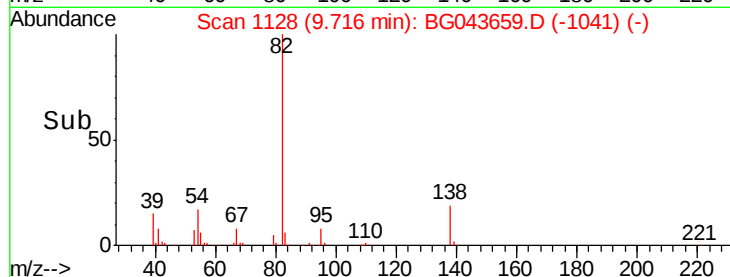
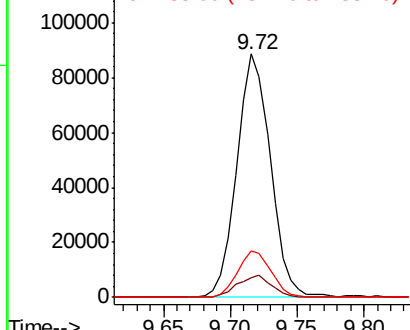
82 100

95 8.2 6.6 9.8

138 19.0 15.2 22.8



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



#26

2-Nitrophenol

Concen: 42.814 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

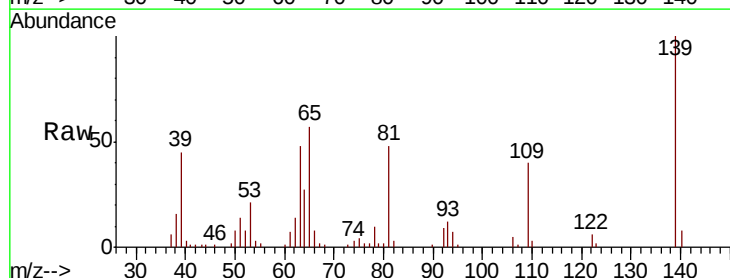
Tgt Ion: 139 Resp: 42416

Ion Ratio Lower Upper

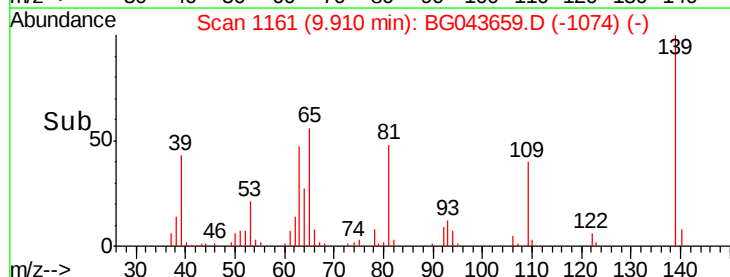
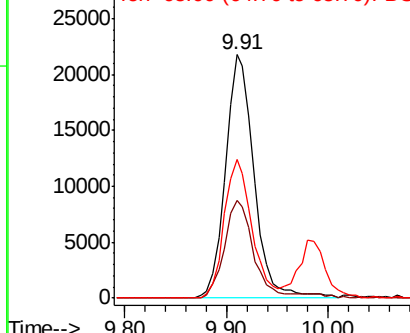
139 100

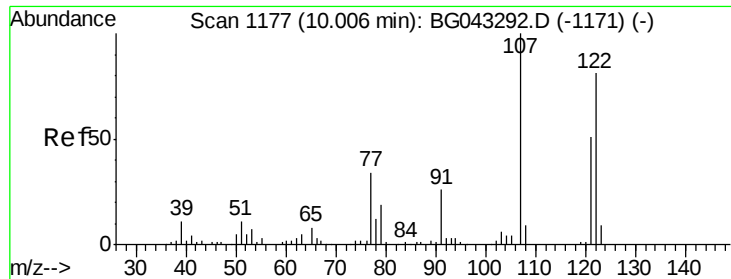
109 39.9 26.5 39.7#

65 57.0 43.8 65.8



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

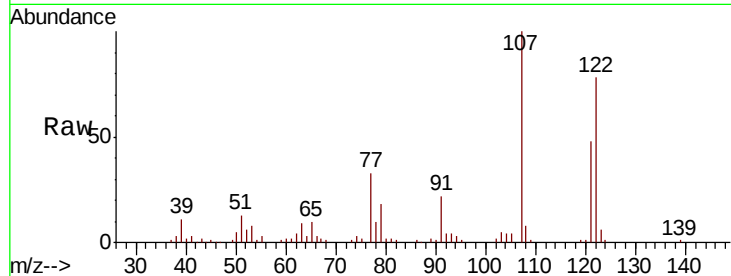




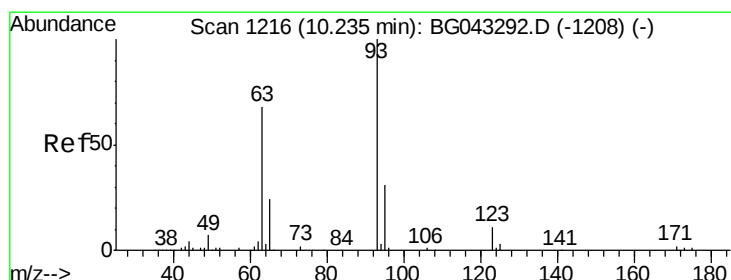
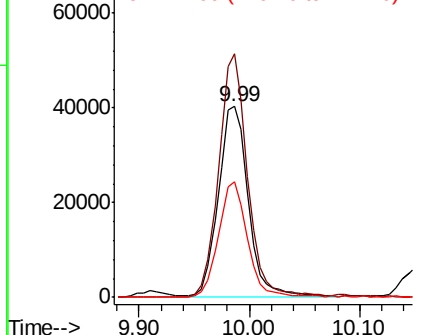
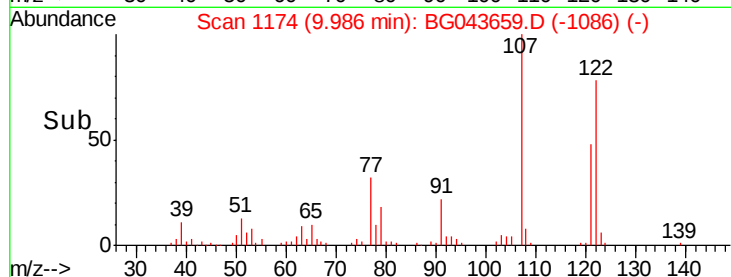
#27
2,4-Dimethylphenol
Concen: 53.313 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion:122 Resp: 75701
Ion Ratio Lower Upper
122 100
107 127.7 104.4 156.6
121 60.7 47.2 70.8

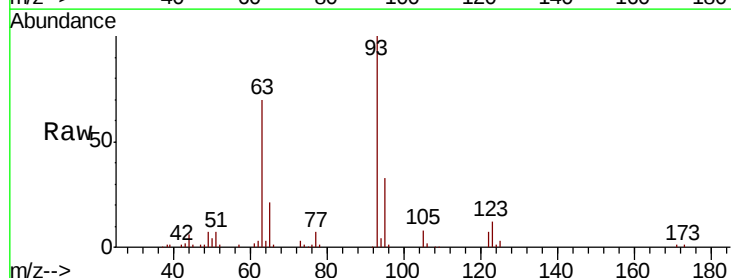


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

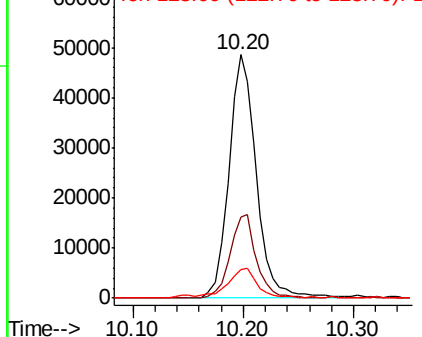
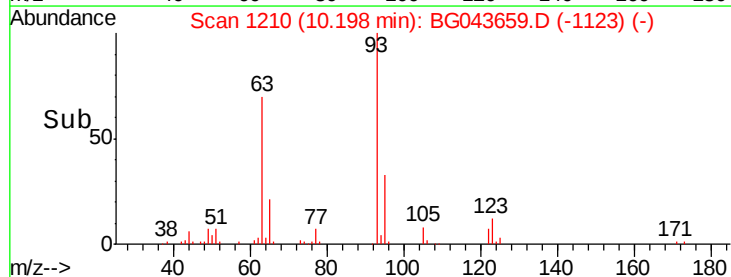


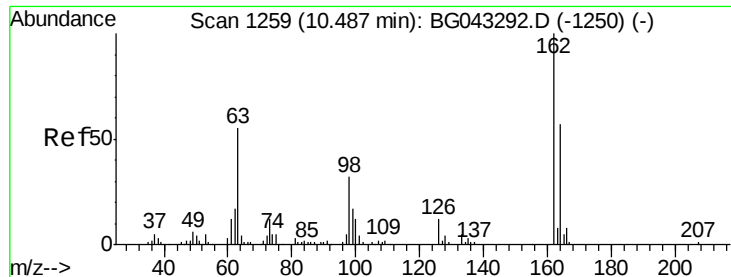
#28
bis(2-Chloroethoxy)methane
Concen: 38.717 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion: 93 Resp: 84156
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 11.7 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

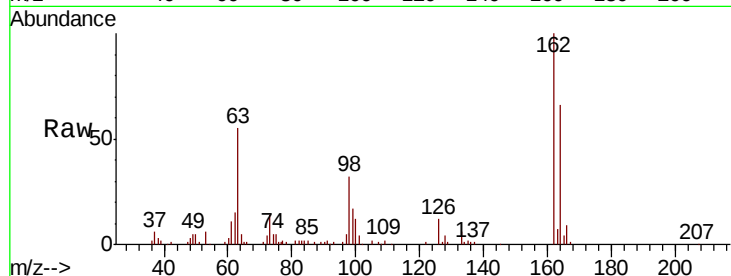




#29
2,4-Dichlorophenol
Concen: 44.837 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.9	88.9
98	31.8	15.1	55.1

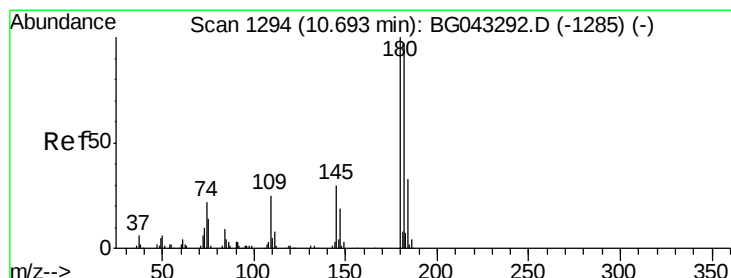
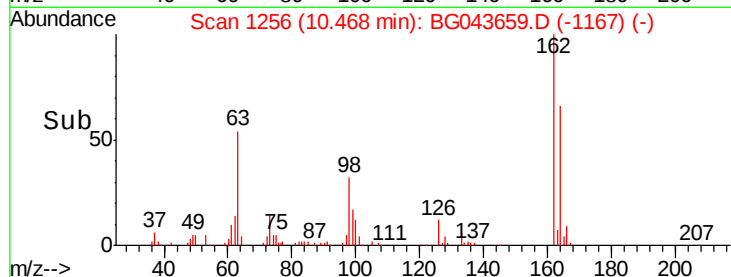
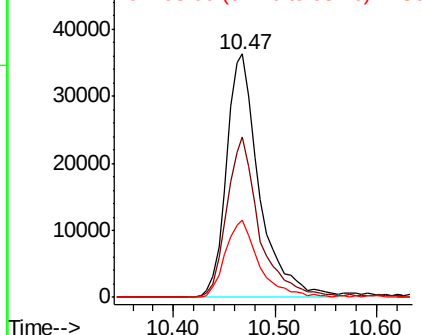


Abundance

Ion 162.00 (161.70 to 162.70): E

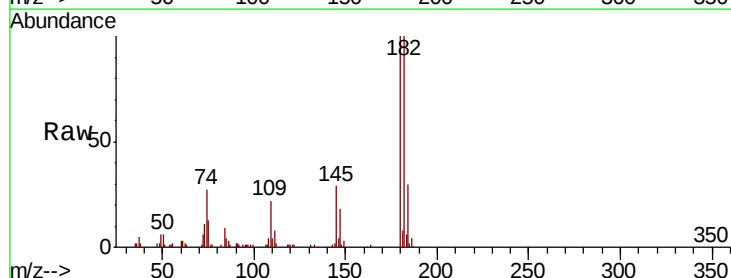
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 37.149 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.1	112.7
145	29.3	23.9	35.9

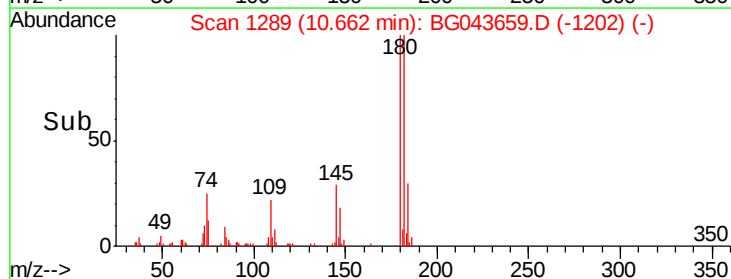
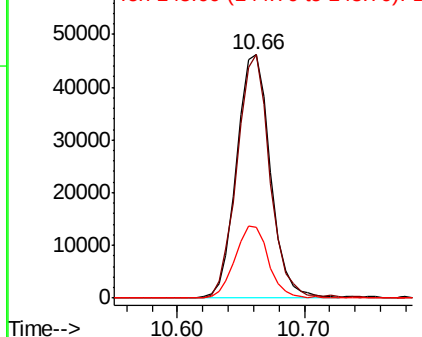


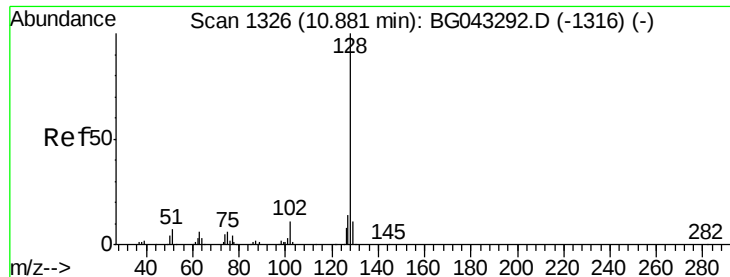
Abundance

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

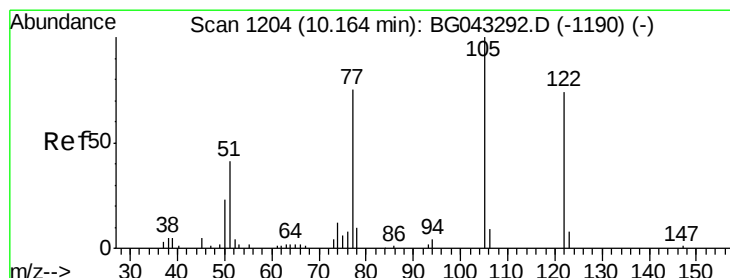
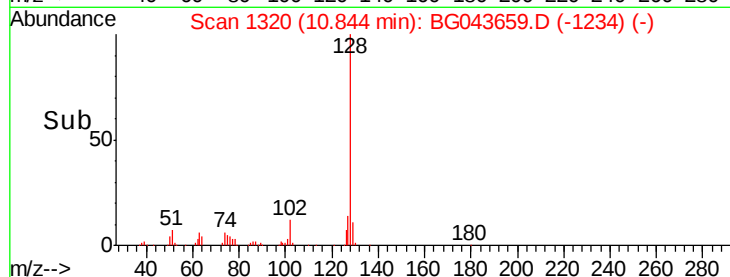
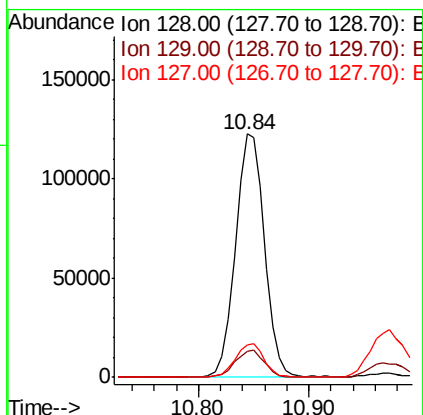
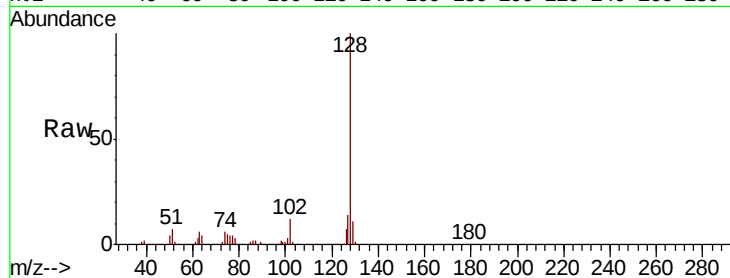




#31
Naphthalene
Concen: 40.198 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

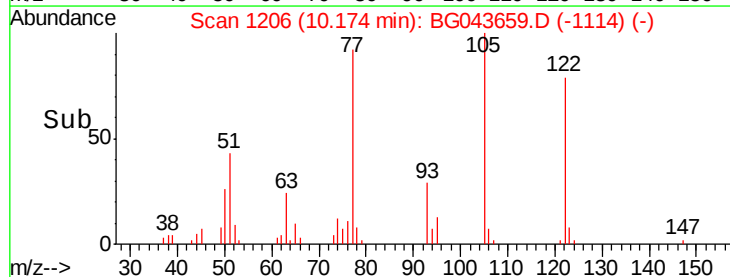
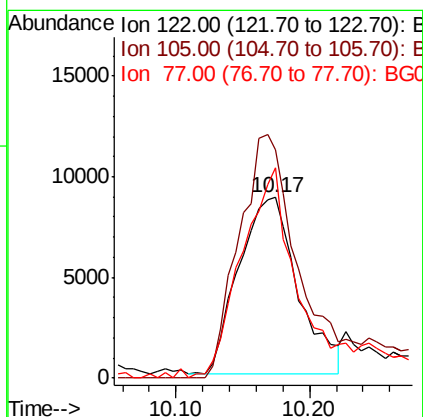
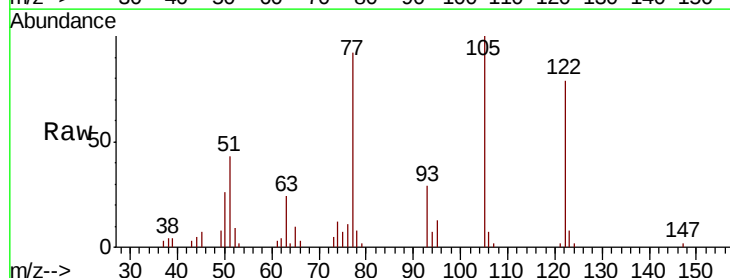
Instrument :
BNA_G
ClientSampleId :
PB124785BS

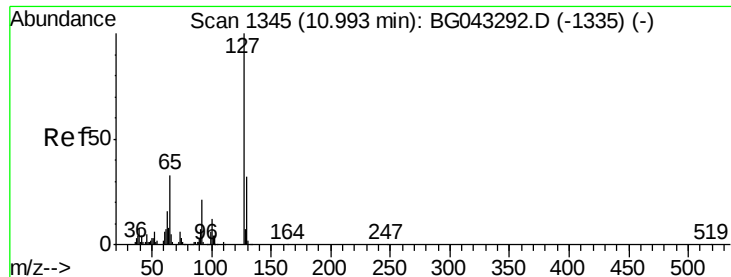
Tot Ion:128 Resp: 226602
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 29.194 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:122 Resp: 26915
Ion Ratio Lower Upper
122 100
105 126.6 103.3 143.3
77 116.4 84.9 124.9





#33

4-Chloroaniline

Concen: 24.921 ng

RT: 10.97 min Scan# 1342

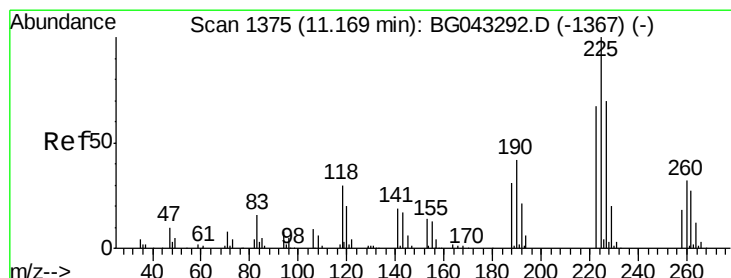
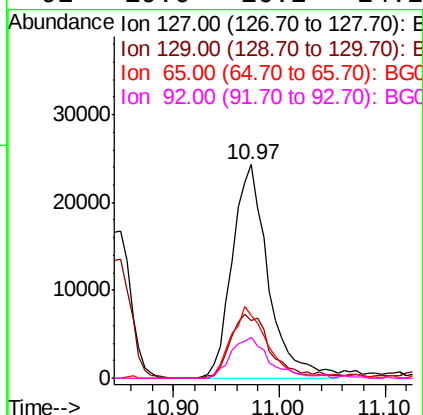
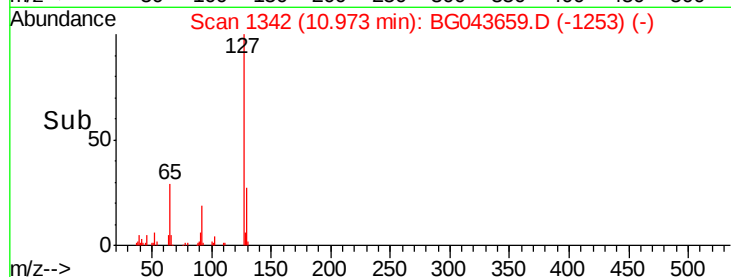
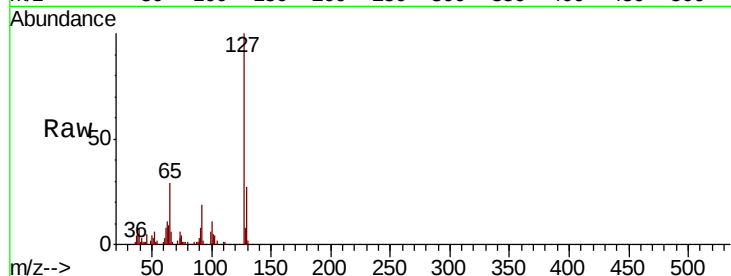
Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion:127	Resp:	57586
Ion Ratio	Lower	Upper
127	100	
129	26.8	26.5 39.7
65	29.2	26.4 39.6
92	19.0	16.2 24.2



#34

Hexachlorobutadiene

Concen: 35.345 ng

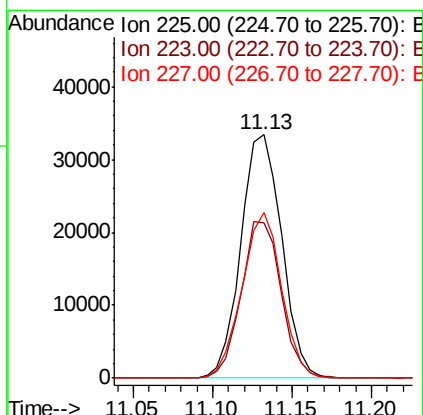
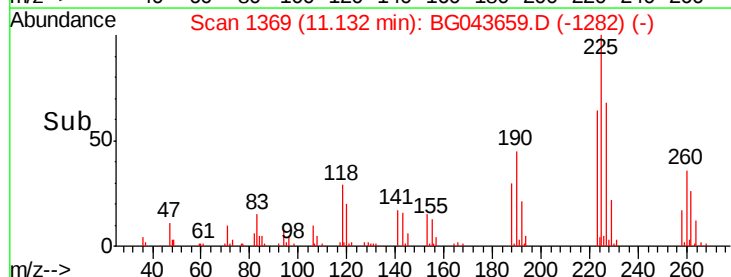
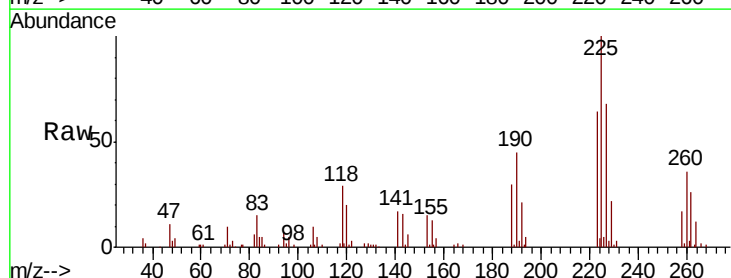
RT: 11.13 min Scan# 1369

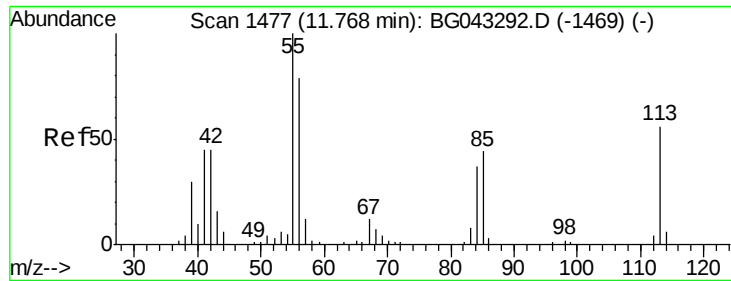
Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Tgt Ion:225	Resp:	59911
Ion Ratio	Lower	Upper
225	100	
223	64.0	52.7 79.1
227	68.2	54.8 82.2





#35

Caprolactam

Concen: 16.070 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

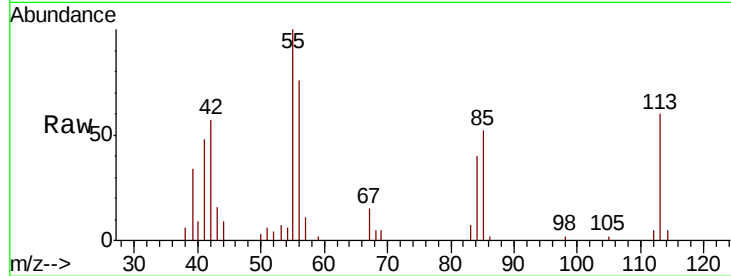
Tot Ion:113 Resp: 10069

Ion Ratio Lower Upper

113 100

55 166.8 134.1 174.1

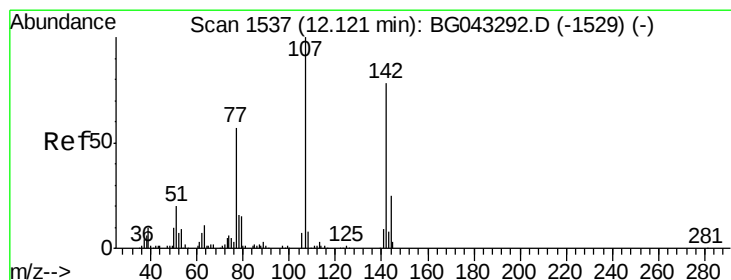
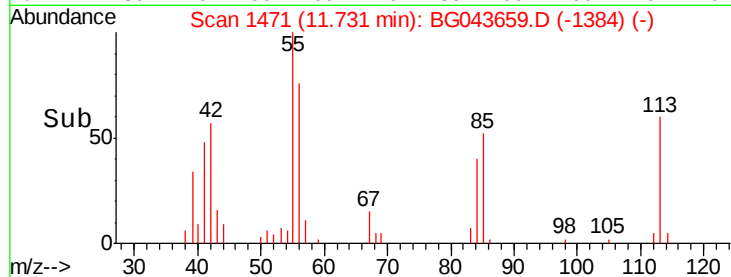
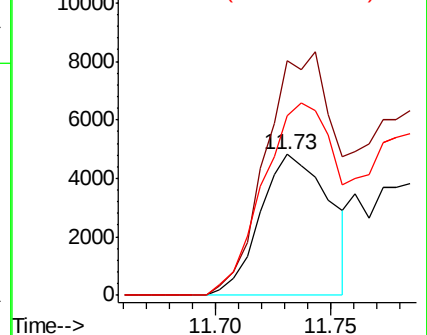
56 127.2 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.199 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

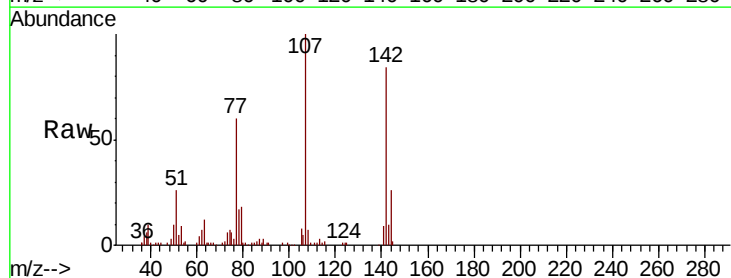
Tgt Ion:107 Resp: 91681

Ion Ratio Lower Upper

107 100

144 26.0 20.9 31.3

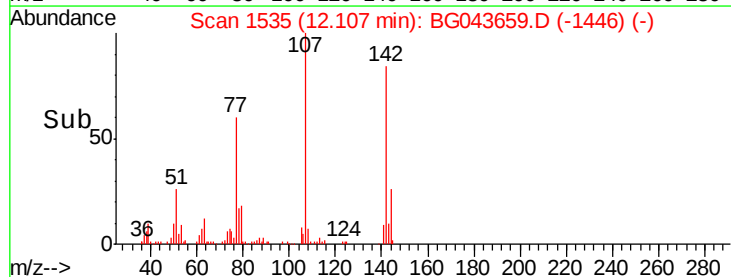
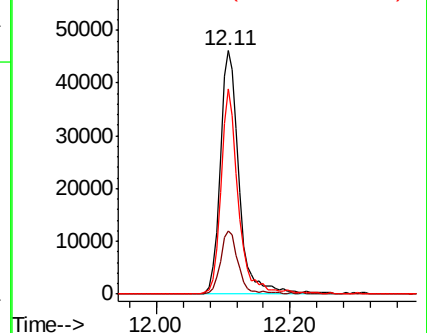
142 84.3 59.6 89.4

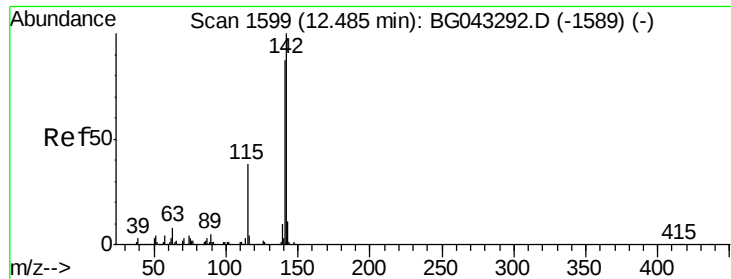


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

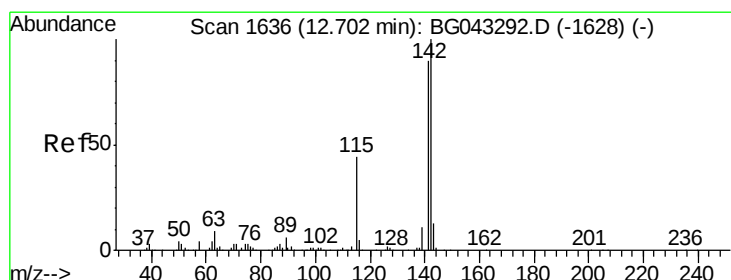
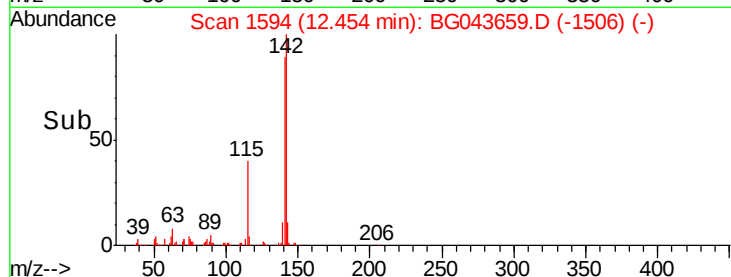
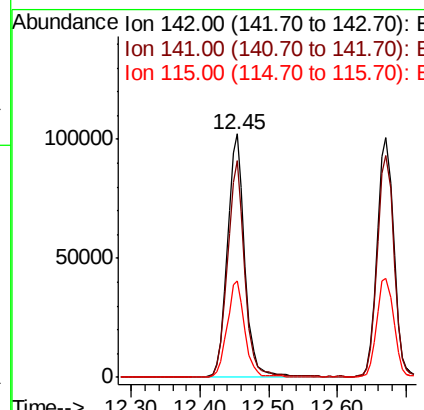
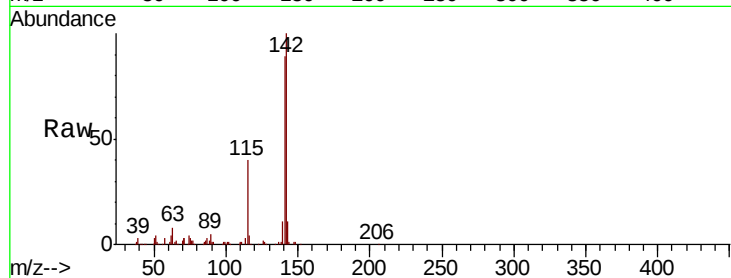




#37
 2-Methylnaphthalene
 Concen: 41.630 ng
 RT: 12.45 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

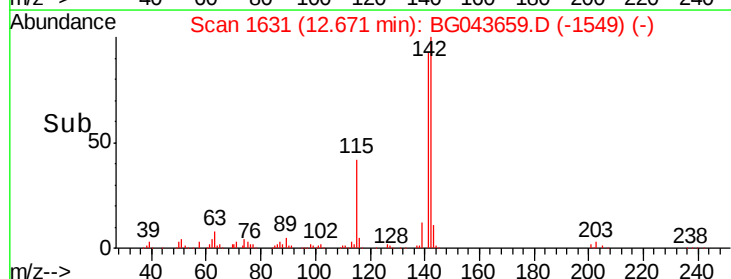
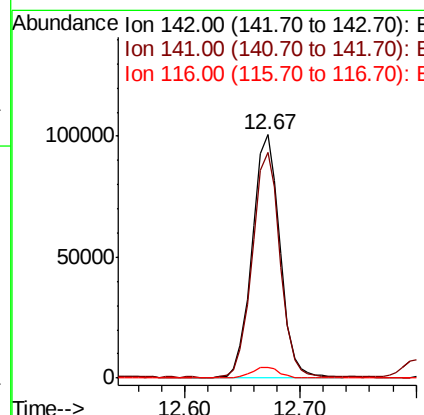
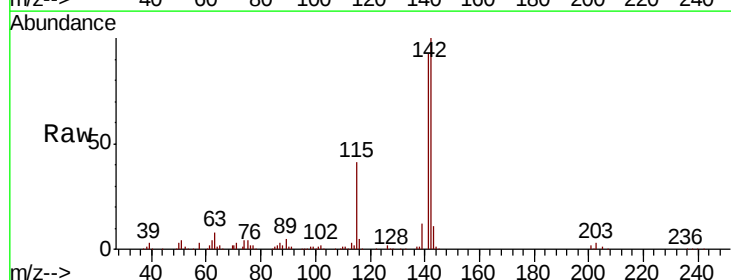
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

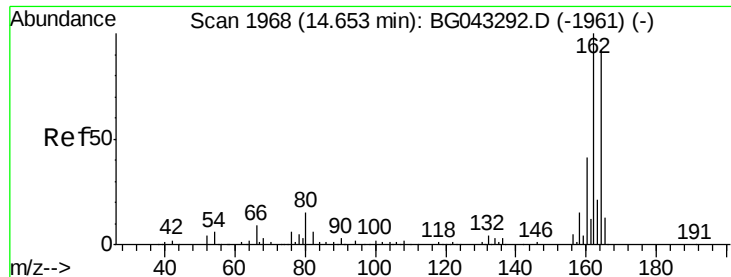
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2
115	39.8	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 41.304 ng
 RT: 12.67 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.2	109.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

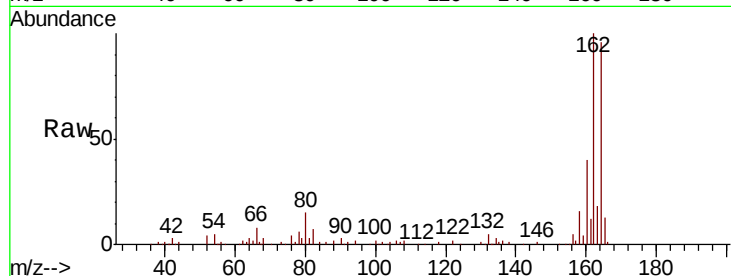
Tot Ion:164 Resp: 87004

Ion Ratio Lower Upper

164 100

162 103.9 83.5 125.3

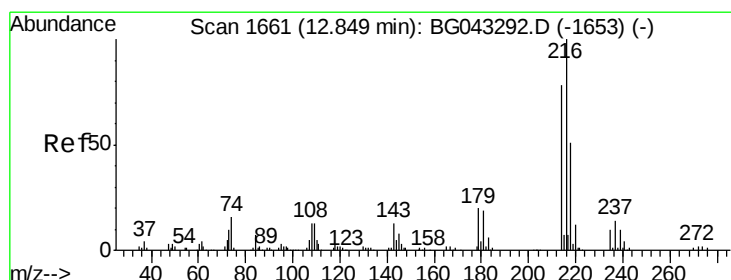
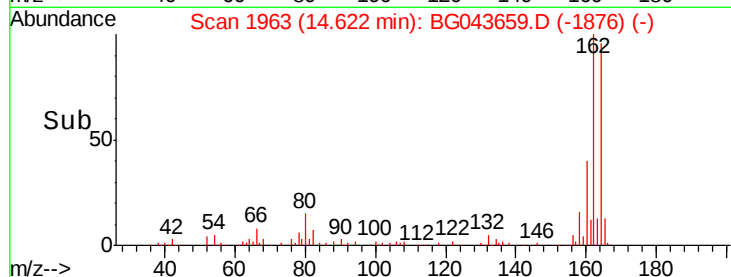
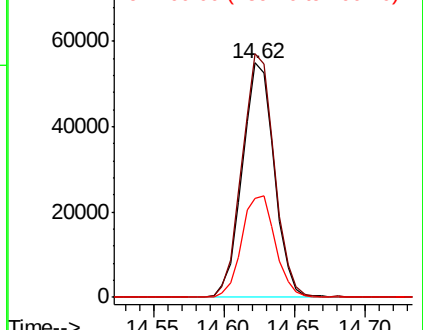
160 42.1 36.5 54.7



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: 36.585 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Tgt Ion:216 Resp: 117801

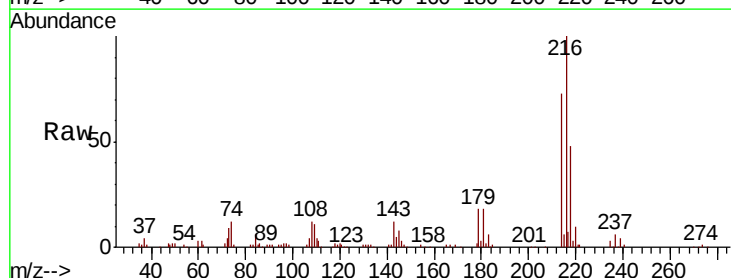
Ion Ratio Lower Upper

216 100

214 77.1 61.7 92.5

179 19.3 15.8 23.8

108 15.6 11.5 17.3

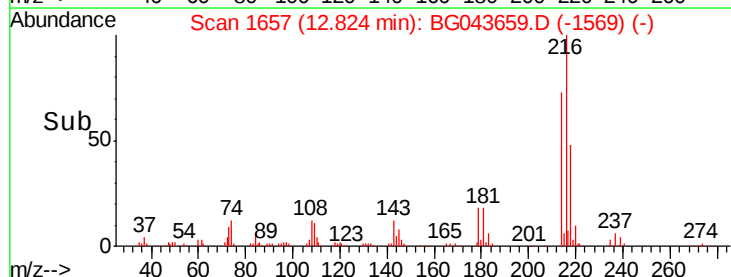
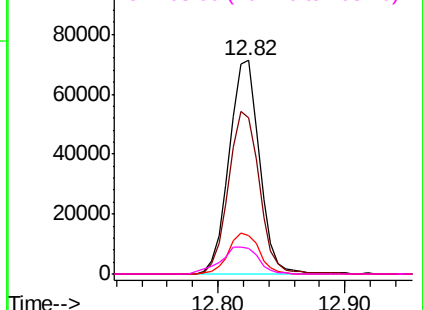


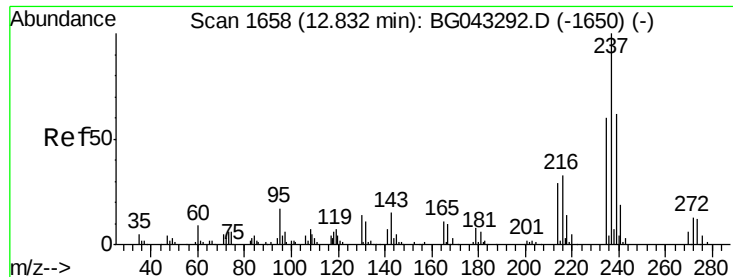
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.932 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

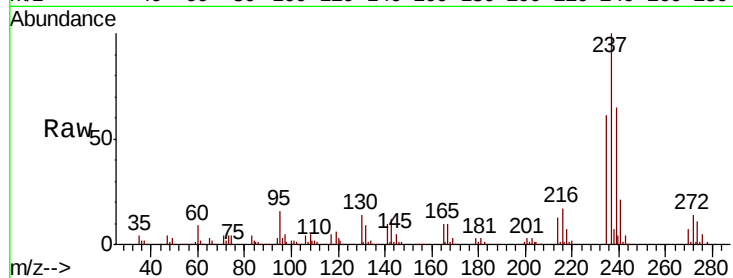
Tot Ion:237 Resp: 116593

Ion Ratio Lower Upper

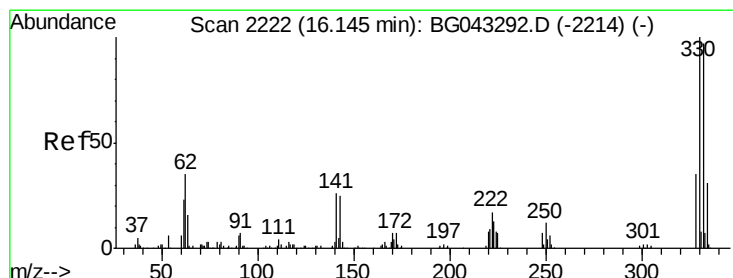
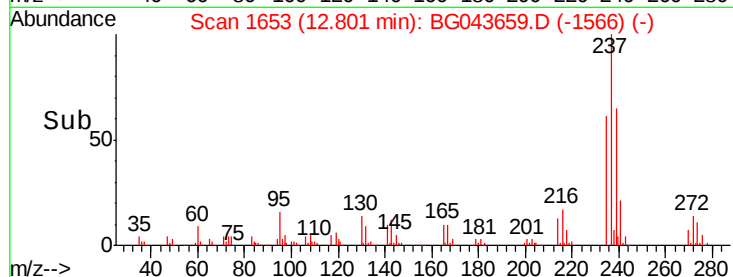
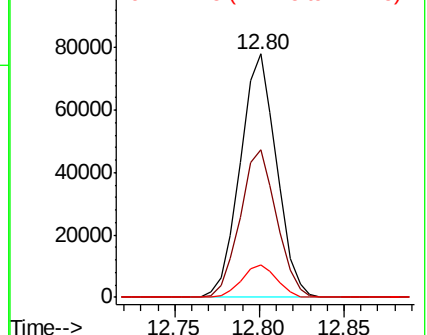
237 100

235 60.8 41.6 81.6

272 13.5 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: 65.387 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

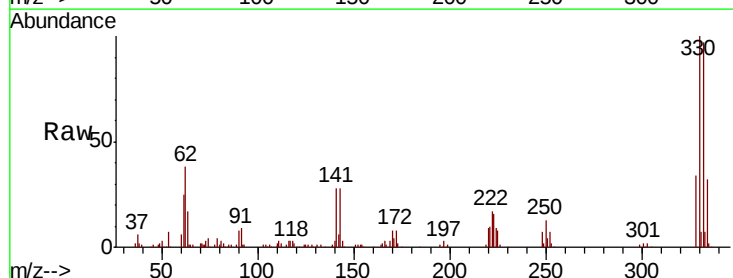
Tgt Ion:330 Resp: 108260

Ion Ratio Lower Upper

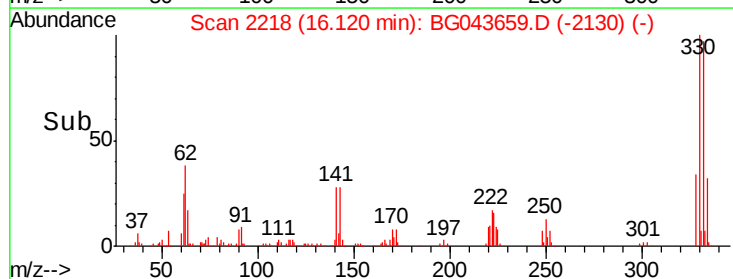
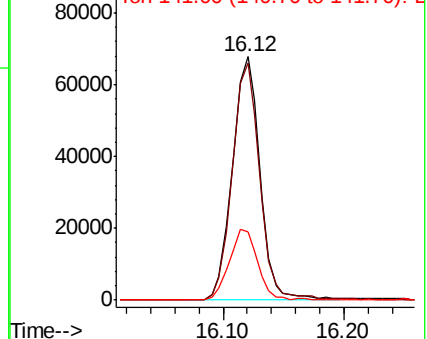
330 100

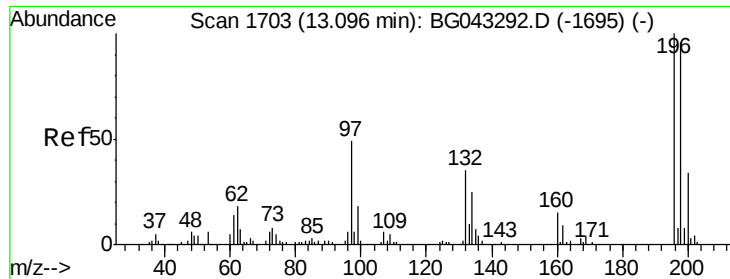
332 97.7 77.4 116.0

141 29.6 22.8 34.2



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

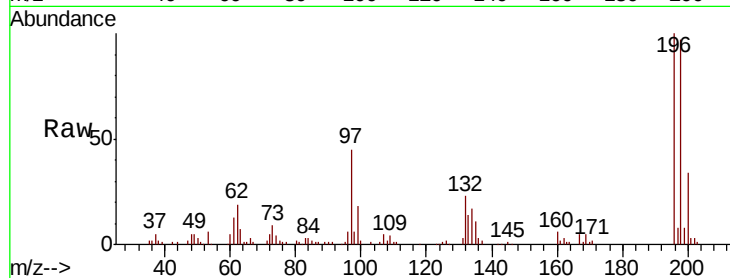




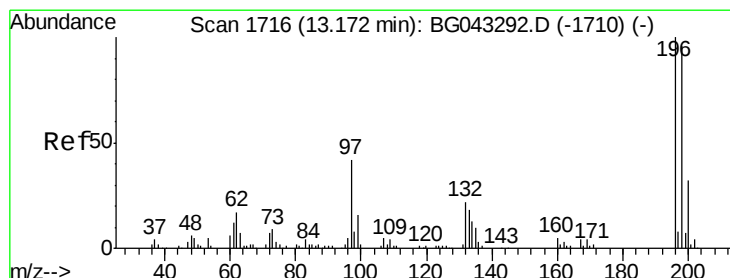
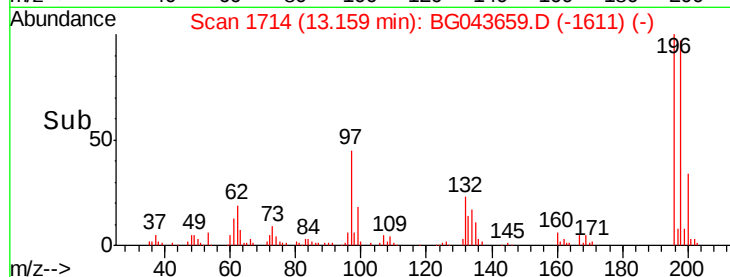
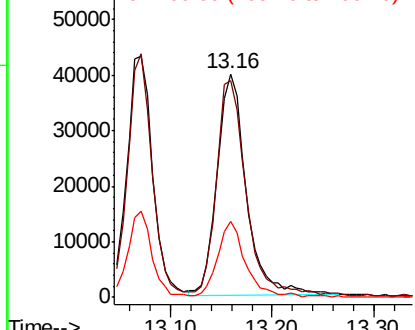
#43
 2,4,6-Trichlorophenol
 Concen: 42.387 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.08 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

Tot Ion:196 Resp: 80376
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.8 113.6
 200 33.9 23.9 35.9



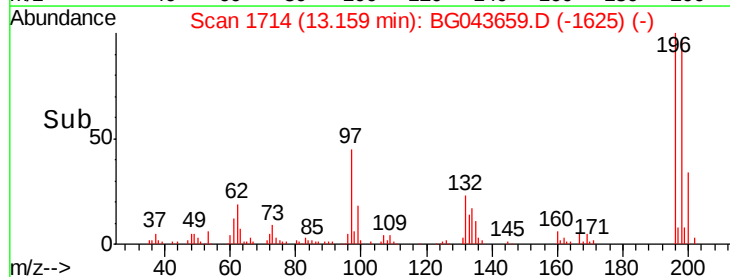
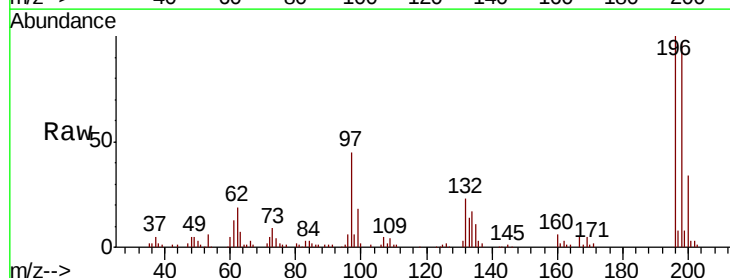
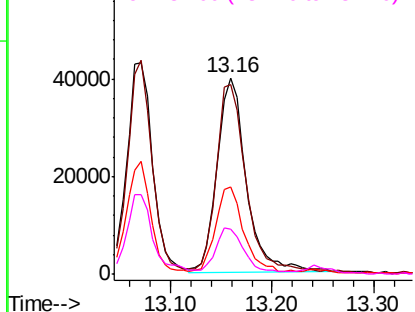
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

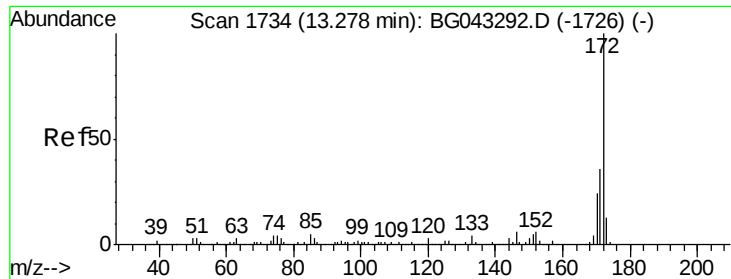


#44
 2,4,5-Trichlorophenol
 Concen: 41.927 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion:196 Resp: 80376
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.5 111.7
 97 44.7 36.3 54.5
 132 23.0 17.4 26.2

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

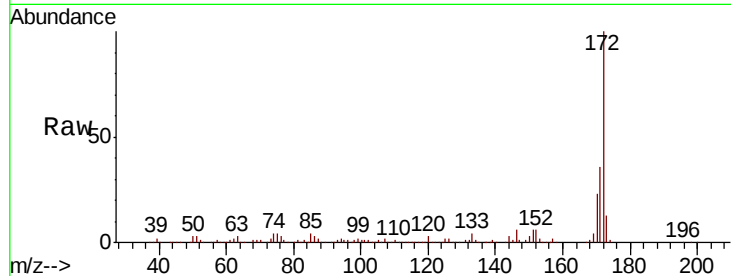




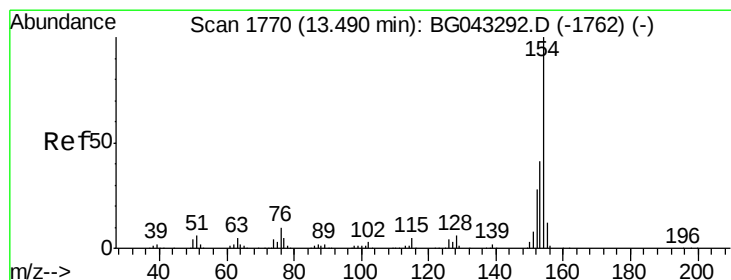
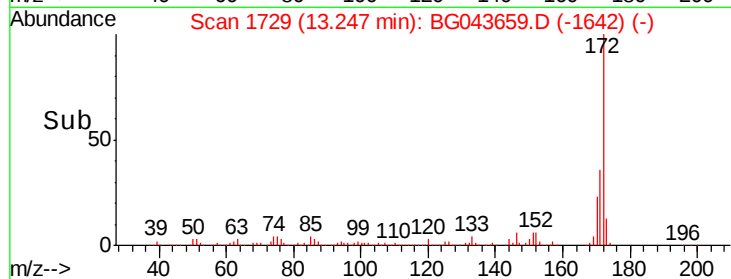
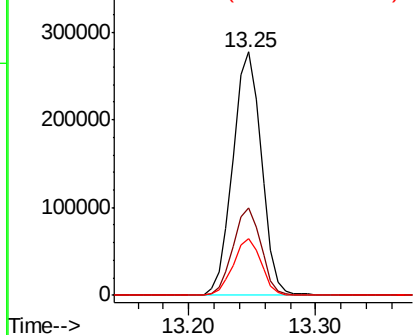
#45
2-Fluorobiphenyl
Concen: 68.763 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.2	18.5	27.7

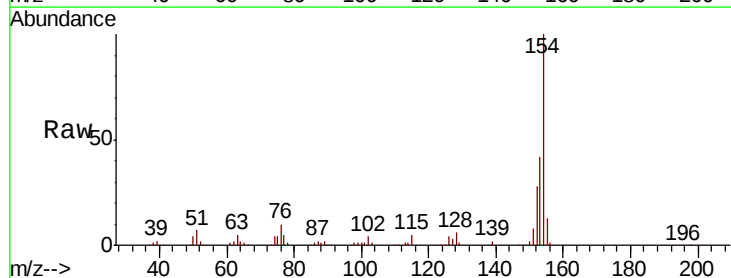


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

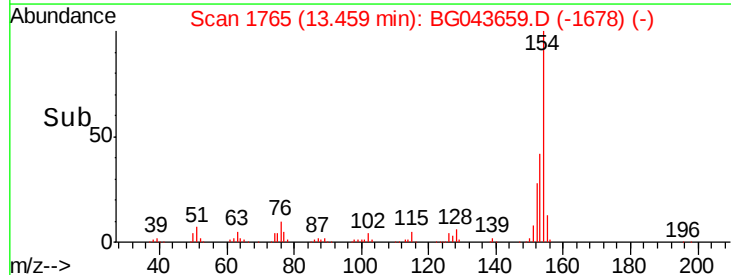
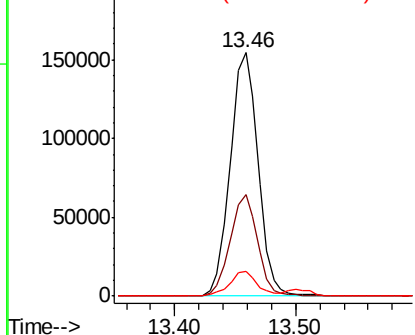


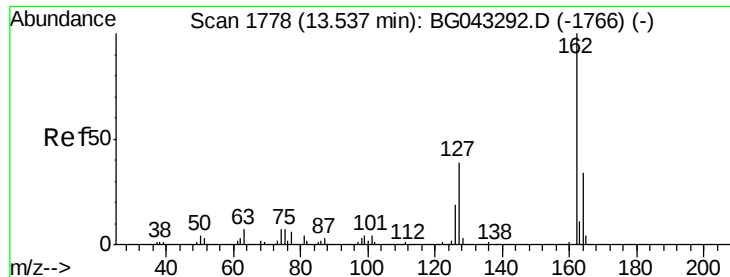
#46
1,1'-Biphenyl
Concen: 37.552 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.9	59.9
76	10.0	0.0	29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

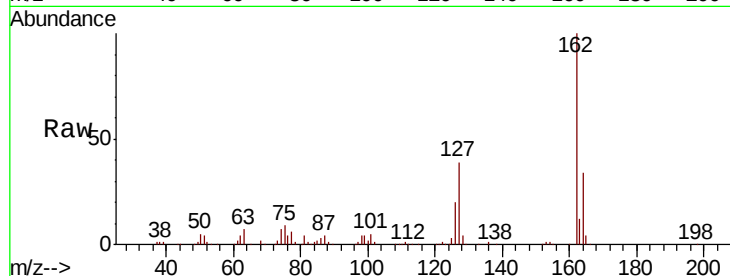




#47
2-Chloronaphthalene
Concen: 38.054 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.2	46.8
164	34.0	25.8	38.8

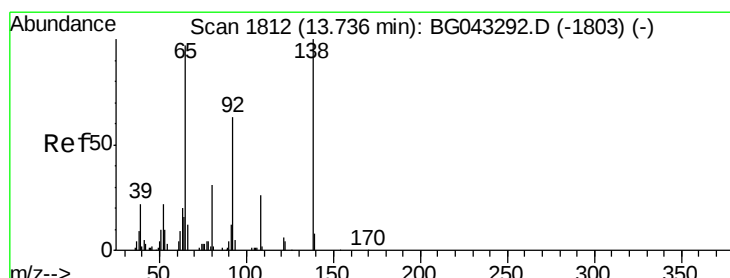
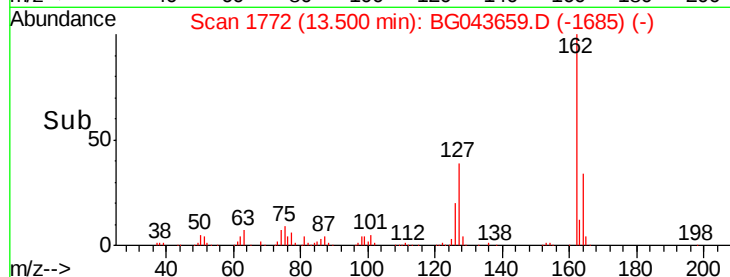
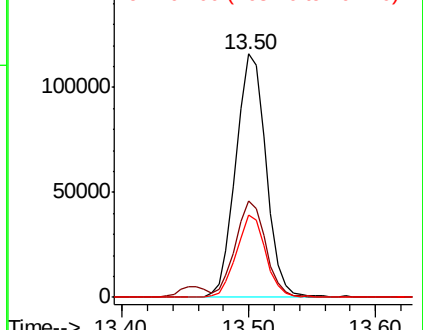


Abundance

Ion 162.00 (161.70 to 162.70): E

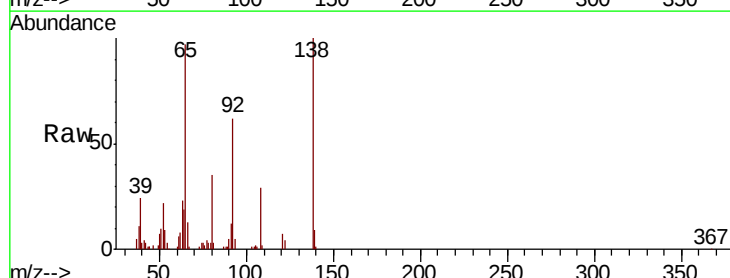
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.925 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	56.2	84.2
138	103.2	82.6	123.8

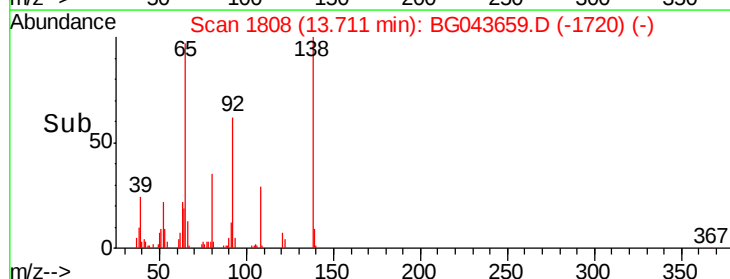
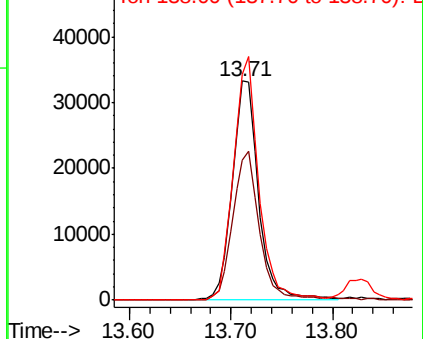


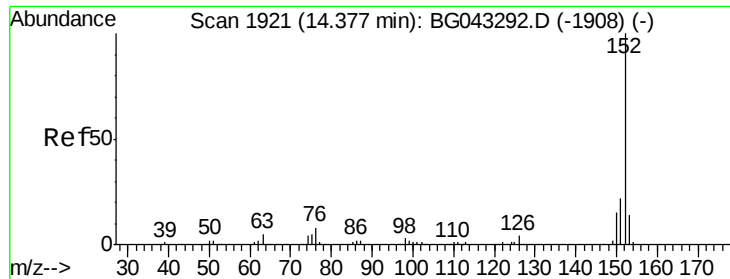
Abundance

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: 40.972 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

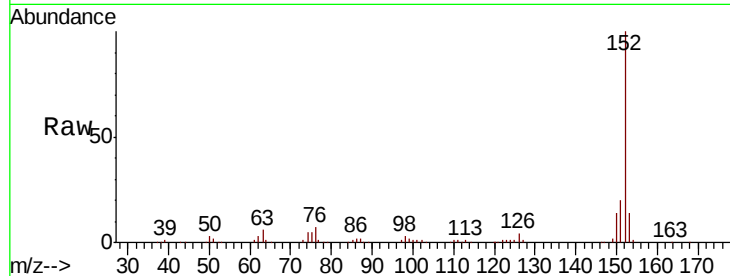
Tot Ion:152 Resp: 321134

Ion Ratio Lower Upper

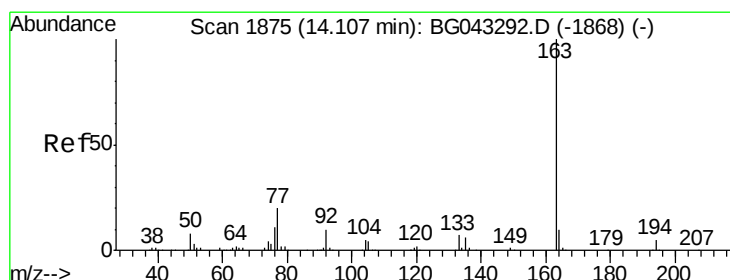
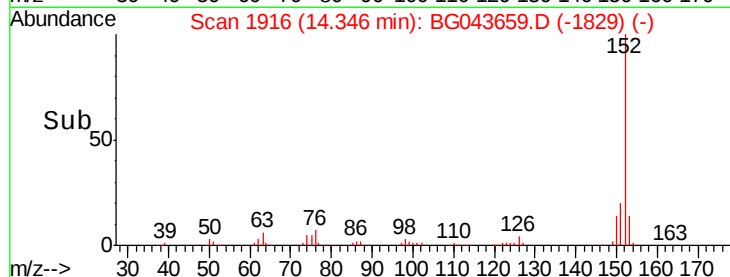
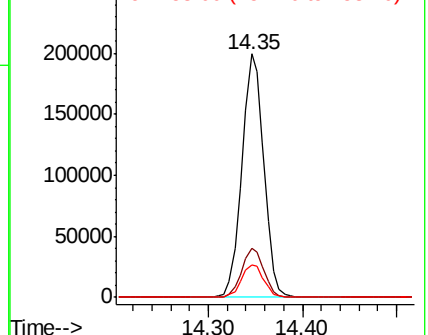
152 100

151 20.2 16.2 24.4

153 13.5 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: 40.228 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

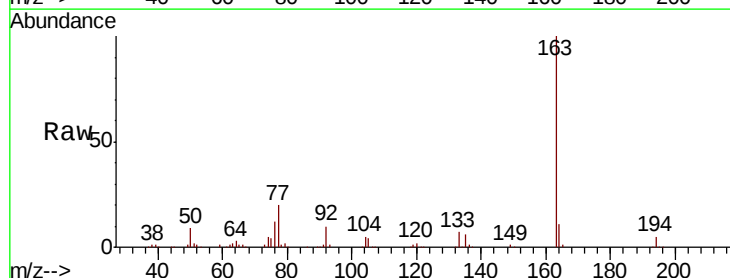
Tgt Ion:163 Resp: 271100

Ion Ratio Lower Upper

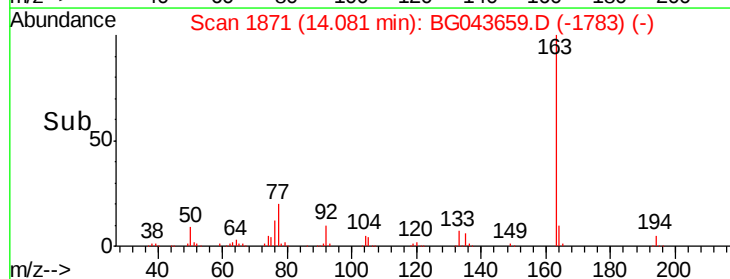
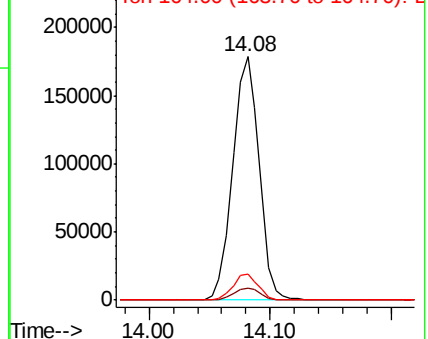
163 100

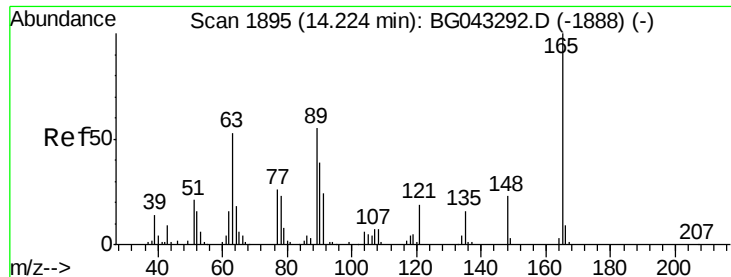
194 4.8 3.8 5.6

164 10.6 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

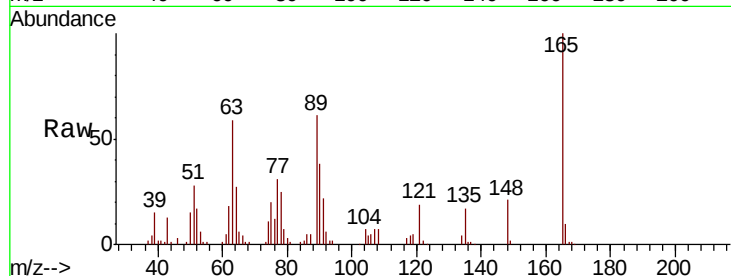




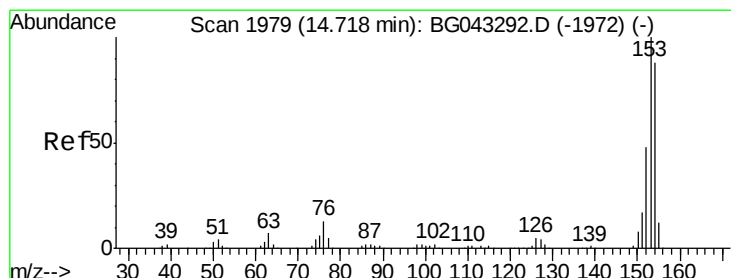
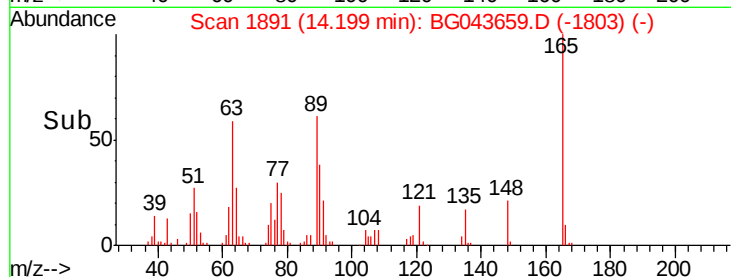
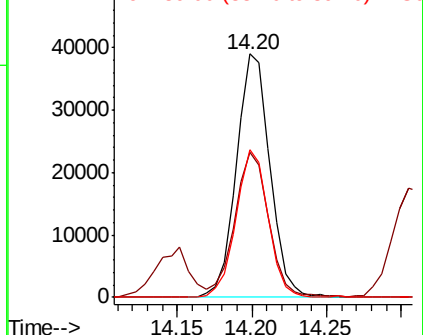
#51
 2,6-Dinitrotoluene
 Concen: 41.551 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

Tot Ion:165 Resp: 60833
 Ion Ratio Lower Upper
 165 100
 63 59.4 46.6 69.8
 89 60.7 45.1 67.7

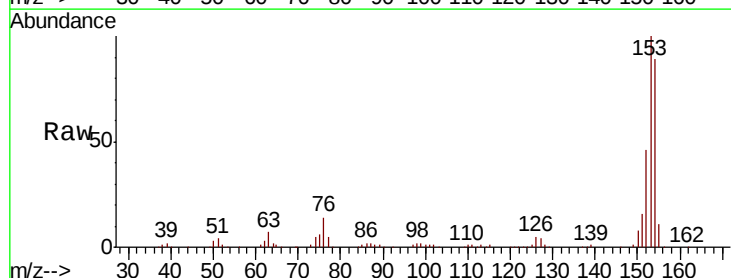


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

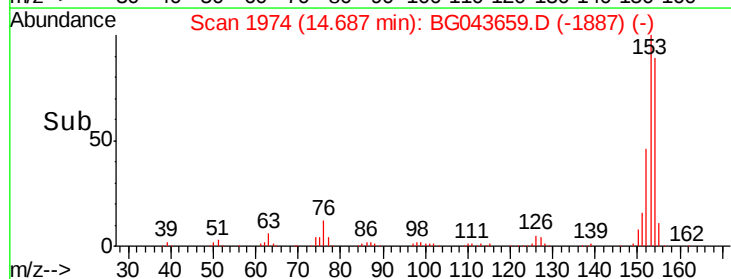
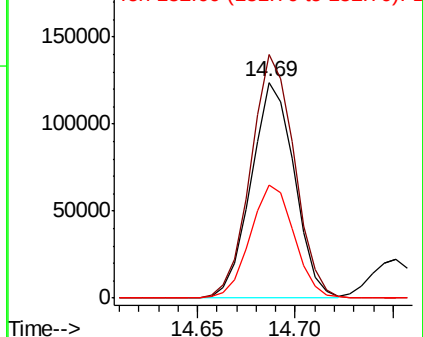


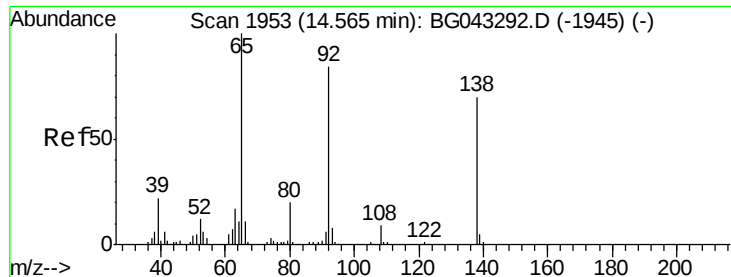
#52
 Acenaphthene
 Concen: 39.908 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion:154 Resp: 190754
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.2 132.2
 152 52.1 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

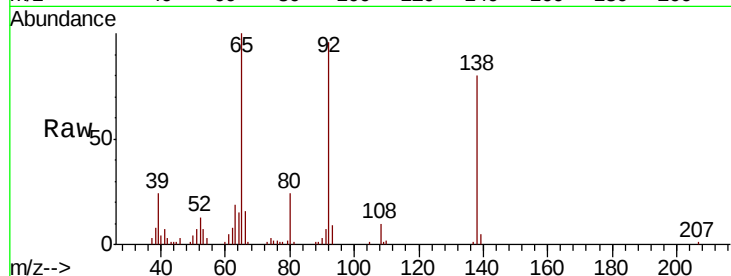




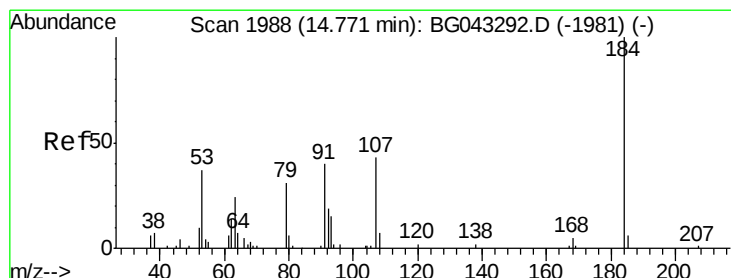
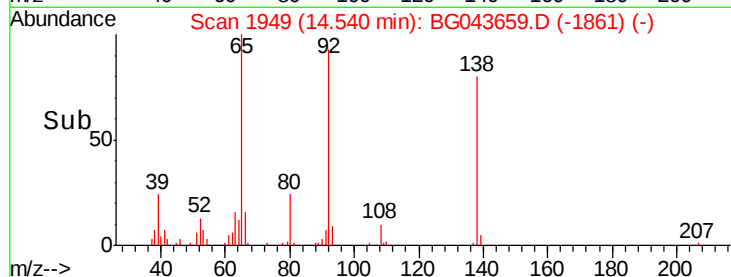
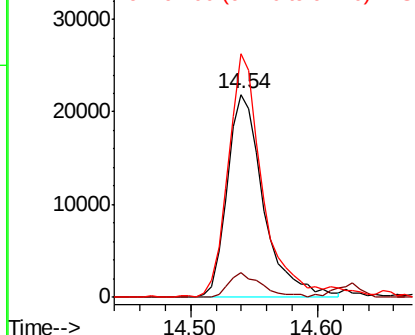
#53
3-Nitroaniline
Concen: 30.499 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion:138 Resp: 43110
Ion Ratio Lower Upper
138 100
108 12.2 8.0 12.0#
92 120.0 90.9 136.3

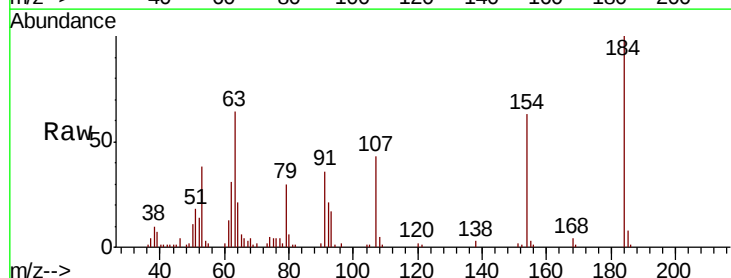


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

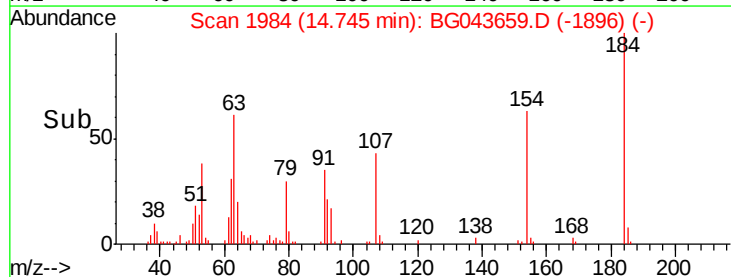
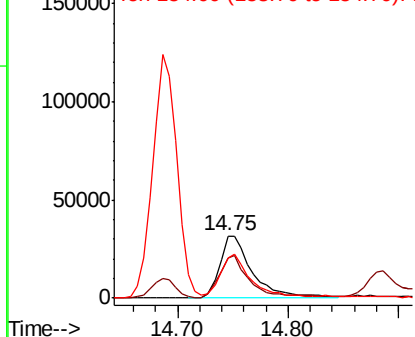


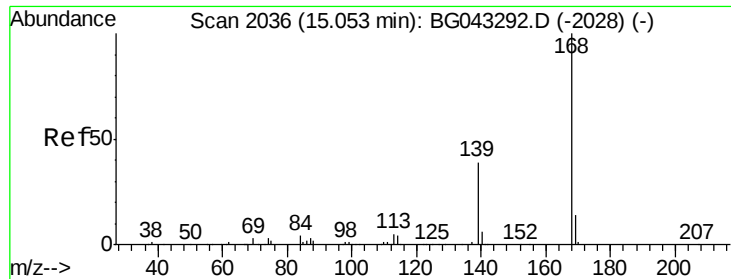
#54
2,4-Dinitrophenol
Concen: 72.537 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:184 Resp: 65632
Ion Ratio Lower Upper
184 100
63 63.5 51.3 76.9
154 63.5 55.4 83.0



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

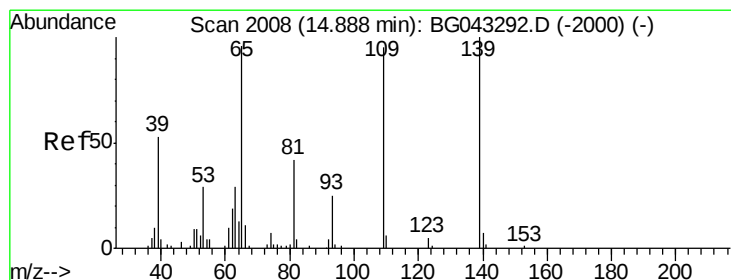
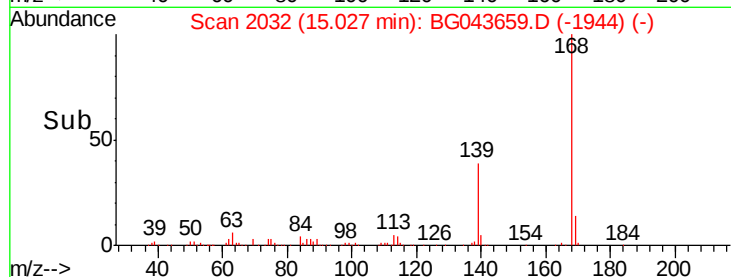
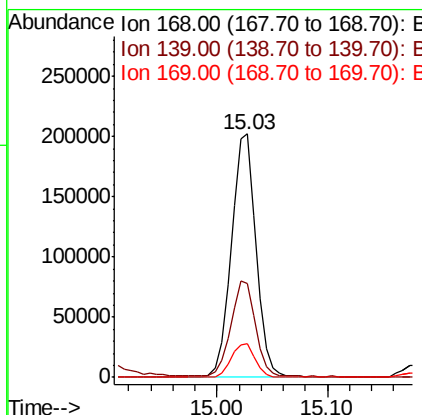
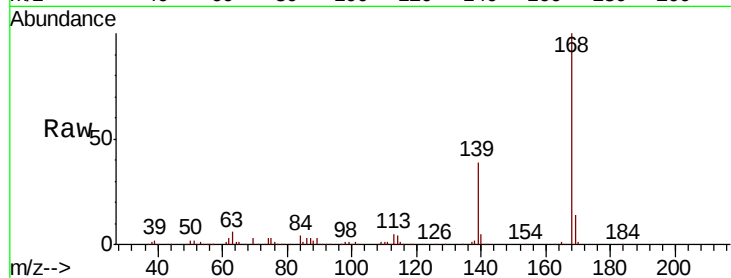




#55
Dibenzofuran
Concen: 40.958 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

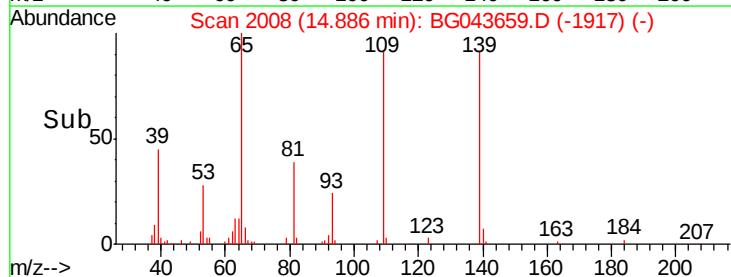
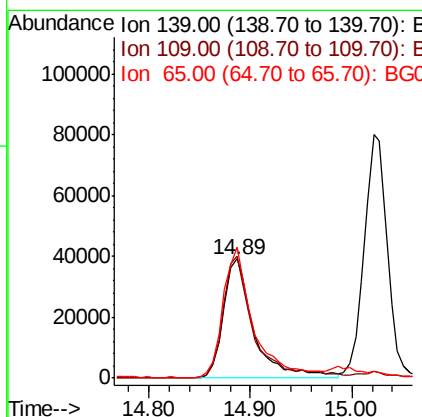
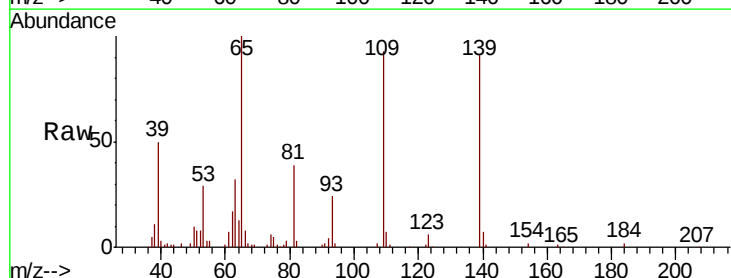
Instrument :
BNA_G
ClientSampleId :
PB124785BS

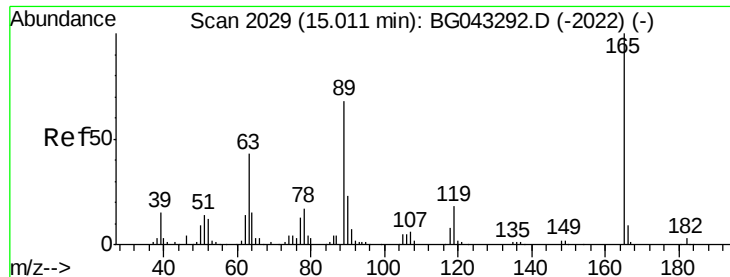
Tot Ion:168 Resp: 317477
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 13.6 11.7 17.5



#56
4-Nitrophenol
Concen: 86.752 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:139 Resp: 82175
Ion Ratio Lower Upper
139 100
109 101.9 87.2 127.2
65 110.0 83.8 123.8

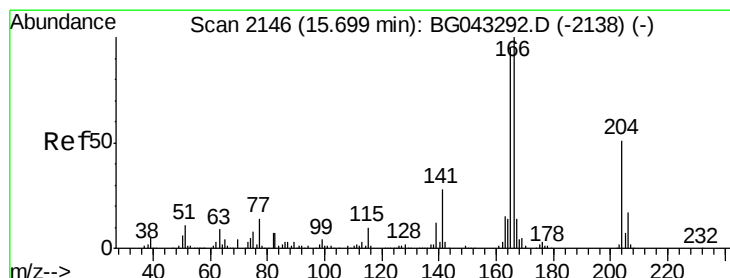
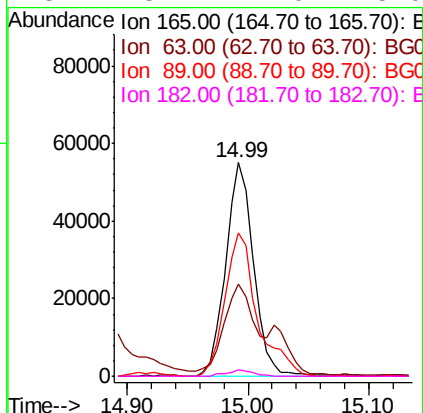
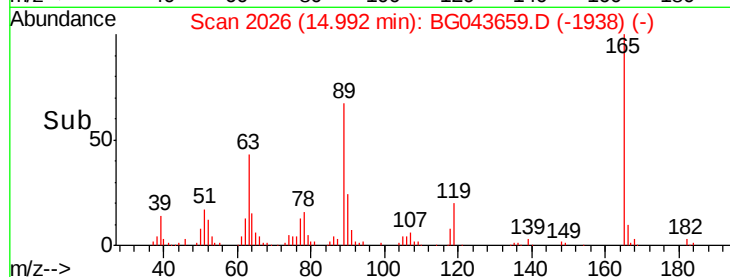
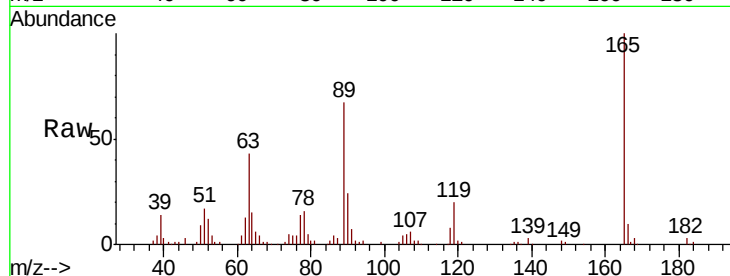




#57
2,4-Dinitrotoluene
Concen: 42.126 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

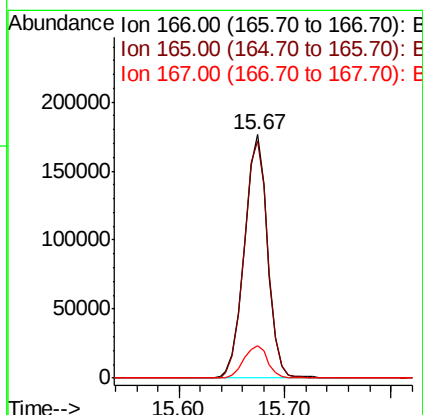
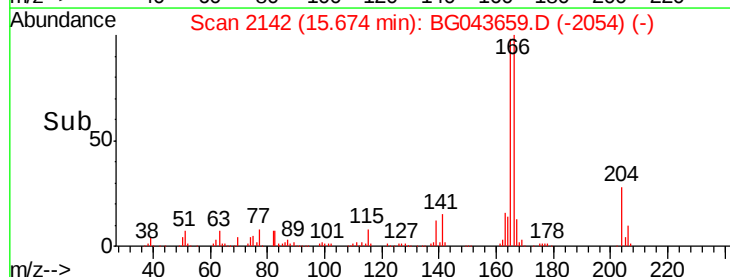
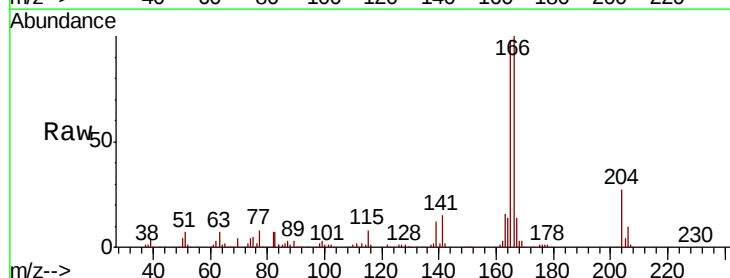
Instrument :
BNA_G
ClientSampleId :
PB124785BS

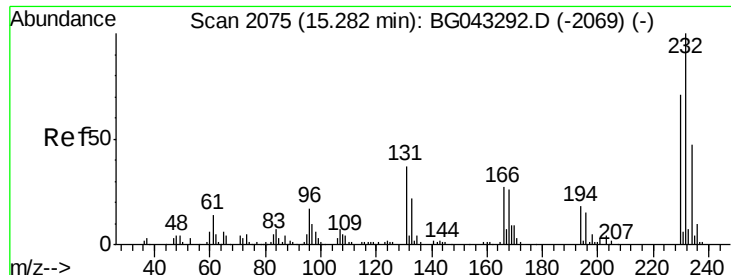
Tot Ion:165 Resp: 88140
Ion Ratio Lower Upper
165 100
63 43.1 33.2 49.8
89 66.9 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 41.090 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:166 Resp: 267132
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 13.6 10.5 15.7

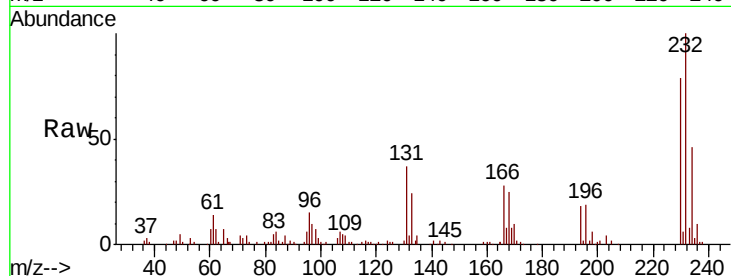




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.917 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

Tot Ion:	232	Resp:	83339
Ion	Ratio	Lower	Upper
232	100		
131	37.5	26.9	40.3
130	2.1	1.8	2.6
166	26.7	20.9	31.3



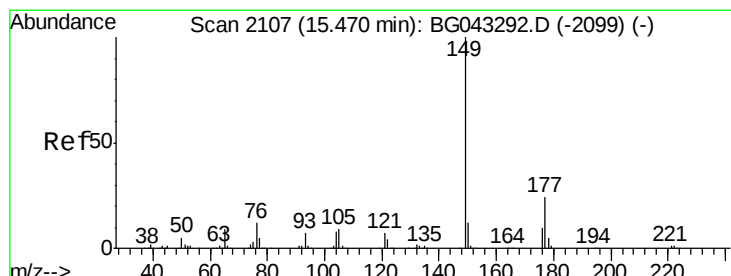
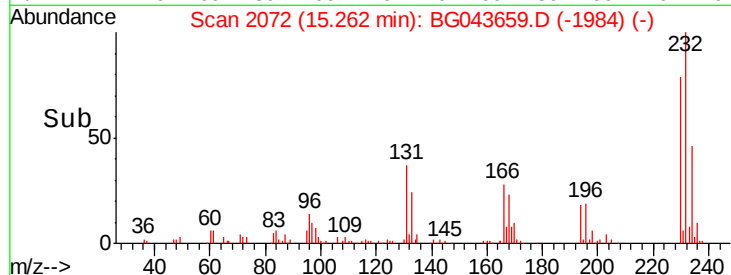
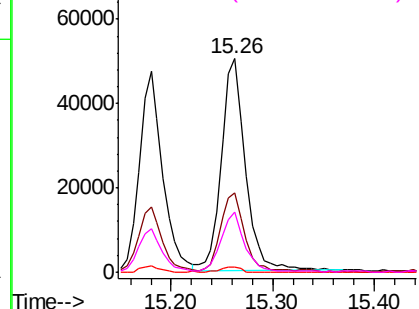
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

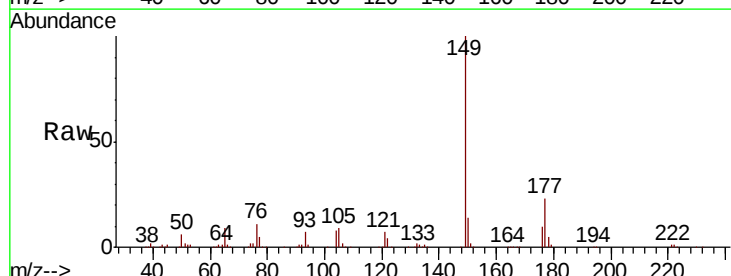
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.946 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion:	149	Resp:	277259
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.6	29.4
150	13.5	10.8	16.2

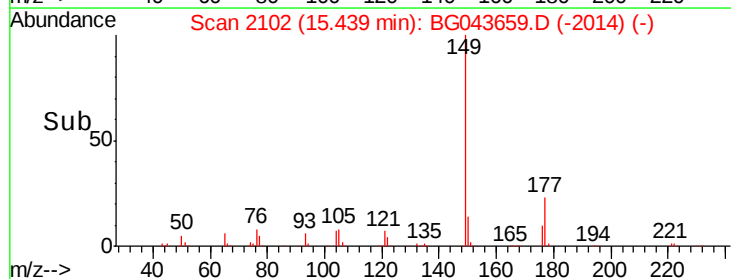
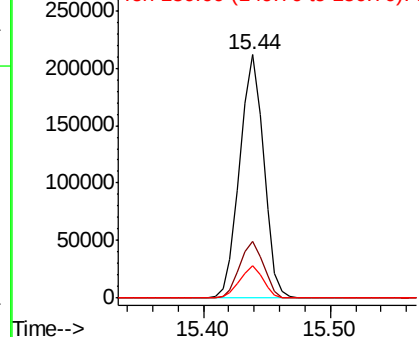


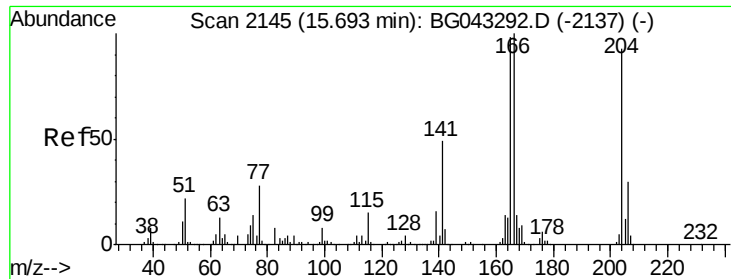
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

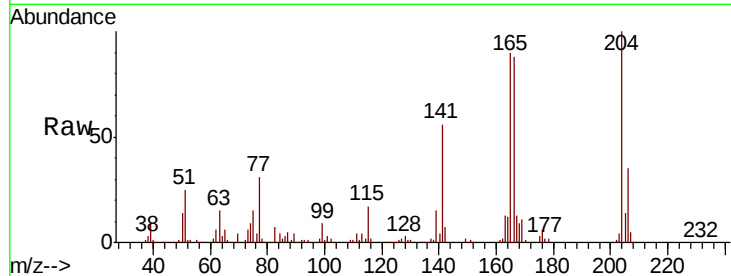




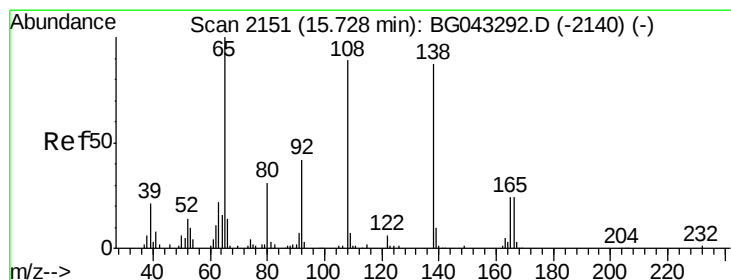
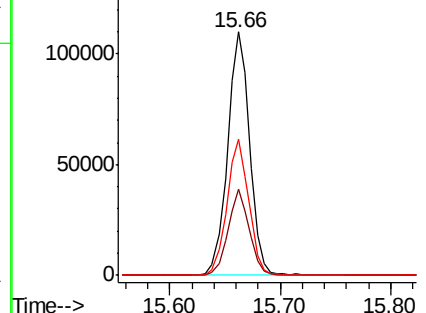
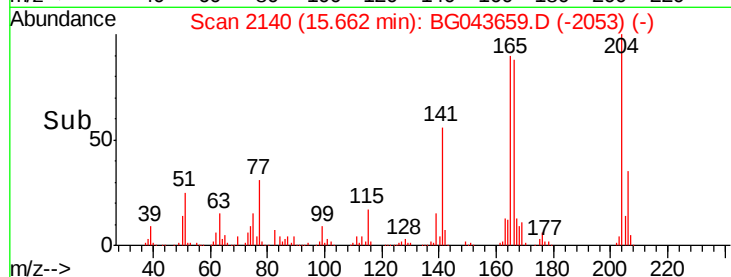
#61
 4-Chlorophenyl-phenylether
 Concen: 40.393 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Instrument :
 BNA_G
 ClientSampleID :
 PB124785BS

Tot Ion:204 Resp: 153192
 Ion Ratio Lower Upper
 204 100
 206 35.2 28.4 42.6
 141 56.0 43.0 64.6

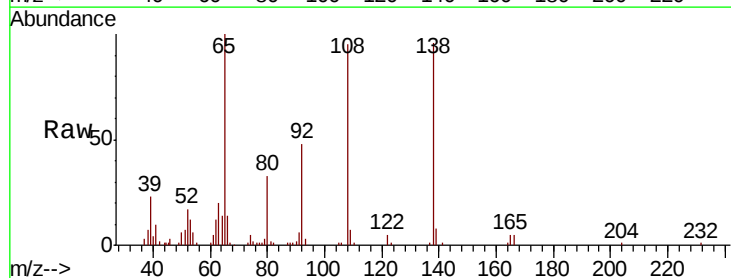


Abundance Ion 204.00 (203.70 to 204.70): E
 150000
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

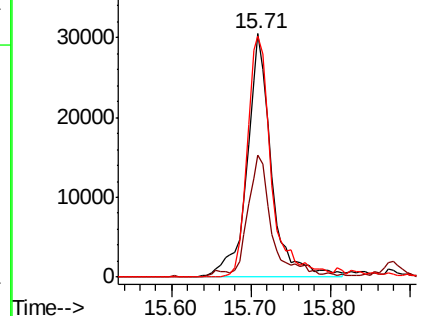
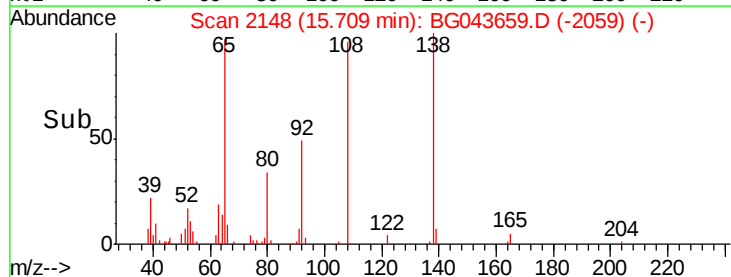


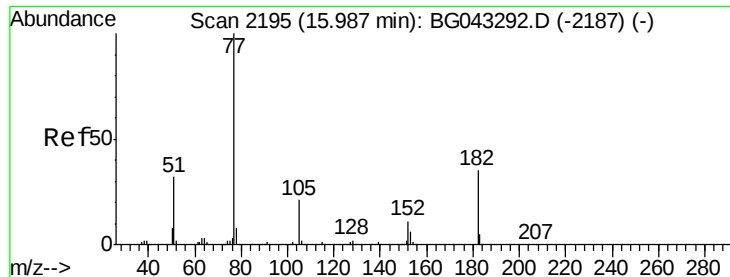
#62
 4-Nitroaniline
 Concen: 44.386 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion:138 Resp: 64795
 Ion Ratio Lower Upper
 138 100
 92 49.9 33.4 73.4
 108 98.9 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E
 40000
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.314 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

Tot Ion: 77 Resp: 226407

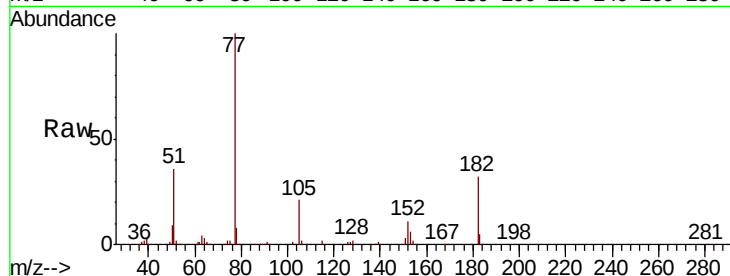
Ion Ratio Lower Upper

77 100

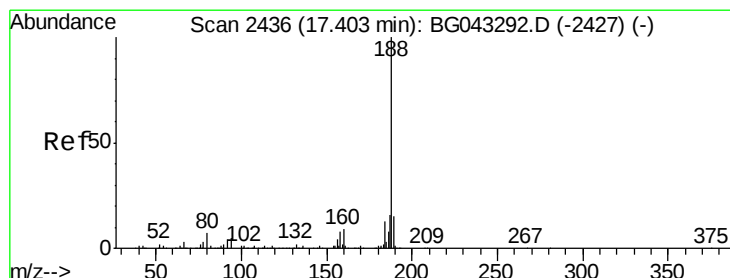
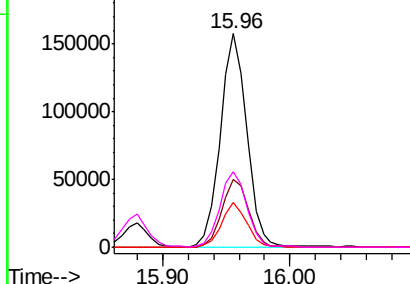
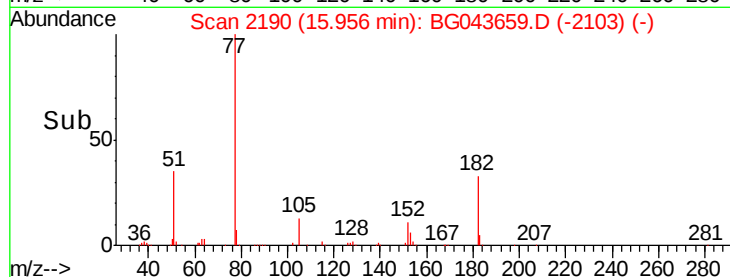
182 31.9 13.7 53.7

105 20.7 0.4 40.4

51 35.6 11.0 51.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

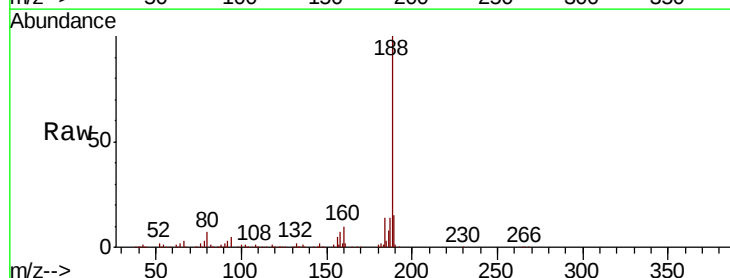
Tgt Ion: 188 Resp: 218059

Ion Ratio Lower Upper

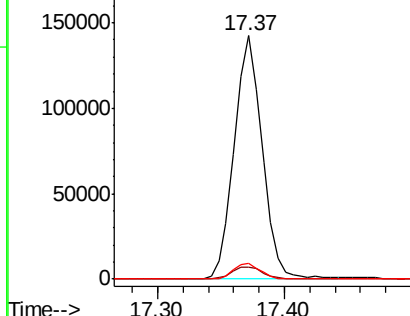
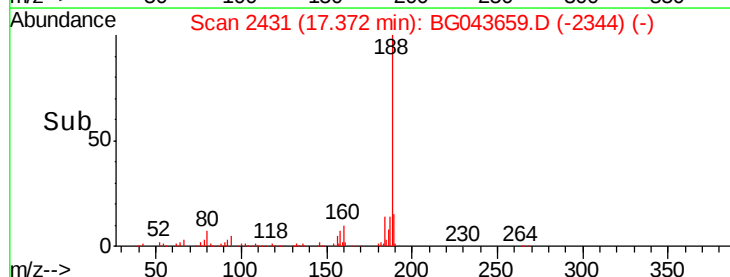
188 100

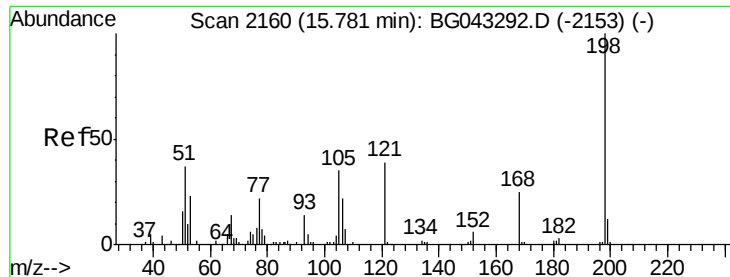
94 4.9 4.2 6.4

80 6.5 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

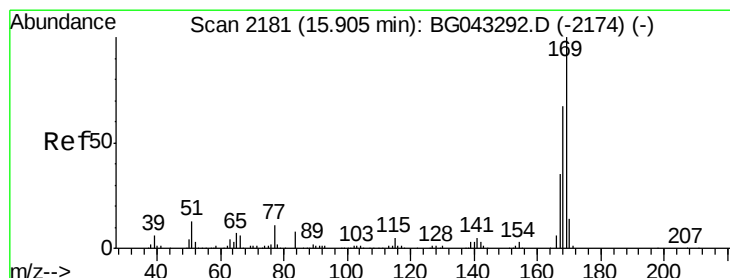
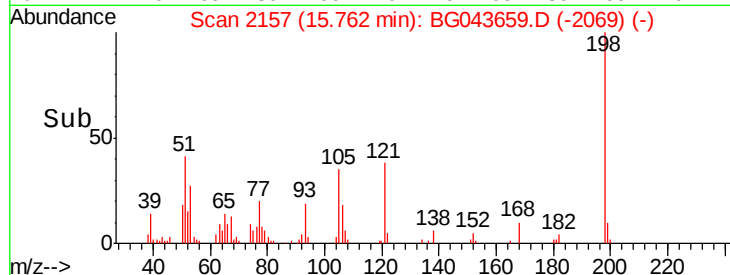
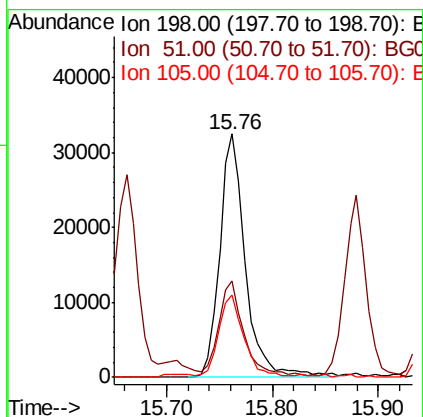
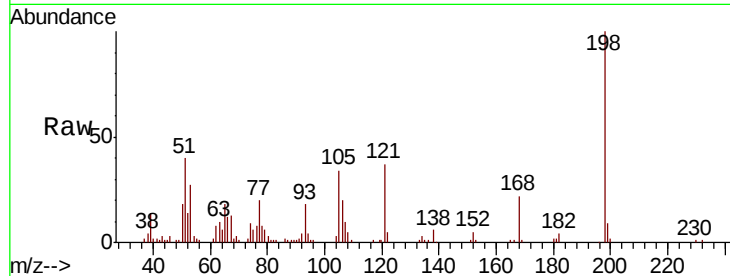




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.752 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

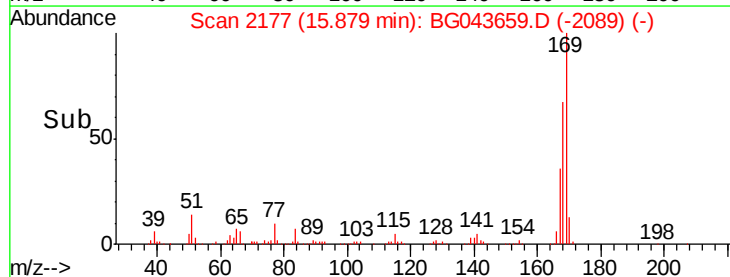
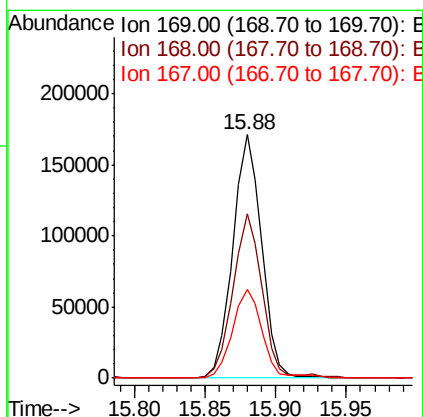
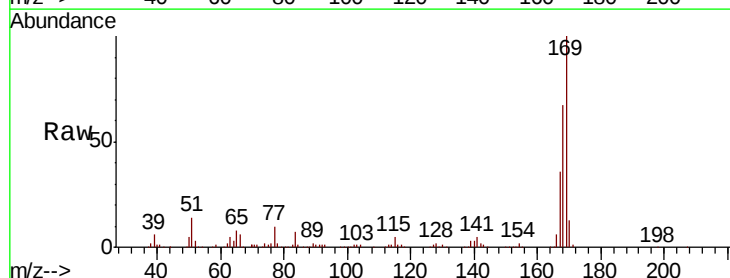
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BS

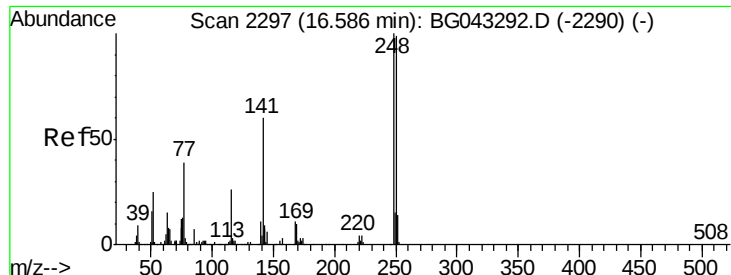
Tot Ion	198	Resp	54863
Ion Ratio	100	Lower	Upper
51	39.6	13.2	53.2
105	33.9	15.8	55.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.467 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG043659.D
 Acq: 15 Nov 2019 20:32

Tgt Ion	169	Resp	242972
Ion Ratio	100	Lower	Upper
168	67.3	53.8	80.6
167	36.3	27.5	41.3

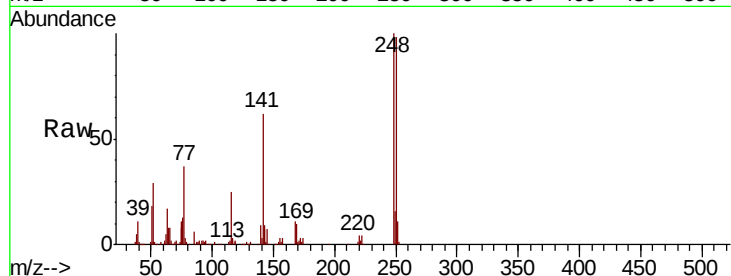




#67
4-Bromophenyl-phenylether
Concen: 37.724 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Instrument :
BNA_G
ClientSampleId :
PB124785BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.4
141	62.1	47.5	71.3

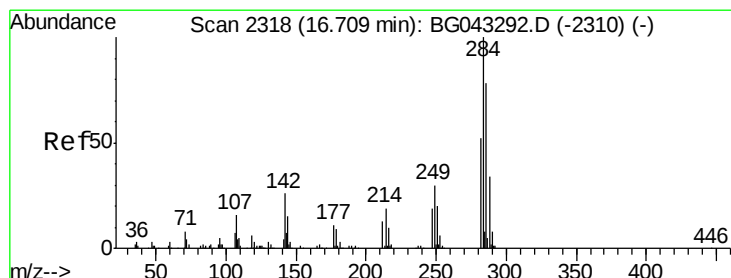
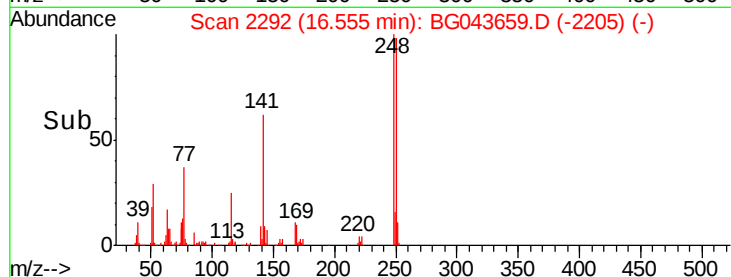
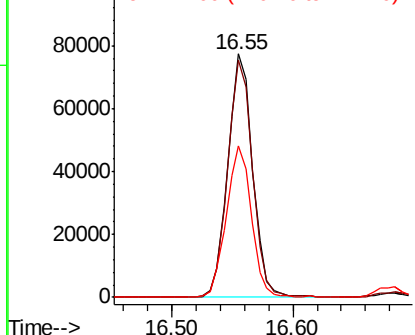


Abundance

Ion 248.00 (247.70 to 248.70): E

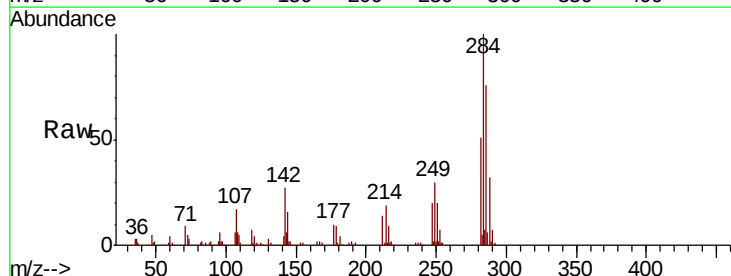
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.032 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	19.8	29.8
249	30.3	23.8	35.6

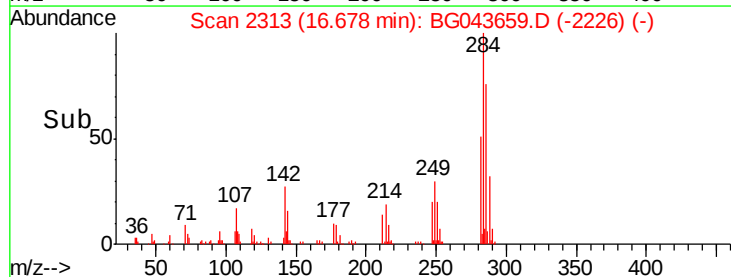
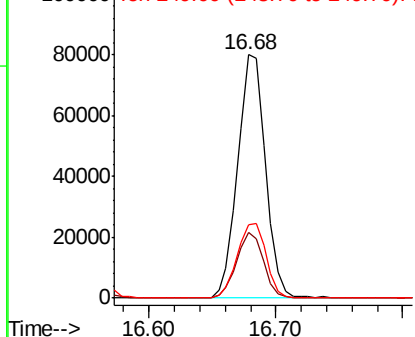


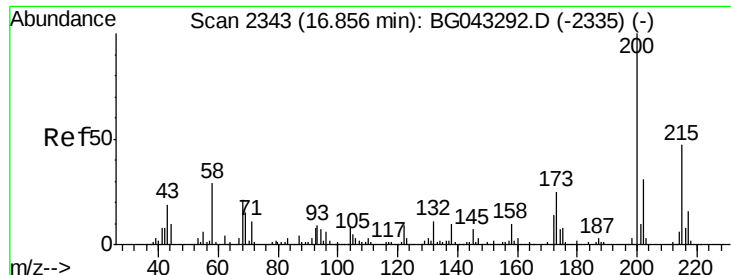
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.295 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

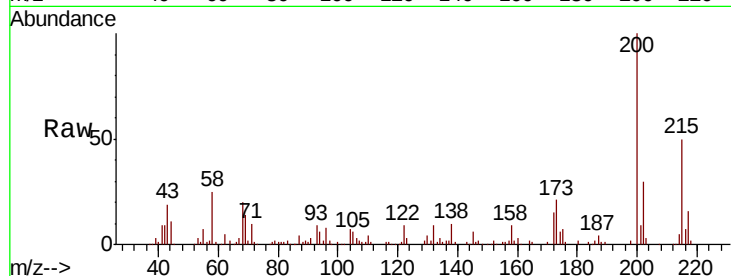
Tot Ion:200 Resp: 94757

Ion Ratio Lower Upper

200 100

173 20.6 4.7 44.7

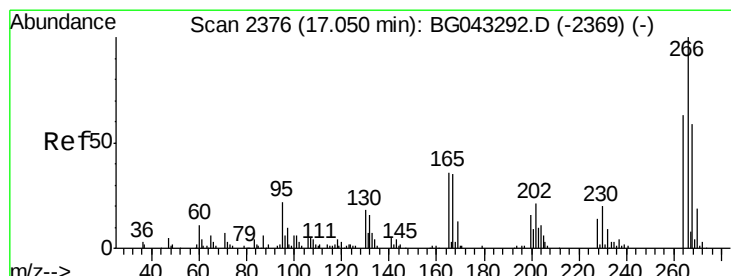
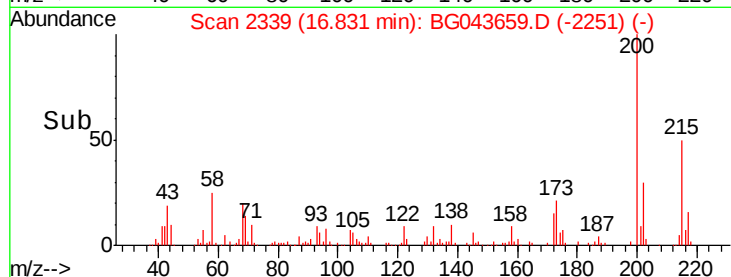
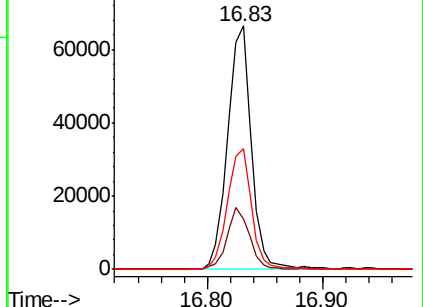
215 49.8 28.5 68.5



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: 72.660 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

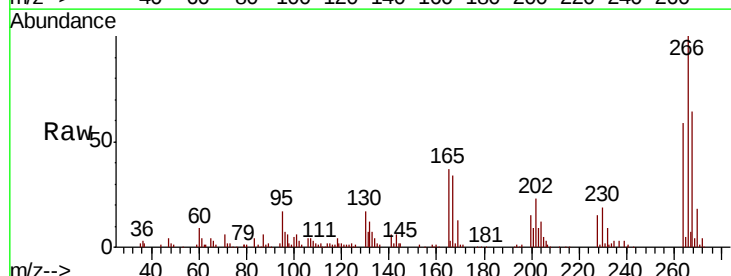
Tgt Ion:266 Resp: 111527

Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

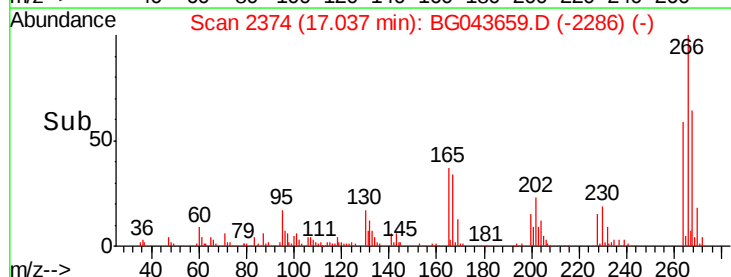
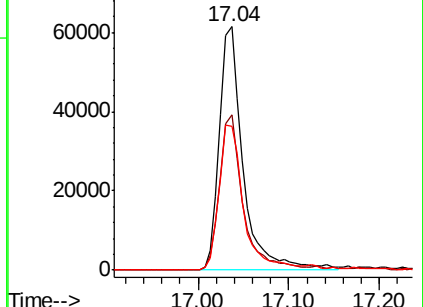
264 59.2 48.9 73.3

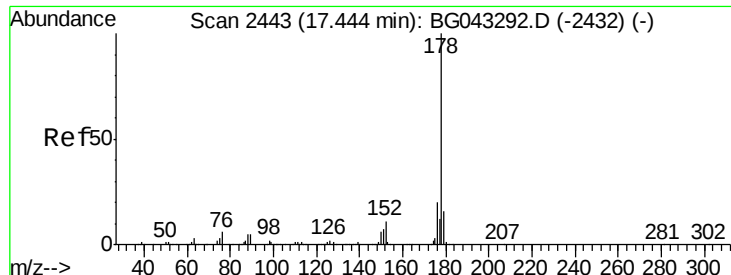


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

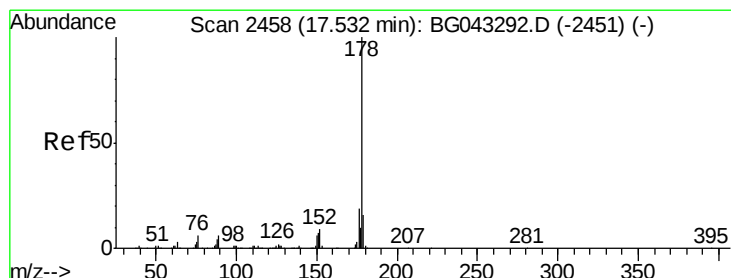
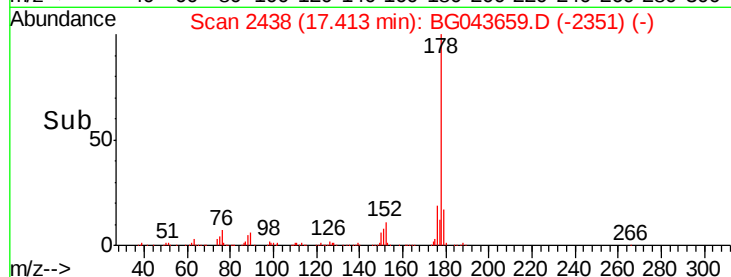
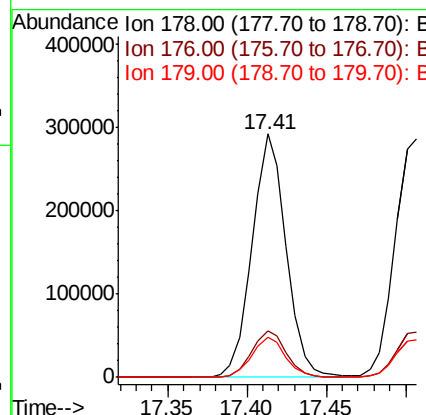
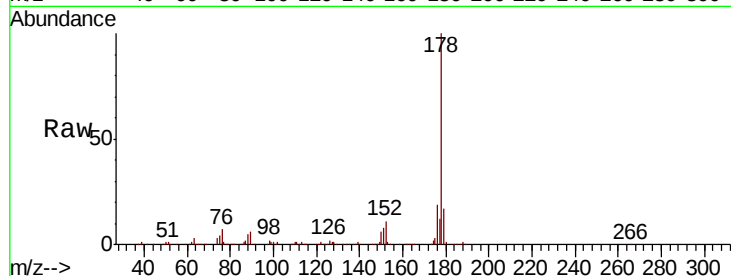




#71
Phenanthrene
Concen: 38.973 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

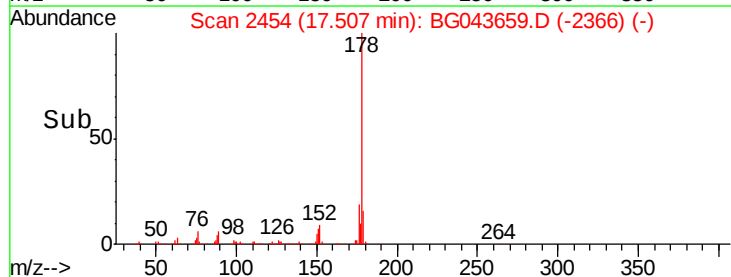
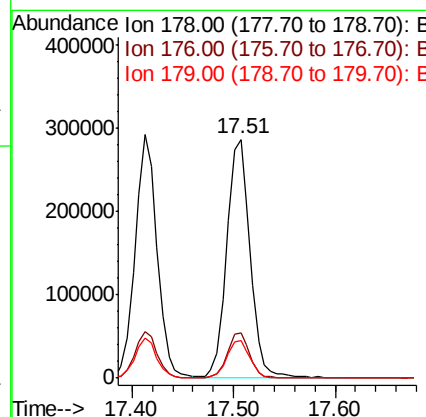
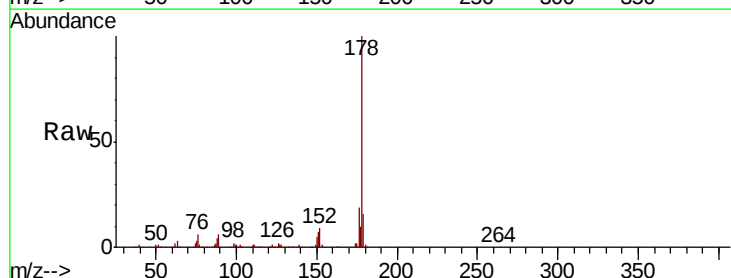
Instrument :
BNA_G
ClientSampleId :
PB124785BS

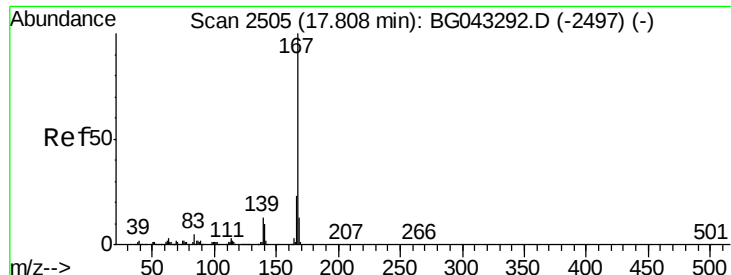
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.5	13.0	19.6



#72
Anthracene
Concen: 40.779 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.9	13.7	20.5





#73

Carbazole

Concen: 41.279 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

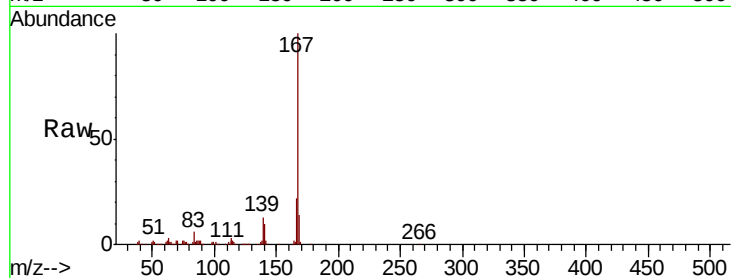
Tot Ion:167 Resp: 417629

Ion Ratio Lower Upper

167 100

166 21.9 18.7 28.1

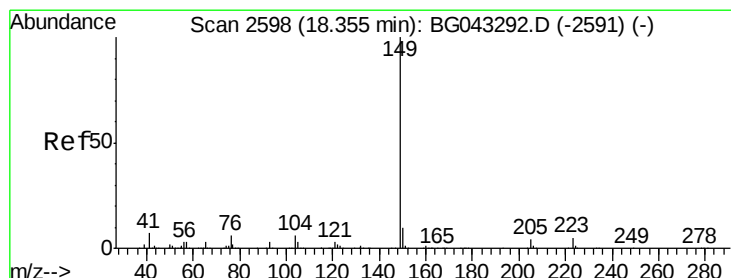
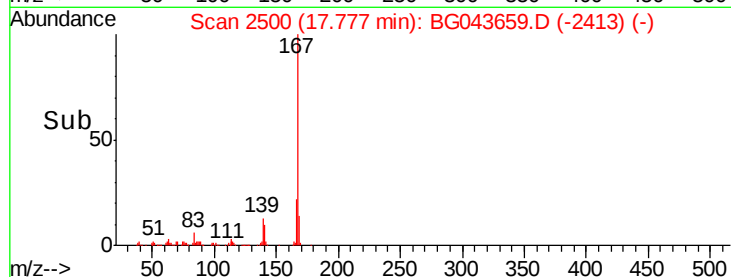
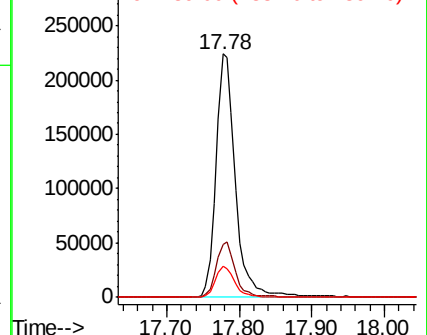
139 13.0 10.0 15.0



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: 40.025 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

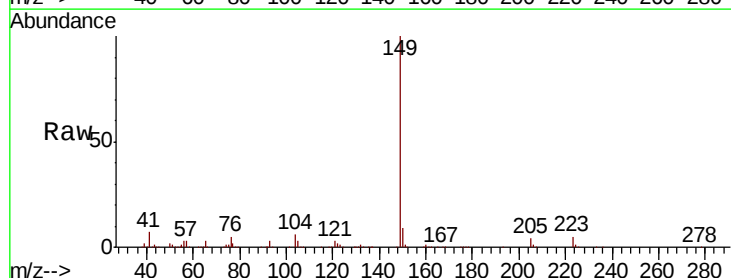
Tgt Ion:149 Resp: 491340

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

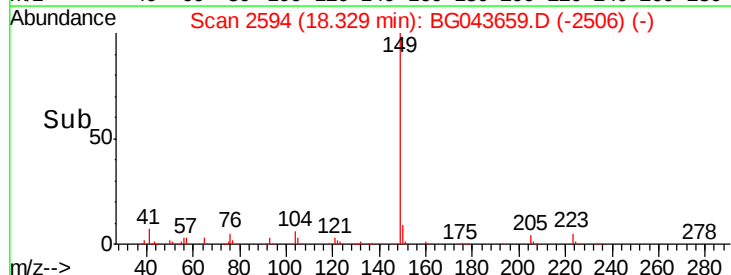
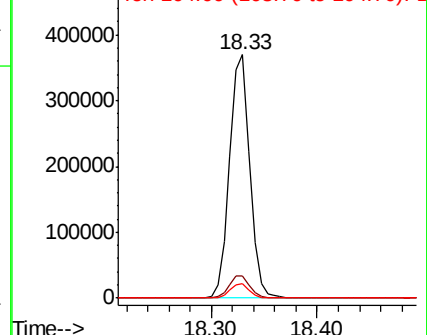
104 5.7 4.4 6.6

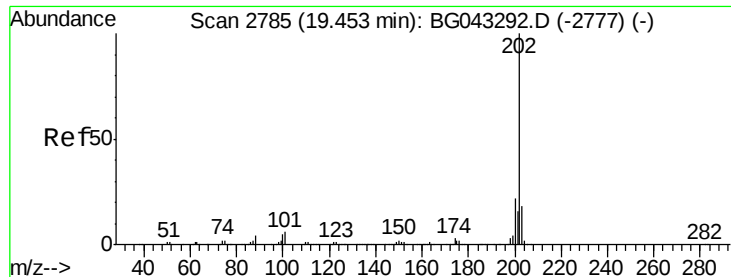


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.067 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

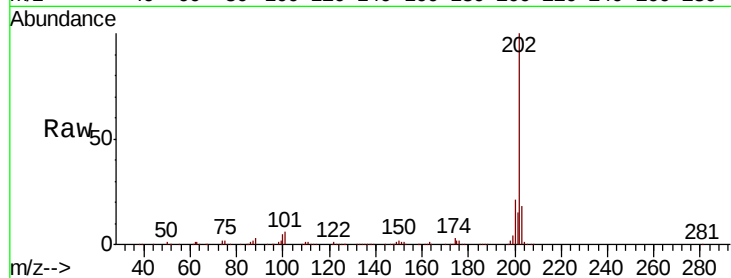
Tot Ion:202 Resp: 597823

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.3

203 17.9 0.0 37.9

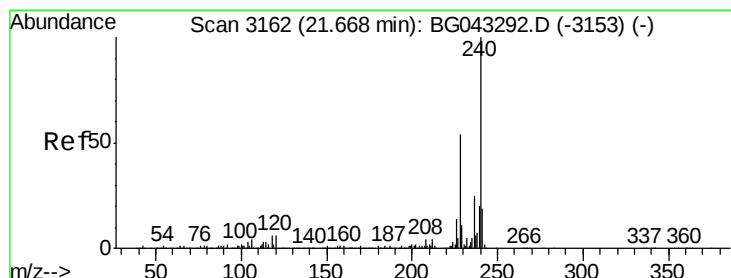
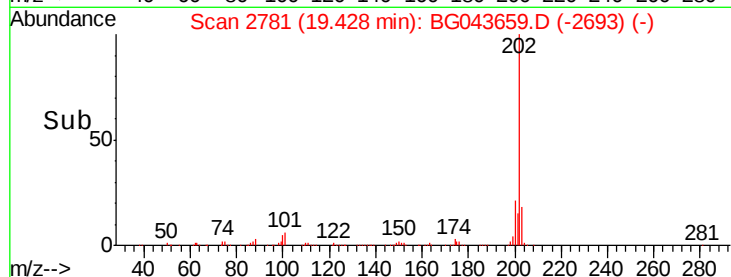
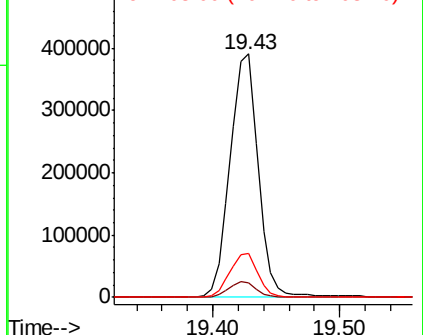


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

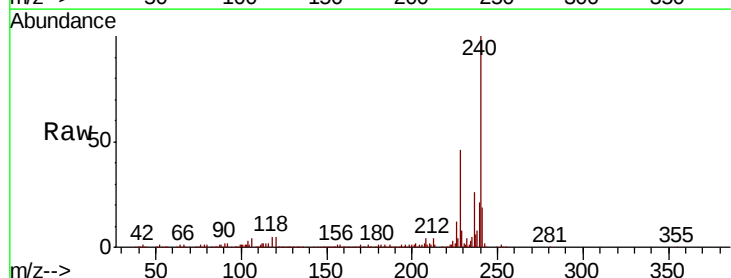
Tgt Ion:240 Resp: 249753

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

236 25.7 19.8 29.8

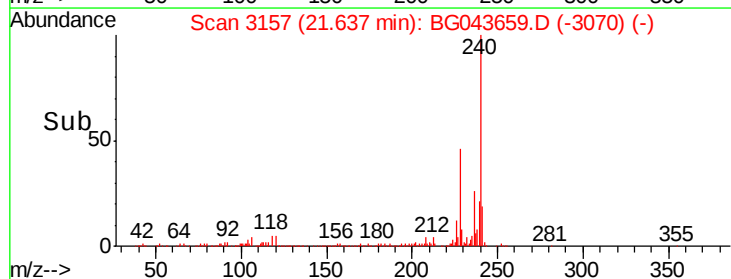
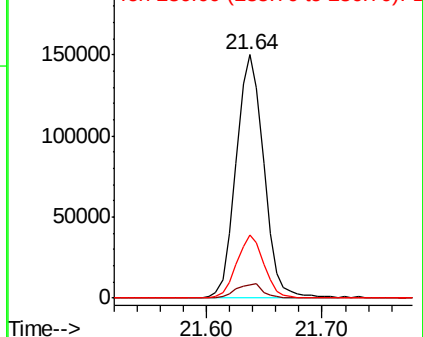


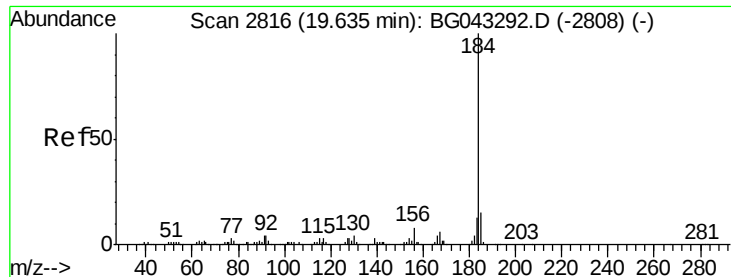
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.508 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

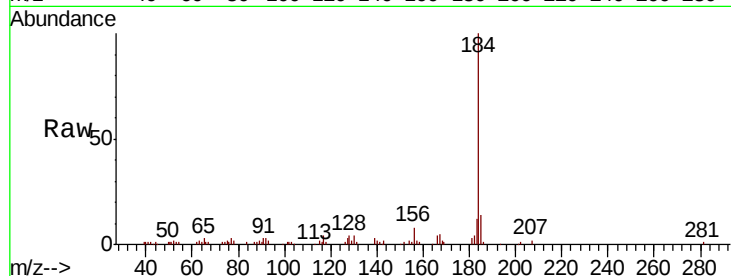
Tot Ion:184 Resp: 108105

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

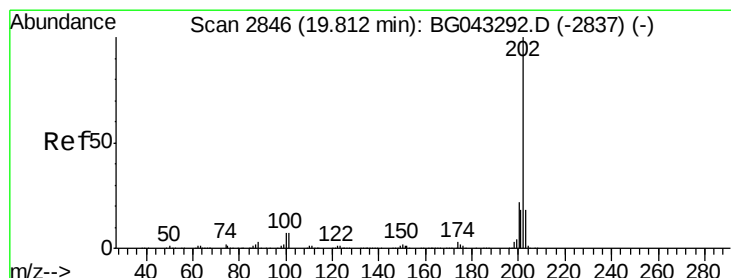
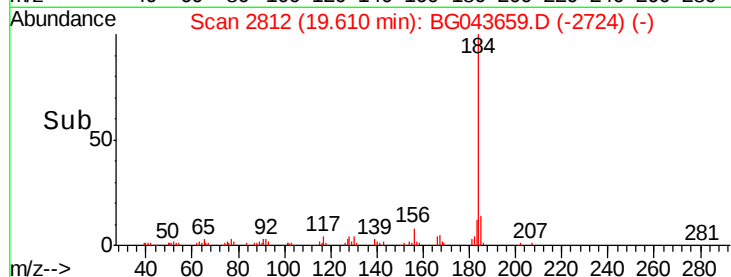
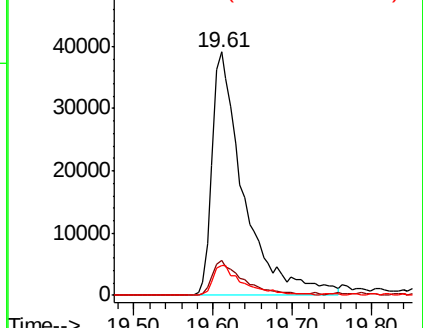
183 12.1 10.0 15.0



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: 39.925 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

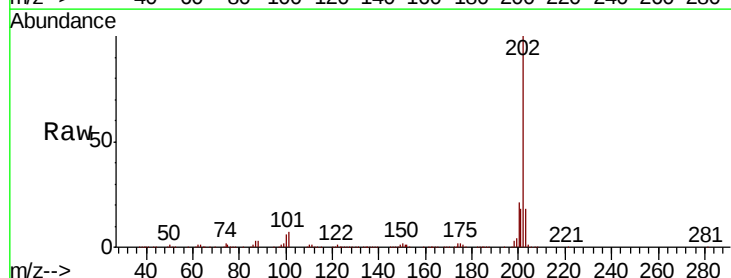
Tgt Ion:202 Resp: 617214

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

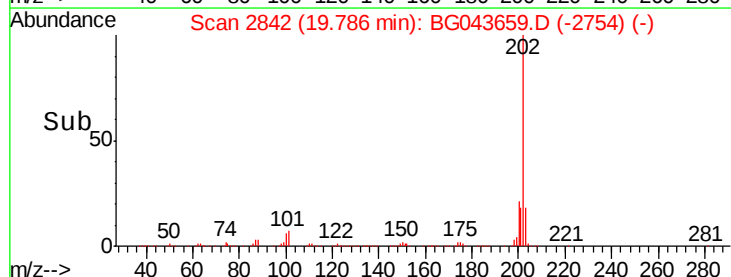
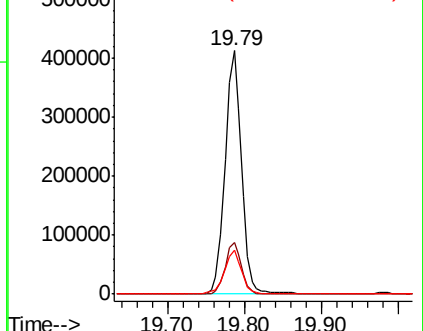
203 17.9 14.7 22.1

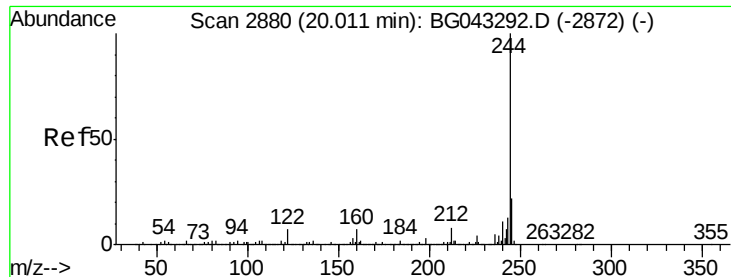


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.179 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

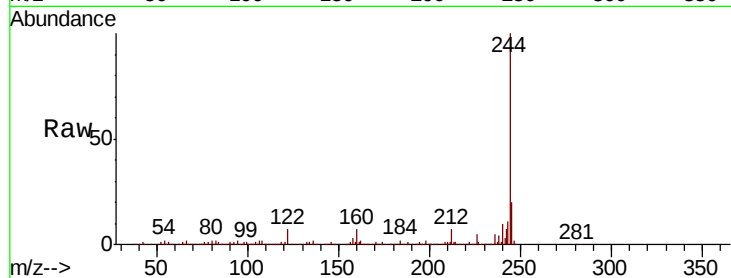
Tot Ion:244 Resp: 894331

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

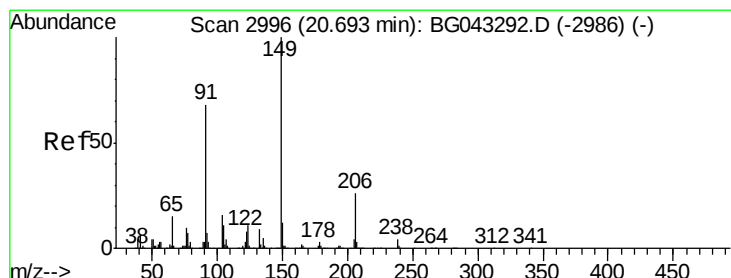
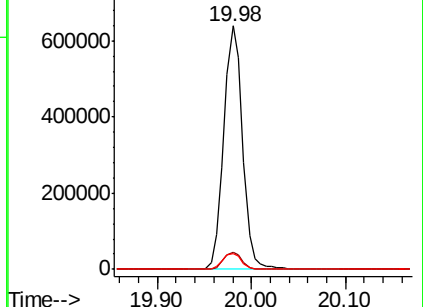
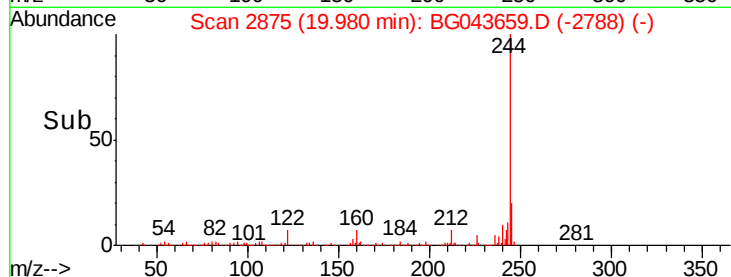
122 6.7 5.4 8.2



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: 39.104 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

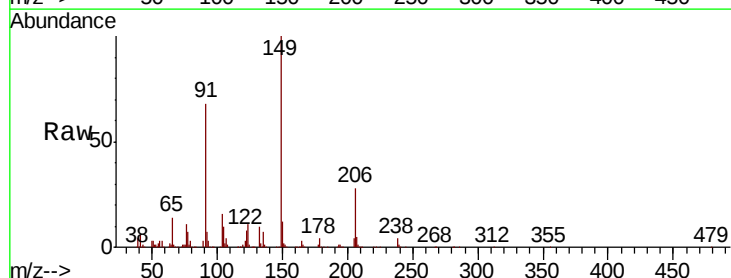
Tgt Ion:149 Resp: 229029

Ion Ratio Lower Upper

149 100

91 67.9 51.2 76.8

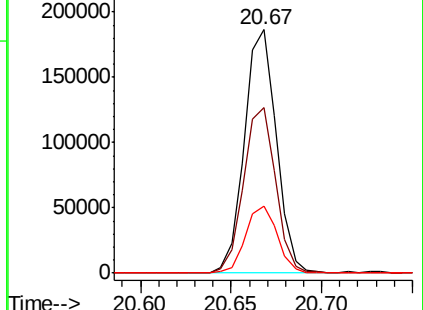
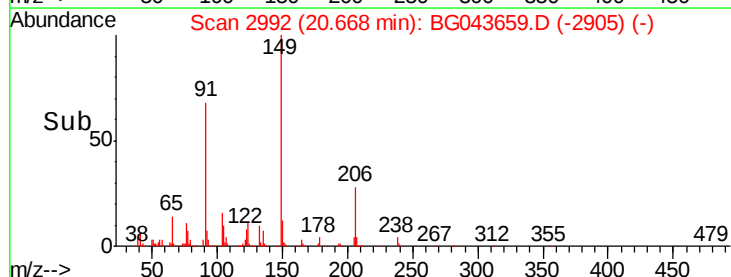
206 27.6 22.5 33.7

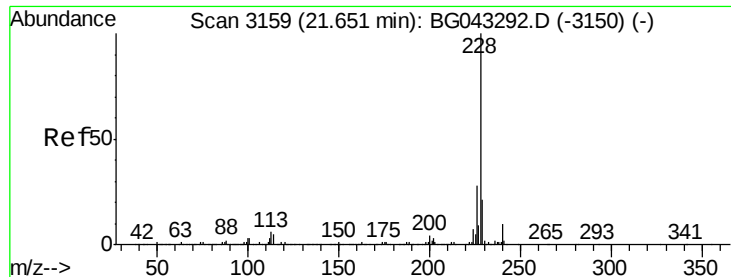


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.703 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

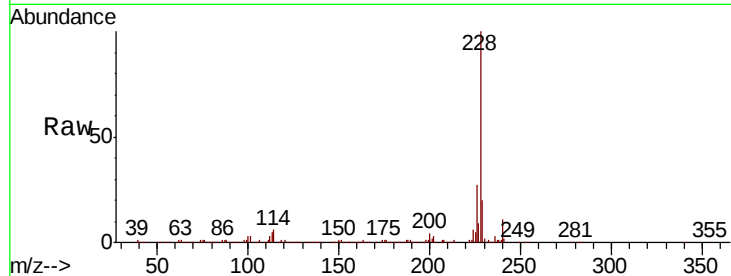
Tot Ion:228 Resp: 621129

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 20.1 17.0 25.4

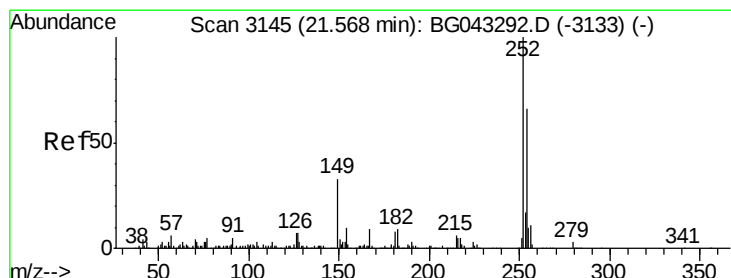
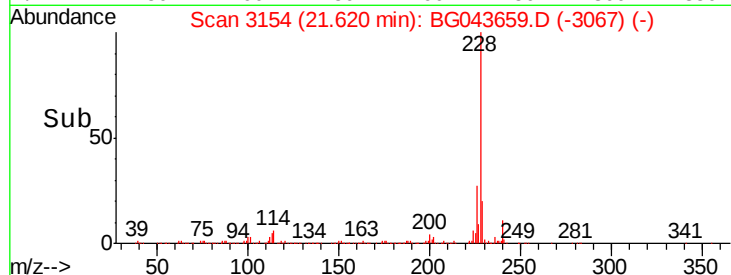
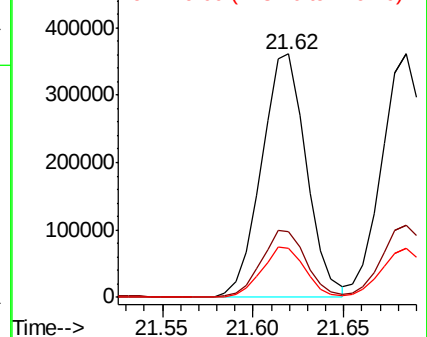


Abundance

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: 35.450 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

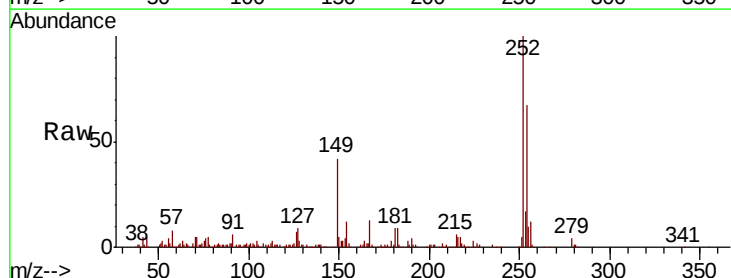
Tgt Ion:252 Resp: 214505

Ion Ratio Lower Upper

252 100

254 67.1 50.8 76.2

126 7.2 6.1 9.1

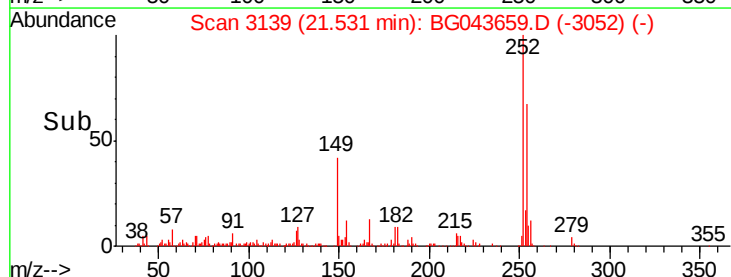
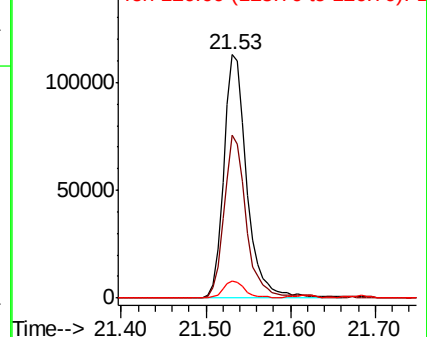


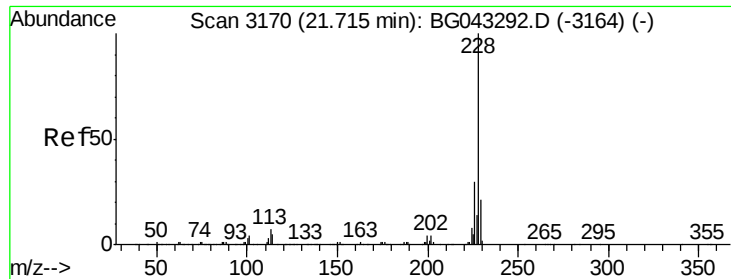
Abundance

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: 39.651 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

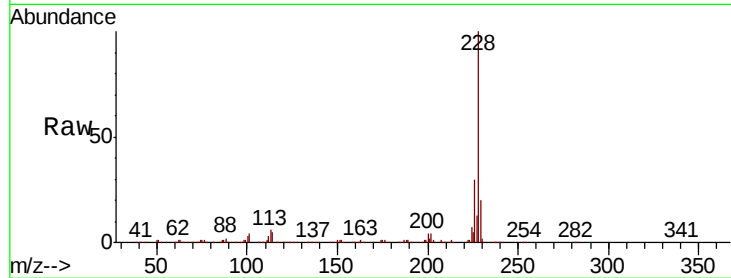
Tot Ion:228 Resp: 616329

Ion Ratio Lower Upper

228 100

226 29.8 25.1 37.7

229 19.9 17.0 25.4

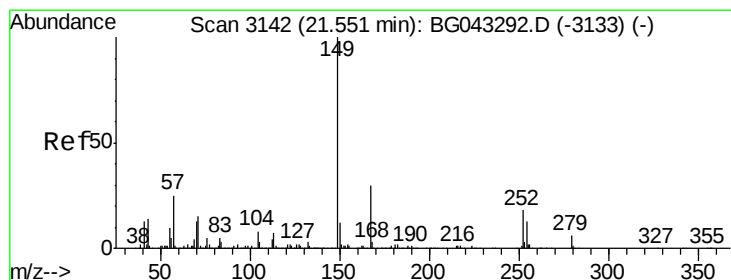
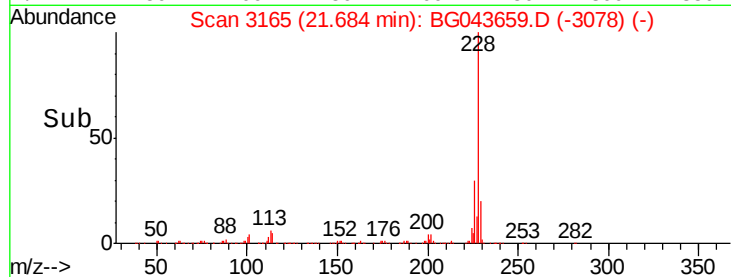
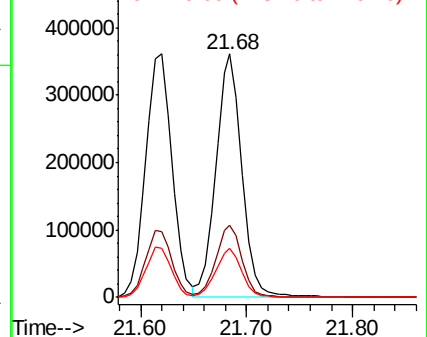


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.643 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

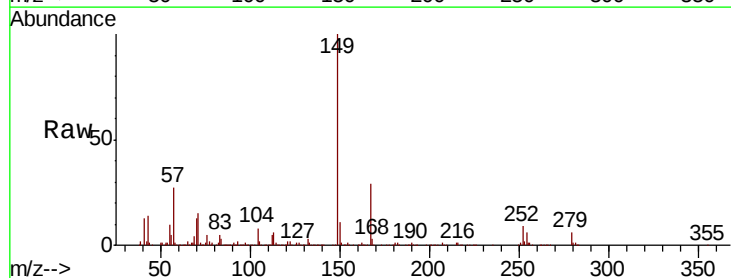
Tgt Ion:149 Resp: 338149

Ion Ratio Lower Upper

149 100

167 29.3 24.0 36.0

279 6.0 5.4 8.2

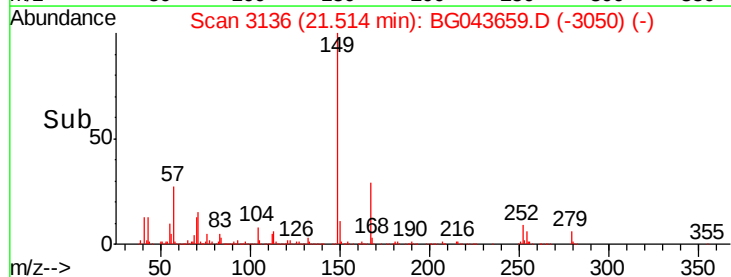
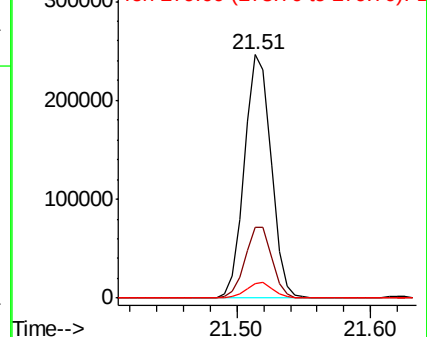


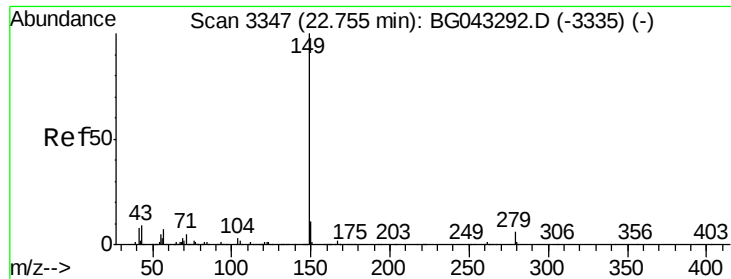
Abundance

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: 41.019 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

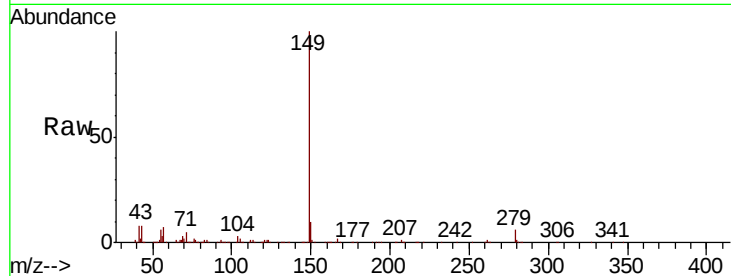
Tot Ion:149 Resp: 578991

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

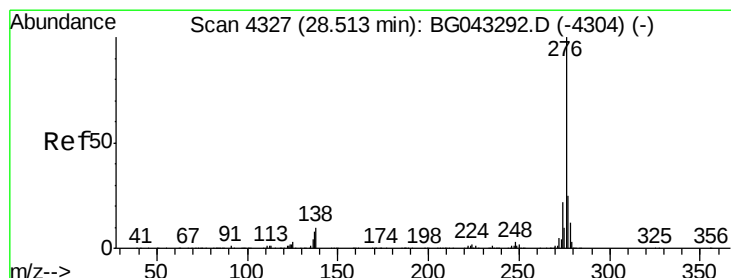
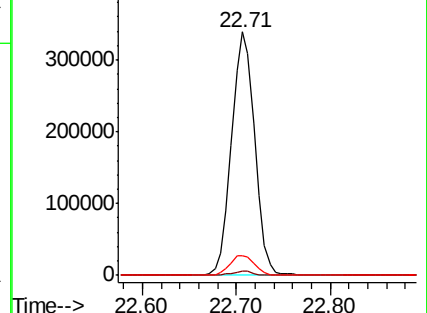
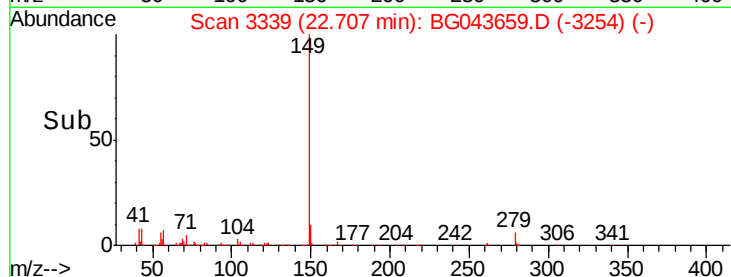
43 8.7 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.036 ng

RT: 28.45 min Scan# 4316

Delta R.T. -0.05 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

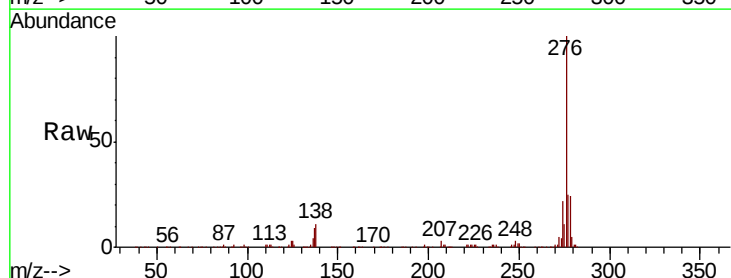
Tgt Ion:276 Resp: 800678

Ion Ratio Lower Upper

276 100

138 9.5 6.8 10.2

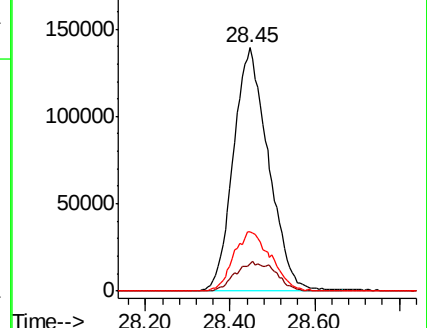
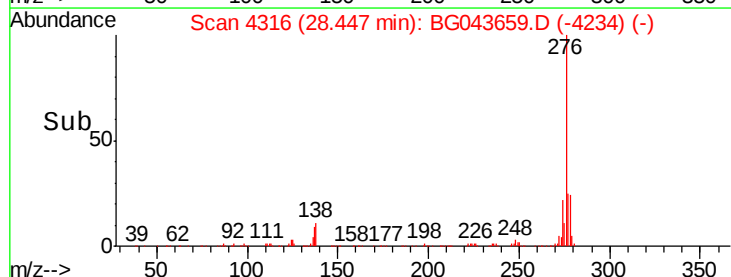
277 26.0 20.9 31.3

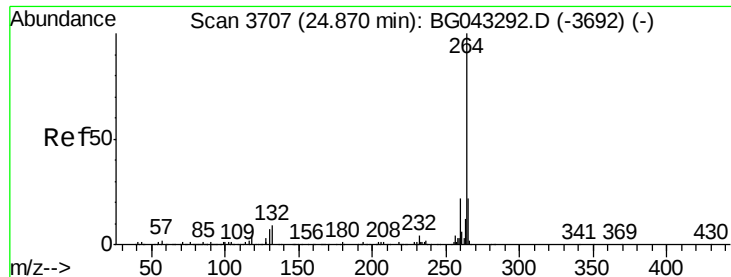


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

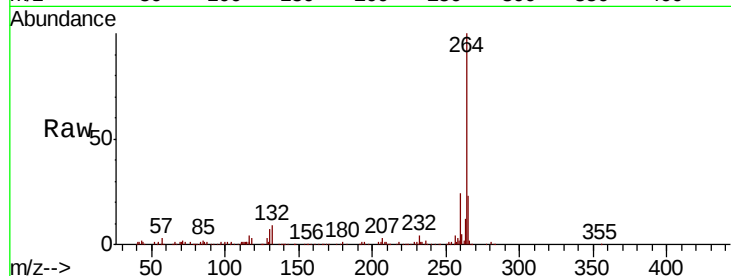
Tot Ion:264 Resp: 283800

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.5	26.3
265	23.2	17.4	26.0

264 100

260 24.2 17.5 26.3

265 23.2 17.4 26.0

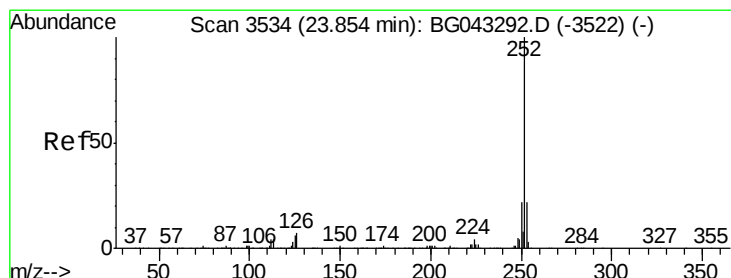
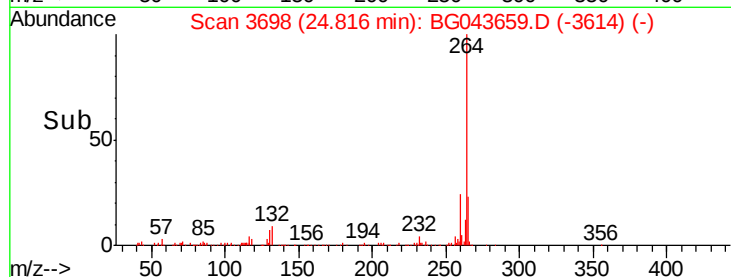
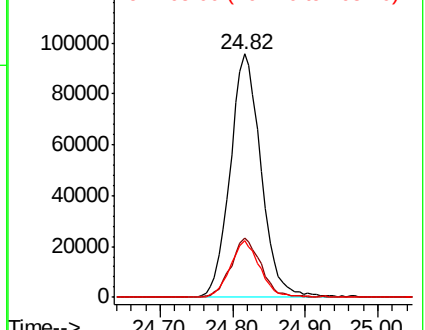


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.144 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

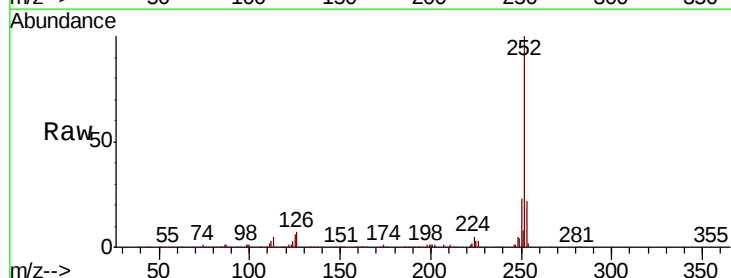
Tgt Ion:252 Resp: 661322

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.9	4.5	6.7

252 100

253 22.3 17.7 26.5

125 5.9 4.5 6.7

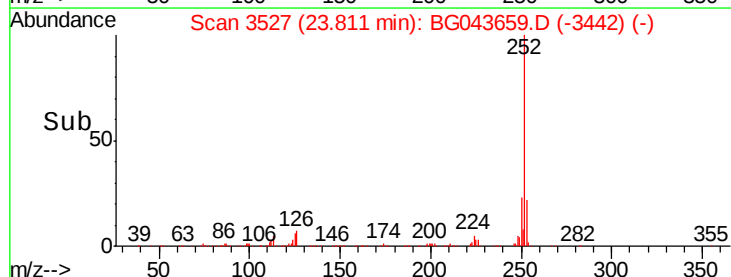
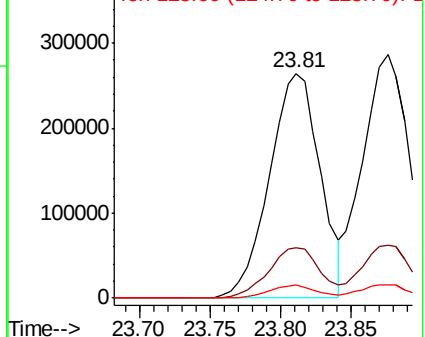


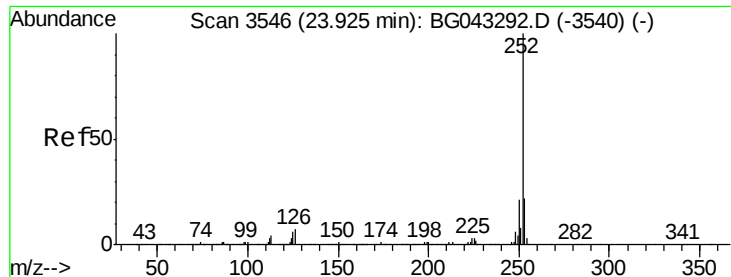
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

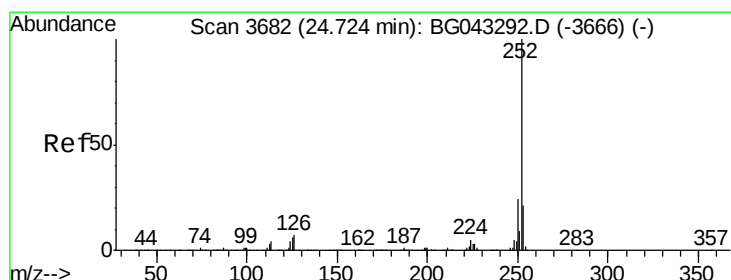
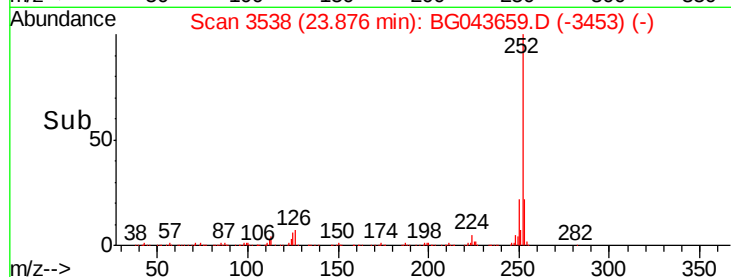
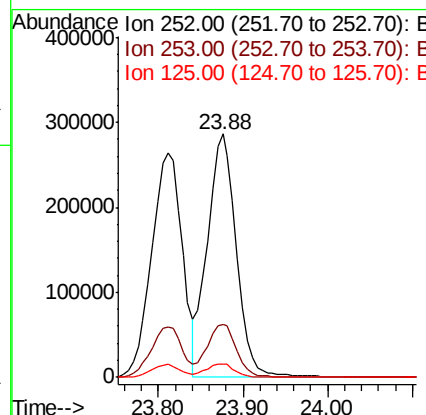
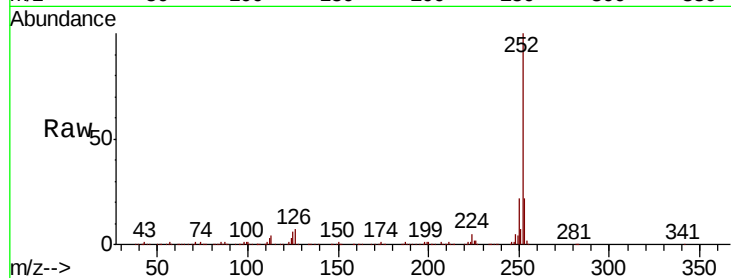




#89
Benzo(k)fluoranthene
Concen: 42.140 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

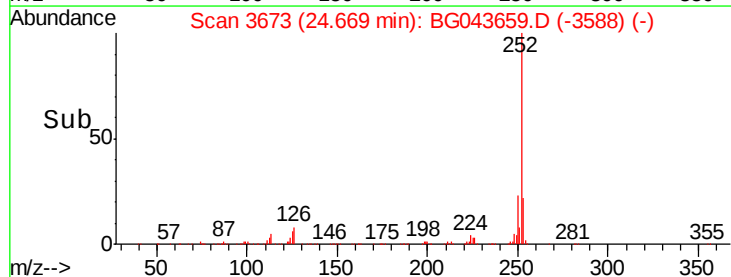
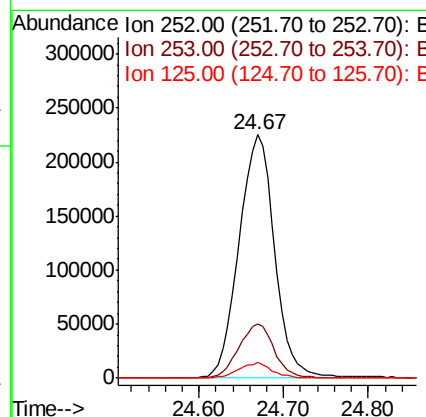
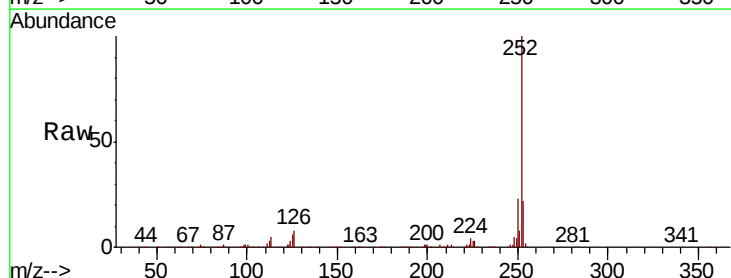
Instrument :
BNA_G
ClientSampleId :
PB124785BS

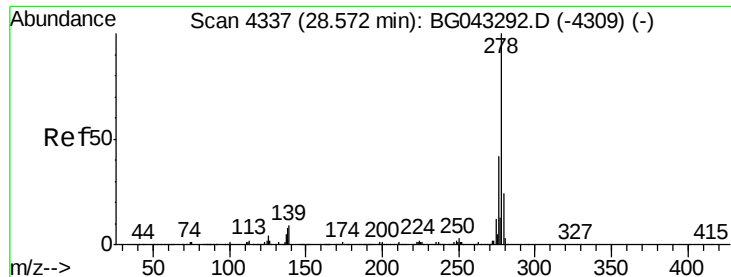
Tot Ion:252 Resp: 681875
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 5.6 4.6 6.8



#90
Benzo(a)pyrene
Concen: 42.921 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043659.D
Acq: 15 Nov 2019 20:32

Tgt Ion:252 Resp: 658791
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.402 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

Instrument :

BNA_G

ClientSampleId :

PB124785BS

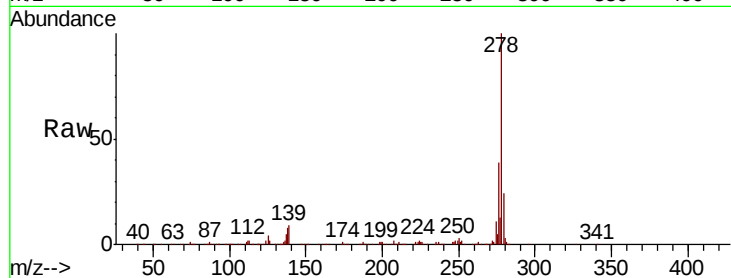
Tot Ion:278 Resp: 681410

Ion Ratio Lower Upper

278 100

139 8.9 7.4 11.0

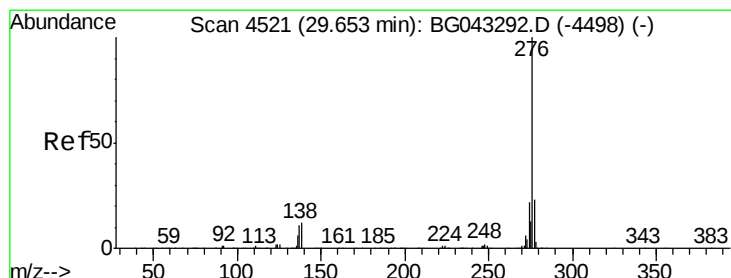
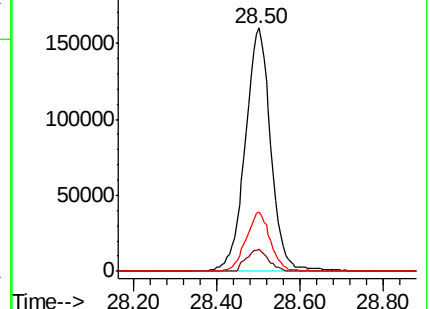
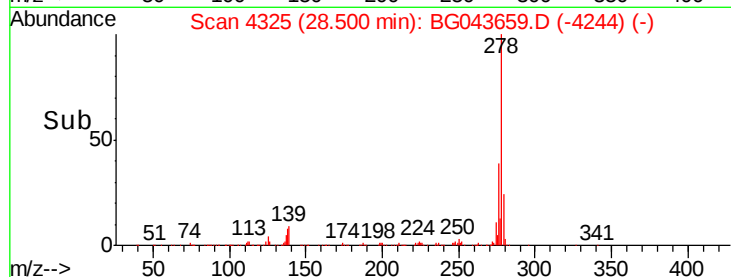
279 24.2 19.1 28.7



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: 42.671 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043659.D

Acq: 15 Nov 2019 20:32

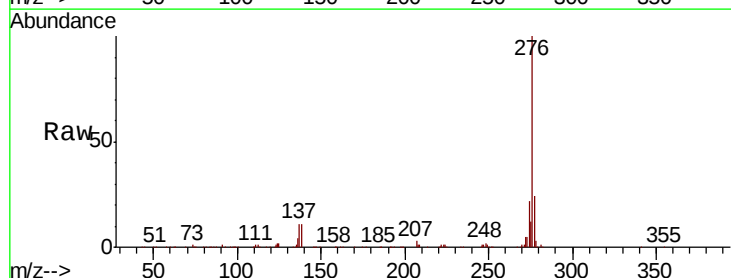
Tgt Ion:276 Resp: 660822

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 10.8 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

