

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043712.D
 Acq On : 20 Nov 2019 1:25
 Operator : JU
 Sample : PB124943BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Quant Time: Nov 20 04:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27249	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	115928	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	82601	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	200817	20.00	ng	0.00
76) Chrysene-d12	21.64	240	210312	20.00	ng	0.00
87) Perylene-d12	24.81	264	249029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	75755	50.94	ng	0.00
7) Phenol-d6	7.18	99	65536	30.63	ng	0.00
23) Nitrobenzene-d5	9.15	82	187621	83.44	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	182056	115.82	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	516106	86.34	ng	0.00
79) Terphenyl-d14	19.98	244	1019609	90.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	11703	20.196	ng	96
3) Pyridine	3.85	79	33698	23.053	ng	95
4) n-Nitrosodimethylamine	3.77	42	19996	27.109	ng	95
6) Aniline	7.32	93	37515	15.222	ng	97
8) 2-Chlorophenol	7.56	128	61634	37.547	ng	95
9) Benzaldehyde	7.13	77	44834	42.641	ng	96
10) Phenol	7.21	94	22799	11.662	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	66259	43.836	ng	95
12) 1,3-Dichlorobenzene	7.88	146	81066	39.416	ng	98
13) 1,4-Dichlorobenzene	8.02	146	81664	39.245	ng	95
14) 1,2-Dichlorobenzene	8.35	146	81327	40.029	ng	99
15) Benzyl Alcohol	8.24	79	48142	32.040	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	94418	42.959	ng	96
17) 2-Methylphenol	8.46	107	42317	29.691	ng	94
18) Hexachloroethane	9.07	117	28233	37.607	ng	92
19) n-Nitroso-di-n-propylamine	8.79	70	61916	44.786	ng	98
20) 3+4-Methylphenols	8.79	107	47664	24.389	ng	# 77
22) Acetophenone	8.81	105	121302	40.859	ng	# 97
24) Nitrobenzene	9.20	77	91388	42.663	ng	98
25) Isophorone	9.71	82	175117	42.596	ng	99
26) 2-Nitrophenol	9.91	139	44253	42.791	ng	95
27) 2,4-Dimethylphenol	9.98	122	57597	38.858	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	92988	40.982	ng	99
29) 2,4-Dichlorophenol	10.46	162	77885	41.010	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	94757	39.587	ng	99
31) Naphthalene	10.84	128	244785	41.599	ng	99
33) 4-Chloroaniline	10.98	127	9020	3.739	ng	# 91
34) Hexachlorobutadiene	11.13	225	62569	35.361	ng	98
35) Caprolactam	11.73	113	5784	8.843	ng	# 87
36) 4-Chloro-3-methylphenol	12.10	107	77172	37.253	ng	97
37) 2-Methylnaphthalene	12.45	142	193320	42.817	ng	97
38) 1-Methylnaphthalene	12.66	142	186502	43.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	126480	41.375	ng	99
41) Hexachlorocyclopentadiene	12.79	237	114837	71.513	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	75640	42.016	ng	94
44) 2,4,5-Trichlorophenol	13.15	196	81384	44.716	ng	98
46) 1,1'-Biphenyl	13.46	154	272599	43.381	ng	97
47) 2-Chloronaphthalene	13.50	162	204005	42.668	ng	97
48) 2-Nitroaniline	13.71	65	62370	43.646	ng	98
49) Acenaphthylene	14.34	152	342640	46.046	ng	99
50) Dimethylphthalate	14.08	163	279989	43.762	ng	100
51) 2,6-Dinitrotoluene	14.20	165	63903	45.975	ng	97
52) Acenaphthene	14.69	154	201645	44.436	ng	97
53) 3-Nitroaniline	14.54	138	16727	12.464	ng	83
54) 2,4-Dinitrophenol	14.75	184	52770	62.546	ng	# 86
55) Dibenzofuran	15.02	168	337027	45.798	ng	99
56) 4-Nitrophenol	14.89	139	16267	18.089	ng	# 81
57) 2,4-Dinitrotoluene	14.99	165	90156	45.386	ng	# 95
58) Fluorene	15.67	166	275030	44.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	82896	42.869	ng	# 99
60) Diethylphthalate	15.44	149	278098	43.259	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	161223	44.776	ng	96
62) 4-Nitroaniline	15.71	138	56332	40.646	ng	96
63) Azobenzene	15.95	77	236313	45.420	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	48966	41.433	ng	96
66) n-Nitrosodiphenylamine	15.88	169	248119	43.763	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	112646	41.681	ng	94
68) Hexachlorobenzene	16.68	284	124648	40.181	ng	98
69) Atrazine	16.82	200	107056	54.342	ng	96
70) Pentachlorophenol	17.03	266	102040	72.187	ng	99
71) Phenanthrene	17.41	178	445025	43.276	ng	100
72) Anthracene	17.50	178	459992	44.709	ng	99
73) Carbazole	17.78	167	407005	43.683	ng	99
74) Di-n-butylphthalate	18.32	149	485365	42.933	ng	100
75) Fluoranthene	19.42	202	590306	44.032	ng	99
77) Benzidine	19.61	184	100034	23.634	ng	96
78) Pyrene	19.79	202	594838	45.693	ng	99
80) Butylbenzylphthalate	20.66	149	220567	44.721	ng	99
81) Benzo(a)anthracene	21.61	228	604092	45.856	ng	97
82) 3,3'-Dichlorobenzidine	21.53	252	122802	24.101	ng	99
83) Chrysene	21.68	228	589656	45.049	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	322524	46.035	ng	98
85) Di-n-octyl phthalate	22.71	149	555302	46.718	ng	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	747911	45.520	ng	# 94
88) Benzo(b)fluoranthene	23.80	252	620851	44.019	ng	100
89) Benzo(k)fluoranthene	23.87	252	653887	46.052	ng	99
90) Benzo(a)pyrene	24.66	252	588369	43.685	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	631955	45.873	ng	99
92) Benzo(g,h,i)perylene	29.56	276	632222	46.525	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG043712.D

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Instrument :

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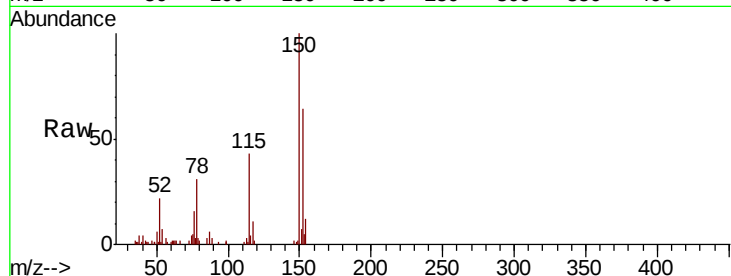
Tot Ion:152 Resp: 27249

Ion Ratio Lower Upper

152 100

150 155.8 116.6 175.0

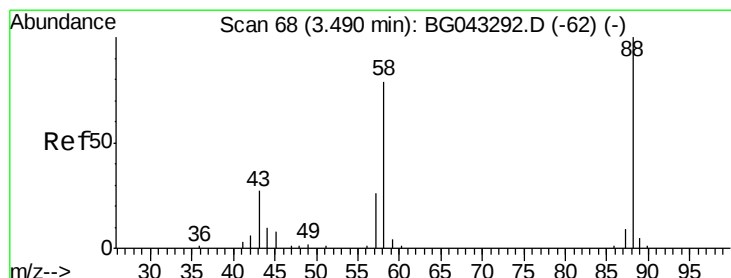
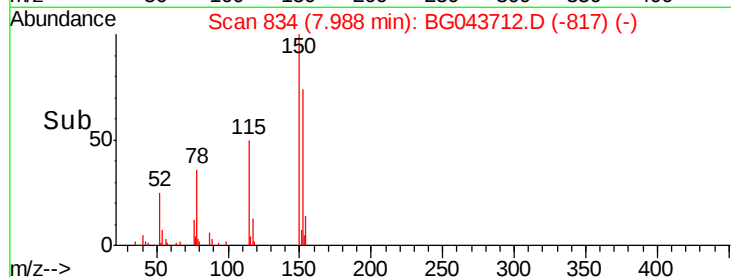
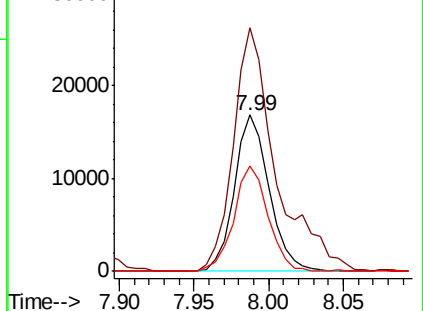
115 67.7 40.5 60.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.196 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

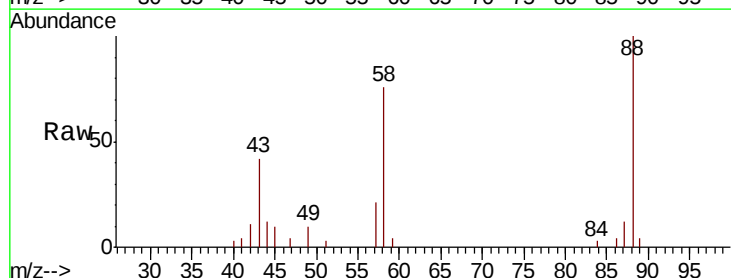
Tgt Ion: 88 Resp: 11703

Ion Ratio Lower Upper

88 100

58 74.4 62.2 93.4

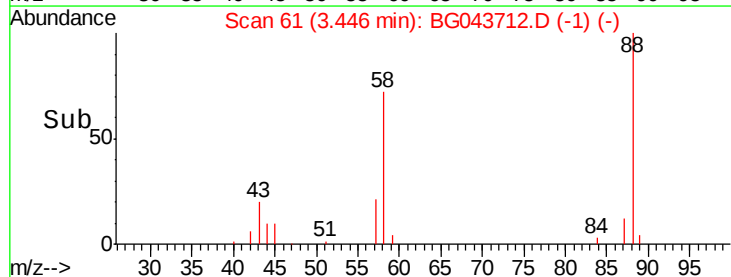
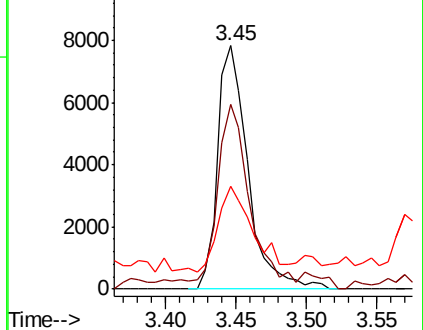
43 40.5 30.1 45.1



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.053 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

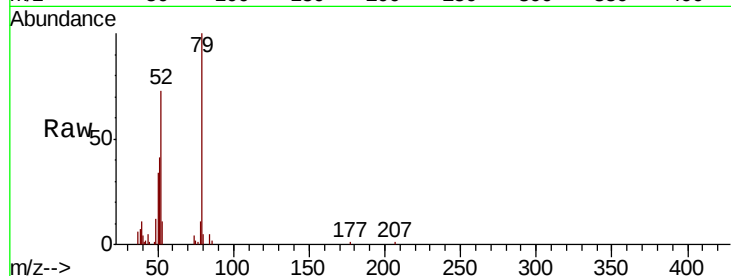
Tot Ion: 79 Resp: 33698

Ion Ratio Lower Upper

79 100

52 73.5 63.2 94.8

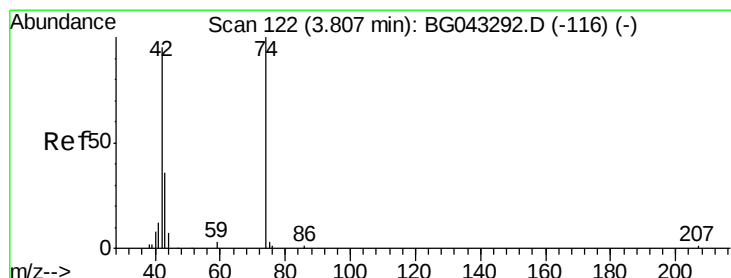
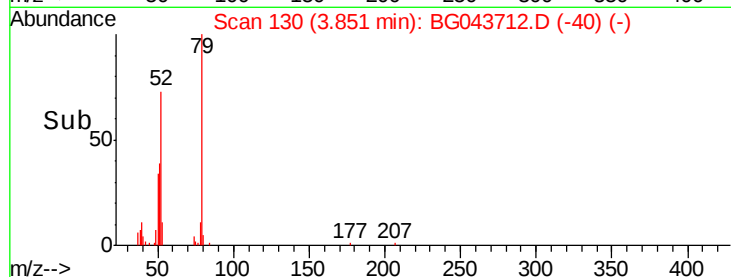
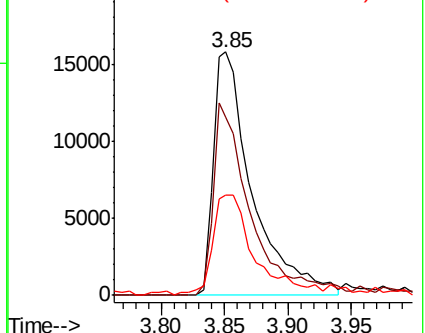
51 41.1 34.5 51.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 27.109 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

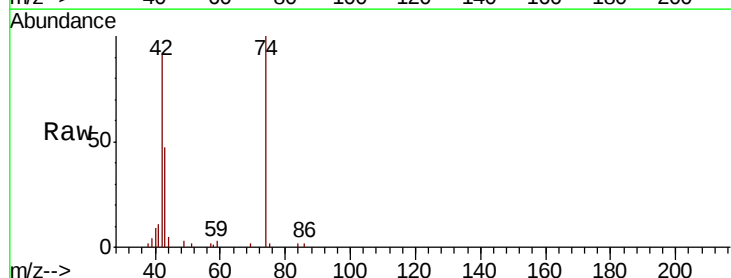
Tgt Ion: 42 Resp: 19996

Ion Ratio Lower Upper

42 100

74 109.3 83.0 124.6

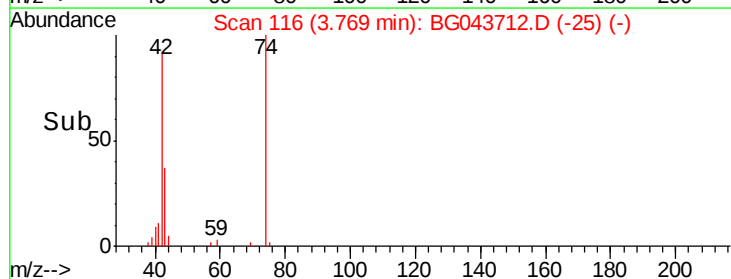
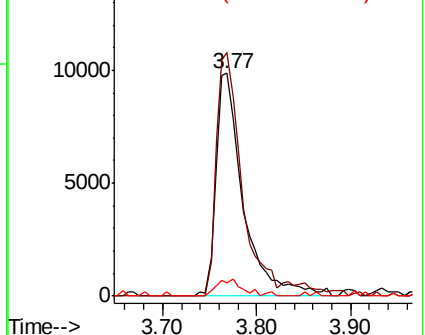
44 5.9 4.4 6.6



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 50.944 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

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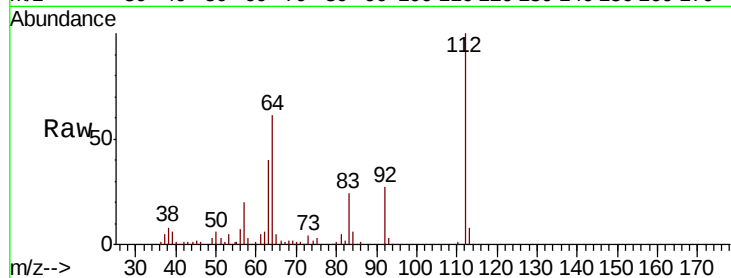
Tot Ion:112 Resp: 75755

Ion Ratio Lower Upper

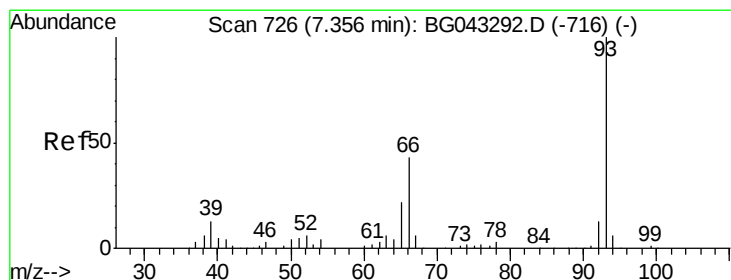
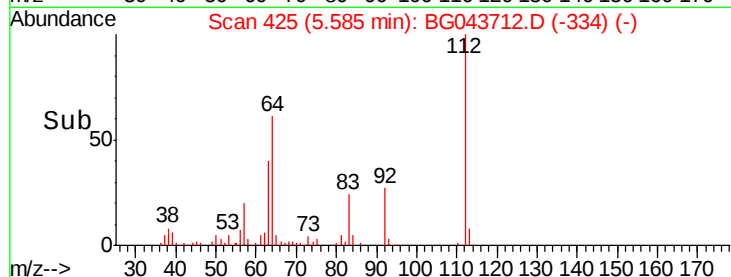
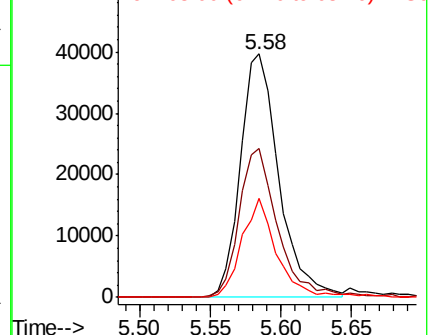
112 100

64 61.4 50.6 75.8

63 40.5 30.5 45.7



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



#6

Aniline

Concen: 15.222 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

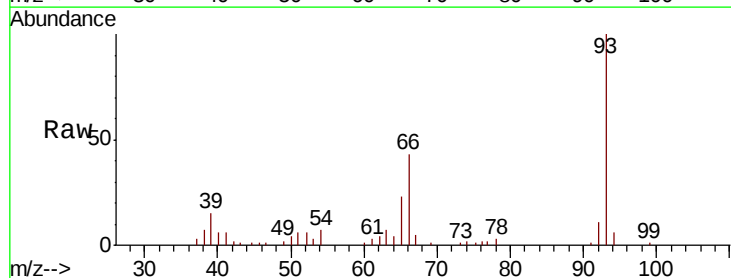
Tgt Ion: 93 Resp: 37515

Ion Ratio Lower Upper

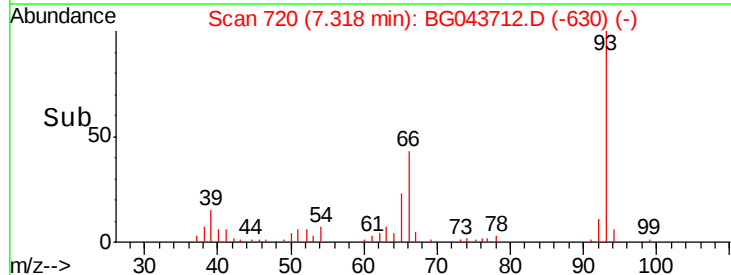
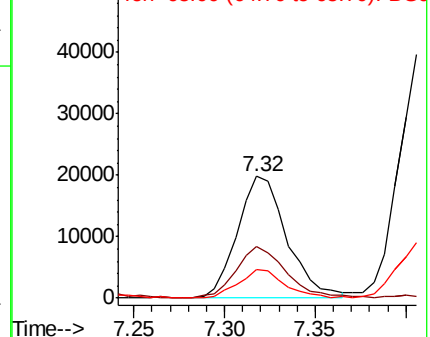
93 100

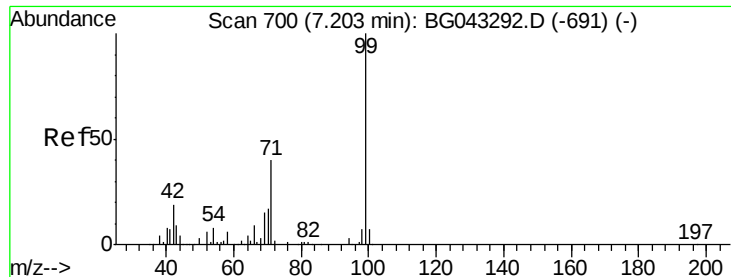
66 42.6 35.4 53.2

65 23.1 17.1 25.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.632 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

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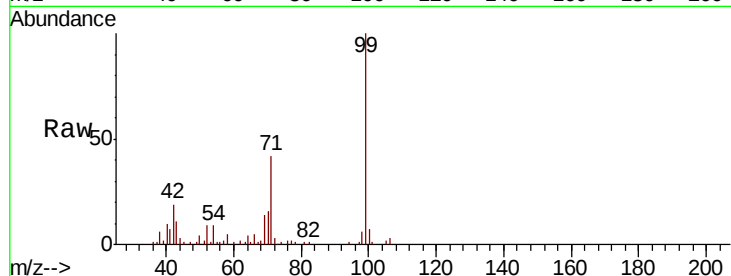
Tot Ion: 99 Resp: 65536

Ion Ratio Lower Upper

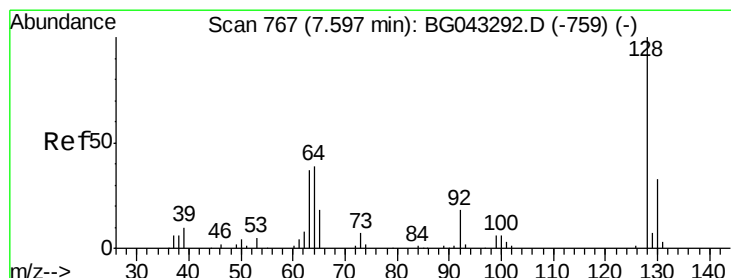
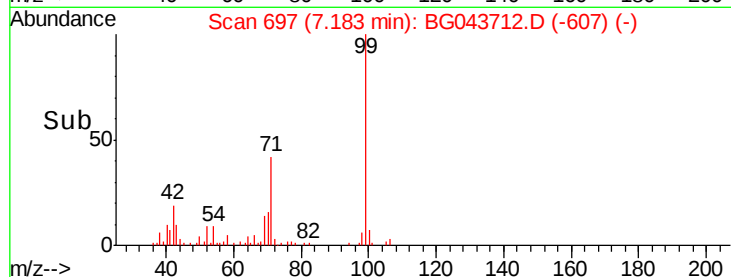
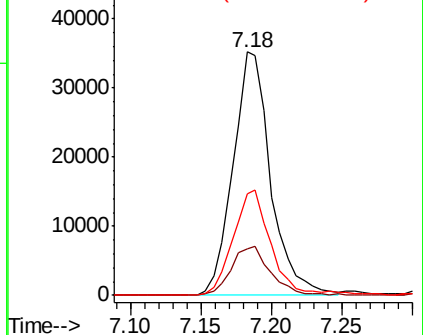
99 100

42 18.9 15.8 23.8

71 41.7 34.4 51.6



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



#8

2-Chlorophenol

Concen: 37.547 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

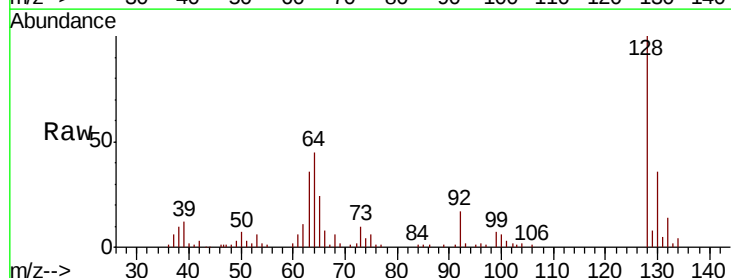
Tgt Ion: 128 Resp: 61634

Ion Ratio Lower Upper

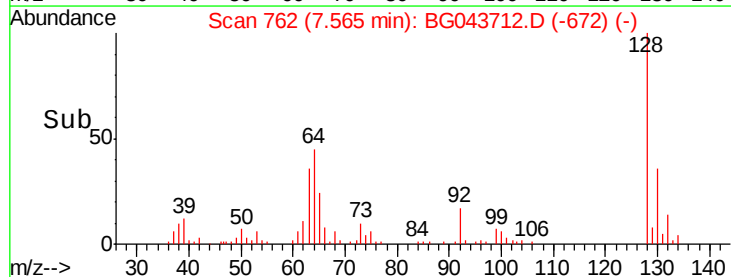
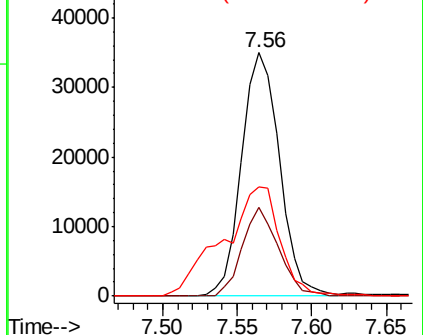
128 100

130 36.3 14.5 54.5

64 44.8 29.2 69.2



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





#9

Benzaldehyde

Concen: 42.641 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043712.D

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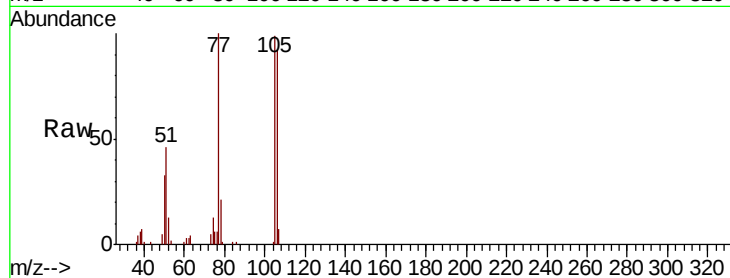
Tot Ion: 77 Resp: 44834

Ion Ratio Lower Upper

77 100

105 99.0 84.9 124.9

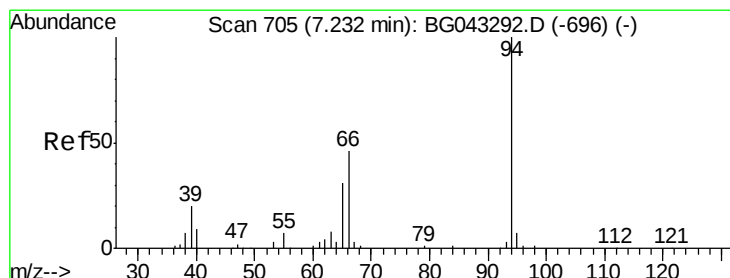
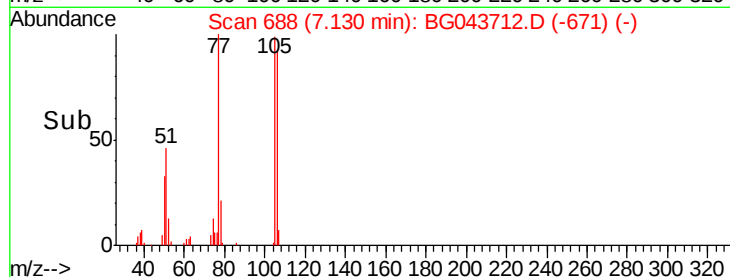
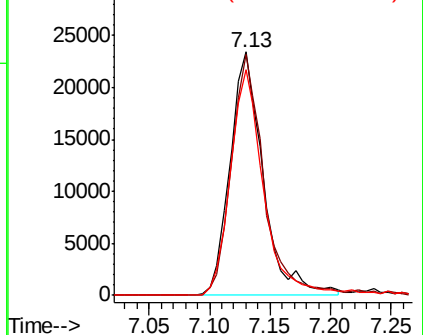
106 92.5 75.1 115.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 11.662 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

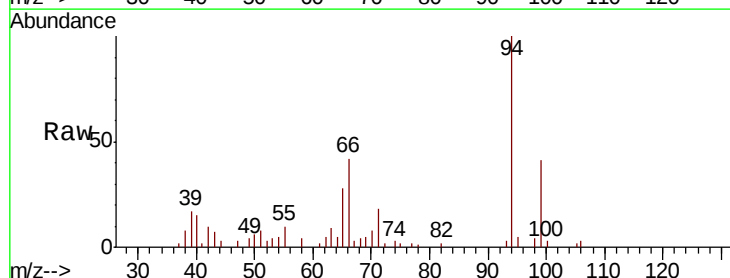
Tgt Ion: 94 Resp: 22799

Ion Ratio Lower Upper

94 100

65 27.6 11.4 51.4

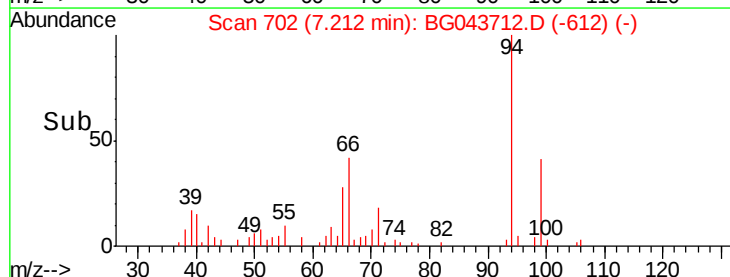
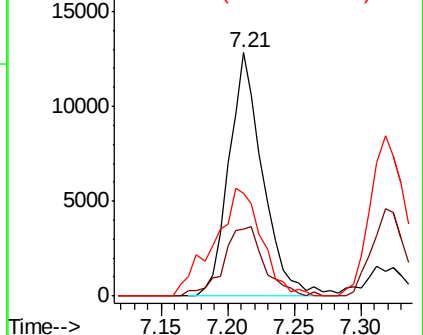
66 42.4 28.4 68.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

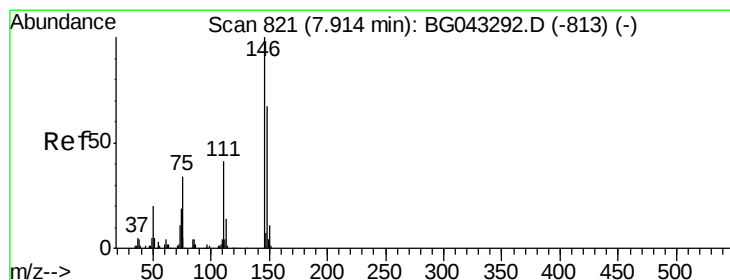
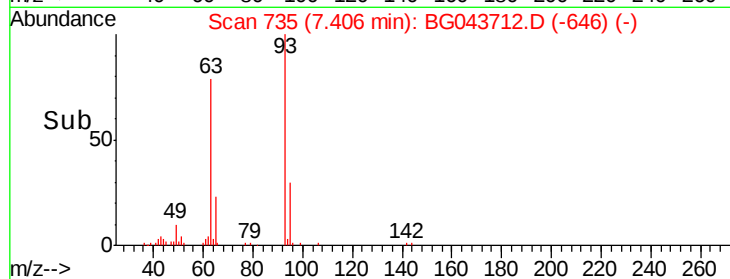
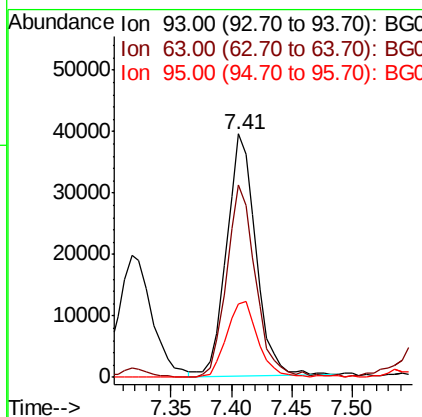
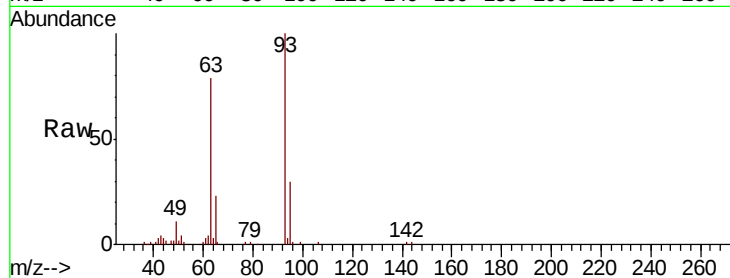




#11
 bis(2-Chloroethyl)ether
 Concen: 43.836 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

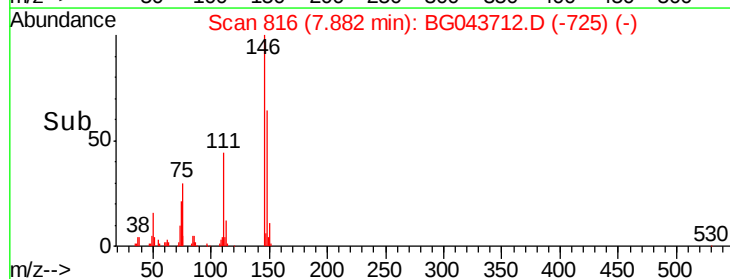
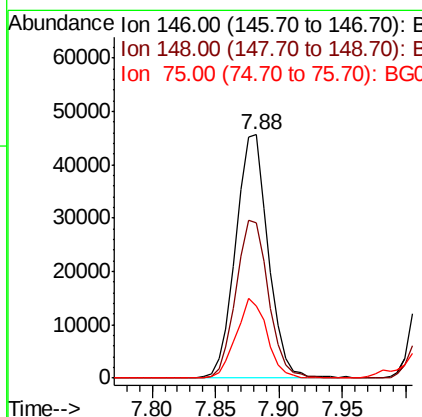
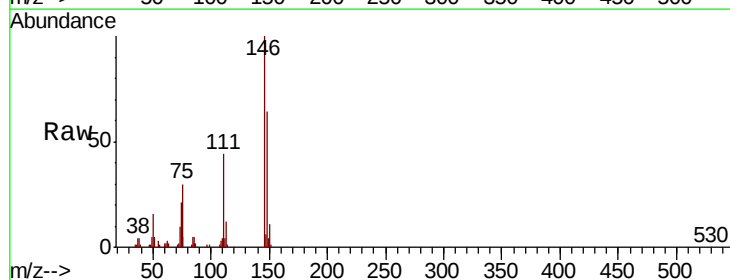
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

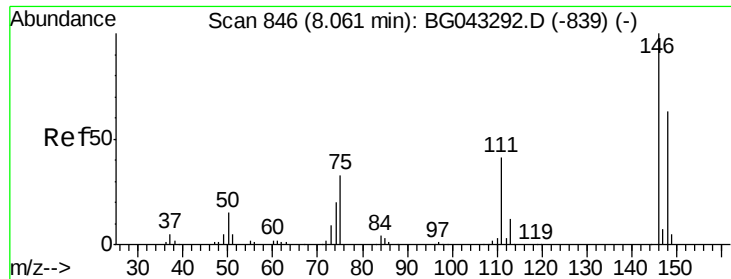
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	54.9	94.9
95	30.0	7.2	47.2



#12
 1,3-Dichlorobenzene
 Concen: 39.416 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	29.6	26.2	39.2

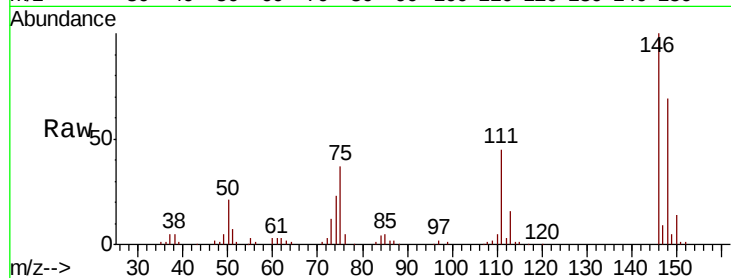




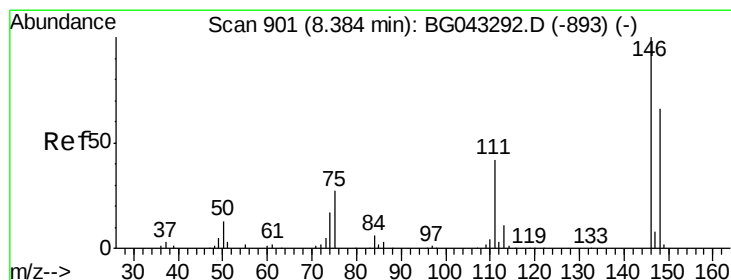
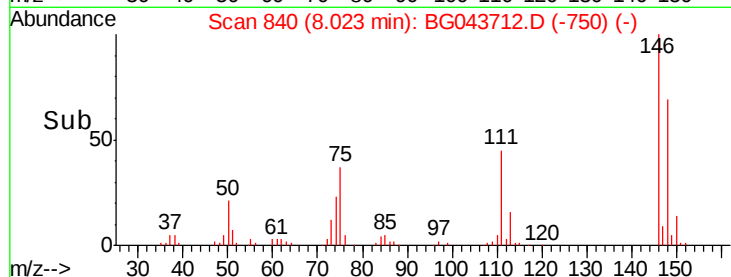
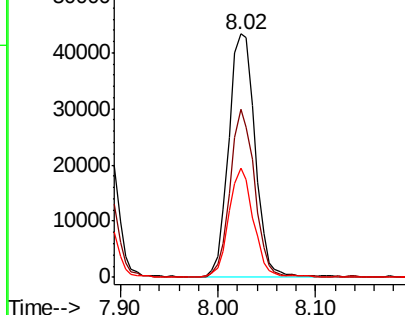
#13
 1,4-Dichlorobenzene
 Concen: 39.245 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion:146 Resp: 81664
 Ion Ratio Lower Upper
 146 100
 148 68.9 51.0 76.6
 111 44.7 34.3 51.5

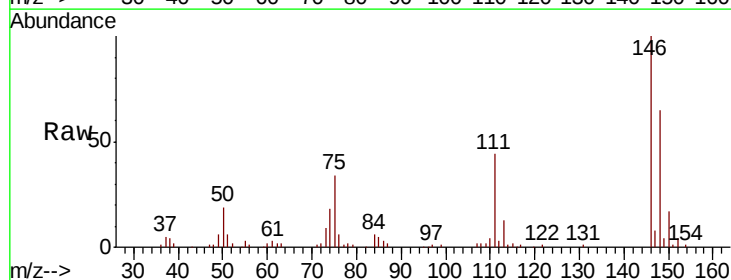


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

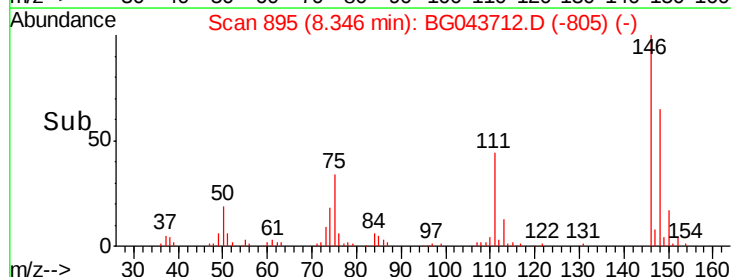
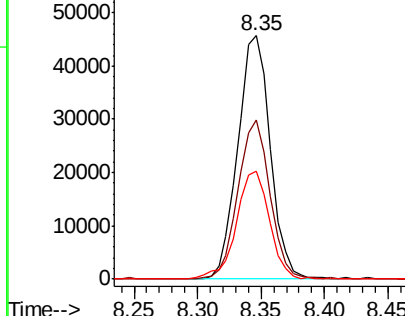


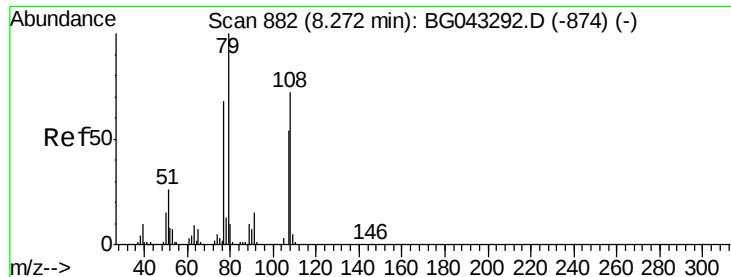
#14
 1,2-Dichlorobenzene
 Concen: 40.029 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:146 Resp: 81327
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.4 80.2
 111 44.2 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 32.040 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

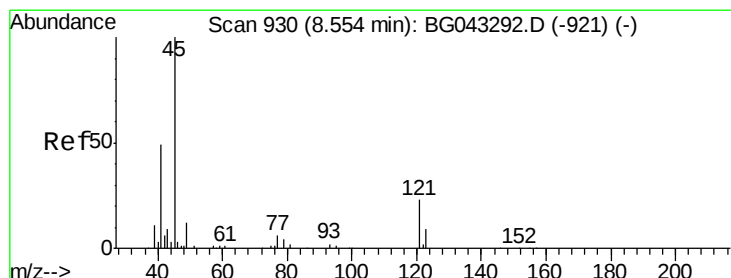
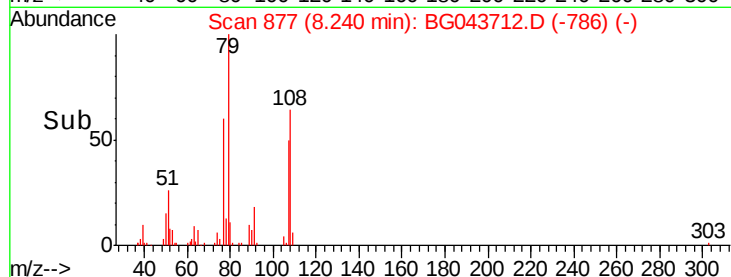
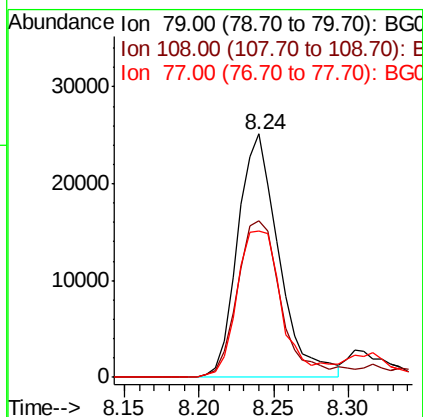
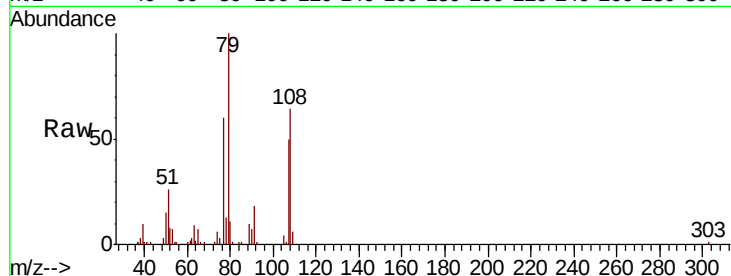
Tot Ion: 79 Resp: 48142

Ion Ratio Lower Upper

79 100

108 64.4 56.0 84.0

77 60.2 47.9 71.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.959 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

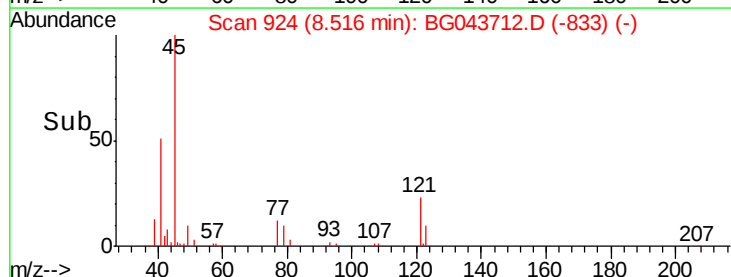
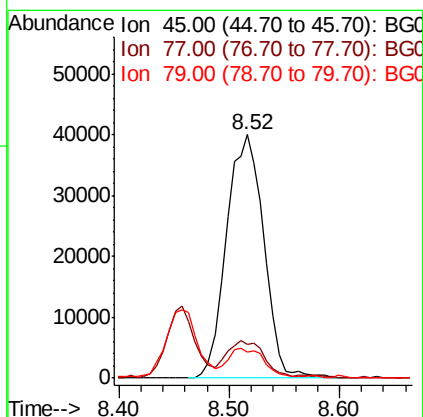
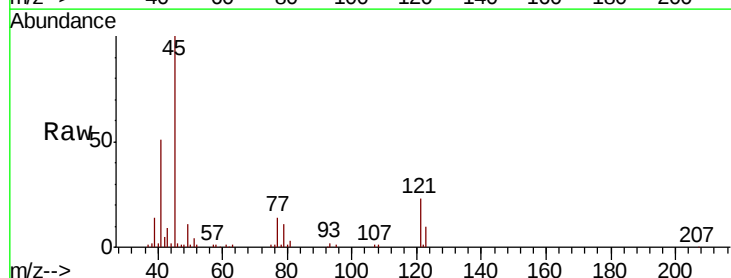
Tgt Ion: 45 Resp: 94418

Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

79 11.0 0.0 32.4





#17

2-Methylphenol

Concen: 29.691 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

Tot Ion:107 Resp: 42317

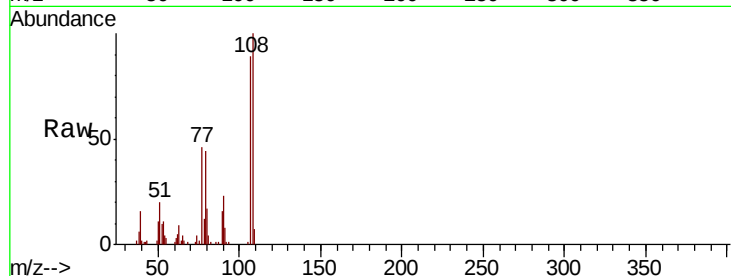
Ion Ratio Lower Upper

107 100

108 112.7 84.7 127.1

77 52.2 46.2 69.4

79 49.4 41.0 61.6

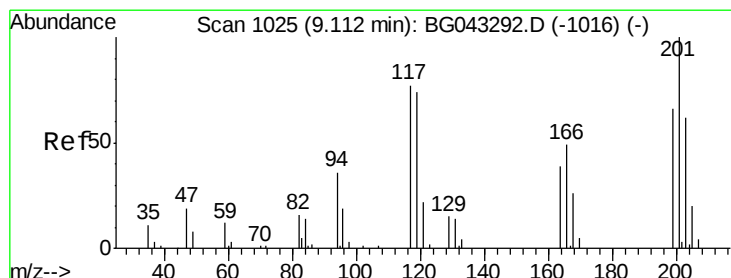
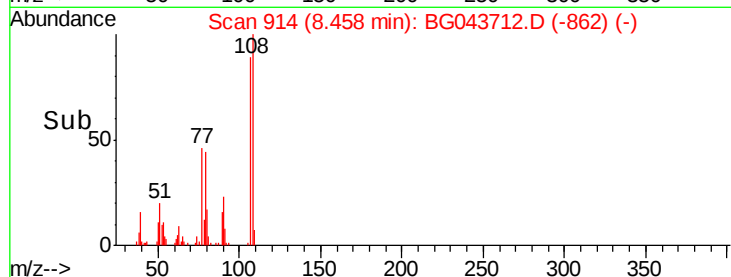
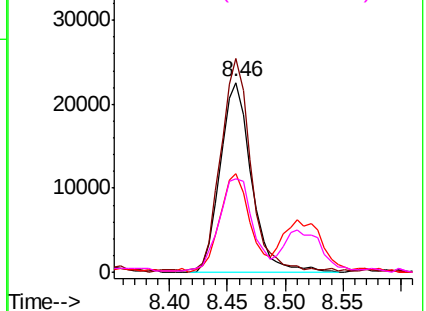


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.607 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

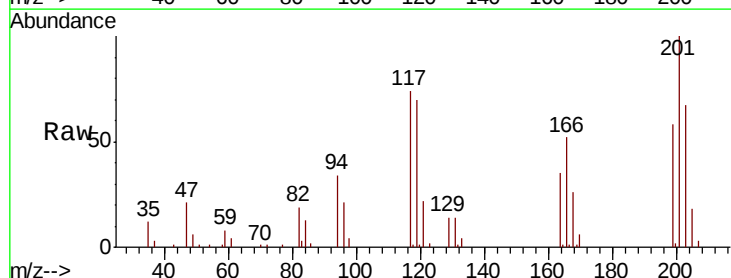
Tgt Ion:117 Resp: 28233

Ion Ratio Lower Upper

117 100

119 93.2 81.7 122.5

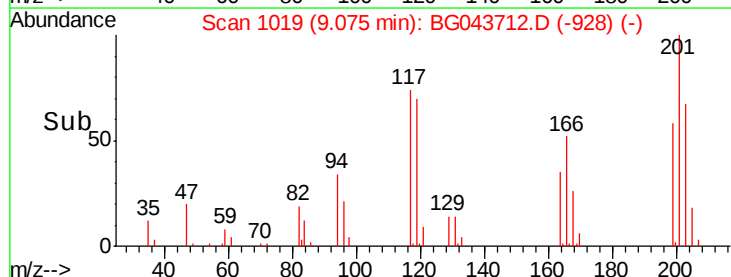
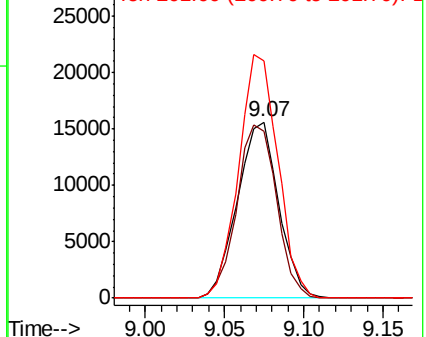
201 132.5 98.6 147.8

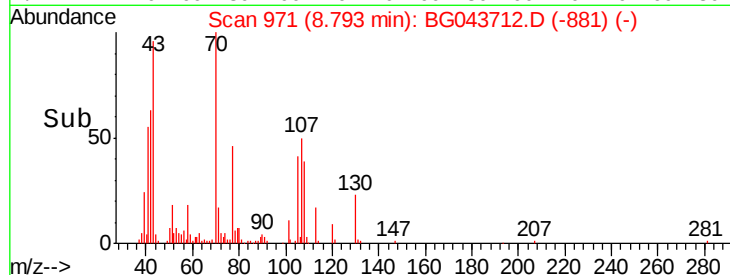
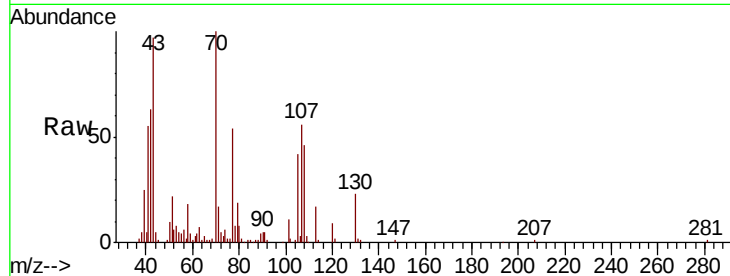
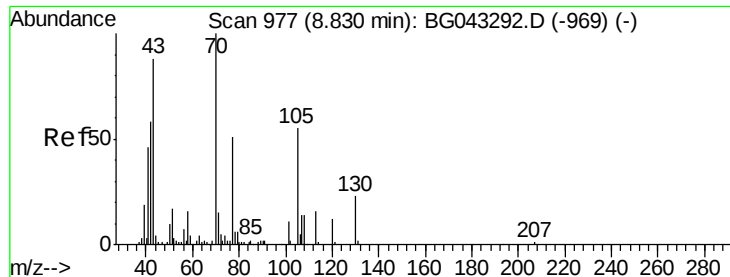


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

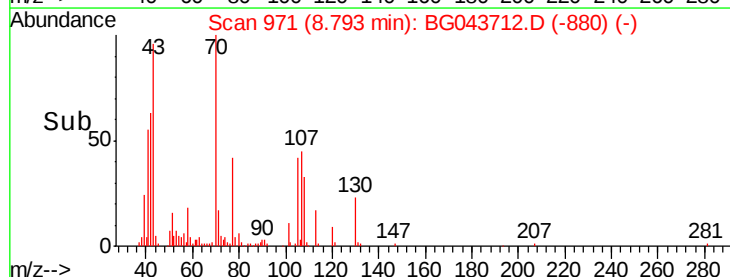
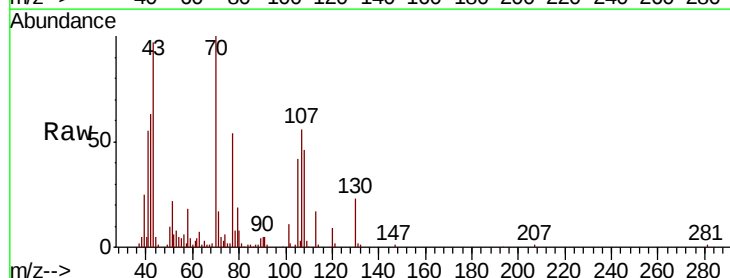
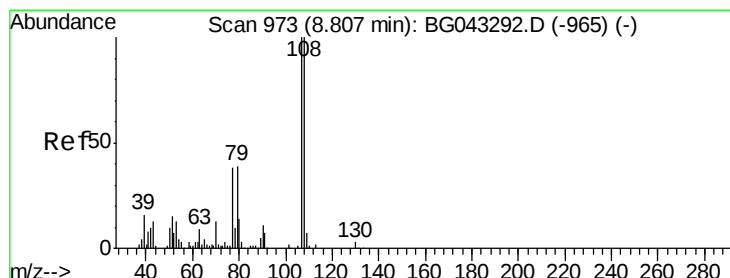
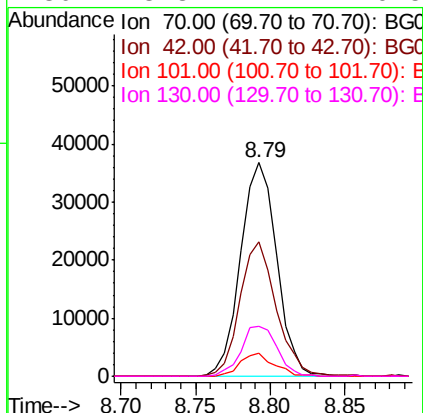




#19
n-Nitroso-di-n-propylamine
Concen: 44.786 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

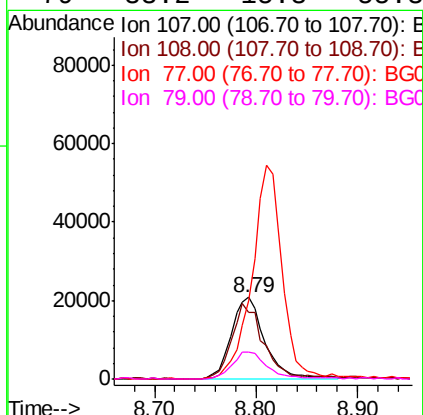
Instrument :
BNA_G
ClientSampleId :
PB124943BS

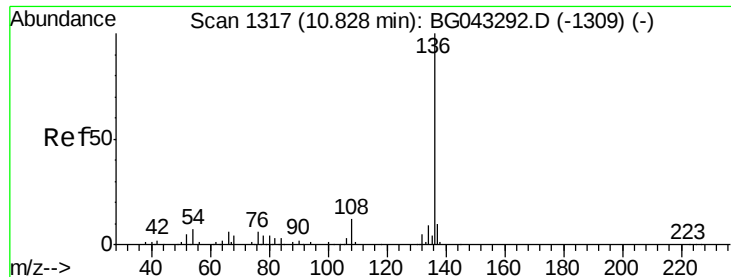
Tot Ion: 70 Resp: 61916
Ion Ratio Lower Upper
70 100
42 62.8 49.7 74.5
101 10.9 9.7 14.5
130 23.3 17.7 26.5



#20
3+4-Methylphenols
Concen: 24.389 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion: 107 Resp: 47664
Ion Ratio Lower Upper
107 100
108 82.1 69.5 109.5
77 96.6 32.8 72.8#
79 33.2 15.3 55.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

Tot Ion:136 Resp: 115928

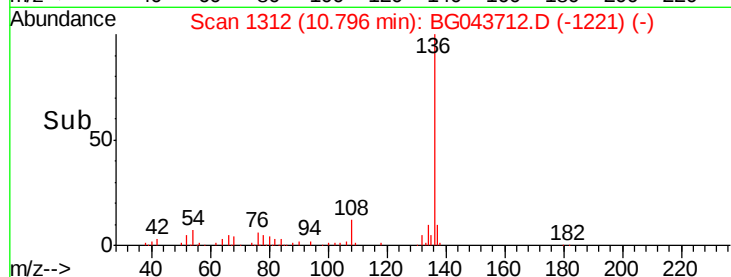
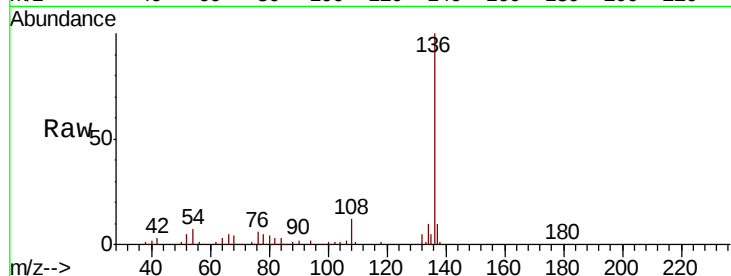
Ion Ratio Lower Upper

136 100

137 9.7 8.8 13.2

54 6.5 6.2 9.2

68 4.4 3.4 5.0

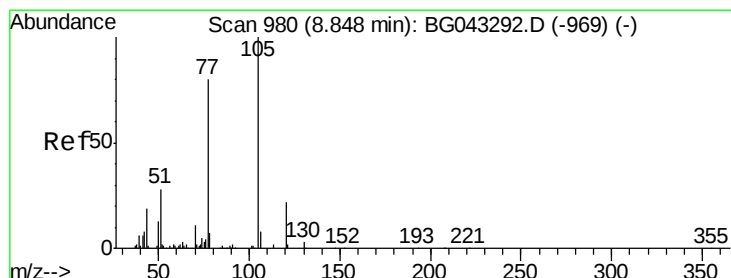
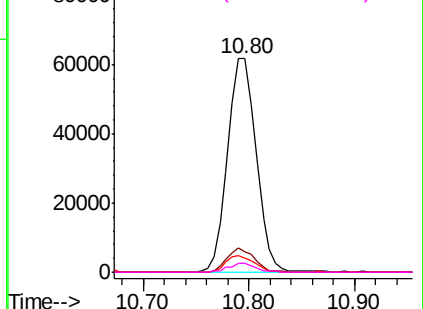


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.859 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:105 Resp: 121302

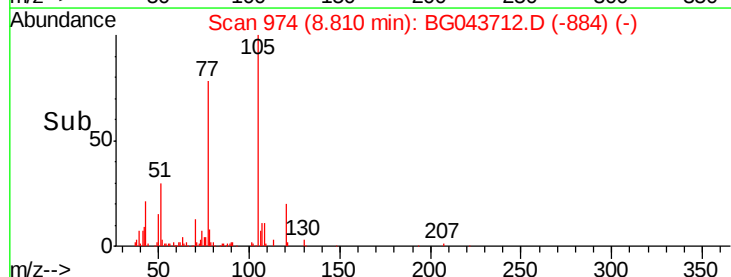
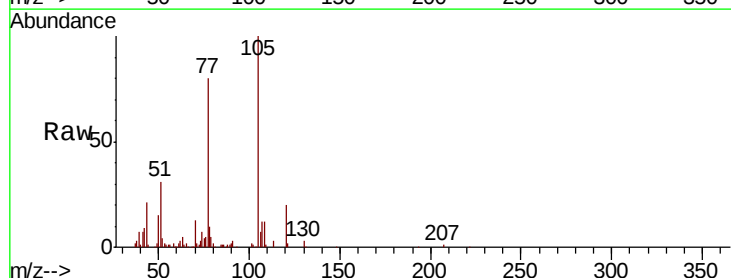
Ion Ratio Lower Upper

105 100

71 2.4 1.5 2.3#

51 30.7 25.0 37.6

120 20.4 18.3 27.5

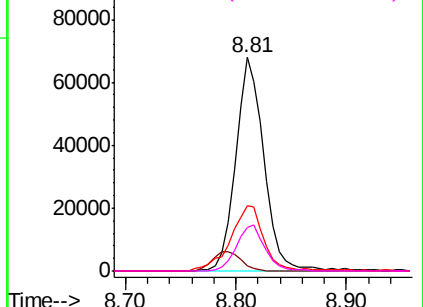


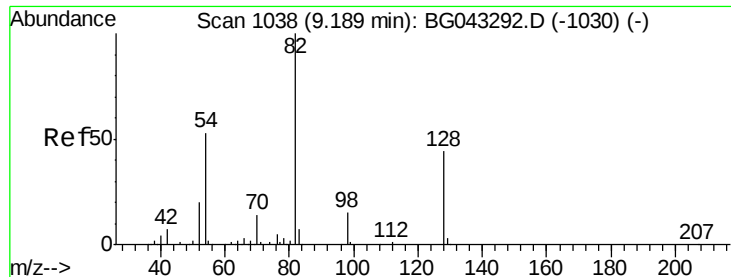
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

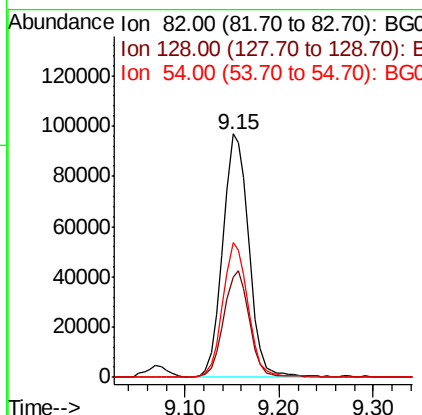
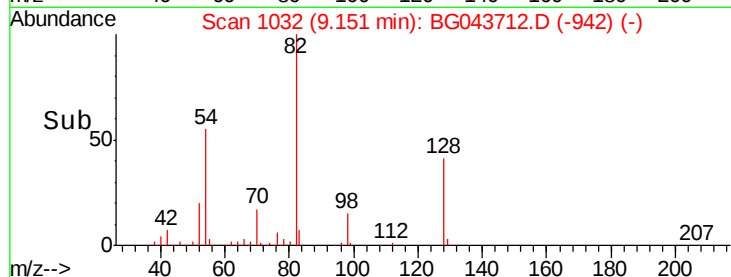
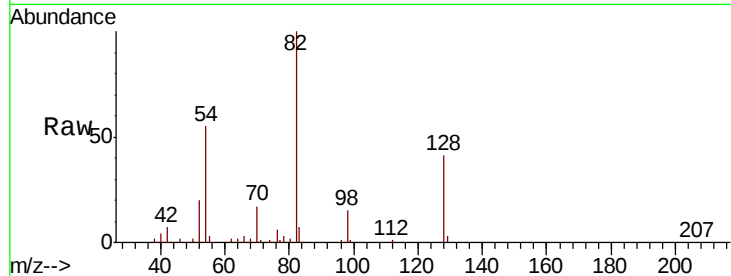




#23
 Nitrobenzene-d5
 Concen: 83.437 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

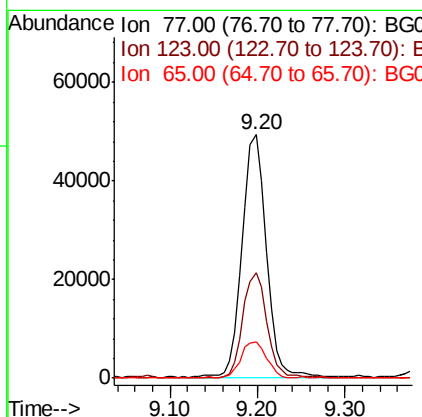
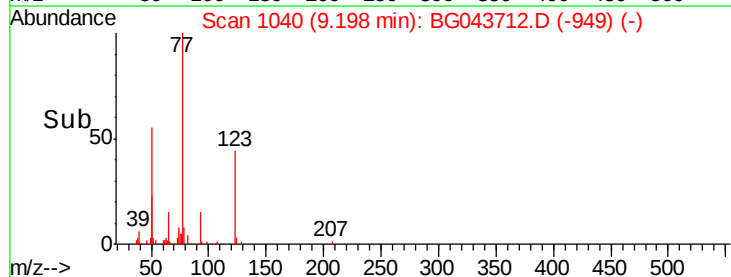
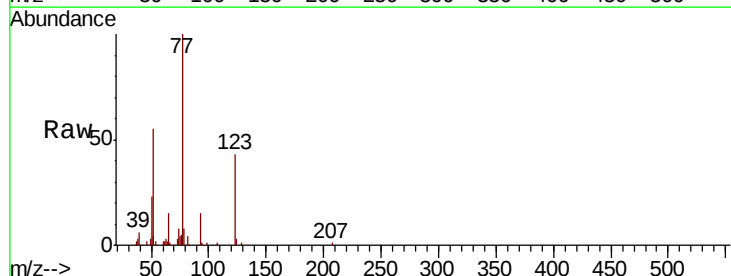
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

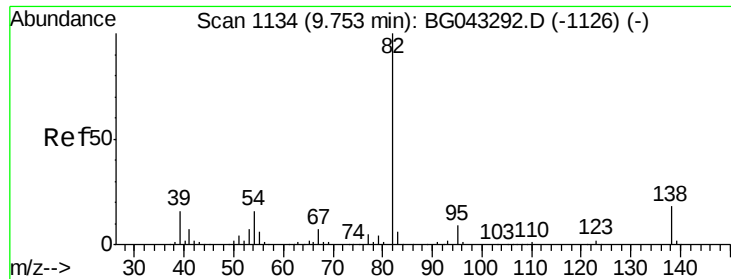
Tot Ion: 82 Resp: 187621
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.2 51.4
 54 55.2 44.7 67.1



#24
 Nitrobenzene
 Concen: 42.663 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion: 77 Resp: 91388
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.6 50.4
 65 15.0 12.9 19.3

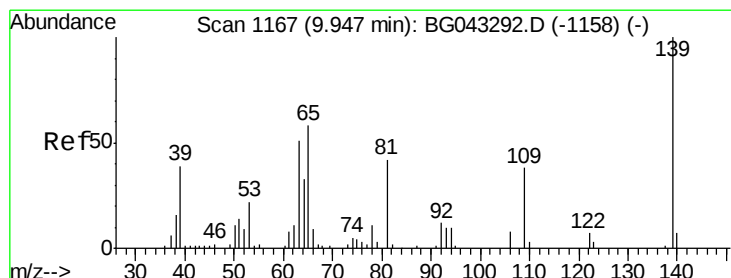
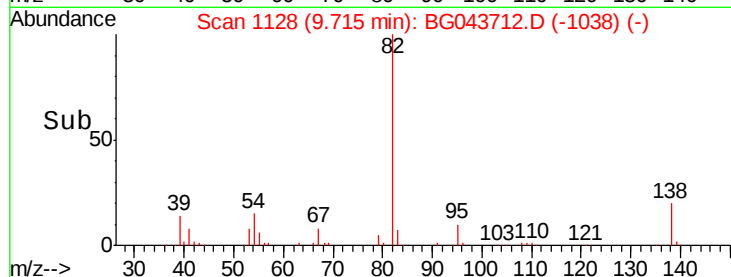
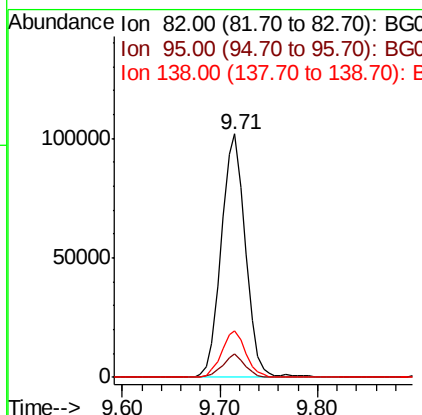
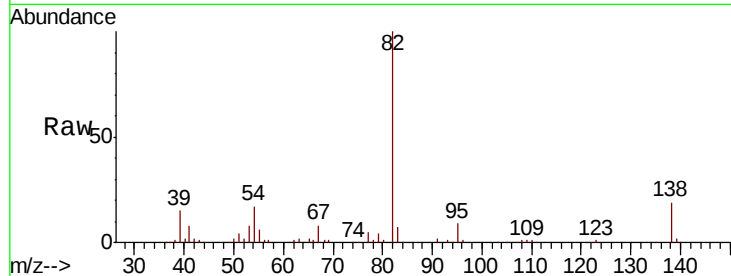




#25
Isophorone
Concen: 42.596 ng
RT: 9.71 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

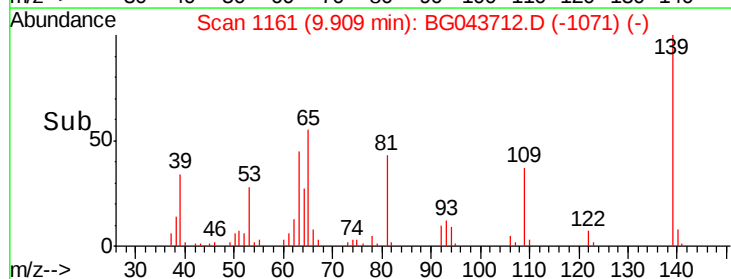
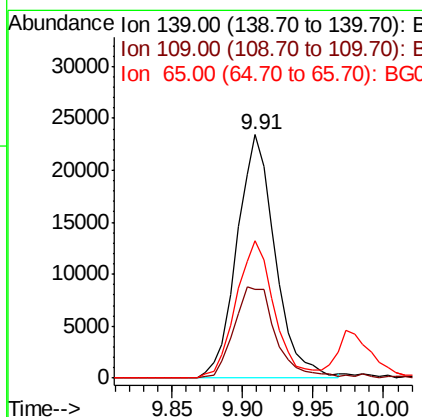
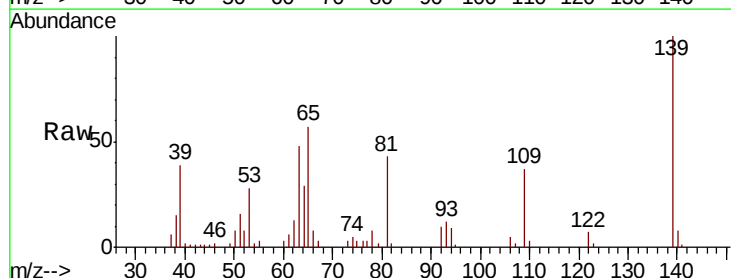
Instrument :
BNA_G
ClientSampled :
PB124943BS

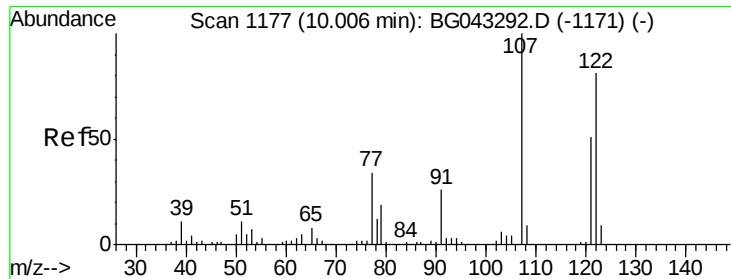
Tot Ion	82	Resp	175117
Ion Ratio	100	Lower	Upper
95	9.4	7.4	11.0
138	19.2	15.1	22.7



#26
2-Nitrophenol
Concen: 42.791 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	139	Resp	44253
Ion Ratio	100	Lower	Upper
109	36.5	32.6	48.8
65	56.7	47.6	71.4

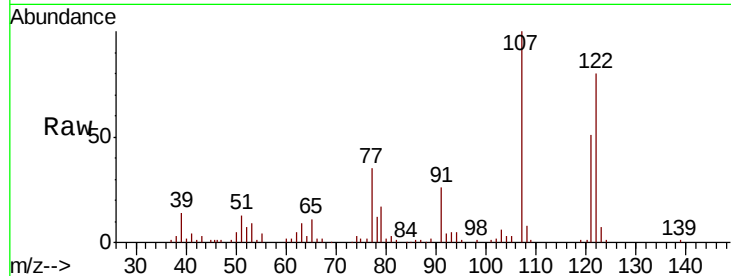




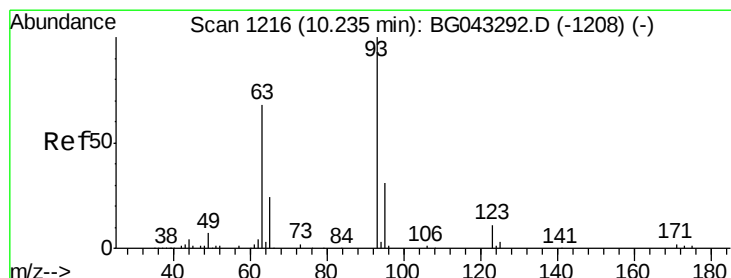
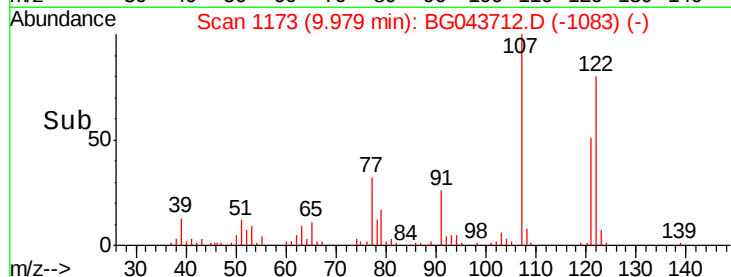
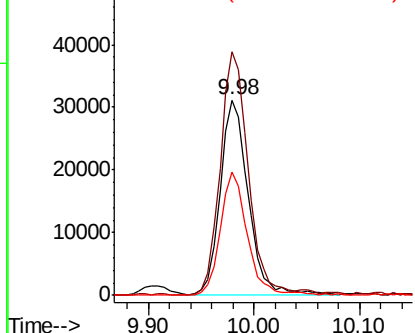
#27
 2,4-Dimethylphenol
 Concen: 38.858 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleID :
 PB124943BS

Tot Ion:122 Resp: 57597
 Ion Ratio Lower Upper
 122 100
 107 124.8 100.7 151.1
 121 63.4 47.0 70.4

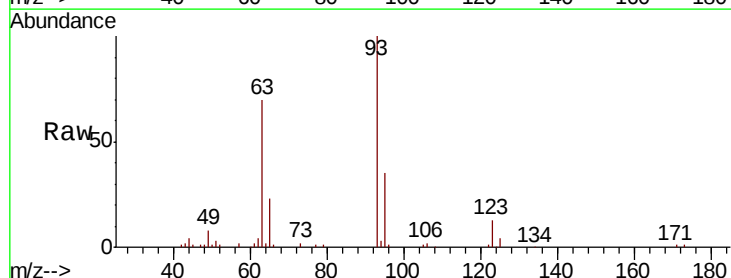


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

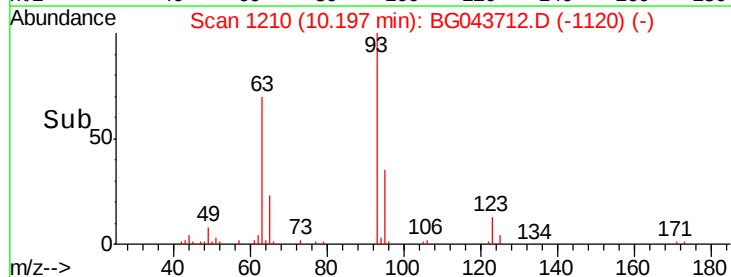
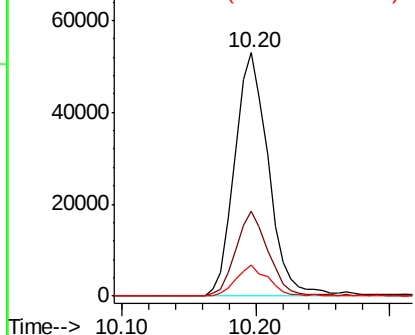


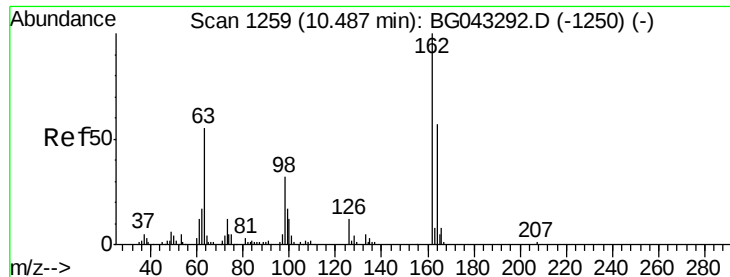
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.982 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion: 93 Resp: 92988
 Ion Ratio Lower Upper
 93 100
 95 34.9 27.5 41.3
 123 13.0 10.7 16.1



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





#29

2,4-Dichlorophenol

Concen: 41.010 ng

RT: 10.46 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

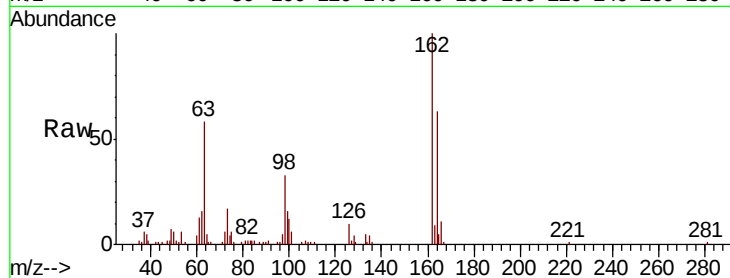
Tot Ion:162 Resp: 77885

Ion Ratio Lower Upper

162 100

164 62.6 45.4 85.4

98 33.0 10.1 50.1

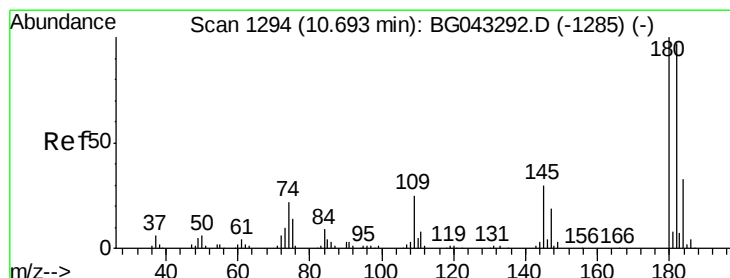
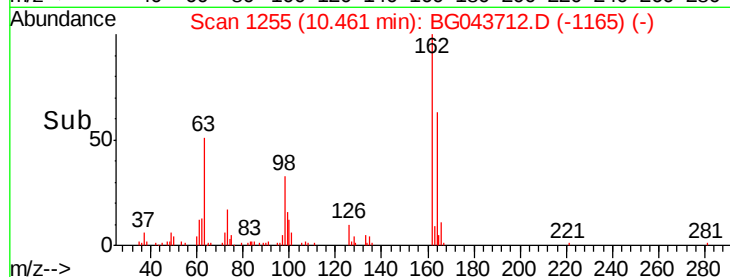
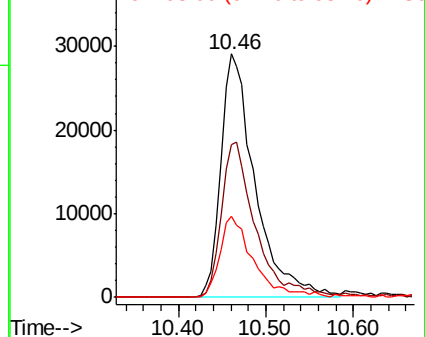


Abundance

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): B



#30

1,2,4-Trichlorobenzene

Concen: 39.587 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

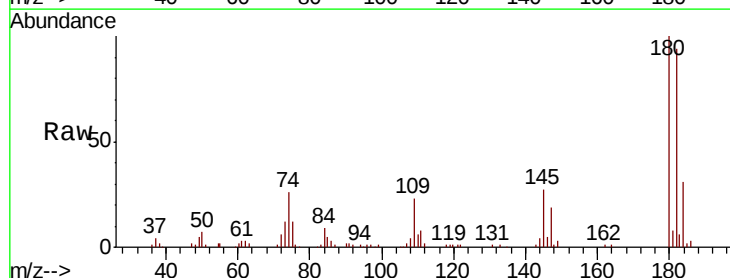
Tgt Ion:180 Resp: 94757

Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

145 26.7 21.4 32.0

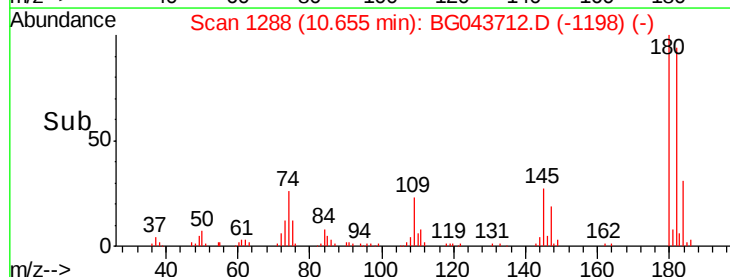
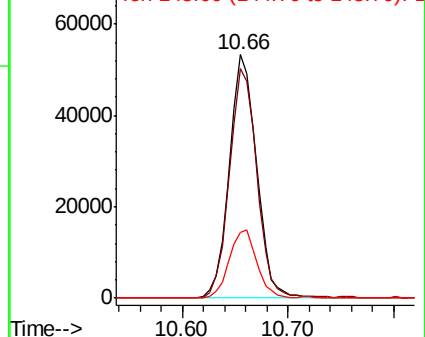


Abundance

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

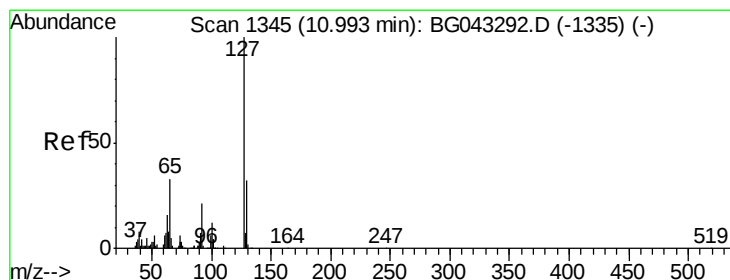
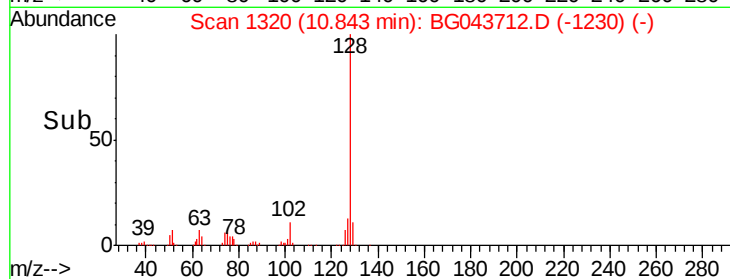
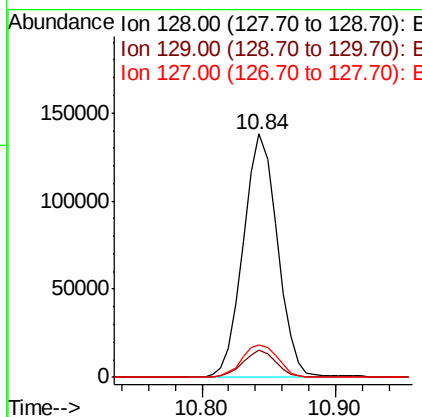
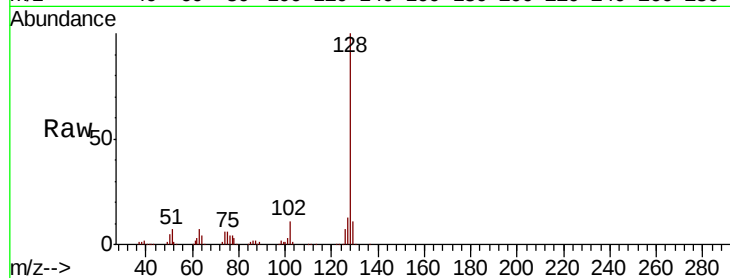




#31
Naphthalene
Concen: 41.599 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

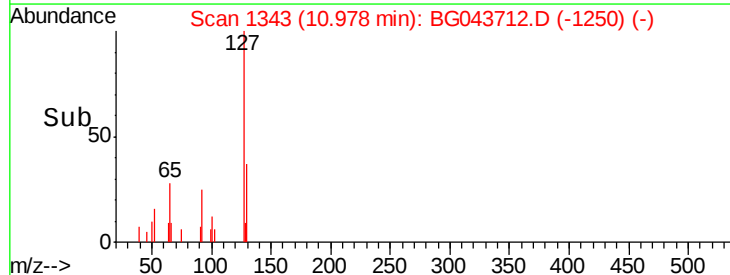
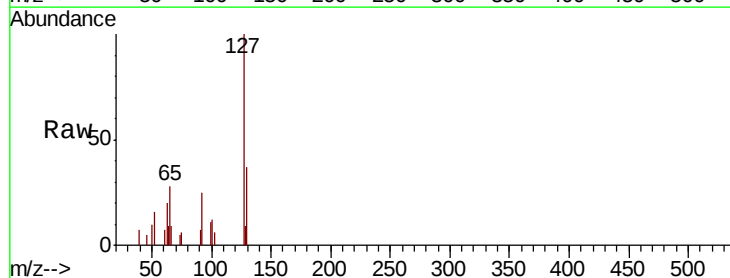
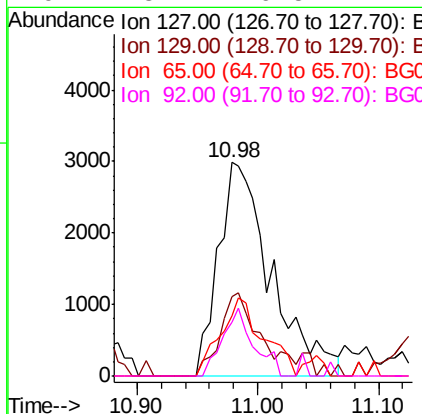
Instrument :
BNA_G
ClientSampleId :
PB124943BS

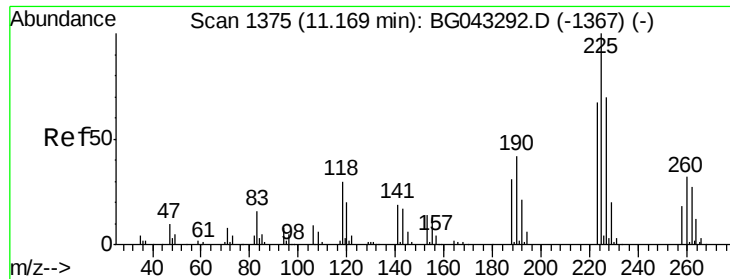
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.2	11.0	16.4



#33
4-Chloroaniline
Concen: 3.739 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.9	28.0	42.0
65	28.1	28.3	42.5#
92	25.4	16.5	24.7#

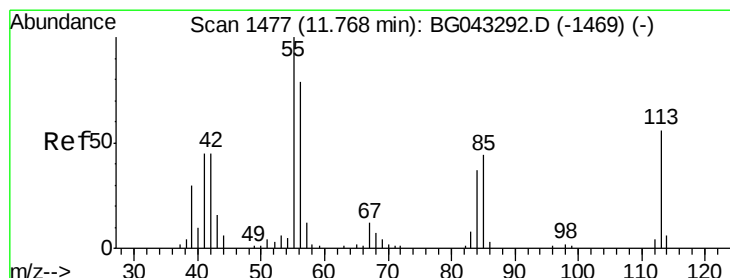
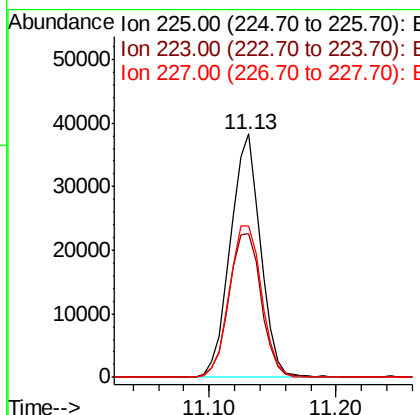
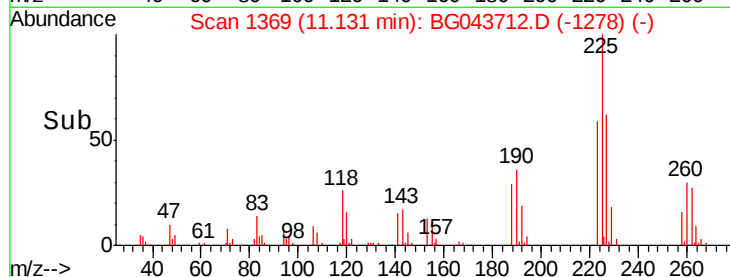
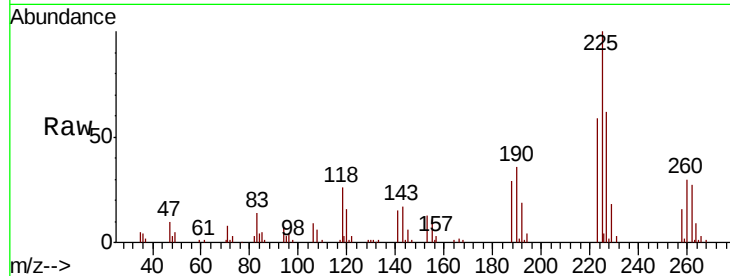




#34
Hexachlorobutadiene
Concen: 35.361 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

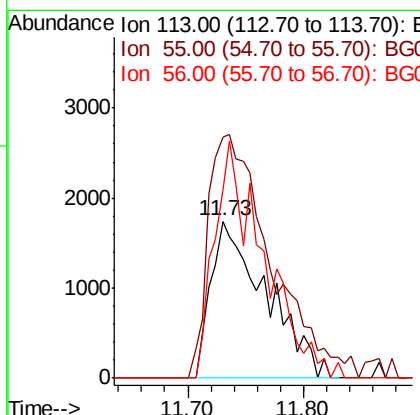
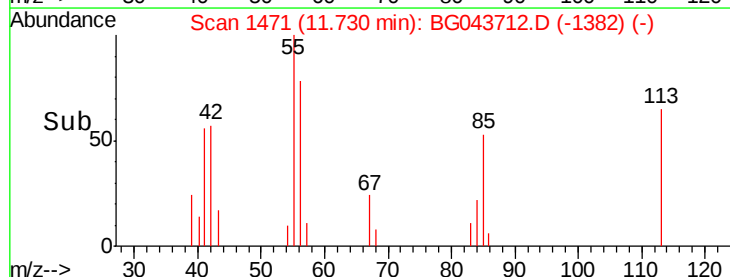
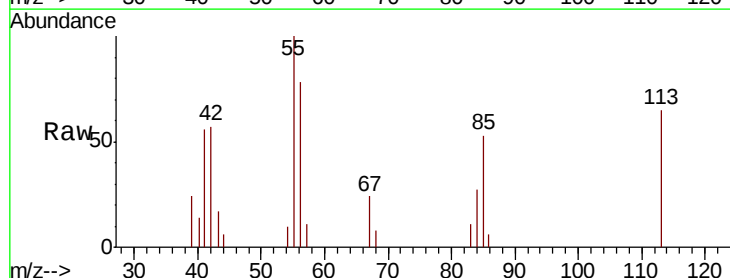
Instrument :
BNA_G
ClientSampleId :
PB124943BS

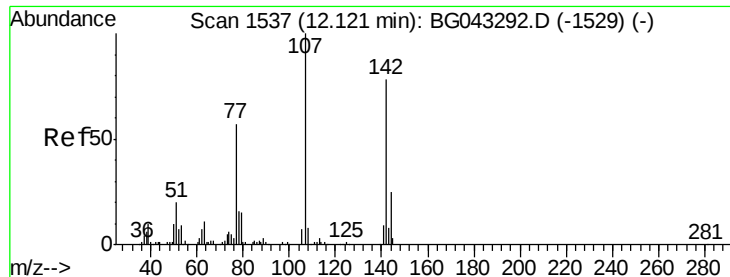
Tot Ion:225 Resp: 62569
Ion Ratio Lower Upper
225 100
223 58.9 48.6 73.0
227 62.4 49.1 73.7



#35
Caprolactam
Concen: 8.843 ng
RT: 11.73 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:113 Resp: 5784
Ion Ratio Lower Upper
113 100
55 154.3 154.4 194.4#
56 120.5 112.9 152.9

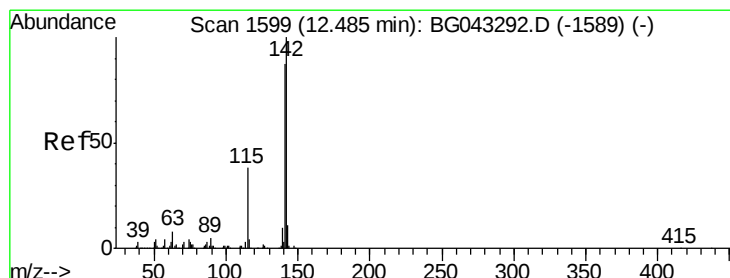
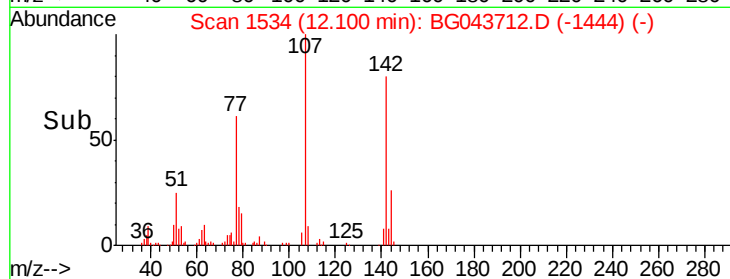
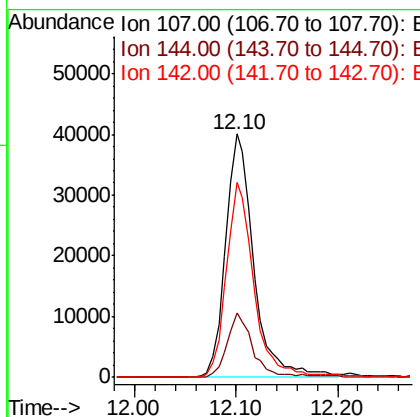
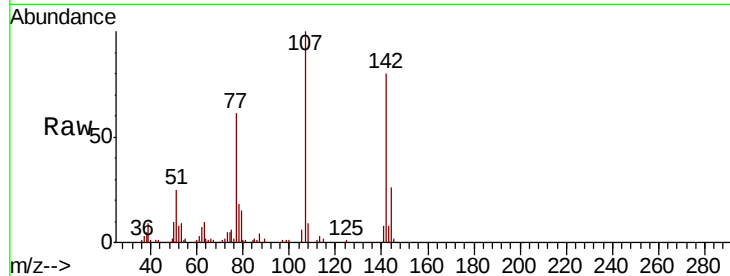




#36
 4-Chloro-3-methylphenol
 Concen: 37.253 ng
 RT: 12.10 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

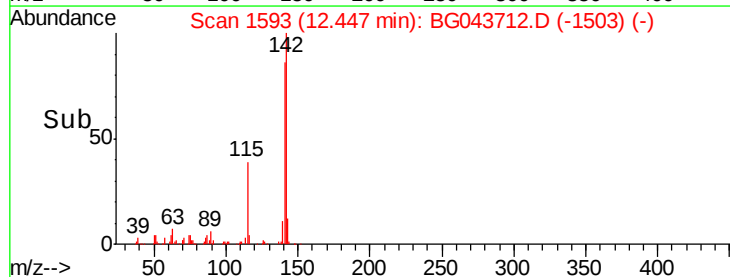
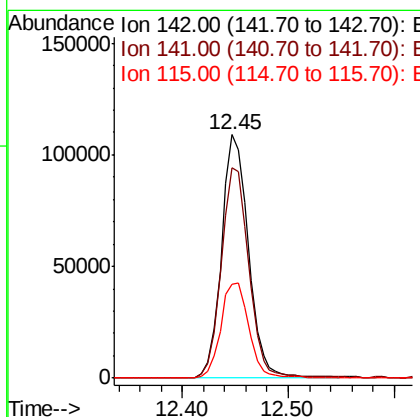
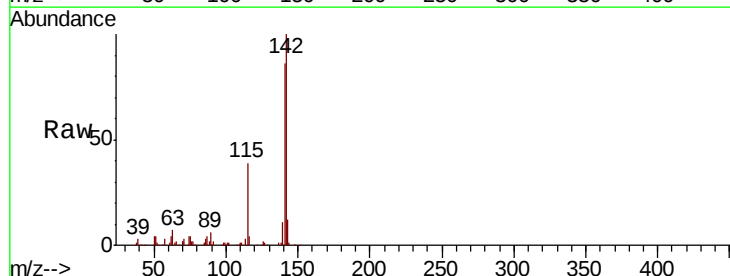
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

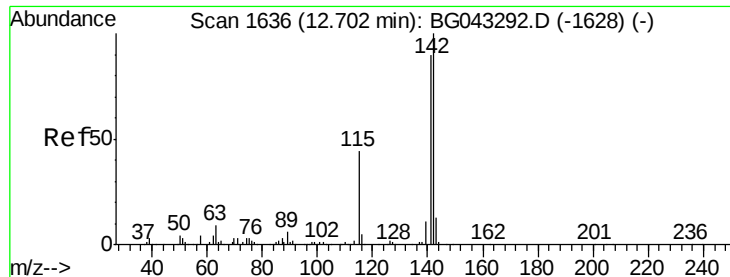
Tot Ion:107 Resp: 77172
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.7 32.5
 142 80.3 67.2 100.8



#37
 2-Methylnaphthalene
 Concen: 42.817 ng
 RT: 12.45 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:142 Resp: 193320
 Ion Ratio Lower Upper
 142 100
 141 86.4 71.2 106.8
 115 38.6 31.9 47.9

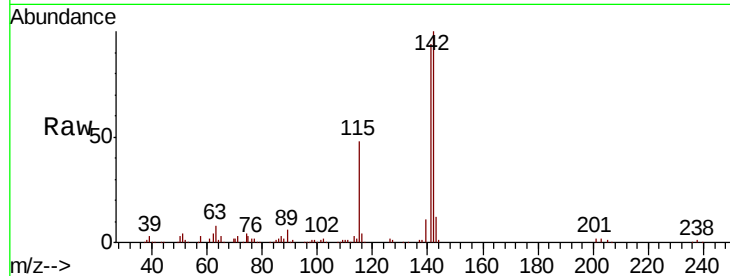




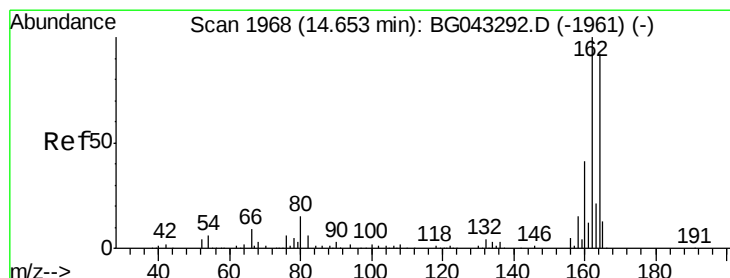
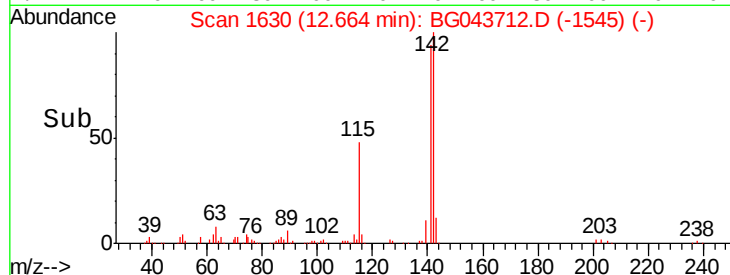
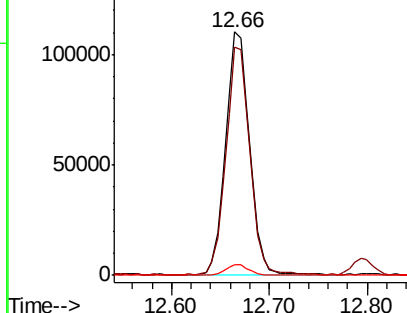
#38
1-Methylnaphthalene
Concen: 43.414 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :
PB124943BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.5	111.7
116	4.3	3.8	5.6

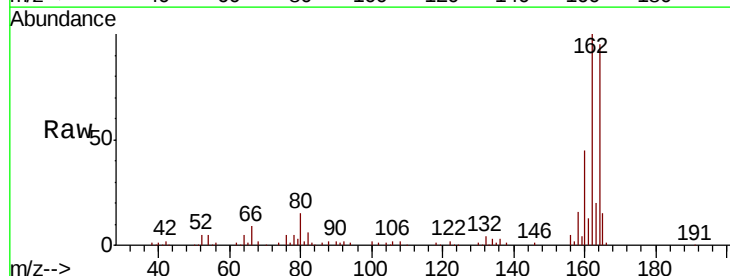


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

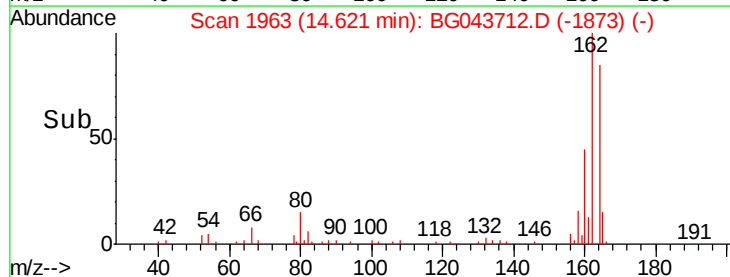
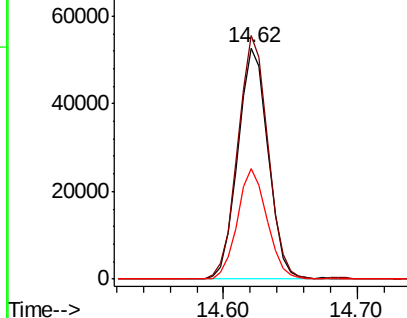


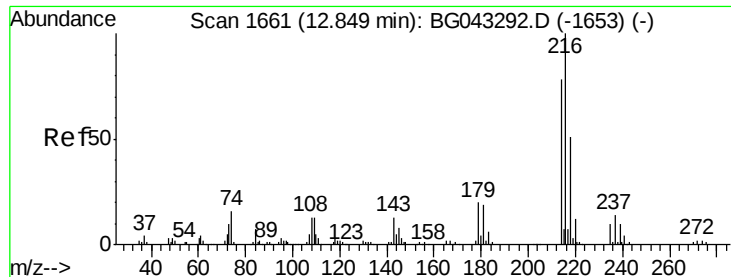
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	79.4	119.2
160	47.7	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.375 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

Tot Ion:216 Resp: 126480

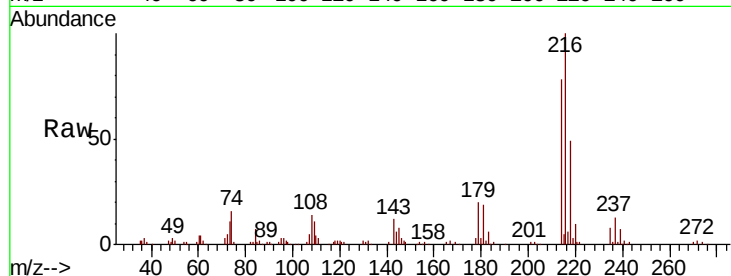
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 19.6 16.5 24.7

108 16.3 12.7 19.1

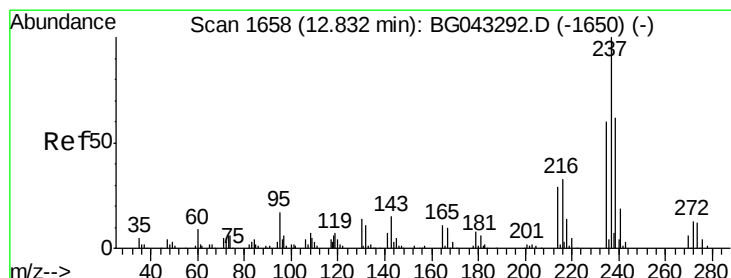
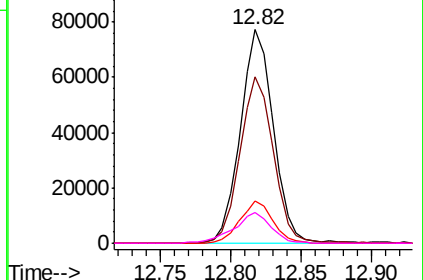
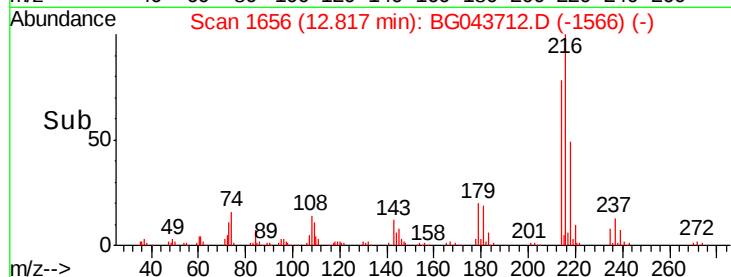


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 71.513 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

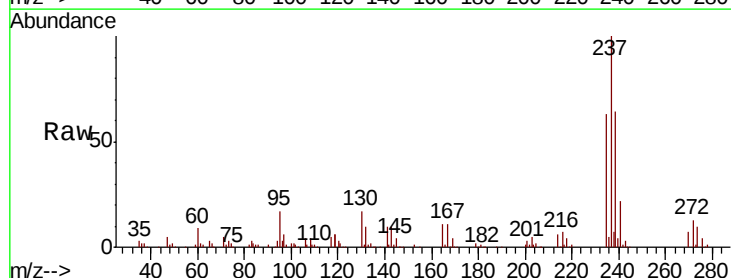
Tgt Ion:237 Resp: 114837

Ion Ratio Lower Upper

237 100

235 63.0 42.2 82.2

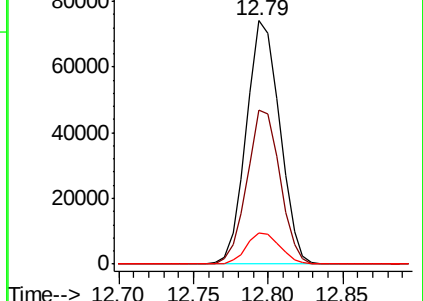
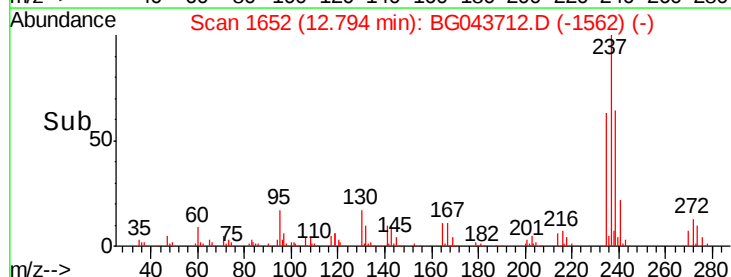
272 12.6 0.0 32.6

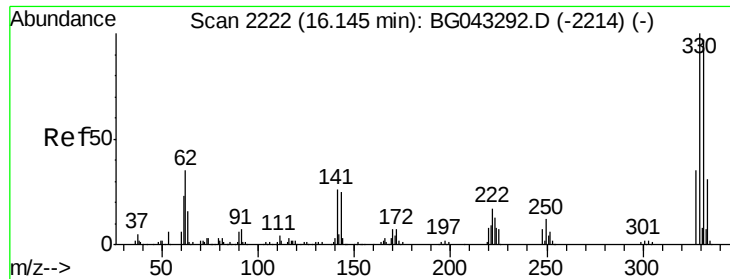


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

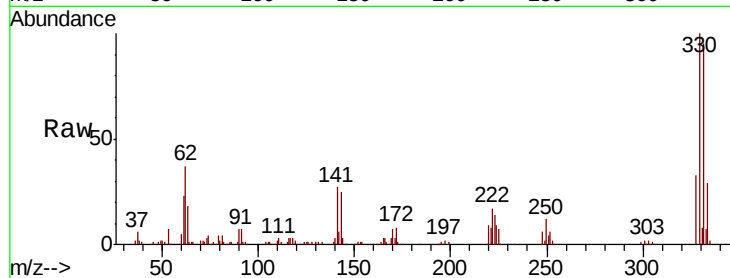




#42
 2,4,6-Tribromophenol
 Concen: 115.819 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	29.5	23.4	35.2

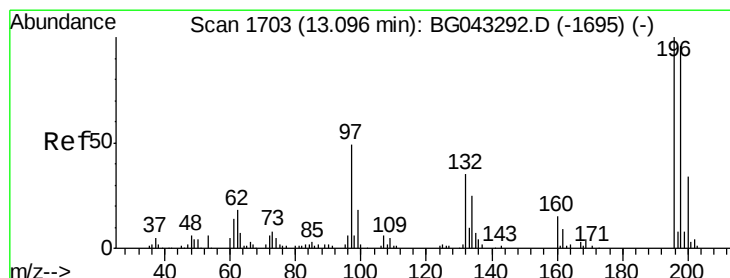
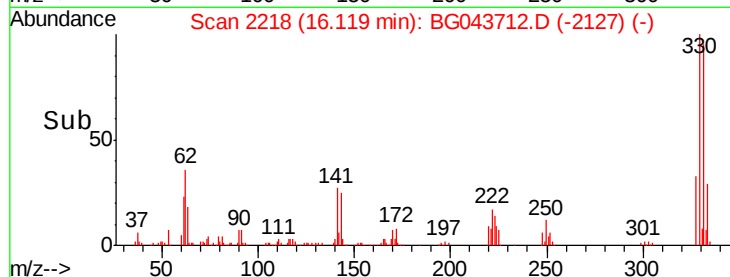
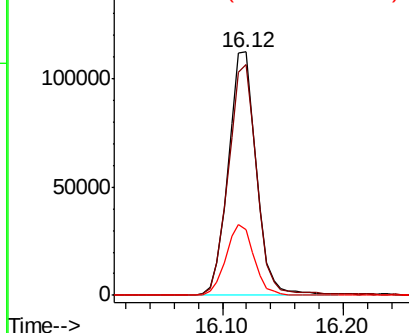


Abundance

Ion 329.80 (329.50 to 330.50): E

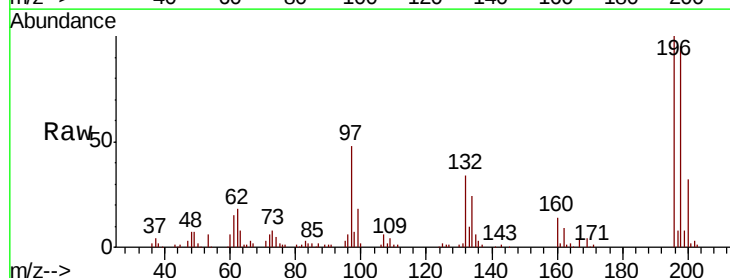
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 42.016 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	81.3	121.9
200	32.3	28.2	42.2

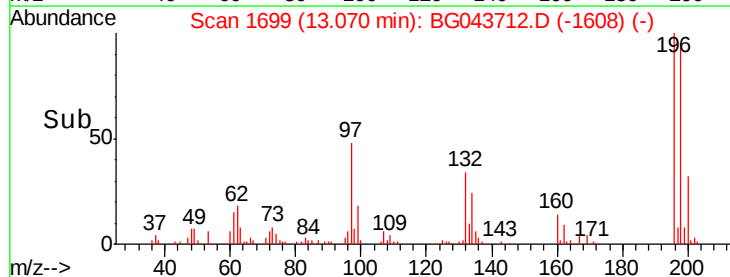
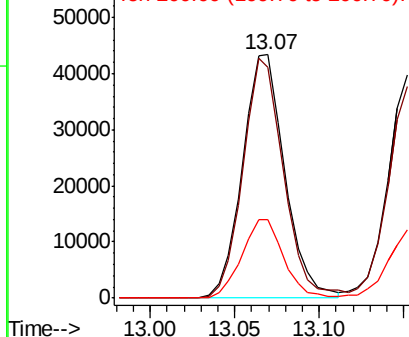


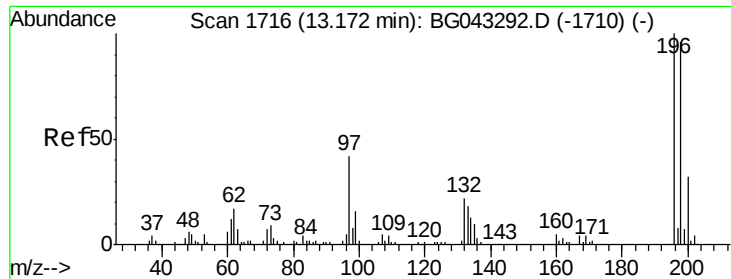
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

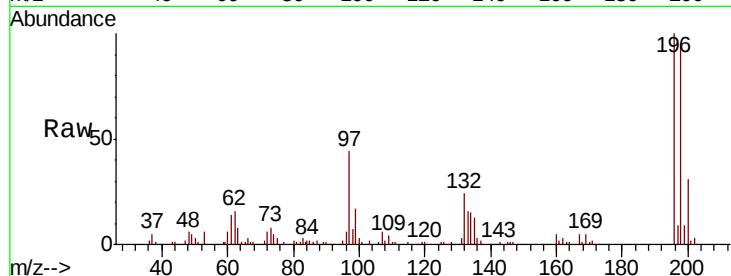




#44
 2,4,5-Trichlorophenol
 Concen: 44.716 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.4	116.2
97	44.2	35.9	53.9
132	23.9	20.0	30.0



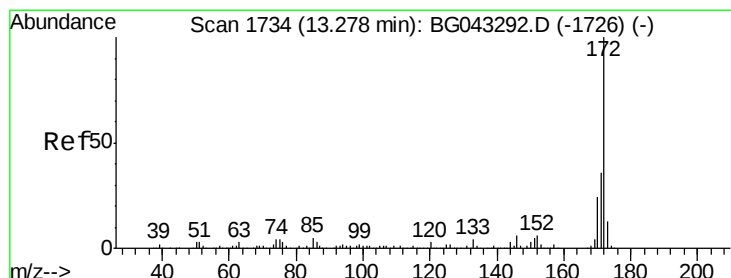
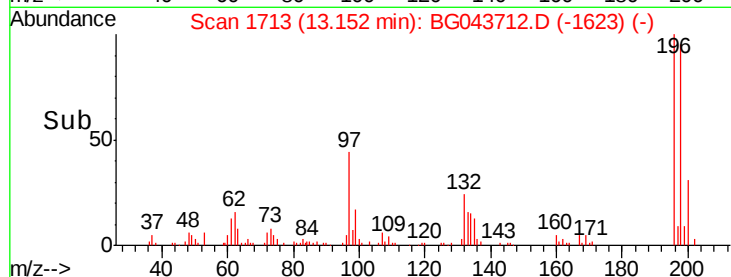
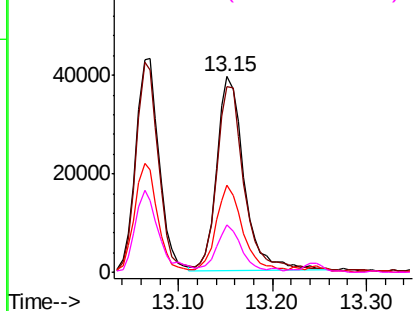
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

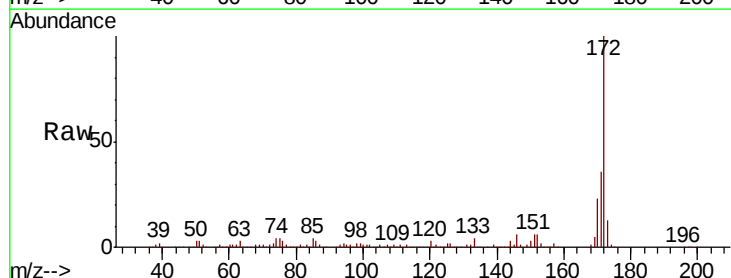
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.338 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.1	42.1
170	23.3	18.8	28.2

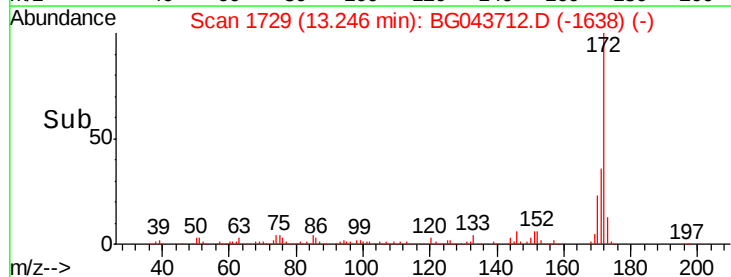
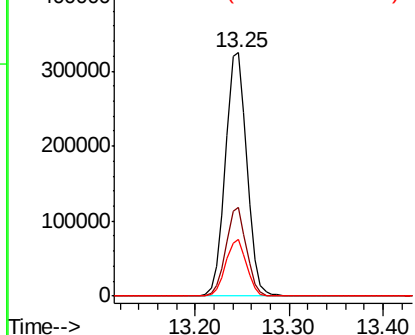


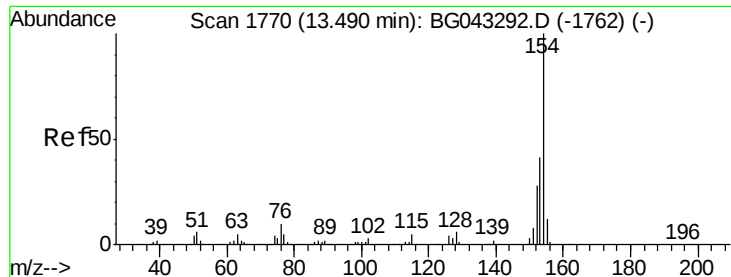
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 43.381 ng

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

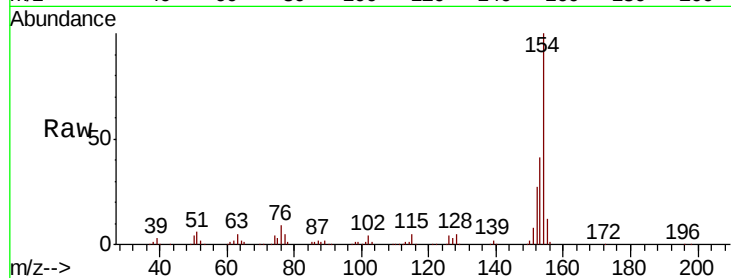
BNA_G

ClientSampleId :

PB124943BS

Tot Ion:154 Resp: 272599

Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.6	62.6
76	9.4	0.0	29.1

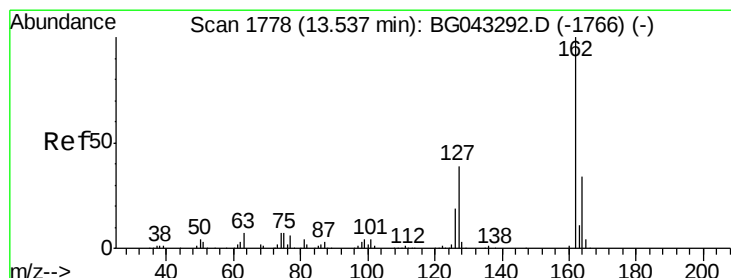
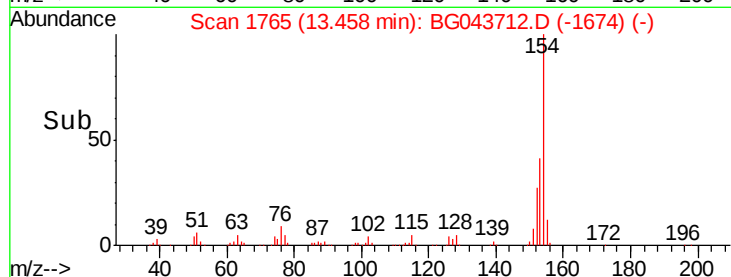
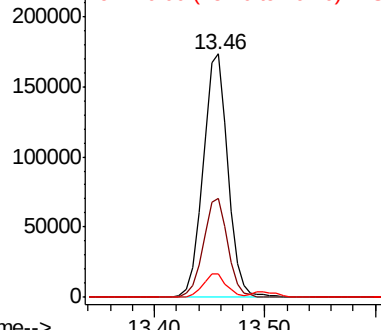


Abundance

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: 42.668 ng

RT: 13.50 min Scan# 1772

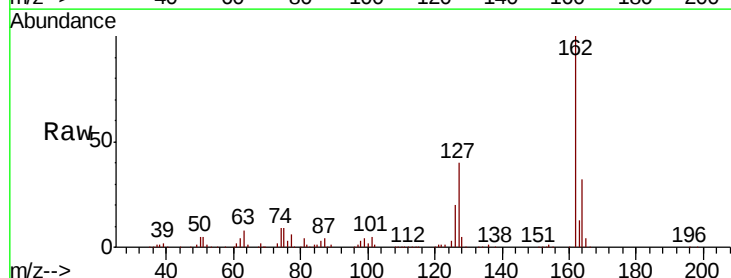
Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:162 Resp: 204005

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.8	49.2
164	32.5	27.8	41.8

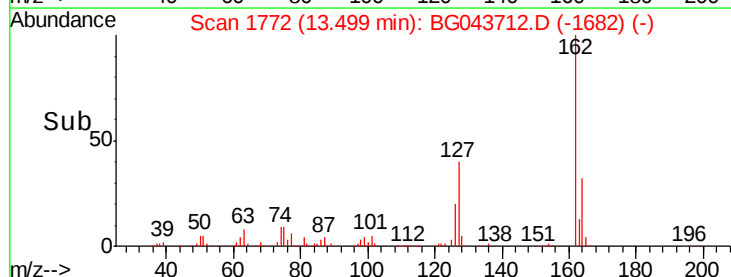
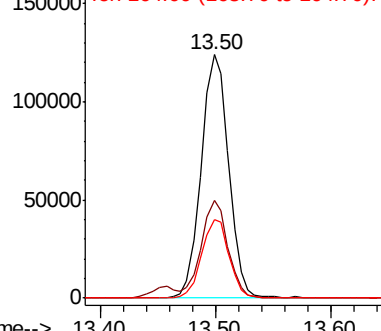


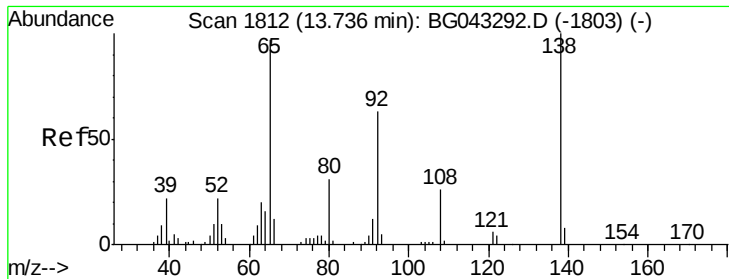
Abundance

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

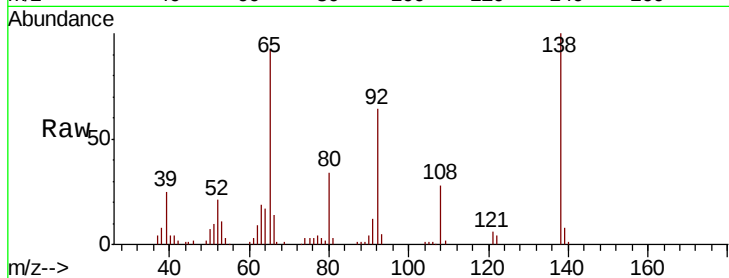




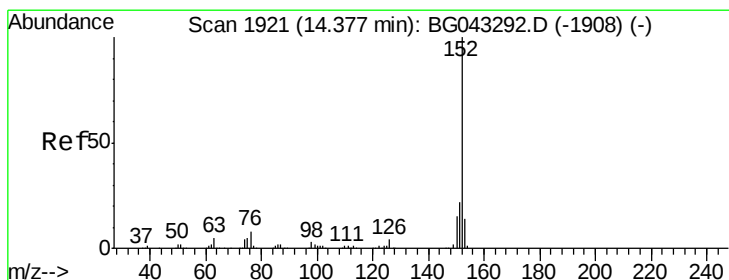
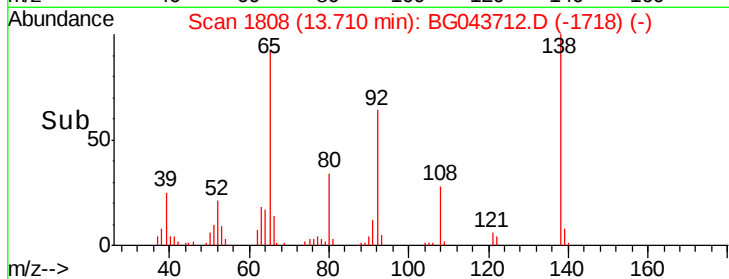
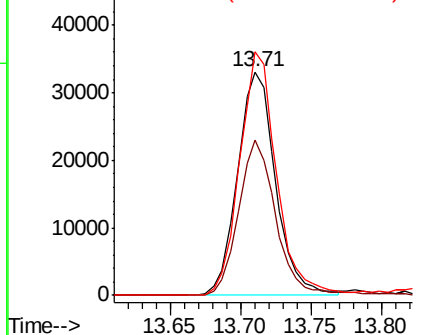
#48
2-Nitroaniline
Concen: 43.646 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :
PB124943BS

Tot Ion: 65 Resp: 62370
Ion Ratio Lower Upper
65 100
92 69.3 54.9 82.3
138 108.9 85.0 127.6

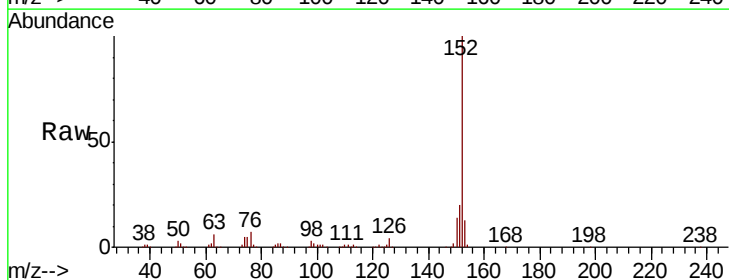


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

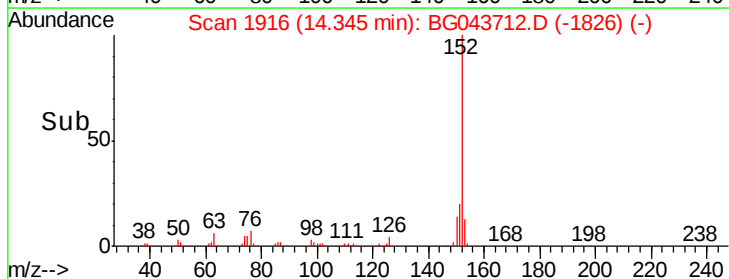
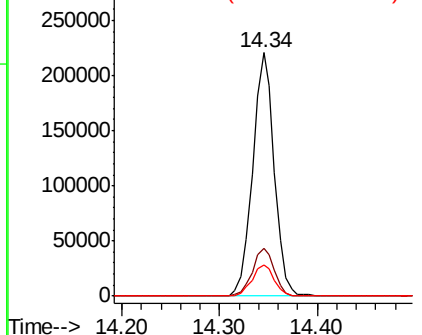


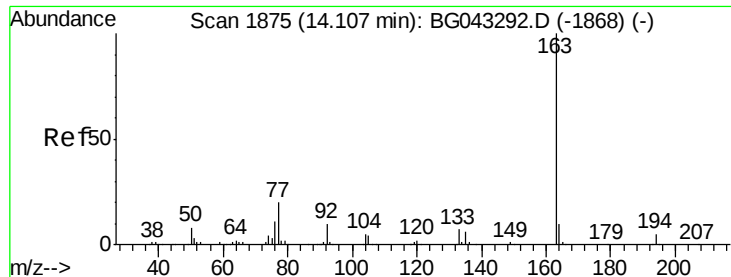
#49
Acenaphthylene
Concen: 46.046 ng
RT: 14.34 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion: 152 Resp: 342640
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.9 11.0 16.4



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: 43.762 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

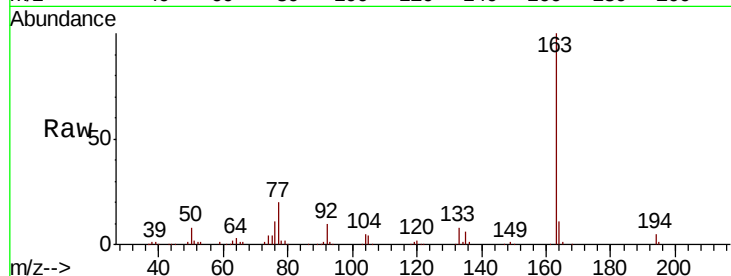
BNA_G

ClientSampleId :

PB124943BS

Tot Ion:163 Resp: 279989

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.7	8.5	12.7

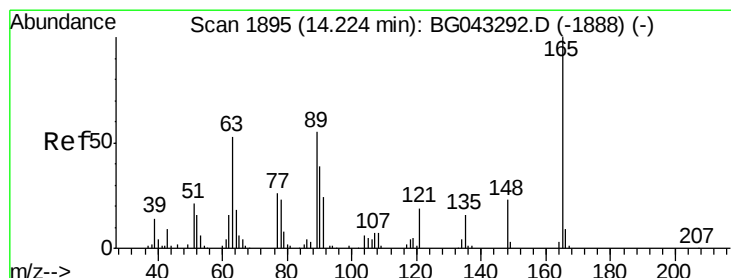
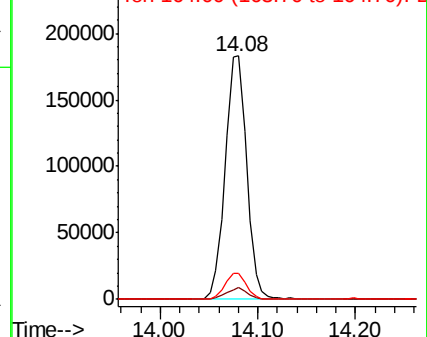
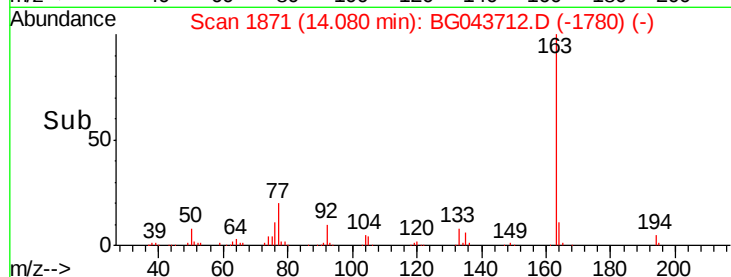


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 45.975 ng

RT: 14.20 min Scan# 1891

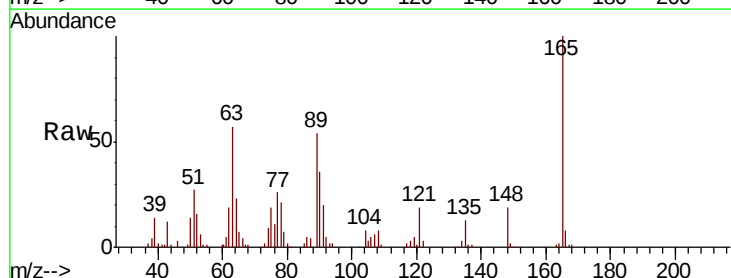
Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:165 Resp: 63903

Ion	Ratio	Lower	Upper
165	100		
63	57.3	45.0	67.6
89	53.6	39.8	59.8

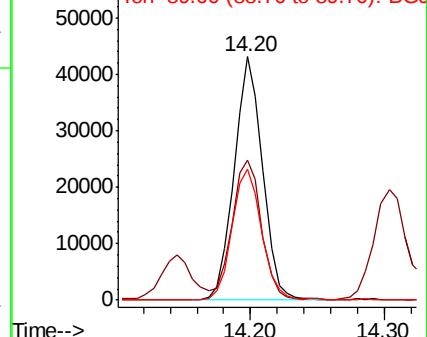
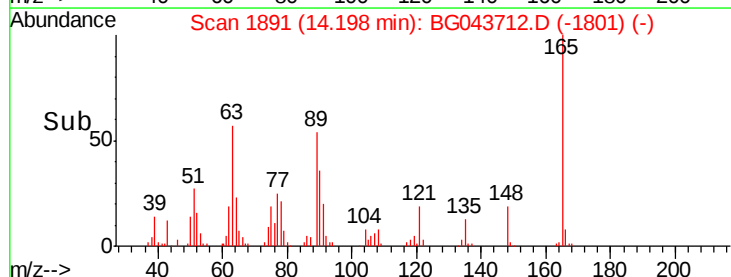


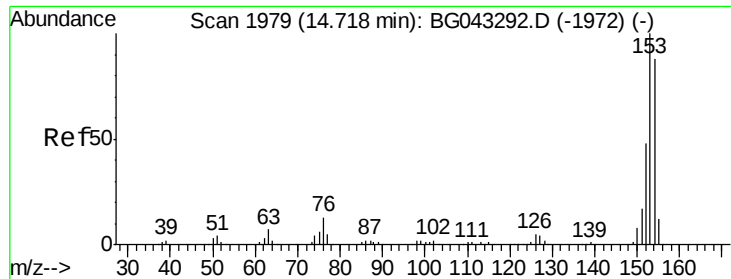
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 44.436 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

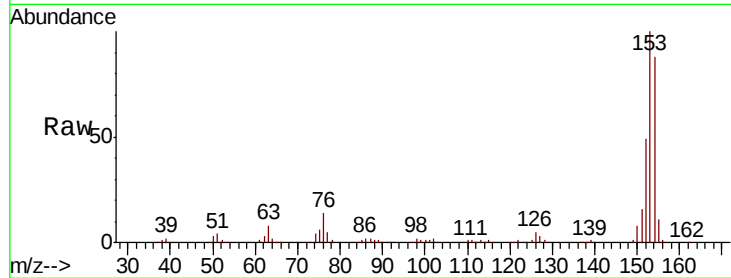
Tot Ion:154 Resp: 201645

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

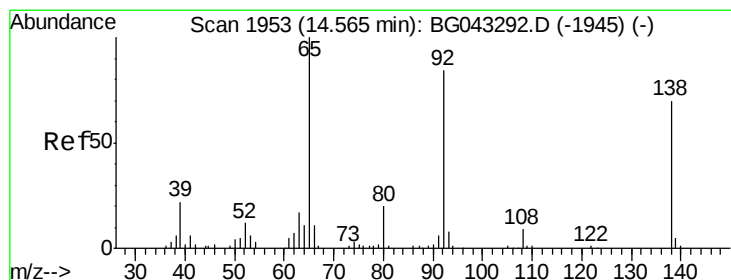
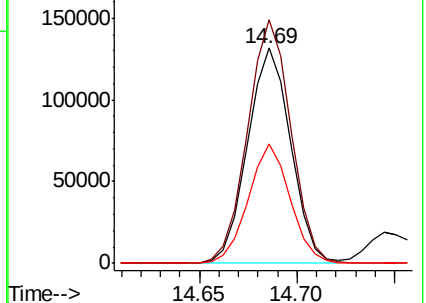
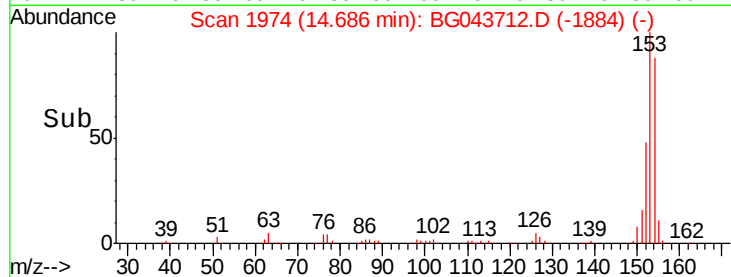
152 55.5 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 12.464 ng

RT: 14.54 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

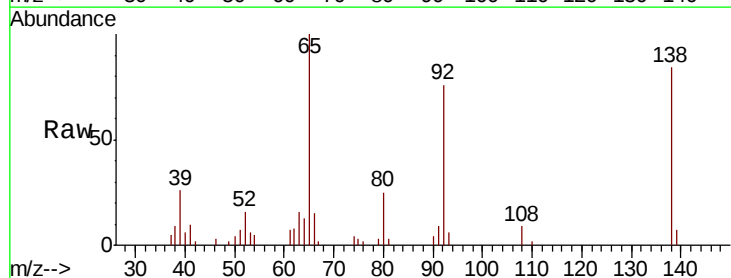
Tgt Ion:138 Resp: 16727

Ion Ratio Lower Upper

138 100

108 10.4 9.8 14.8

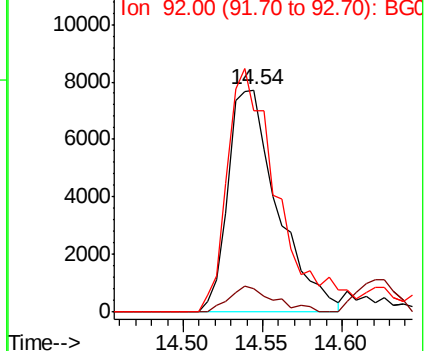
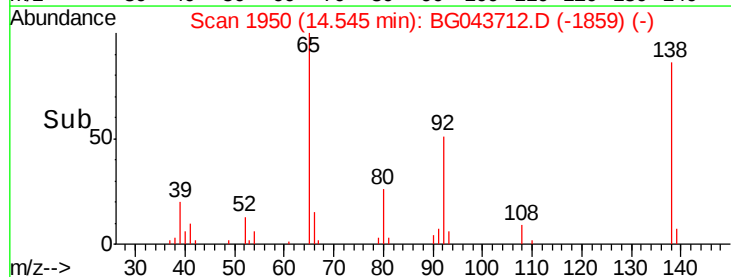
92 90.4 88.1 132.1

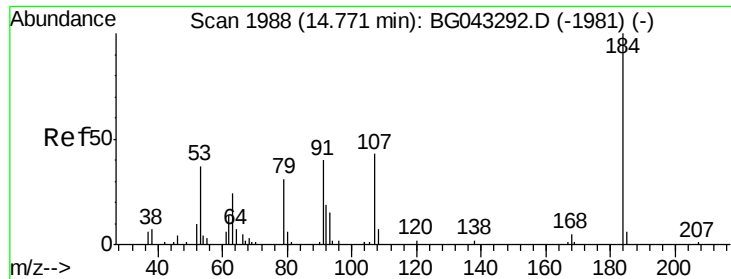


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

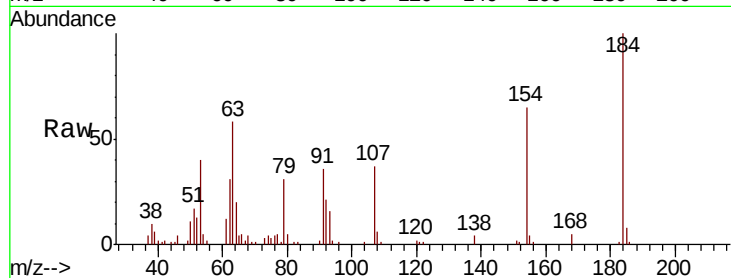




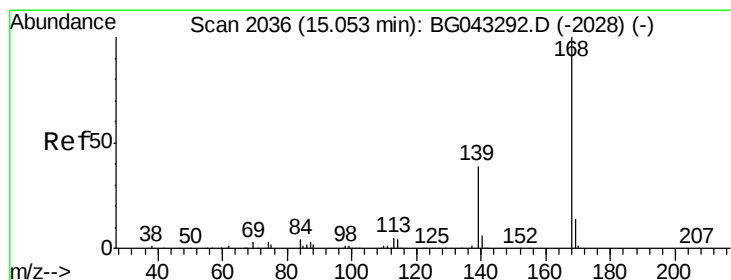
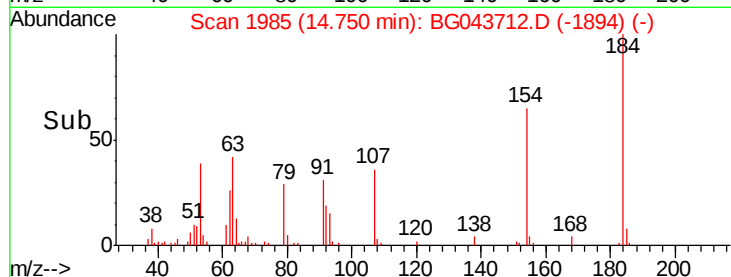
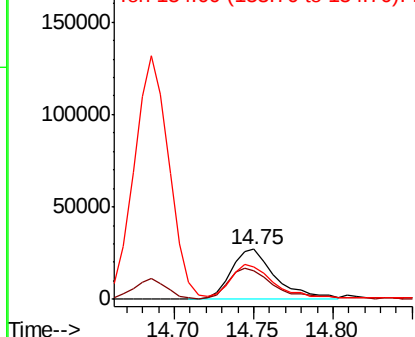
#54
 2,4-Dinitrophenol
 Concen: 62.546 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion:184 Resp: 52770
 Ion Ratio Lower Upper
 184 100
 63 57.9 59.0 88.4#
 154 65.0 57.4 86.2

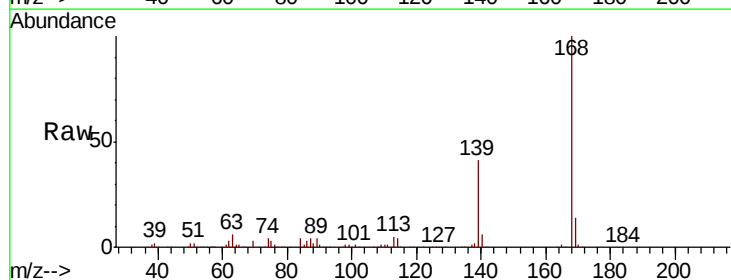


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

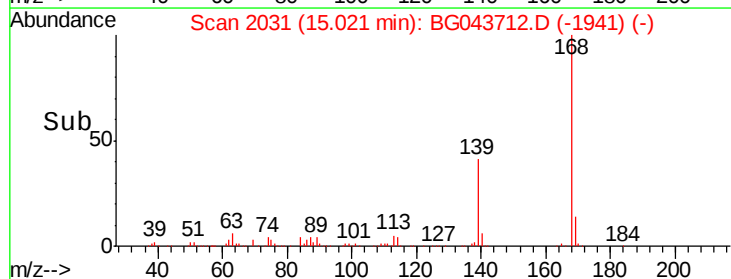
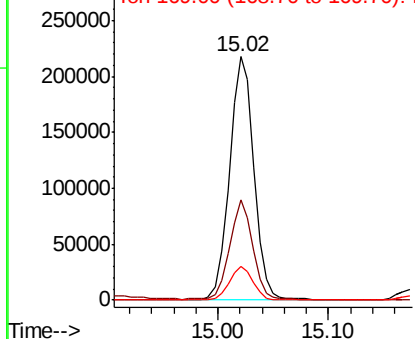


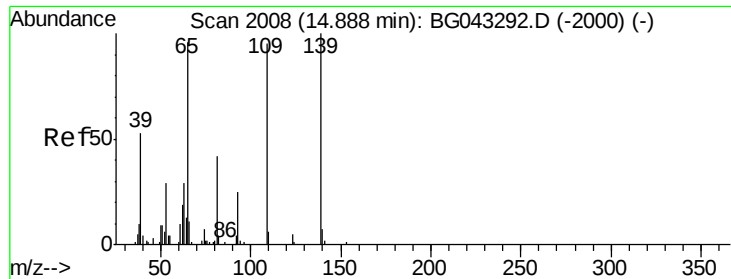
#55
 Dibenzofuran
 Concen: 45.798 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:168 Resp: 337027
 Ion Ratio Lower Upper
 168 100
 139 41.2 32.7 49.1
 169 13.8 10.6 15.8



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





#56

4-Nitrophenol

Concen: 18.089 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

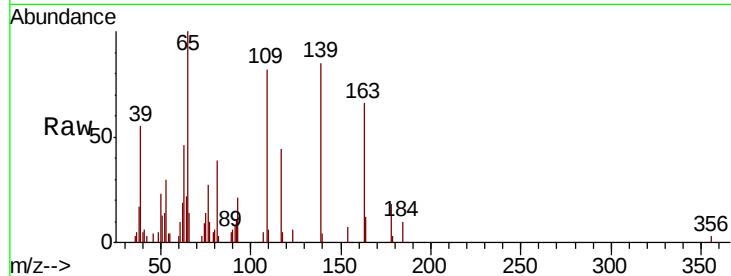
Tot Ion:139 Resp: 16267

Ion Ratio Lower Upper

139 100

109 96.7 64.0 104.0

65 117.9 75.6 115.6#

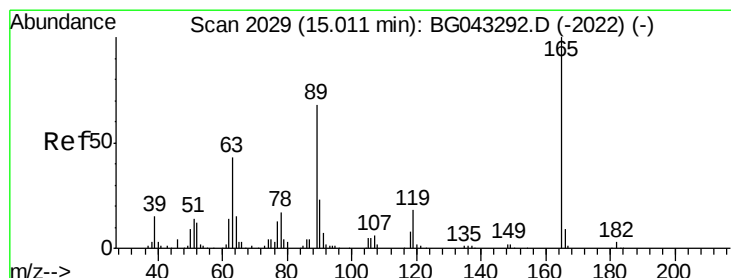
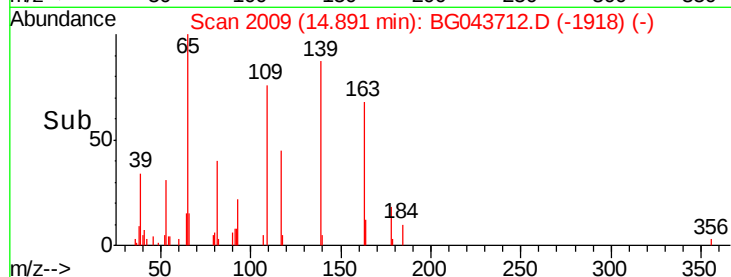
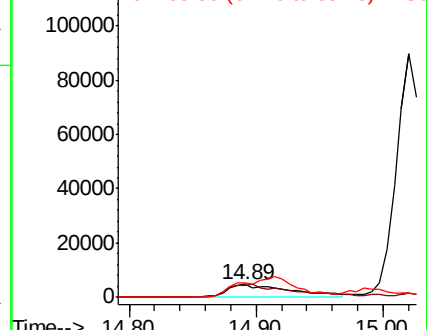


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 45.386 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion:165 Resp: 90156

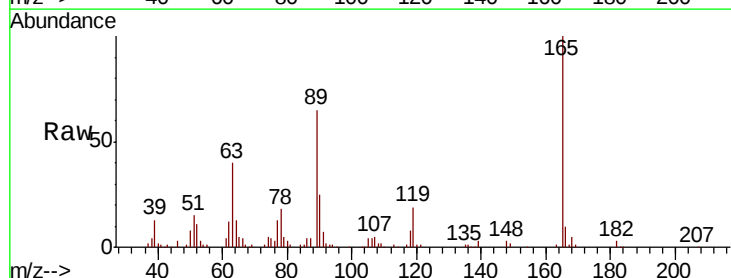
Ion Ratio Lower Upper

165 100

63 40.3 37.4 56.0

89 65.5 50.9 76.3

182 3.5 2.3 3.5#



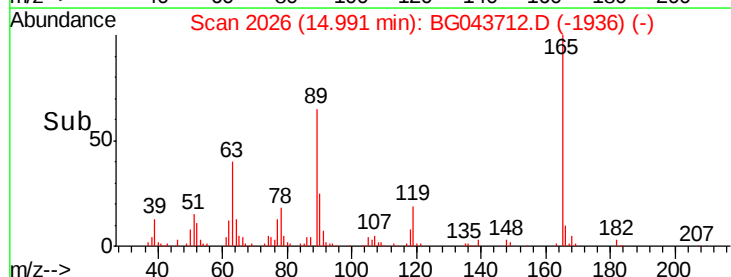
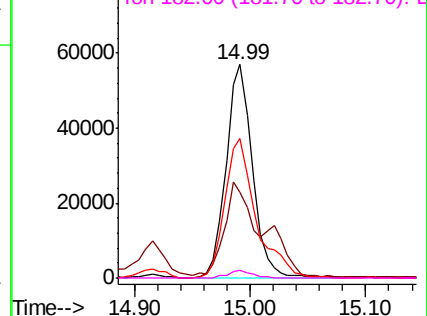
Abundance

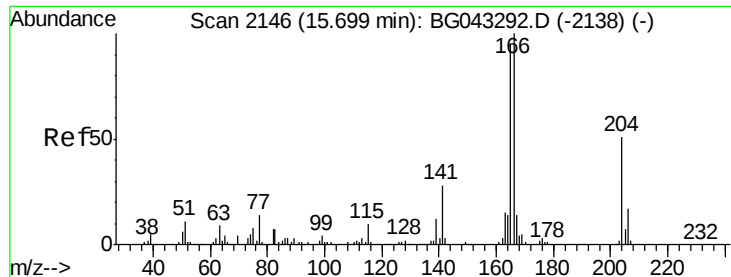
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

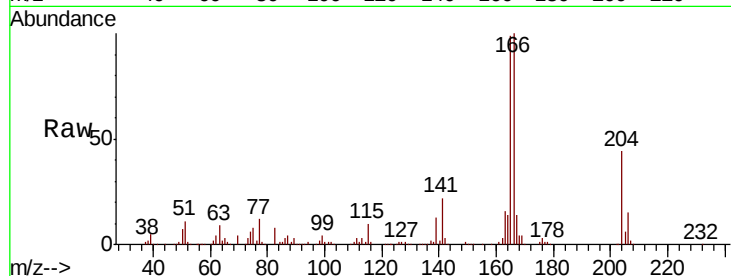




#58
 Fluorene
 Concen: 44.560 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.4	117.6
167	14.2	11.2	16.8

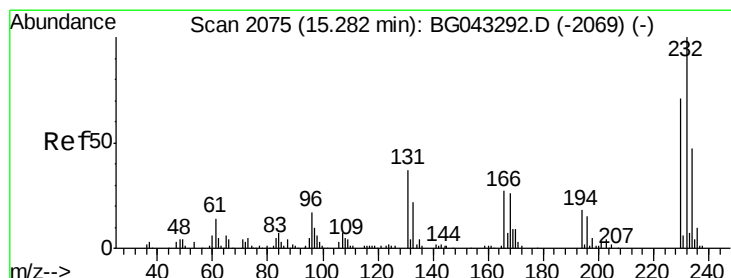
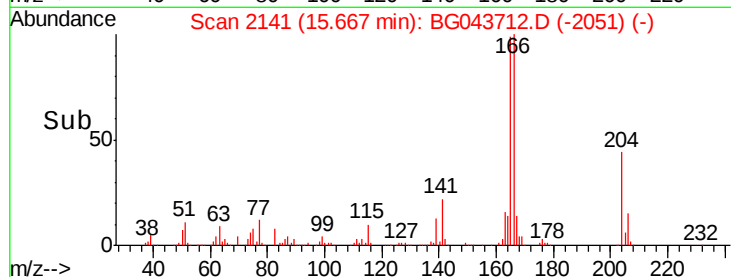
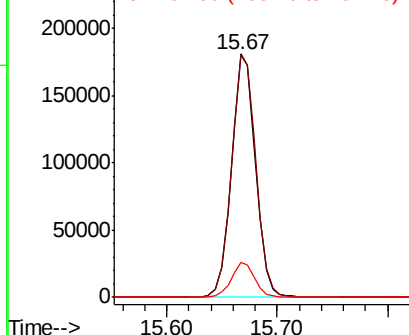


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.869 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	29.6	44.4
130	2.3	1.4	2.0
166	26.0	21.2	31.8

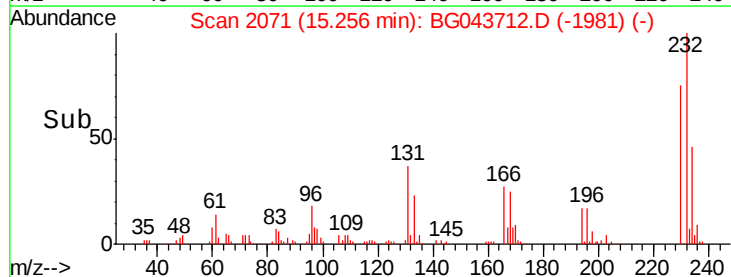
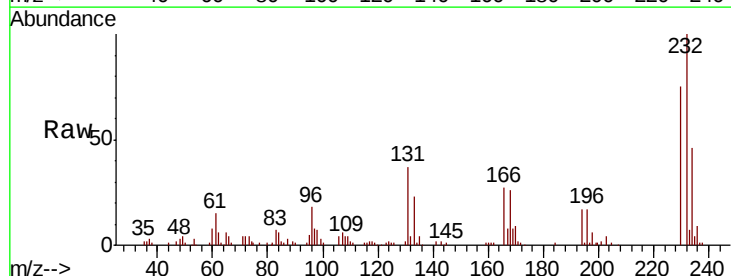
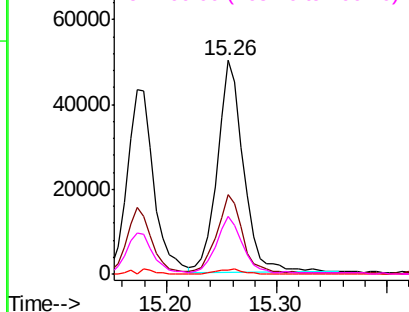
Abundance

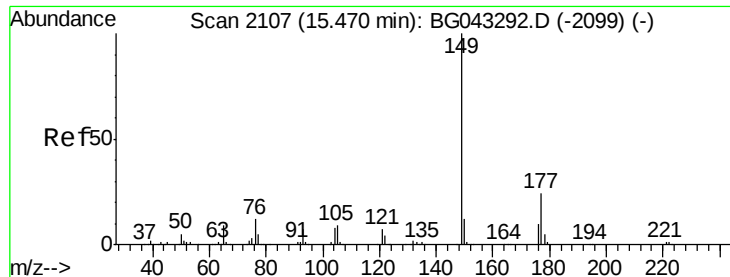
Ion 232.00 (231.70 to 232.70): E

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

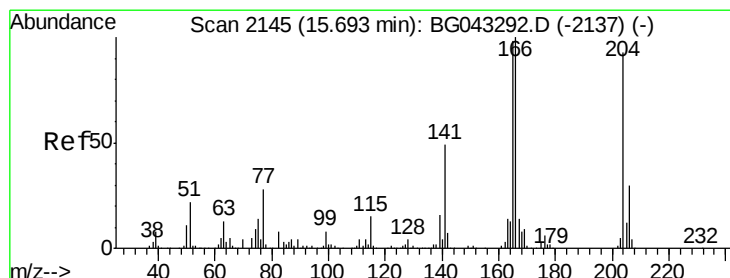
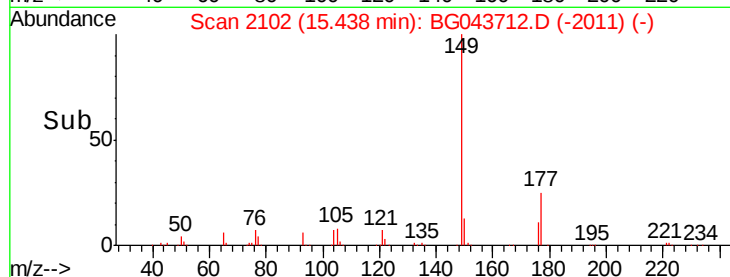
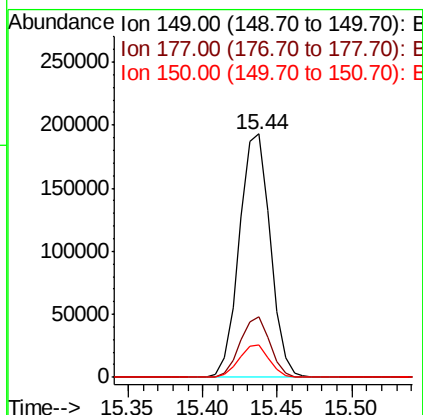
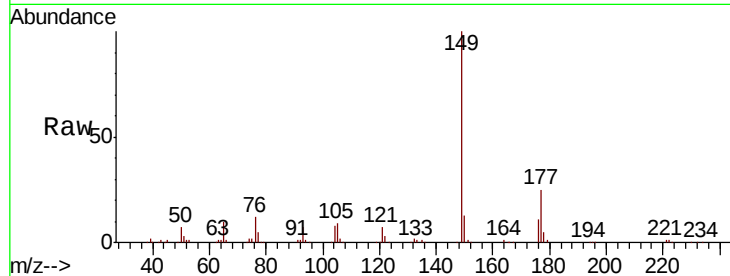




#60
Diethylphthalate
Concen: 43.259 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

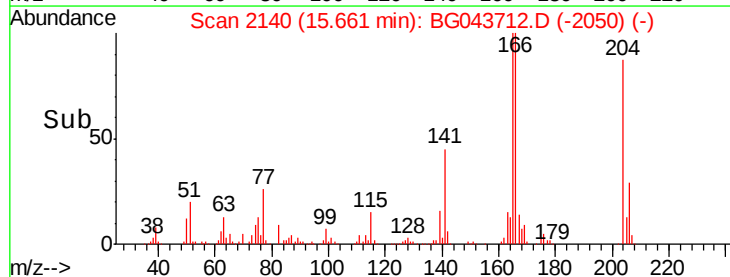
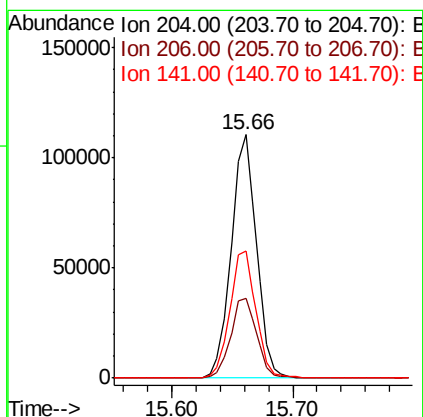
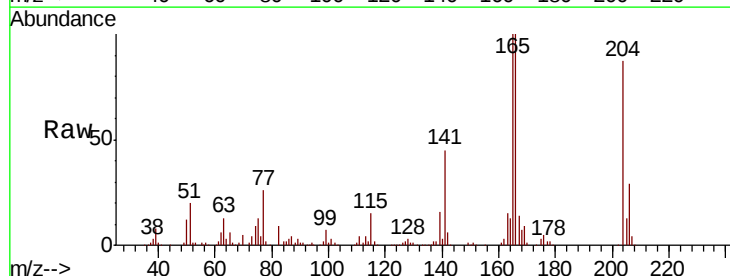
Instrument :
BNA_G
ClientSampleId :
PB124943BS

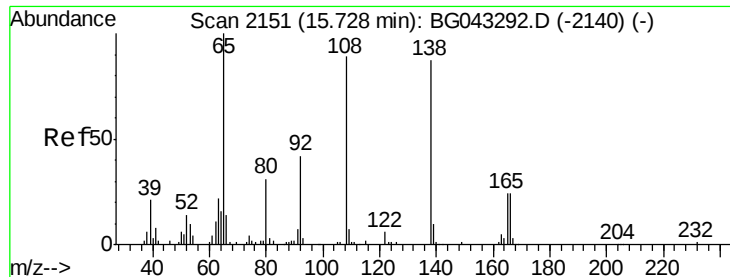
Tot Ion:149 Resp: 278098
Ion Ratio Lower Upper
149 100
177 24.7 19.3 28.9
150 13.3 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 44.776 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:204 Resp: 161223
Ion Ratio Lower Upper
204 100
206 33.0 28.2 42.4
141 52.3 44.5 66.7





#62

4-Nitroaniline

Concen: 40.646 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

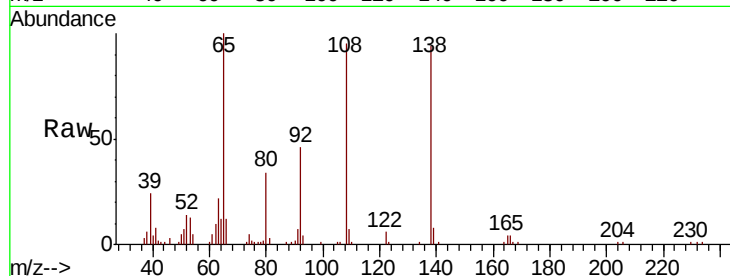
Tot Ion:138 Resp: 56332

Ion Ratio Lower Upper

138 100

92 49.1 31.0 71.0

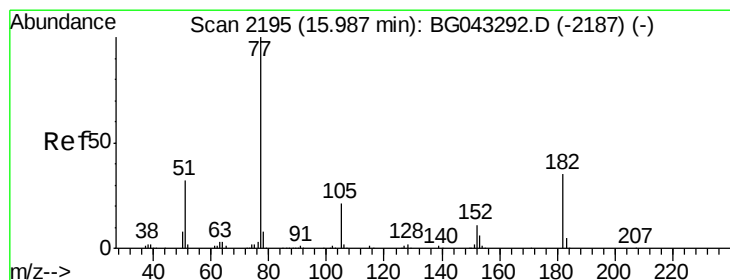
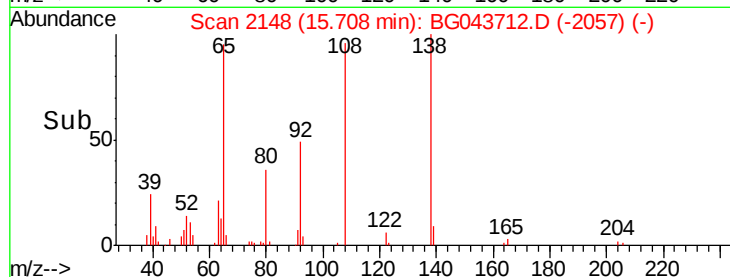
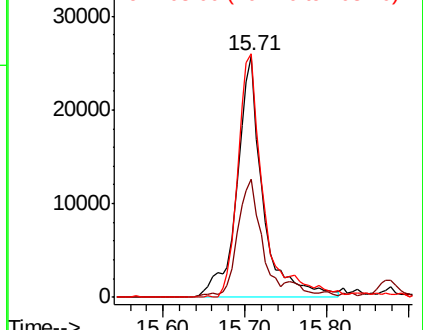
108 100.9 85.0 125.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 45.420 ng

RT: 15.95 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Tgt Ion: 77 Resp: 236313

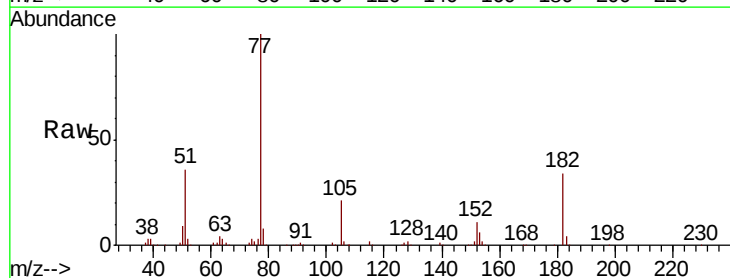
Ion Ratio Lower Upper

77 100

182 34.1 11.2 51.2

105 21.4 1.5 41.5

51 36.1 14.7 54.7

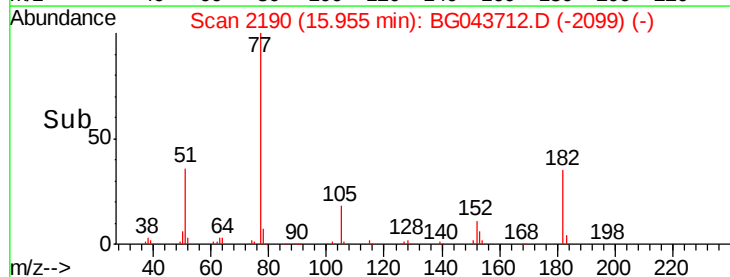
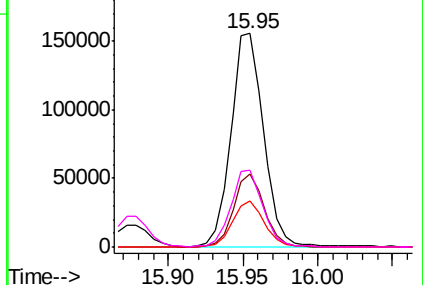


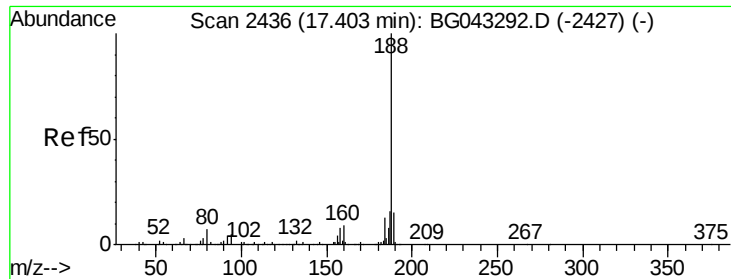
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

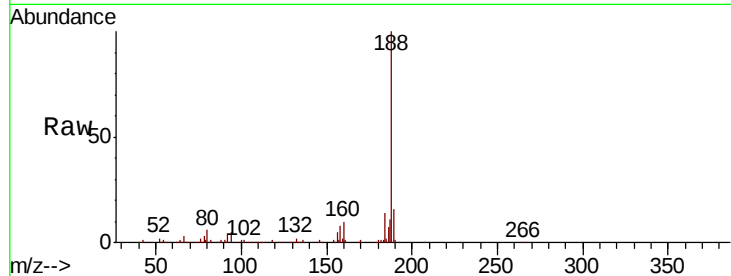
Tot Ion:188 Resp: 200817

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

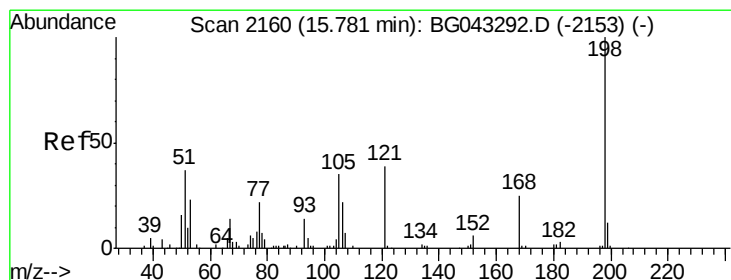
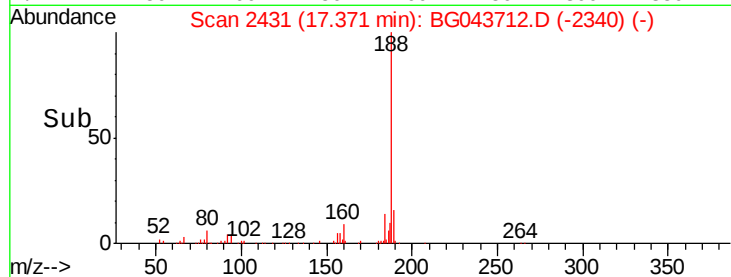
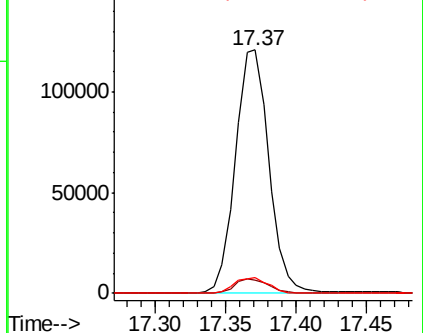
80 6.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 41.433 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

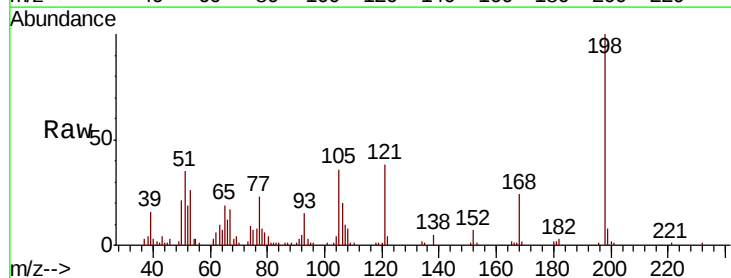
Tgt Ion:198 Resp: 48966

Ion Ratio Lower Upper

198 100

51 34.8 17.3 57.3

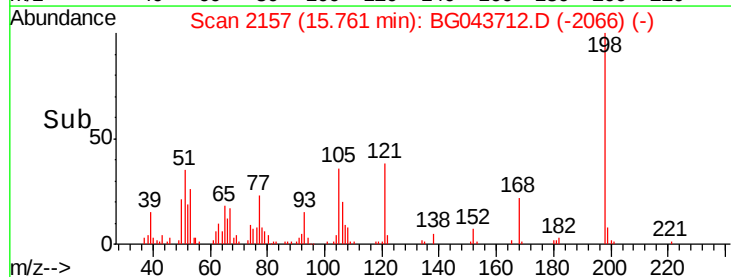
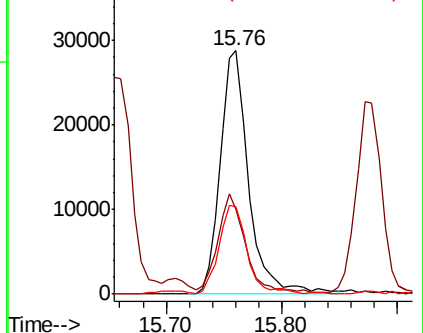
105 35.7 13.9 53.9

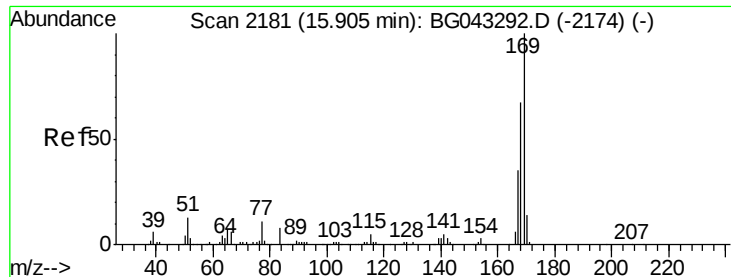


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

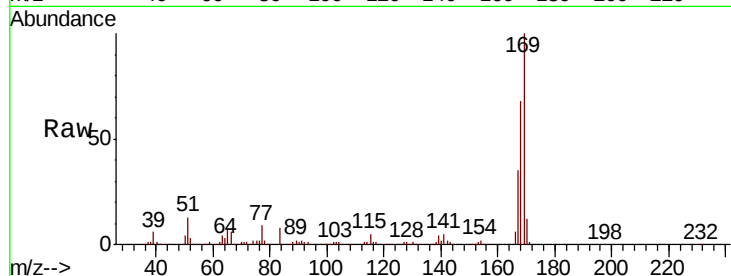




#66
 n-Nitrosodiphenylamine
 Concen: 43.763 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	56.2	84.4
167	35.3	29.8	44.8

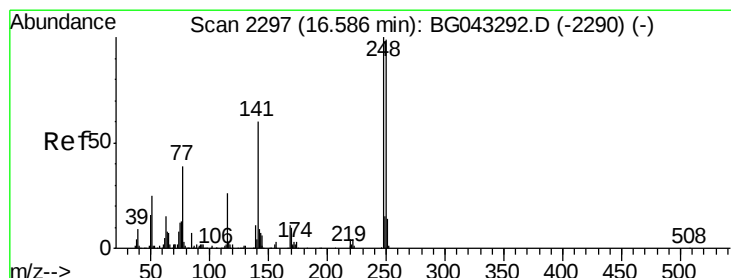
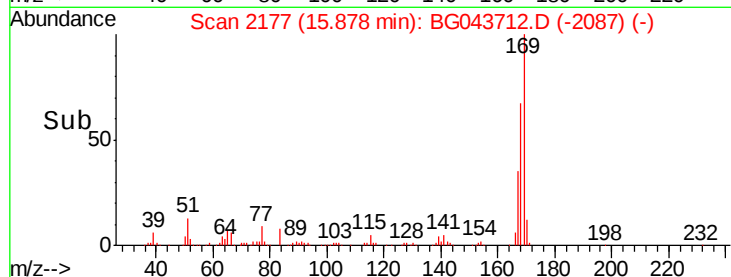
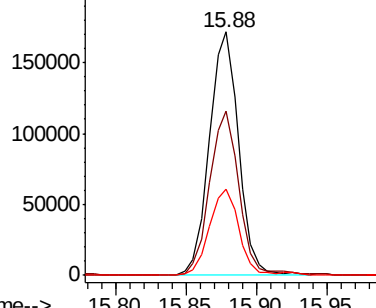


Abundance

Ion 169.00 (168.70 to 169.70): E

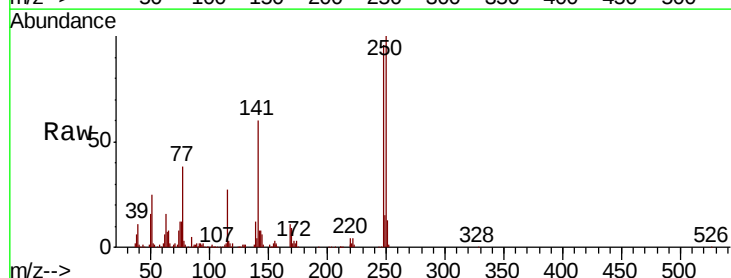
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 41.681 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	104.3	76.3	114.5
141	62.3	49.5	74.3

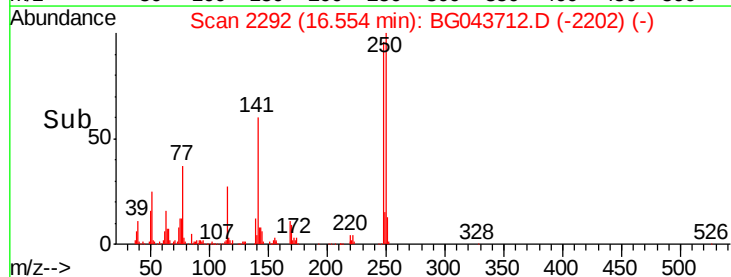
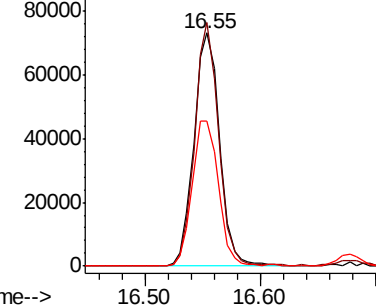


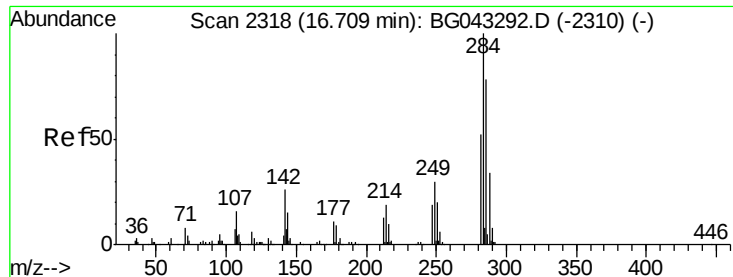
Abundance

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: 40.181 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampled :

PB124943BS

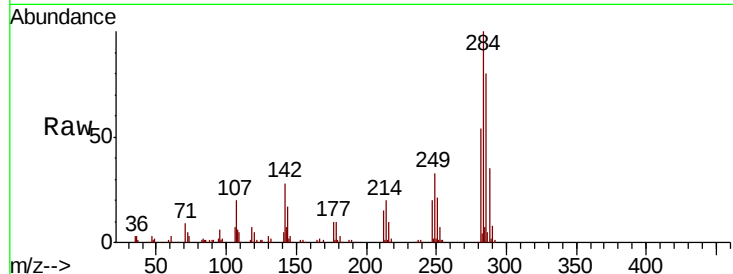
Tot Ion:284 Resp: 124648

Ion Ratio Lower Upper

284 100

142 27.7 23.2 34.8

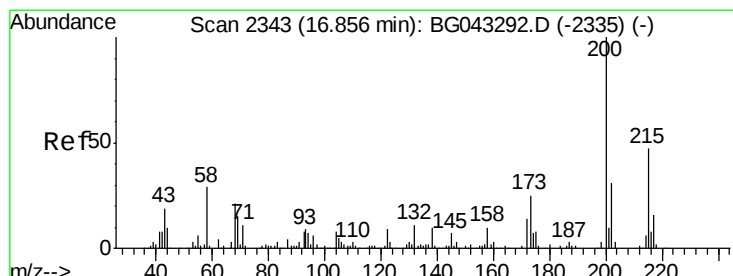
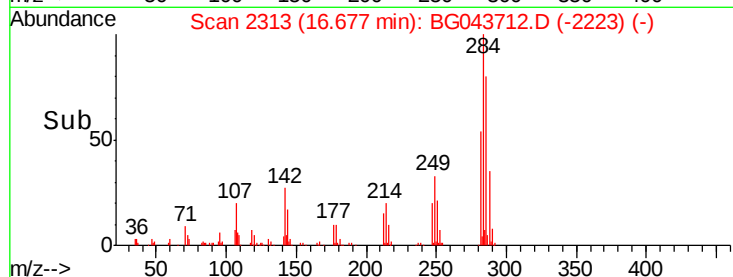
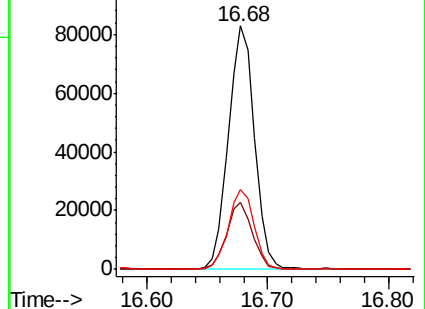
249 33.0 27.0 40.4



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: 54.342 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

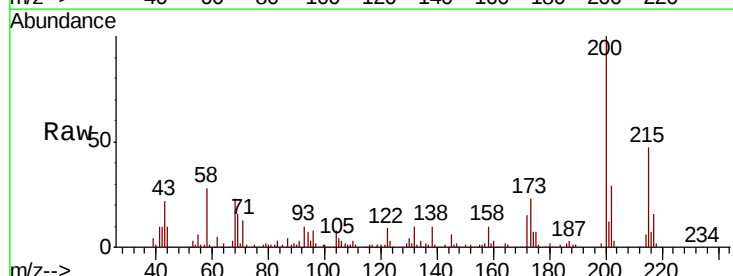
Tgt Ion:200 Resp: 107056

Ion Ratio Lower Upper

200 100

173 23.4 5.1 45.1

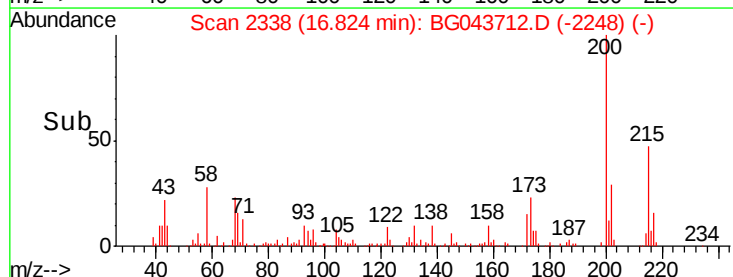
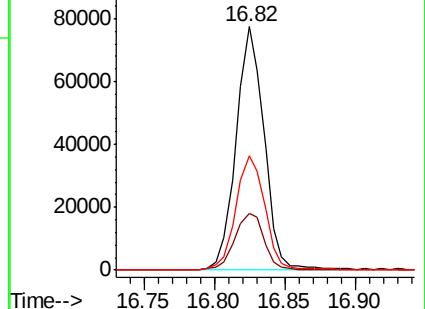
215 47.1 29.8 69.8

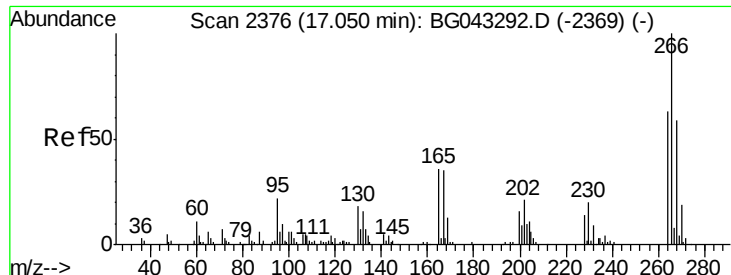


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

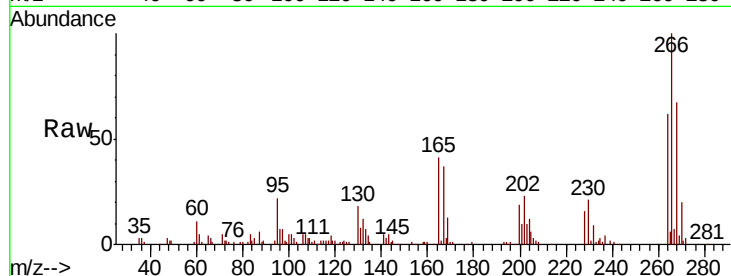




#70
 Pentachlorophenol
 Concen: 72.187 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.2	79.8
264	62.5	48.9	73.3

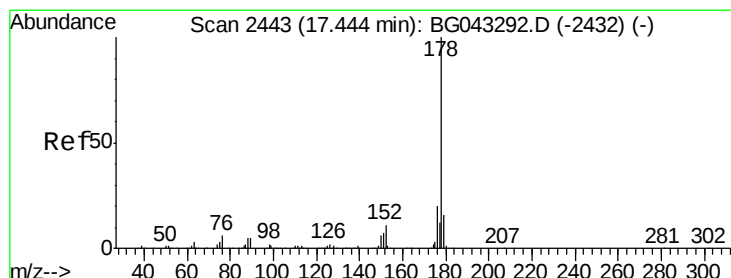
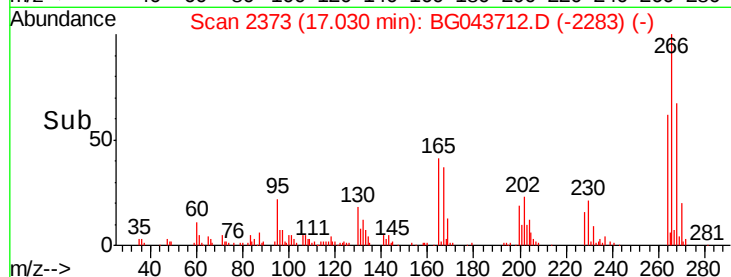
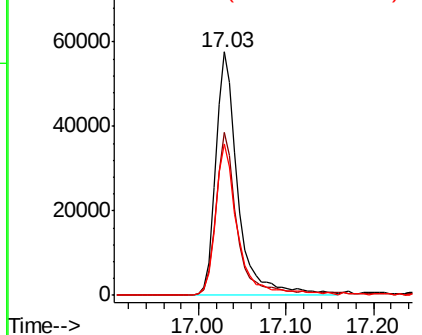


Abundance

Ion 265.70 (265.40 to 266.40): E

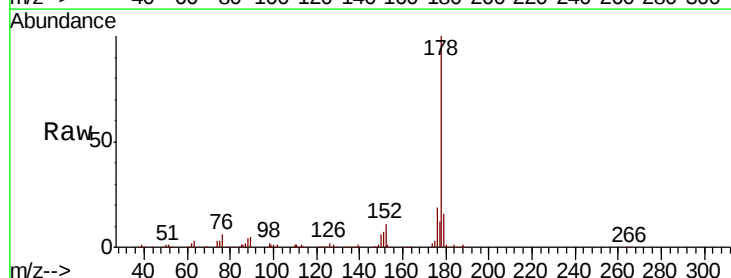
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 43.276 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.3	13.0	19.4

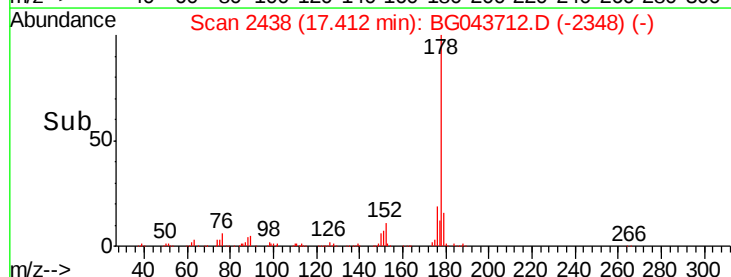
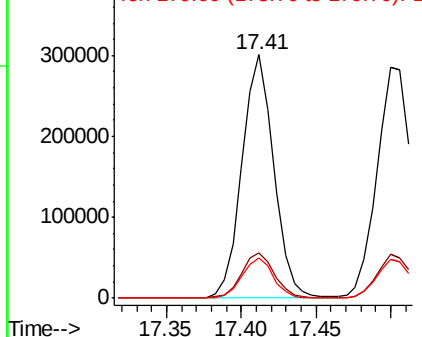


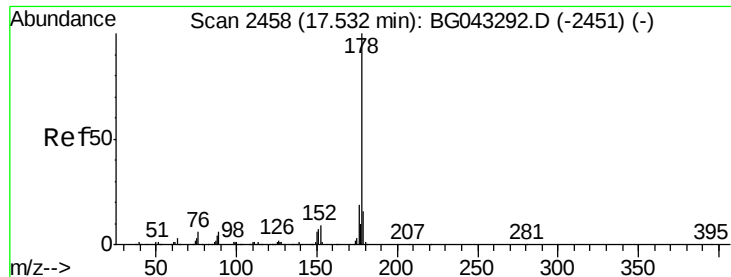
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 44.709 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

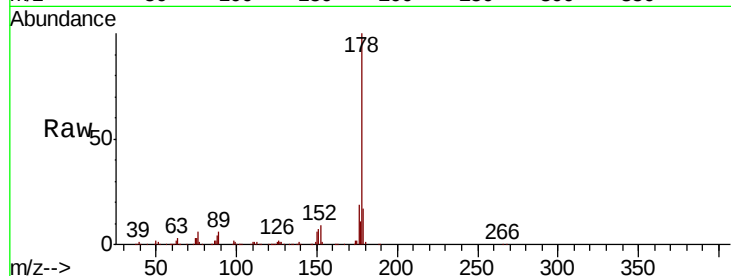
Tot Ion:178 Resp: 459992

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

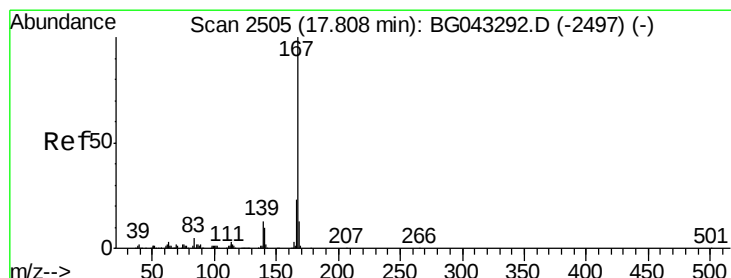
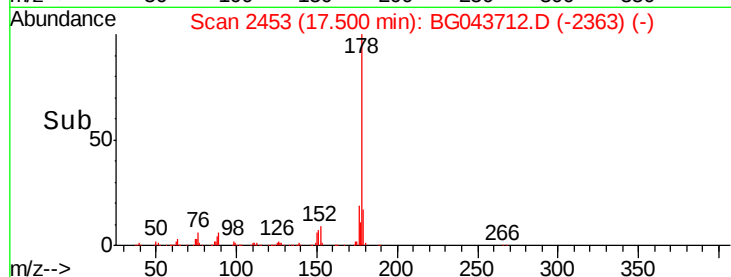
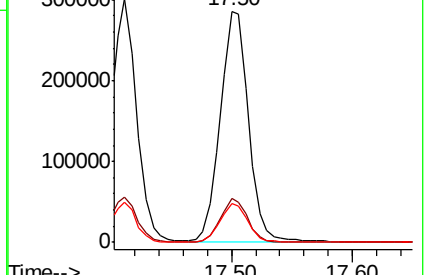
179 16.9 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 43.683 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

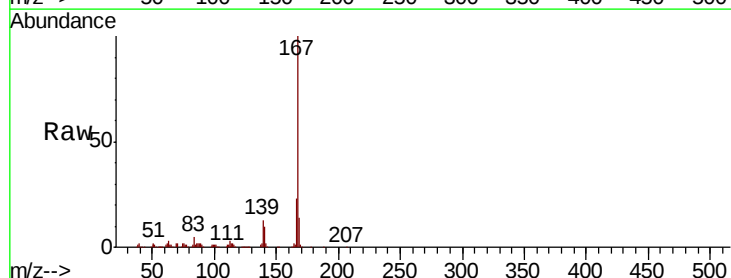
Tgt Ion:167 Resp: 407005

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

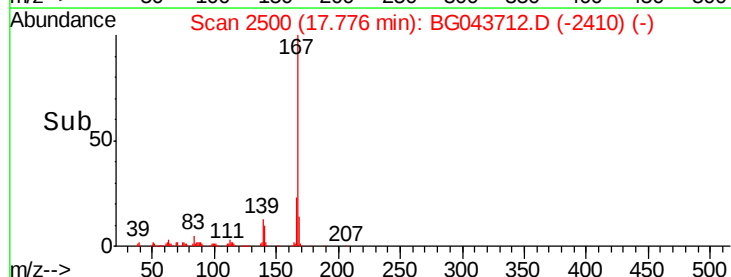
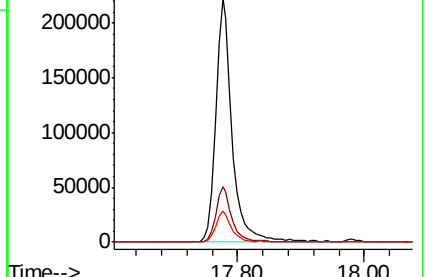
139 12.7 10.3 15.5

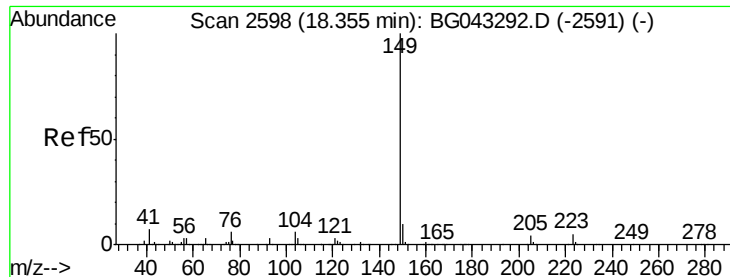


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

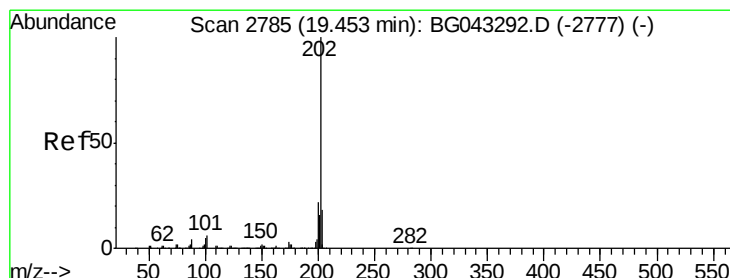
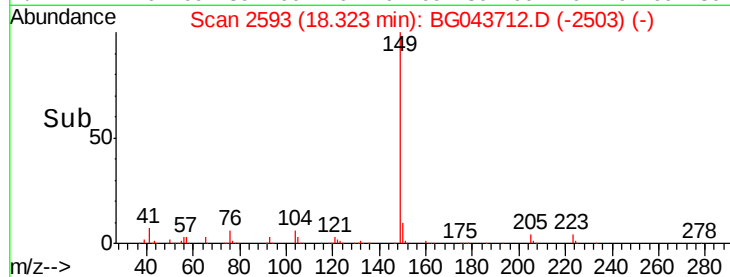
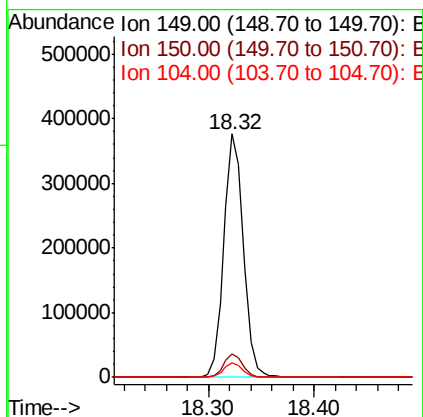
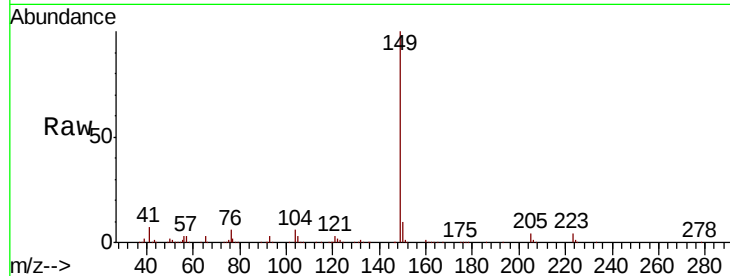




#74
Di-n-butylphthalate
Concen: 42.933 ng
RT: 18.32 min Scan# 2593
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

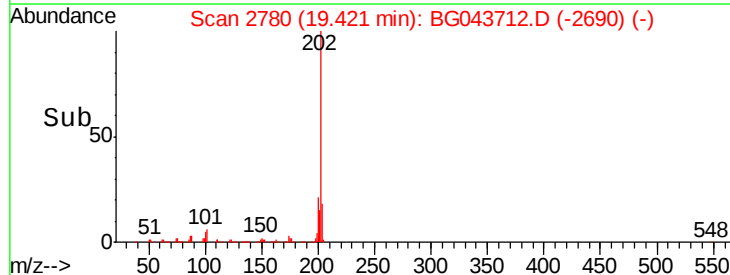
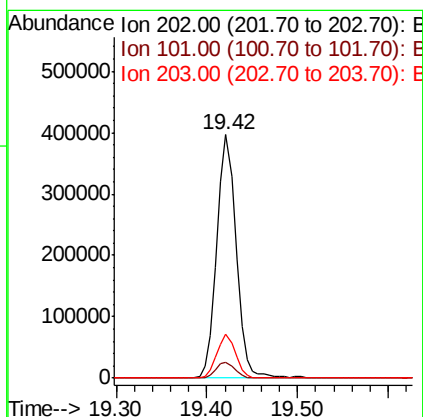
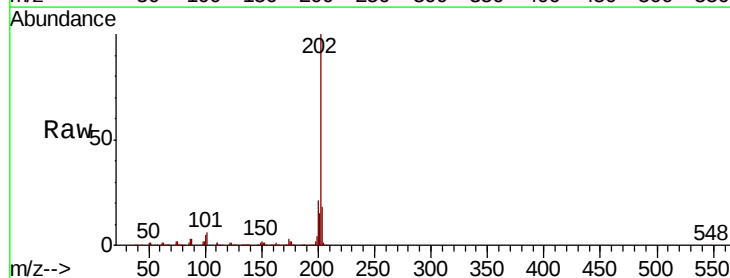
Instrument :
BNA_G
ClientSampleId :
PB124943BS

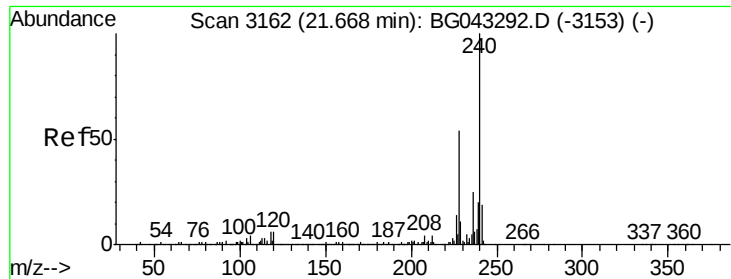
Tot Ion:149 Resp: 485365
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 6.0 4.7 7.1



#75
Fluoranthene
Concen: 44.032 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:202 Resp: 590306
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.6
203 17.9 0.0 37.6

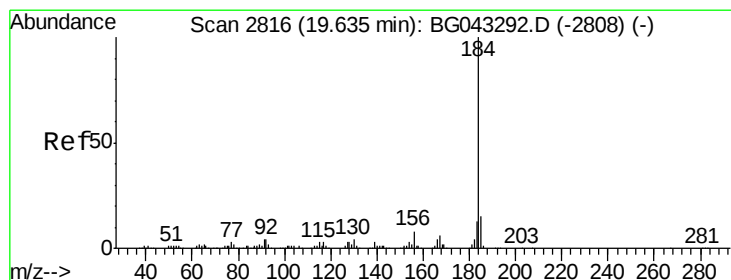
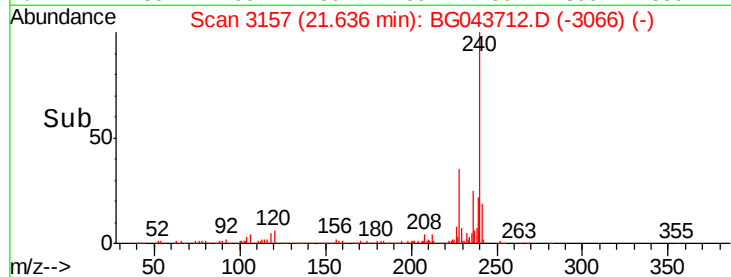
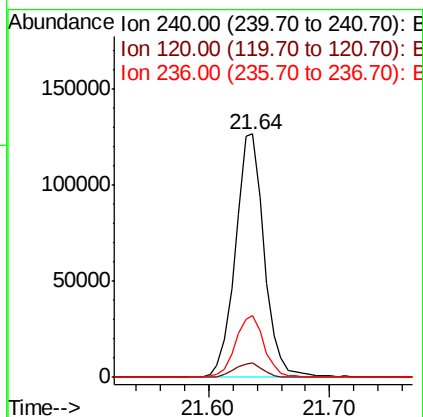
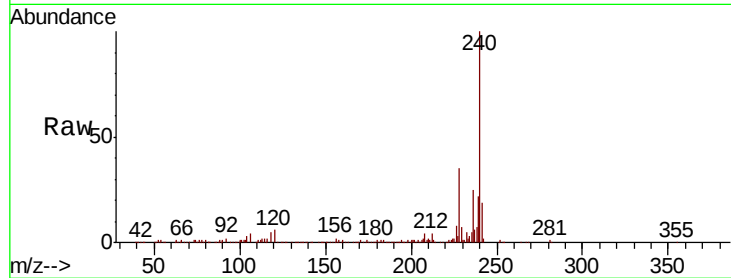




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

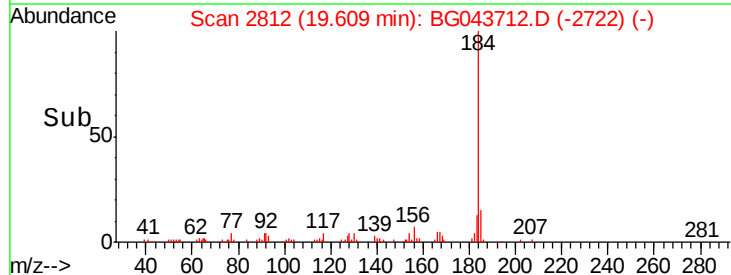
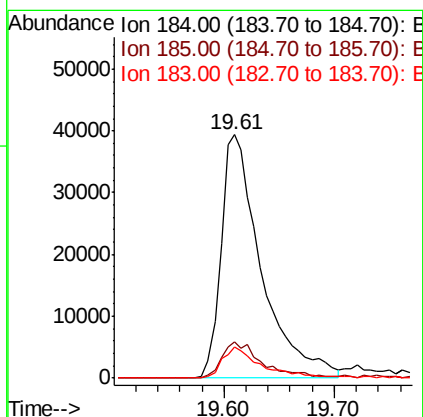
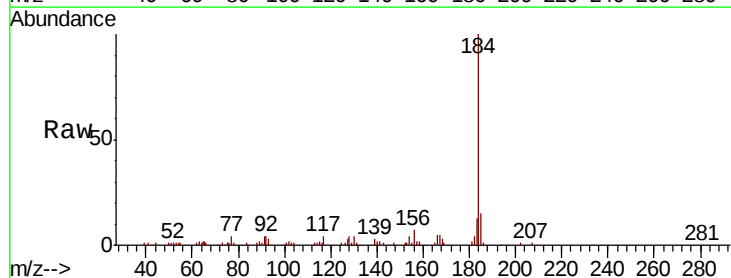
Instrument :
BNA_G
ClientSampleId :
PB124943BS

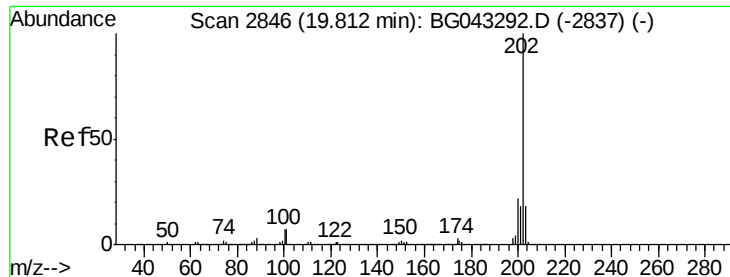
Tot Ion:240 Resp: 210312
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 25.4 21.4 32.0



#77
Benzidine
Concen: 23.634 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:184 Resp: 100034
Ion Ratio Lower Upper
184 100
185 14.7 12.7 19.1
183 12.9 8.8 13.2

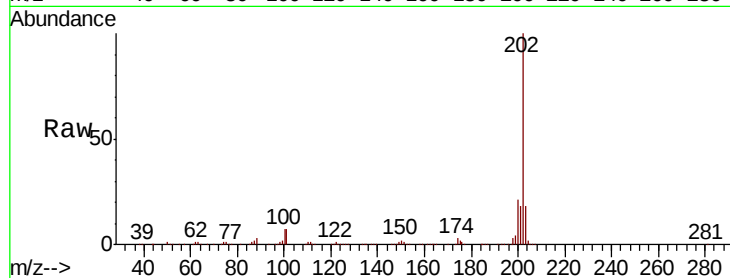




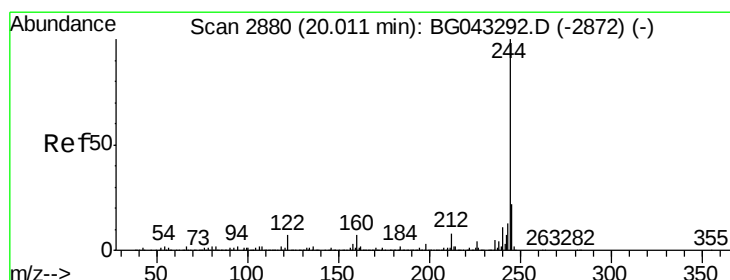
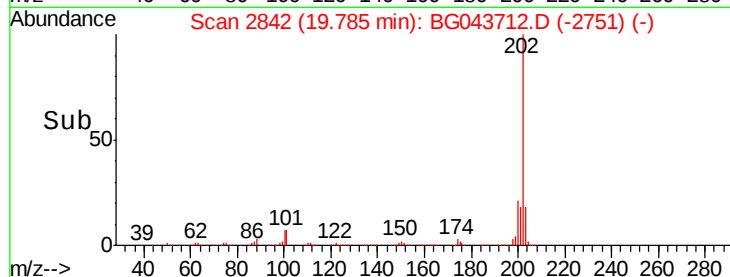
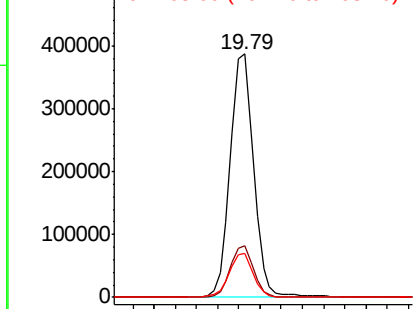
#78
Pvrene
Concen: 45.693 ng
RT: 19.79 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :
PB124943BS

Tot Ion:202 Resp: 594838
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.9 14.8 22.2

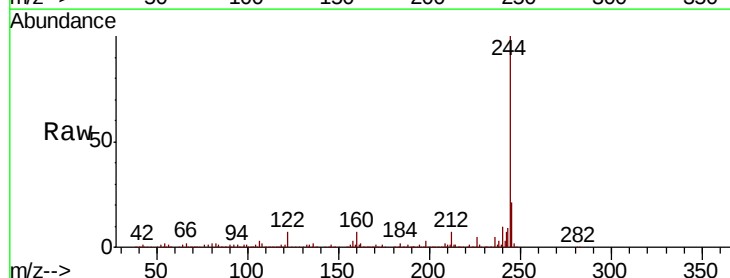


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

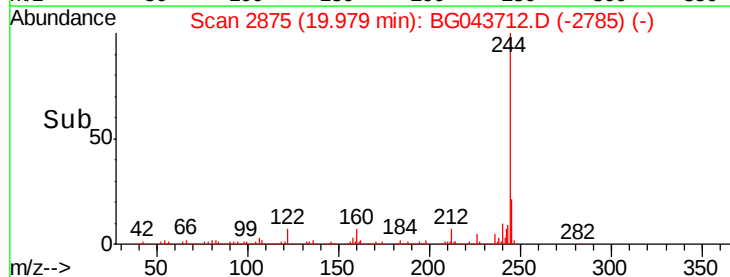
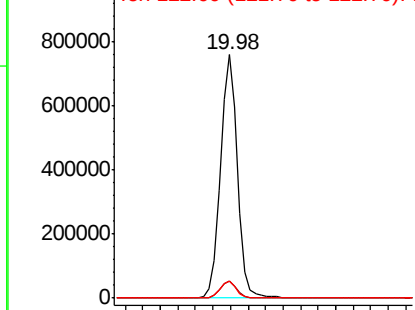


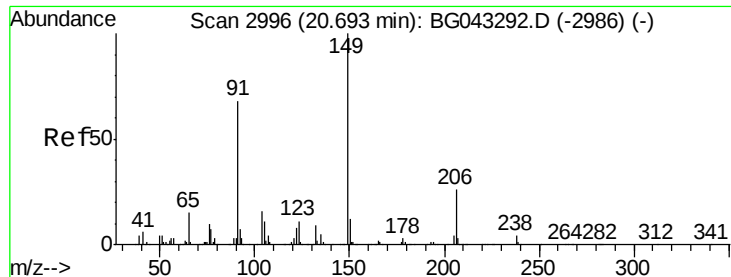
#79
Terphenyl-d14
Concen: 90.953 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:244 Resp: 1019609
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.0 5.2 7.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

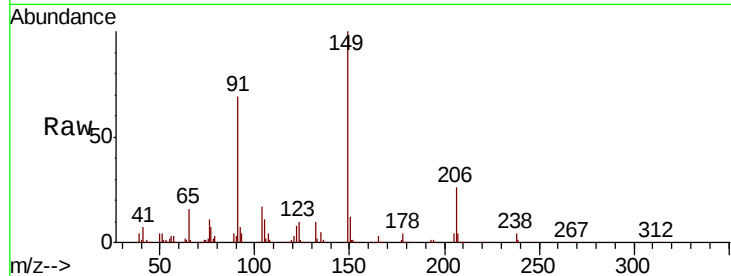




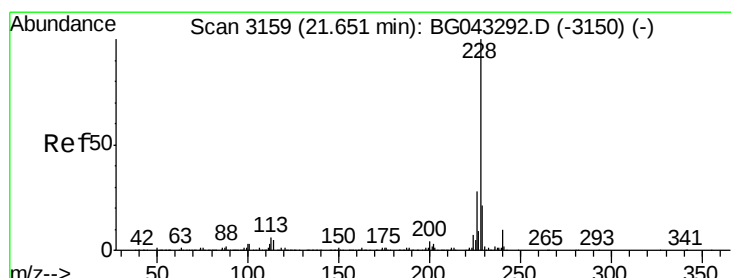
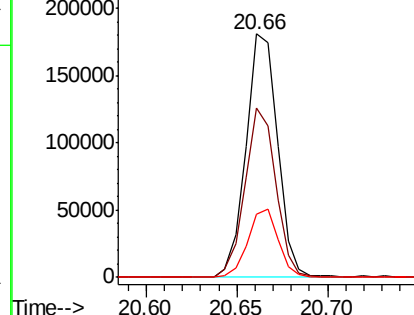
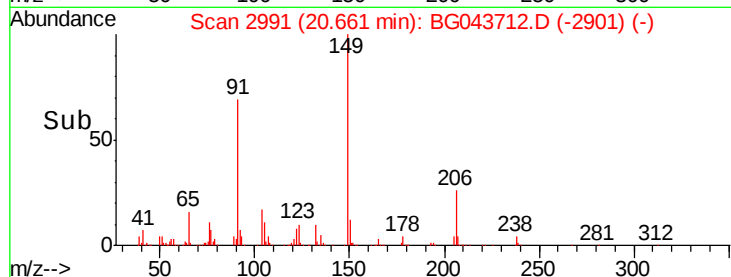
#80
Butylbenzylphthalate
Concen: 44.721 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :
PB124943BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	26.1	20.2	30.4

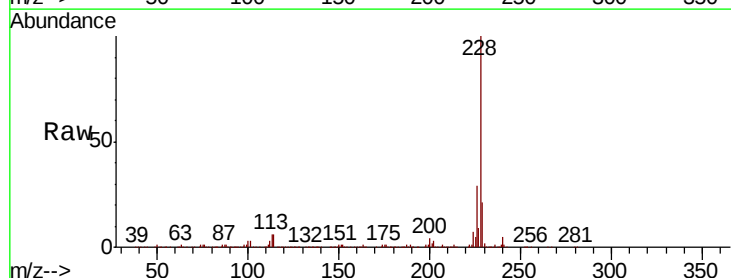


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

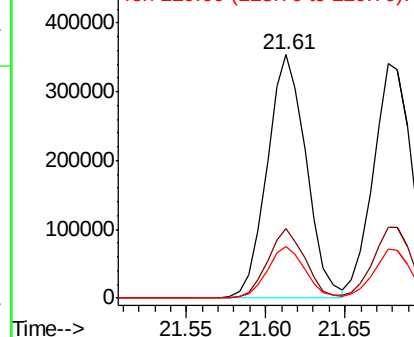
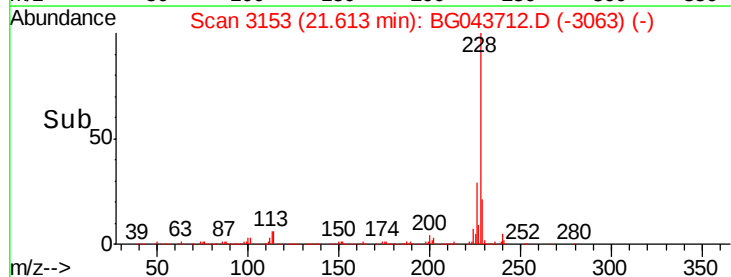


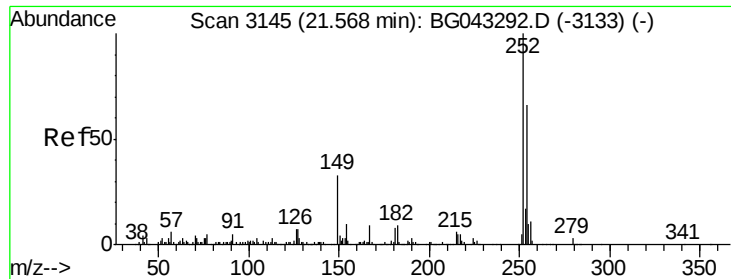
#81
Benzo(a)anthracene
Concen: 45.856 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	21.0	15.9	23.9



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

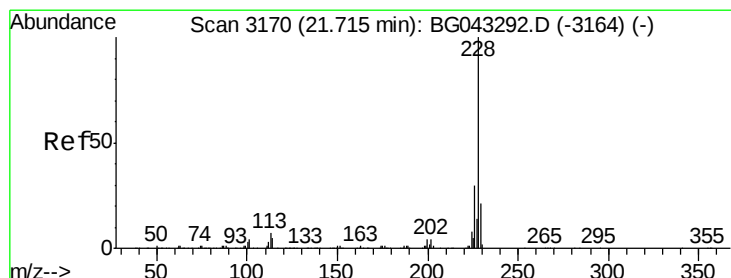
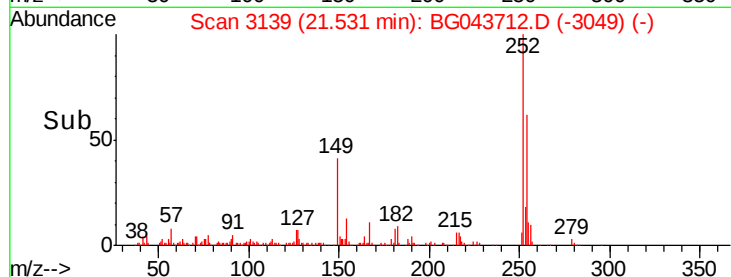
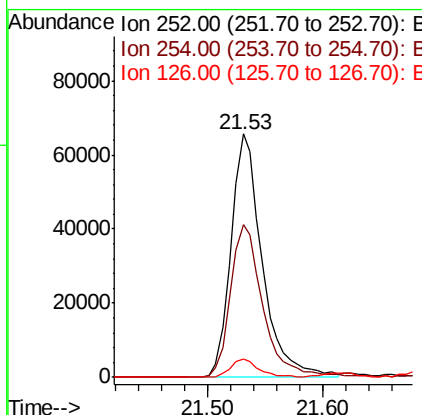
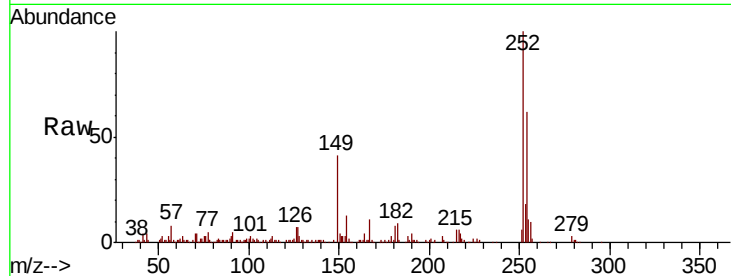




#82
 3,3'-Dichlorobenzidine
 Concen: 24.101 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

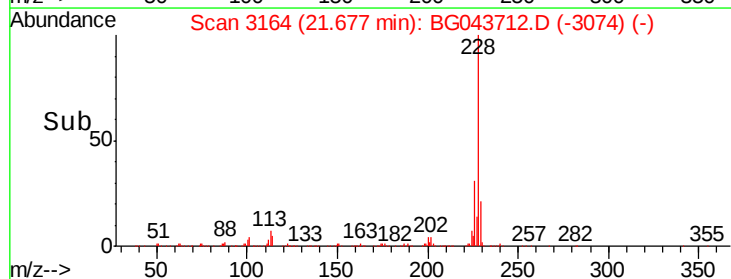
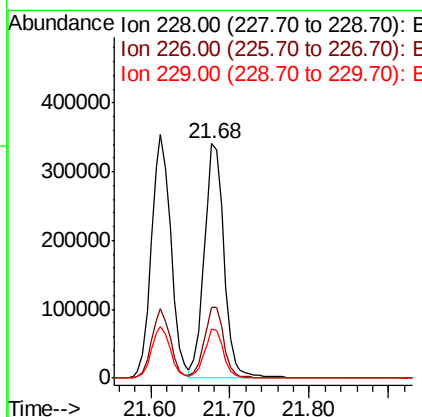
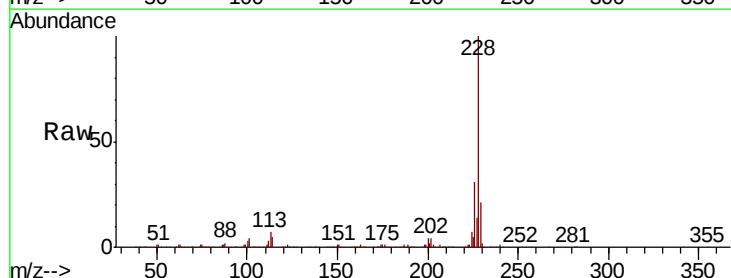
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

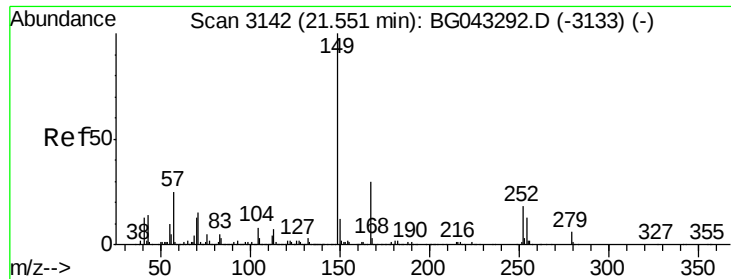
Tot Ion:252 Resp: 122802
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.2 75.4
 126 7.4 5.4 8.0



#83
 Chrysene
 Concen: 45.049 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:228 Resp: 589656
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.3 34.9
 229 21.1 16.5 24.7

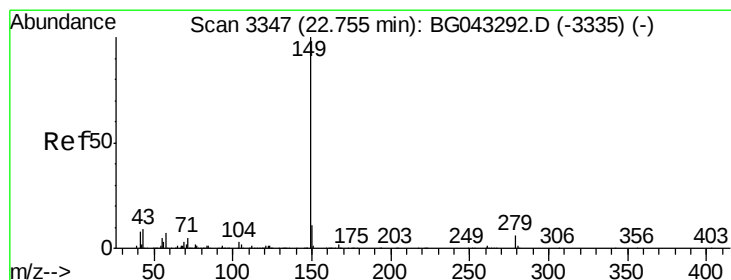
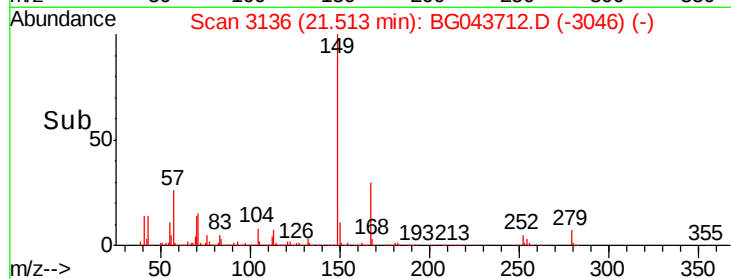
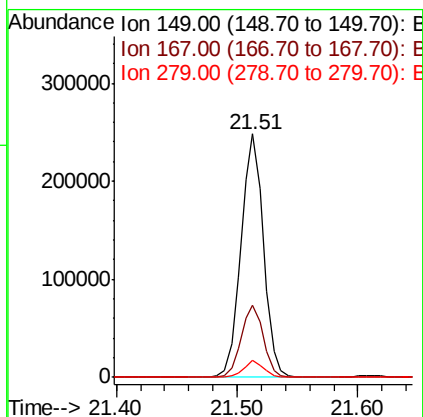
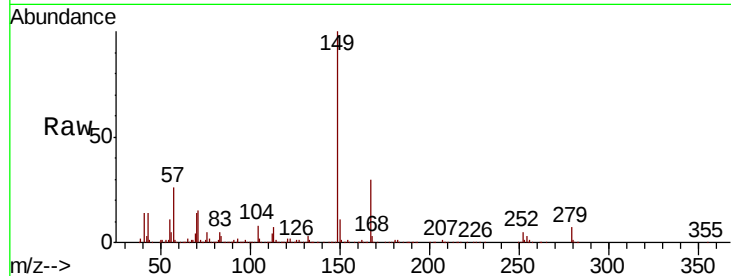




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.035 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

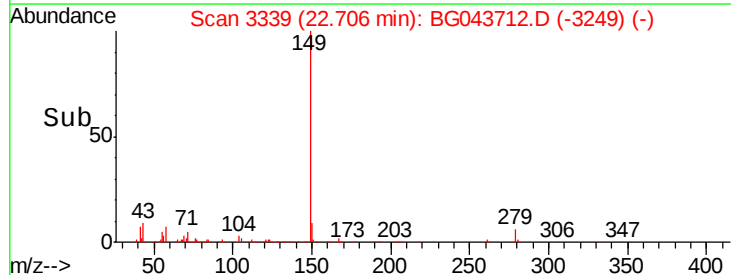
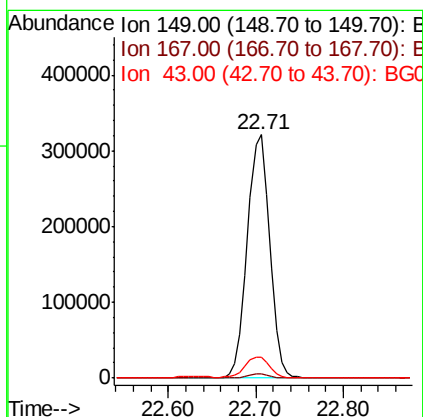
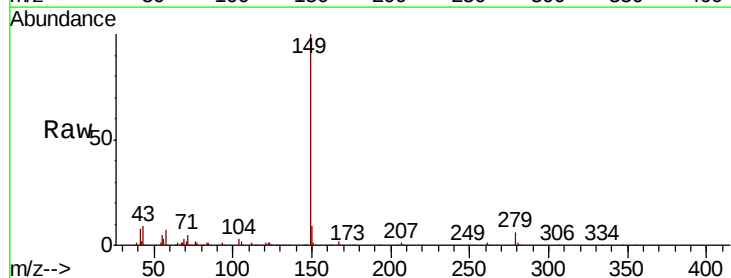
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

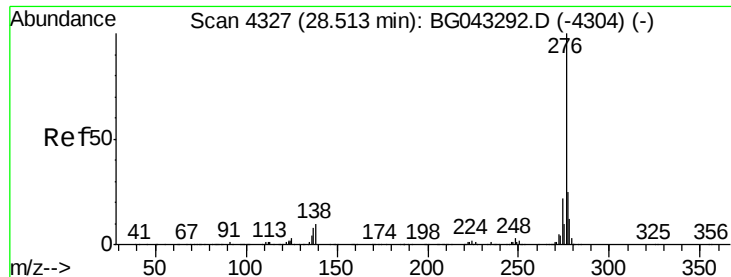
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.8	37.2
279	7.0	5.4	8.0



#85
 Di-n-octyl phthalate
 Concen: 46.718 ng
 RT: 22.71 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	9.1	7.8	11.8

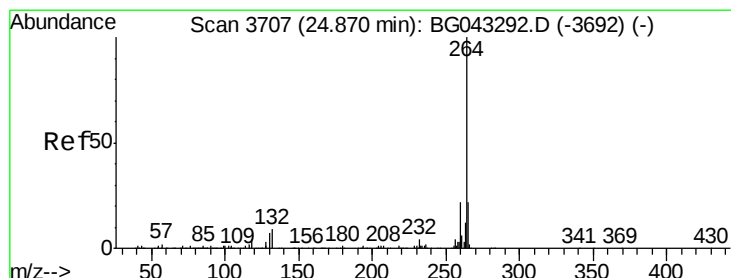
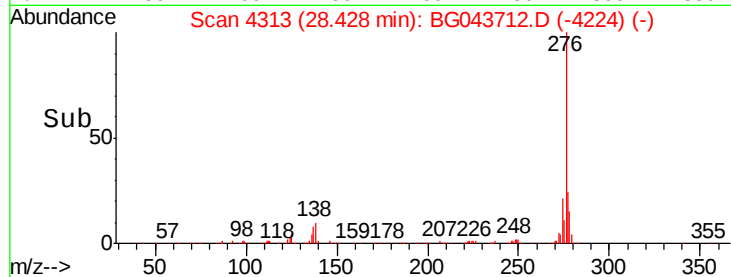
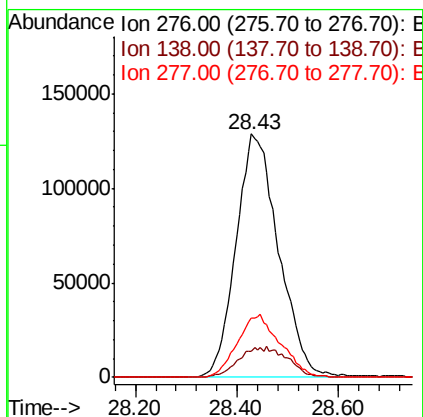
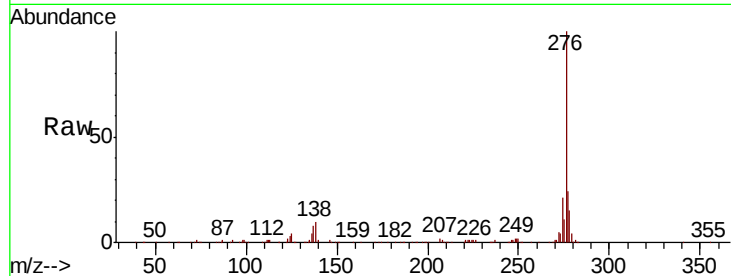




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.520 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.01 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

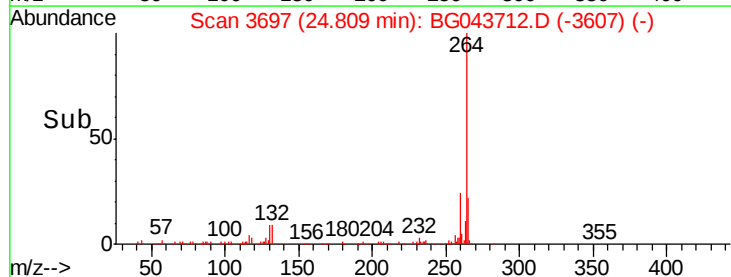
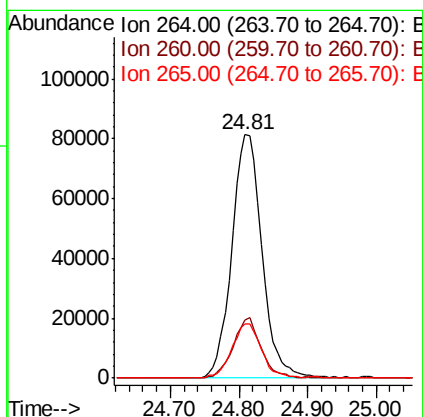
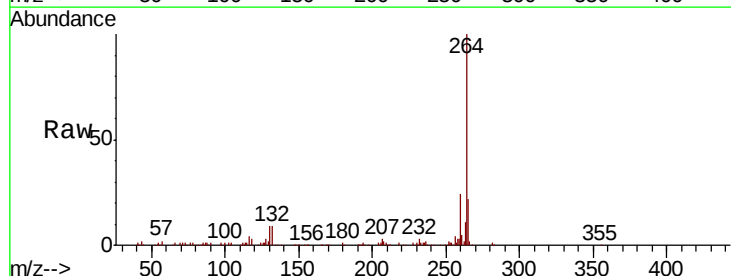
Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

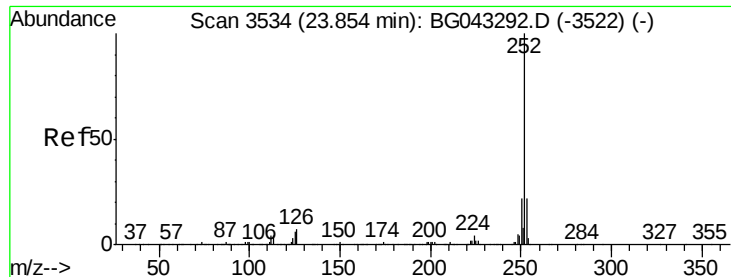
Tot Ion:276 Resp: 747911
 Ion Ratio Lower Upper
 276 100
 138 7.4 11.3 16.9#
 277 26.1 20.6 31.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Tgt Ion:264 Resp: 249029
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.4 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 44.019 ng

RT: 23.80 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

Instrument :

BNA_G

ClientSampleId :

PB124943BS

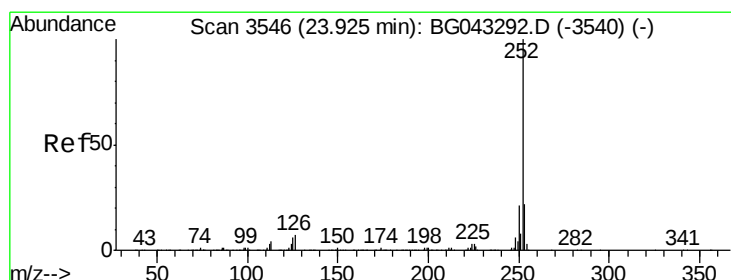
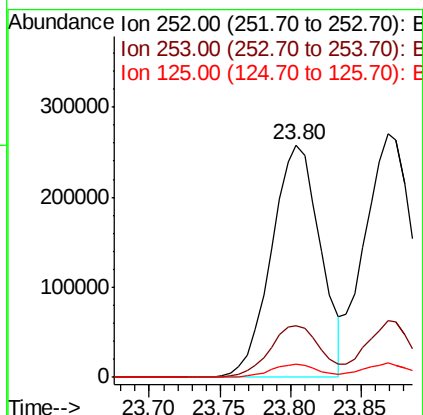
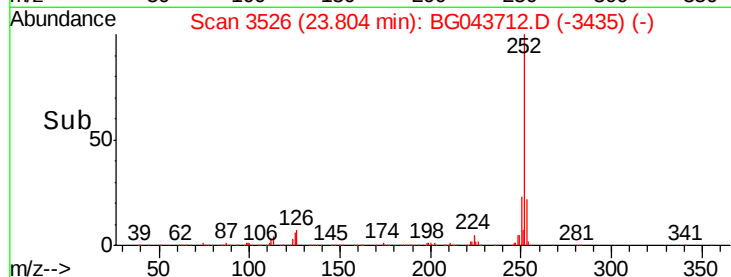
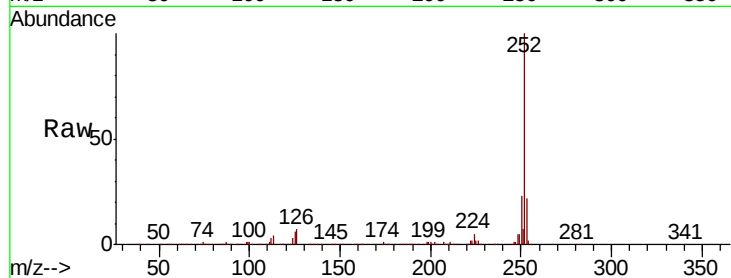
Tot Ion:252 Resp: 620851

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 5.6 4.5 6.7



#89

Benzo(k)fluoranthene

Concen: 46.052 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG043712.D

Acq: 20 Nov 2019 1:25

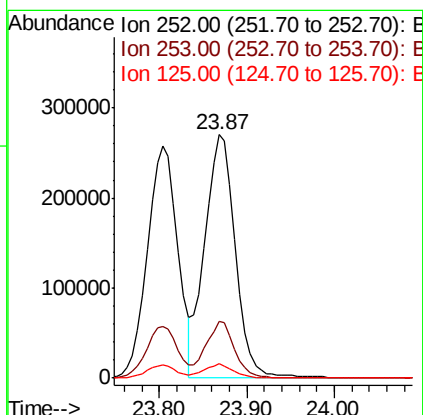
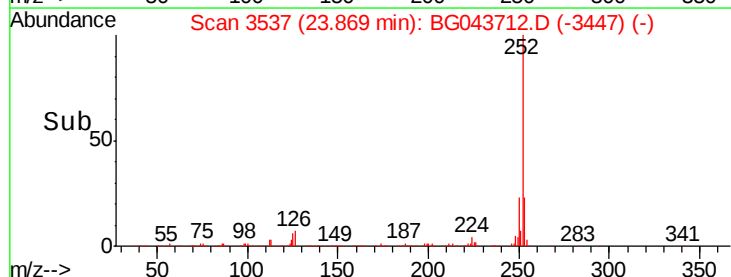
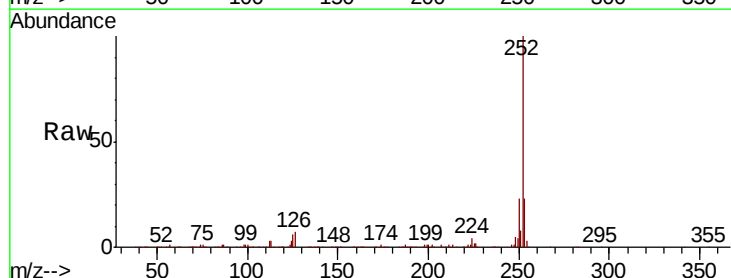
Tgt Ion:252 Resp: 653887

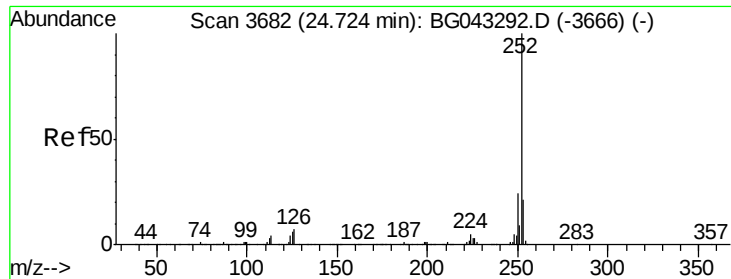
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 6.1 4.7 7.1

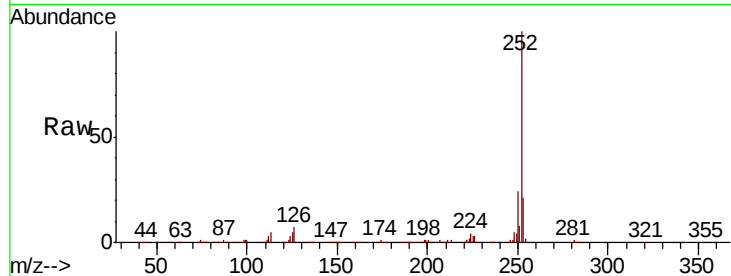




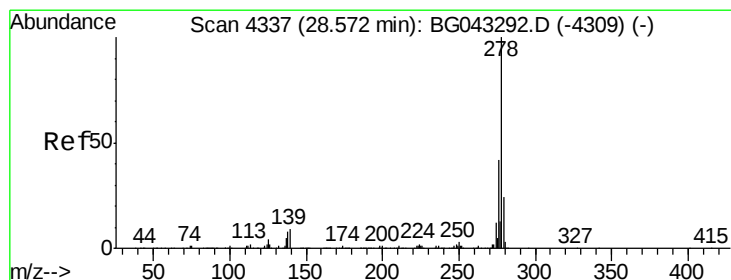
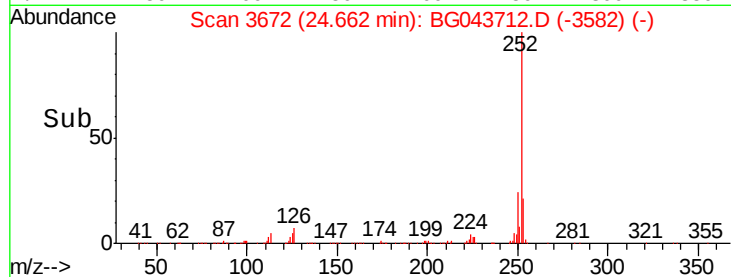
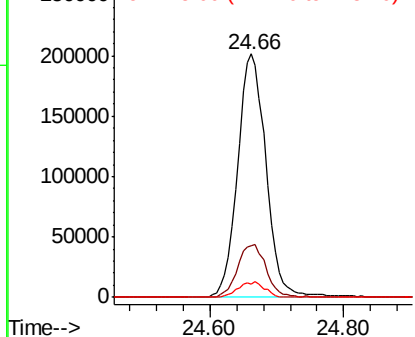
#90
Benzo(a)pyrene
Concen: 43.685 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Instrument :
BNA_G
ClientSampleId :
PB124943BS

Tot Ion:252 Resp: 588369
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 5.5 5.0 7.6

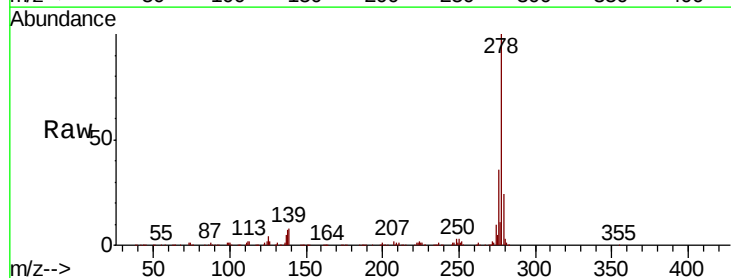


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

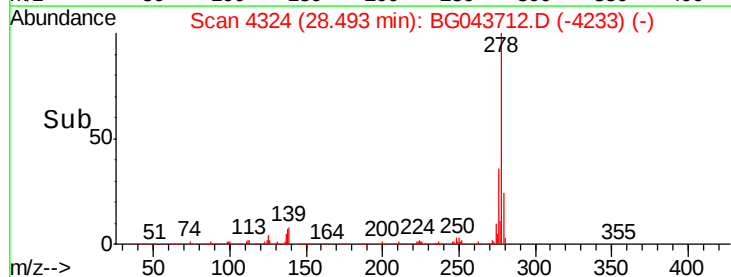
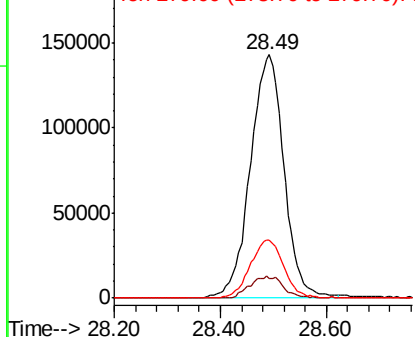


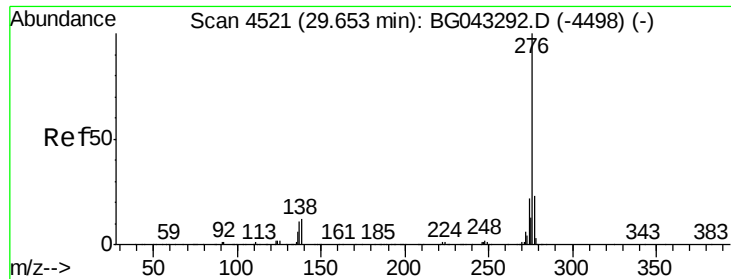
#91
Dibenzo(a,h)anthracene
Concen: 45.873 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG043712.D
Acq: 20 Nov 2019 1:25

Tgt Ion:278 Resp: 631955
Ion Ratio Lower Upper
278 100
139 8.2 7.2 10.8
279 23.9 19.0 28.4



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

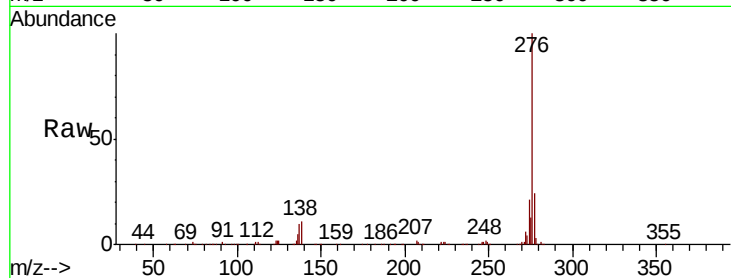




#92
 Benzo(a,h,i)perylene
 Concen: 46.525 ng
 RT: 29.56 min Scan# 4506
 Delta R.T. -0.01 min
 Lab File: BG043712.D
 Acq: 20 Nov 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124943BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	11.2	9.7	14.5



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

