

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043482.D
 Acq On : 4 Nov 2019 15:55
 Operator : JU
 Sample : PB124488BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 16:56:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34078	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142873	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	121125	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	294991	20.00	ng	0.00
76) Chrysene-d12	21.66	240	338214	20.00	ng	0.00
87) Perylene-d12	24.85	264	365501	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	244831	131.65	ng	0.00
7) Phenol-d6	7.20	99	336580	125.79	ng	0.00
23) Nitrobenzene-d5	9.17	82	159284	57.48	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	230250	99.89	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	461169	52.61	ng	0.00
79) Terphenyl-d14	19.99	244	979039	54.31	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	27866	38.451 ng	94
3) Pyridine	3.87	79	65568	35.867 ng	97
4) n-Nitrosodimethylamine	3.78	42	39669	43.003 ng	96
6) Aniline	7.34	93	109777	35.616 ng	100
8) 2-Chlorophenol	7.59	128	99857	48.642 ng	95
9) Benzaldehyde	7.15	77	49665	37.770 ng	87
10) Phenol	7.22	94	118944	48.648 ng	99
11) bis(2-Chloroethyl)ether	7.43	93	78150	41.342 ng	99
12) 1,3-Dichlorobenzene	7.90	146	104832	40.757 ng	99
13) 1,4-Dichlorobenzene	8.04	146	107545	41.326 ng	98
14) 1,2-Dichlorobenzene	8.37	146	101465	39.933 ng	98
15) Benzyl Alcohol	8.26	79	86930	46.261 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105092	38.233 ng	95
17) 2-Methylphenol	8.47	107	82024	46.019 ng	97
18) Hexachloroethane	9.10	117	38143	40.625 ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	69975	40.472 ng	97
20) 3+4-Methylphenols	8.80	107	115085	47.086 ng	98
22) Acetophenone	8.83	105	144516	39.498 ng	# 97
24) Nitrobenzene	9.21	77	107851	40.853 ng	97
25) Isophorone	9.74	82	206684	40.793 ng	99
26) 2-Nitrophenol	9.93	139	55714	43.713 ng	# 91
27) 2,4-Dimethylphenol	9.99	122	92323	50.539 ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	108806	38.909 ng	99
29) 2,4-Dichlorophenol	10.48	162	106744	45.606 ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	115966	39.311 ng	95
31) Naphthalene	10.86	128	298665	41.183 ng	98
32) Benzoic acid	10.16	122	48526	37.280 ng	98
33) 4-Chloroaniline	10.98	127	82907	27.889 ng	98
34) Hexachlorobutadiene	11.15	225	78547	36.019 ng	98
35) Caprolactam	11.75	113	18240	22.627 ng	95
36) 4-Chloro-3-methylphenol	12.11	107	118788	46.527 ng	96
37) 2-Methylnaphthalene	12.47	142	232433	41.771 ng	99
38) 1-Methylnaphthalene	12.69	142	224347	42.374 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	152020	33.913 ng	99

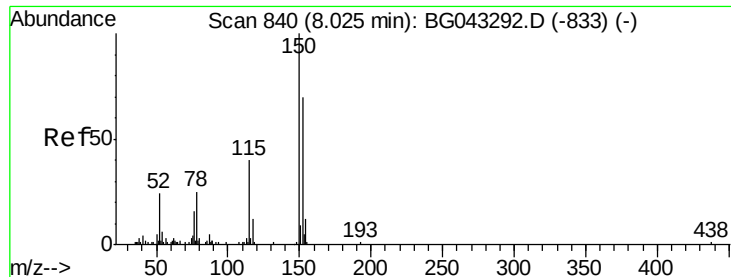
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043482.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	147933	62.823	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	99602	37.730	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	105641	39.583	ng	96
46) 1,1'-Biphenyl	13.47	154	313894	34.065	ng	96
47) 2-Chloronaphthalene	13.52	162	246849	35.209	ng	99
48) 2-Nitroaniline	13.73	65	73744	35.192	ng	85
49) Acenaphthylene	14.37	152	403645	36.992	ng	98
50) Dimethylphthalate	14.10	163	333424	35.539	ng	99
51) 2,6-Dinitrotoluene	14.21	165	75336	36.962	ng	97
52) Acenaphthene	14.71	154	238598	35.856	ng	96
53) 3-Nitroaniline	14.55	138	57430	29.184	ng	# 91
54) 2,4-Dinitrophenol	14.76	184	87349	69.664	ng	93
55) Dibenzofuran	15.04	168	394705	36.577	ng	99
56) 4-Nitrophenol	14.88	139	109616	83.123	ng	93
57) 2,4-Dinitrotoluene	15.01	165	111231	38.186	ng	# 97
58) Fluorene	15.69	166	335928	37.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	109122	38.484	ng	96
60) Diethylphthalate	15.45	149	336595	35.706	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	187583	35.528	ng	98
62) 4-Nitroaniline	15.72	138	75015	36.911	ng	98
63) Azobenzene	15.97	77	279467	36.631	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	70922	40.853	ng	95
66) n-Nitrosodiphenylamine	15.89	169	295920	35.532	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	136459	34.373	ng	99
68) Hexachlorobenzene	16.70	284	151245	33.190	ng	98
69) Atrazine	16.85	200	133361	46.083	ng	96
70) Pentachlorophenol	17.05	266	169959	81.851	ng	94
71) Phenanthrene	17.43	178	540566	35.785	ng	99
72) Anthracene	17.52	178	568064	37.586	ng	99
73) Carbazole	17.79	167	524188	38.300	ng	99
74) Di-n-butylphthalate	18.34	149	606398	36.516	ng	99
75) Fluoranthene	19.44	202	753275	38.250	ng	100
77) Benzidine	19.62	184	193611	28.444	ng	98
78) Pyrene	19.80	202	746568	35.661	ng	99
80) Butylbenzylphthalate	20.68	149	284049	35.813	ng	97
81) Benzo(a)anthracene	21.63	228	775152	36.589	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	270804	33.049	ng	100
83) Chrysene	21.70	228	757886	36.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	407102	36.133	ng	98
85) Di-n-octyl phthalate	22.74	149	717205	37.521	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	988833	37.424	ng	98
88) Benzo(b)fluoranthene	23.84	252	831730	40.179	ng	99
89) Benzo(k)fluoranthene	23.91	252	820049	39.350	ng	98
90) Benzo(a)pyrene	24.70	252	763136	38.605	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	850588	42.068	ng	100
92) Benzo(g,h,i)perylene	29.63	276	839029	42.068	ng	97

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

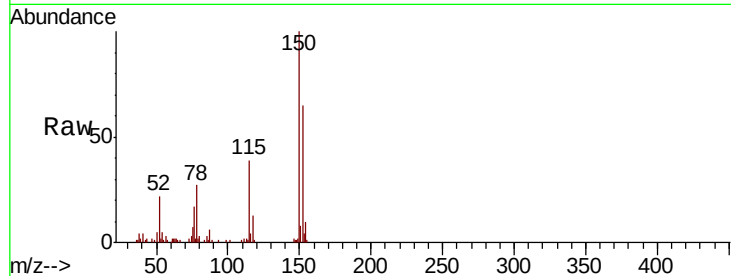


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	34078
Ion Ratio	Lower	Upper	
152	100		
150	152.9	129.4	194.0
115	58.9	48.8	73.2

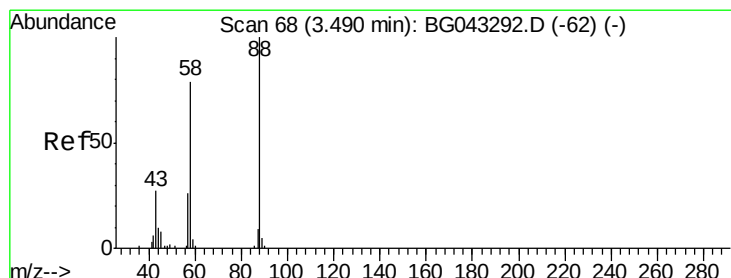
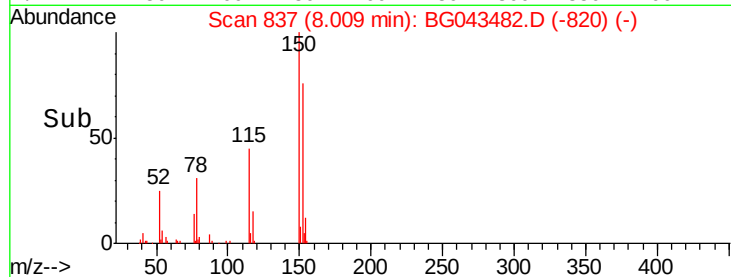
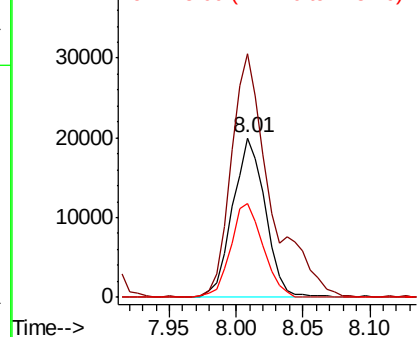


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

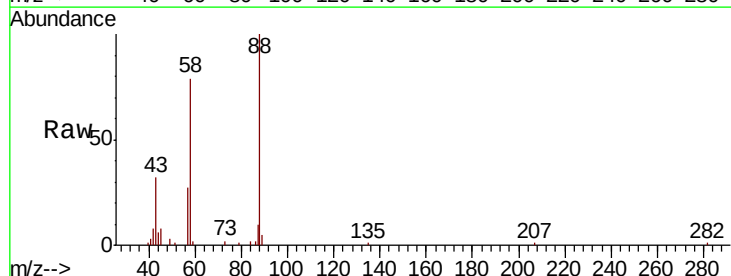
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.451 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	88	Resp	27866
Ion Ratio	Lower	Upper	
88	100		
58	74.0	62.7	94.1
43	33.8	23.7	35.5

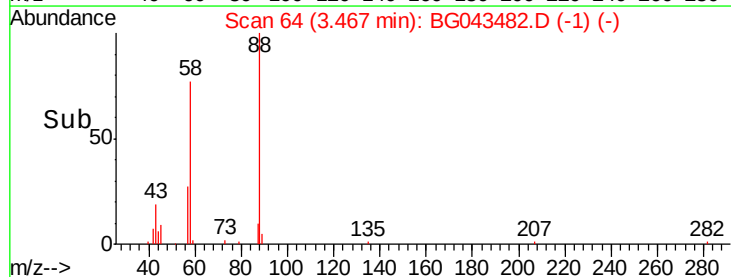
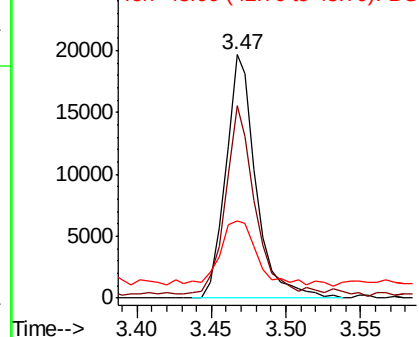


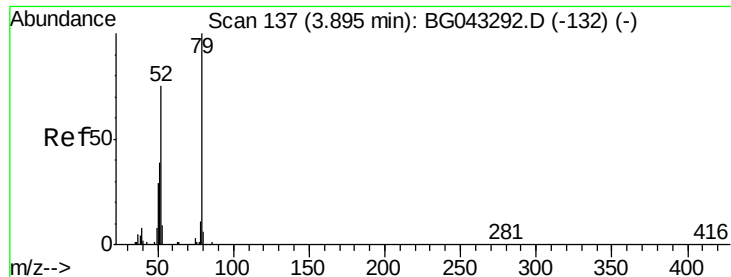
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.867 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

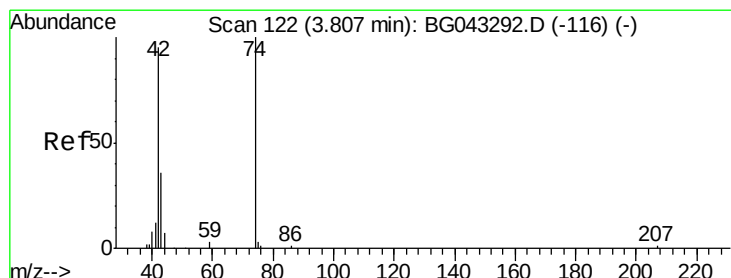
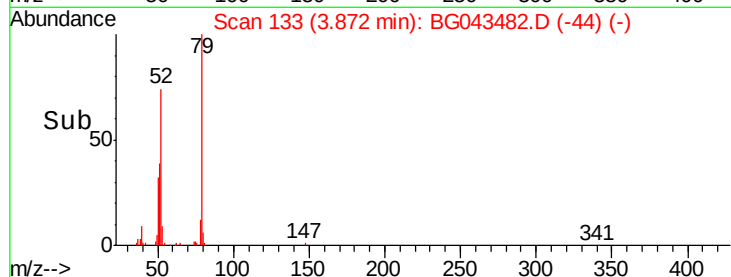
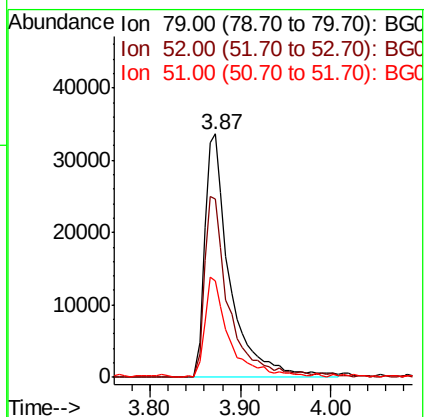
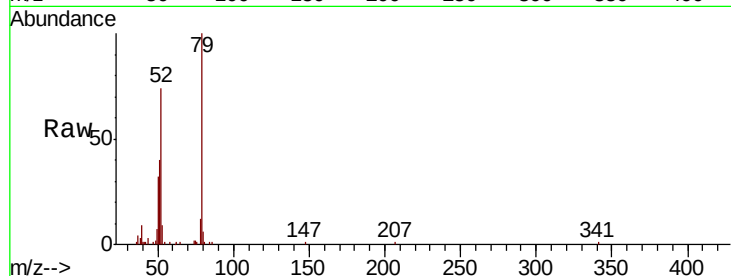
Tot Ion: 79 Resp: 65568

Ion Ratio Lower Upper

79 100

52 73.5 56.5 84.7

51 39.8 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 43.003 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

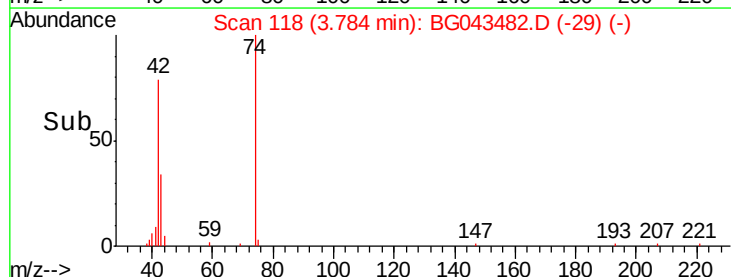
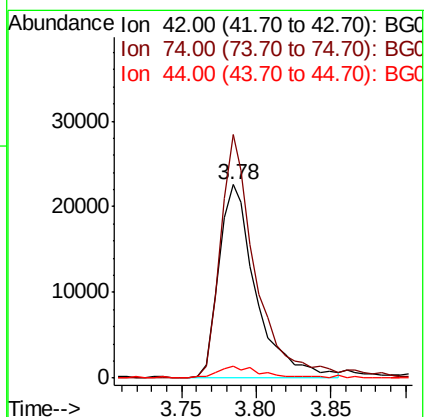
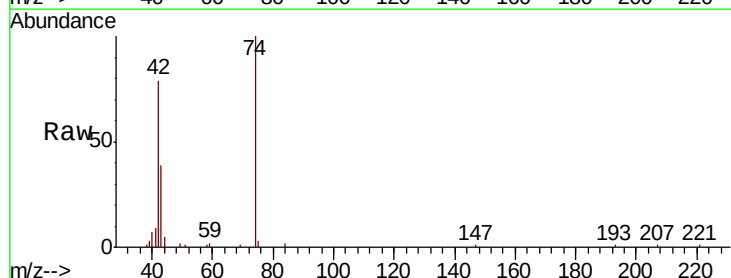
Tgt Ion: 42 Resp: 39669

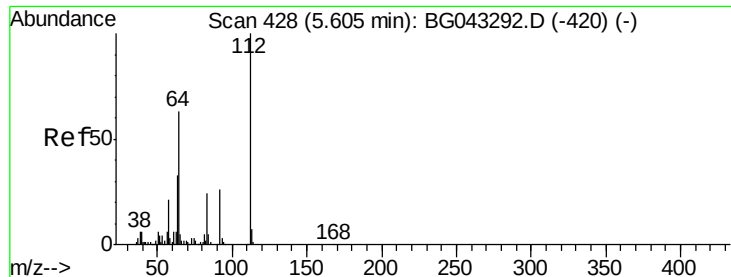
Ion Ratio Lower Upper

42 100

74 125.9 97.3 145.9

44 6.3 4.4 6.6





#5

2-Fluorophenol

Concen: 131.651 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

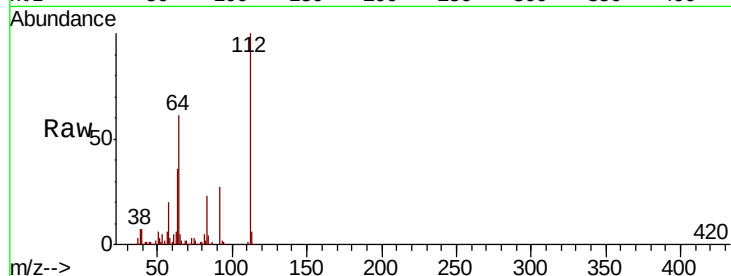
Tot Ion:112 Resp: 244831

Ion Ratio Lower Upper

112 100

64 61.3 50.0 75.0

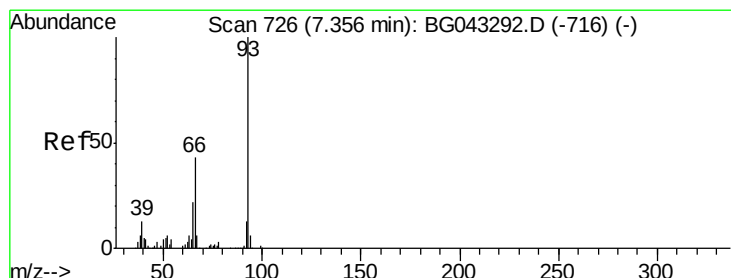
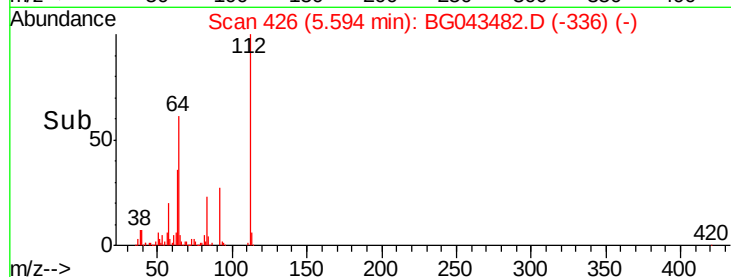
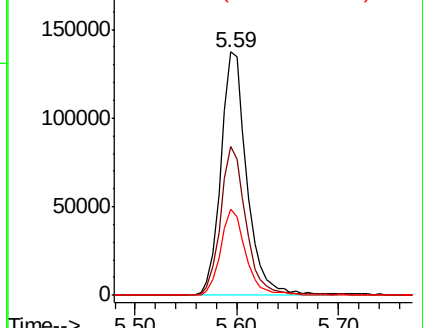
63 35.6 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.616 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

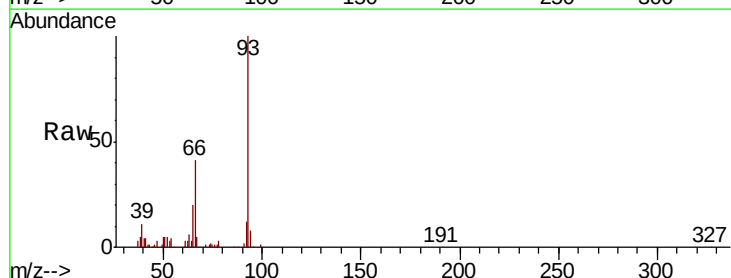
Tgt Ion: 93 Resp: 109777

Ion Ratio Lower Upper

93 100

66 40.6 32.3 48.5

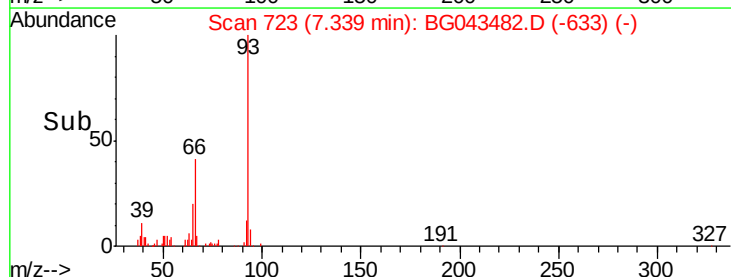
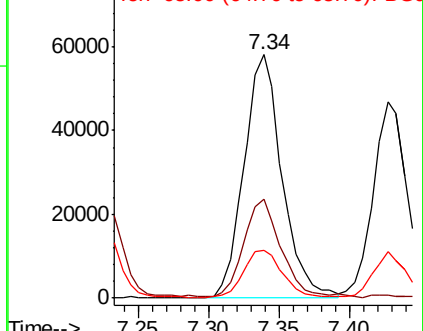
65 19.8 16.1 24.1

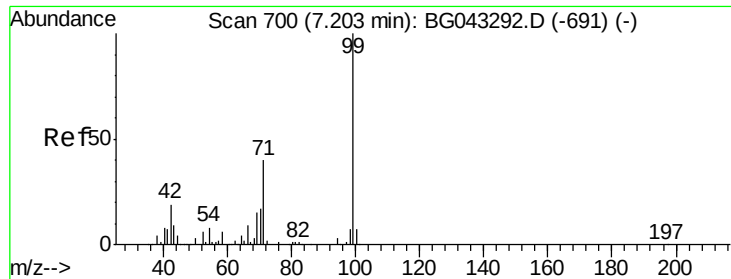


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.793 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

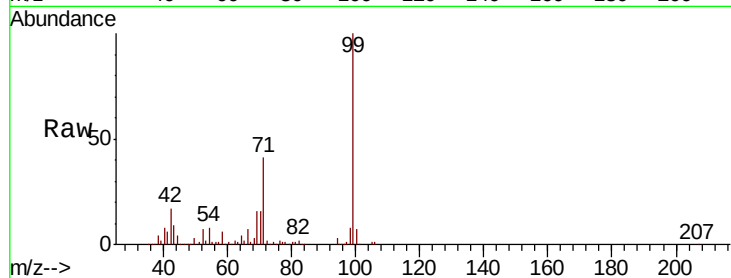
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 336580

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	41.3	32.5	48.7

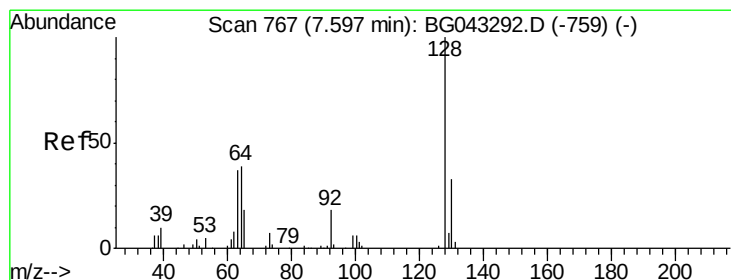
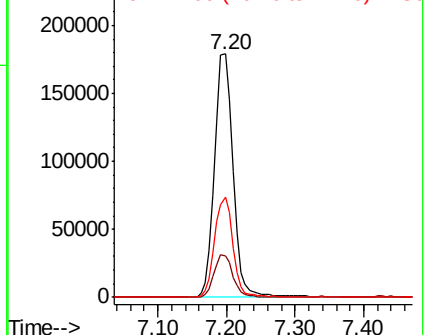
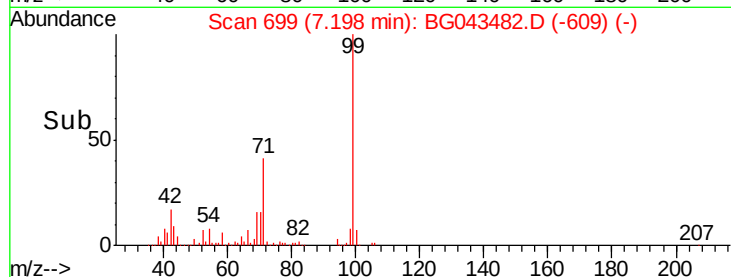


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.642 ng

RT: 7.59 min Scan# 765

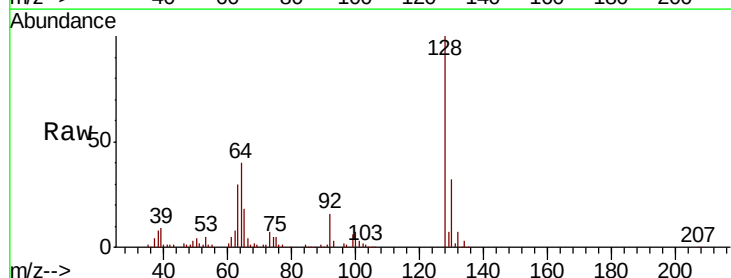
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion: 128 Resp: 99857

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.5	52.5
64	40.2	25.3	65.3

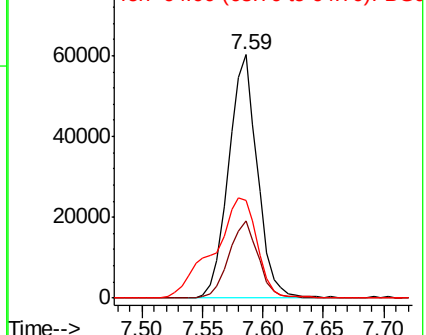
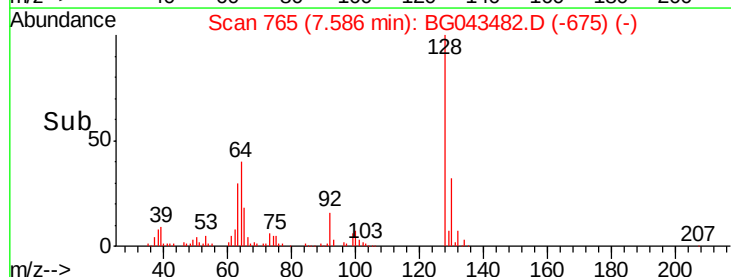


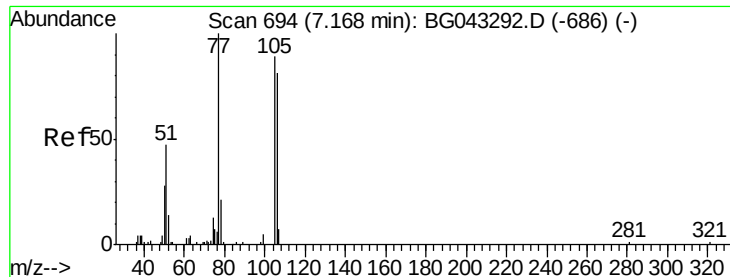
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.770 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

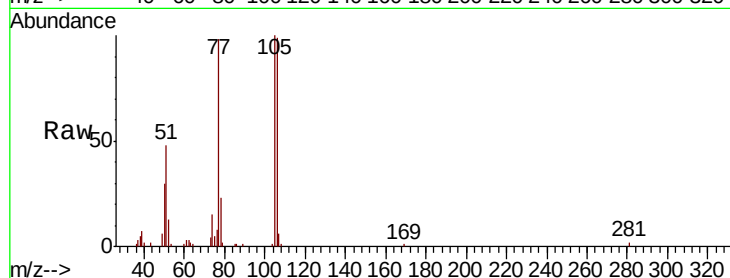
Tot Ion: 77 Resp: 49665

Ion Ratio Lower Upper

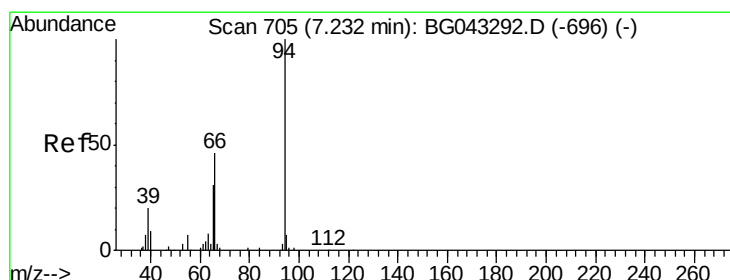
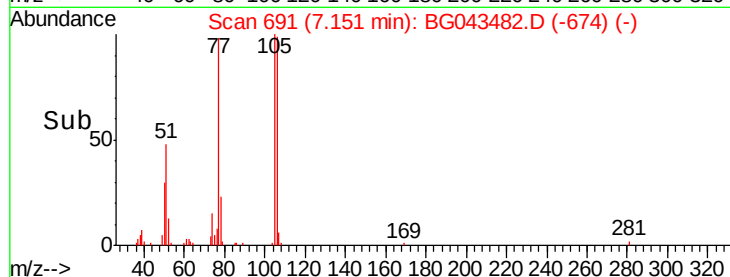
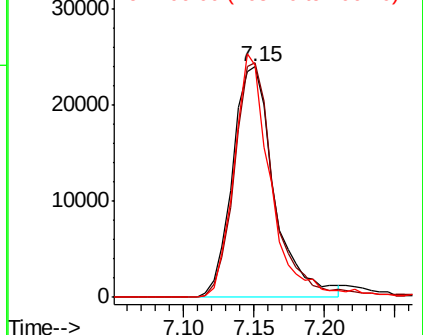
77 100

105 101.7 68.6 108.6

106 100.9 69.9 109.9



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



#10

Phenol

Concen: 48.648 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

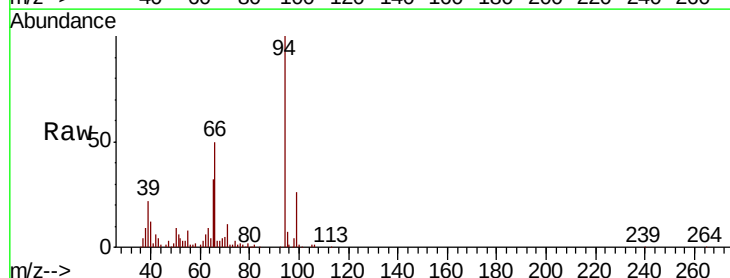
Tgt Ion: 94 Resp: 118944

Ion Ratio Lower Upper

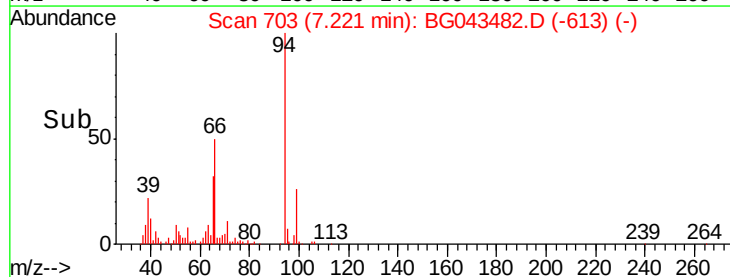
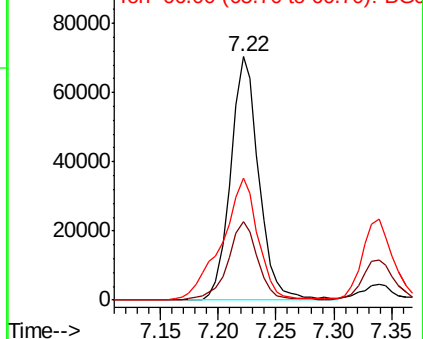
94 100

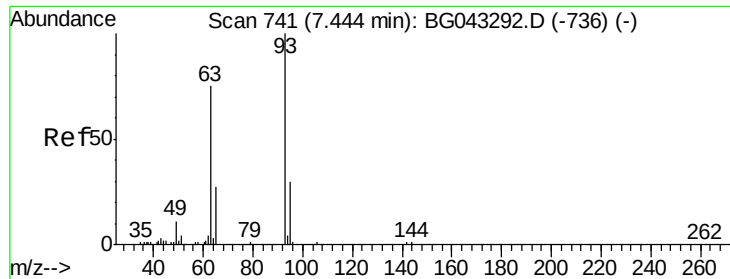
65 32.2 12.6 52.6

66 50.0 30.7 70.7



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

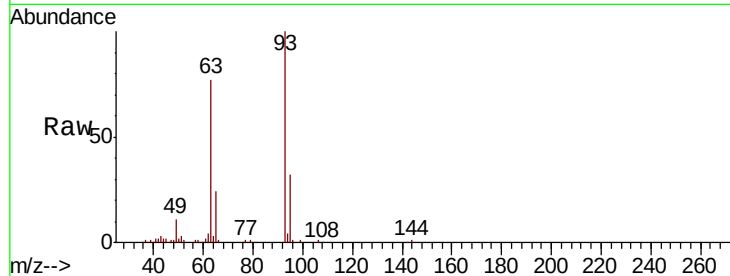




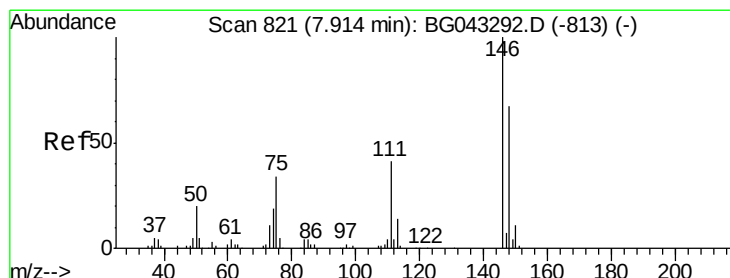
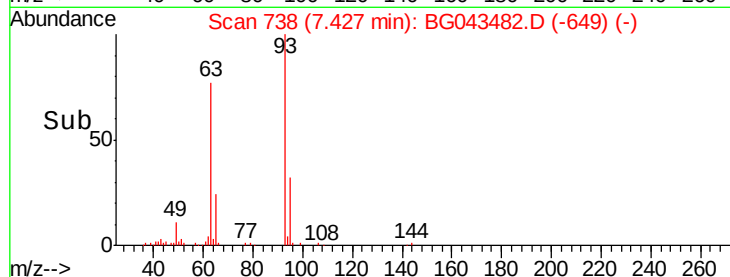
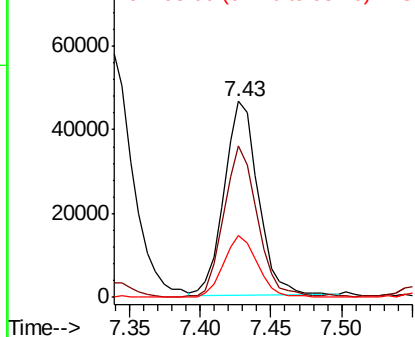
#11
bis(2-Chloroethyl)ether
Concen: 41.342 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	78150
Ion Ratio	100	Lower	Upper
63	77.4	56.3	96.3
95	31.8	12.2	52.2

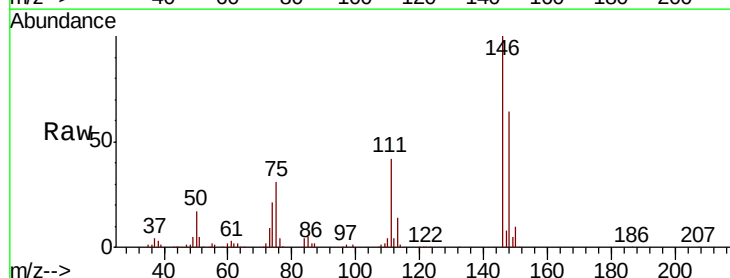


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

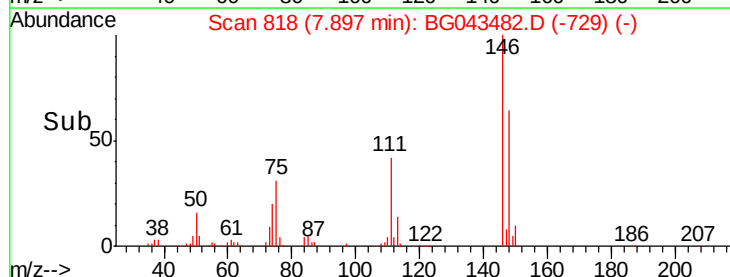
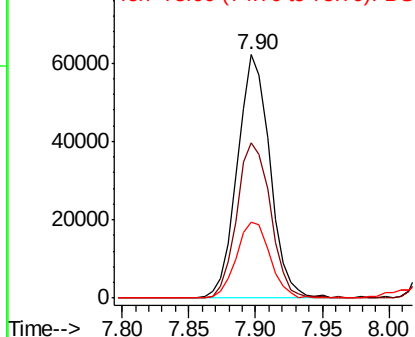


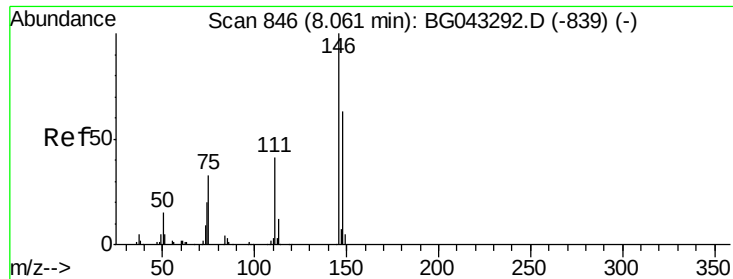
#12
1,3-Dichlorobenzene
Concen: 40.757 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	146	Resp	104832
Ion Ratio	100	Lower	Upper
148	63.6	50.3	75.5
75	31.4	24.6	37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

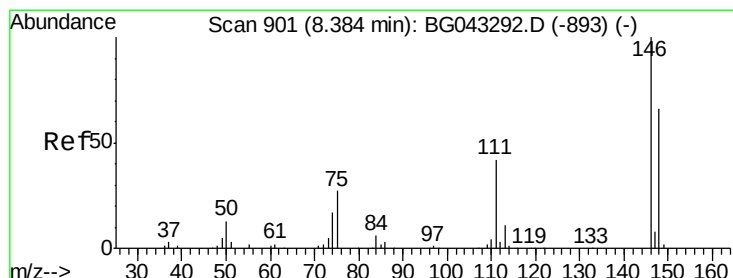
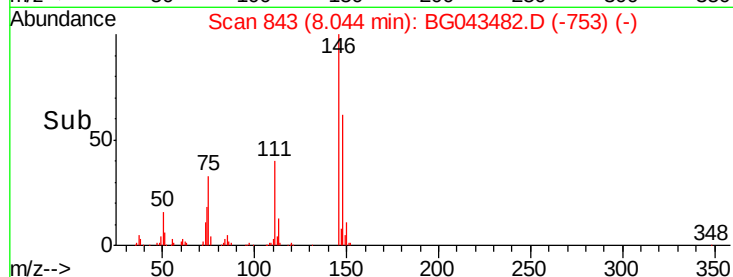
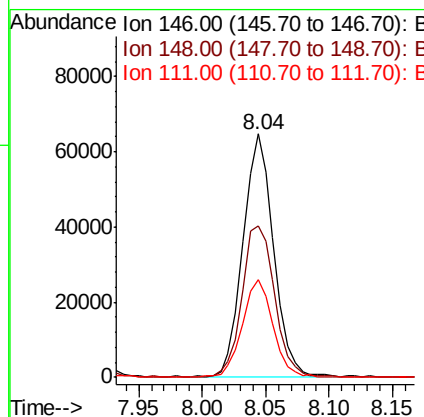
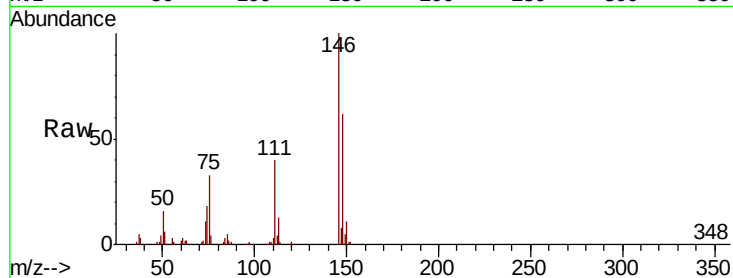




#13
 1,4-Dichlorobenzene
 Concen: 41.326 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

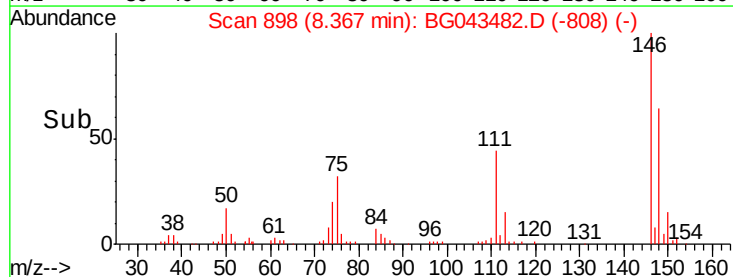
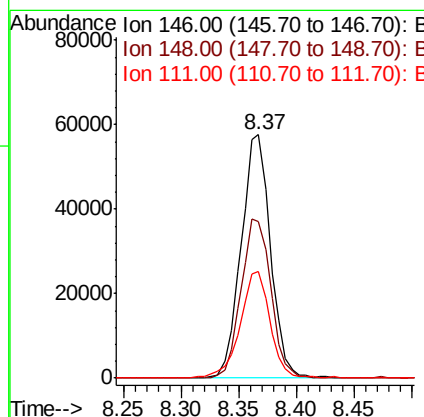
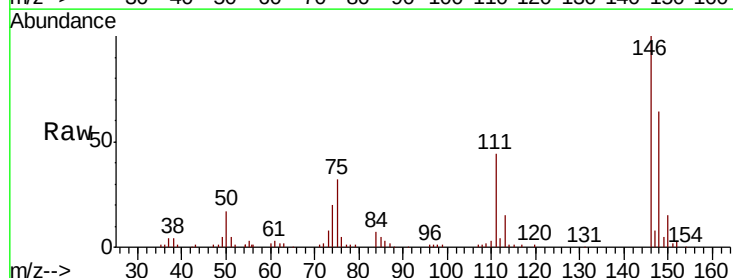
Instrument :
 BNA_G
 ClientSampleId :

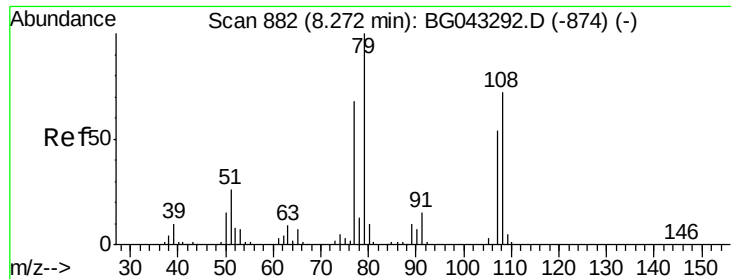
Tot Ion:146 Resp: 107545
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.7 76.1
 111 40.1 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 39.933 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion:146 Resp: 101465
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.2 79.8
 111 43.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 46.261 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampled :

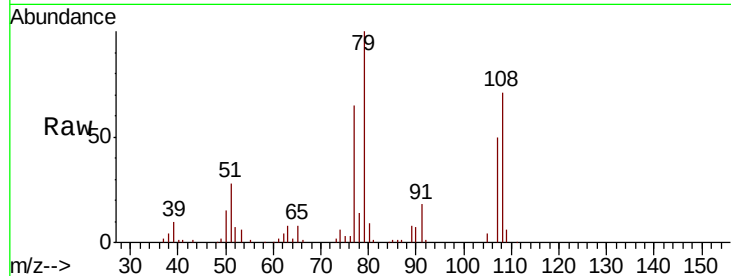
Tot Ion: 79 Resp: 86930

Ion Ratio Lower Upper

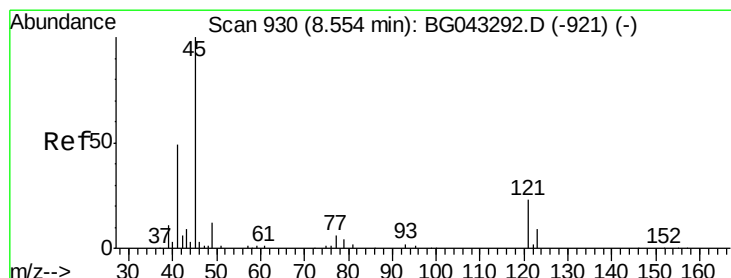
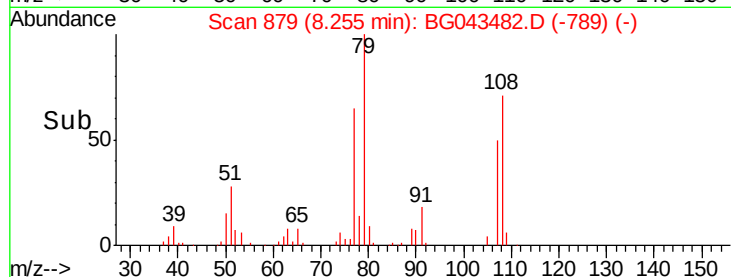
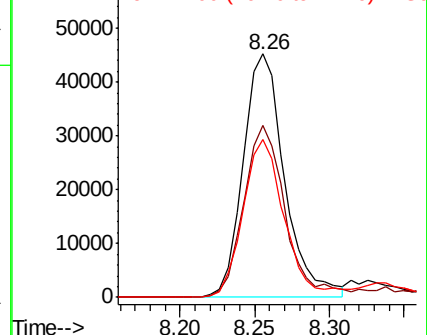
79 100

108 70.6 53.6 80.4

77 64.8 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.233 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

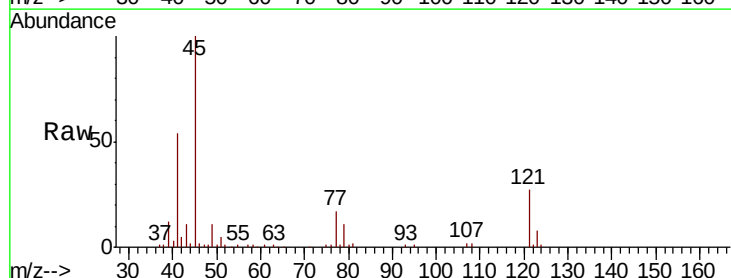
Tgt Ion: 45 Resp: 105092

Ion Ratio Lower Upper

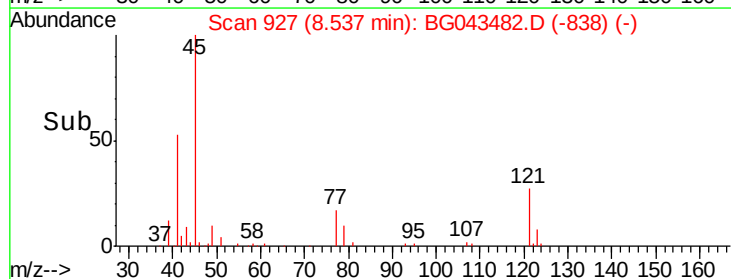
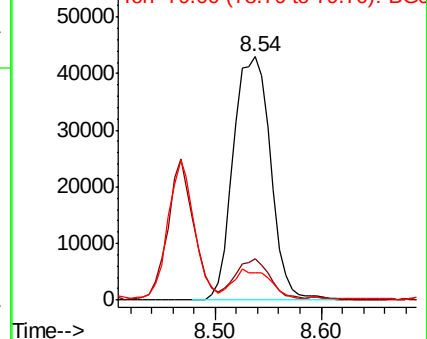
45 100

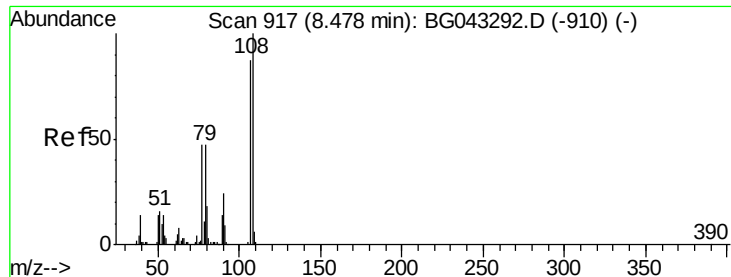
77 17.0 0.0 34.9

79 11.1 0.0 33.0



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





#17

2-Methylphenol

Concen: 46.019 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 82024

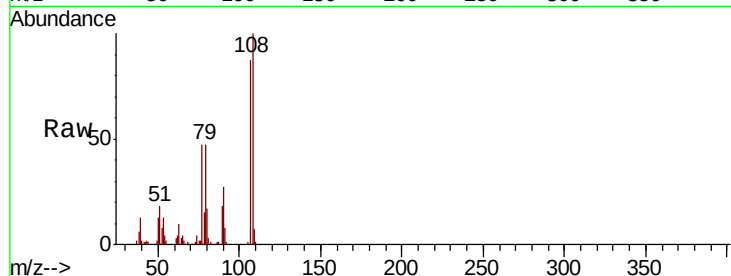
Ion Ratio Lower Upper

107 100

108 114.5 90.2 135.4

77 53.9 40.2 60.2

79 53.4 44.0 66.0

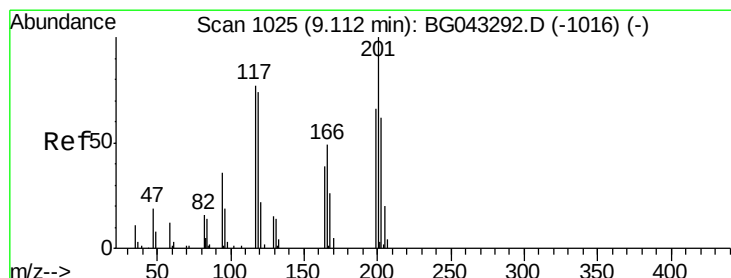
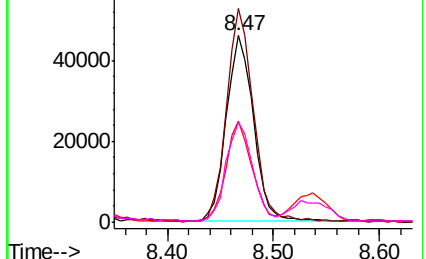
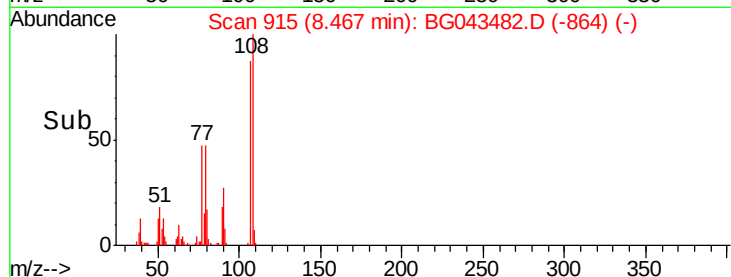


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.625 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

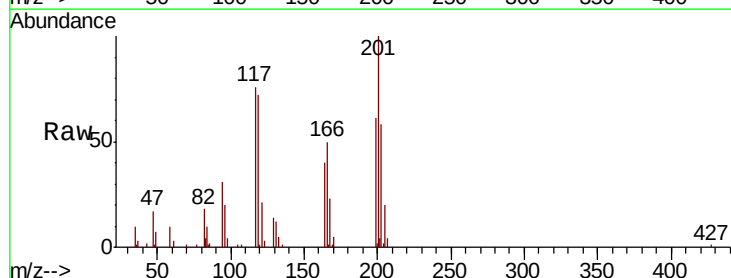
Tgt Ion:117 Resp: 38143

Ion Ratio Lower Upper

117 100

119 93.8 79.0 118.4

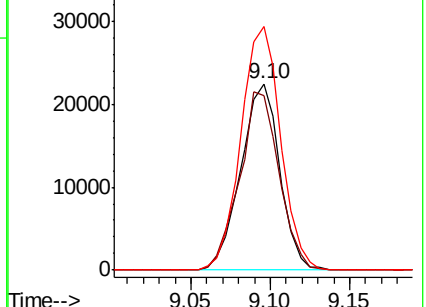
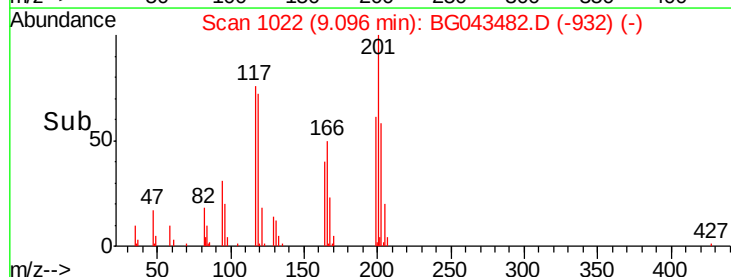
201 130.9 105.4 158.2

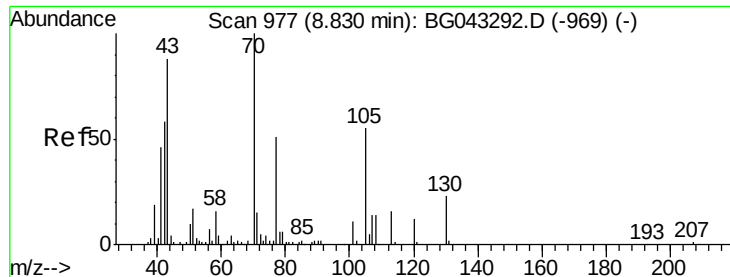


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

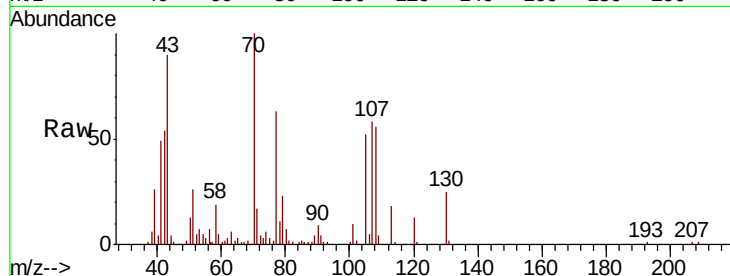




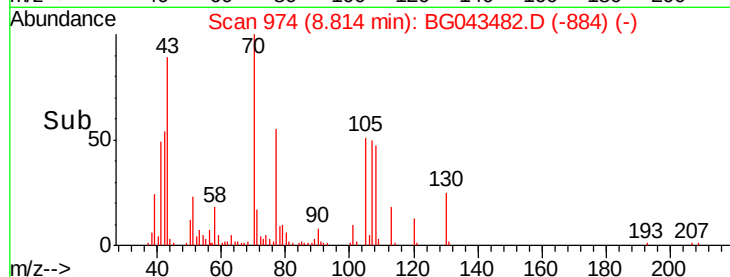
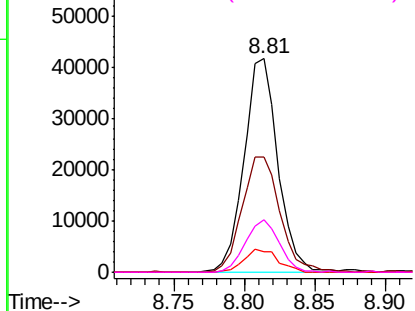
#19
n-Nitroso-di-n-propylamine
Concen: 40.472 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 69975
Ion Ratio Lower Upper
70 100
42 54.1 41.4 62.2
101 9.6 7.9 11.9
130 24.8 19.0 28.4



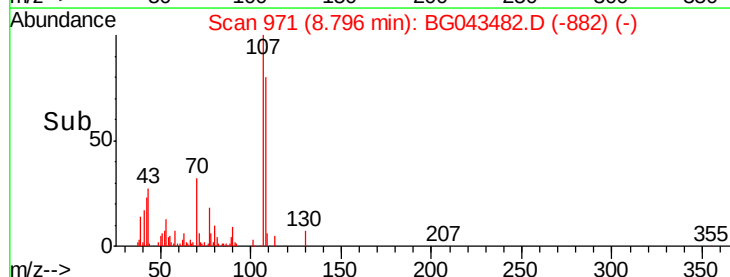
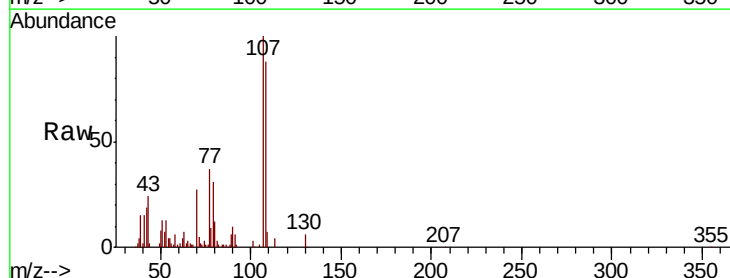
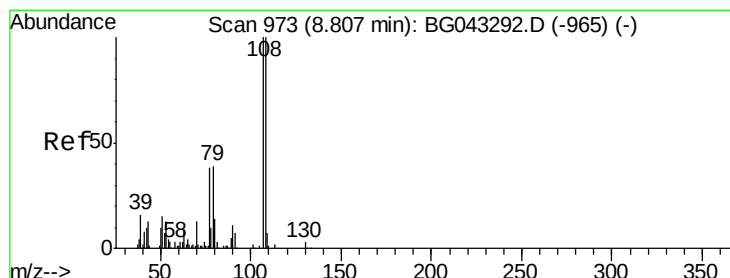
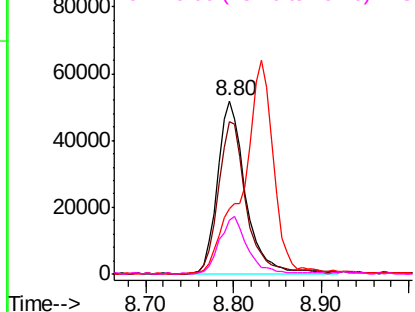
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

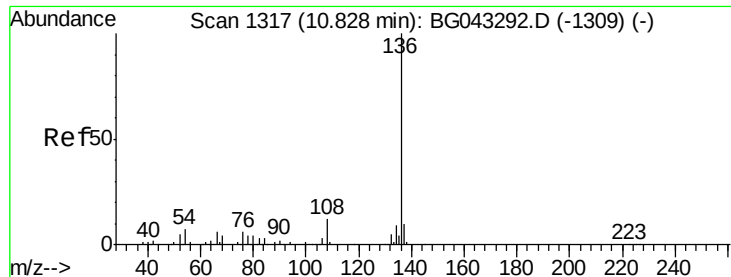


#20
3+4-Methylphenols
Concen: 47.086 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion: 107 Resp: 115085
Ion Ratio Lower Upper
107 100
108 87.9 66.6 106.6
77 37.4 20.9 60.9
79 31.0 11.3 51.3

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

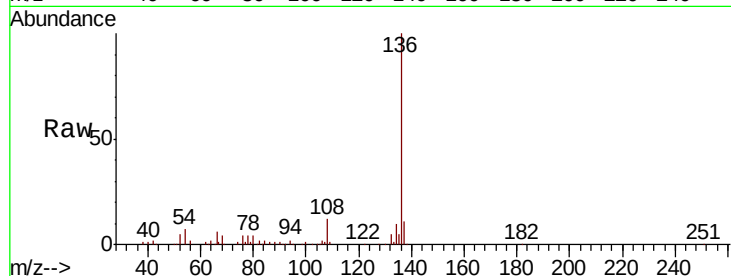




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	142873
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 7.2	5.4	8.2
68 3.6	3.0	4.4



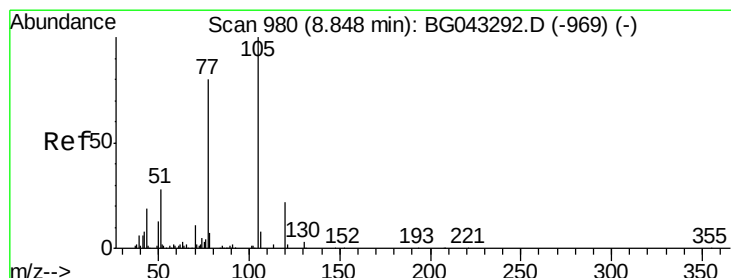
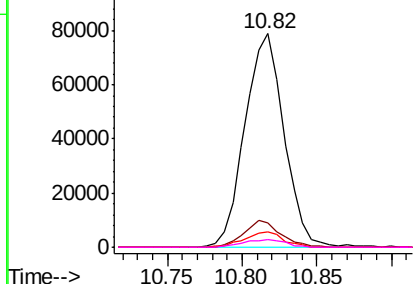
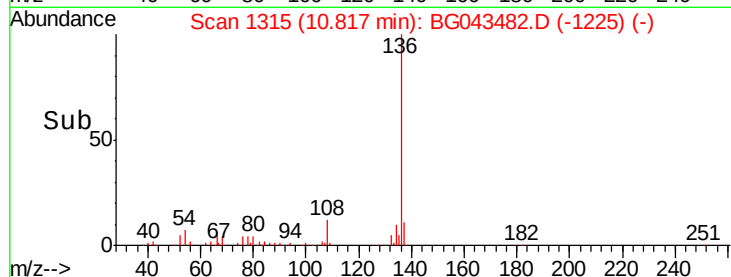
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

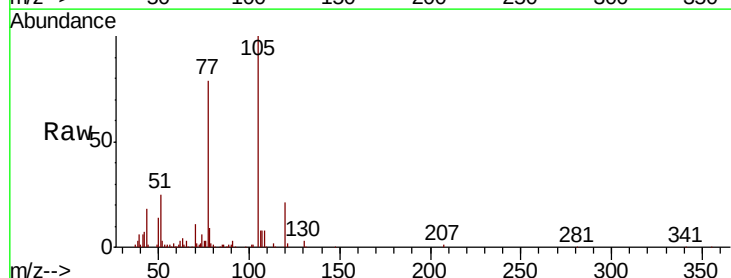
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.498 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt	Ion:105	Resp:	144516
Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.8	1.2#
51	25.0	21.0	31.4
120	20.9	18.0	27.0



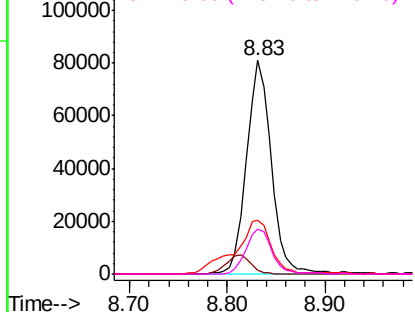
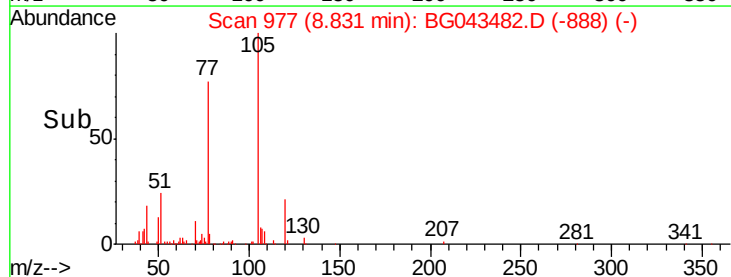
Abundance

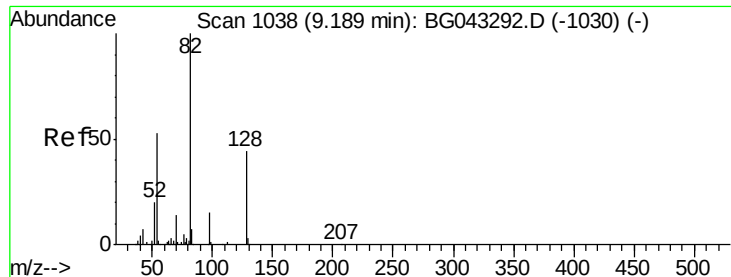
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

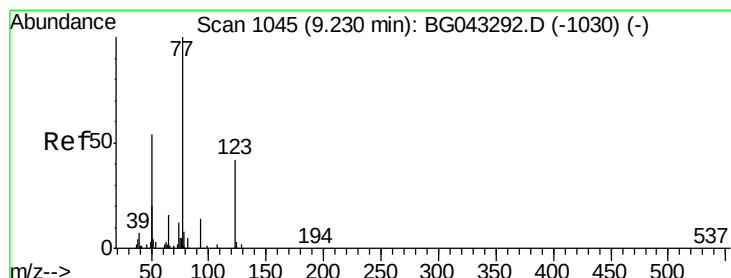
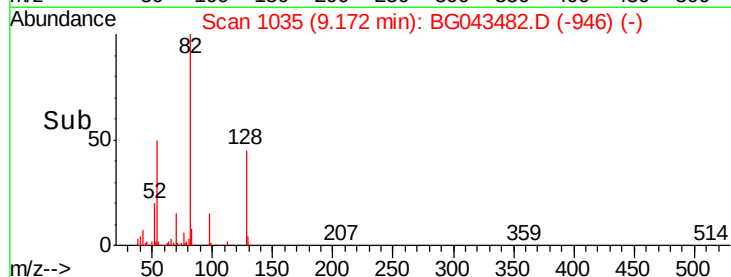
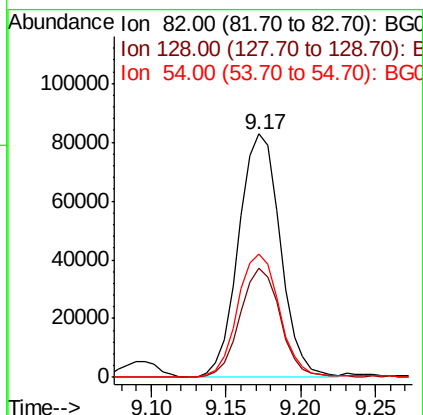
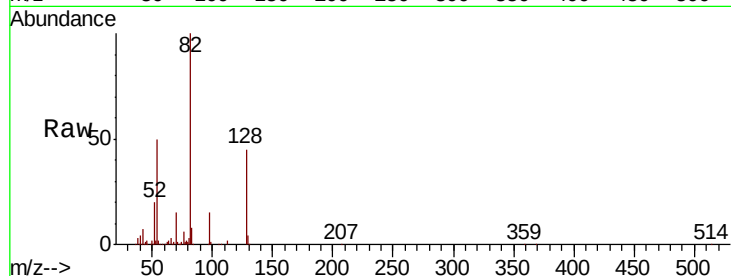




#23
 Nitrobenzene-d5
 Concen: 57.476 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

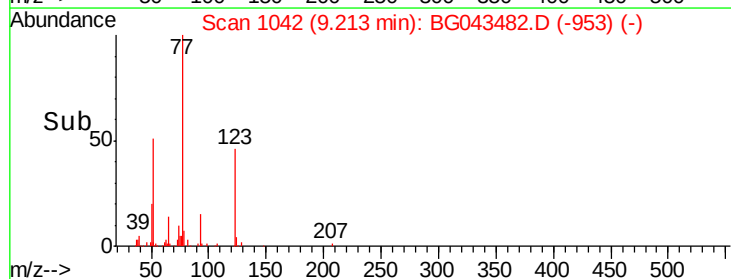
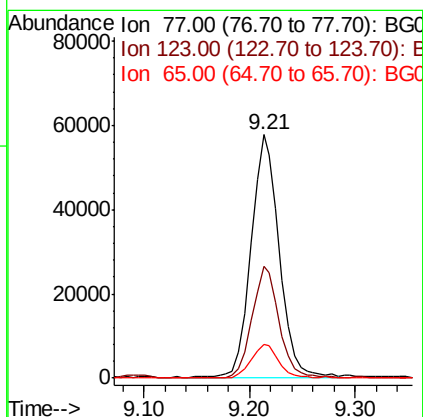
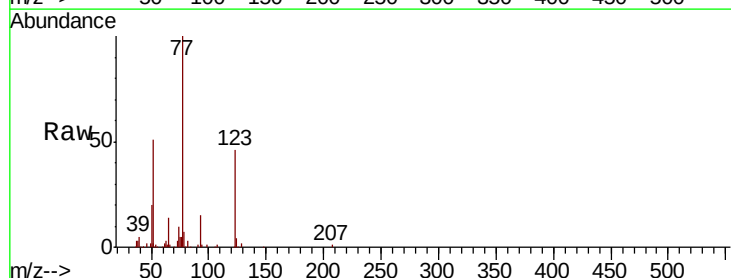
Instrument :
 BNA_G
 ClientSampled :

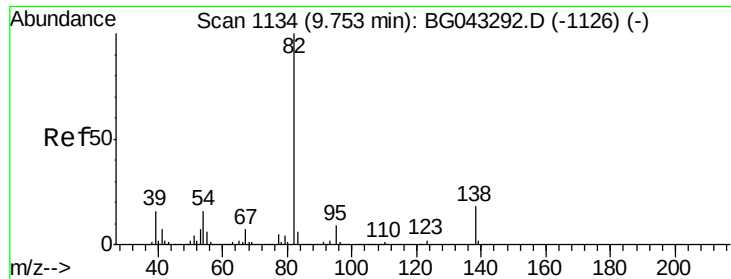
Tot Ion: 82 Resp: 159284
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.0 52.6
 54 50.5 40.2 60.2



#24
 Nitrobenzene
 Concen: 40.853 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion: 77 Resp: 107851
 Ion Ratio Lower Upper
 77 100
 123 45.7 35.0 52.6
 65 13.7 9.5 14.3





#25

Isophorone

Concen: 40.793 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampled :

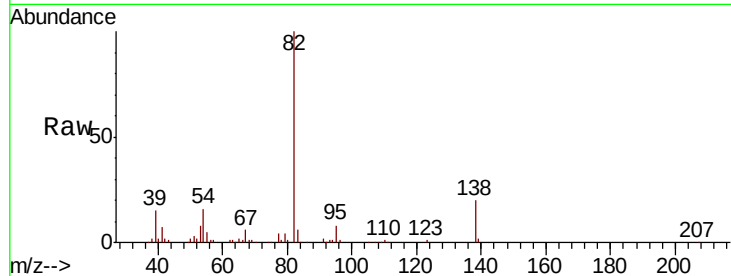
Tot Ion: 82 Resp: 206684

Ion Ratio Lower Upper

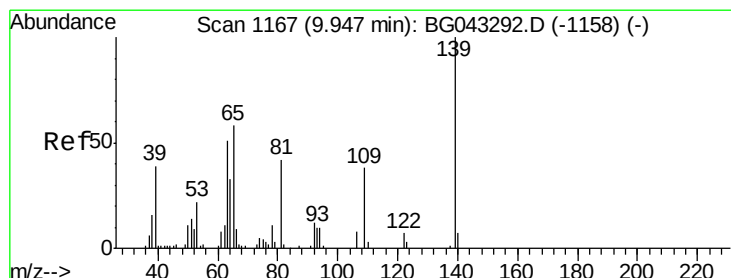
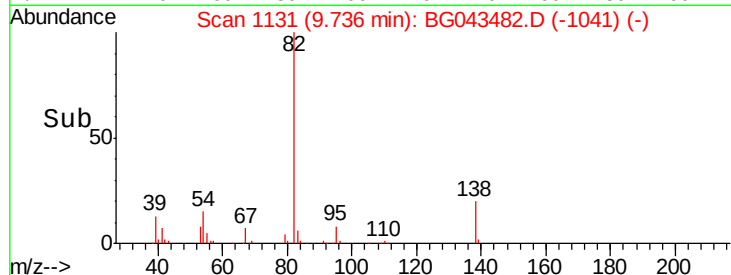
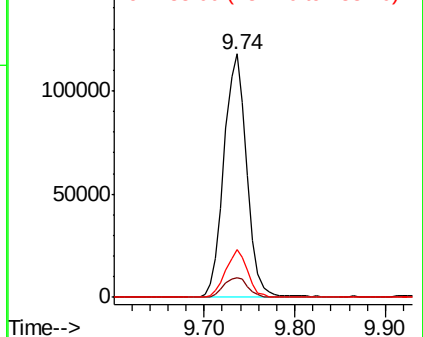
82 100

95 8.3 6.6 9.8

138 19.7 15.2 22.8



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



#26

2-Nitrophenol

Concen: 43.713 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

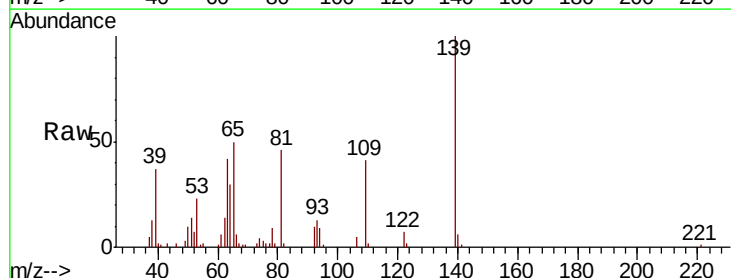
Tgt Ion: 139 Resp: 55714

Ion Ratio Lower Upper

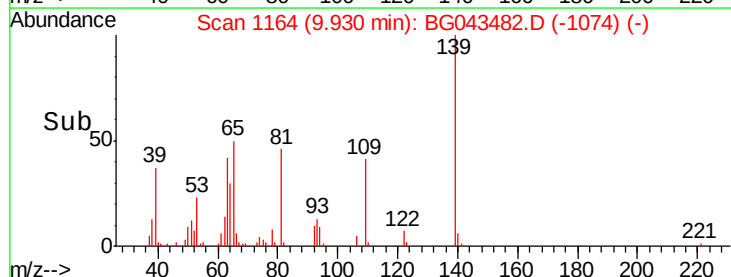
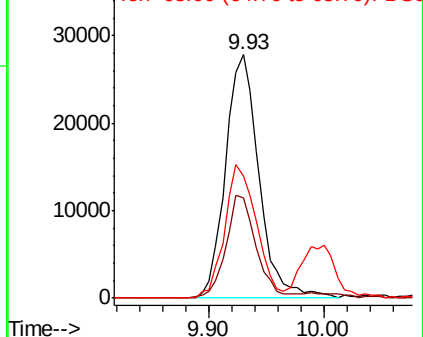
139 100

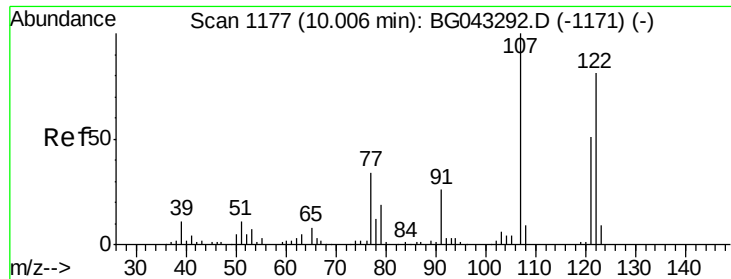
109 41.3 26.5 39.7#

65 50.4 43.8 65.8



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

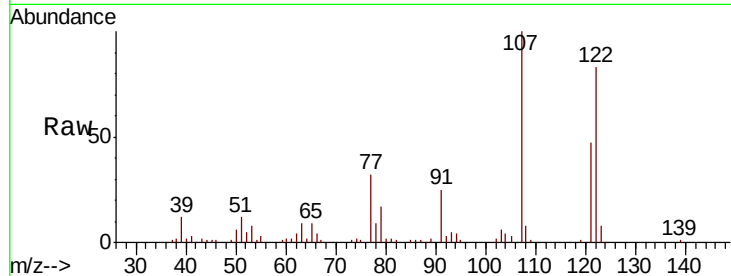




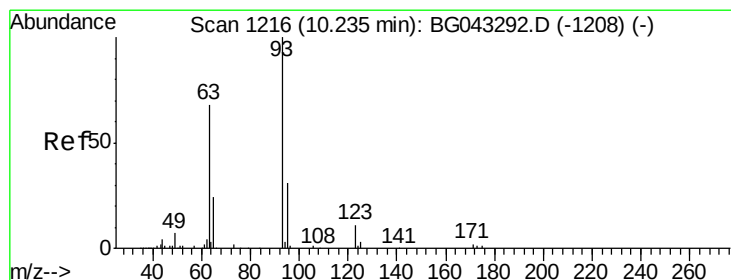
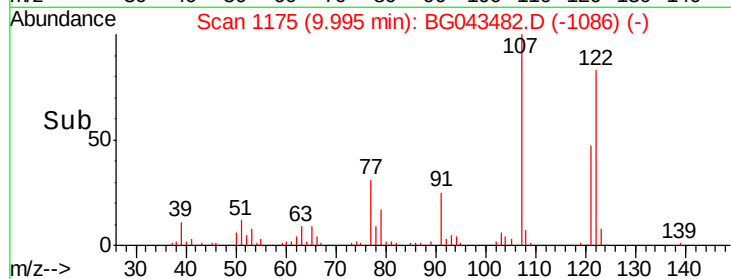
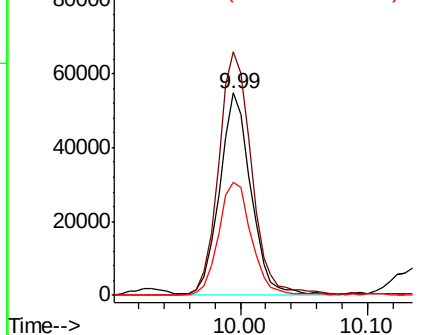
#27
 2,4-Dimethylphenol
 Concen: 50.539 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 92323
 Ion Ratio Lower Upper
 122 100
 107 120.4 104.4 156.6
 121 56.1 47.2 70.8

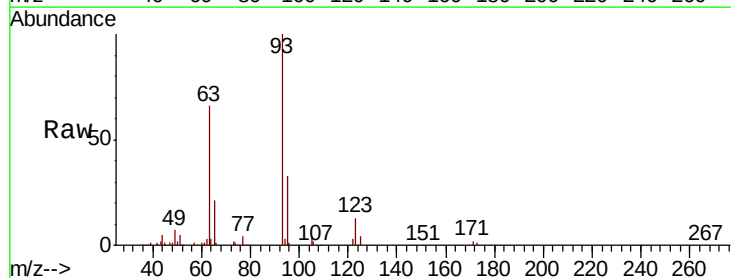


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

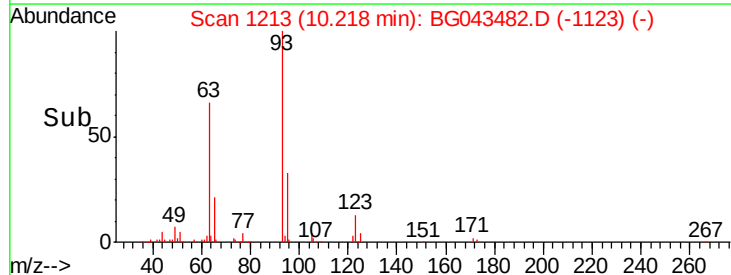
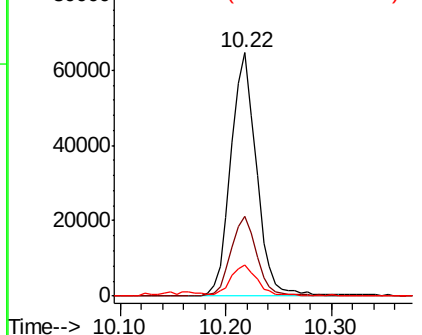


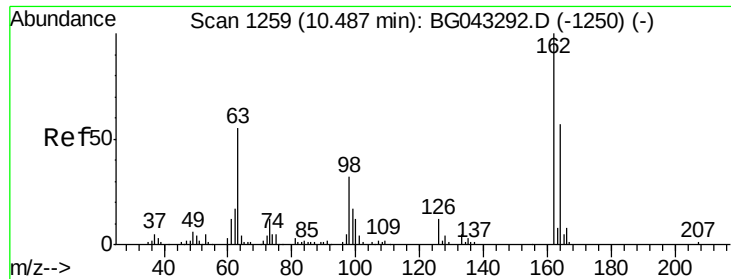
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.909 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion: 93 Resp: 108806
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 12.5 10.6 15.8



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

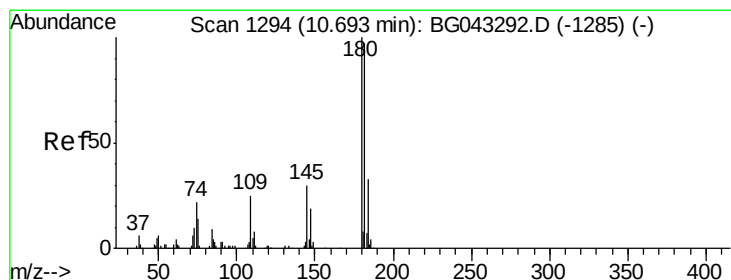
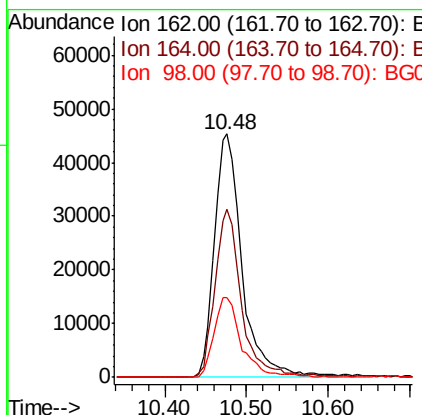
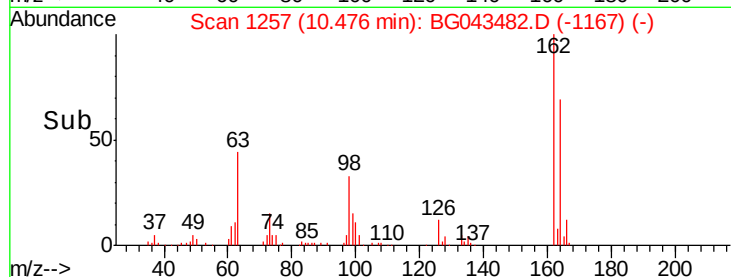
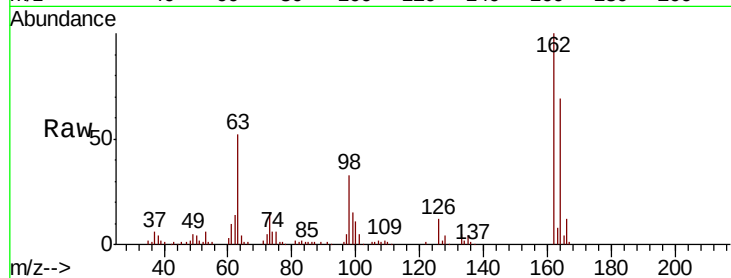




#29
2,4-Dichlorophenol
Concen: 45.606 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

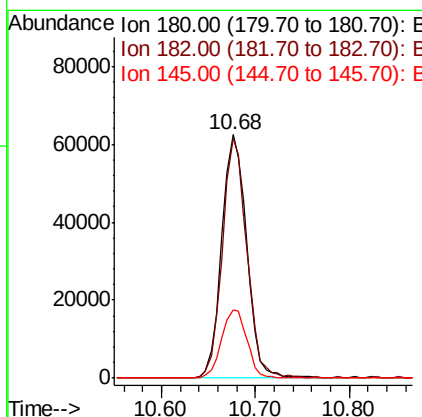
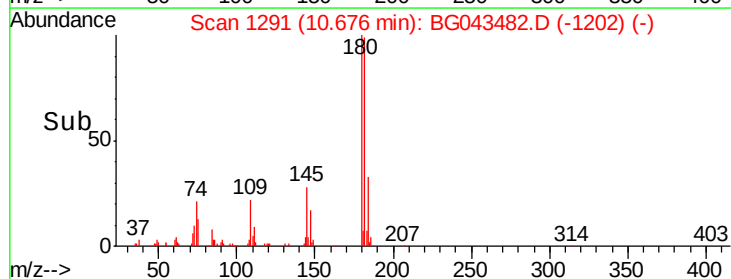
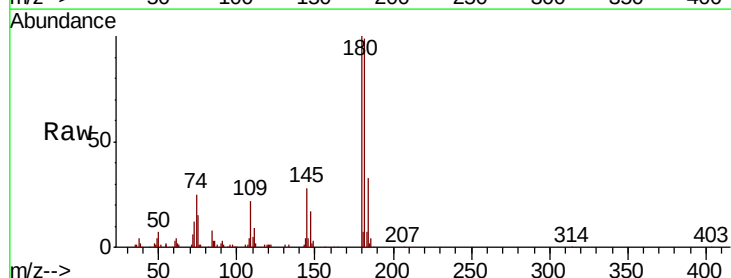
Instrument :
BNA_G
ClientSampleId :

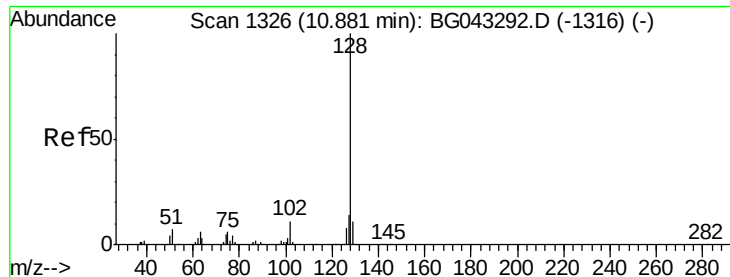
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	48.9	88.9
98	32.6	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.311 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.1	112.7
145	27.9	23.9	35.9

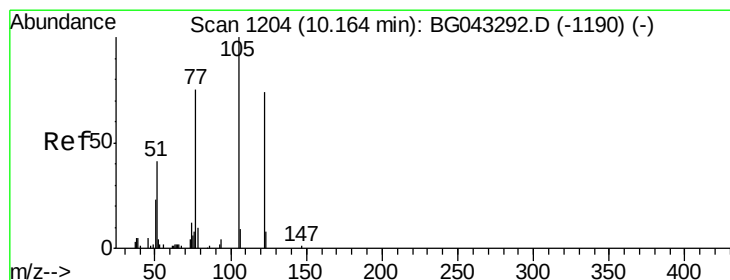
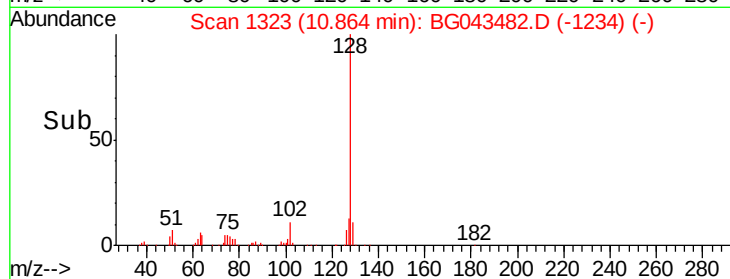
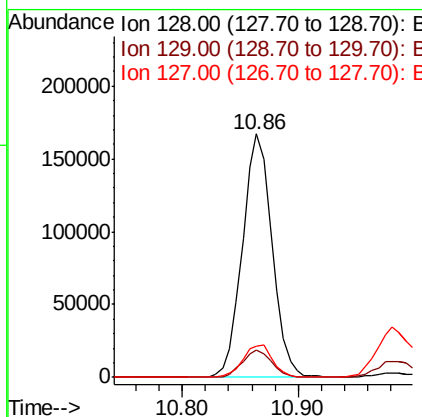
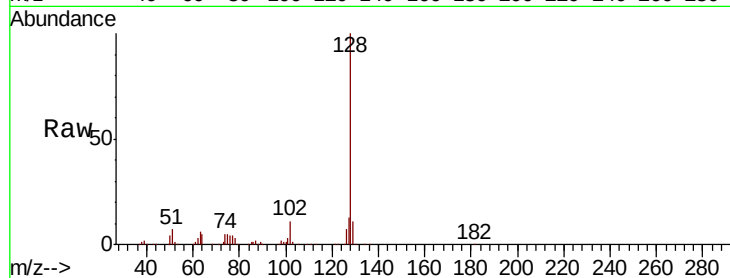




#31
Naphthalene
Concen: 41.183 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

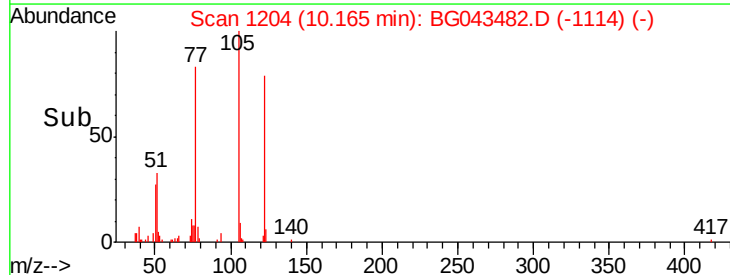
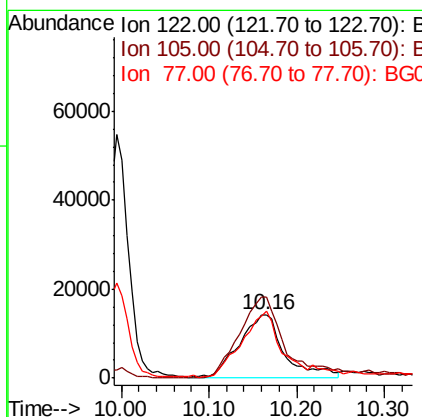
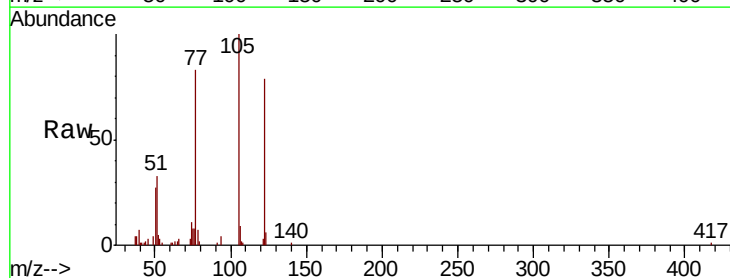
Instrument :
BNA_G
ClientSampleId :

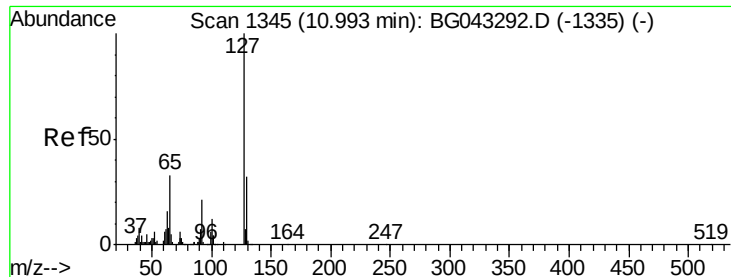
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	12.8	11.1	16.7



#32
Benzoic acid
Concen: 37.280 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	103.3	143.3
77	104.8	84.9	124.9

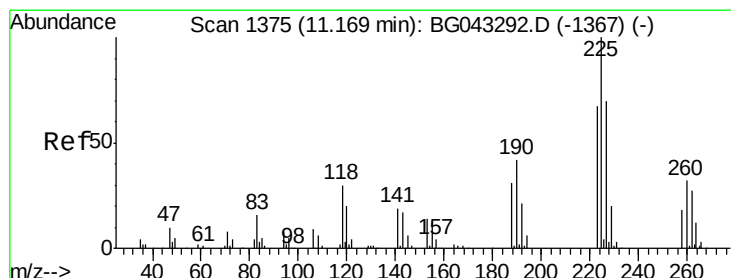
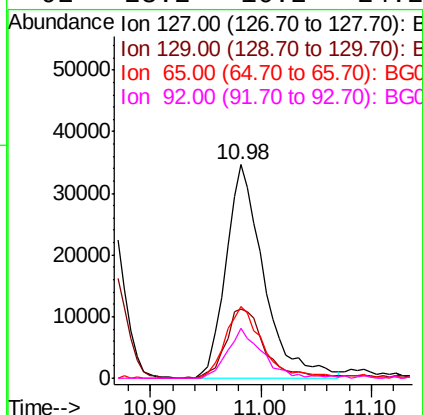
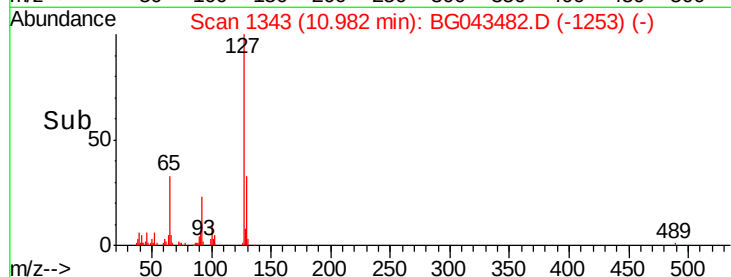
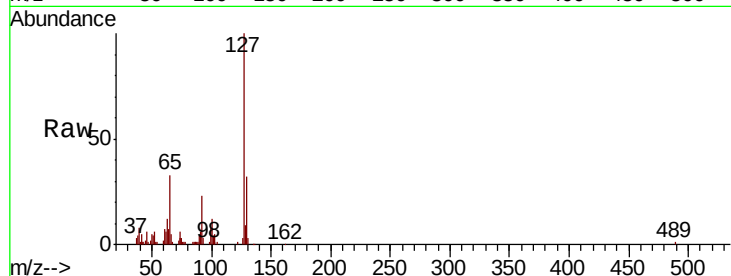




#33
4-Chloroaniline
Concen: 27.889 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

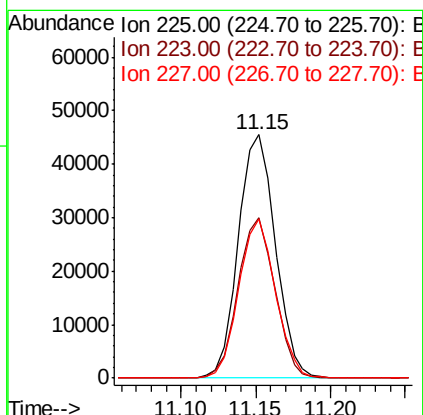
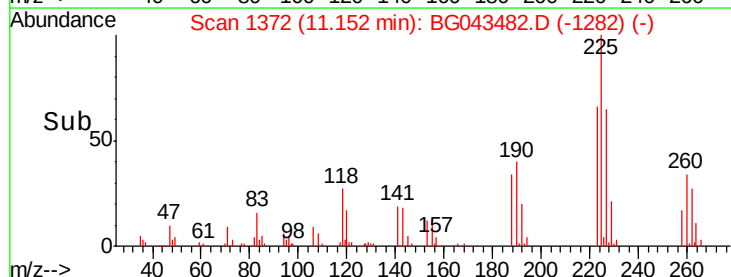
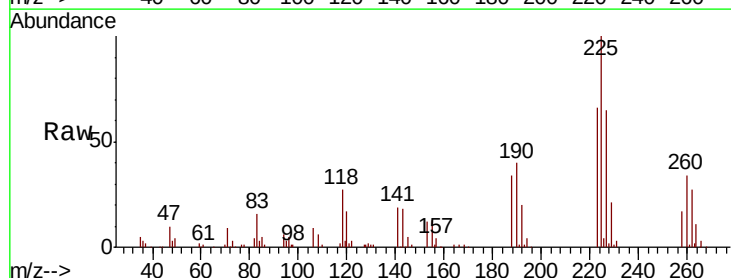
Instrument :
BNA_G
ClientSampled :

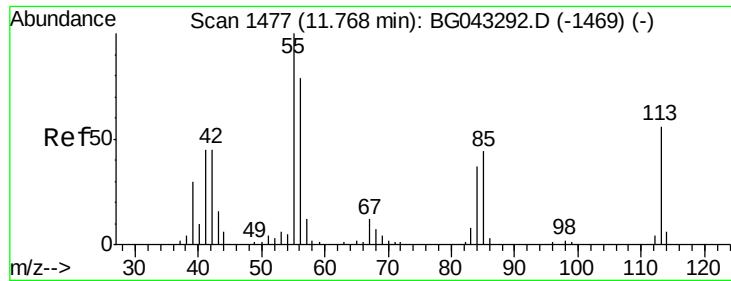
Tot Ion:127	Resp:	82907
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.5 39.7
65	33.3	26.4 39.6
92	23.2	16.2 24.2



#34
Hexachlorobutadiene
Concen: 36.019 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:225	Resp:	78547
Ion Ratio	Lower	Upper
225	100	
223	65.7	52.7 79.1
227	65.4	54.8 82.2

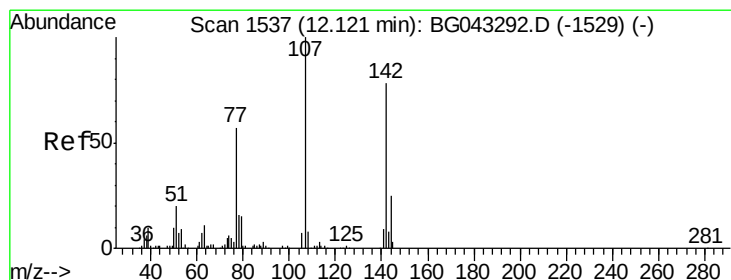
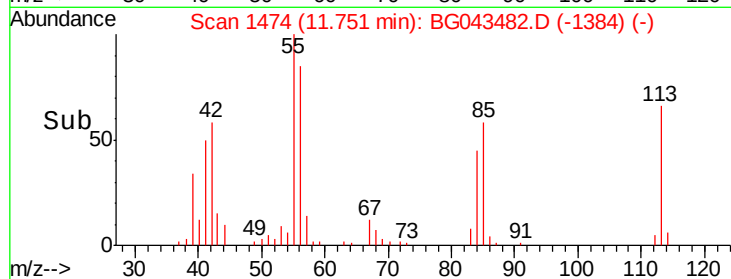
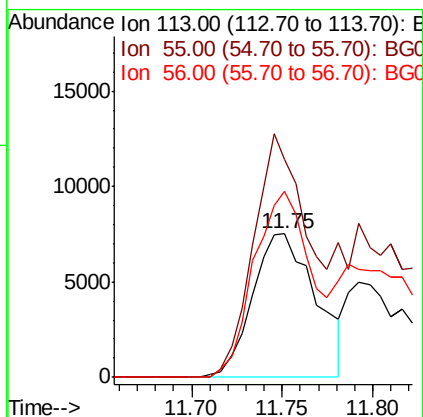
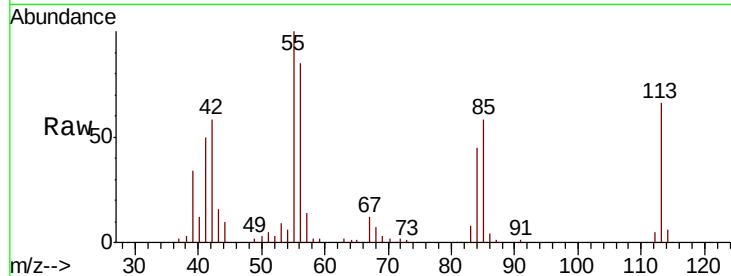




#35
Caprolactam
Concen: 22.627 ng
RT: 11.75 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

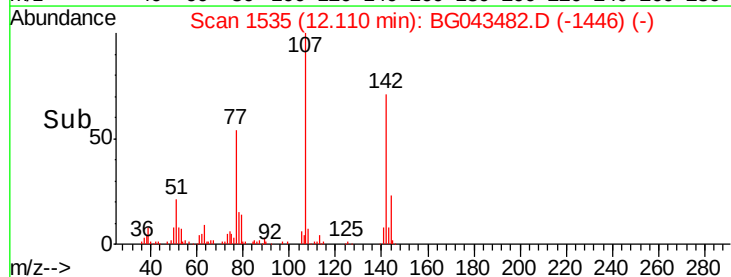
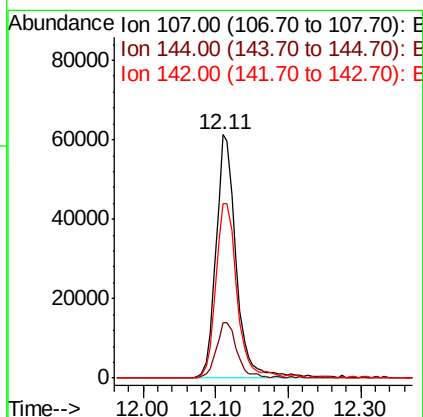
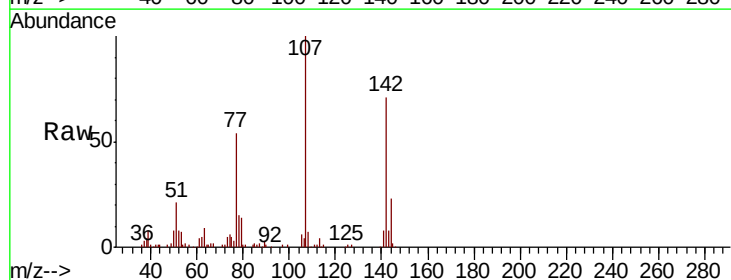
Instrument :
BNA_G
ClientSampled :

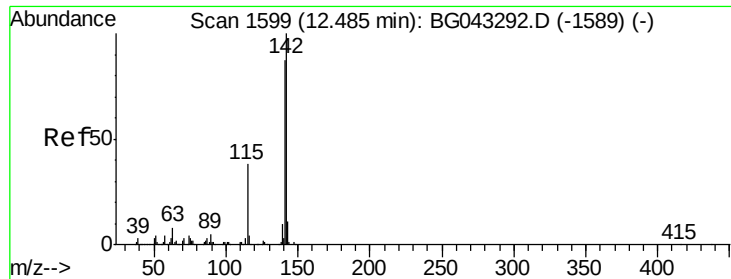
Tot Ion:113 Resp: 18240
Ion Ratio Lower Upper
113 100
55 151.7 134.1 174.1
56 129.6 100.4 140.4



#36
4-Chloro-3-methylphenol
Concen: 46.527 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:107 Resp: 118788
Ion Ratio Lower Upper
107 100
144 22.8 20.9 31.3
142 71.4 59.6 89.4

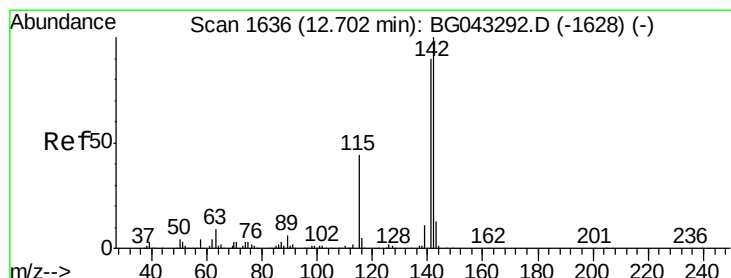
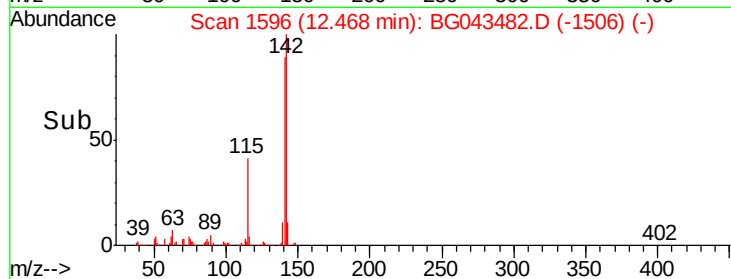
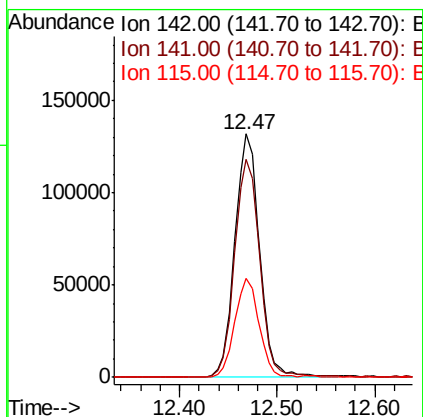
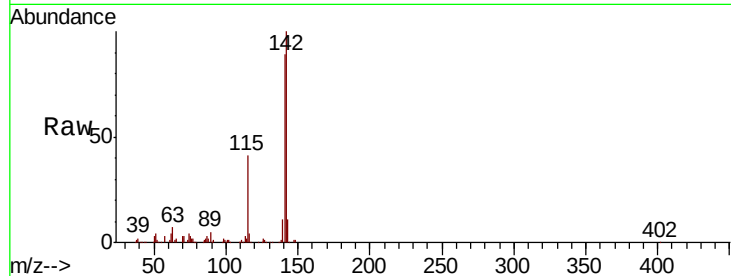




#37
 2-Methylnaphthalene
 Concen: 41.771 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

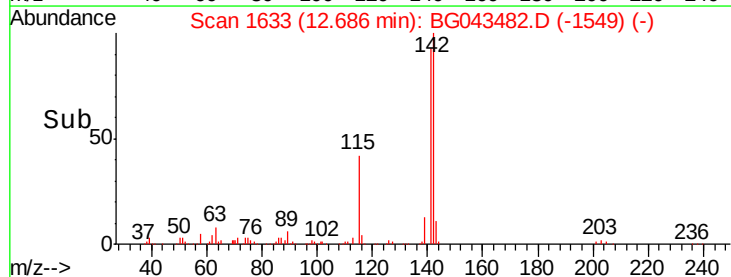
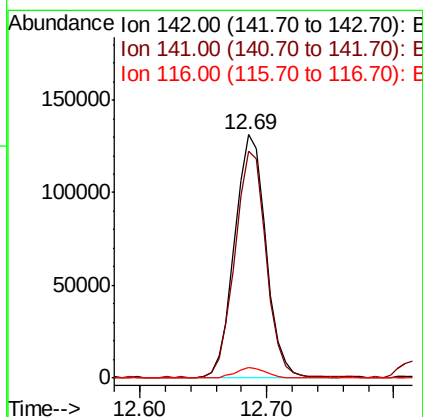
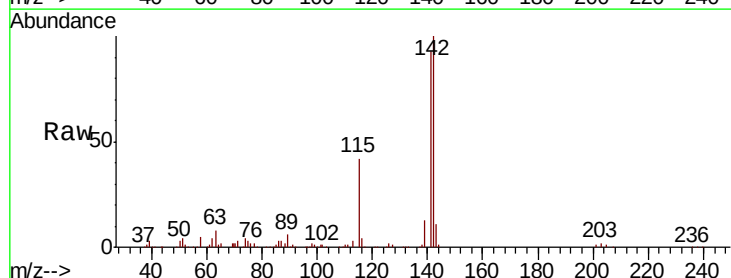
Instrument :
 BNA_G
 ClientSampleId :

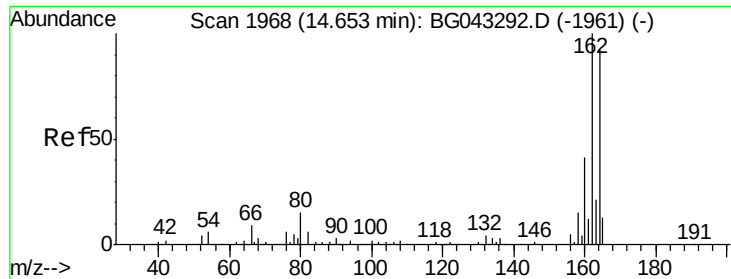
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2
115	40.8	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 42.374 ng
 RT: 12.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

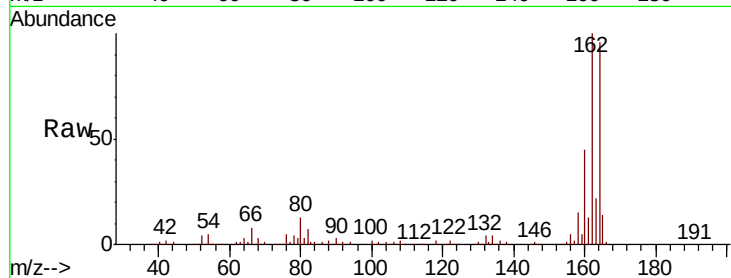
Tot Ion:164 Resp: 121125

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

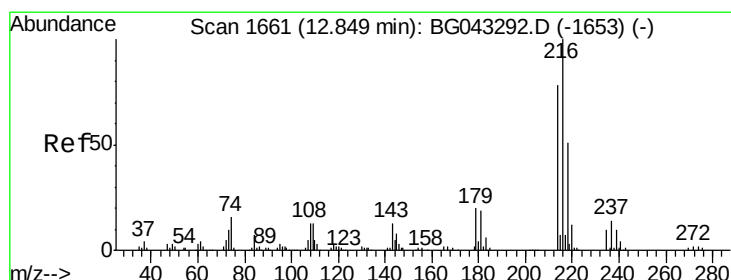
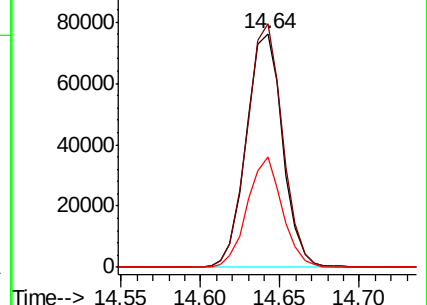
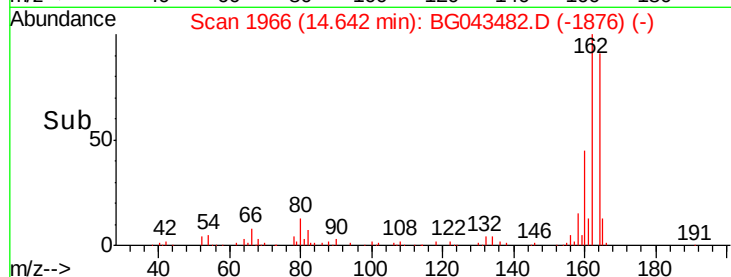
160 47.0 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.913 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:216 Resp: 152020

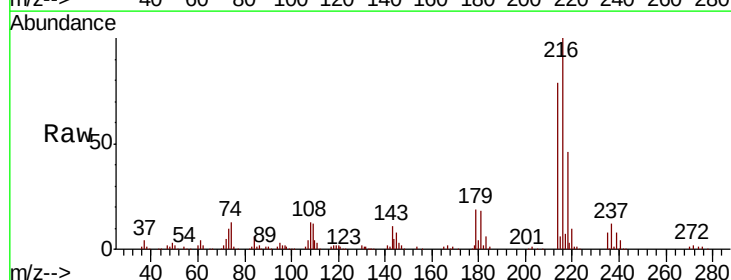
Ion Ratio Lower Upper

216 100

214 77.2 61.7 92.5

179 19.2 15.8 23.8

108 15.1 11.5 17.3

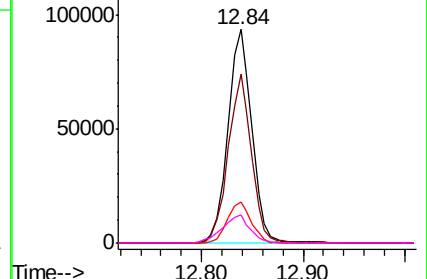
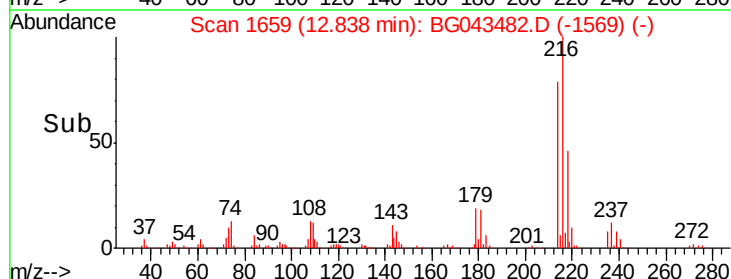


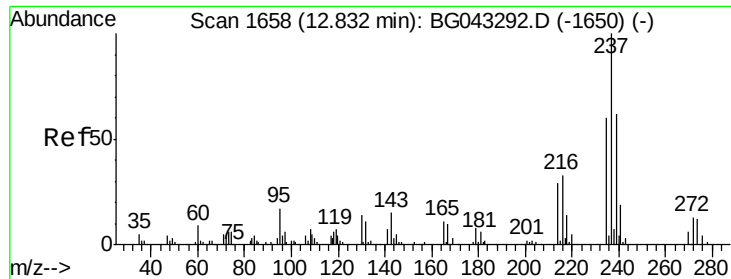
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

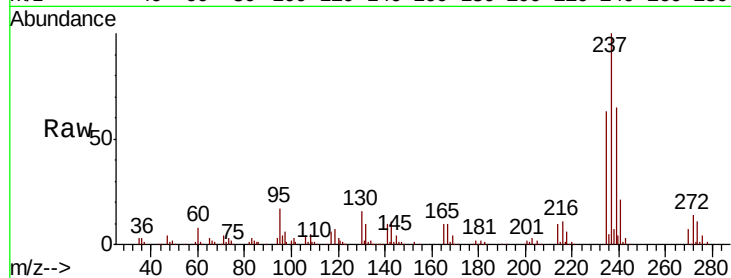




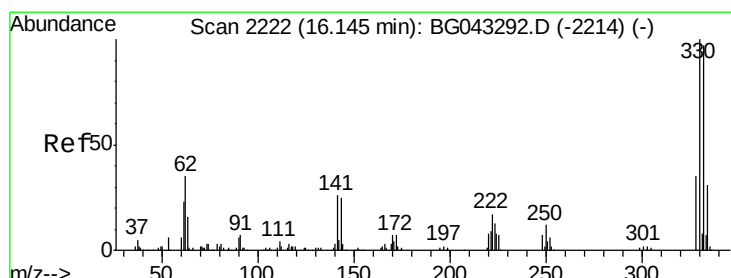
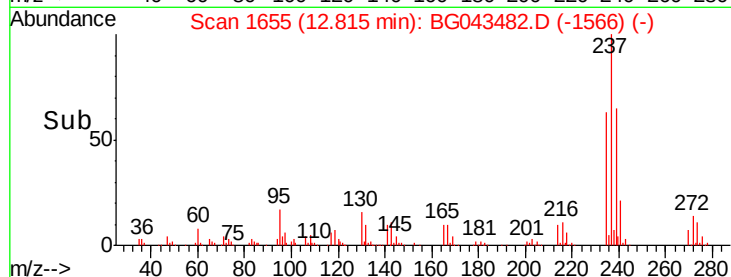
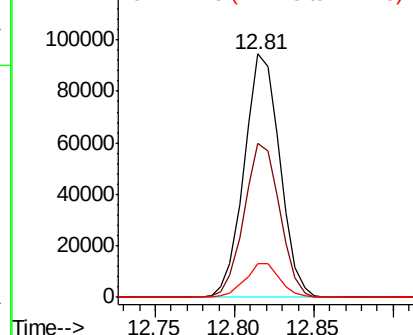
#41
Hexachlorocyclopentadiene
Concen: 62.823 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 147933
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 13.9 0.0 32.5

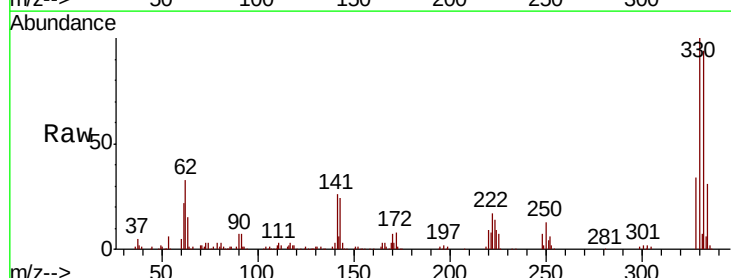


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

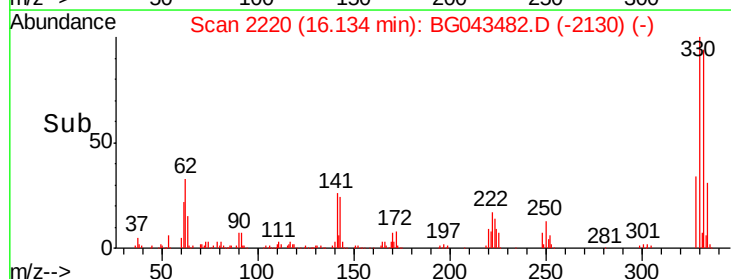
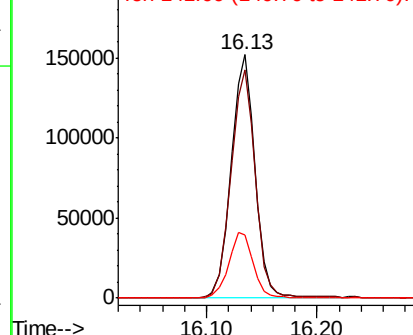


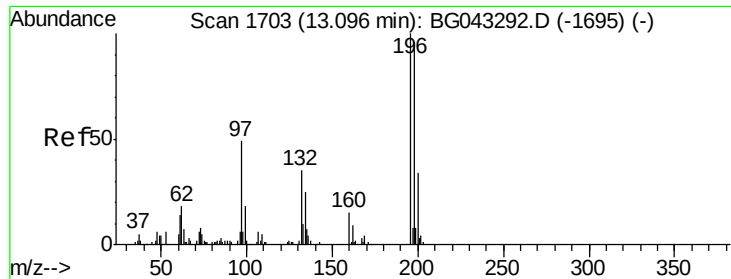
#42
2,4,6-Tribromophenol
Concen: 99.891 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:330 Resp: 230250
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 27.6 22.8 34.2



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

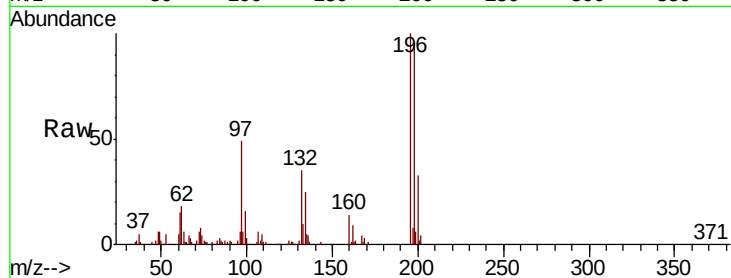




#43
 2,4,6-Trichlorophenol
 Concen: 37.730 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	99602
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.8	113.6
200	33.0	23.9	35.9

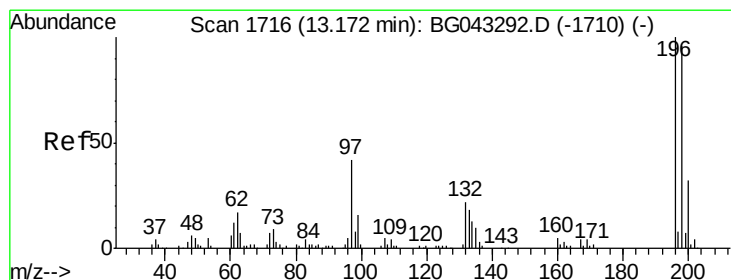
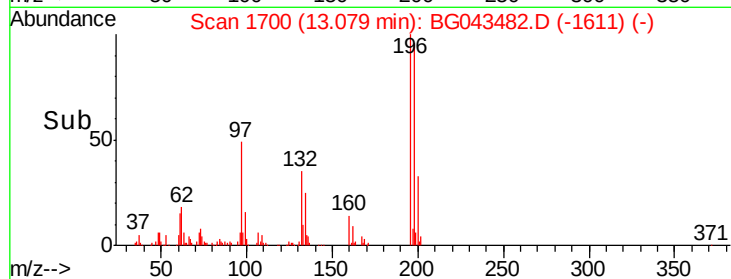
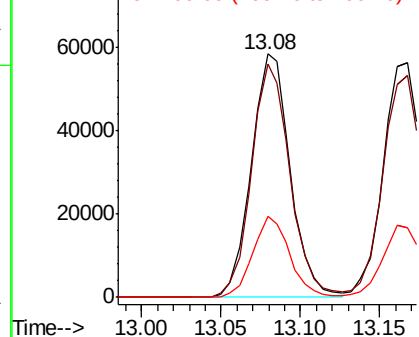


Abundance

Ion 196.00 (195.70 to 196.70): E

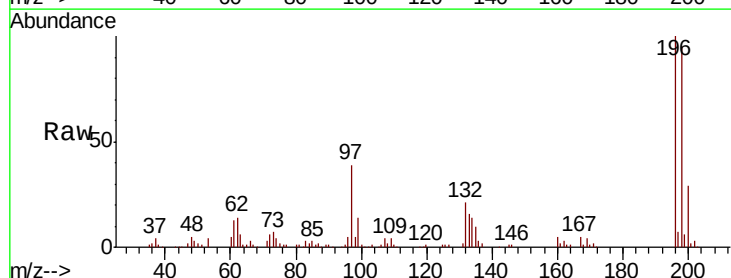
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.583 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	196	Resp	105641
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.5	111.7
97	39.1	36.3	54.5
132	21.0	17.4	26.2



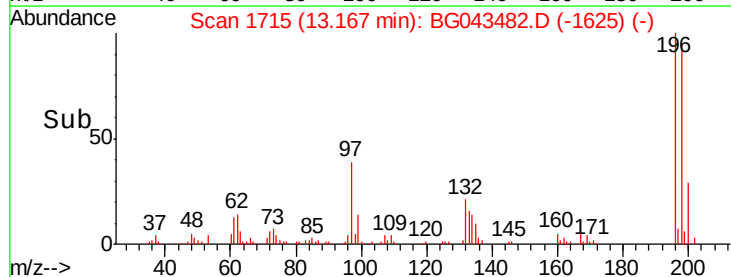
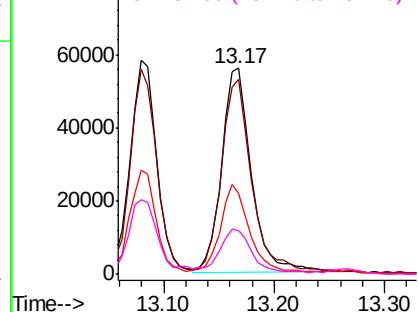
Abundance

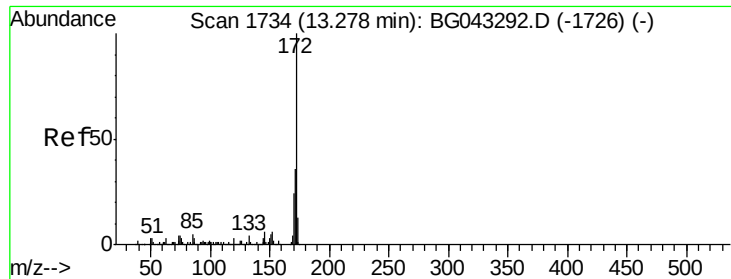
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

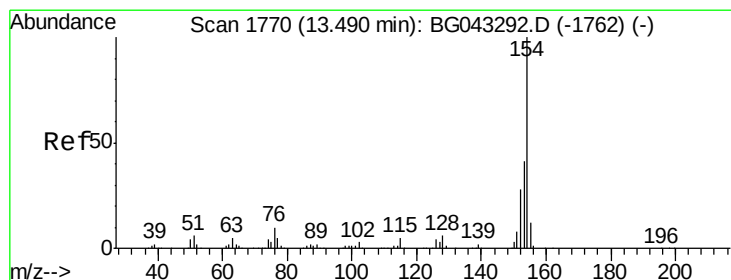
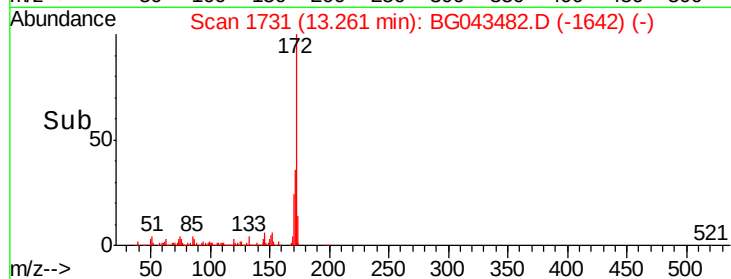
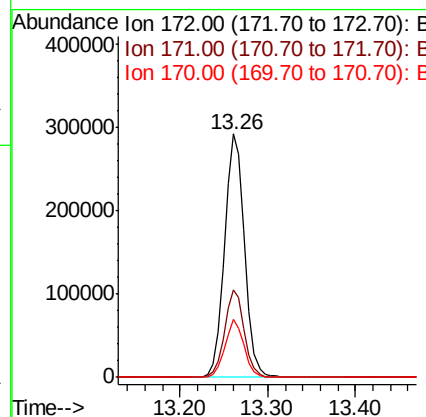
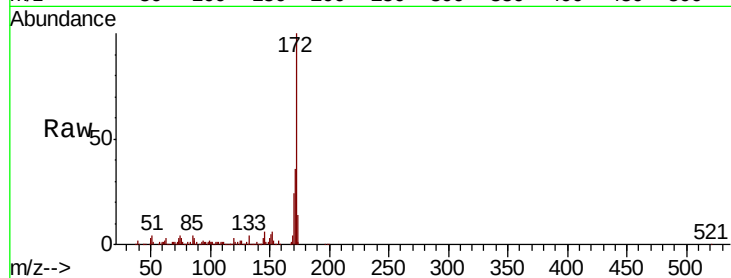




#45
2-Fluorobiphenyl
Concen: 52.611 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

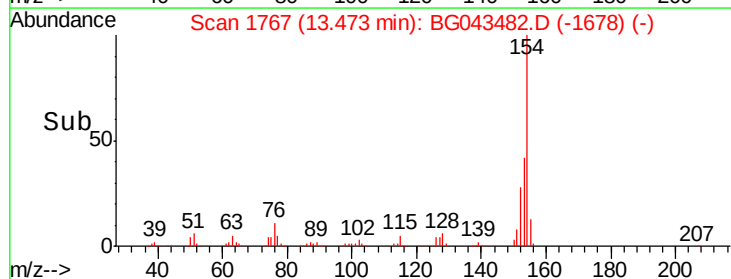
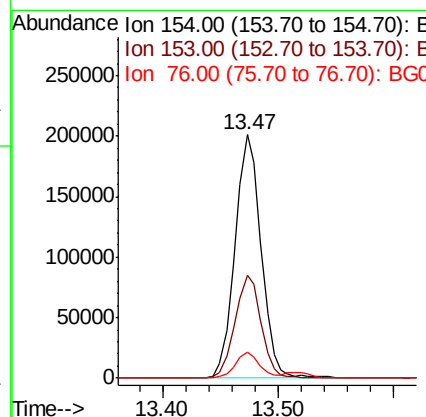
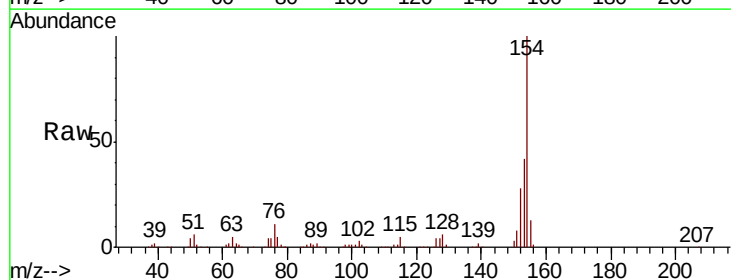
Instrument :
BNA_G
ClientSampleId :

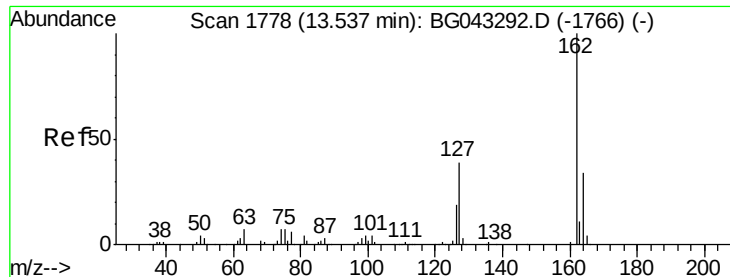
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 34.065 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.9	59.9
76	10.7	0.0	29.4

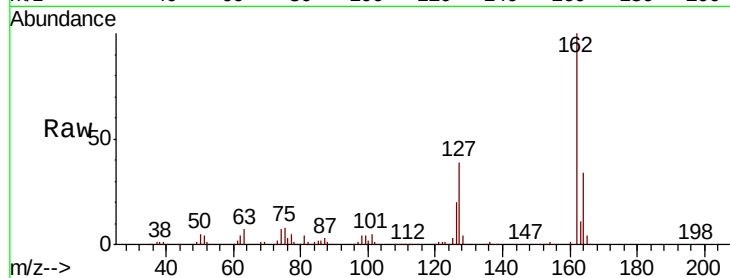




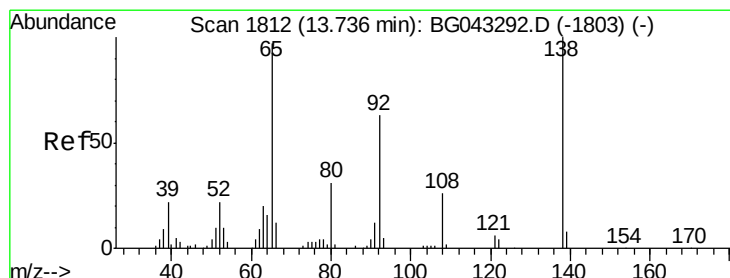
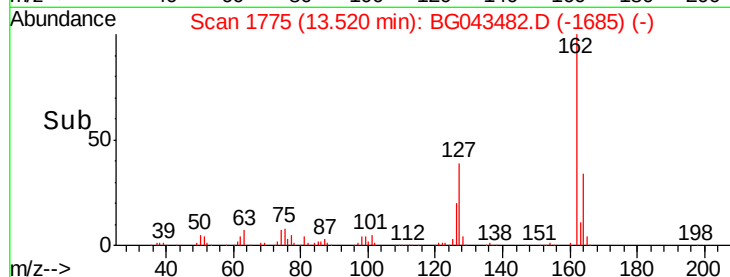
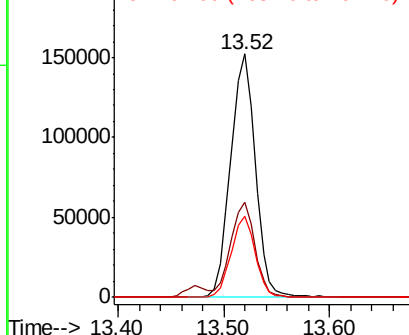
#47
2-Chloronaphthalene
Concen: 35.209 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 246849
Ion Ratio Lower Upper
162 100
127 39.3 31.2 46.8
164 33.5 25.8 38.8

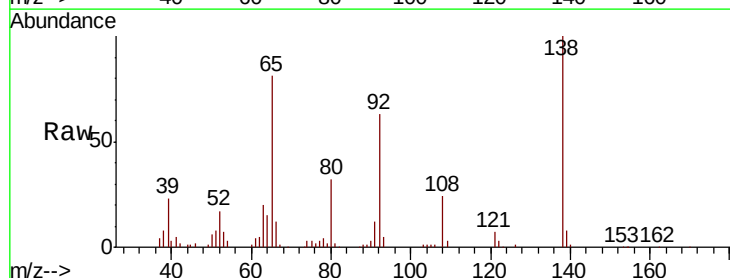


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

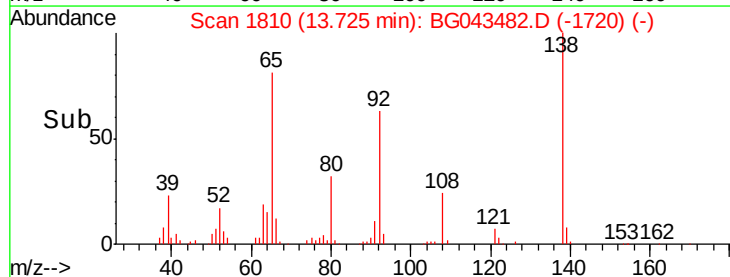
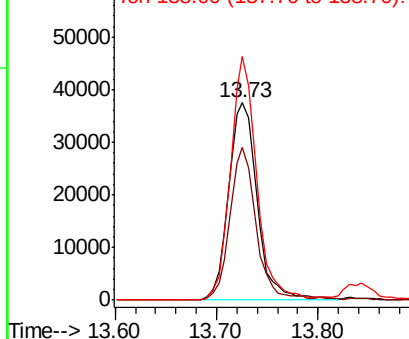


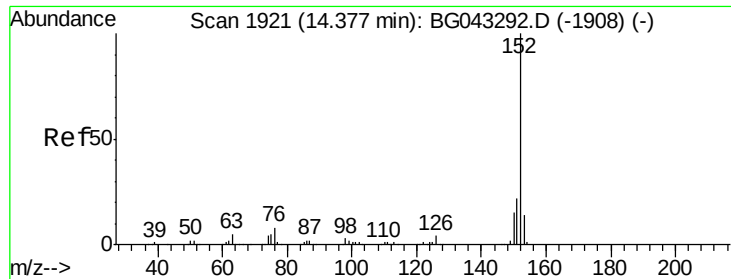
#48
2-Nitroaniline
Concen: 35.192 ng
RT: 13.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion: 65 Resp: 73744
Ion Ratio Lower Upper
65 100
92 77.2 56.2 84.2
138 123.4 82.6 123.8



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





#49

Acenaphthylene

Concen: 36.992 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

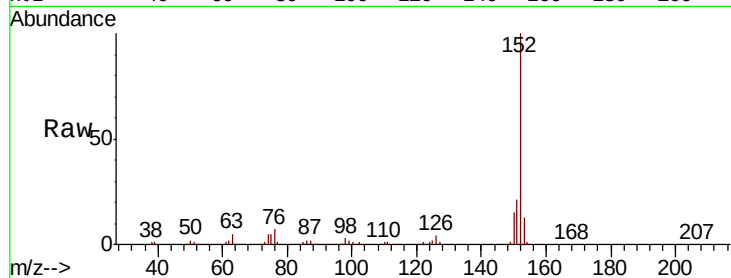
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 403645

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.4
153	13.4	10.6	15.8

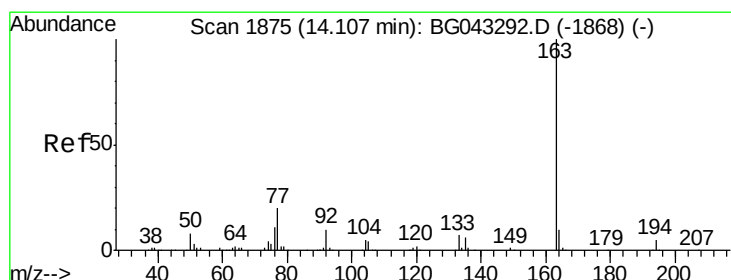
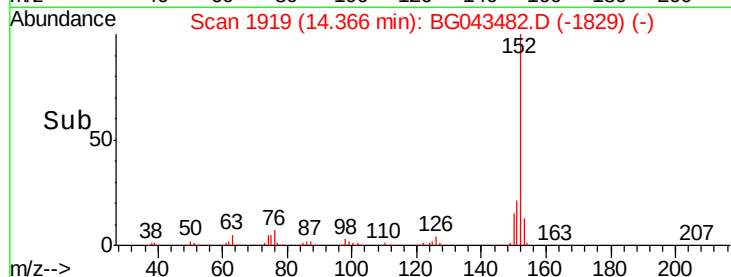
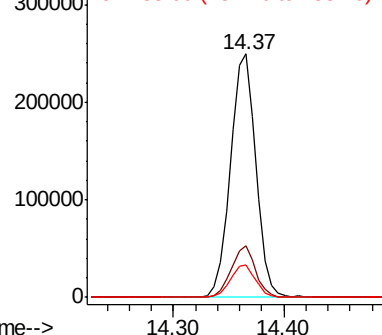


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.539 ng

RT: 14.10 min Scan# 1873

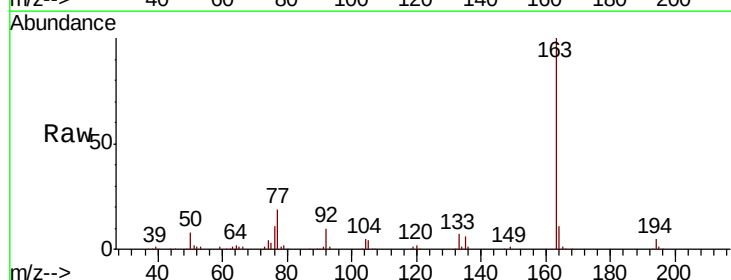
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:163 Resp: 333424

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	10.6	8.9	13.3

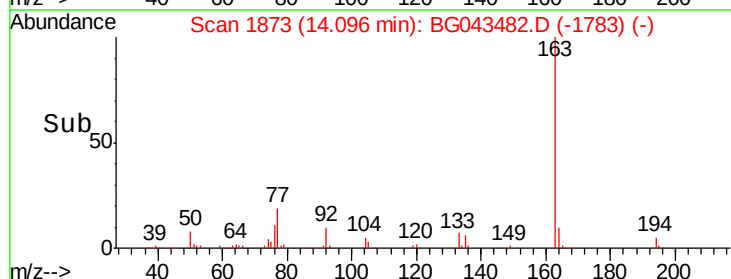
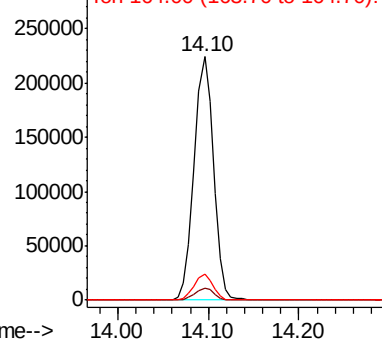


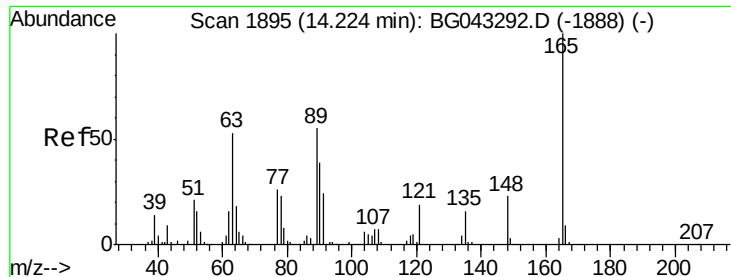
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.962 ng

RT: 14.21 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

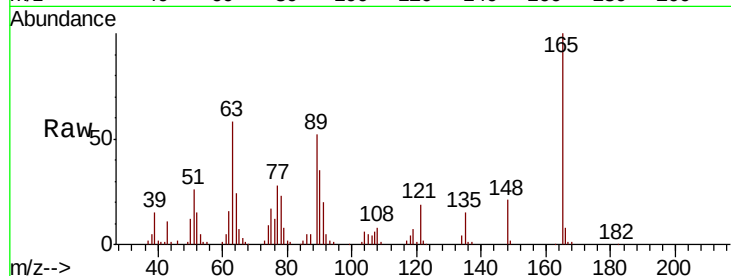
Tot Ion:165 Resp: 75336

Ion Ratio Lower Upper

165 100

63 58.4 46.6 69.8

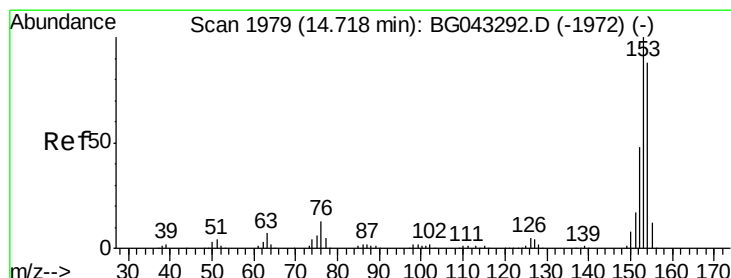
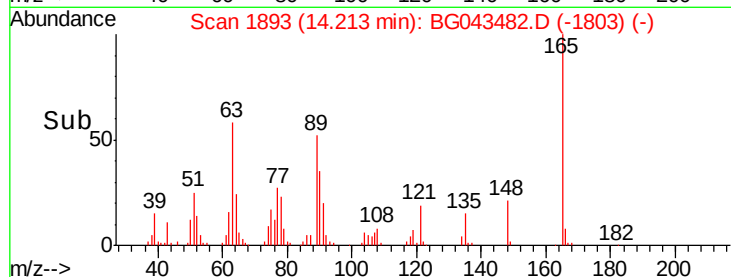
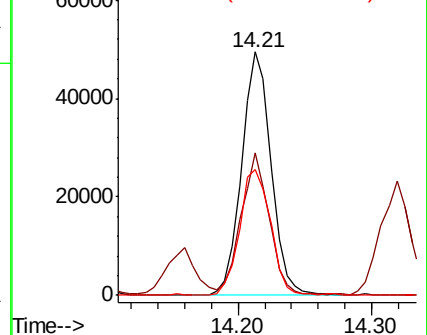
89 51.9 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.856 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

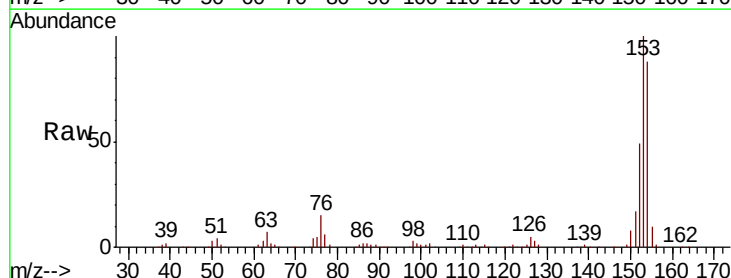
Tgt Ion:154 Resp: 238598

Ion Ratio Lower Upper

154 100

153 113.1 88.2 132.2

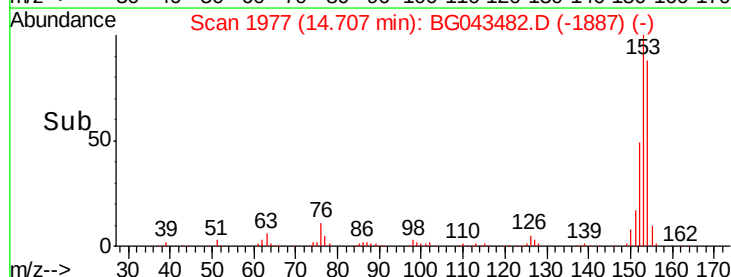
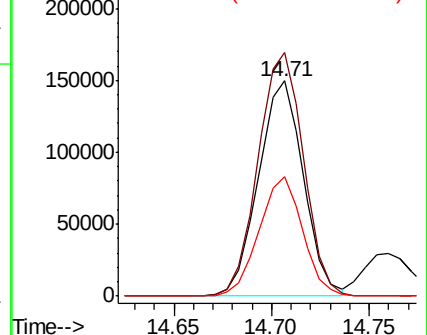
152 55.5 40.0 60.0

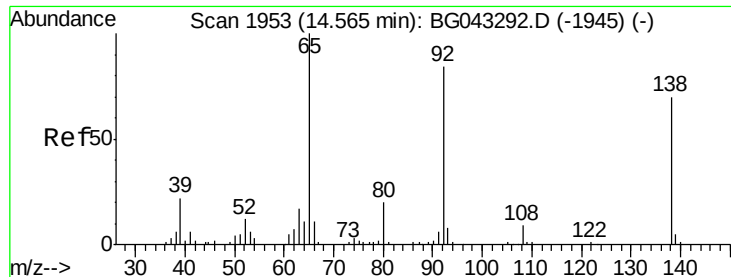


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.184 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

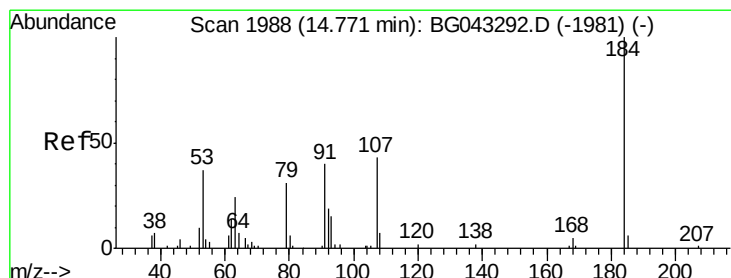
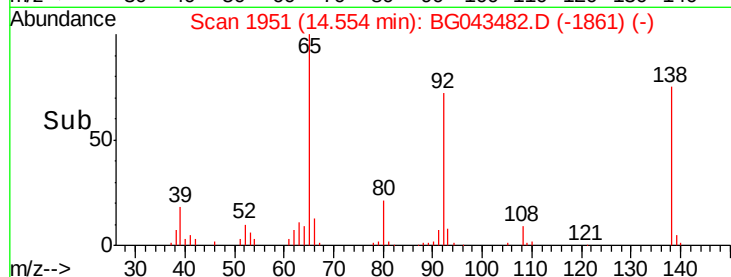
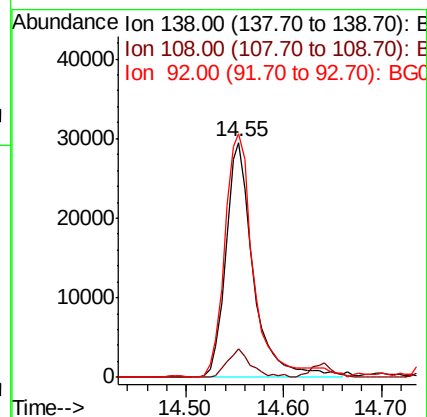
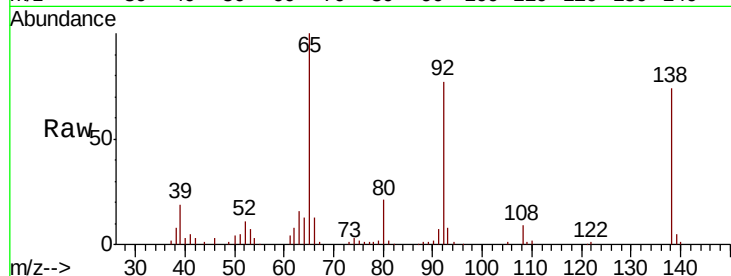
Tot Ion:138 Resp: 57430

Ion Ratio Lower Upper

138 100

108 12.0 8.0 12.0#

92 103.6 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 69.664 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

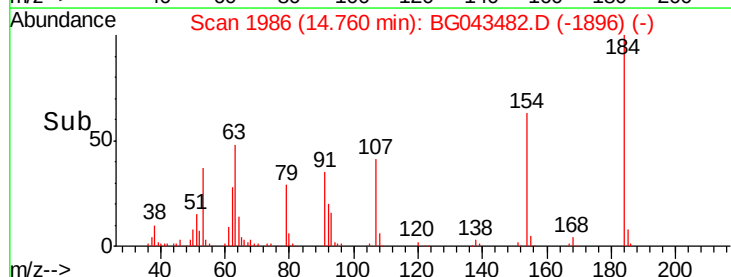
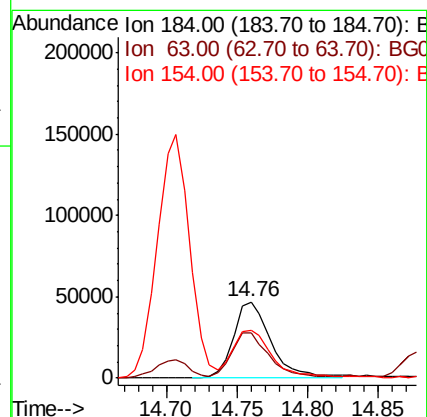
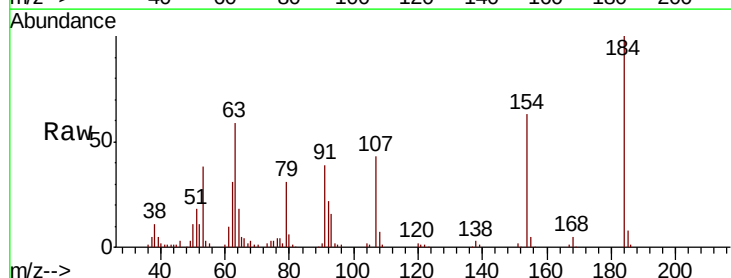
Tgt Ion:184 Resp: 87349

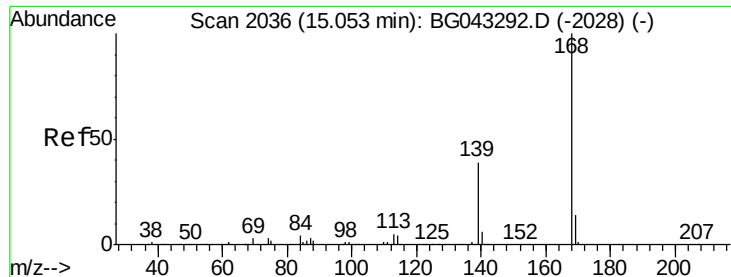
Ion Ratio Lower Upper

184 100

63 59.4 51.3 76.9

154 62.8 55.4 83.0

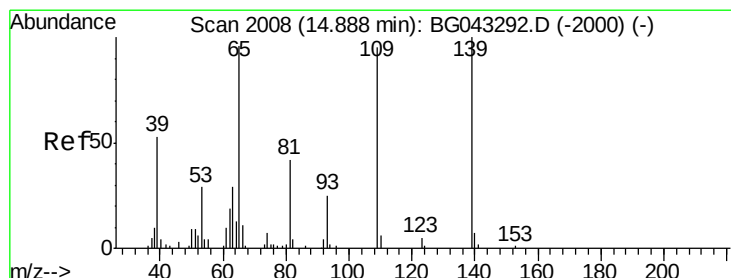
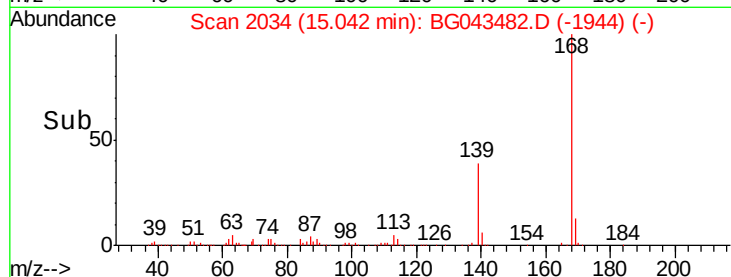
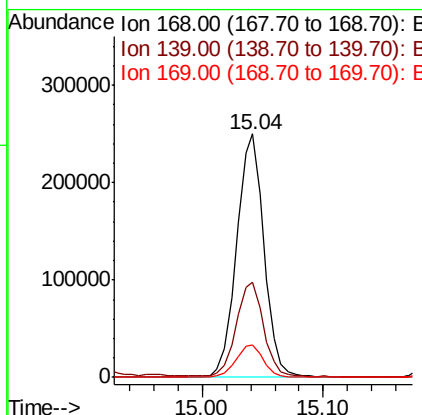
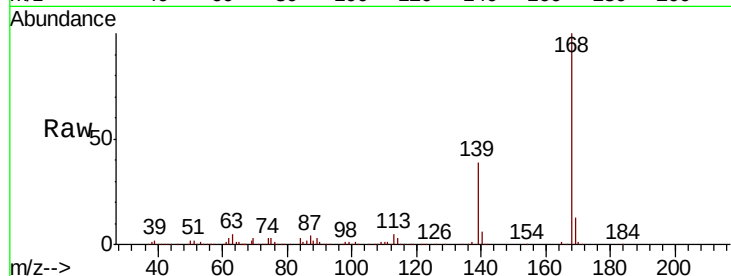




#55
Dibenzenofuran
Concen: 36.577 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

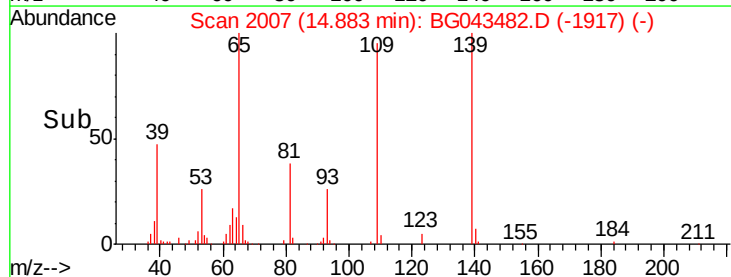
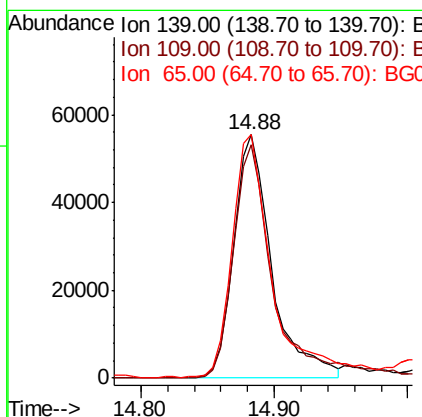
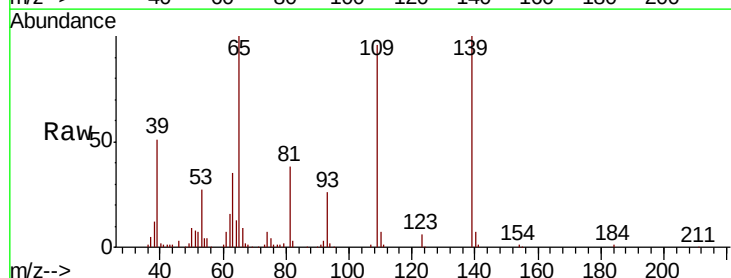
Instrument :
BNA_G
ClientSampleId :

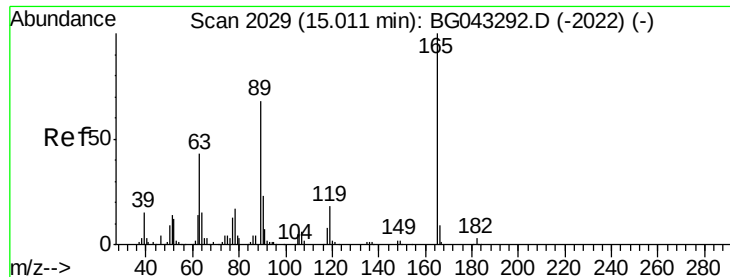
Tot Ion:168 Resp: 394705
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 13.1 11.7 17.5



#56
4-Nitrophenol
Concen: 83.123 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:139 Resp: 109616
Ion Ratio Lower Upper
139 100
109 95.7 87.2 127.2
65 100.1 83.8 123.8

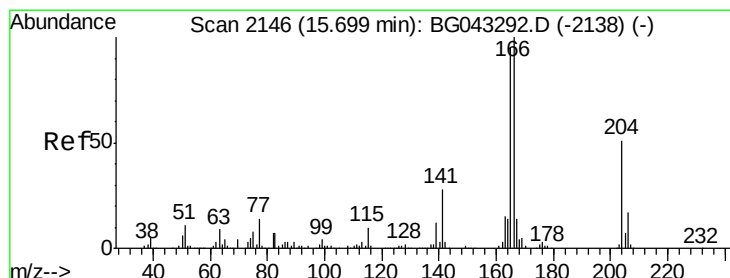
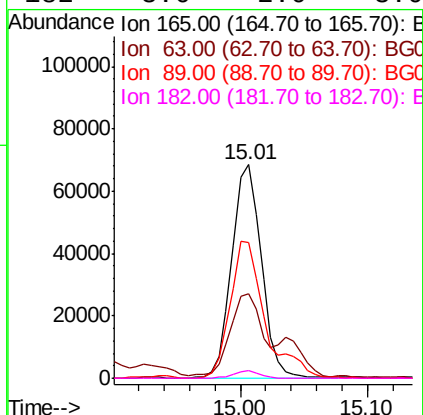
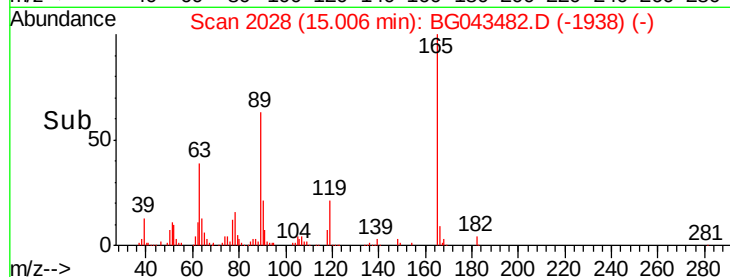
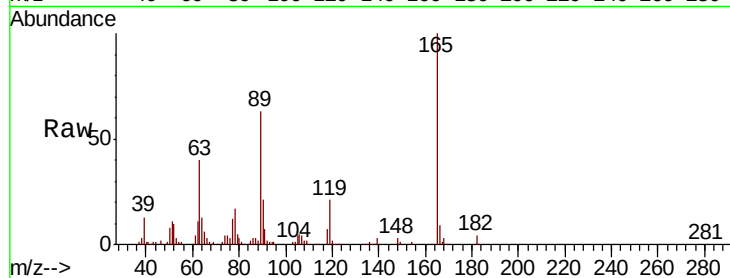




#57
2,4-Dinitrotoluene
Concen: 38.186 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

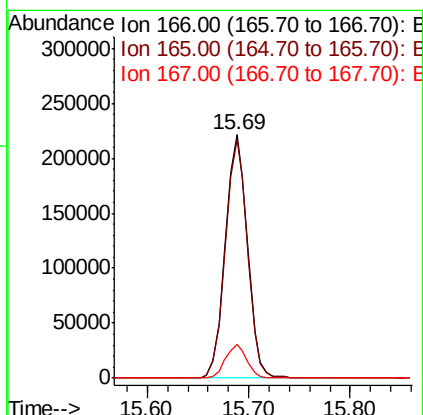
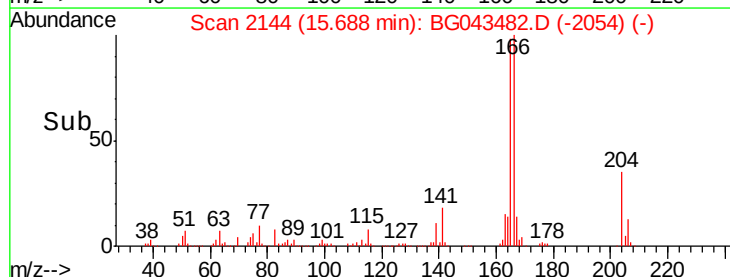
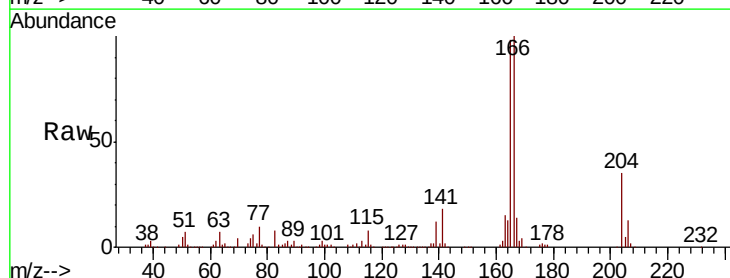
Instrument :
BNA_G
ClientSampled :

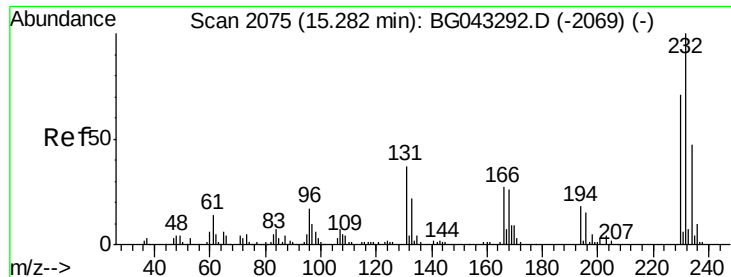
Tot Ion:165 Resp: 111231
Ion Ratio Lower Upper
165 100
63 39.7 33.2 49.8
89 63.3 52.2 78.4
182 3.6 2.0 3.0#



#58
Fluorene
Concen: 37.116 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:166 Resp: 335928
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 14.0 10.5 15.7

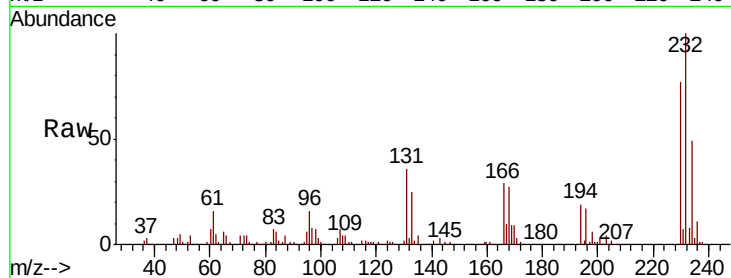




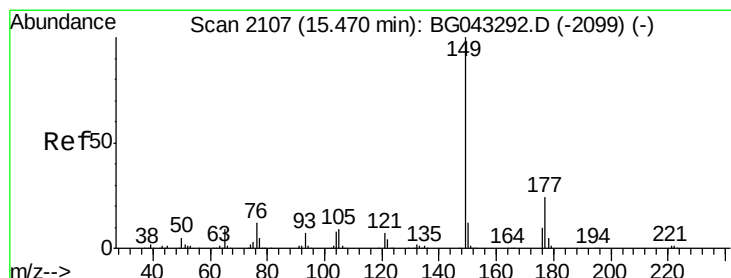
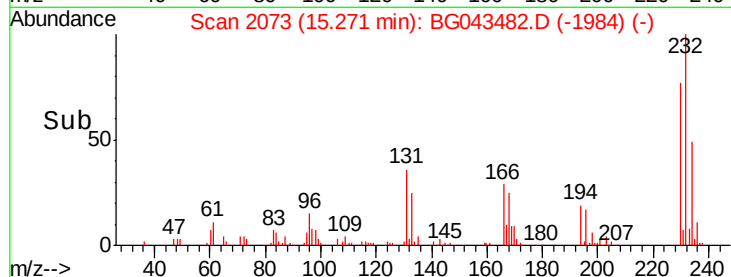
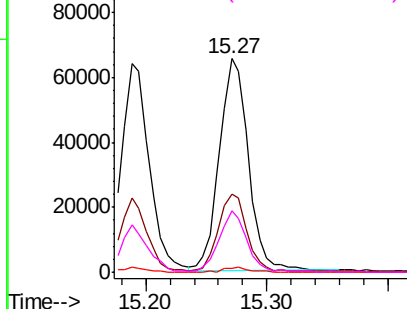
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.484 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	109122
Ion	Ratio	Lower	Upper
232	100		
131	35.8	26.9	40.3
130	2.1	1.8	2.6
166	27.8	20.9	31.3

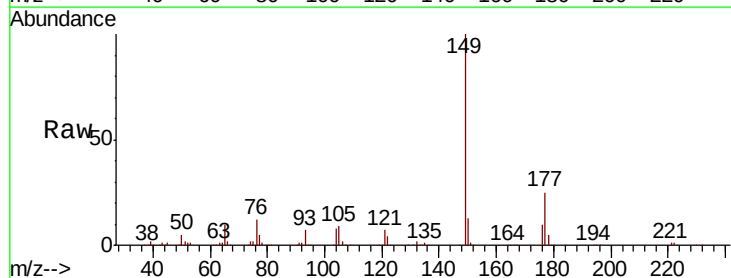


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

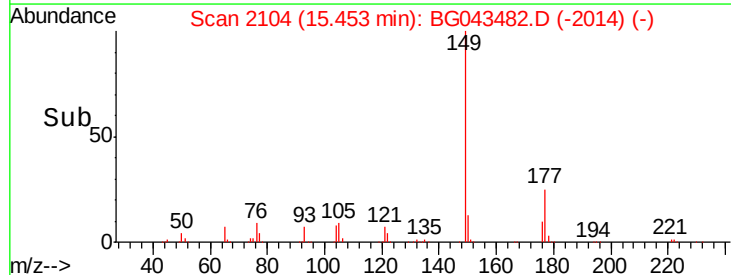
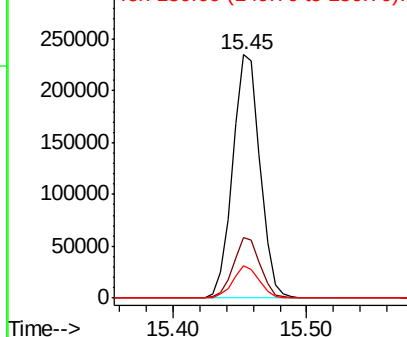


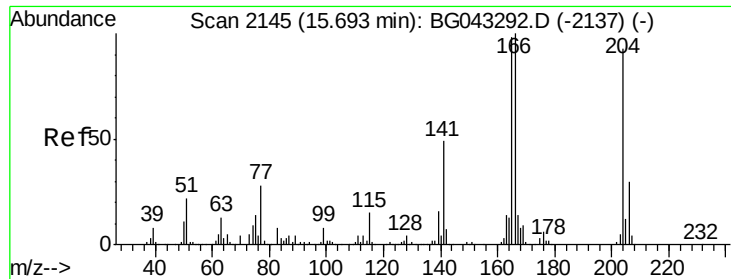
#60
 Diethylphthalate
 Concen: 35.706 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion:	149	Resp:	336595
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.6	29.4
150	13.1	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

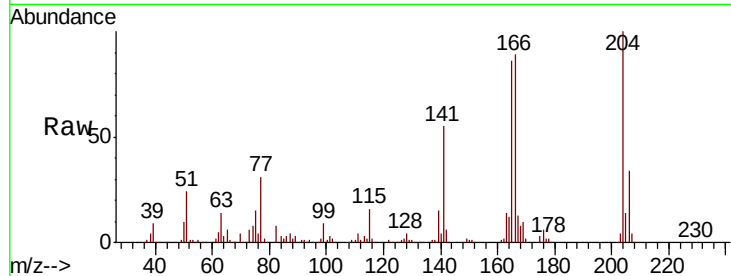




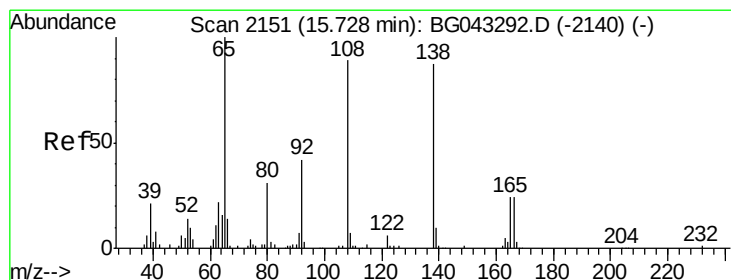
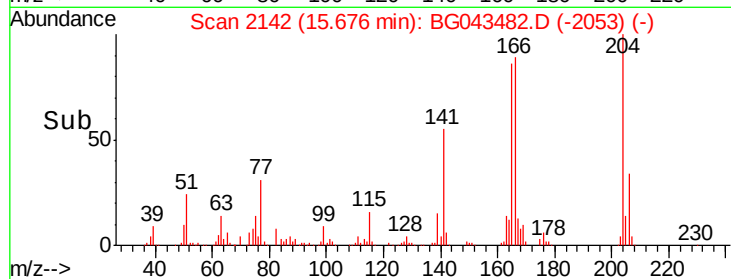
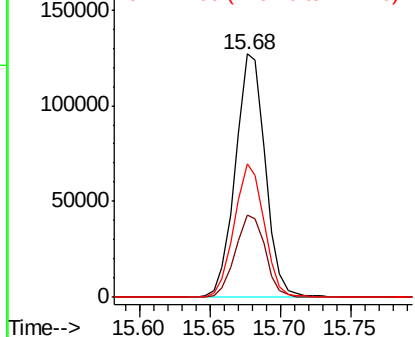
#61
4-Chlorophenyl-phenylether
Concen: 35.528 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 187583
Ion Ratio Lower Upper
204 100
206 33.7 28.4 42.6
141 54.6 43.0 64.6

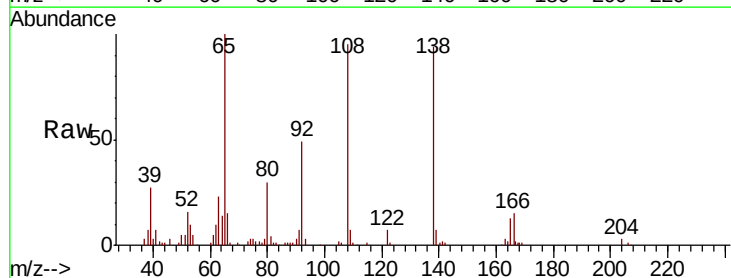


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

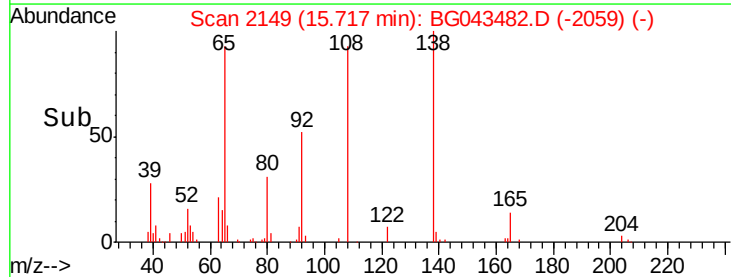
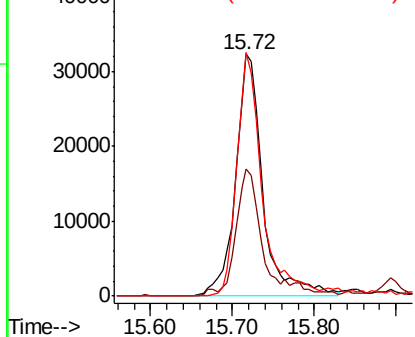


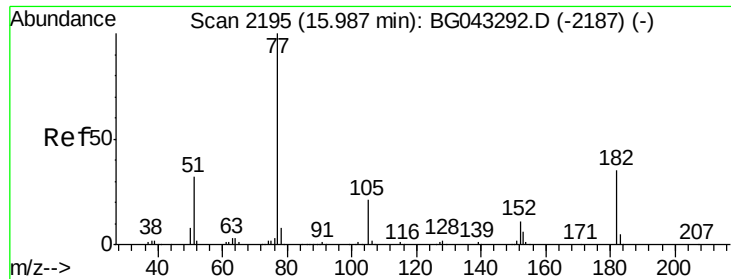
#62
4-Nitroaniline
Concen: 36.911 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:138 Resp: 75015
Ion Ratio Lower Upper
138 100
92 52.4 33.4 73.4
108 100.6 78.0 118.0



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

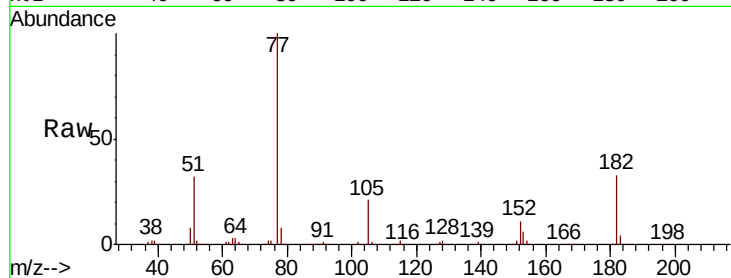




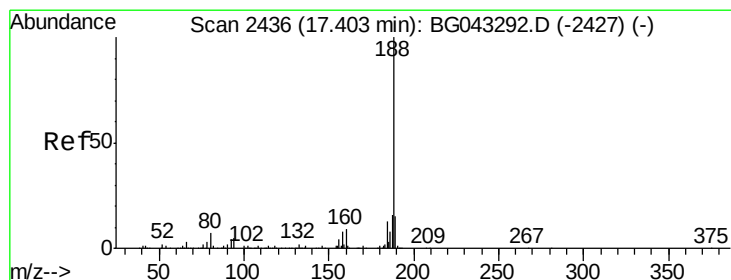
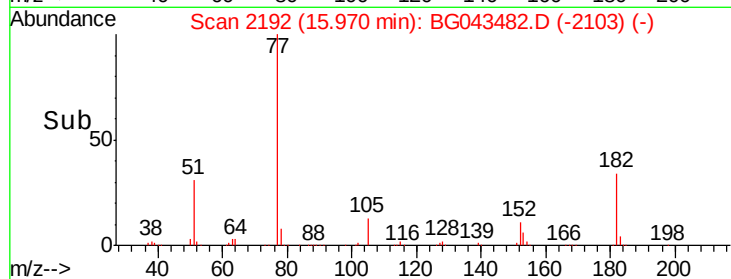
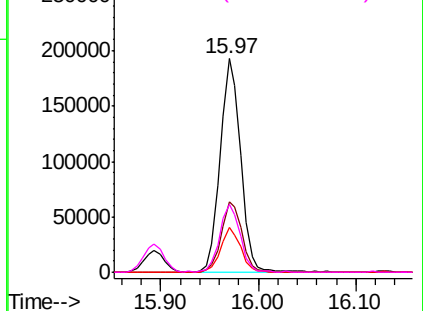
#63
Azobenzene
Concen: 36.631 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	279467
Ion	Ratio	Lower	Upper
77	100		
182	32.8	13.7	53.7
105	21.0	0.4	40.4
51	31.5	11.0	51.0

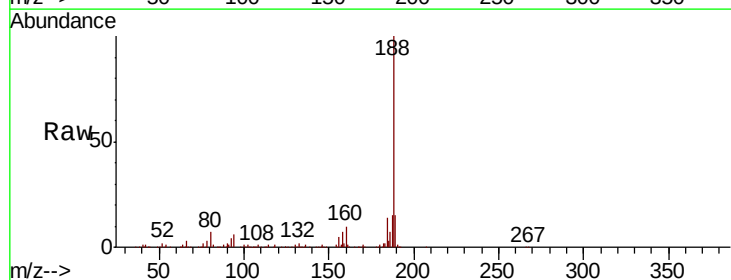


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

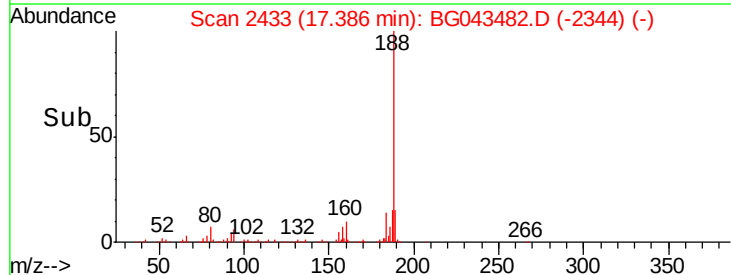
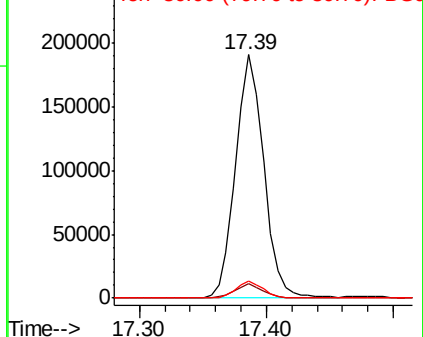


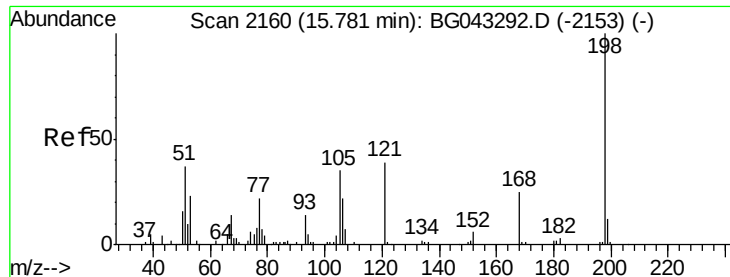
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:	188	Resp:	294991
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	6.8	4.5	6.7#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.853 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

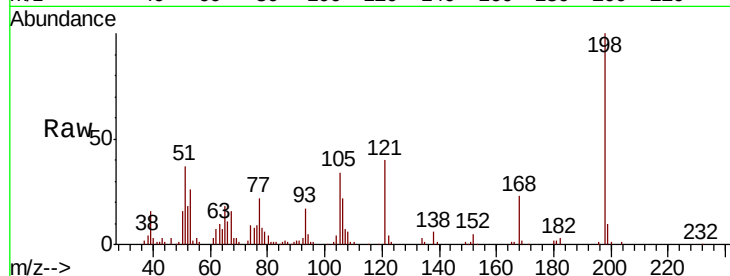
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 70922

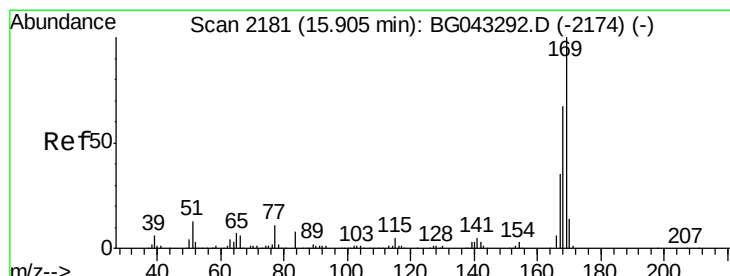
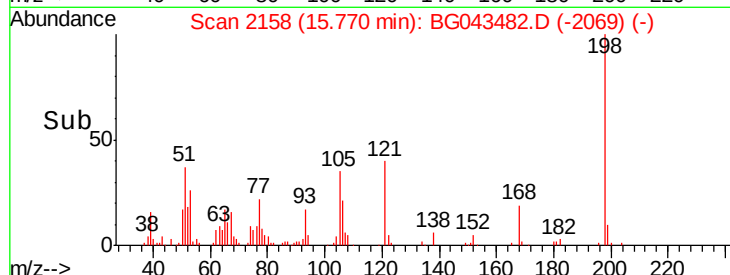
Ion	Ratio	Lower	Upper
198	100		
51	37.1	13.2	53.2
105	34.5	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.532 ng

RT: 15.89 min Scan# 2179

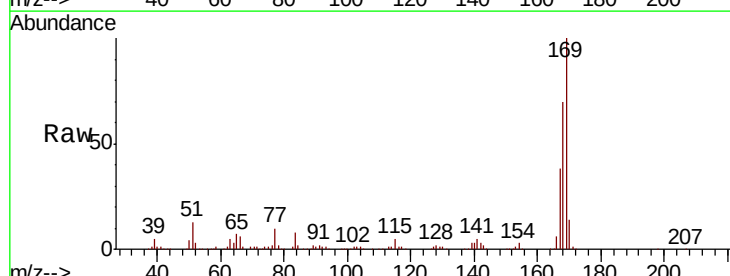
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:169 Resp: 295920

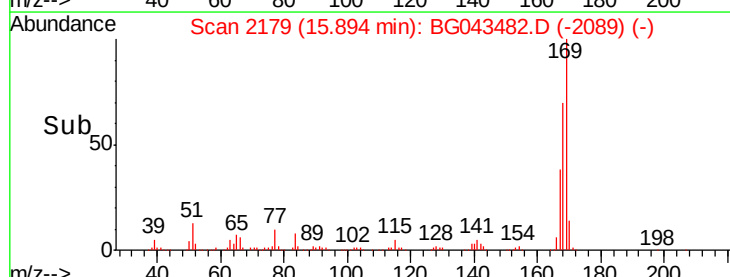
Ion	Ratio	Lower	Upper
169	100		
168	69.8	53.8	80.6
167	37.7	27.5	41.3

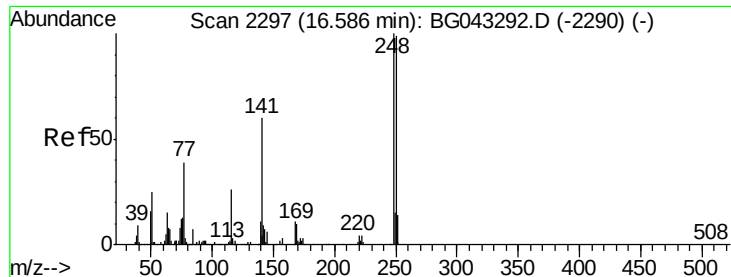


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

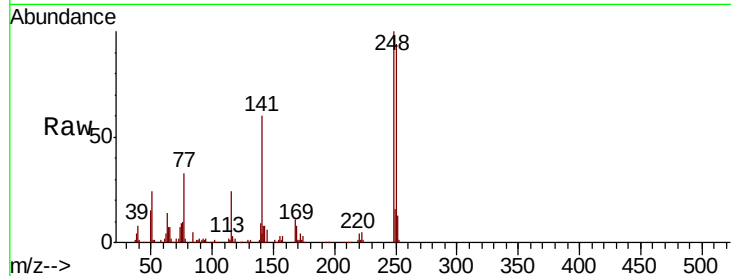




#67
4-Bromophenyl-phenylether
Concen: 34.373 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.4
141	59.5	47.5	71.3

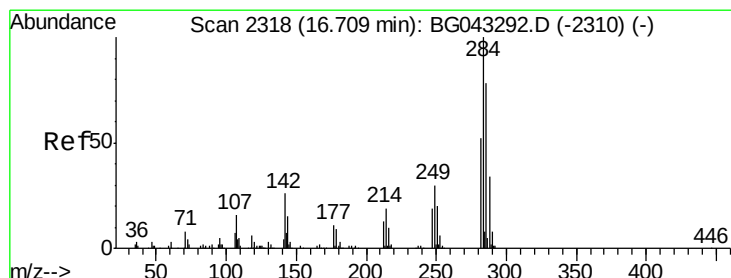
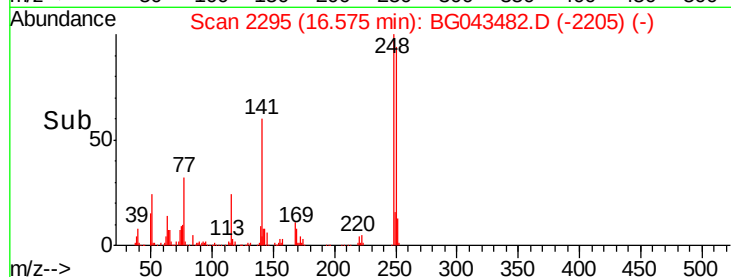
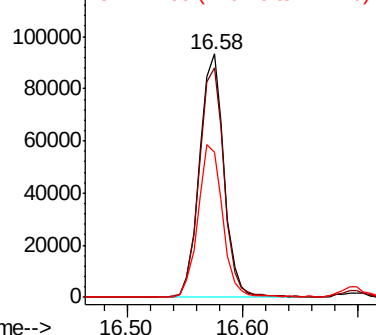


Abundance

Ion 248.00 (247.70 to 248.70): E

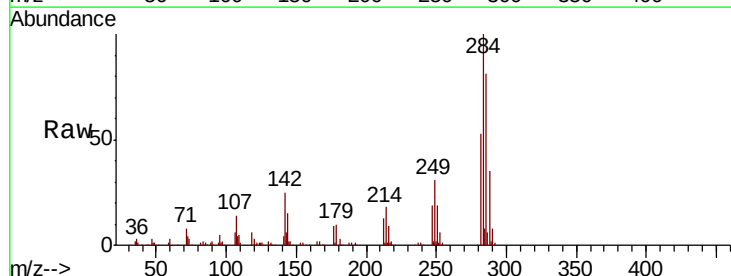
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.190 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	19.8	29.8
249	31.1	23.8	35.6

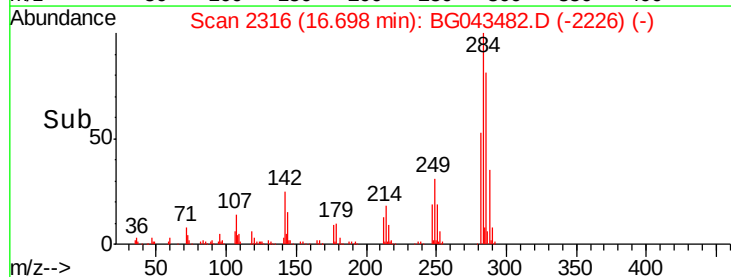
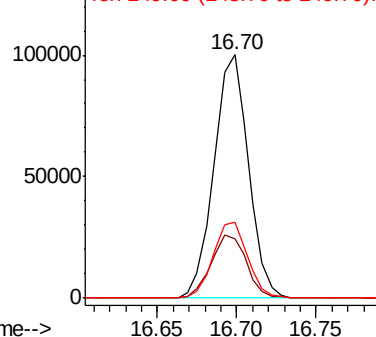


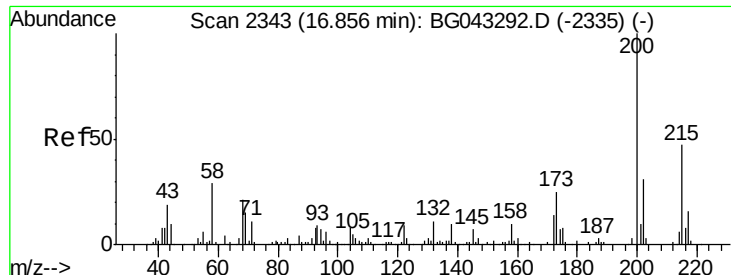
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

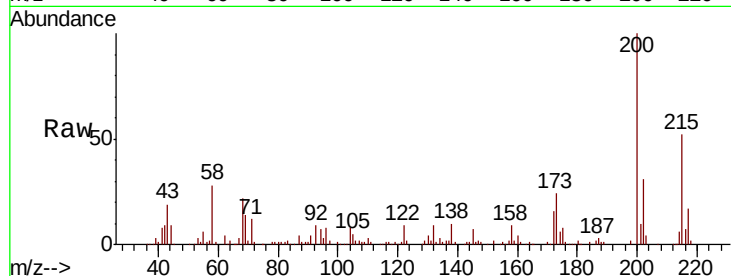




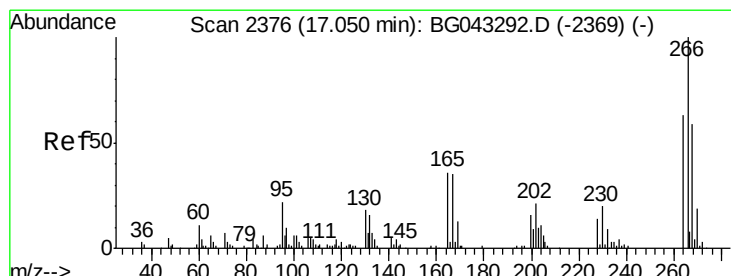
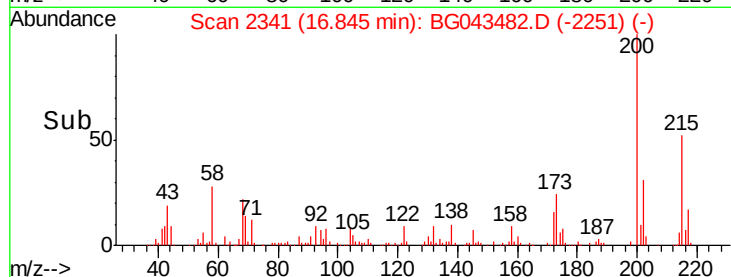
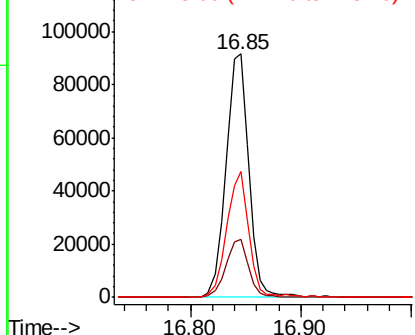
#69
Atrazine
Concen: 46.083 ng
RT: 16.85 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:200 Resp: 133361
Ion Ratio Lower Upper
200 100
173 23.7 4.7 44.7
215 51.6 28.5 68.5

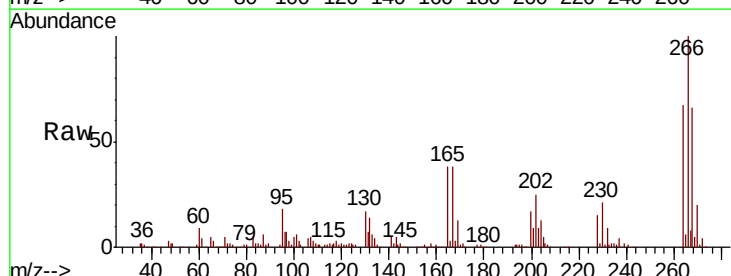


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

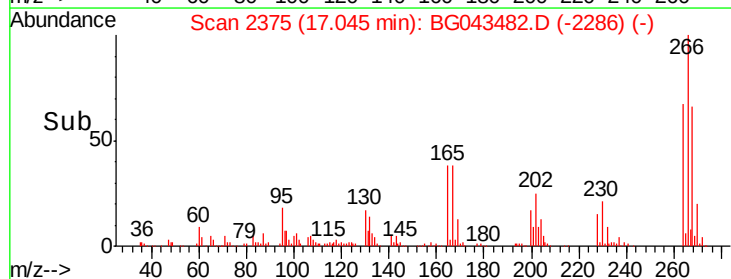
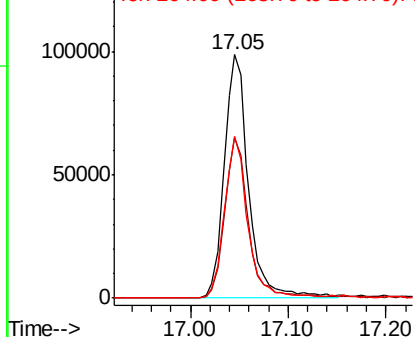


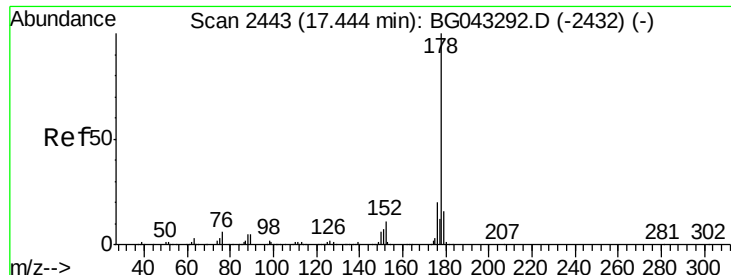
#70
Pentachlorophenol
Concen: 81.851 ng
RT: 17.05 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:266 Resp: 169959
Ion Ratio Lower Upper
266 100
268 66.1 50.4 75.6
264 66.6 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

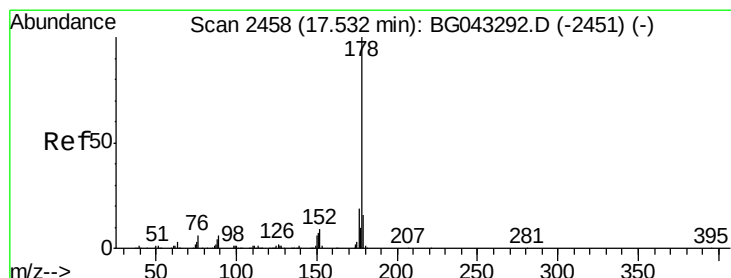
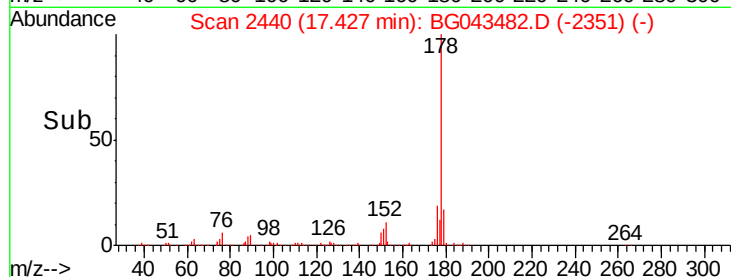
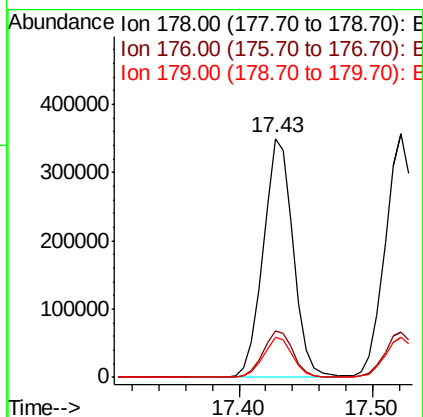
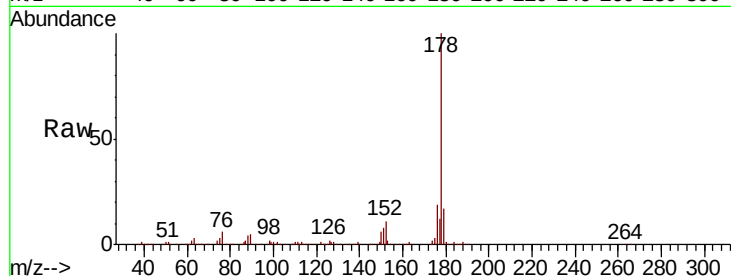




#71
Phenanthrene
Concen: 35.785 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

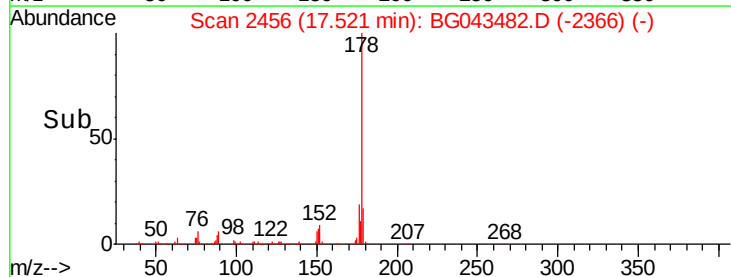
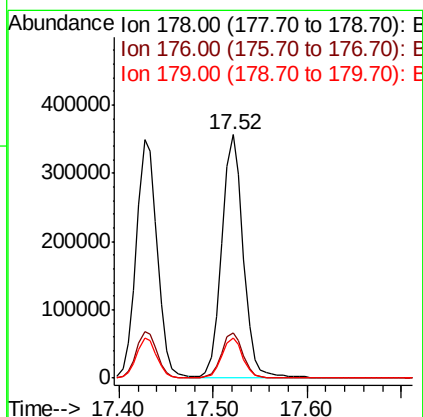
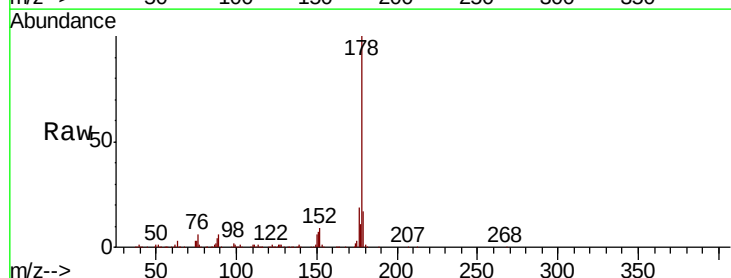
Instrument :
BNA_G
ClientSampled :

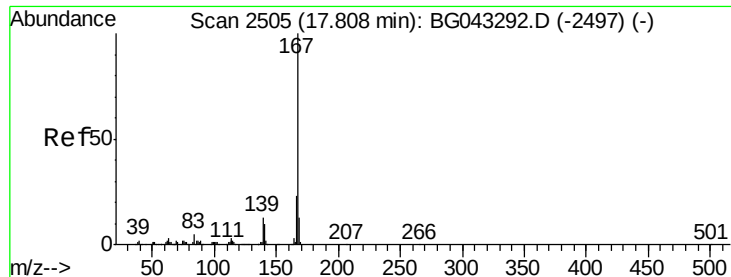
Tot Ion:178 Resp: 540566
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.8 13.0 19.6



#72
Anthracene
Concen: 37.586 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:178 Resp: 568064
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 16.7 13.7 20.5





#73

Carbazole

Concen: 38.300 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

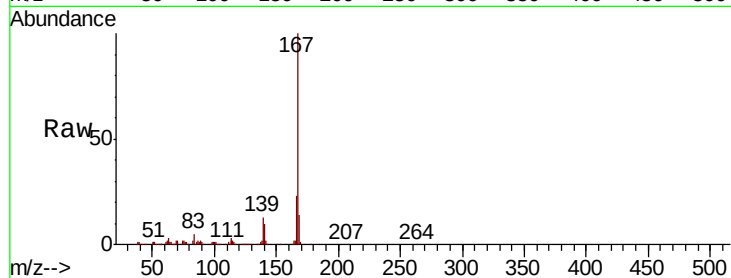
Tot Ion:167 Resp: 524188

Ion Ratio Lower Upper

167 100

166 22.9 18.7 28.1

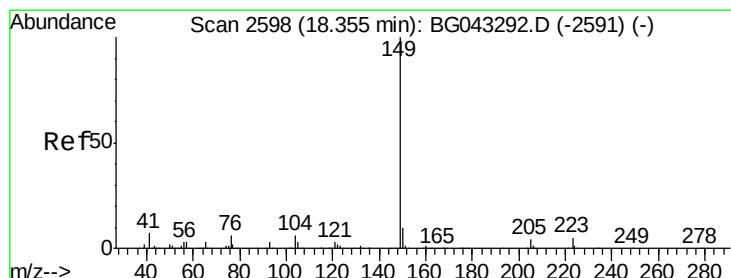
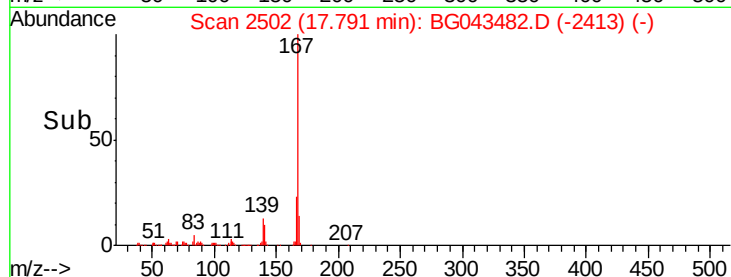
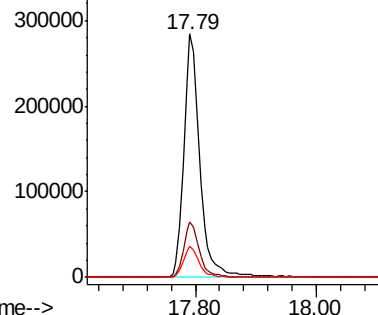
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.516 ng

RT: 18.34 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

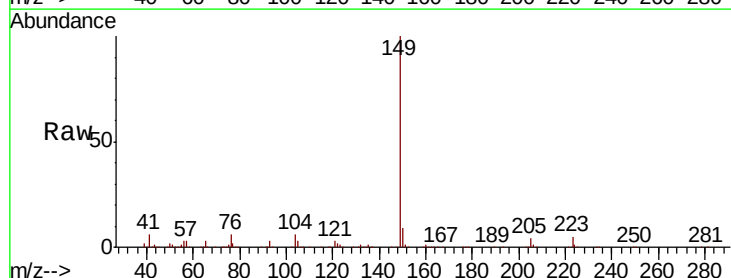
Tgt Ion:149 Resp: 606398

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

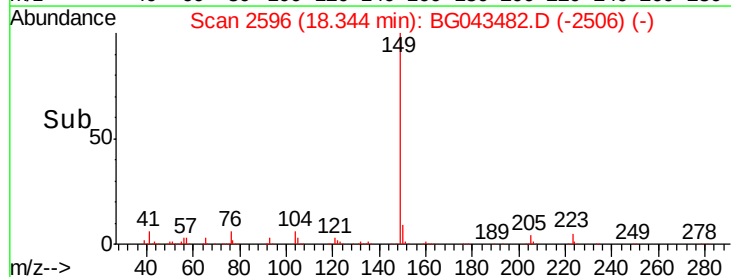
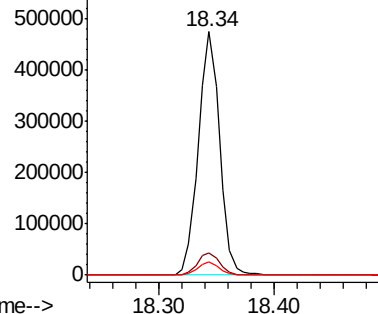
104 5.6 4.4 6.6

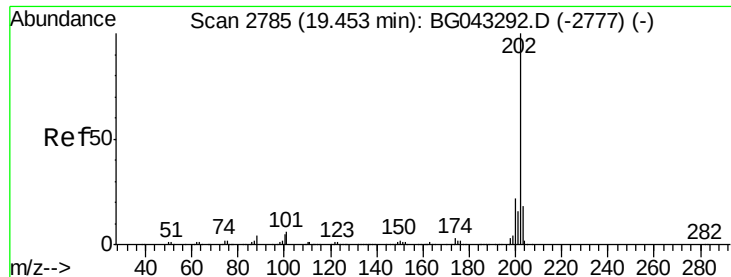


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.250 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG043482.D

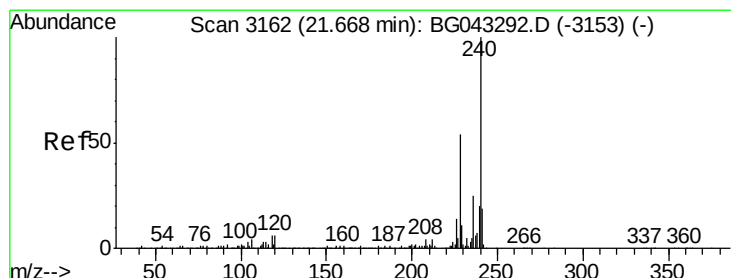
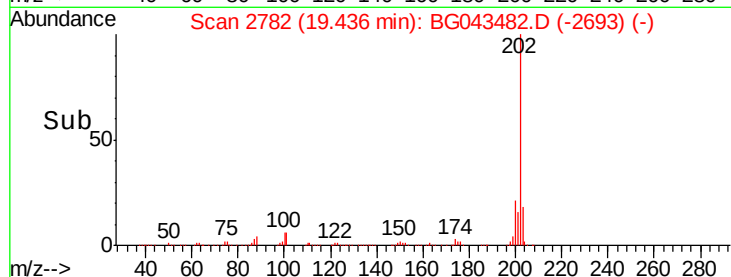
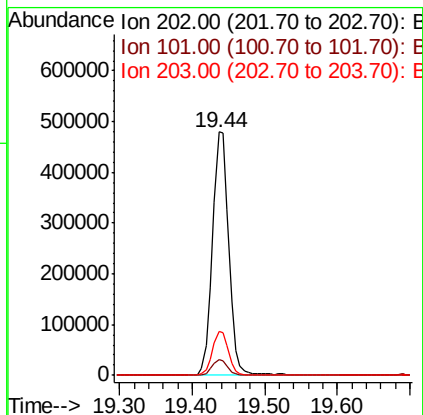
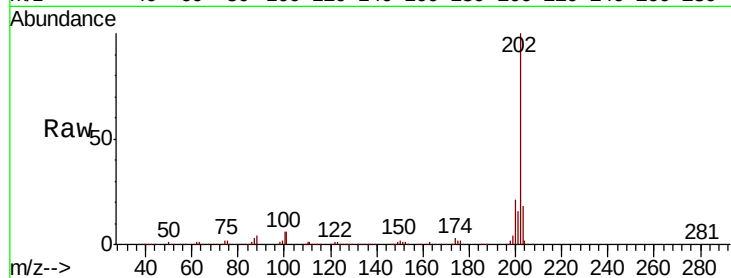
Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	753275
Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.3
203	18.1	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

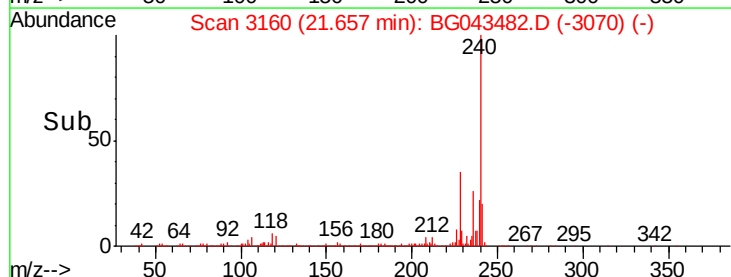
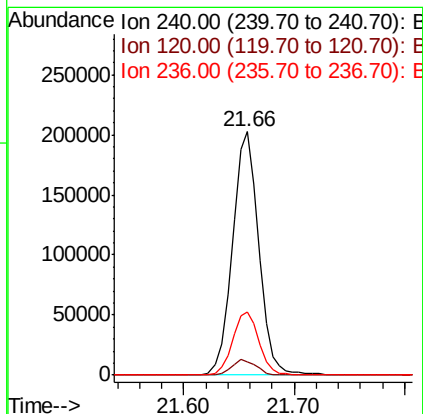
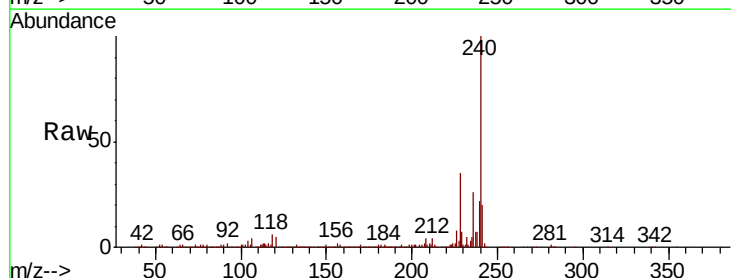
RT: 21.66 min Scan# 3160

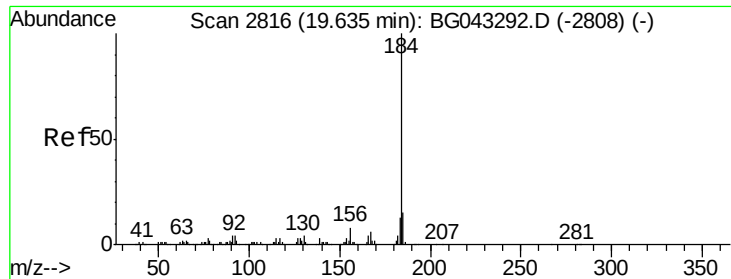
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	240	Resp:	338214
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	6.8
236	26.1	19.8	29.8





#77

Benzidine

Concen: 28.444 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampled :

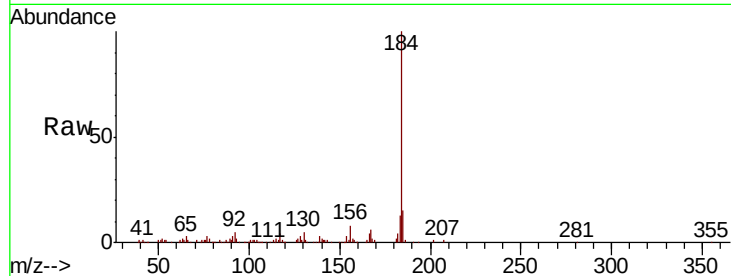
Tot Ion:184 Resp: 193611

Ion Ratio Lower Upper

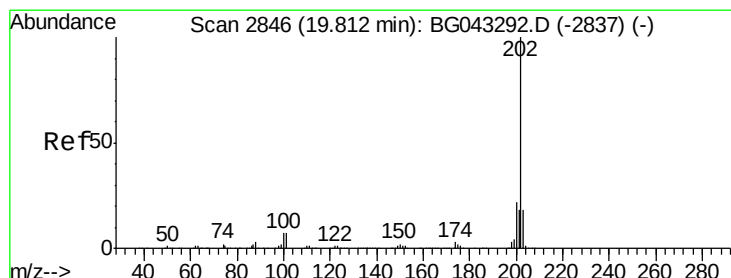
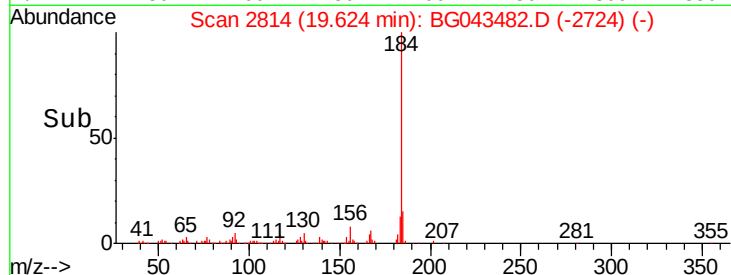
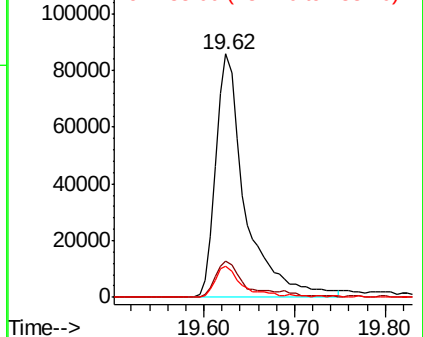
184 100

185 15.1 11.0 16.4

183 12.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.661 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

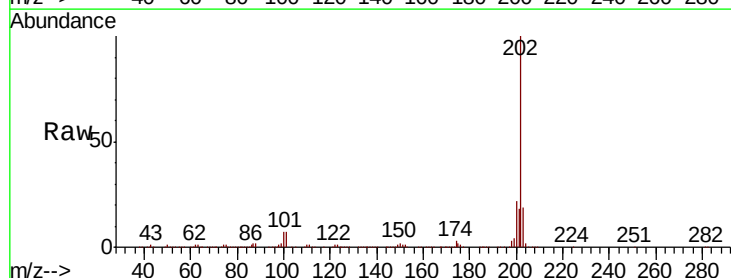
Tgt Ion:202 Resp: 746568

Ion Ratio Lower Upper

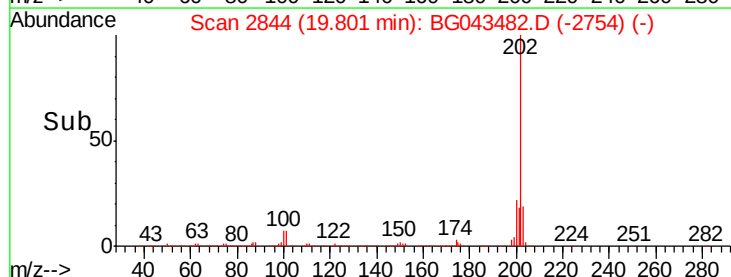
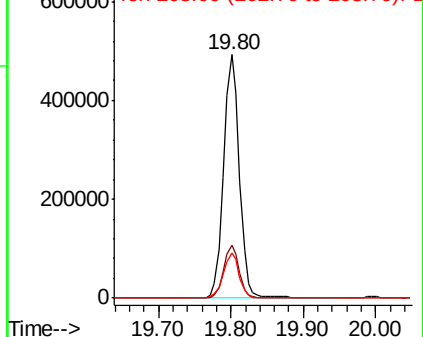
202 100

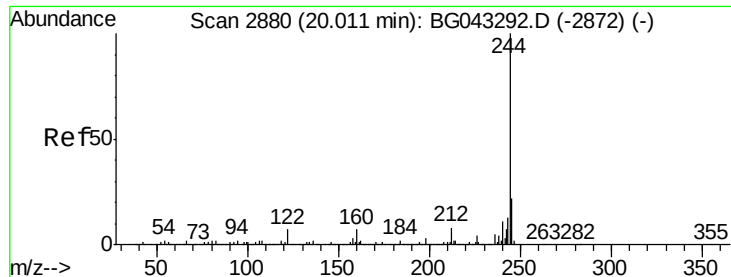
200 21.6 17.0 25.4

203 18.7 14.7 22.1



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





#79

Terphenyl-d14

Concen: 54.307 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampled :

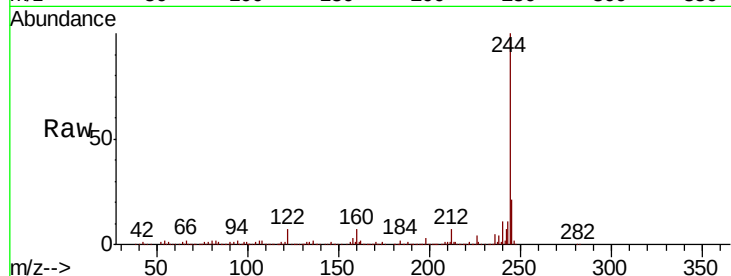
Tot Ion:244 Resp: 979039

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

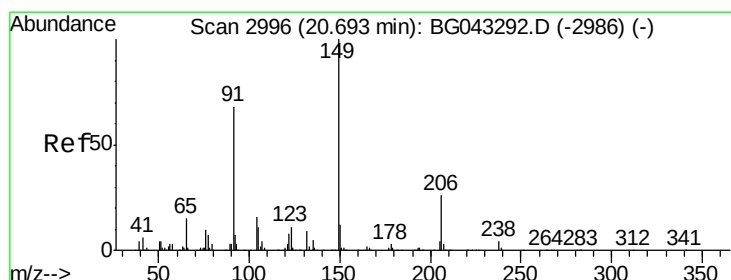
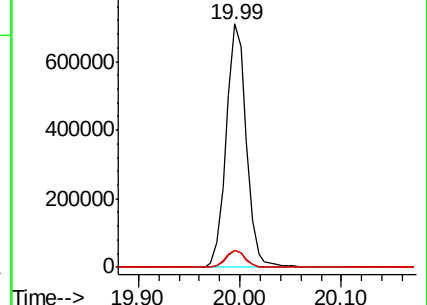
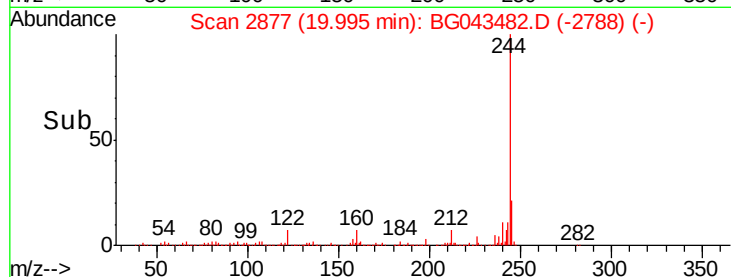
122 6.9 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.813 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

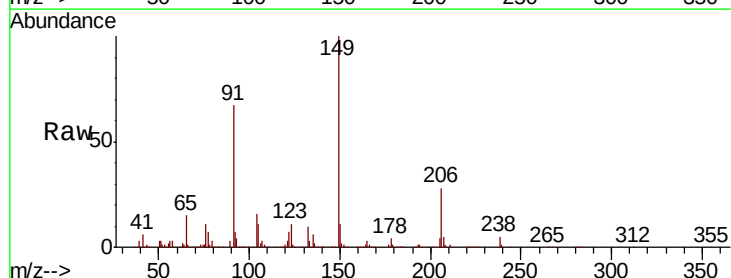
Tgt Ion:149 Resp: 284049

Ion Ratio Lower Upper

149 100

91 66.5 51.2 76.8

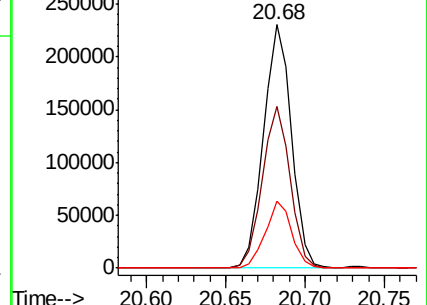
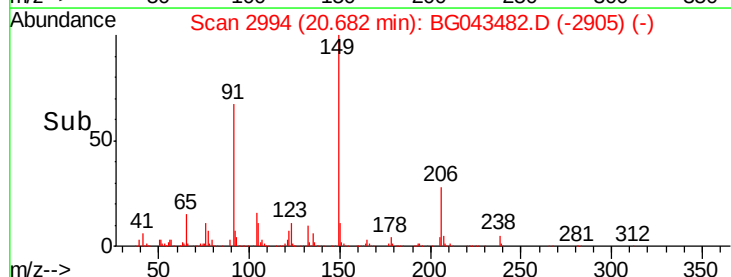
206 27.6 22.5 33.7

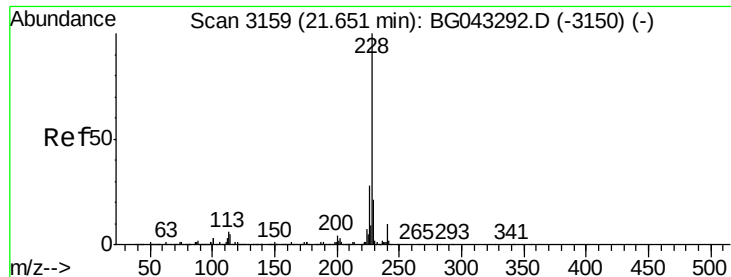


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.589 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

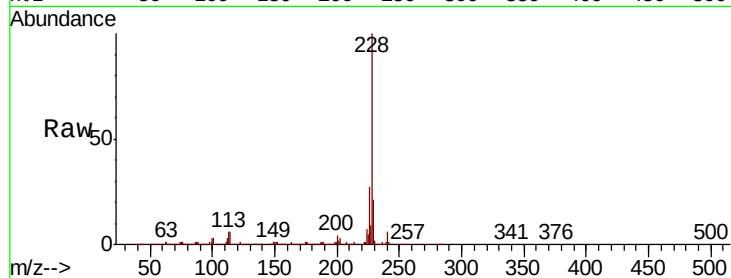
Tot Ion:228 Resp: 775152

Ion Ratio Lower Upper

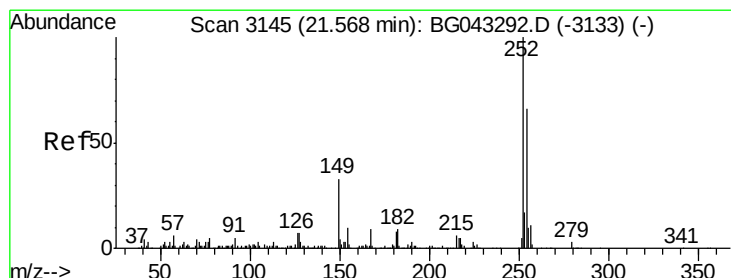
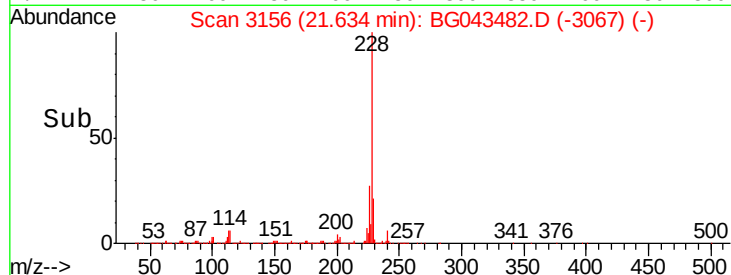
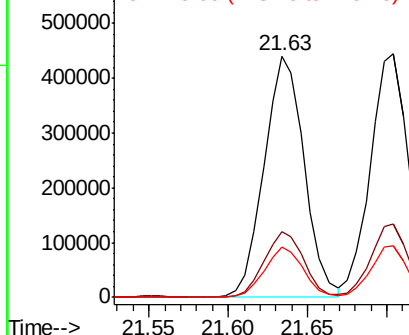
228 100

226 27.3 22.2 33.2

229 20.7 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.049 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

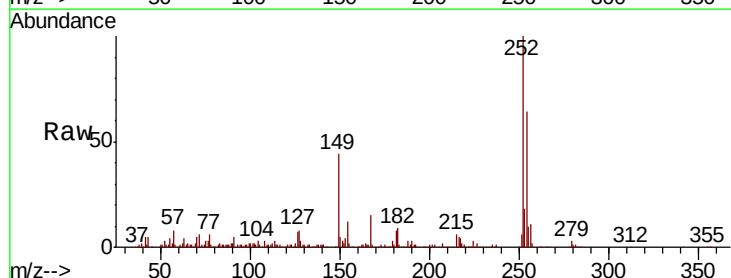
Tgt Ion:252 Resp: 270804

Ion Ratio Lower Upper

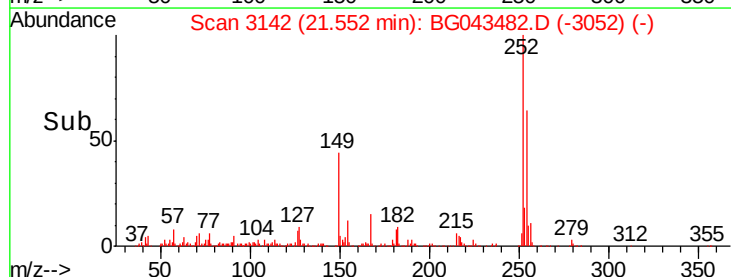
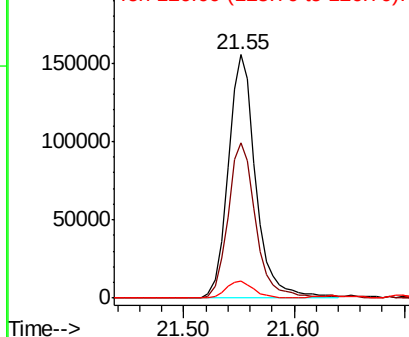
252 100

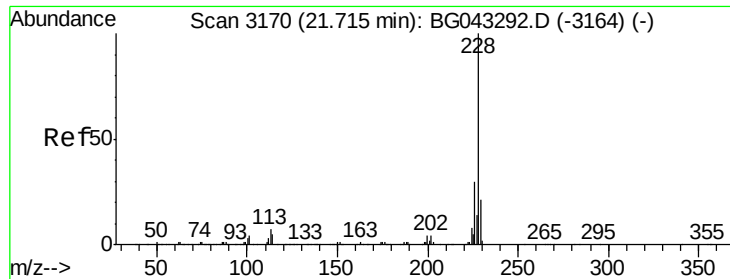
254 63.6 50.8 76.2

126 6.8 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.005 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

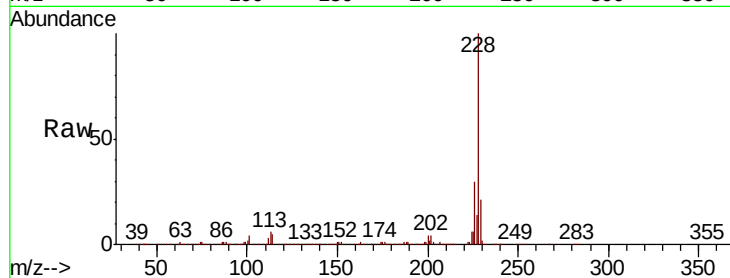
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 757886

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	21.0	17.0	25.4

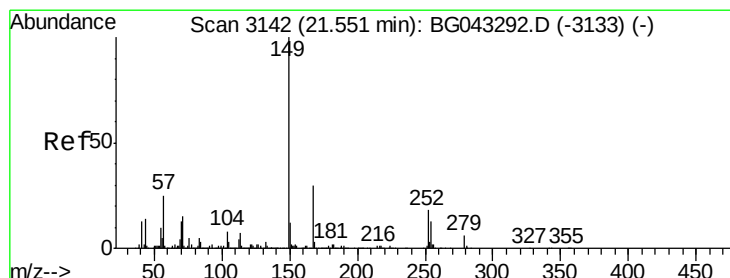
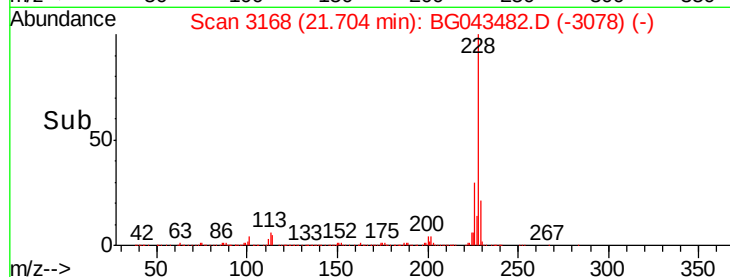
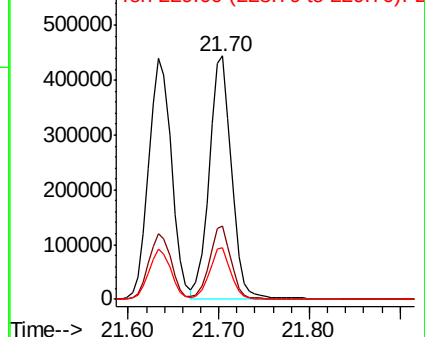


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.133 ng

RT: 21.53 min Scan# 3139

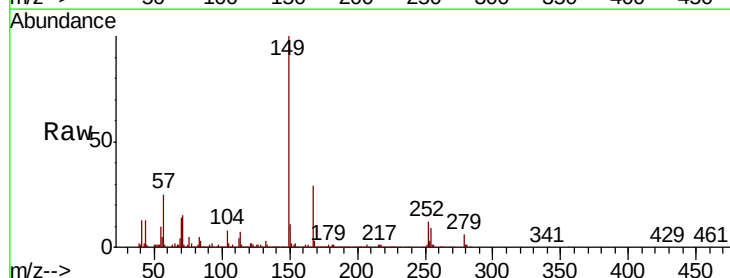
Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:149 Resp: 407102

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.0	36.0
279	6.1	5.4	8.2

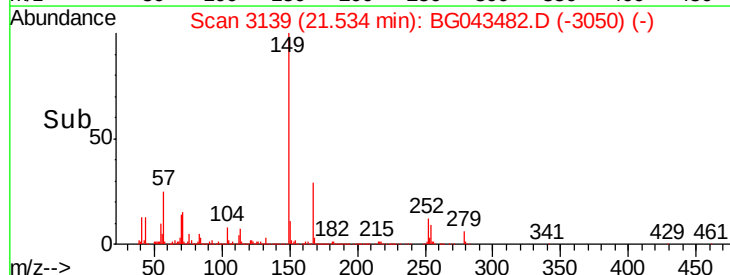
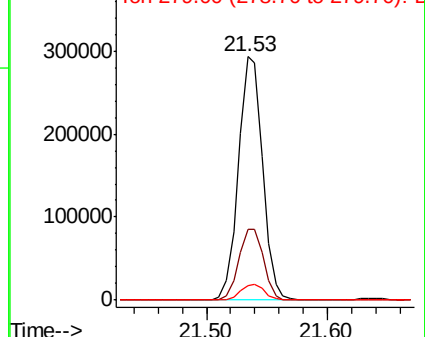


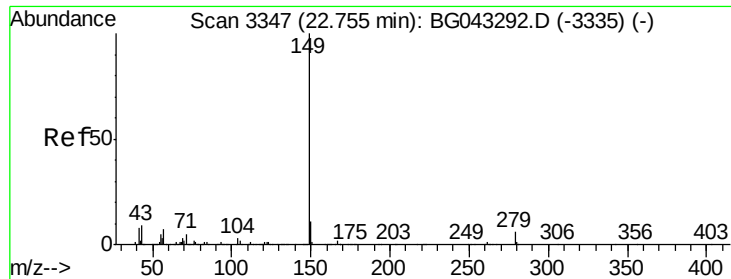
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

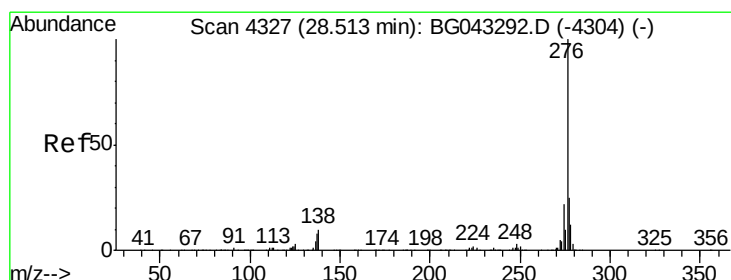
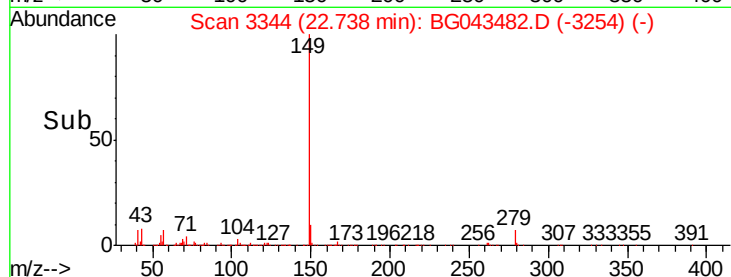
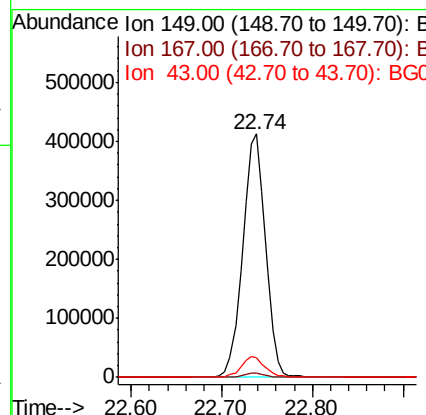
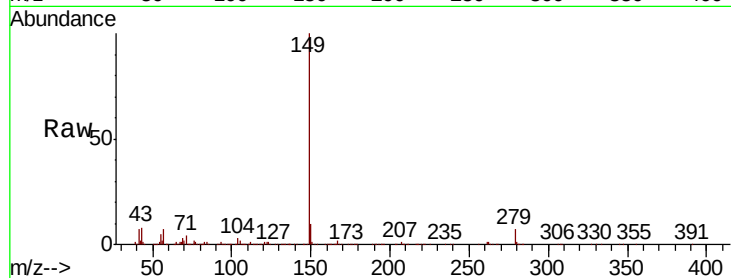




#85
Di-n-octyl phthalate
Concen: 37.521 ng
RT: 22.74 min Scan# 3344
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

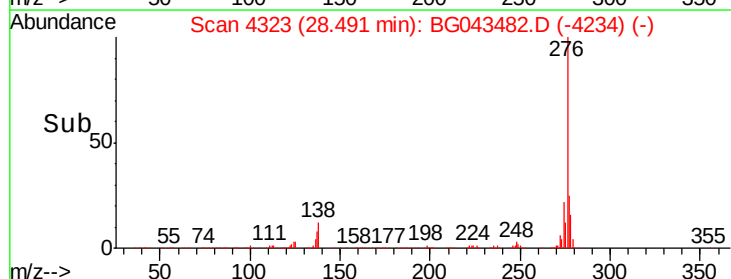
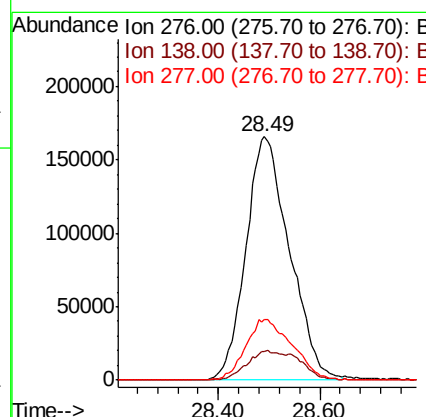
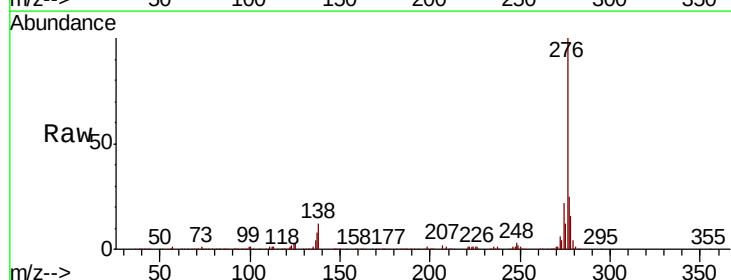
Instrument :
BNA_G
ClientSampled :

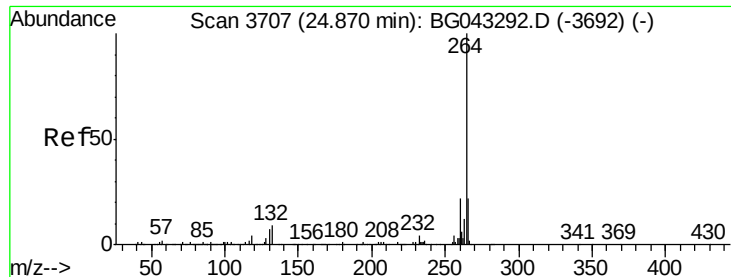
Tot Ion:149 Resp: 717205
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 8.6 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.424 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:276 Resp: 988833
Ion Ratio Lower Upper
276 100
138 9.9 6.8 10.2
277 26.5 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

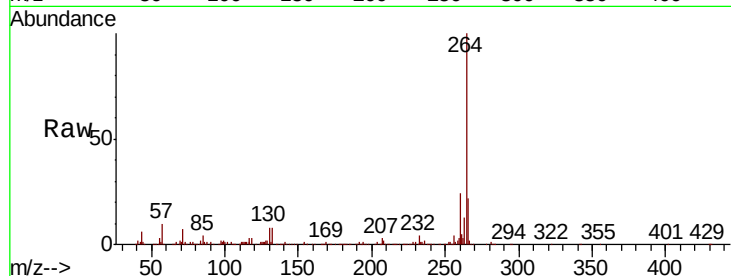
Tot Ion:264 Resp: 365501

Ion Ratio Lower Upper

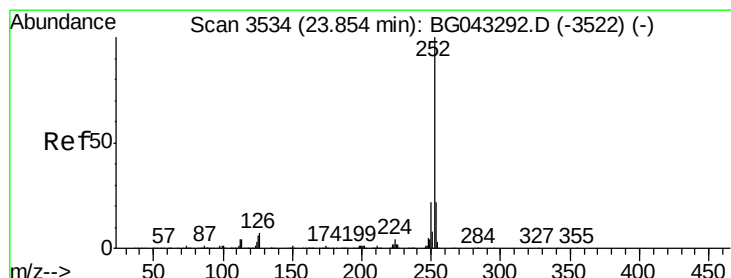
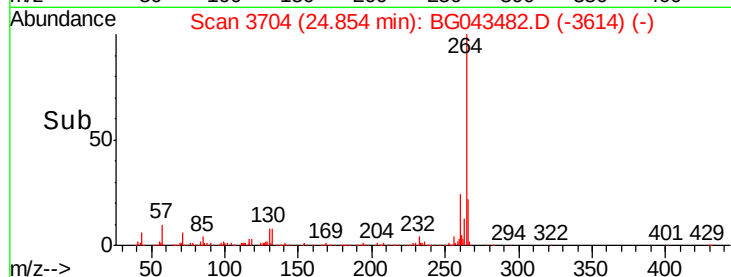
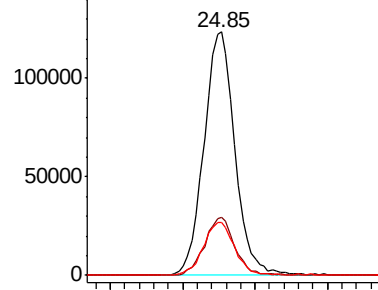
264 100

260 23.9 17.5 26.3

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.179 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

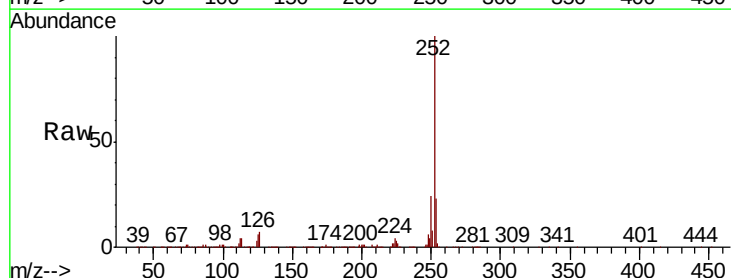
Tgt Ion:252 Resp: 831730

Ion Ratio Lower Upper

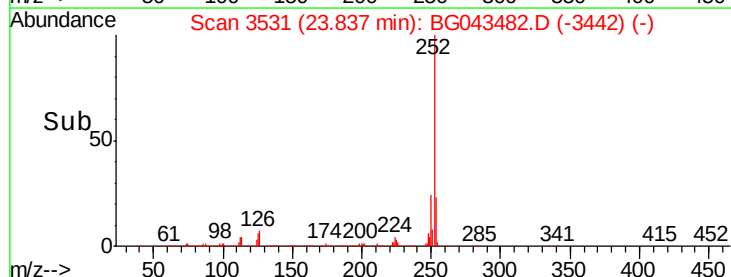
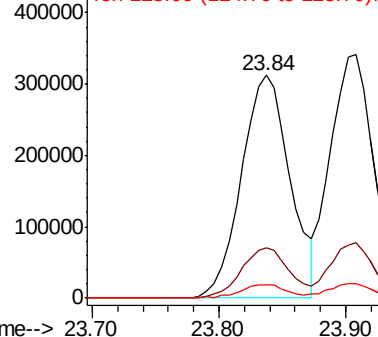
252 100

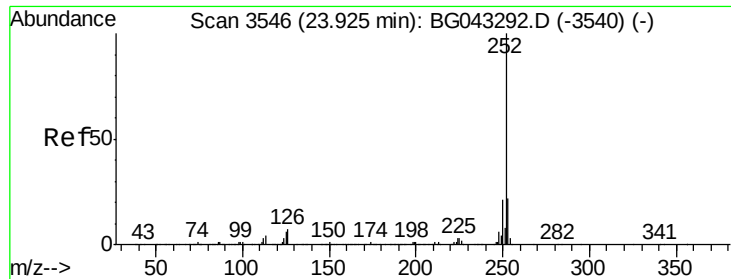
253 22.6 17.7 26.5

125 6.1 4.5 6.7



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

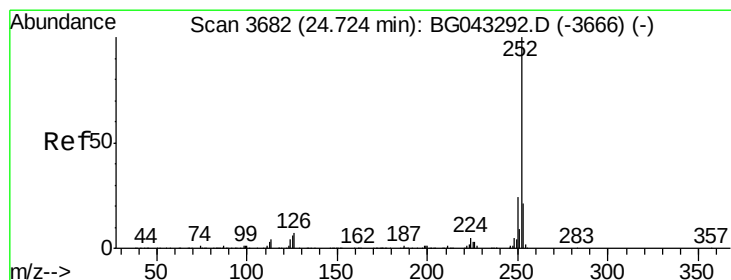
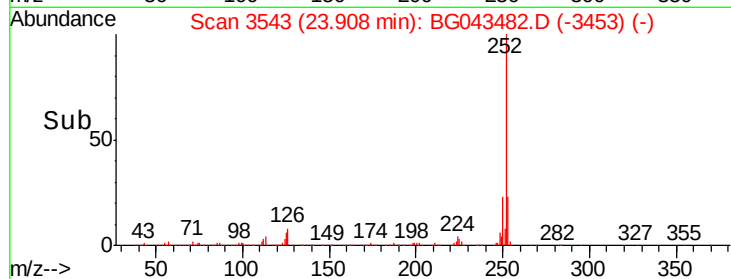
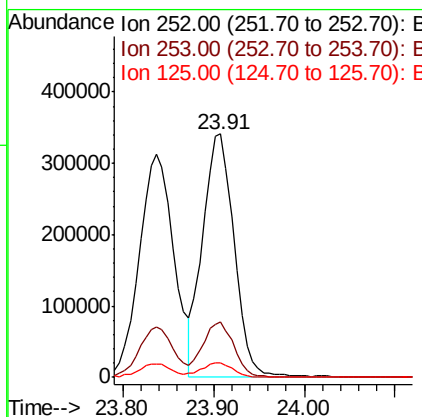
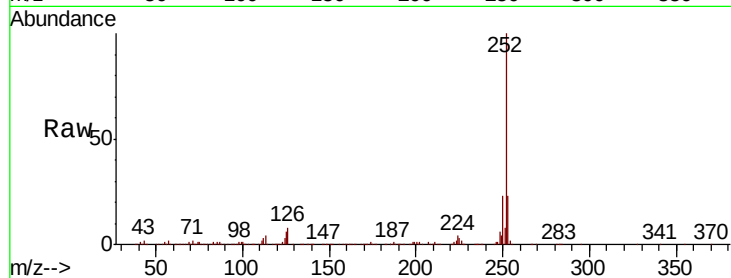




#89
Benzo(k)fluoranthene
Concen: 39.350 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

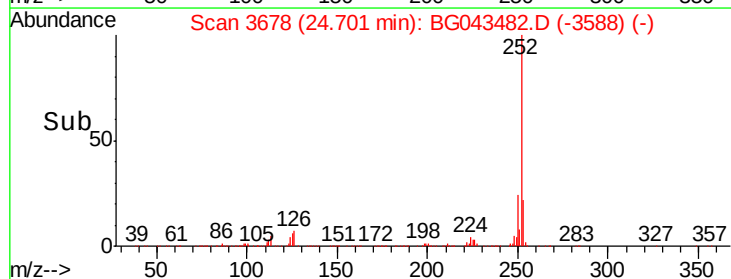
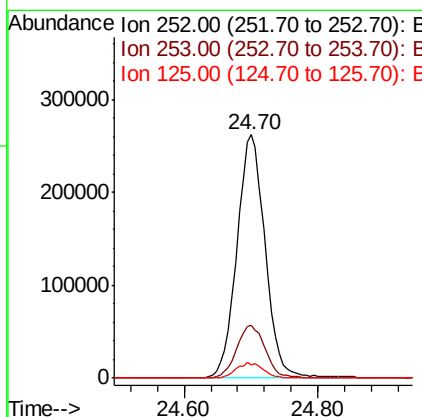
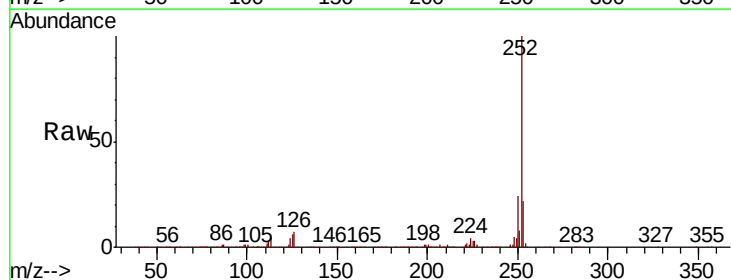
Instrument :
BNA_G
ClientSampled :

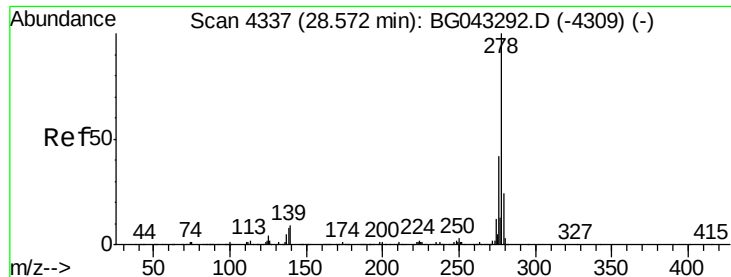
Tot Ion:252 Resp: 820049
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 6.0 4.6 6.8



#90
Benzo(a)pyrene
Concen: 38.605 ng
RT: 24.70 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:252 Resp: 763136
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 5.6 5.4 8.2

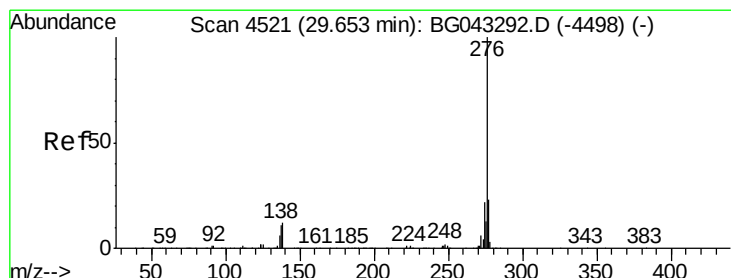
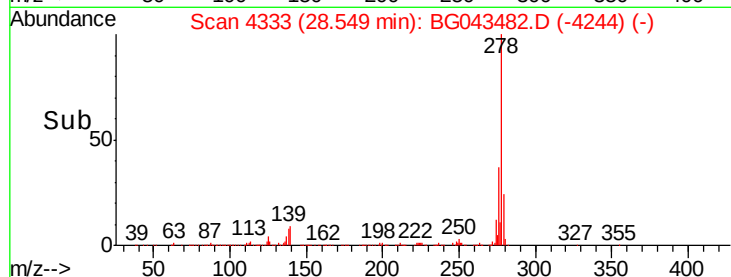
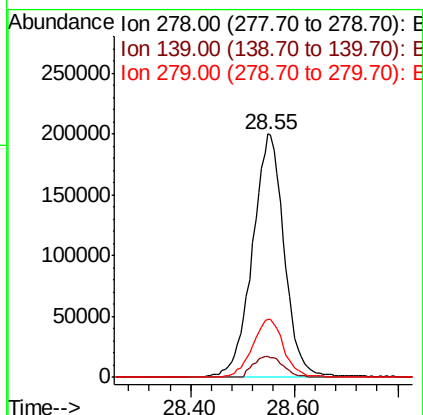
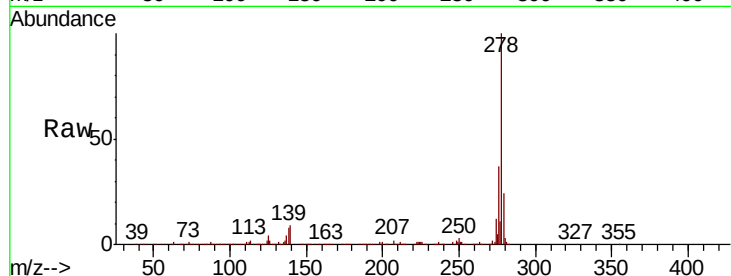




#91
Dibenzo(a,h)anthracene
Concen: 42.068 ng
RT: 28.55 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 850588
Ion Ratio Lower Upper
278 100
139 8.8 7.4 11.0
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.068 ng
RT: 29.63 min Scan# 4517
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:276 Resp: 839029
Ion Ratio Lower Upper
276 100
277 25.2 18.9 28.3
138 12.1 8.9 13.3

