

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043252.D
 Acq On : 16 Oct 2019 19:36
 Operator : JU
 Sample : K5374-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Quant Time: Oct 17 01:54:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54293	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	196719	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	136483	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	322191	20.00	ng	0.00
76) Chrysene-d12	21.70	240	347353	20.00	ng	0.00
87) Perylene-d12	24.93	264	408472	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	329285	108.24	ng	0.00
7) Phenol-d6	7.23	99	461540	105.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	279820	69.14	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	276013	117.61	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	690922	73.39	ng	0.00
79) Terphenyl-d14	20.03	244	1249967	76.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	40900	32.245	ng	87
3) Pyridine	3.92	79	98829	27.702	ng	92
4) n-Nitrosodimethylamine	3.84	42	63525	37.028	ng	# 94
6) Aniline	7.38	93	154879	29.286	ng	98
8) 2-Chlorophenol	7.62	128	137699	43.401	ng	97
9) Benzaldehyde	7.19	77	75092	28.050	ng	92
10) Phenol	7.26	94	178421	44.389	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	114904	36.947	ng	91
12) 1,3-Dichlorobenzene	7.94	146	151181	37.353	ng	97
13) 1,4-Dichlorobenzene	8.09	146	153106	37.947	ng	98
14) 1,2-Dichlorobenzene	8.41	146	144710	37.673	ng	93
15) Benzyl Alcohol	8.29	79	124112	37.680	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162902	27.275	ng	94
17) 2-Methylphenol	8.50	107	116277	41.343	ng	97
18) Hexachloroethane	9.14	117	55152	36.296	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	101714	35.358	ng	89
20) 3+4-Methylphenols	8.83	107	151316	39.260	ng	98
22) Acetophenone	8.87	105	196611	38.773	ng	# 96
24) Nitrobenzene	9.25	77	151565	39.261	ng	96
25) Isophorone	9.78	82	283468	39.873	ng	97
26) 2-Nitrophenol	9.97	139	76977	46.840	ng	94
27) 2,4-Dimethylphenol	10.03	122	125031	49.540	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	152473	37.801	ng	94
29) 2,4-Dichlorophenol	10.51	162	142050	45.255	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	161331	39.801	ng	99
31) Naphthalene	10.91	128	413796	42.731	ng	98
32) Benzoic acid	10.18	122	63791	34.694	ng	91
33) 4-Chloroaniline	11.02	127	72592	17.275	ng	# 93
34) Hexachlorobutadiene	11.19	225	117282	38.643	ng	96
35) Caprolactam	11.79	113	20864	18.849	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	151255	44.319	ng	93
37) 2-Methylnaphthalene	12.51	142	314647	42.592	ng	98
38) 1-Methylnaphthalene	12.73	142	295792	42.315	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	205549	40.055	ng	99

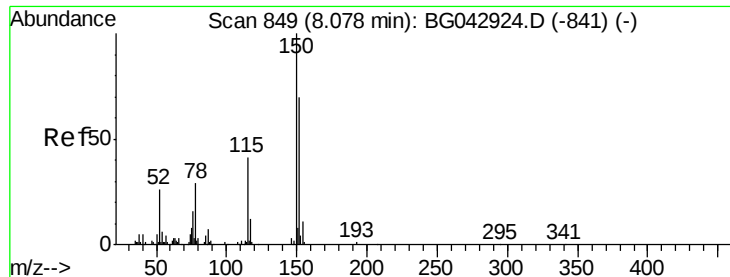
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	283144	86.597	nq	95
43) 2,4,6-Trichlorophenol	13.11	196	132968	44.270	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	141580	45.757	nq	96
46) 1,1'-Biphenyl	13.51	154	420419	40.620	nq	97
47) 2-Chloronaphthalene	13.56	162	325242	41.913	nq	97
48) 2-Nitroaniline	13.76	65	99793	38.671	nq	90
49) Acenaphthylene	14.40	152	534089	44.980	nq	99
50) Dimethylphthalate	14.13	163	572860	56.019	nq	98
51) 2,6-Dinitrotoluene	14.25	165	98966	45.444	nq	92
52) Acenaphthene	14.74	154	316130	39.776	nq	99
53) 3-Nitroaniline	14.58	138	60418	26.846	nq	# 94
54) 2,4-Dinitrophenol	14.79	184	122777	90.701	nq	96
55) Dibenzofuran	15.08	168	511472	43.503	nq	97
56) 4-Nitrophenol	14.91	139	145740	84.990	nq	95
57) 2,4-Dinitrotoluene	15.04	165	137011	42.963	nq	96
58) Fluorene	15.72	166	429461	42.785	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	142542	43.267	nq	# 99
60) Diethylphthalate	15.49	149	415965	39.969	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	245474	40.777	nq	99
62) 4-Nitroaniline	15.75	138	100110	40.786	nq	98
63) Azobenzene	16.01	77	362212	38.228	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	91291	50.073	nq	91
66) n-Nitrosodiphenylamine	15.93	169	378765	44.532	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	172584	42.679	nq	96
68) Hexachlorobenzene	16.73	284	198102	43.998	nq	98
69) Atrazine	16.88	200	145393	40.595	nq	98
70) Pentachlorophenol	17.08	266	231447	89.085	nq	97
71) Phenanthrene	17.47	178	687498	43.708	nq	98
72) Anthracene	17.56	178	705462	44.925	nq	99
73) Carbazole	17.83	167	641876	44.080	nq	98
74) Di-n-butylphthalate	18.38	149	724726	41.714	nq	100
75) Fluoranthene	19.47	202	912679	43.868	nq	98
77) Benzidine	19.66	184	427950	49.205	nq	99
78) Pyrene	19.84	202	917948	44.276	nq	100
80) Butylbenzylphthalate	20.72	149	330134	41.951	nq	96
81) Benzo(a)anthracene	21.68	228	920105	42.512	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	256821	30.254	nq	99
83) Chrysene	21.75	228	890246	42.386	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	471722	42.127	nq	96
85) Di-n-octyl phthalate	22.79	149	811974	44.344	nq	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1191389	45.565	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	984724	42.606	nq	99
89) Benzo(k)fluoranthene	23.97	252	981196	42.913	nq	98
90) Benzo(a)pyrene	24.78	252	975854	44.752	nq	99
91) Dibenzo(a,h)anthracene	28.68	278	1006959	45.034	nq	99
92) Benzo(g,h,i)perylene	29.77	276	994082	45.884	nq	100

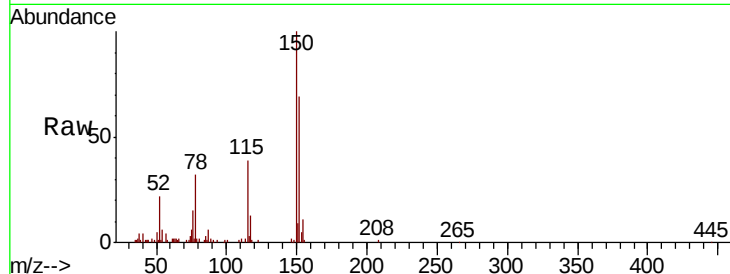
(#) = qualifier out of range (m) = manual integration (+) = signals summed



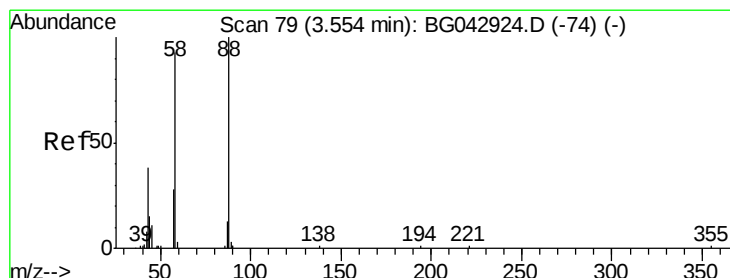
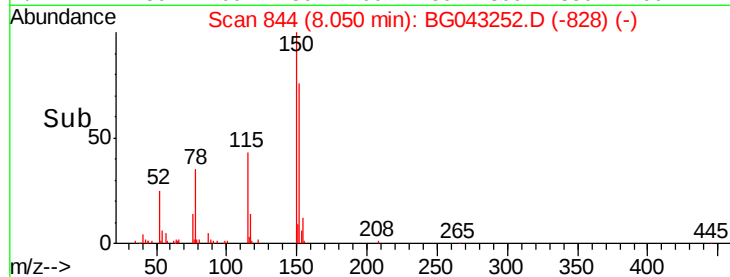
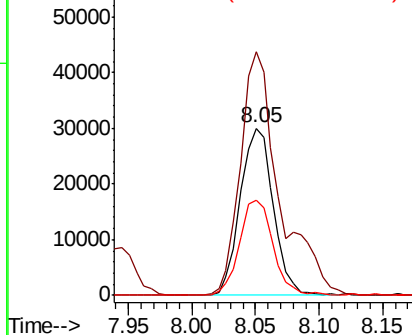
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion:152 Resp: 54293
 Ion Ratio Lower Upper
 152 100
 150 145.6 115.0 172.4
 115 56.9 47.0 70.6

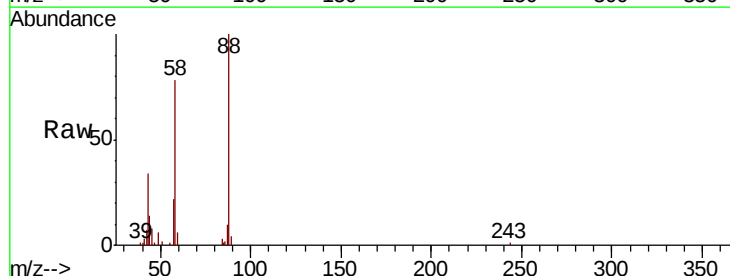


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

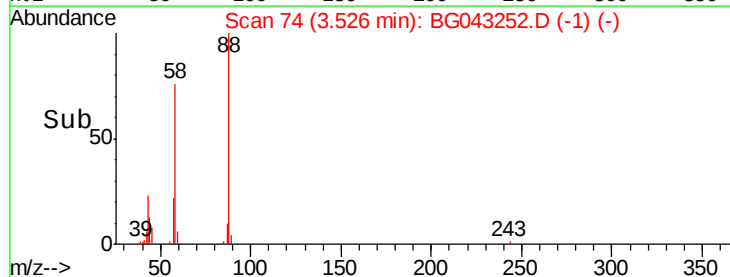
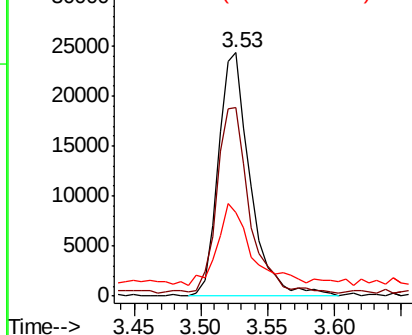


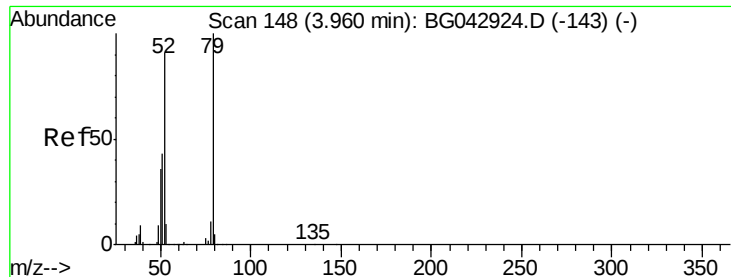
#2
 1,4-Dioxane
 Concen: 32.245 ng
 RT: 3.53 min Scan# 74
 Delta R.T. -0.01 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion: 88 Resp: 40900
 Ion Ratio Lower Upper
 88 100
 58 77.5 74.3 111.5
 43 34.5 29.8 44.8



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: 27.702 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

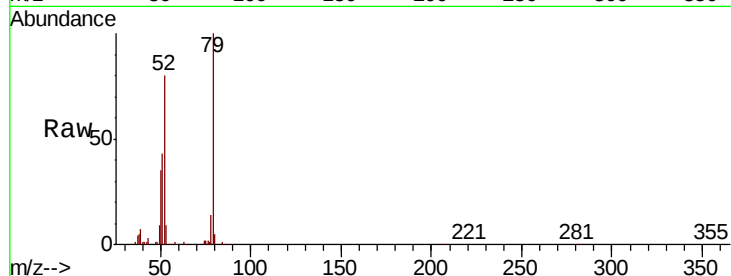
Tot Ion: 79 Resp: 98829

Ion Ratio Lower Upper

79 100

52 80.4 73.0 109.4

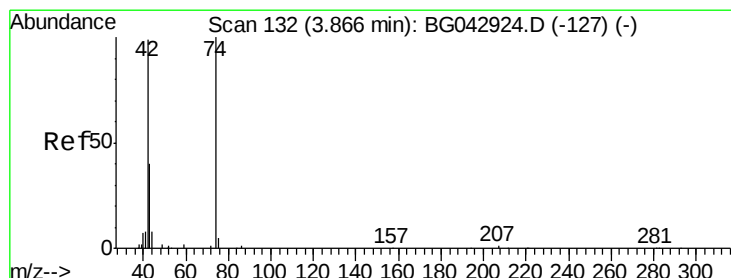
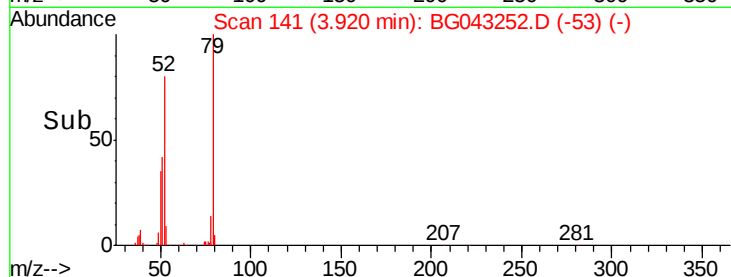
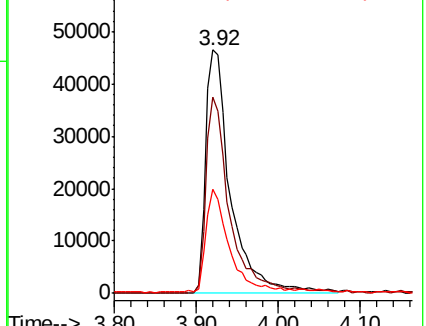
51 42.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.028 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

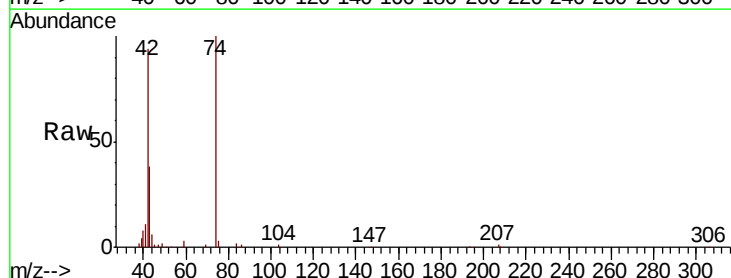
Tgt Ion: 42 Resp: 63525

Ion Ratio Lower Upper

42 100

74 106.9 80.5 120.7

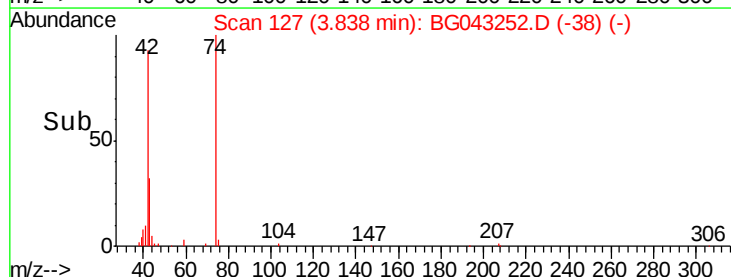
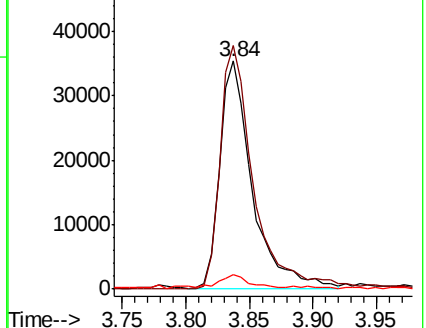
44 6.4 6.9 10.3#

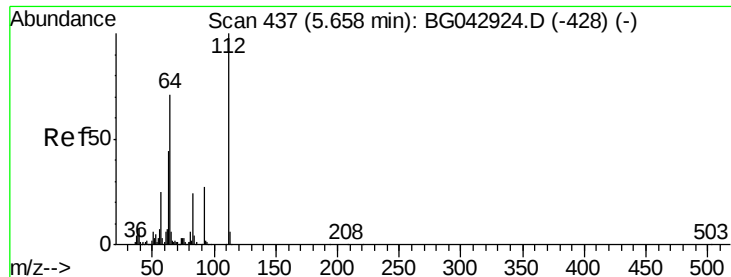


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.237 ng

RT: 5.64 min Scan# 433

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

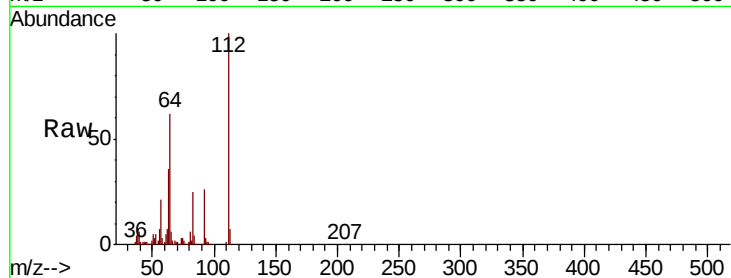
Tot Ion:112 Resp: 329285

Ion Ratio Lower Upper

112 100

64 62.0 56.6 84.8

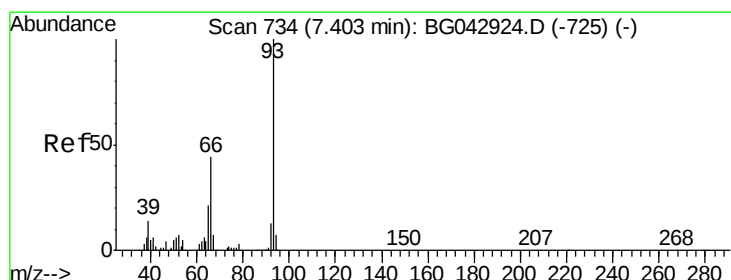
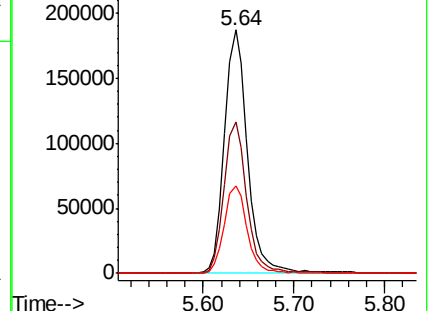
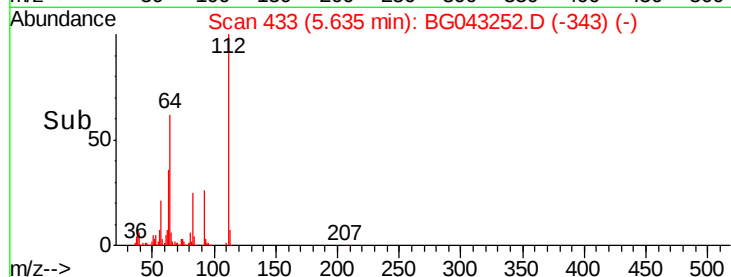
63 35.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.286 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

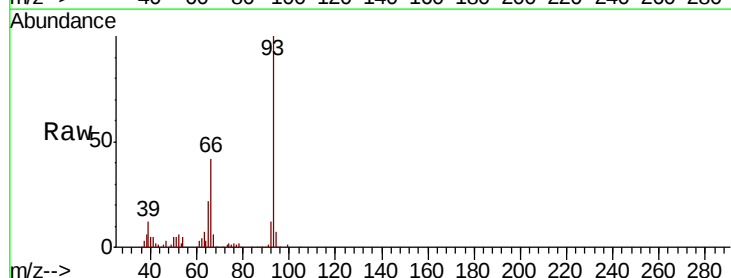
Tgt Ion: 93 Resp: 154879

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.6

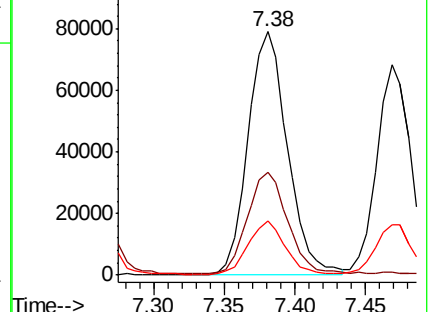
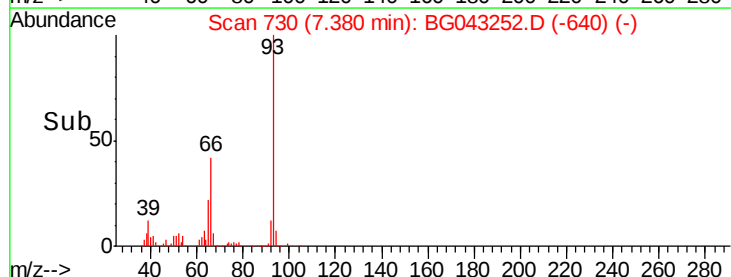
65 22.0 17.4 26.0

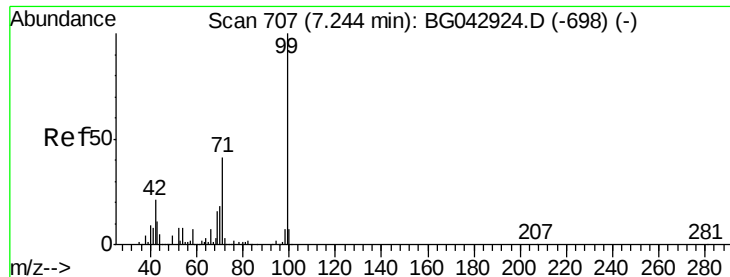


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.349 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

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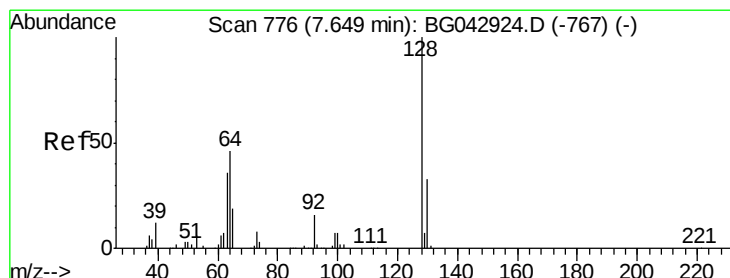
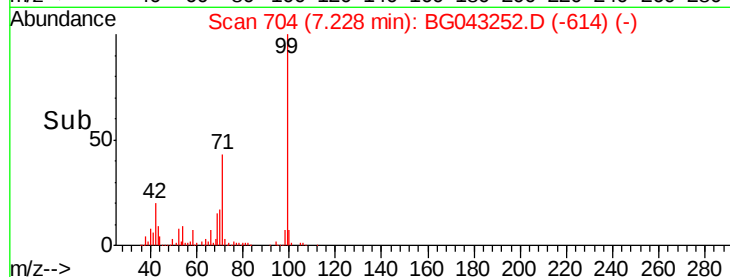
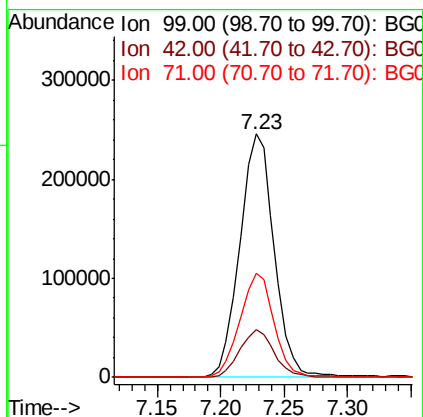
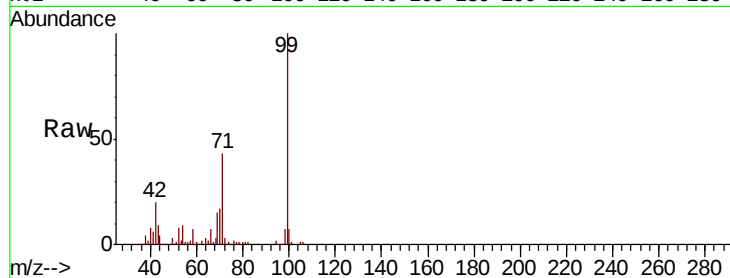
Tot Ion: 99 Resp: 461540

Ion Ratio Lower Upper

99 100

42 19.6 17.2 25.8

71 42.8 33.1 49.7



#8

2-Chlorophenol

Concen: 43.401 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

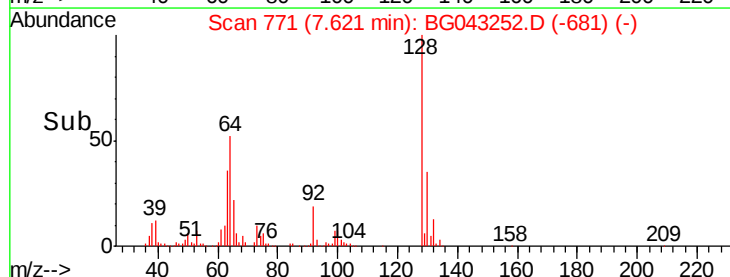
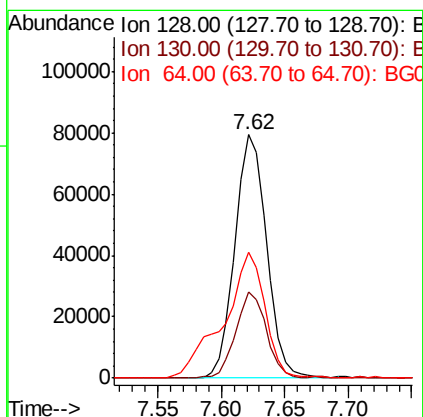
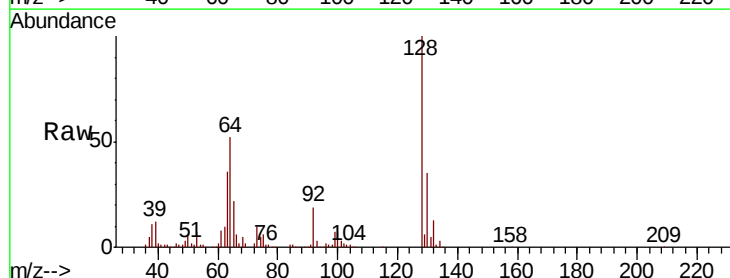
Tgt Ion:128 Resp: 137699

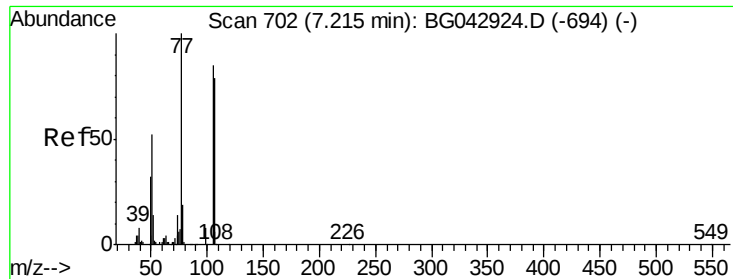
Ion Ratio Lower Upper

128 100

130 35.4 12.5 52.5

64 51.9 32.8 72.8





#9

Benzaldehyde

Concen: 28.050 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

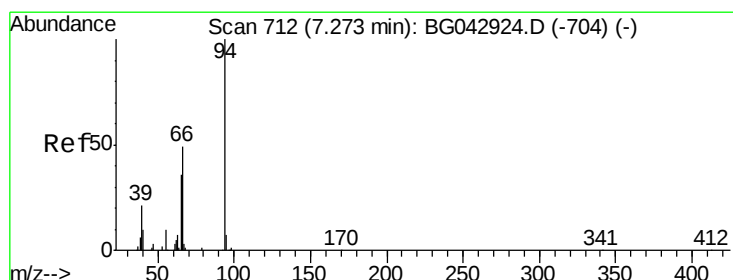
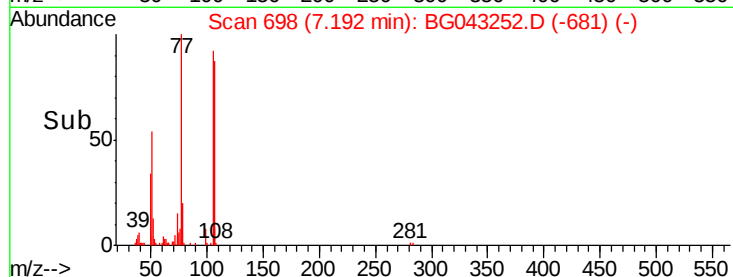
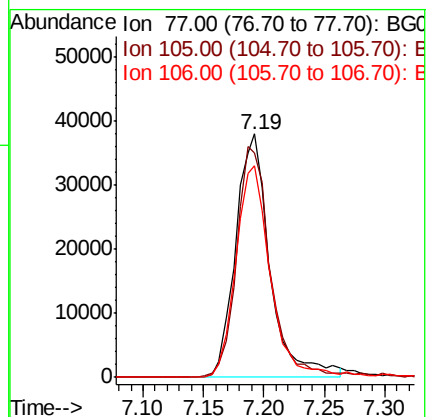
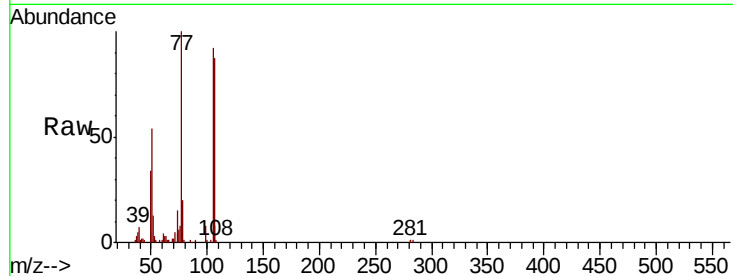
Tot Ion: 77 Resp: 75092

Ion Ratio Lower Upper

77 100

105 92.3 64.6 104.6

106 86.7 59.4 99.4



#10

Phenol

Concen: 44.389 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

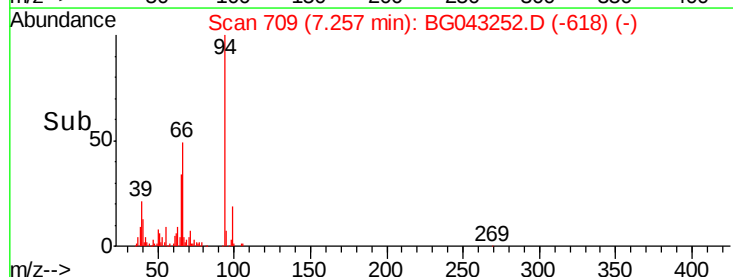
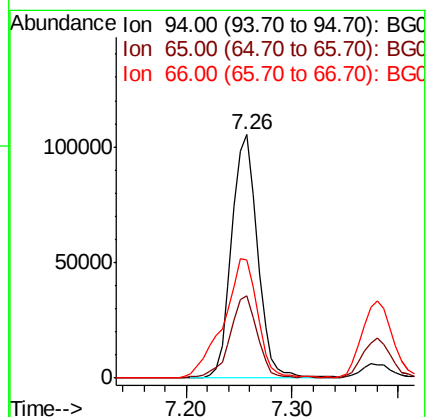
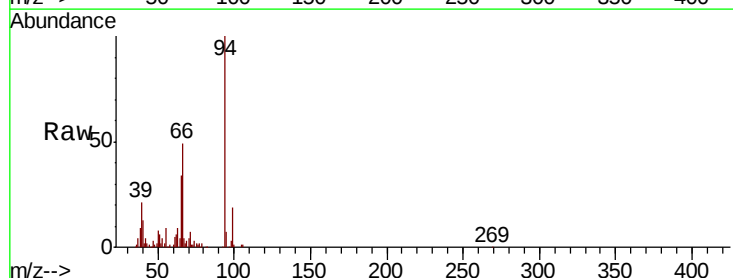
Tgt Ion: 94 Resp: 178421

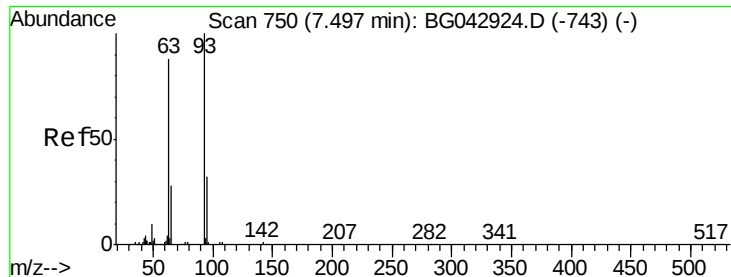
Ion Ratio Lower Upper

94 100

65 33.8 16.6 56.6

66 48.7 32.4 72.4

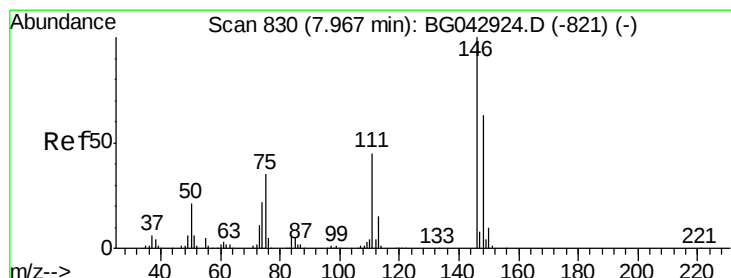
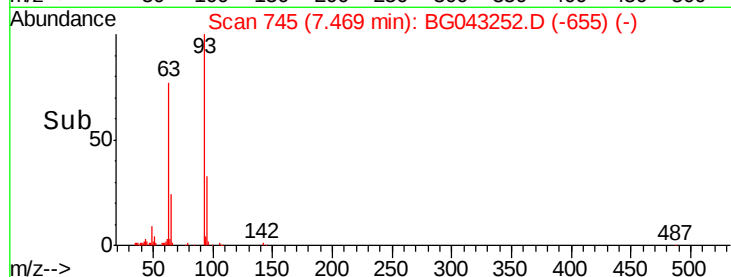
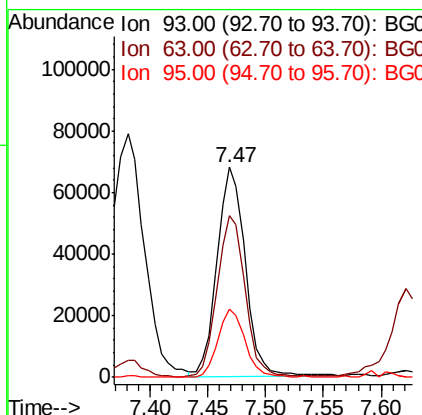
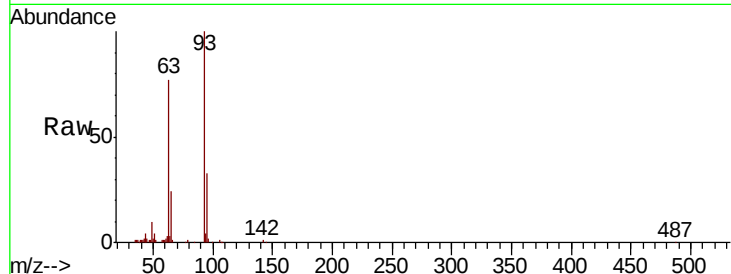




#11
 bis(2-Chloroethyl)ether
 Concen: 36.947 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

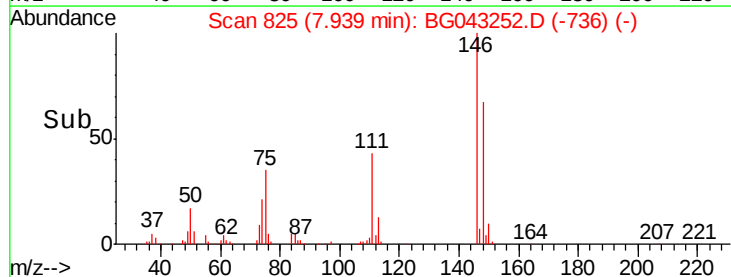
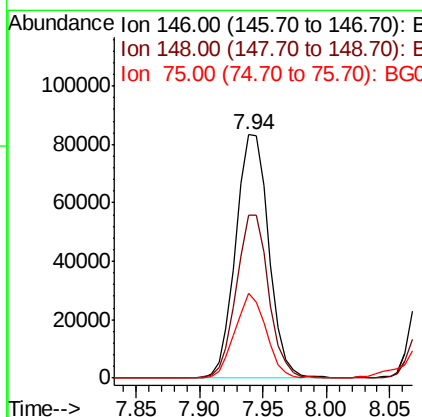
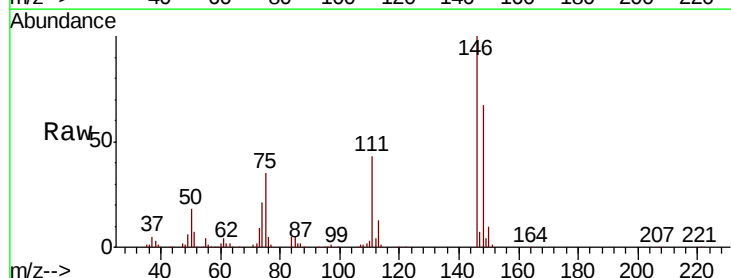
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

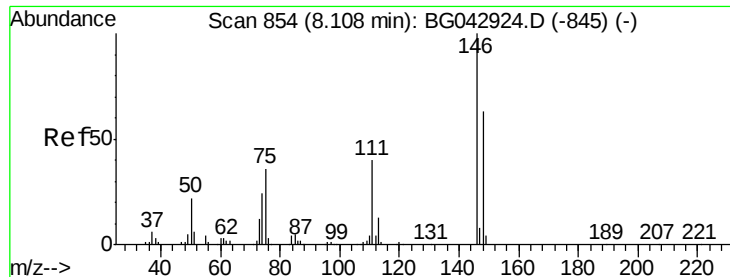
Tot Ion: 93 Resp: 114904
 Ion Ratio Lower Upper
 93 100
 63 76.9 67.4 107.4
 95 32.5 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 37.353 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion: 146 Resp: 151181
 Ion Ratio Lower Upper
 146 100
 148 67.1 50.7 76.1
 75 35.1 27.7 41.5

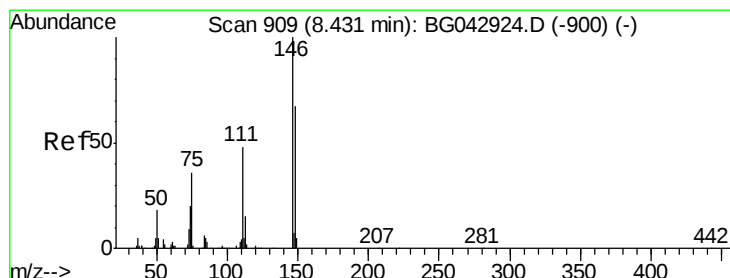
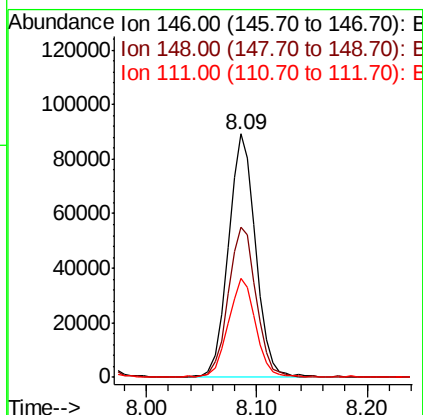
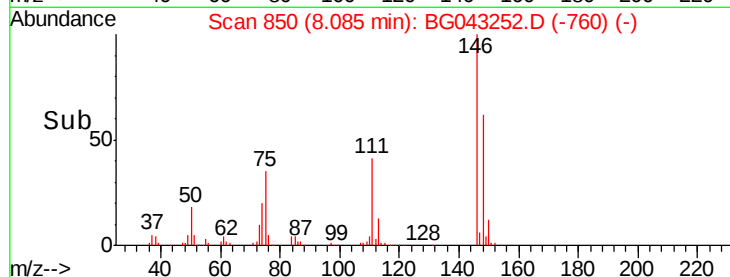
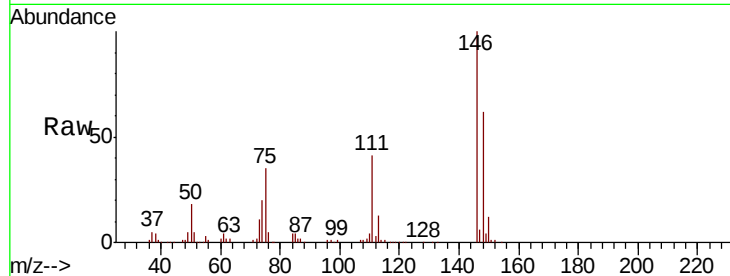




#13
 1,4-Dichlorobenzene
 Concen: 37.947 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

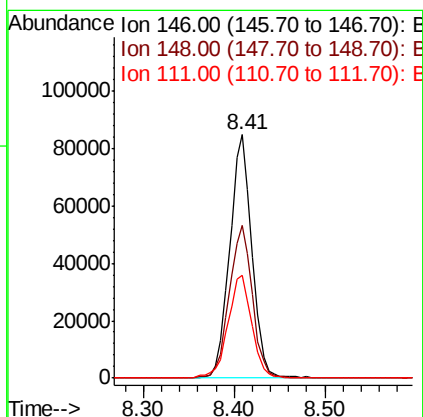
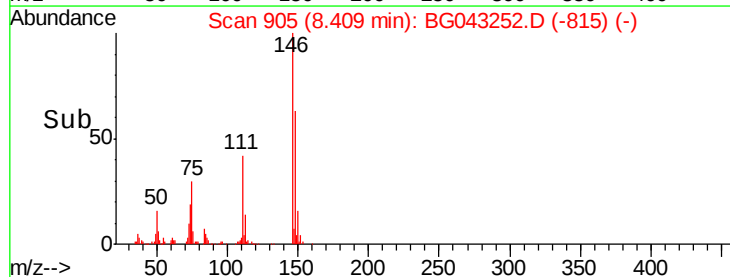
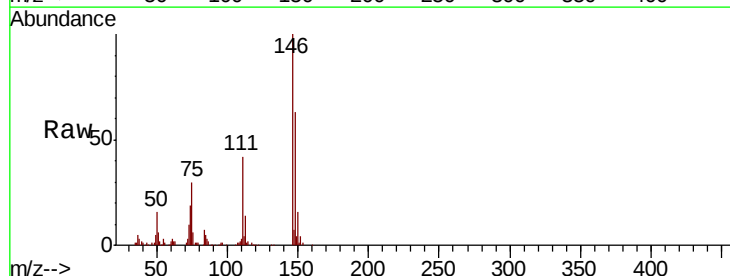
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

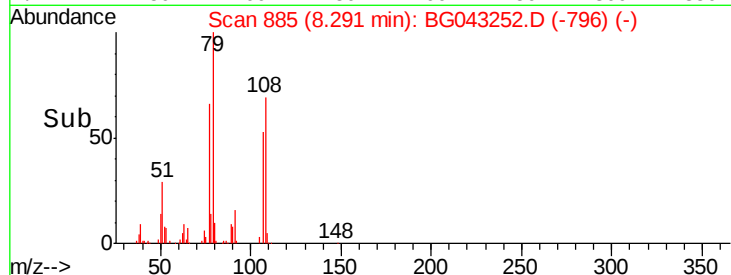
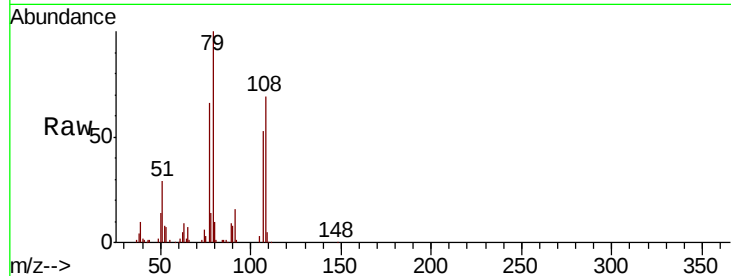
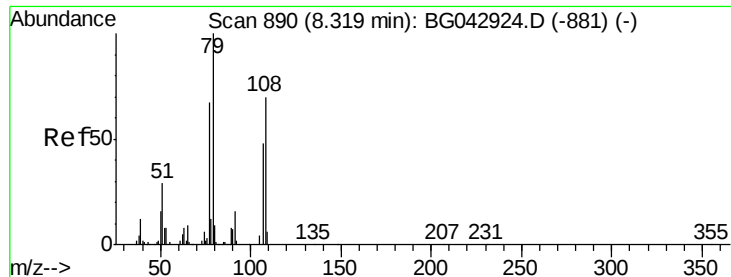
Tot Ion:146 Resp: 153106
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.9 76.3
 111 40.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 37.673 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion:146 Resp: 144710
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.4 80.2
 111 42.1 38.5 57.7

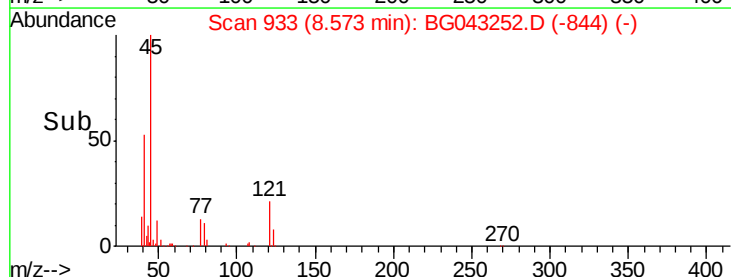
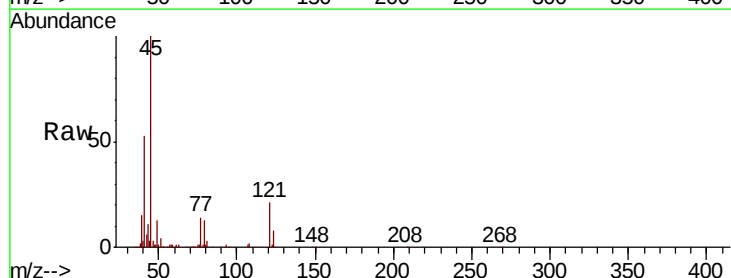
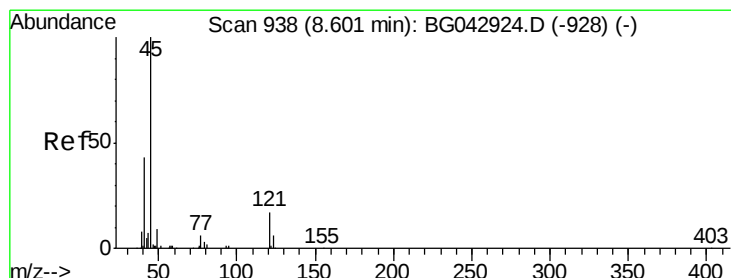
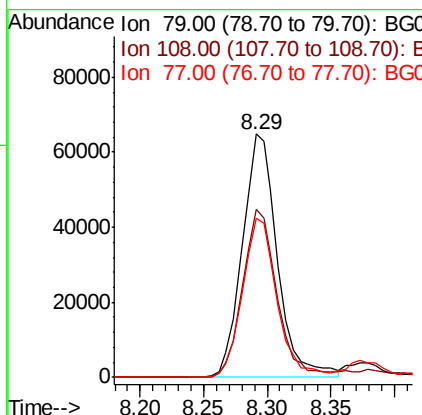




#15
Benzyl Alcohol
Concen: 37.680 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

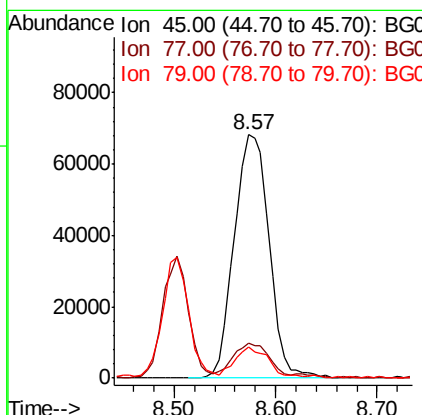
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

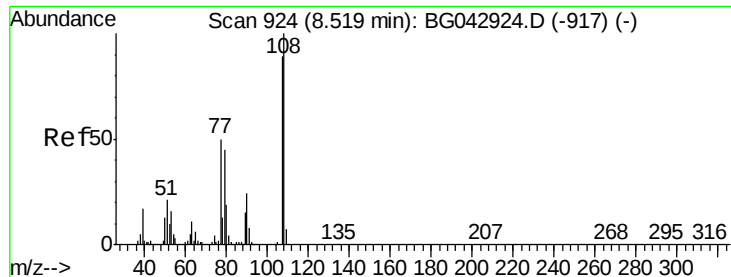
Tot Ion: 79 Resp: 124112
Ion Ratio Lower Upper
79 100
108 69.2 55.7 83.5
77 65.6 53.3 79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.275 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion: 45 Resp: 162902
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.8
79 12.6 0.0 29.4

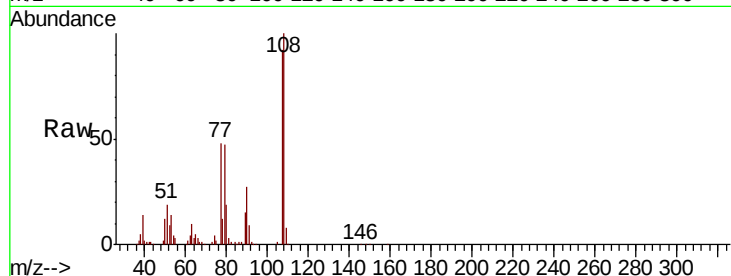




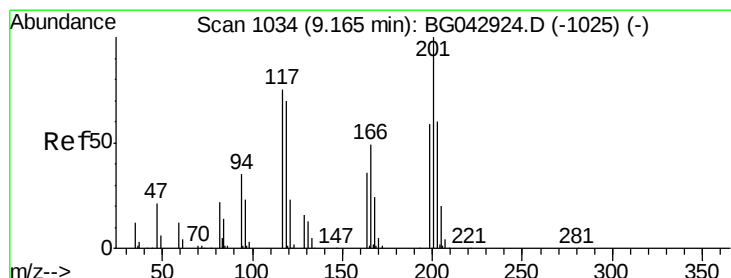
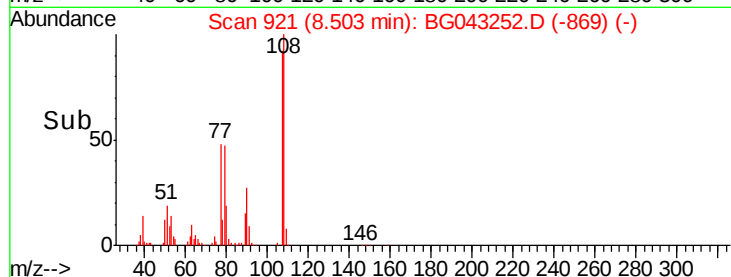
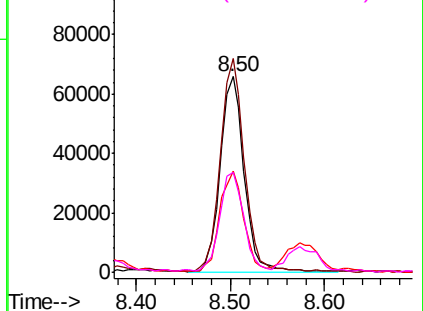
#17
2-Methylphenol
Concen: 41.343 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

Tot Ion:	107	Resp:	116277
Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.9	134.9
77	52.0	45.4	68.2
79	51.3	41.4	62.0

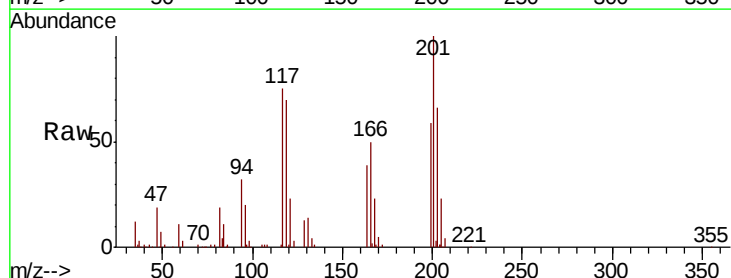


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

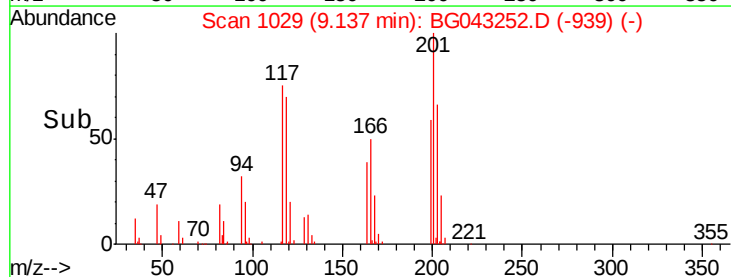
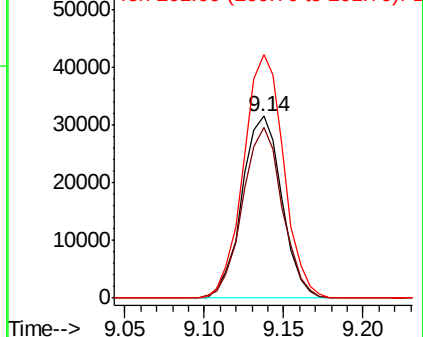


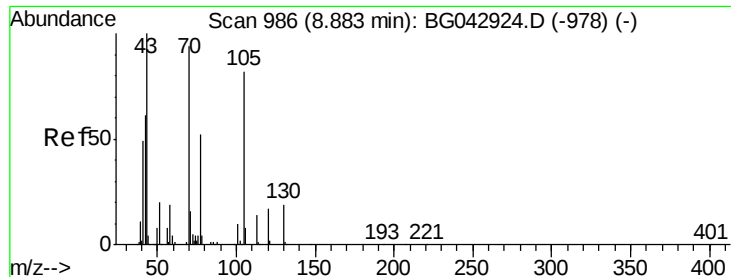
#18
Hexachloroethane
Concen: 36.296 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:	117	Resp:	55152
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.6	111.8
201	133.8	106.0	159.0



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

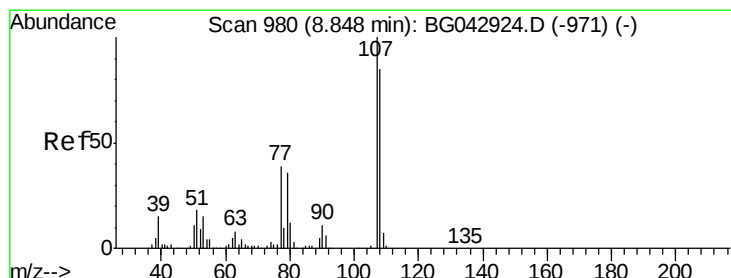
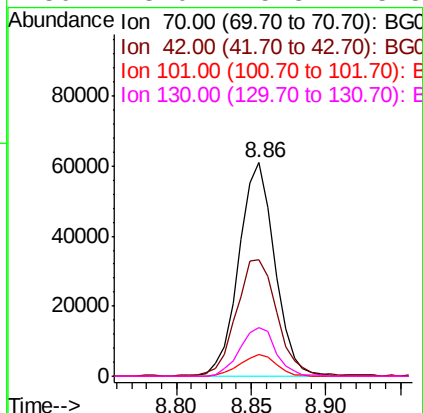
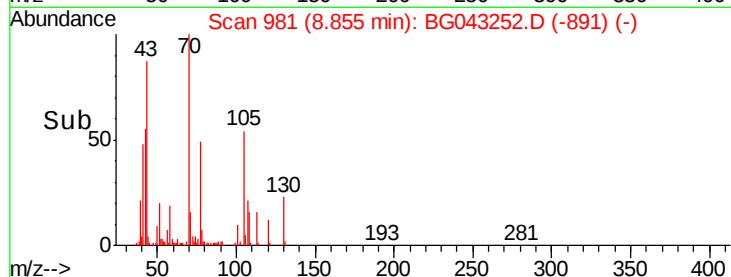
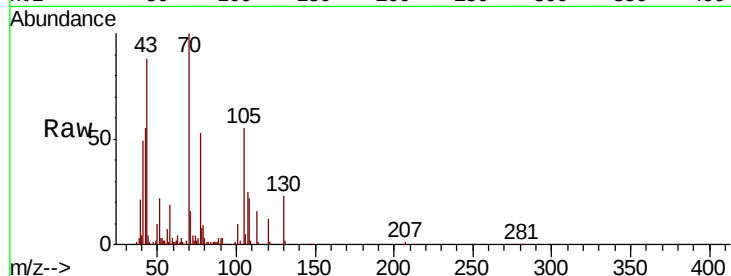




#19
n-Nitroso-di-n-propylamine
Concen: 35.358 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

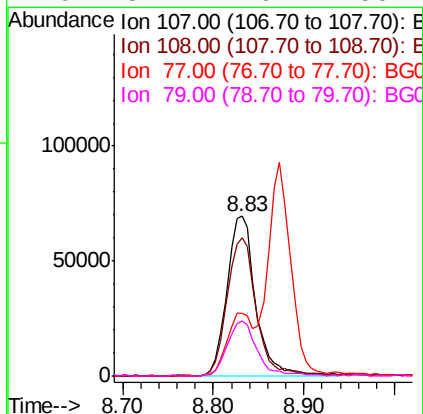
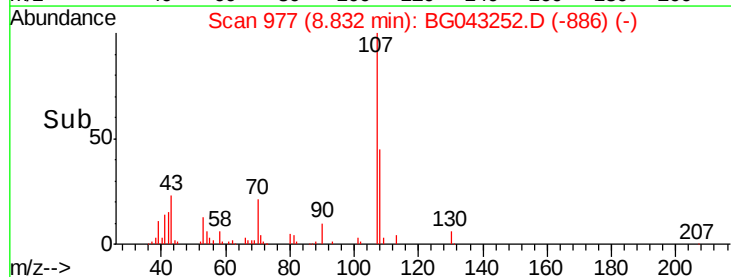
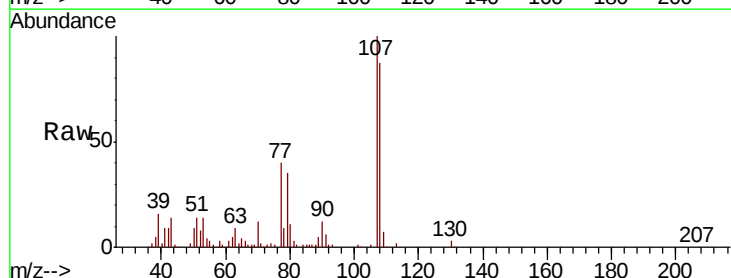
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

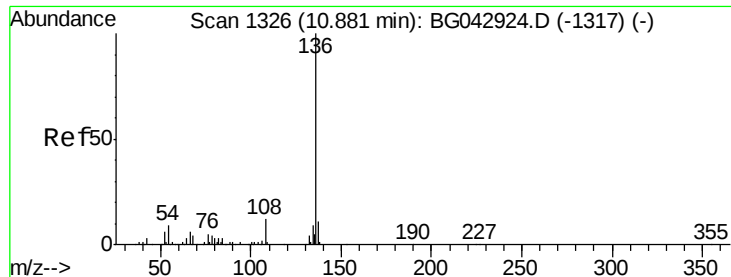
Tot Ion: 70 Resp: 101714
Ion Ratio Lower Upper
70 100
42 54.7 52.6 79.0
101 10.0 8.7 13.1
130 23.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 39.260 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion: 107 Resp: 151316
Ion Ratio Lower Upper
107 100
108 86.7 64.9 104.9
77 39.6 19.4 59.4
79 34.7 16.2 56.2

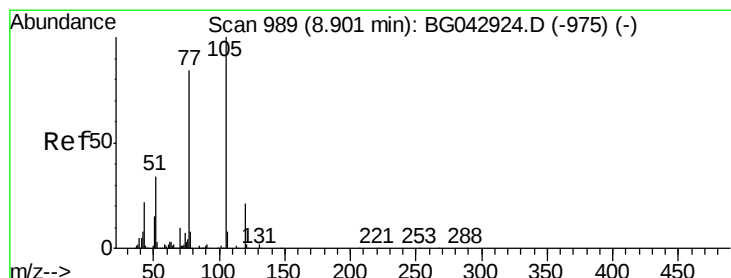
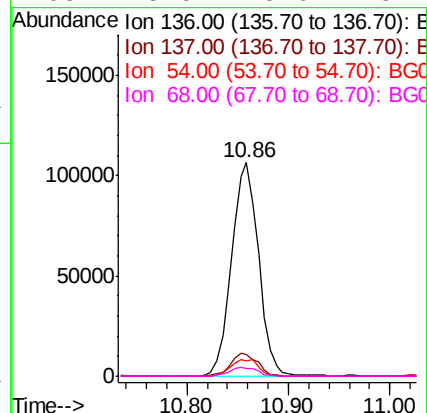
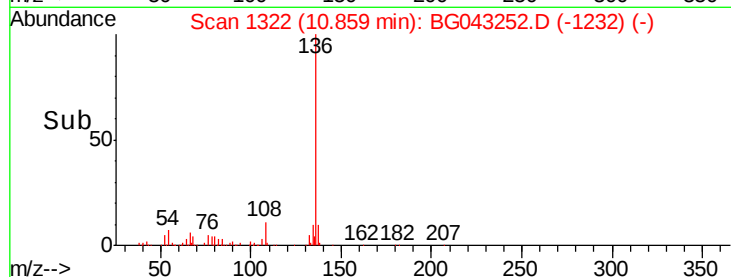
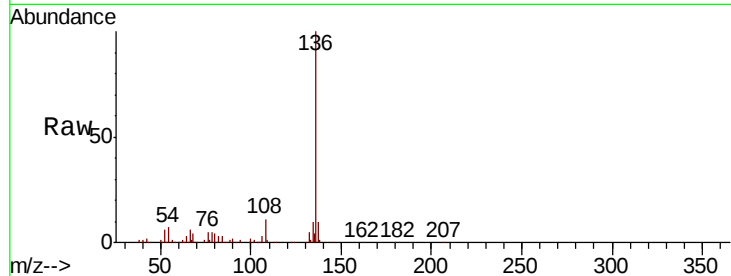




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

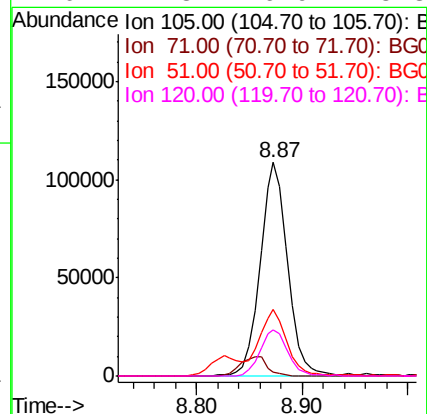
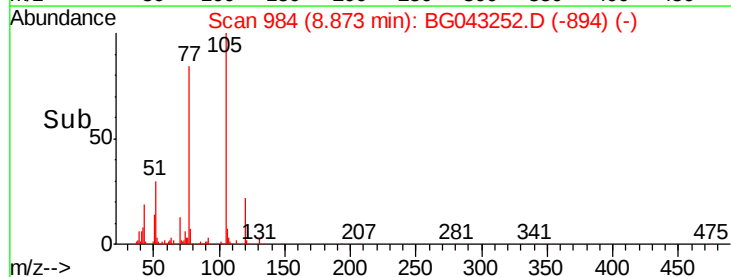
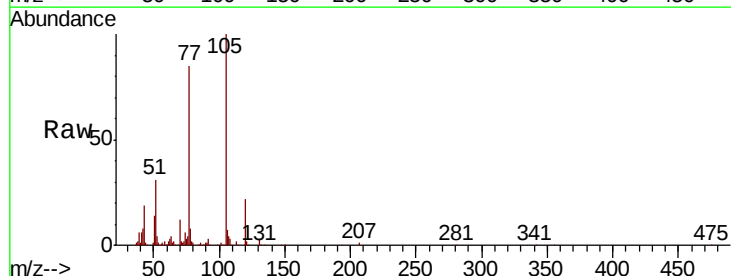
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

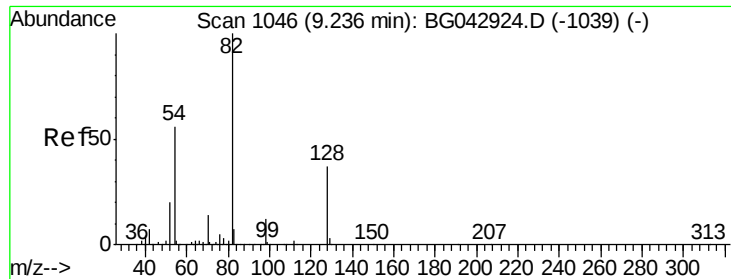
Tot Ion:136	Resp:	196719
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	7.2	7.4 11.2#
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 38.773 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:105	Resp:	196611
Ion Ratio	Lower	Upper
105	100	
71	2.0	1.2 1.8#
51	31.0	27.2 40.8
120	21.8	16.9 25.3





#23

Nitrobenzene-d5

Concen: 69.138 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

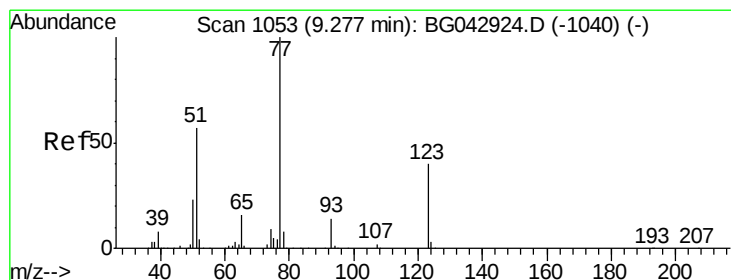
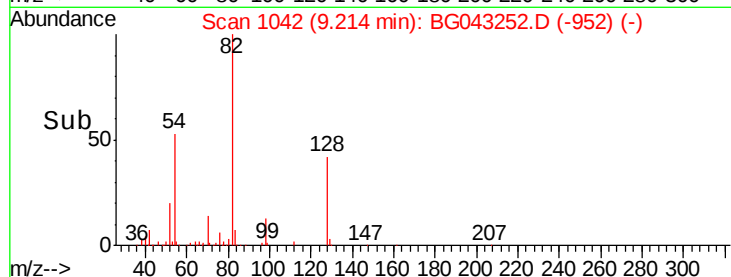
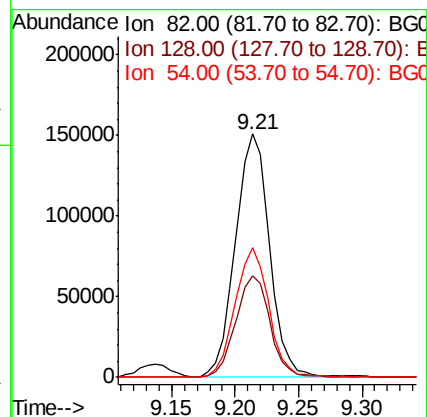
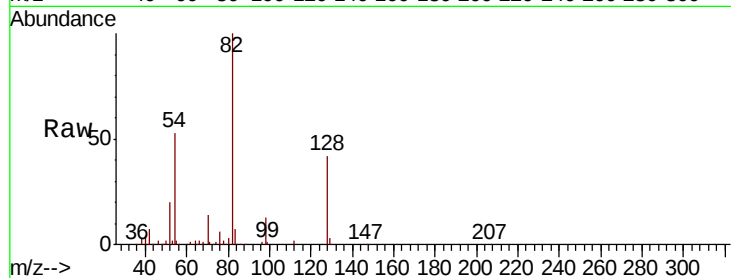
Tot Ion: 82 Resp: 279820

Ion Ratio Lower Upper

82 100

128 41.7 29.5 44.3

54 53.1 44.6 67.0



#24

Nitrobenzene

Concen: 39.261 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

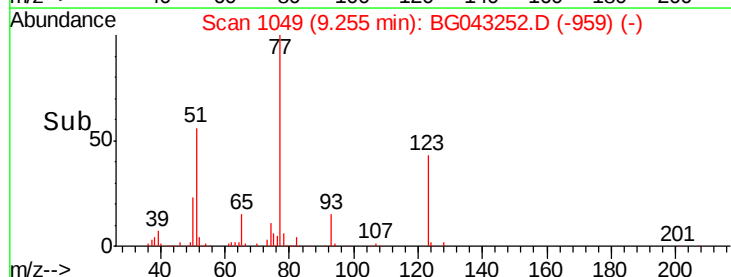
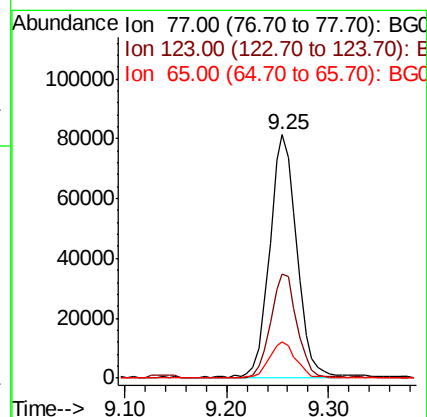
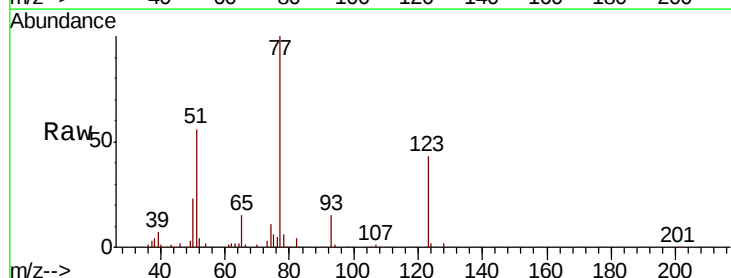
Tgt Ion: 77 Resp: 151565

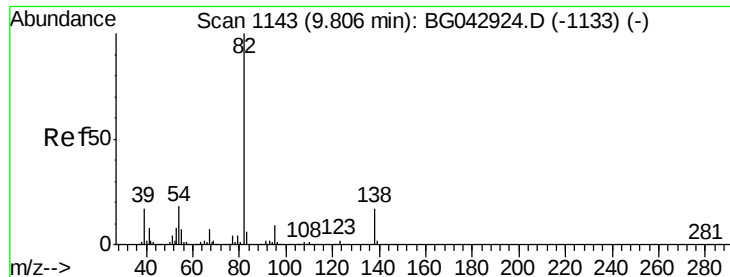
Ion Ratio Lower Upper

77 100

123 43.0 31.9 47.9

65 15.0 12.4 18.6





#25

Isophorone

Concen: 39.873 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

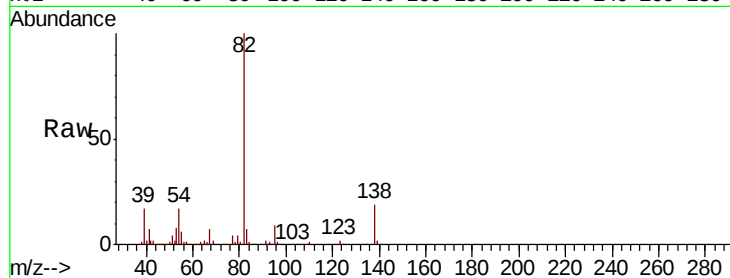
Tot Ion: 82 Resp: 283468

Ion Ratio Lower Upper

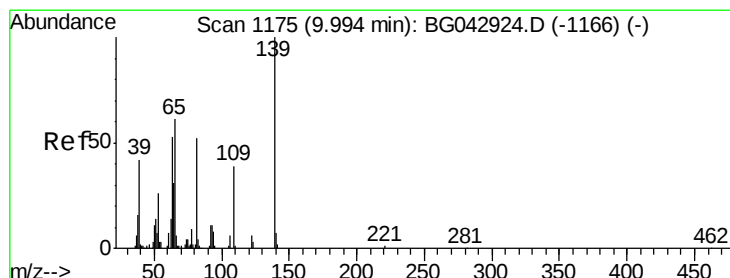
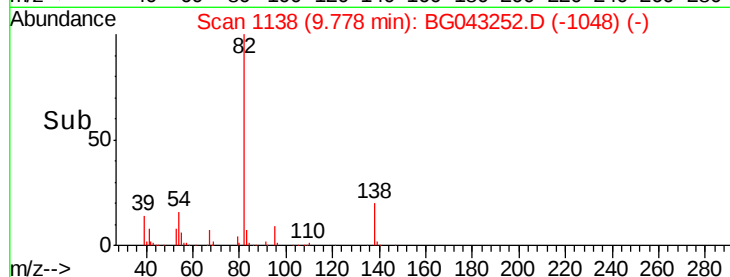
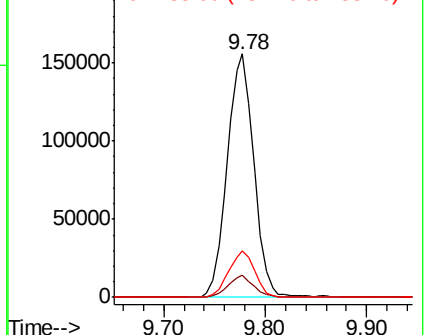
82 100

95 8.9 7.0 10.4

138 19.0 13.8 20.6



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: 46.840 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

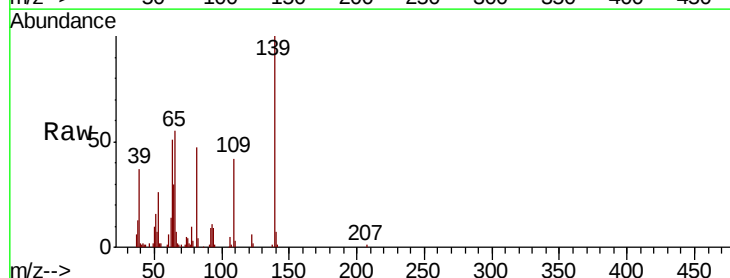
Tgt Ion: 139 Resp: 76977

Ion Ratio Lower Upper

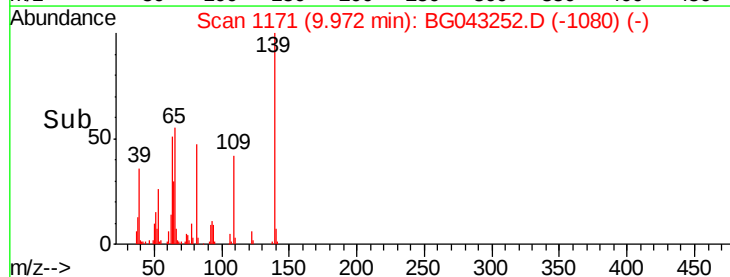
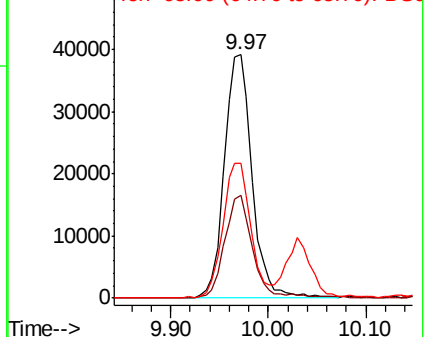
139 100

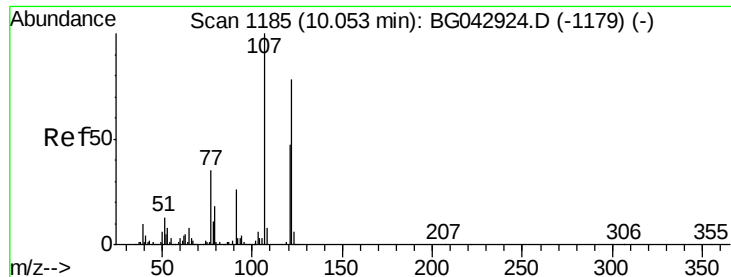
109 42.1 31.0 46.6

65 55.2 48.4 72.6



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

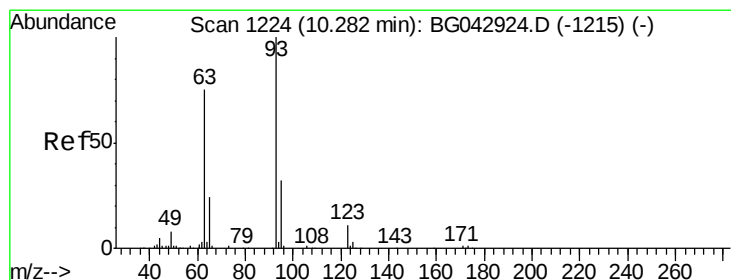
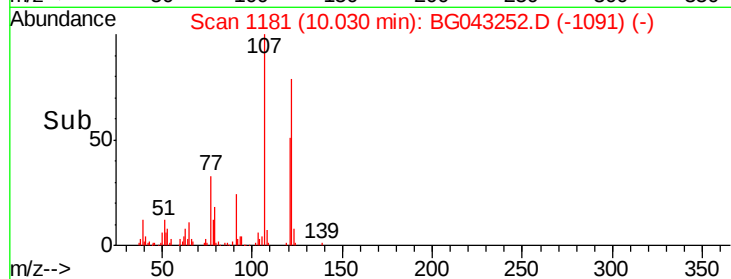
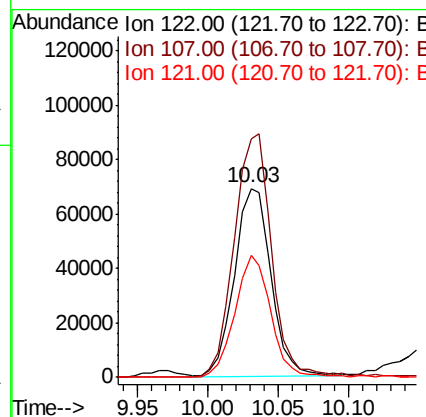
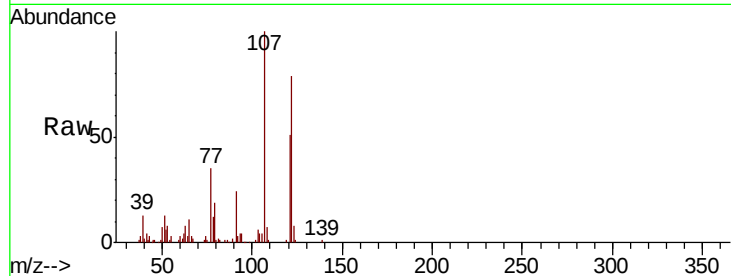




#27
2,4-Dimethylphenol
Concen: 49.540 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

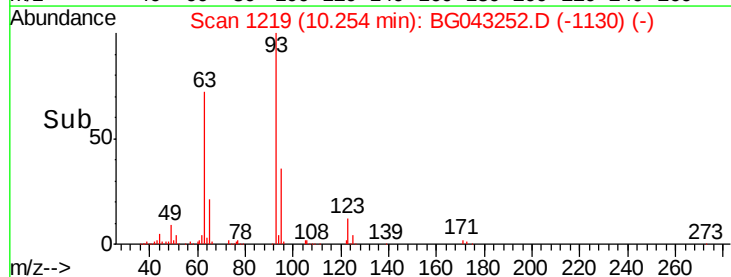
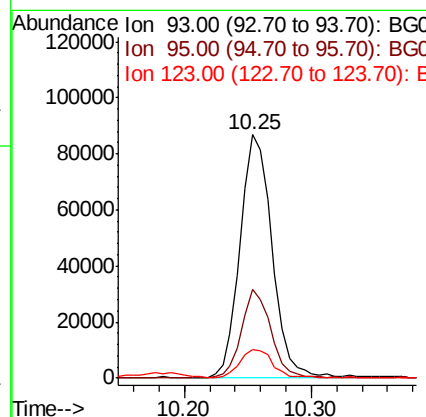
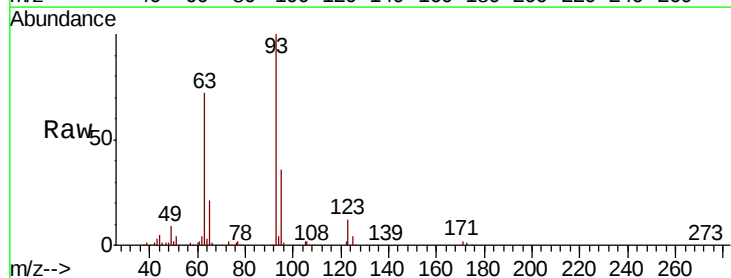
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

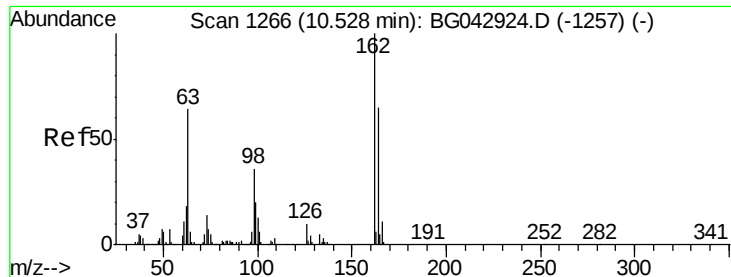
Tot Ion:122 Resp: 125031
Ion Ratio Lower Upper
122 100
107 126.4 102.2 153.2
121 64.4 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 37.801 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion: 93 Resp: 152473
Ion Ratio Lower Upper
93 100
95 36.2 25.4 38.0
123 11.7 9.3 13.9

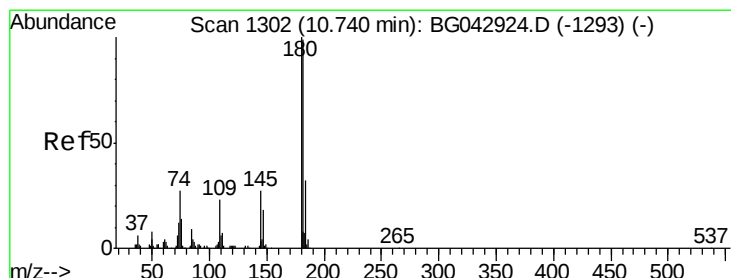
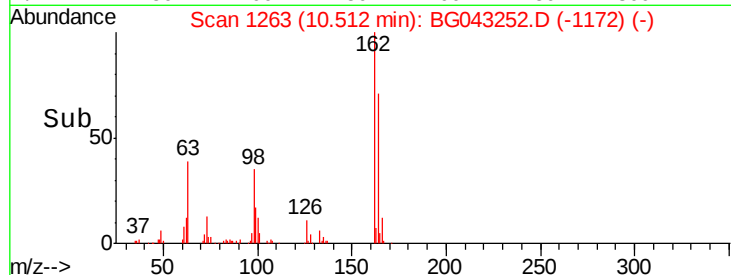
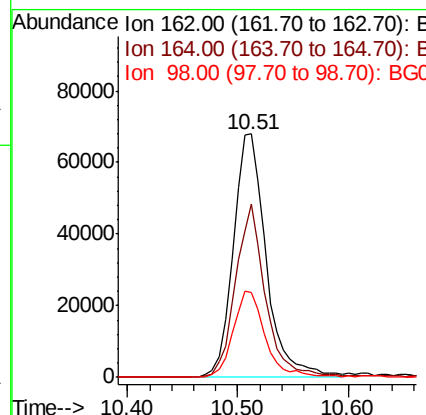
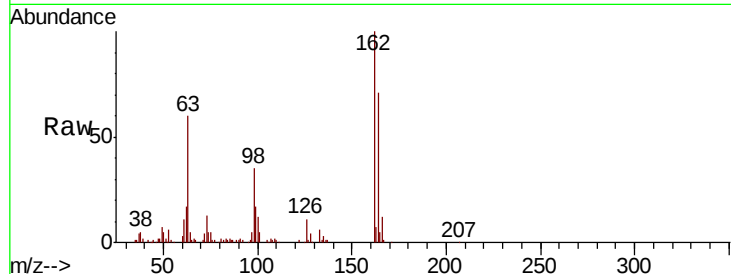




#29
 2,4-Dichlorophenol
 Concen: 45.255 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

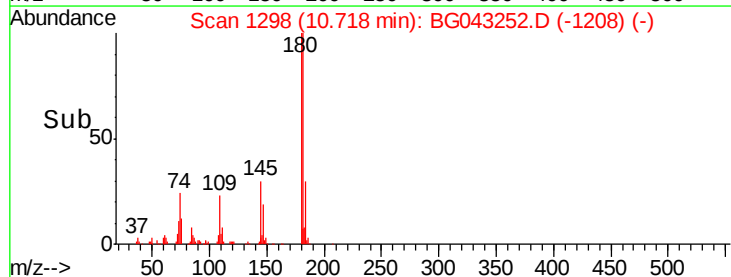
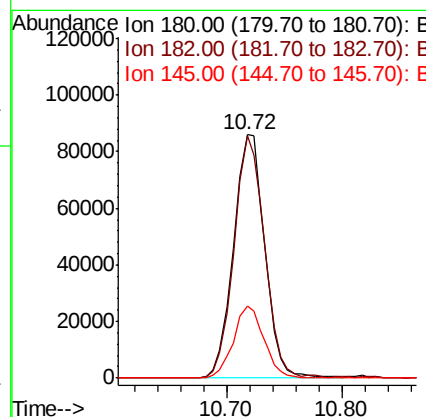
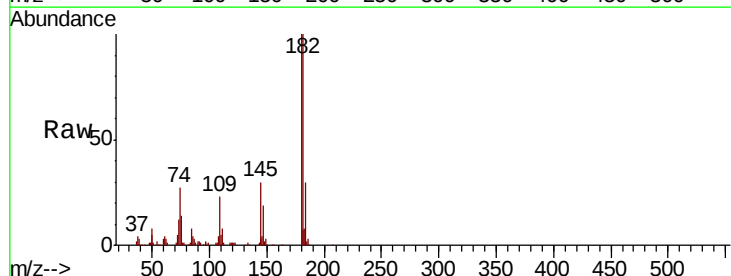
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

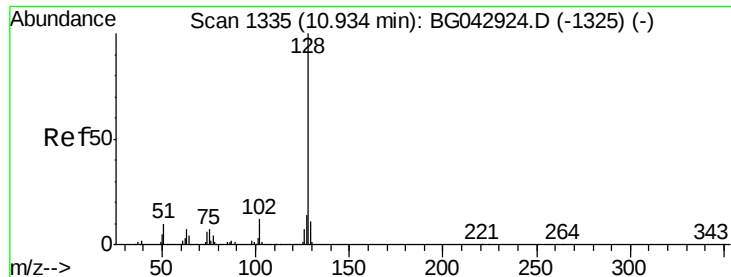
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.0	44.7	84.7
98	35.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.801 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	79.3	118.9
145	29.8	22.0	33.0

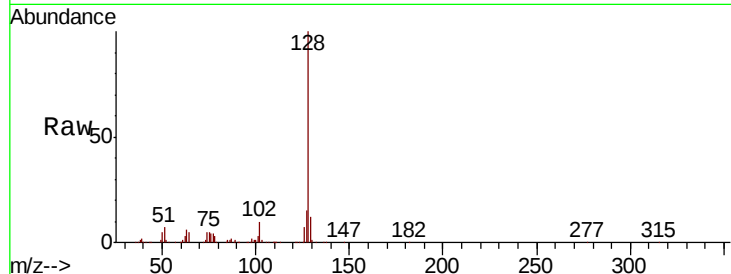




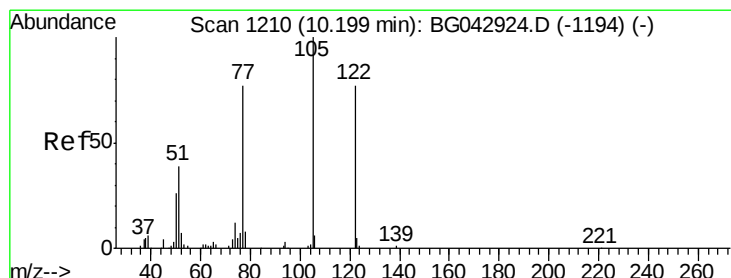
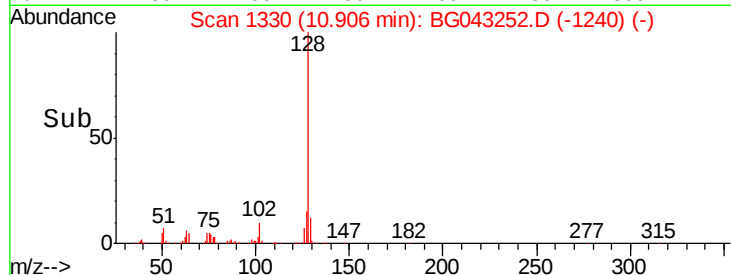
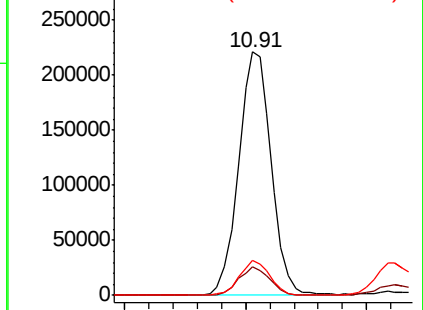
#31
Naphthalene
Concen: 42.731 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.5	11.3	16.9

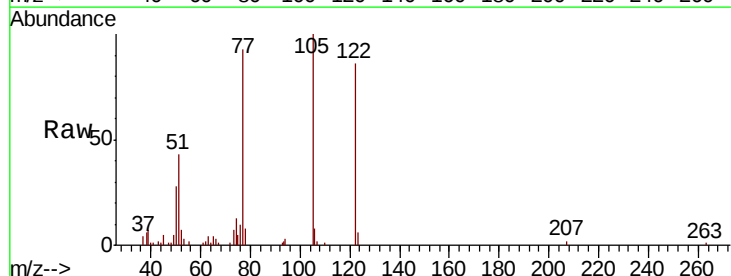


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

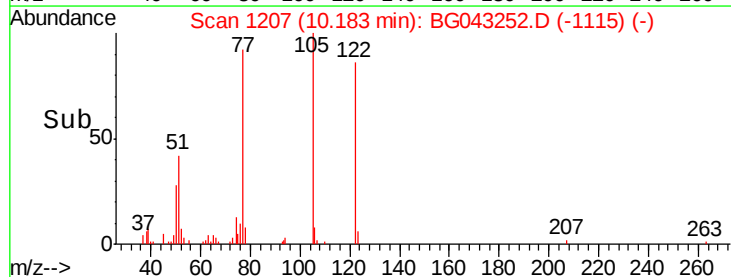
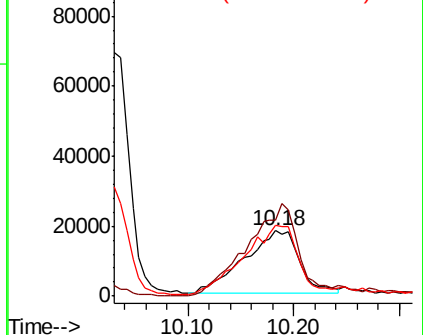


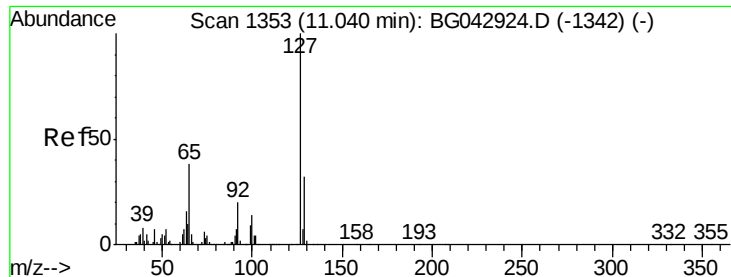
#32
Benzoic acid
Concen: 34.694 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.1	107.5	147.5
77	108.0	79.8	119.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

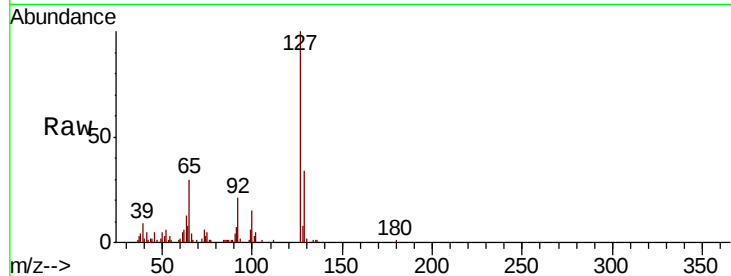




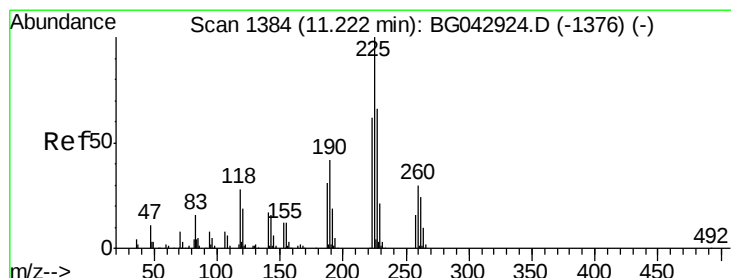
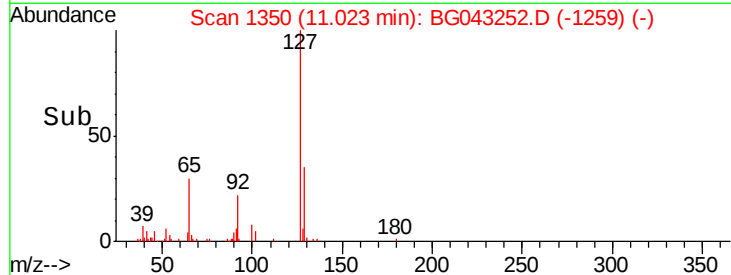
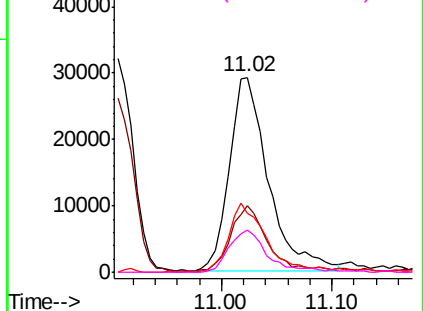
#33
4-Chloroaniline
Concen: 17.275 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

Tot Ion:127	Resp:	72592
Ion Ratio	Lower	Upper
127	100	
129	34.3	26.2 39.2
65	30.0	30.6 45.8#
92	21.5	16.2 24.4

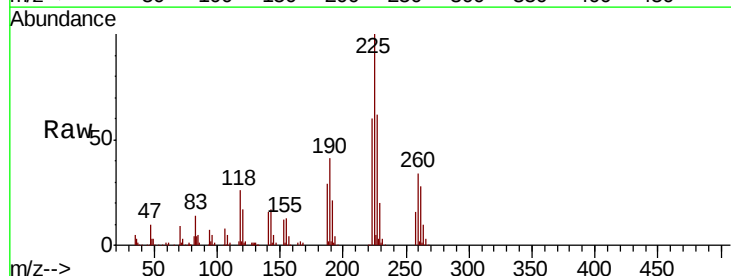


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

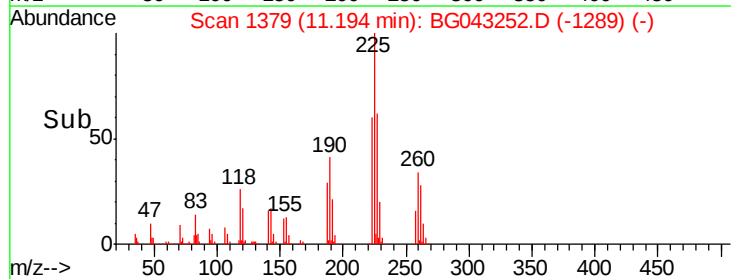
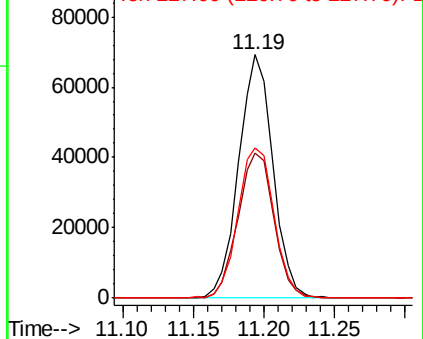


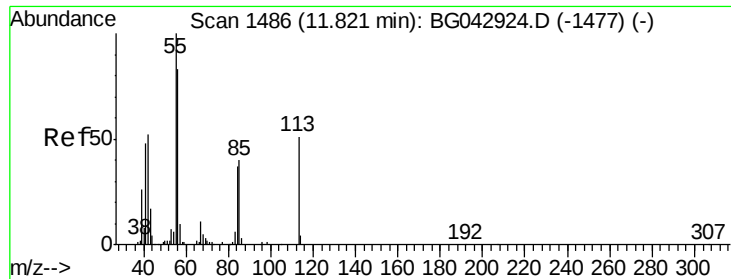
#34
Hexachlorobutadiene
Concen: 38.643 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:225	Resp:	117282
Ion Ratio	Lower	Upper
225	100	
223	59.7	49.3 73.9
227	61.6	52.8 79.2



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

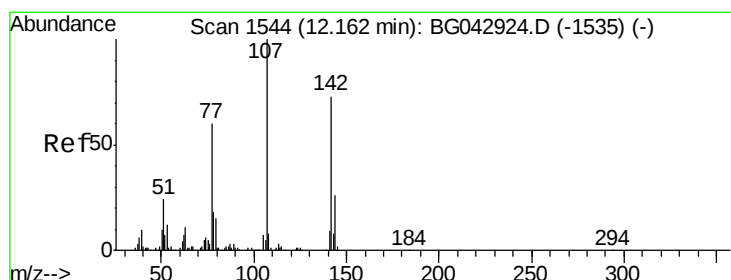
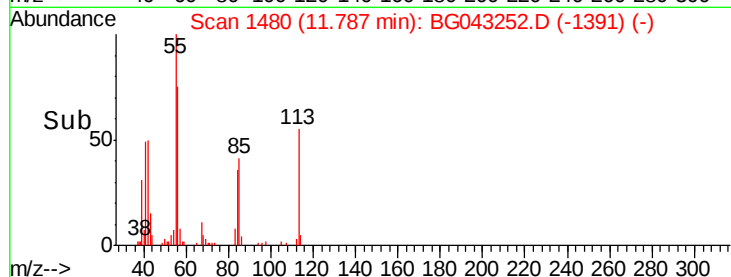
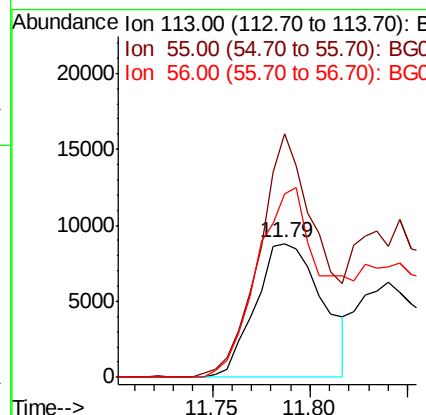
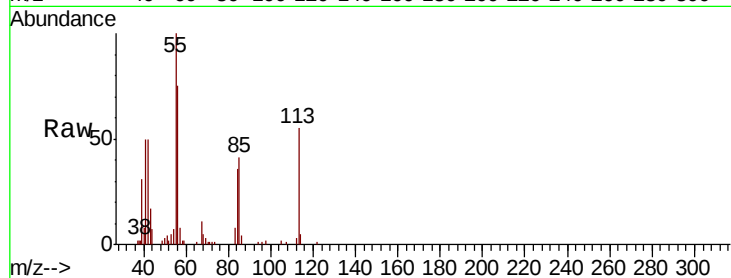




#35
 Caprolactam
 Concen: 18.849 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

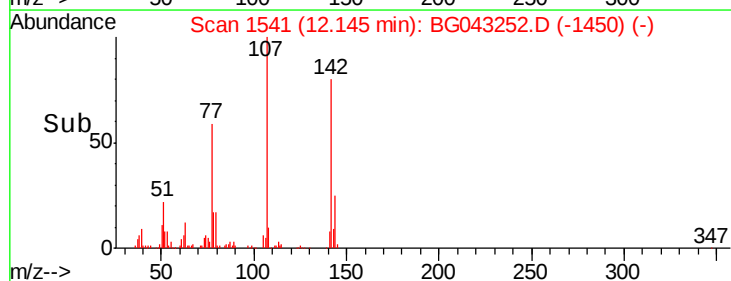
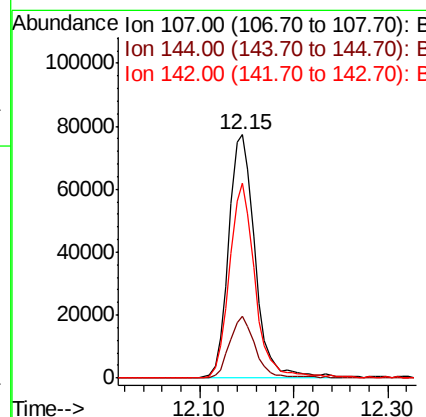
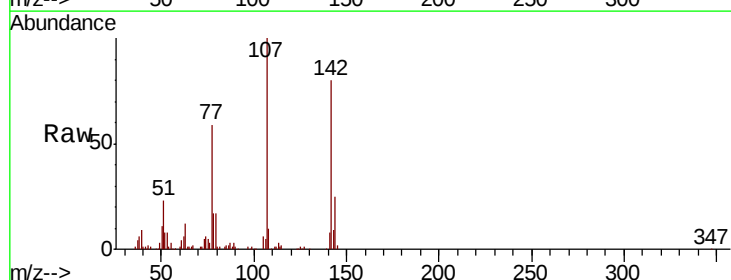
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

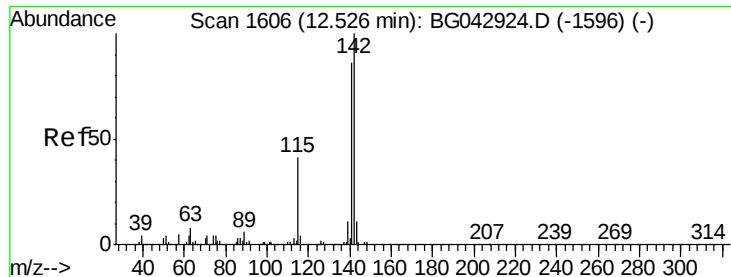
Tot Ion:113 Resp: 20864
 Ion Ratio Lower Upper
 113 100
 55 181.6 175.5 215.5
 56 136.8 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 44.319 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion:107 Resp: 151255
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.7 31.1
 142 80.2 58.6 87.8

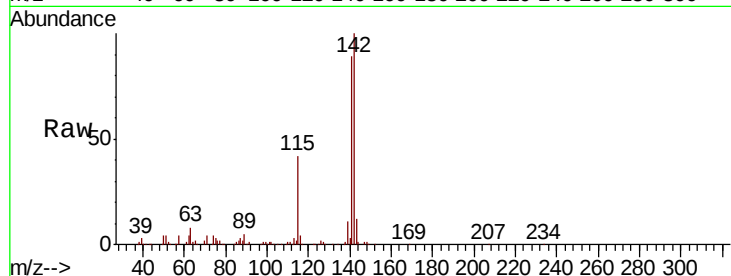




#37
 2-Methylnaphthalene
 Concen: 42.592 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.0	103.4
115	41.6	32.8	49.2

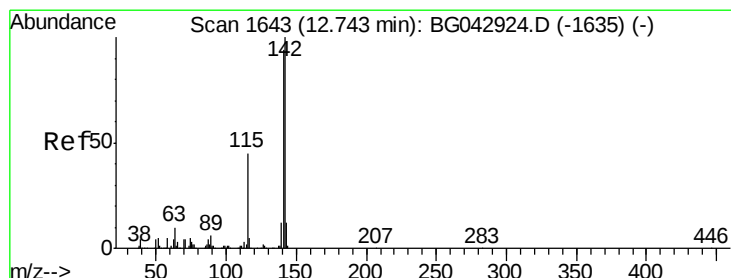
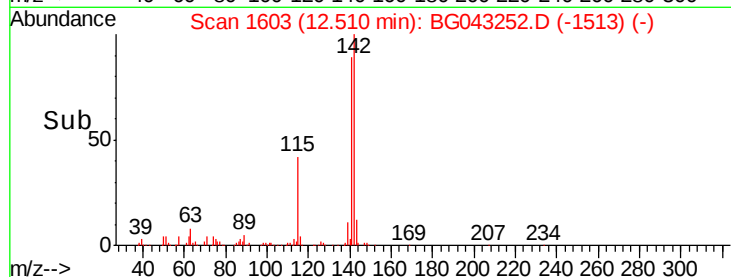
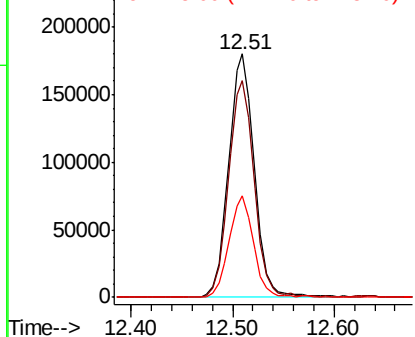


Abundance

Ion 142.00 (141.70 to 142.70): E

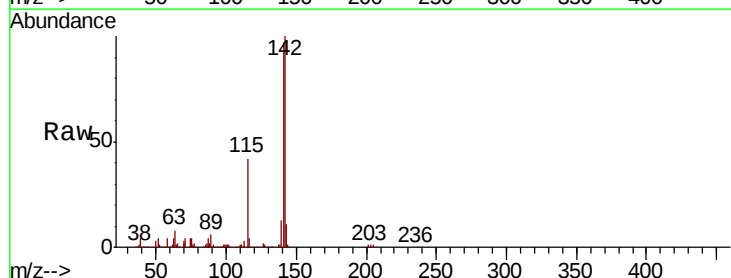
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.315 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	74.9	112.3
116	4.5	3.7	5.5

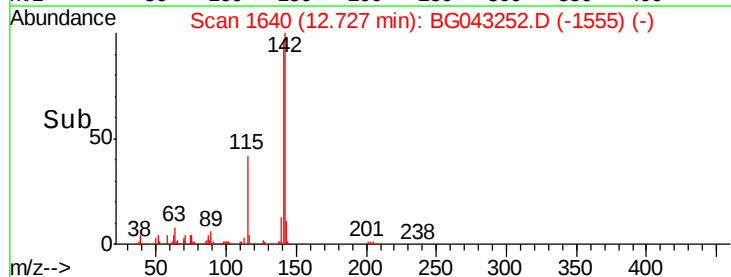
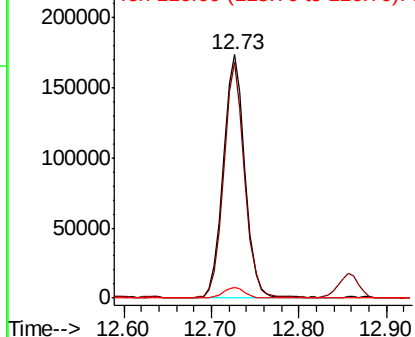


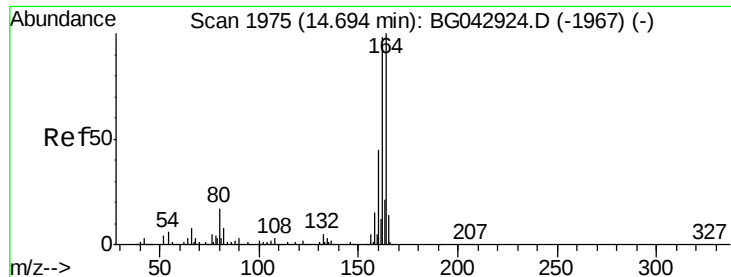
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

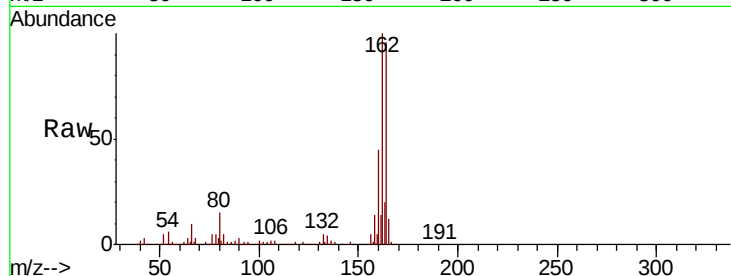
Tot Ion:164 Resp: 136483

Ion Ratio Lower Upper

164 100

162 104.2 78.5 117.7

160 46.5 35.9 53.9

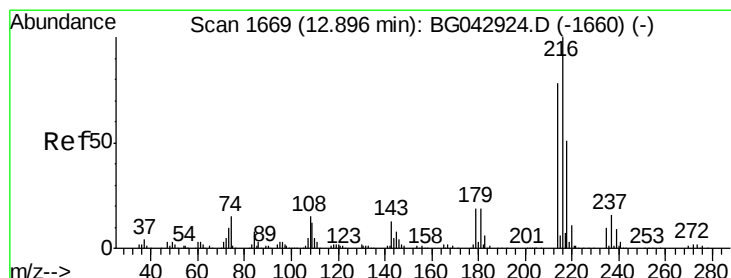
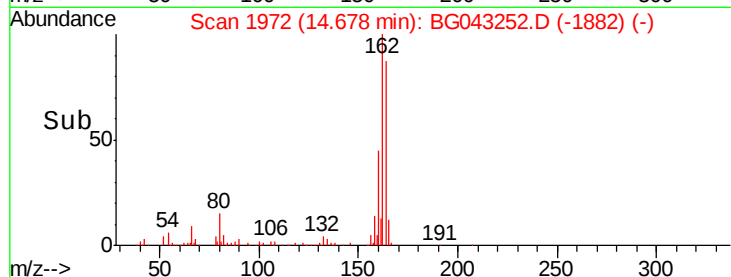
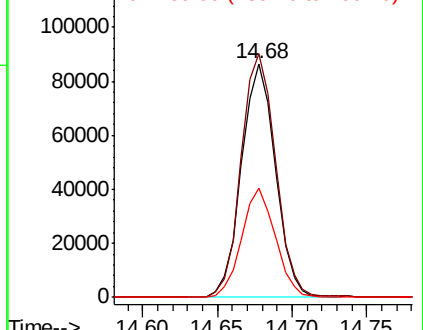


Abundance

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: 40.055 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Tgt Ion:216 Resp: 205549

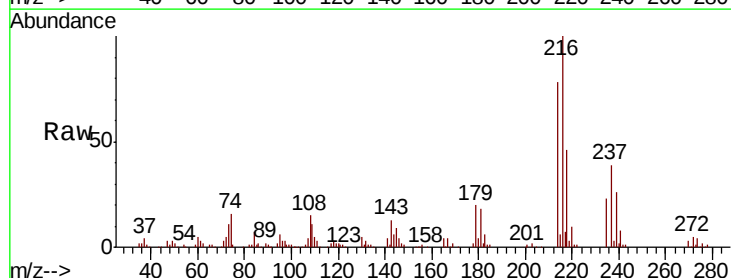
Ion Ratio Lower Upper

216 100

214 78.2 62.4 93.6

179 19.8 15.4 23.2

108 17.1 12.6 19.0



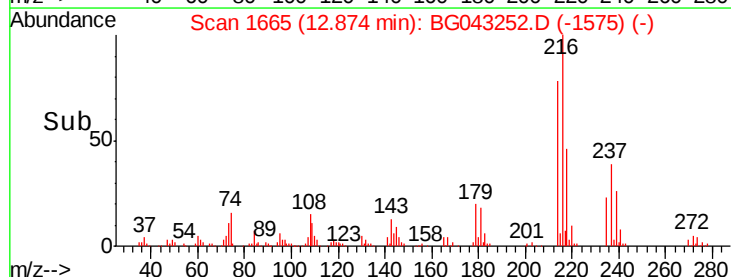
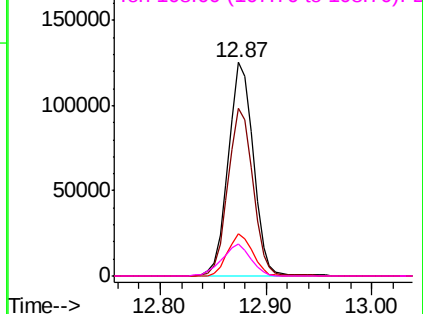
Abundance

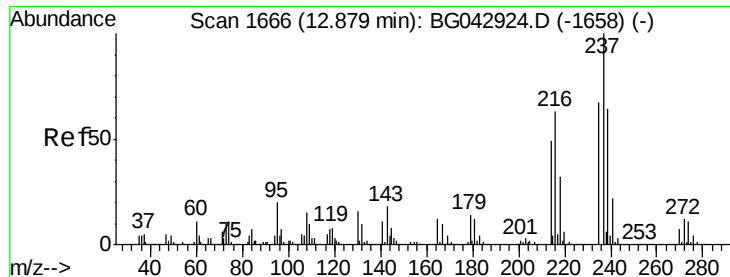
Ion 216.00 (215.70 to 216.70): E

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: 86.597 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

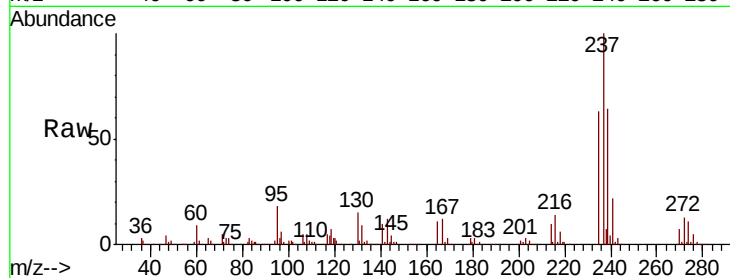
Tot Ion:237 Resp: 283144

Ion Ratio Lower Upper

237 100

235 62.6 46.7 86.7

272 13.5 0.0 32.3

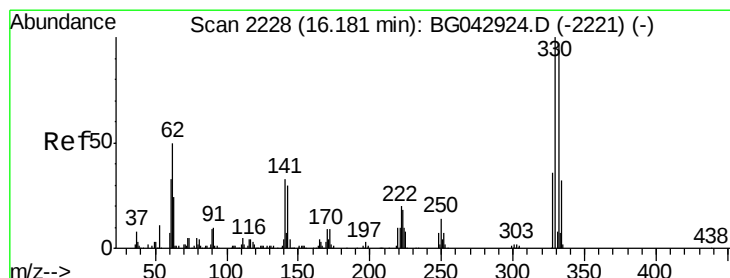
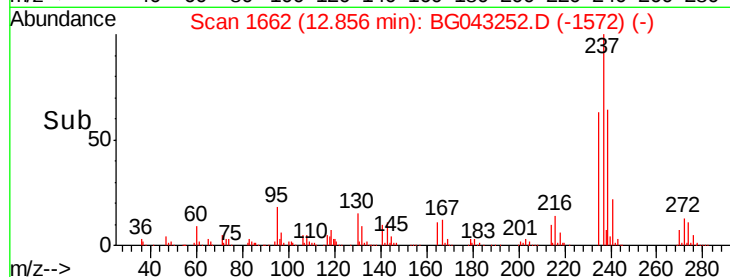
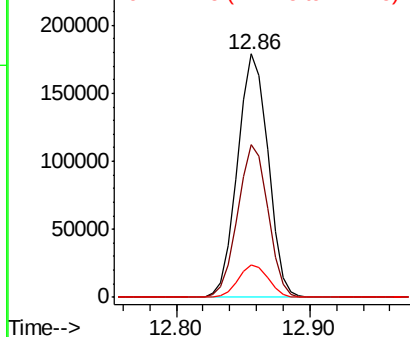


Abundance

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: 117.607 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

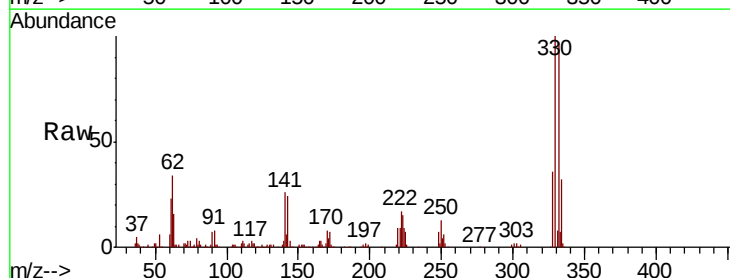
Tgt Ion:330 Resp: 276013

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

141 27.7 26.0 39.0

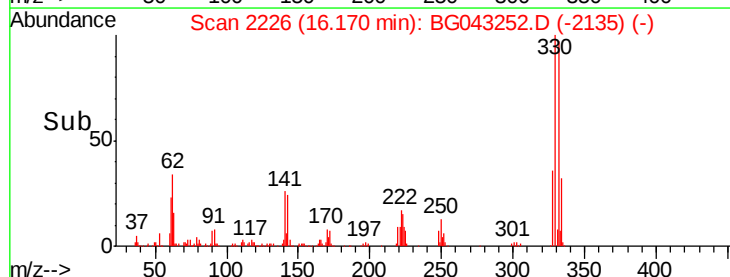
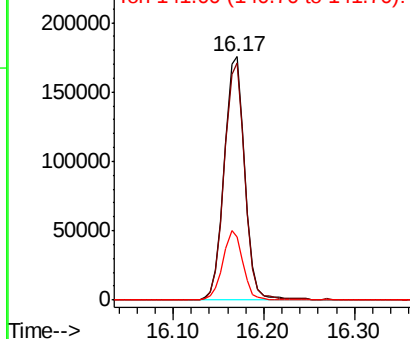


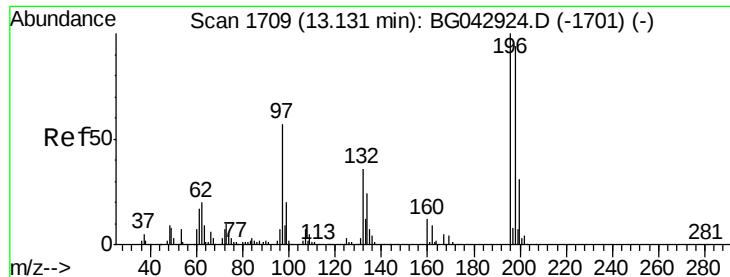
Abundance

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

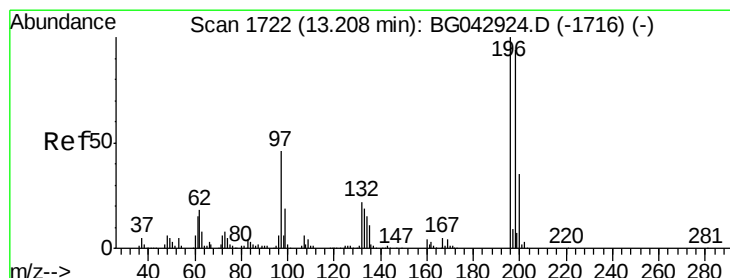
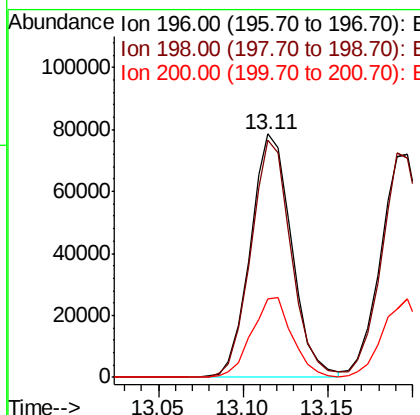
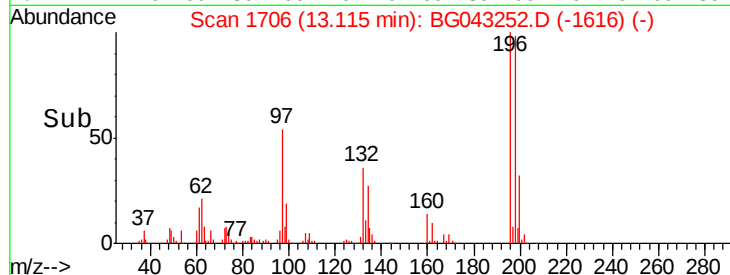
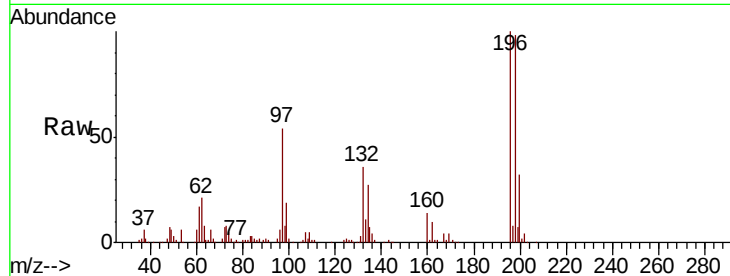




#43
 2,4,6-Trichlorophenol
 Concen: 44.270 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

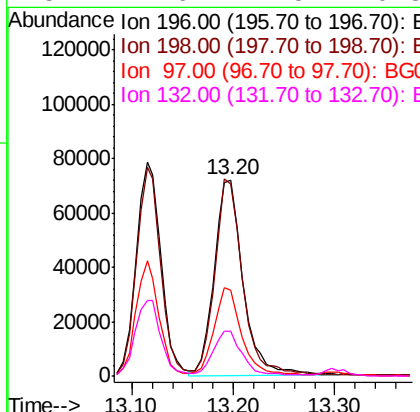
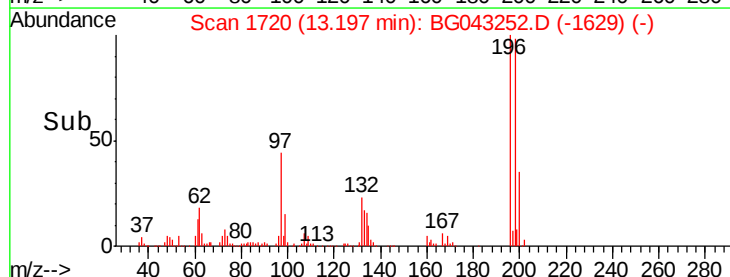
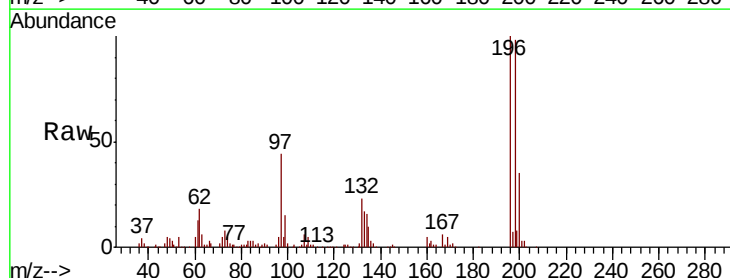
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

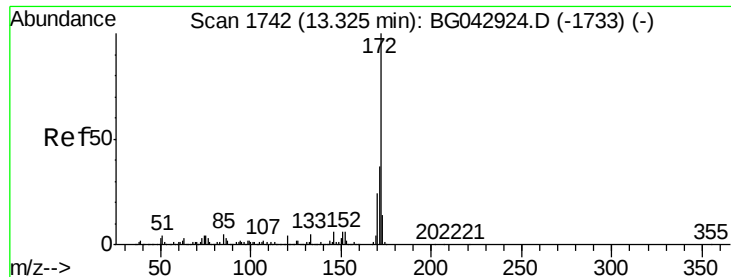
Tot Ion:196 Resp: 132968
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.5 113.3
 200 32.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.757 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion:196 Resp: 141580
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.1 112.7
 97 44.0 37.0 55.4
 132 22.6 17.5 26.3

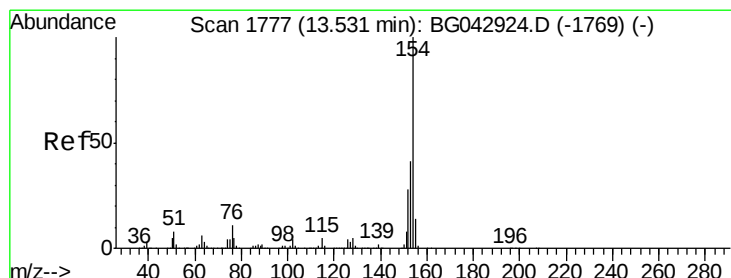
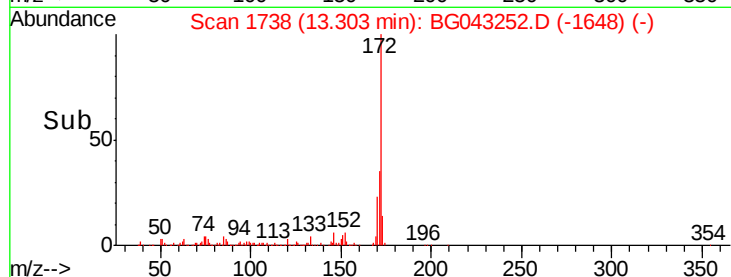
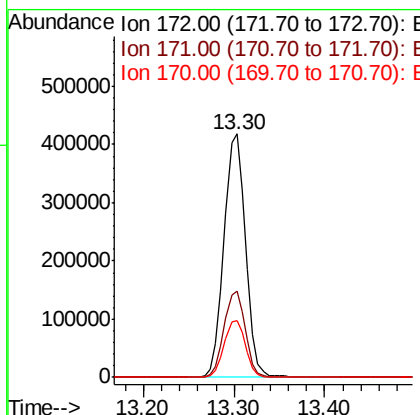
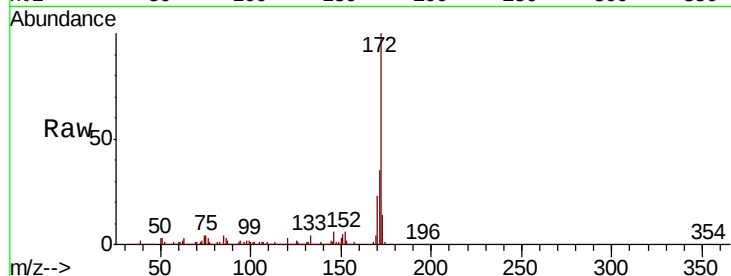




#45
 2-Fluorobiphenyl
 Concen: 73.388 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

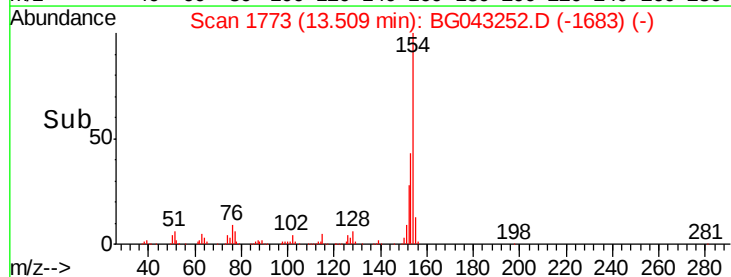
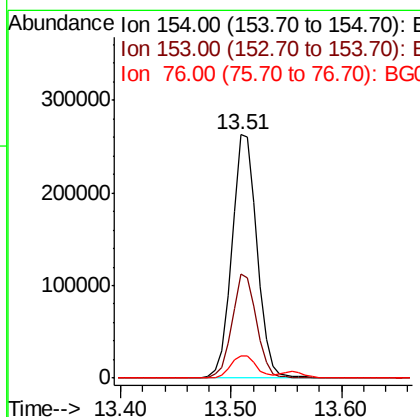
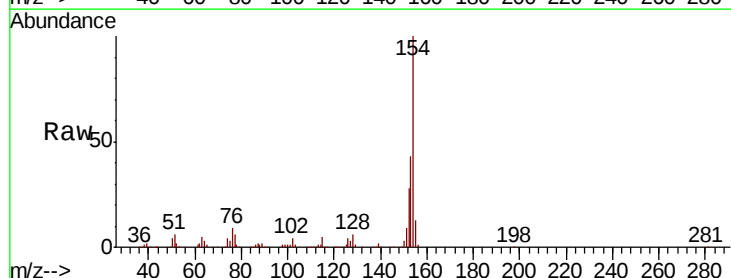
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

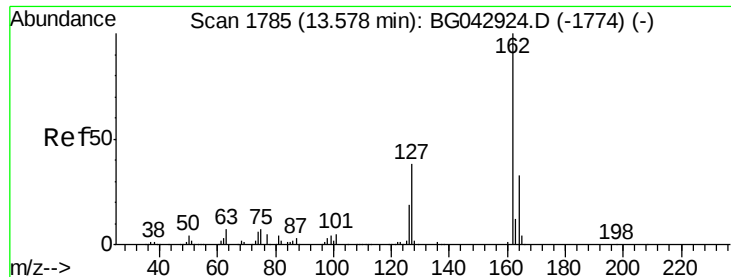
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 40.620 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.4	61.4
76	9.4	0.0	31.3

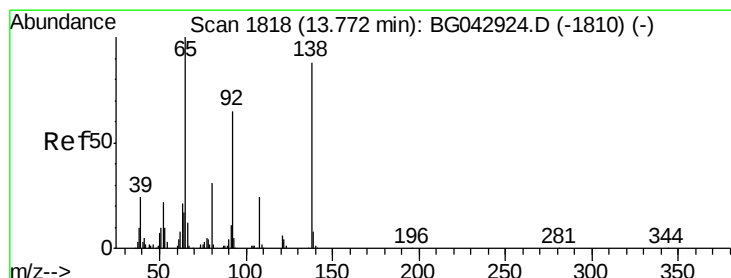
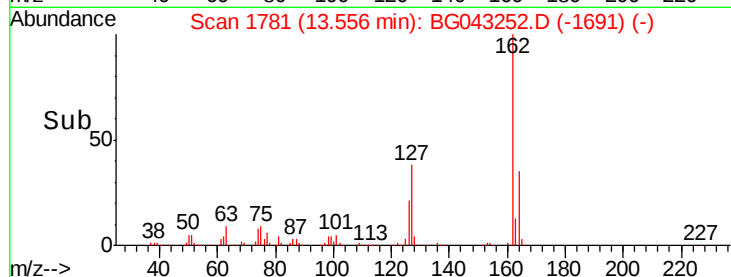
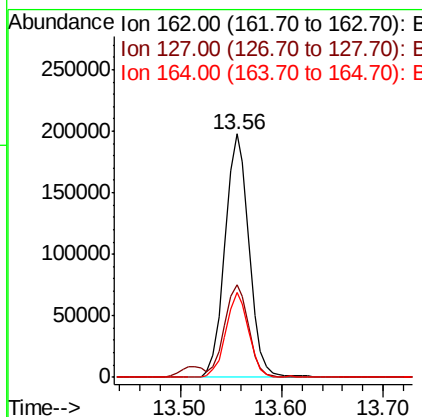
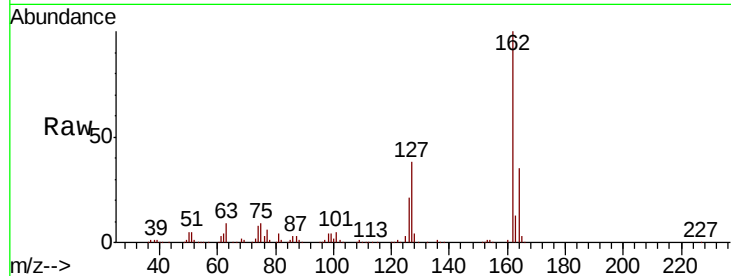




#47
2-Chloronaphthalene
Concen: 41.913 ng
RT: 13.56 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

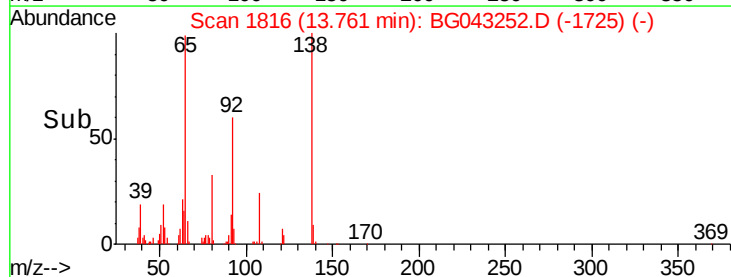
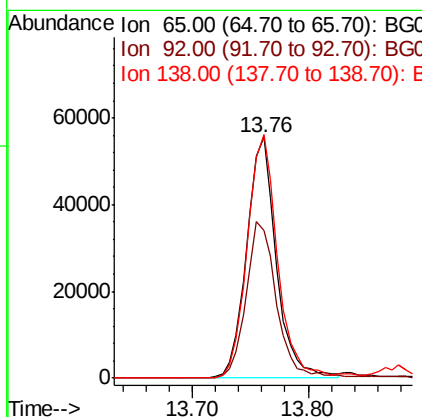
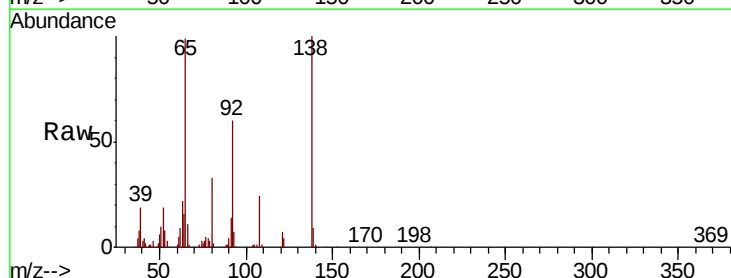
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

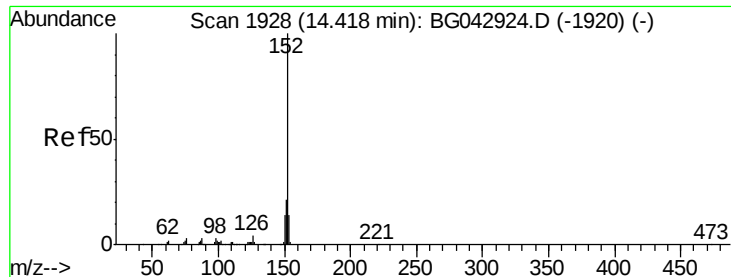
Tot Ion:162 Resp: 325242
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.6
164 34.8 26.2 39.2



#48
2-Nitroaniline
Concen: 38.671 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion: 65 Resp: 99793
Ion Ratio Lower Upper
65 100
92 61.1 52.0 78.0
138 101.0 70.4 105.6





#49

Acenaphthylene

Concen: 44.980 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

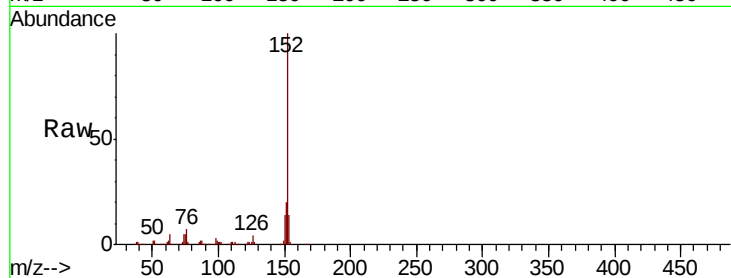
Tot Ion:152 Resp: 534089

Ion Ratio Lower Upper

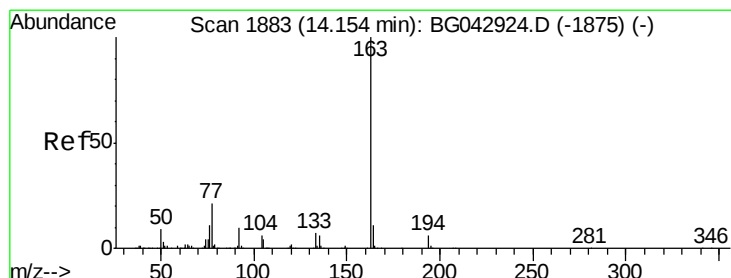
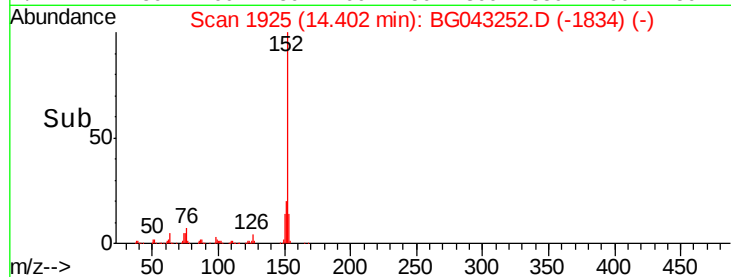
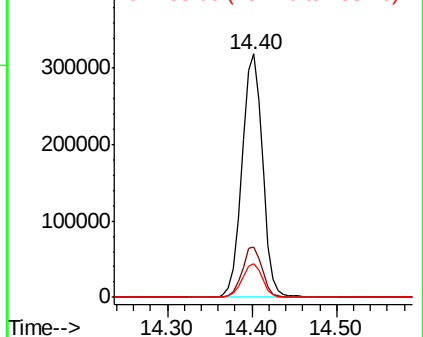
152 100

151 20.5 16.8 25.2

153 13.6 11.3 16.9



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: 56.019 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

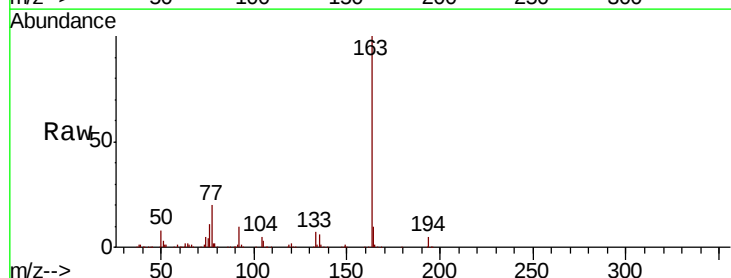
Tgt Ion:163 Resp: 572860

Ion Ratio Lower Upper

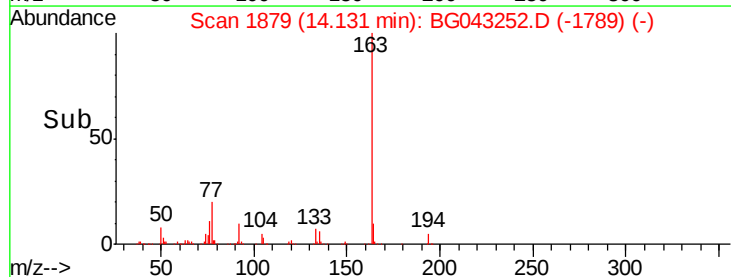
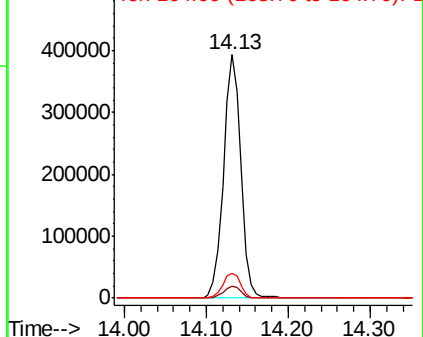
163 100

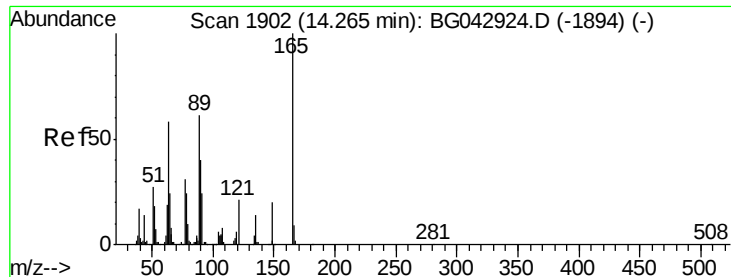
194 4.7 4.4 6.6

164 10.2 8.6 12.8



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

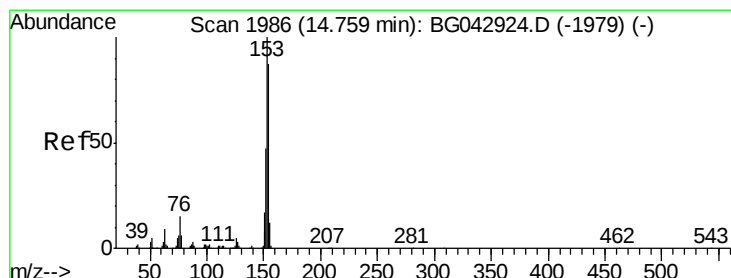
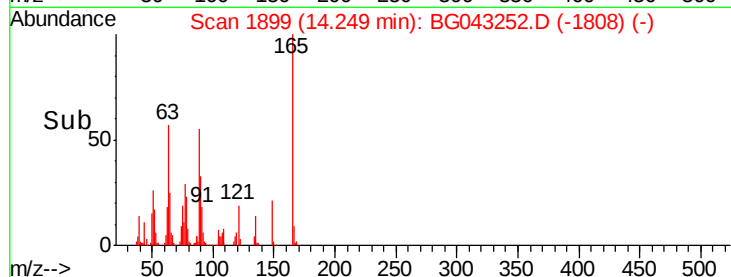
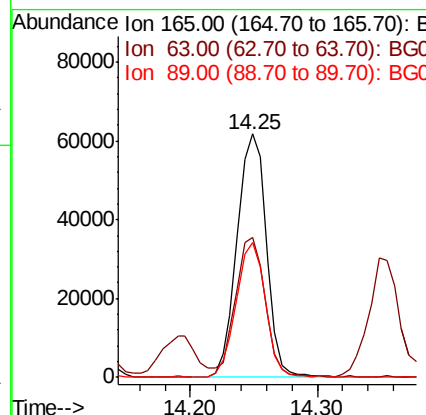
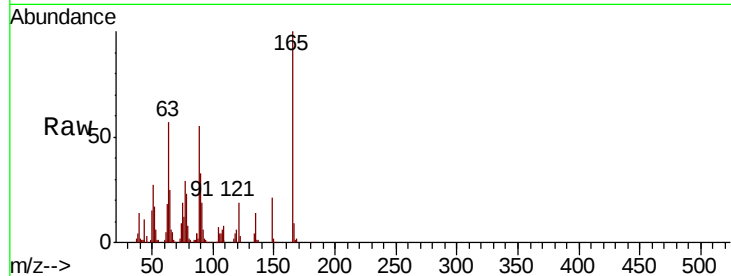




#51
 2,6-Dinitrotoluene
 Concen: 45.444 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

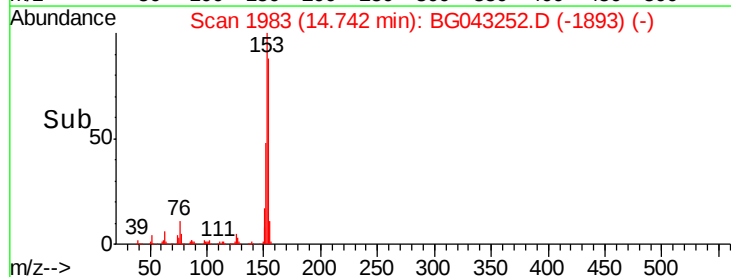
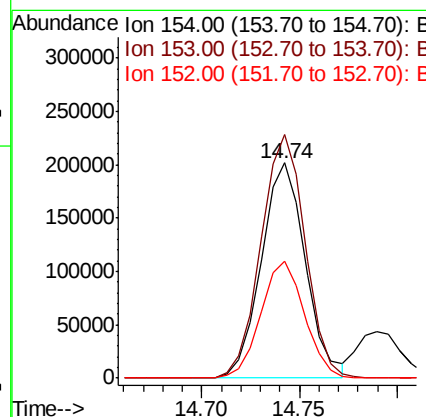
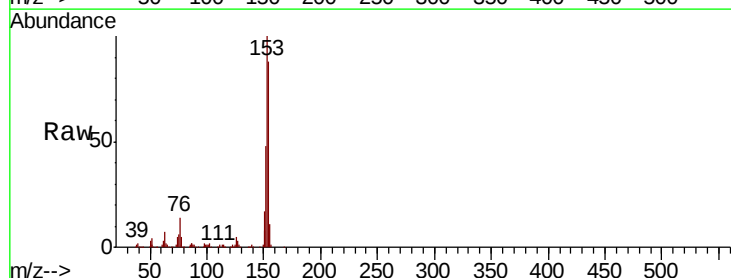
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

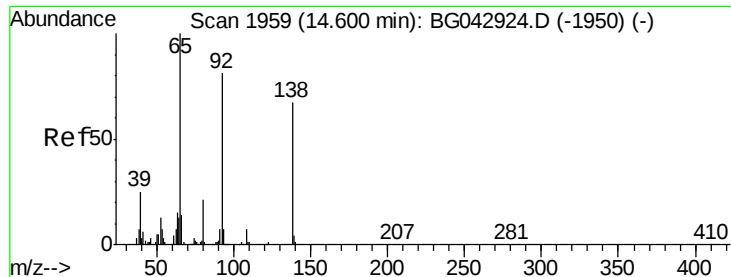
Tot Ion:165 Resp: 98966
 Ion Ratio Lower Upper
 165 100
 63 57.2 50.3 75.5
 89 55.2 48.9 73.3



#52
 Acenaphthene
 Concen: 39.776 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion:154 Resp: 316130
 Ion Ratio Lower Upper
 154 100
 153 113.1 91.4 137.0
 152 54.4 42.8 64.2





#53

3-Nitroaniline

Concen: 26.846 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

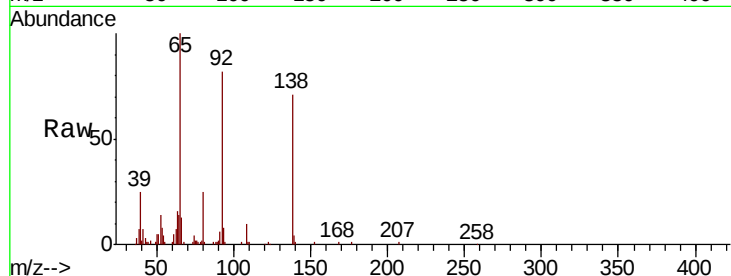
Tot Ion:138 Resp: 60418

Ion Ratio Lower Upper

138 100

108 13.7 7.9 11.9#

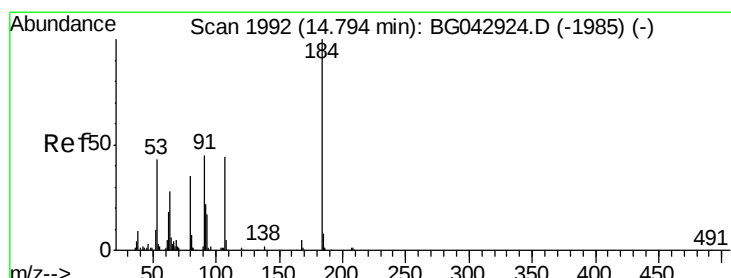
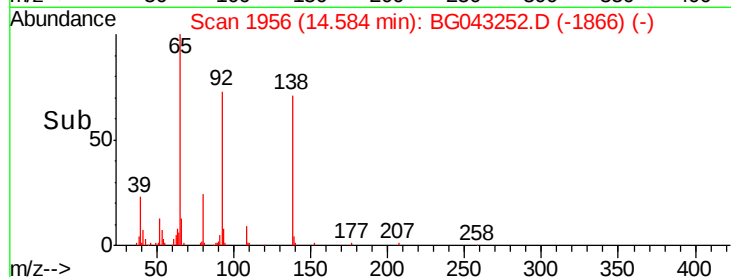
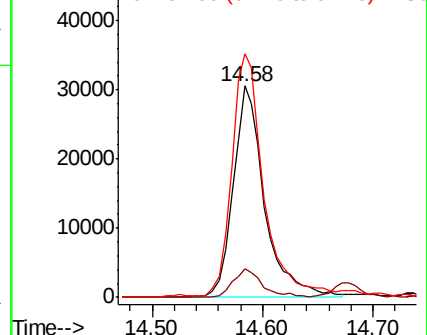
92 115.3 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 90.701 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

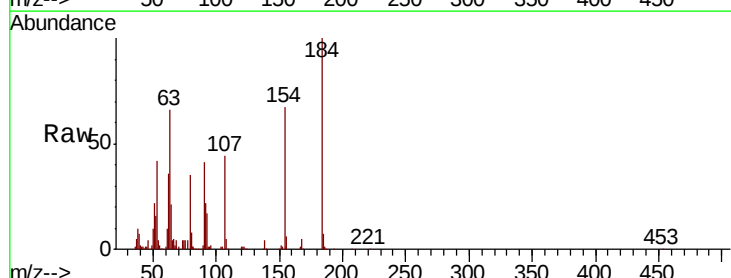
Tgt Ion:184 Resp: 122777

Ion Ratio Lower Upper

184 100

63 65.8 55.0 82.6

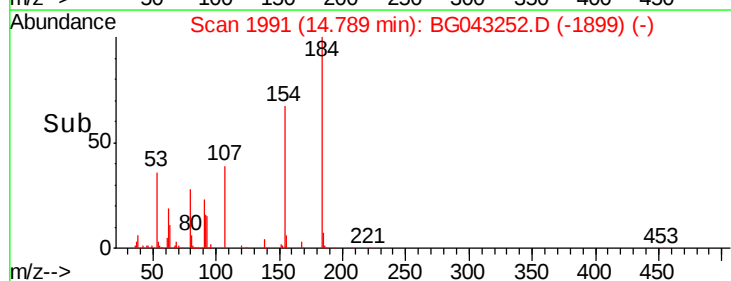
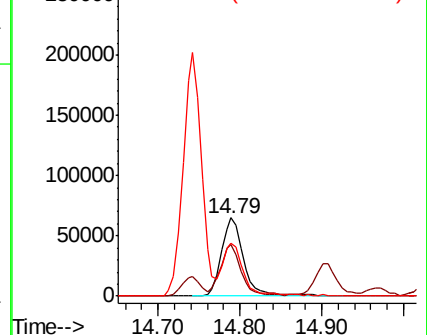
154 67.1 56.5 84.7

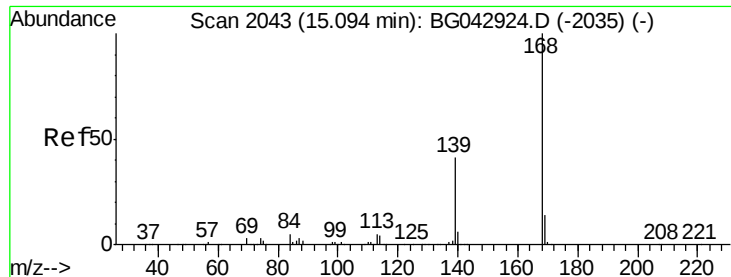


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

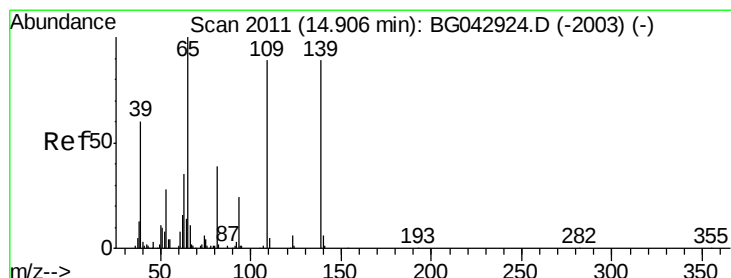
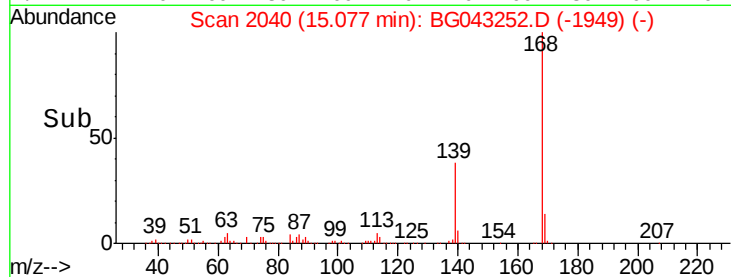
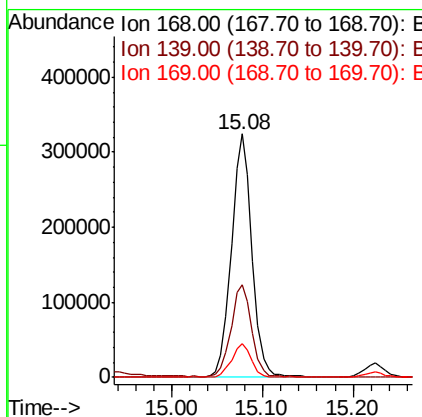
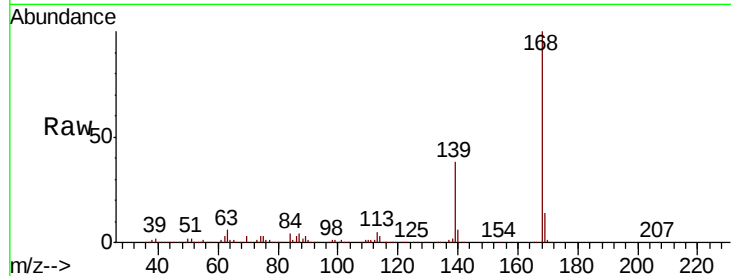




#55
Dibenzofuran
Concen: 43.503 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

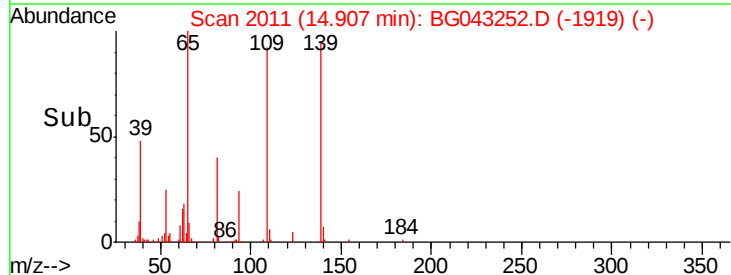
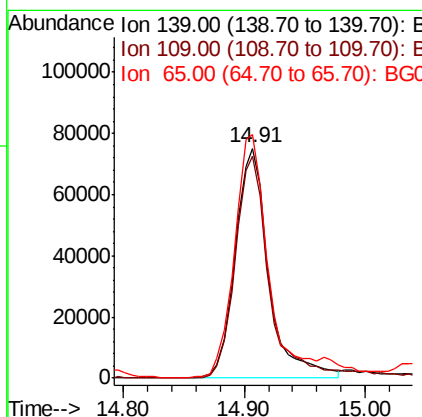
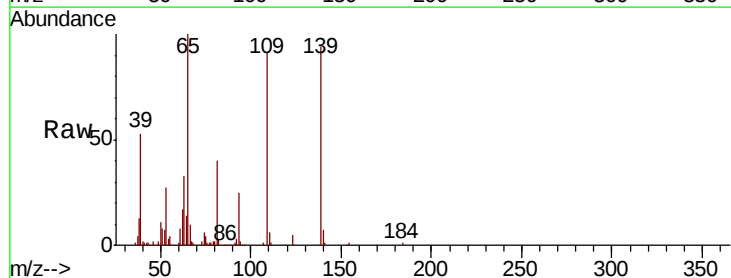
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

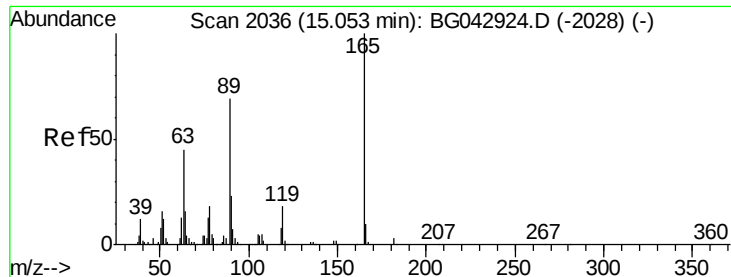
Tot Ion:168 Resp: 511472
Ion Ratio Lower Upper
168 100
139 37.9 32.6 48.8
169 13.8 11.2 16.8



#56
4-Nitrophenol
Concen: 84.990 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:139 Resp: 145740
Ion Ratio Lower Upper
139 100
109 96.7 79.4 119.4
65 105.9 92.5 132.5

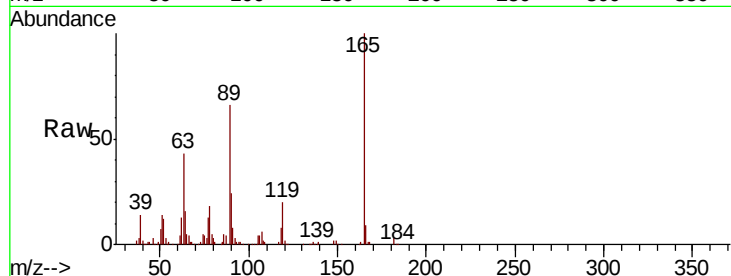




#57
 2,4-Dinitrotoluene
 Concen: 42.963 ng
 RT: 15.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.5	54.7
89	66.0	55.5	83.3
182	2.8	2.4	3.6

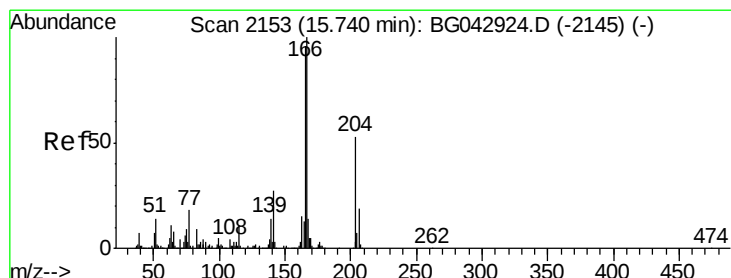
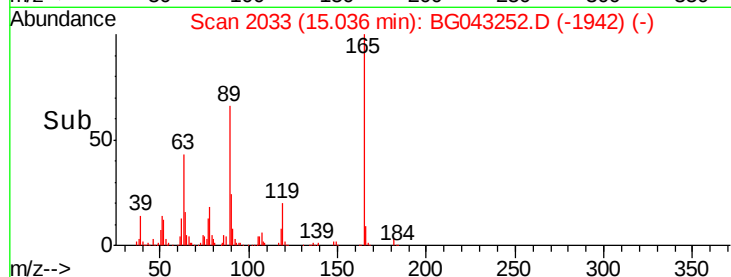
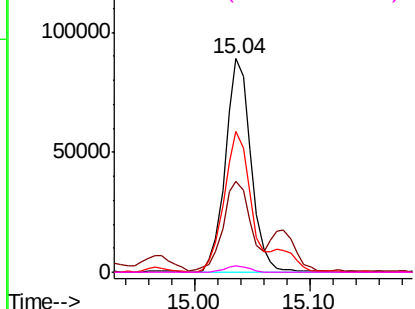


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

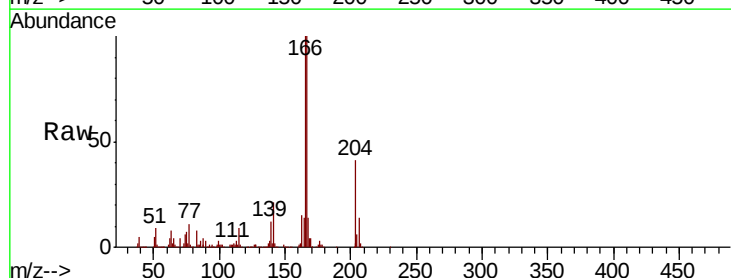
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.785 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

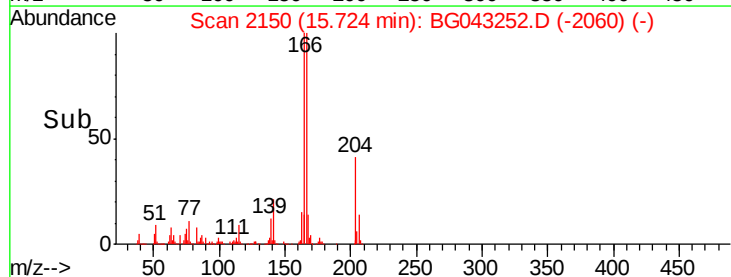
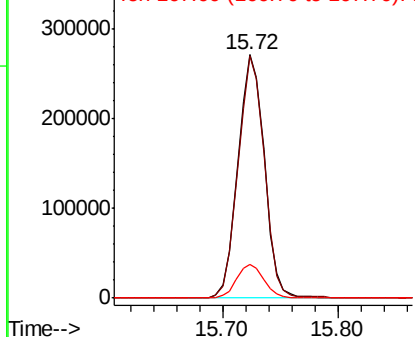
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.1	115.7
167	13.7	11.0	16.6

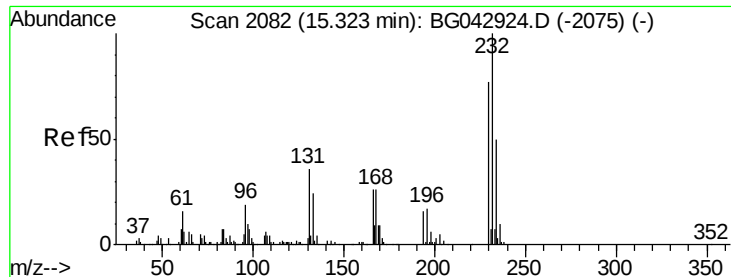


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

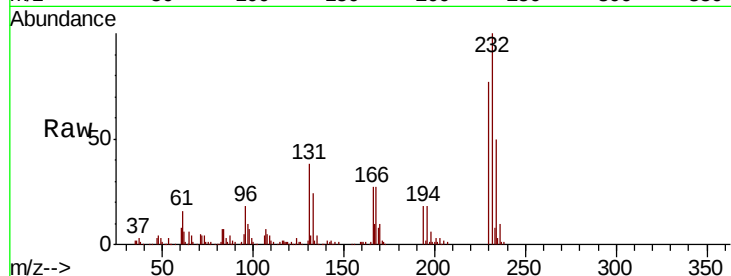




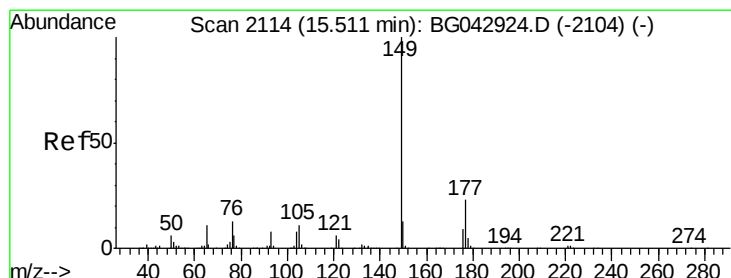
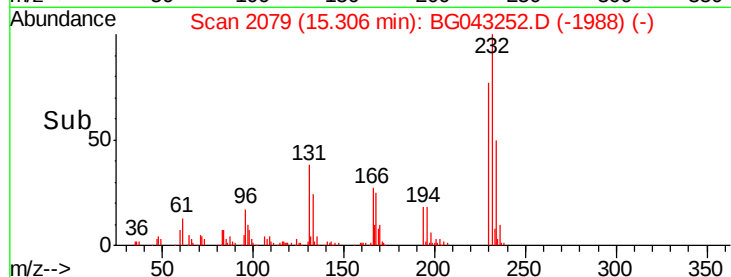
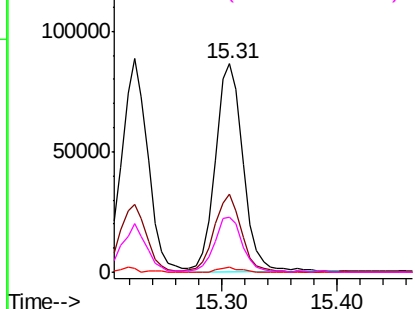
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.267 ng
RT: 15.31 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

Tot Ion:232	Resp:	142542
Ion Ratio	Lower	Upper
232	100	
131	36.7	29.6 44.4
130	1.9	1.9 2.9#
166	25.9	21.8 32.8

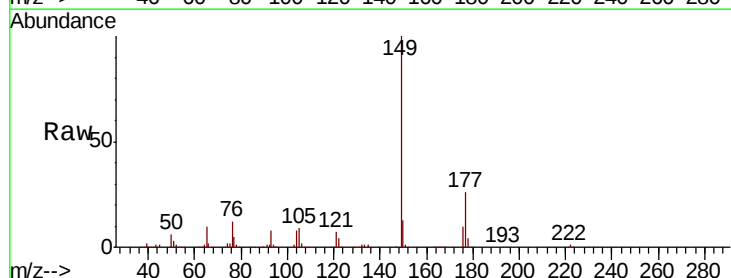


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

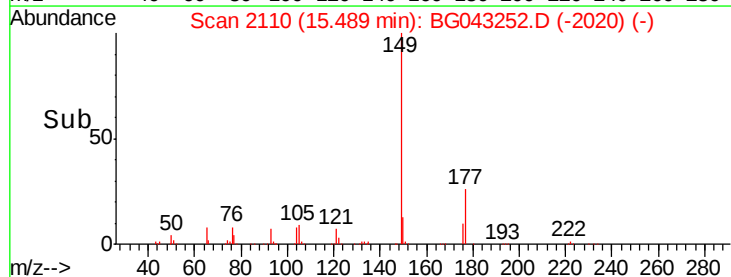
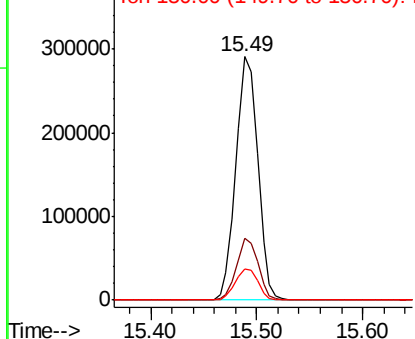


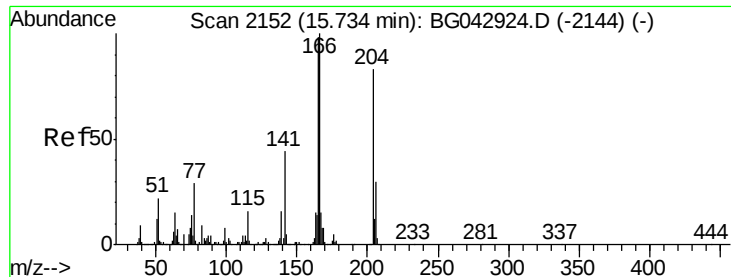
#60
Diethylphthalate
Concen: 39.969 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:149	Resp:	415965
Ion Ratio	Lower	Upper
149	100	
177	25.5	18.8 28.2
150	12.9	10.6 15.8



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

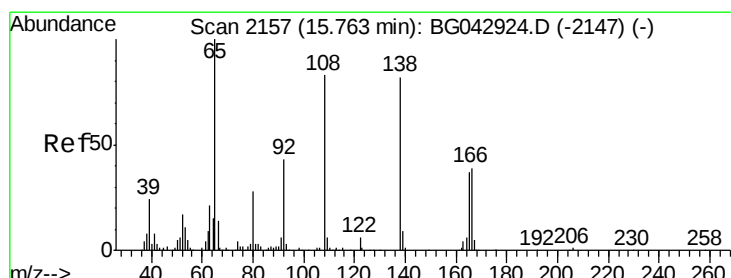
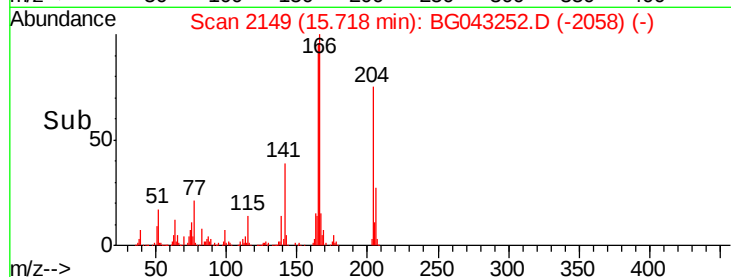
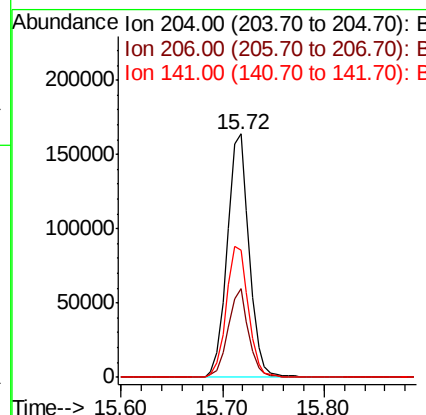
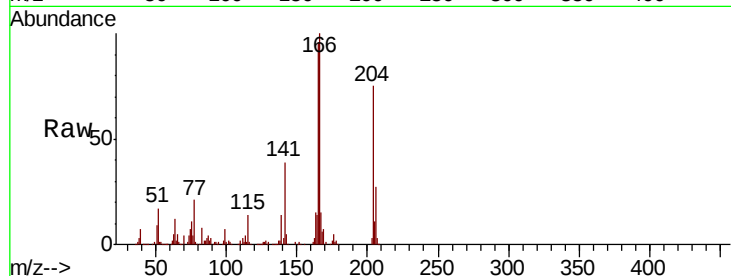




#61
4-Chlorophenyl-phenylether
Concen: 40.777 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

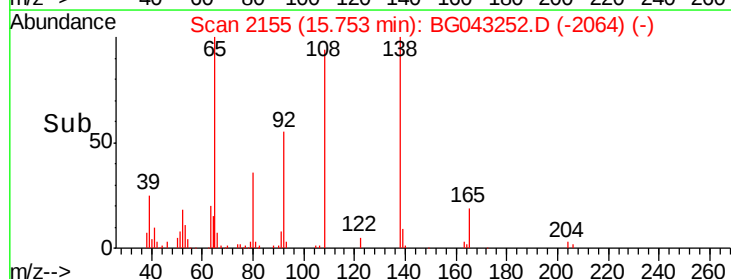
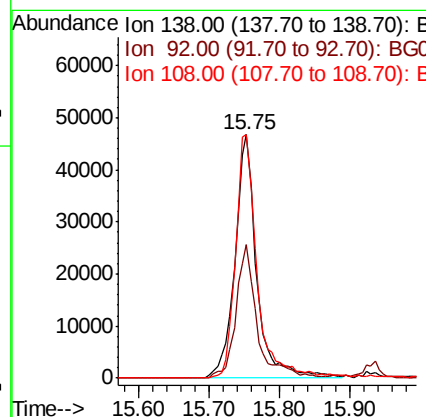
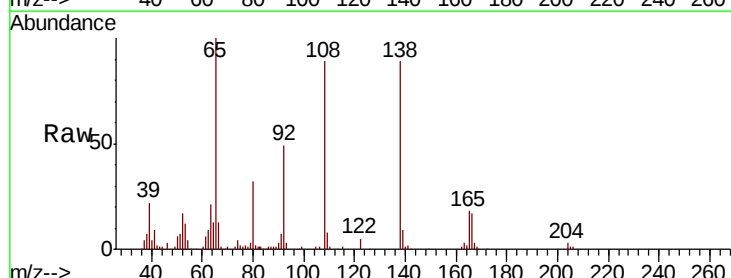
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

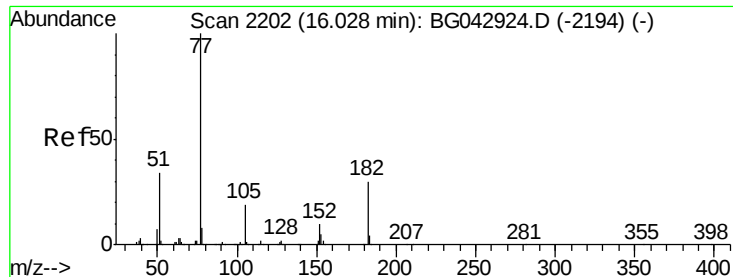
Tot Ion:204 Resp: 245474
Ion Ratio Lower Upper
204 100
206 36.4 28.5 42.7
141 52.4 42.4 63.6



#62
4-Nitroaniline
Concen: 40.786 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:138 Resp: 100110
Ion Ratio Lower Upper
138 100
92 54.8 32.9 72.9
108 100.0 81.3 121.3





#63

Azobenzene

Concen: 38.228 ng

RT: 16.01 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

Tot Ion: 77 Resp: 362212

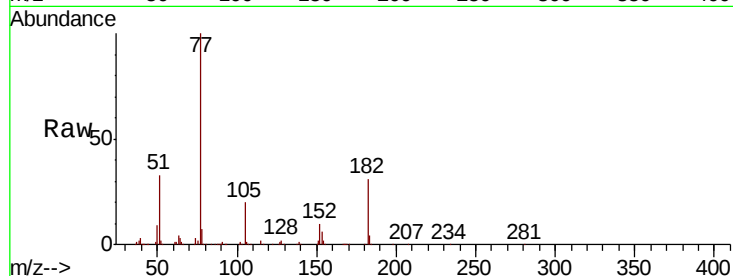
Ion Ratio Lower Upper

77 100

182 31.2 10.2 50.2

105 20.0 0.0 39.1

51 33.5 13.9 53.9

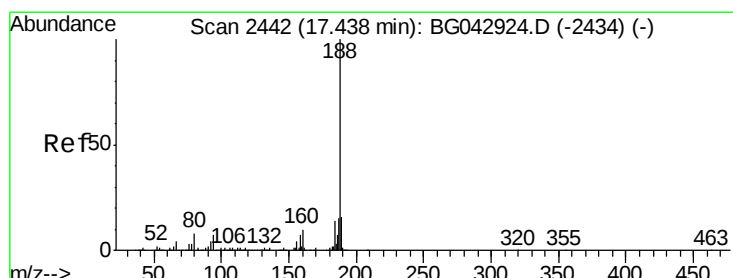
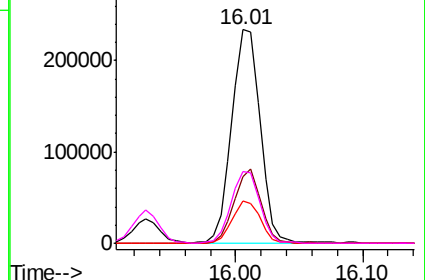
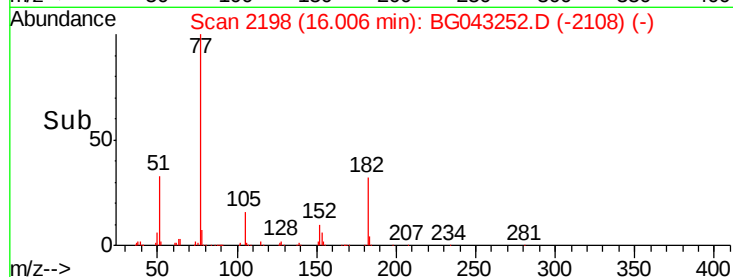


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

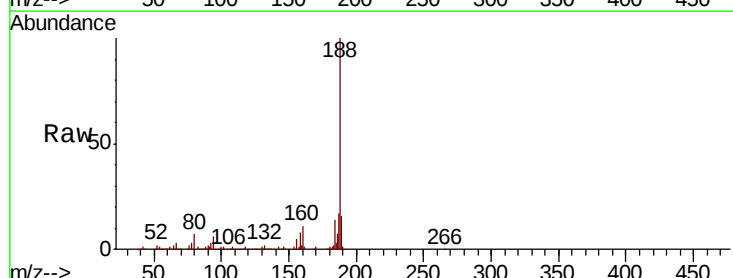
Tgt Ion: 188 Resp: 322191

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

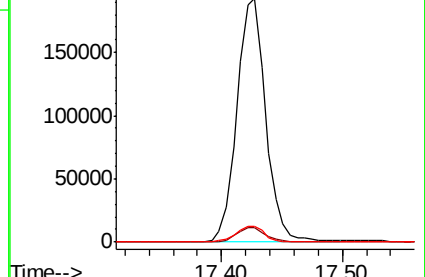
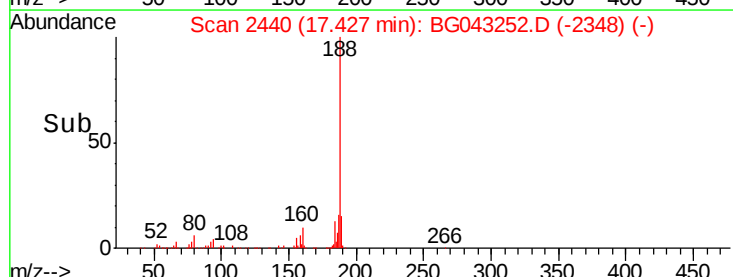
80 6.7 6.5 9.7

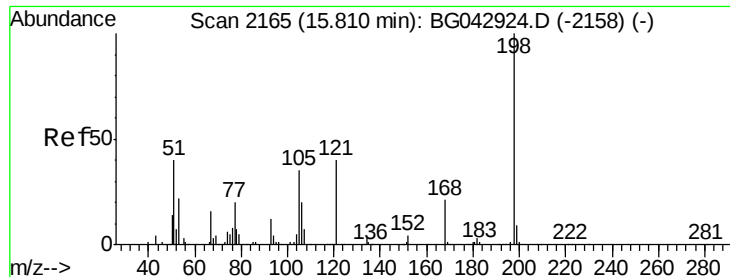


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

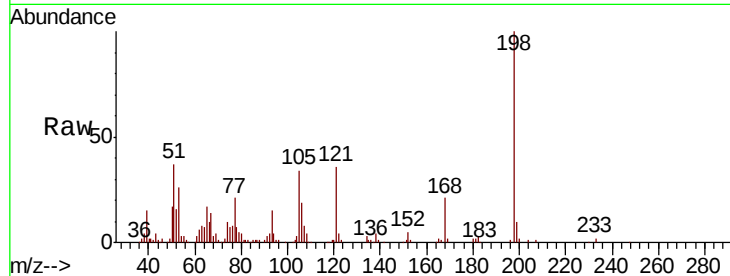




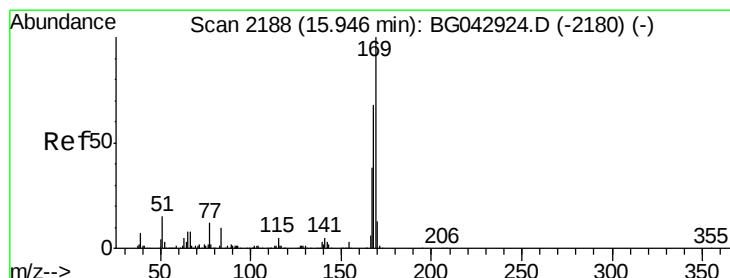
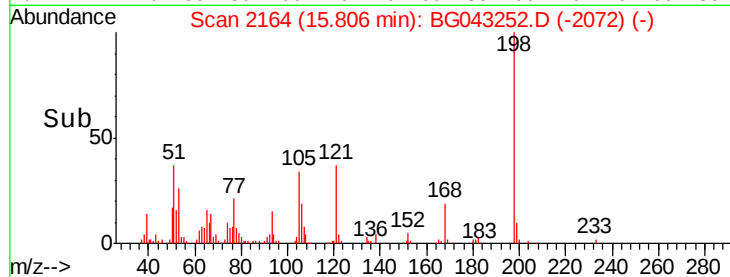
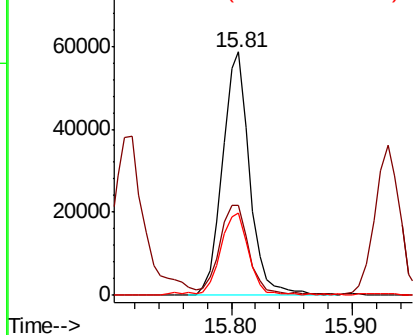
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.073 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.1	25.3	65.3
105	33.8	16.6	56.6

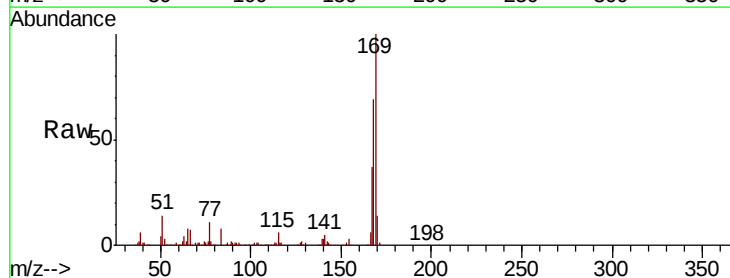


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

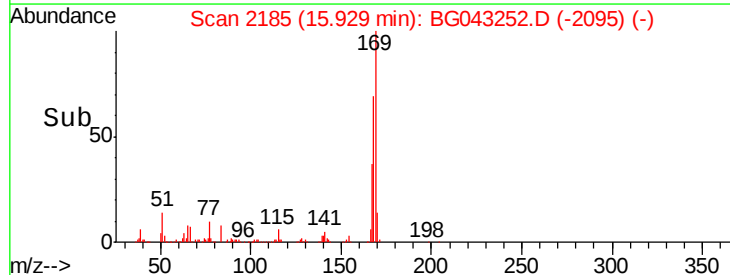
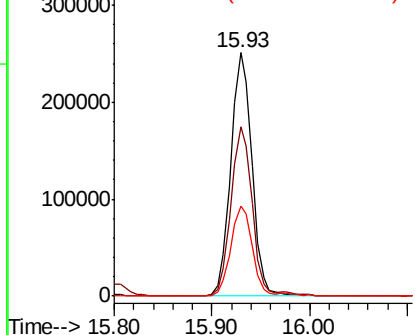


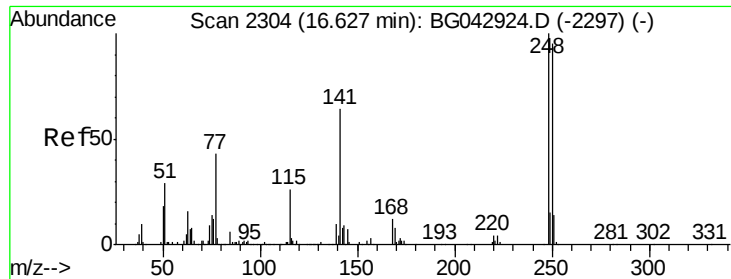
#66
 n-Nitrosodiphenylamine
 Concen: 44.532 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	54.8	82.2
167	37.2	30.6	46.0



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

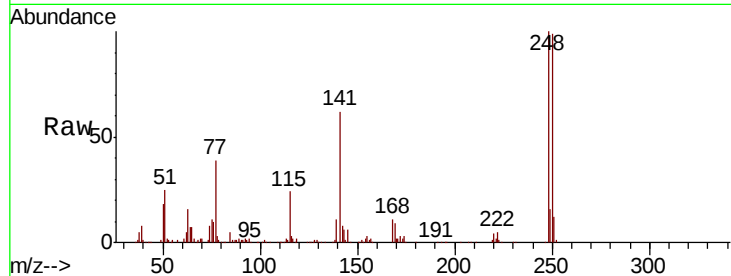




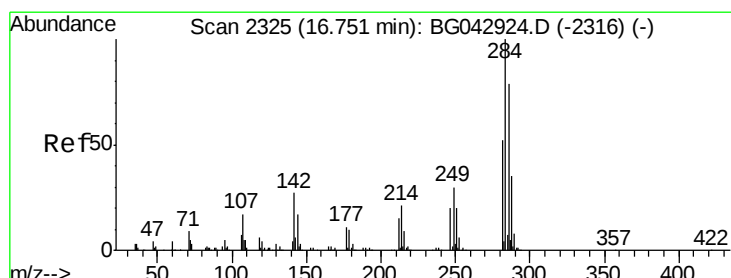
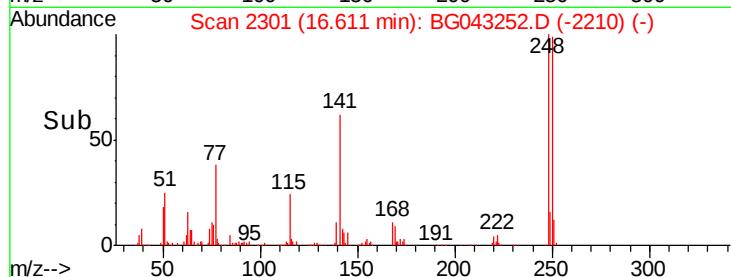
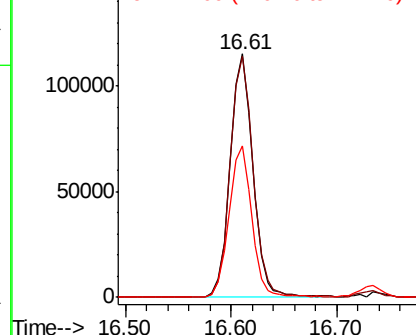
#67
 4-Bromophenyl-phenylether
 Concen: 42.679 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion:248 Resp: 172584
 Ion Ratio Lower Upper
 248 100
 250 99.3 75.8 113.8
 141 62.2 51.1 76.7

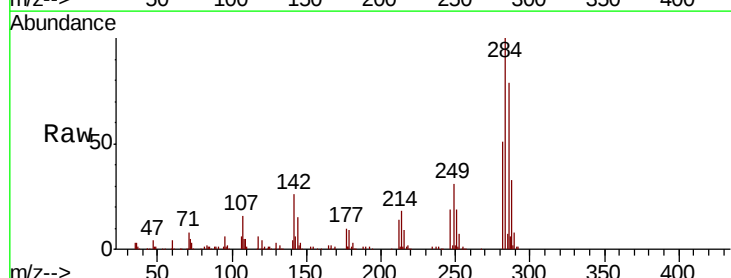


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

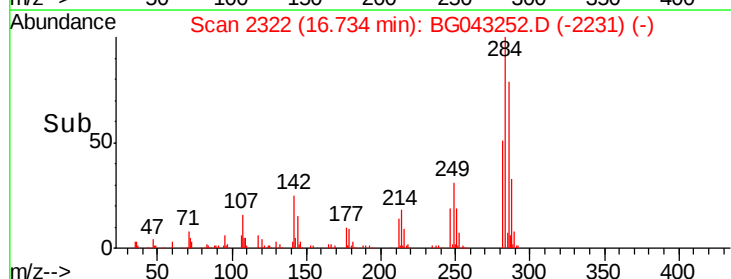
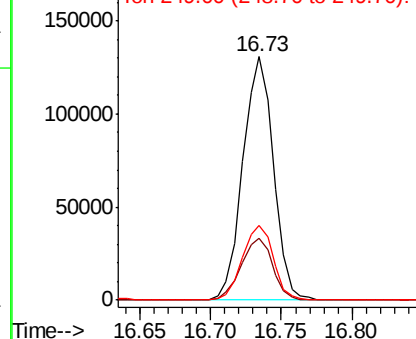


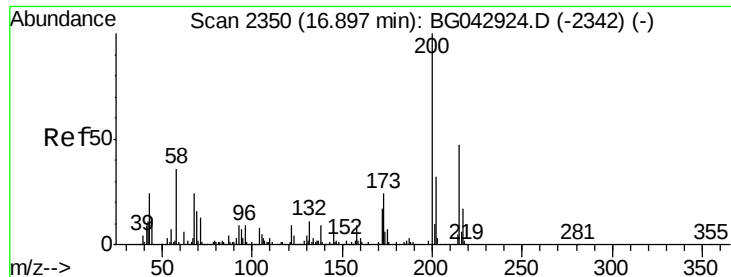
#68
 Hexachlorobenzene
 Concen: 43.998 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion:284 Resp: 198102
 Ion Ratio Lower Upper
 284 100
 142 25.6 21.6 32.4
 249 30.6 24.1 36.1



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

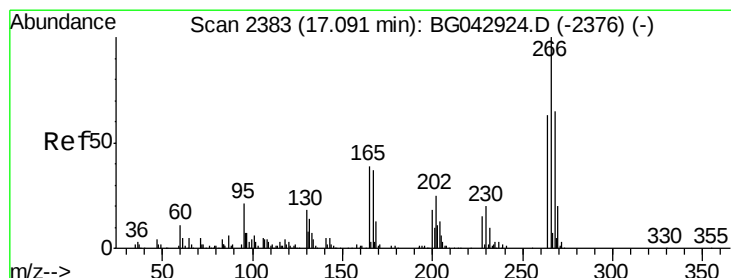
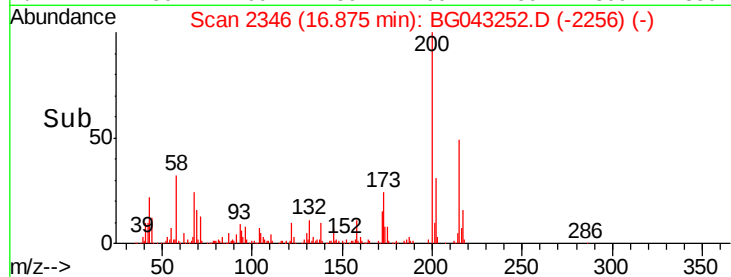
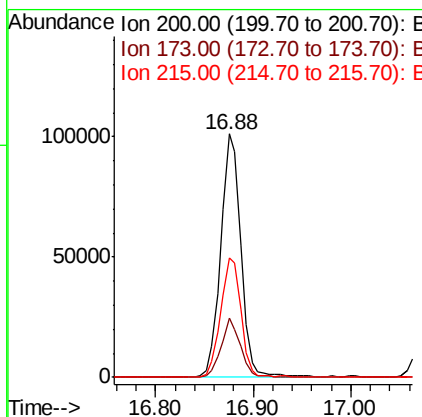
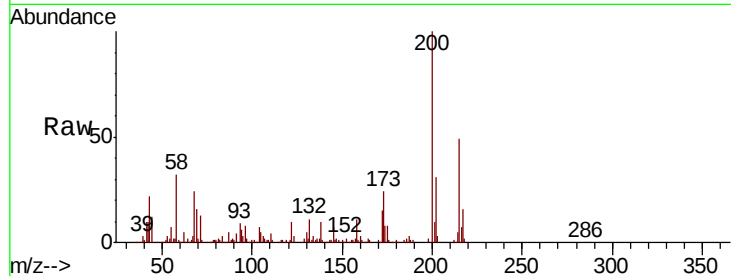




#69
Atrazine
Concen: 40.595 ng
RT: 16.88 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

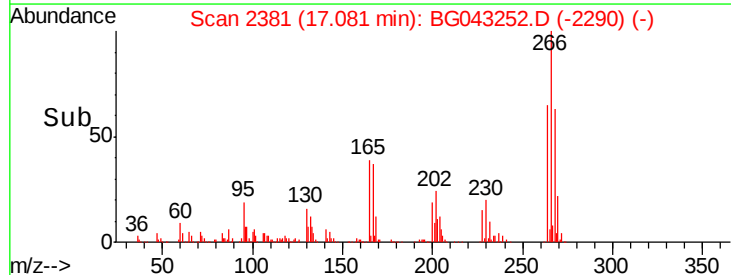
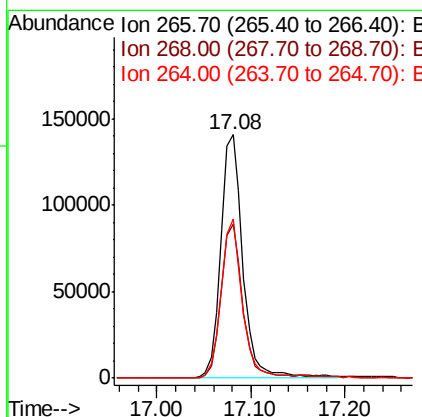
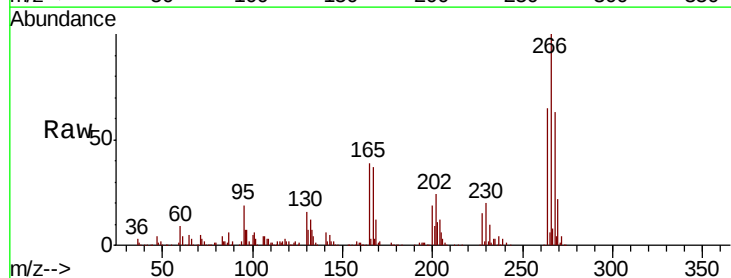
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

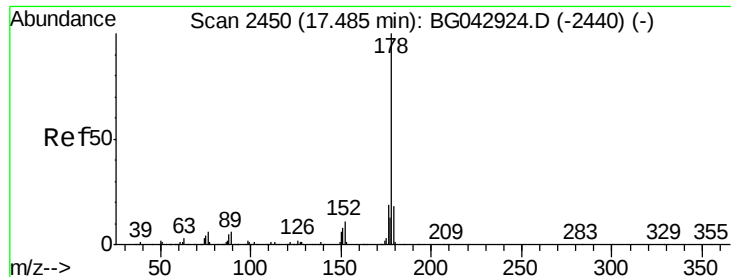
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.0	44.0
215	49.1	27.4	67.4



#70
Pentachlorophenol
Concen: 89.085 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.2	78.2
264	65.3	50.7	76.1





#71

Phenanthrene

Concen: 43.708 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

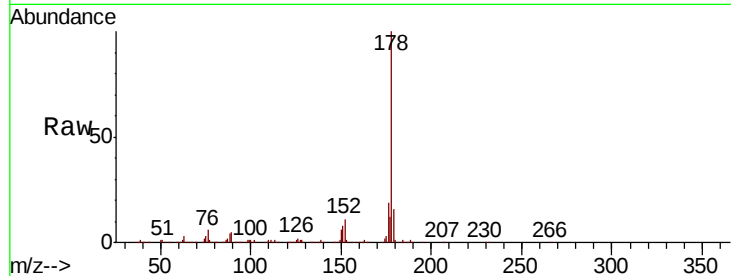
Tot Ion:178 Resp: 687498

Ion Ratio Lower Upper

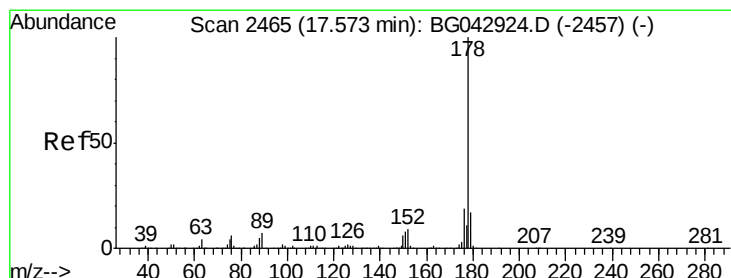
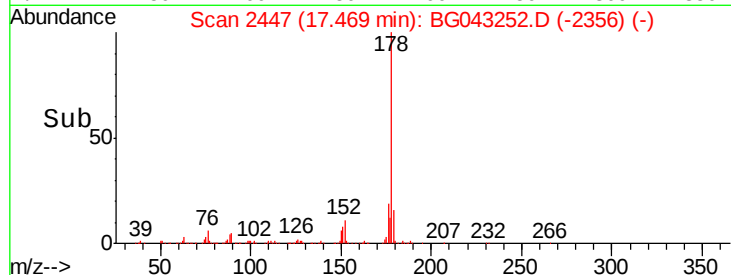
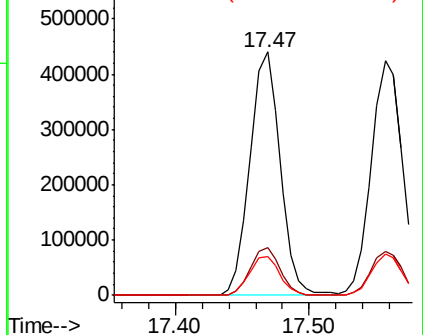
178 100

176 19.5 15.1 22.7

179 16.1 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.925 ng

RT: 17.56 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

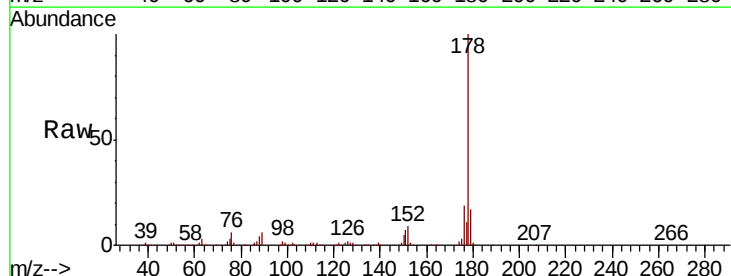
Tgt Ion:178 Resp: 705462

Ion Ratio Lower Upper

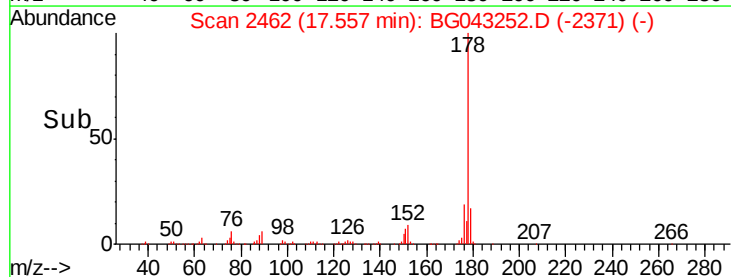
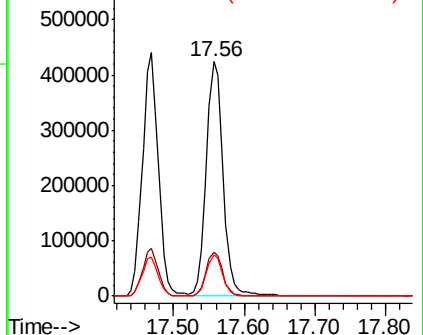
178 100

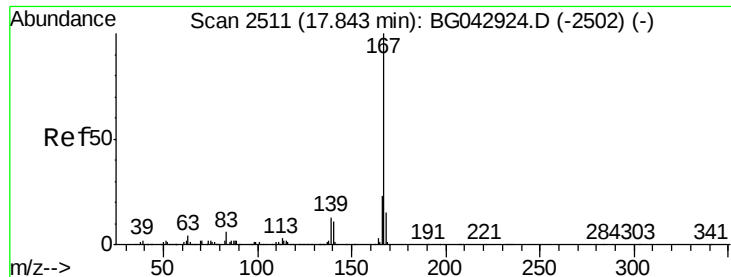
176 18.7 15.5 23.3

179 17.4 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

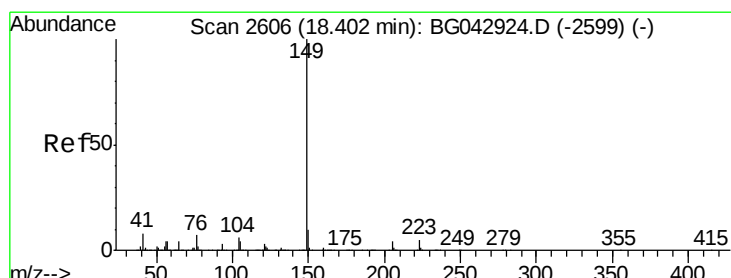
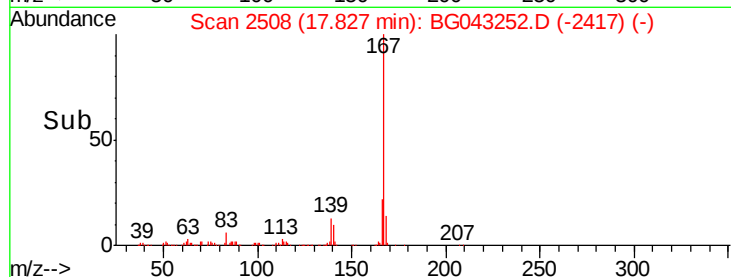
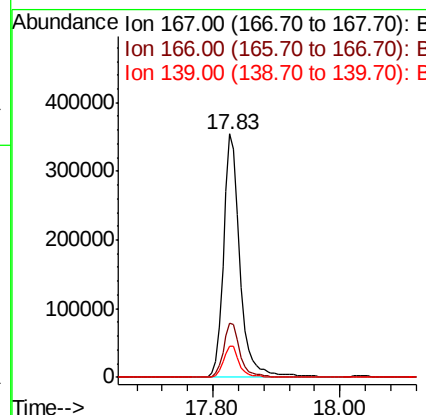
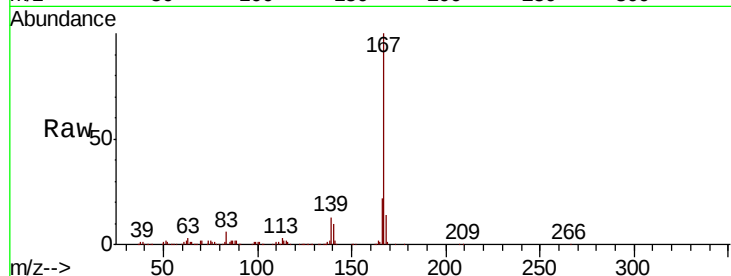




#73
 Carbazole
 Concen: 44.080 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

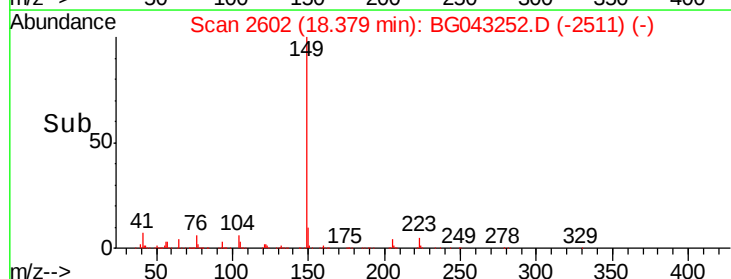
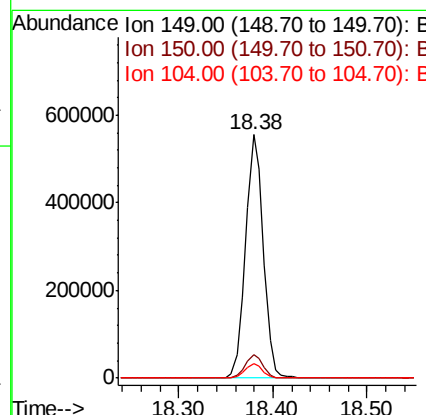
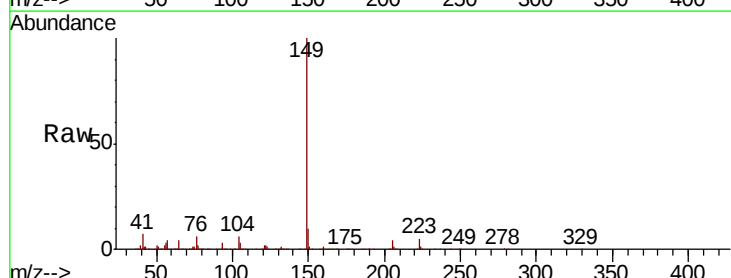
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MS

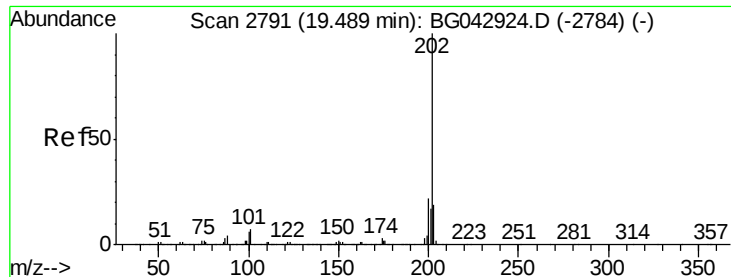
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.6	28.0
139	12.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.714 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043252.D
 Acq: 16 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 43.868 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

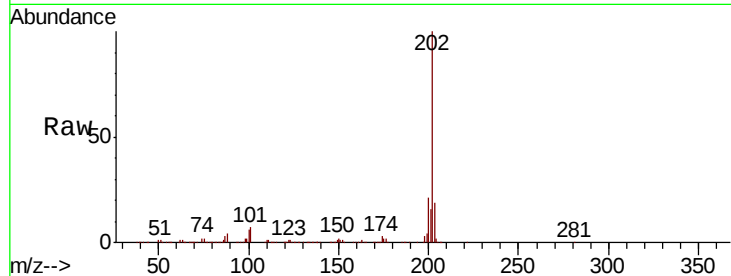
Tot Ion:202 Resp: 912679

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.3

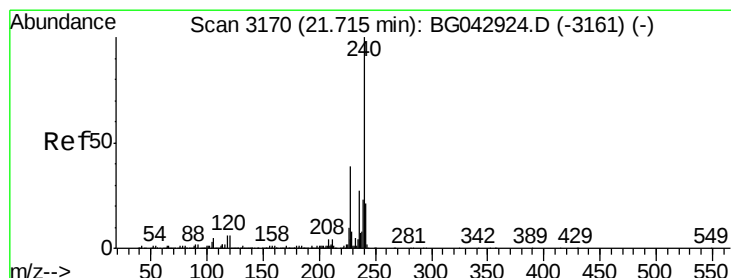
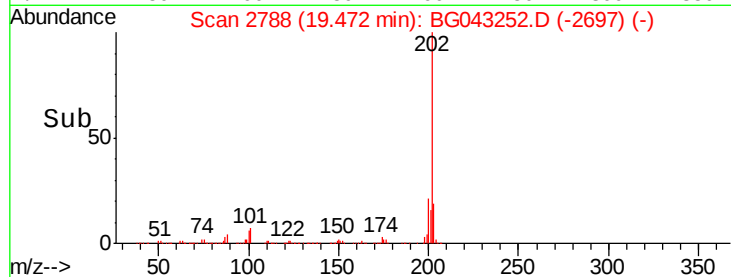
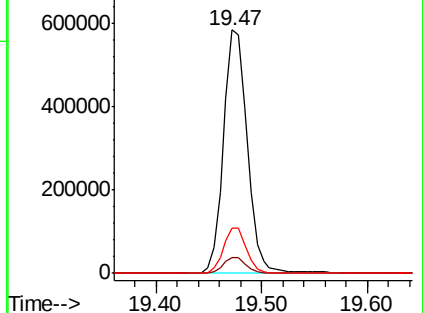
203 18.7 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

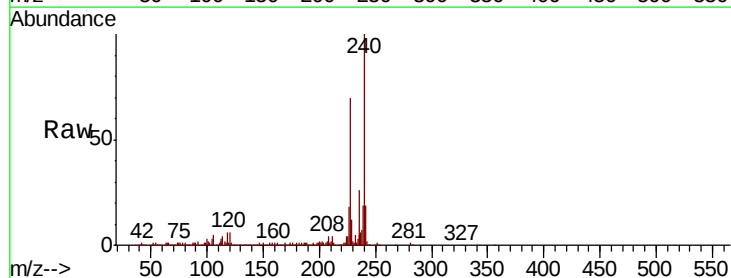
Tgt Ion:240 Resp: 347353

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

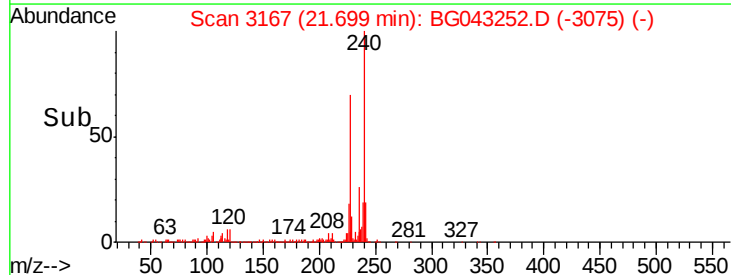
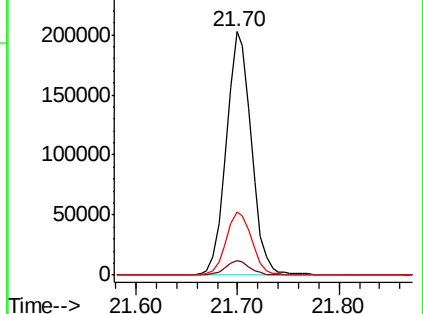
236 25.7 21.4 32.0

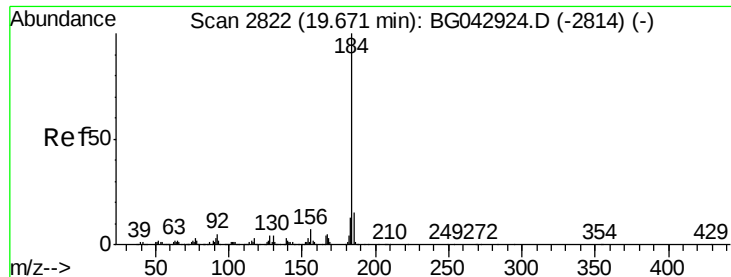


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.205 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

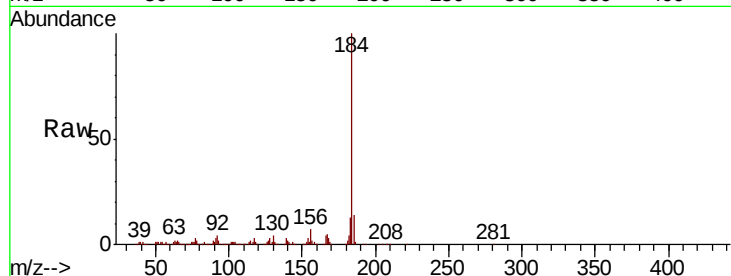
BNA_G

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:184 Resp: 427950

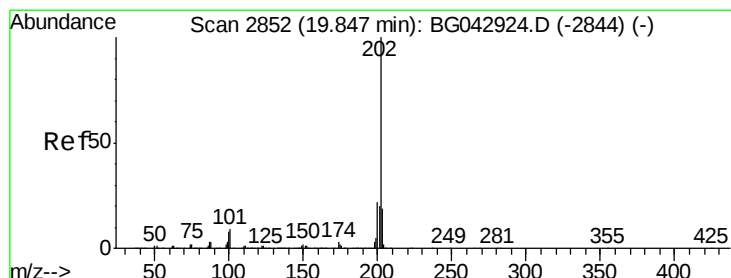
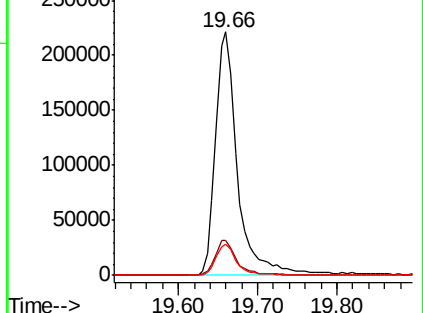
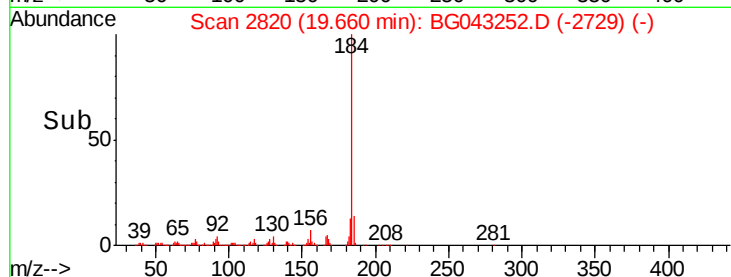
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	12.6	10.1	15.1



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: 44.276 ng

RT: 19.84 min Scan# 2850

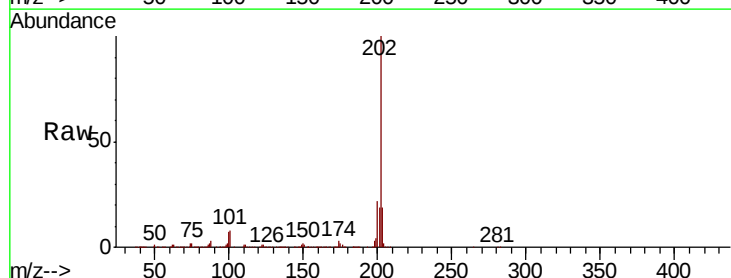
Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Tgt Ion:202 Resp: 917948

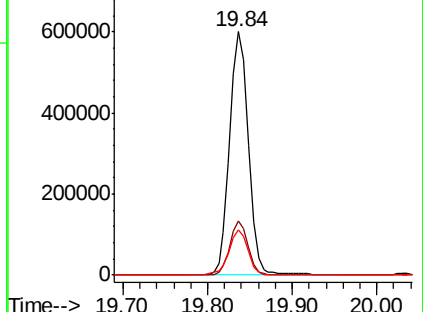
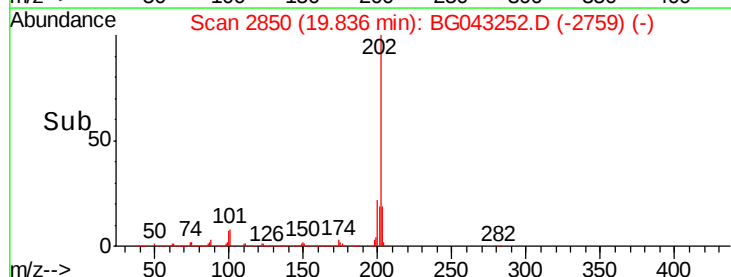
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.7	15.2	22.8

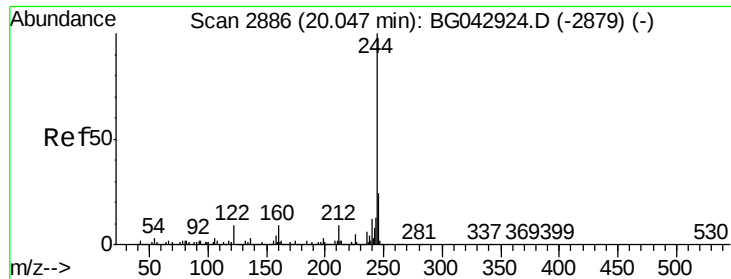


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.681 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

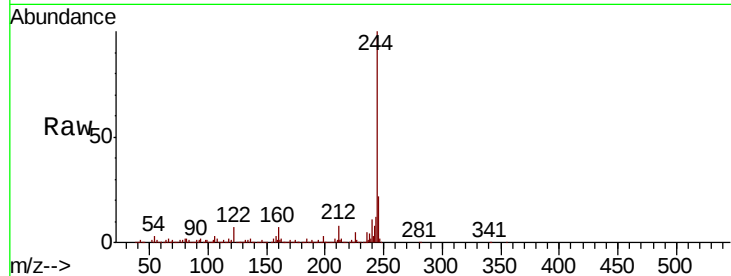
BNA_G

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:244 Resp: 1249967

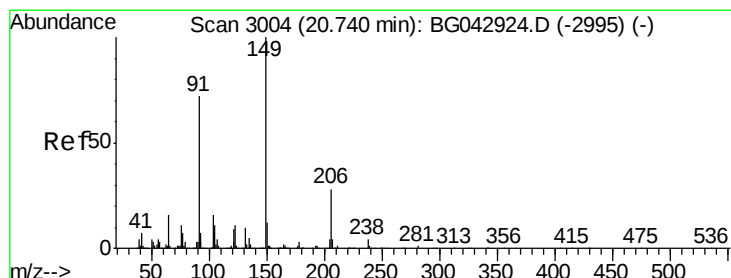
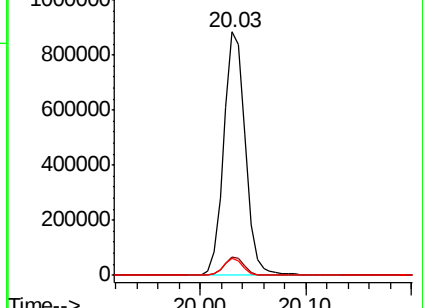
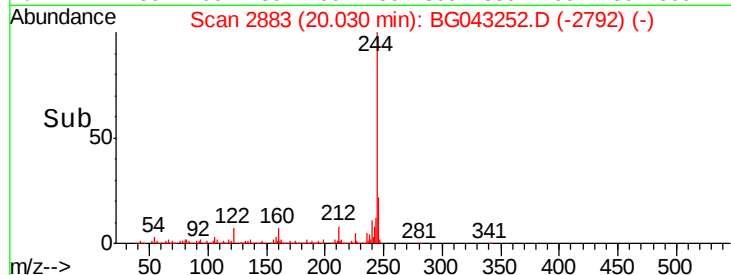
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.2	7.0	10.4



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: 41.951 ng

RT: 20.72 min Scan# 3000

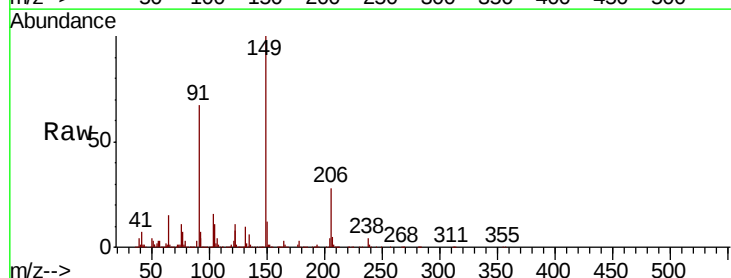
Delta R.T. 0.00 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Tgt Ion:149 Resp: 330134

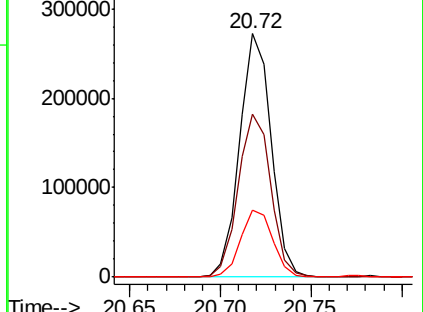
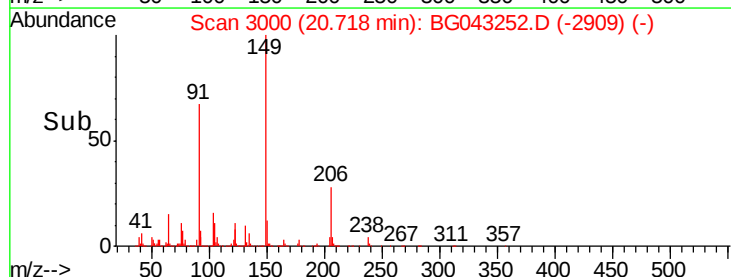
Ion	Ratio	Lower	Upper
149	100		
91	67.2	57.7	86.5
206	27.7	22.6	33.8

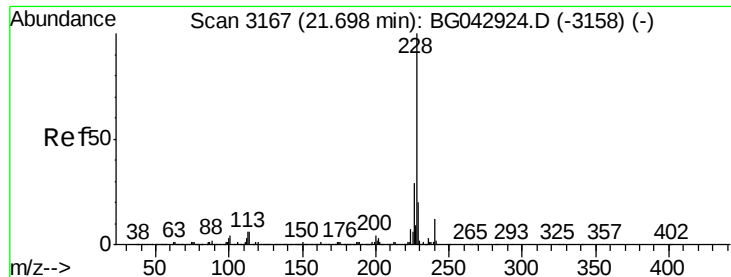


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.512 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

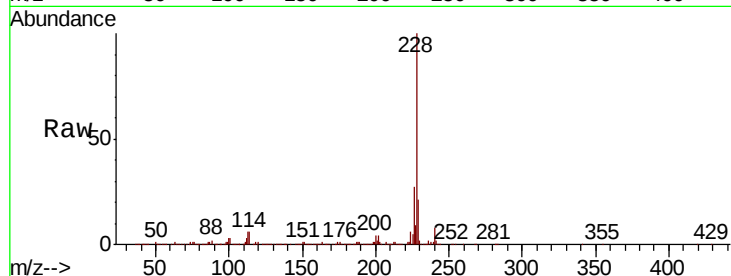
BNA_G

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:228 Resp: 920105

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	21.2	16.3	24.5

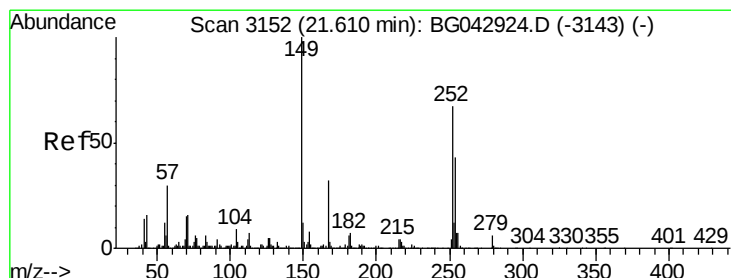
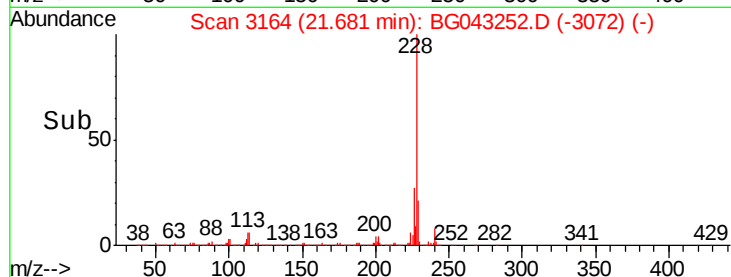
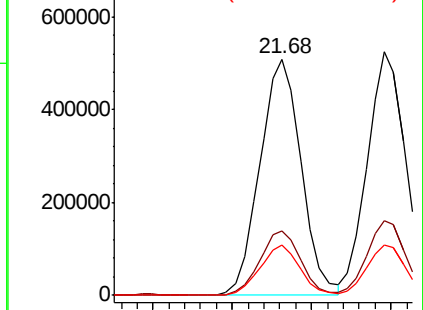


Abundance

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: 30.254 ng

RT: 21.59 min Scan# 3149

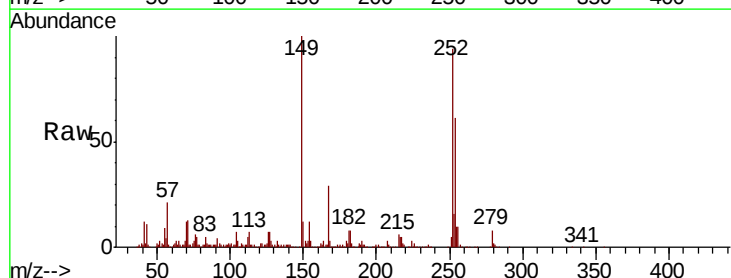
Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Tgt Ion:252 Resp: 256821

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	7.1	6.1	9.1

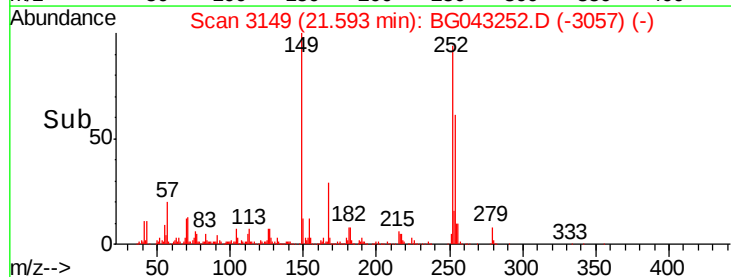
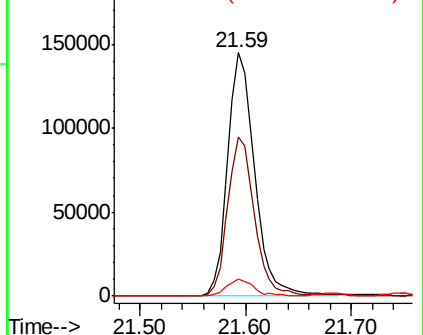


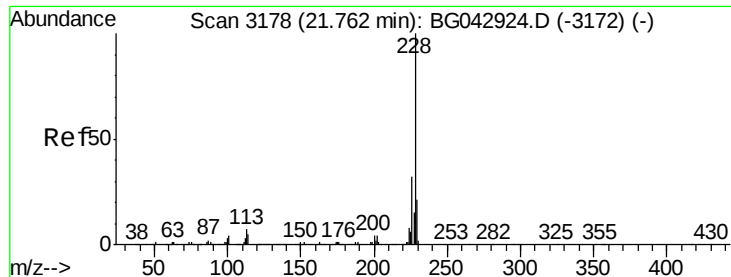
Abundance

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: 42.386 ng

RT: 21.75 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

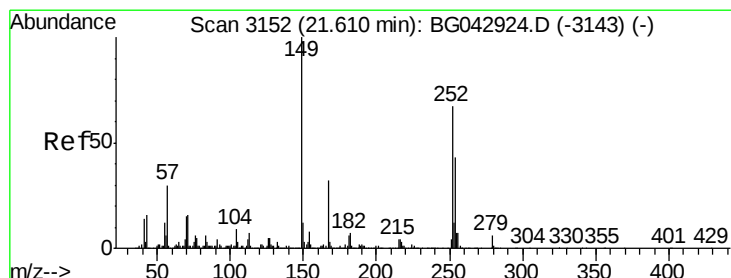
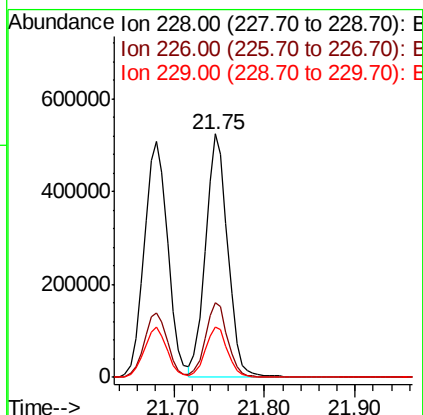
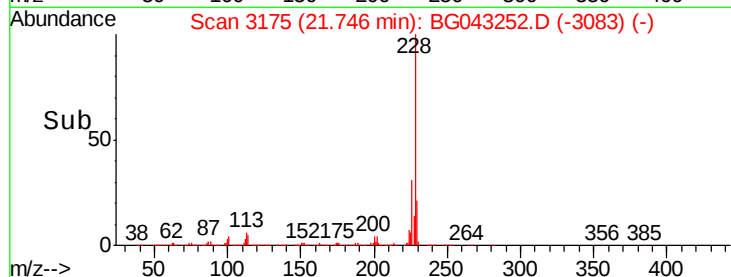
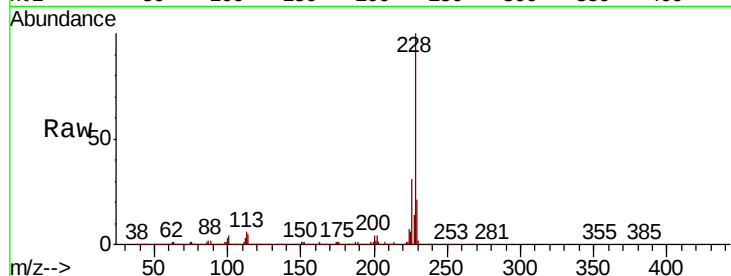
BNA_G

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:228 Resp: 890246

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.6	38.4
229	20.7	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.127 ng

RT: 21.58 min Scan# 3147

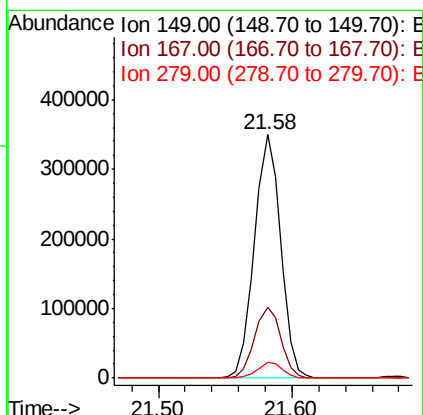
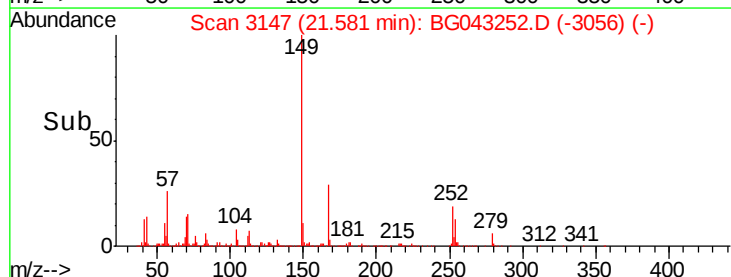
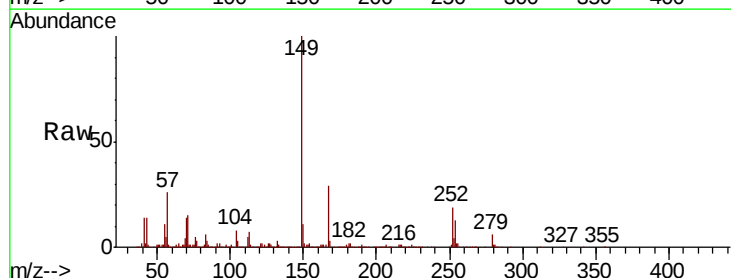
Delta R.T. 0.00 min

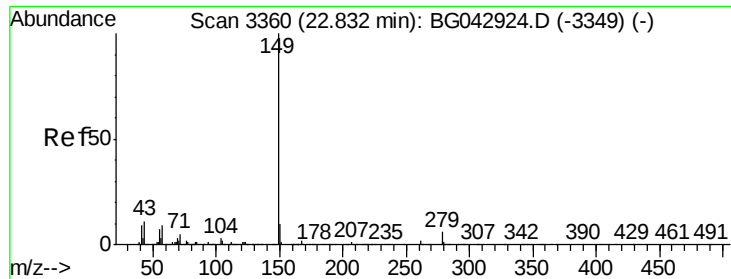
Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Tgt Ion:149 Resp: 471722

Ion	Ratio	Lower	Upper
149	100		
167	29.1	25.4	38.2
279	6.3	5.1	7.7

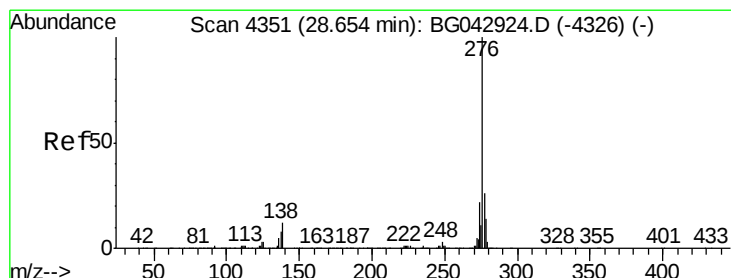
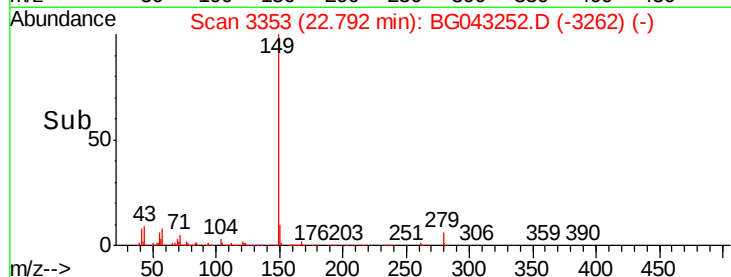
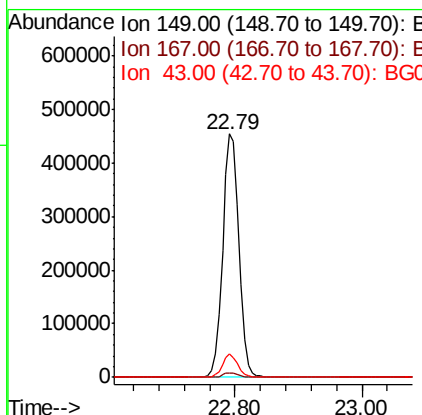
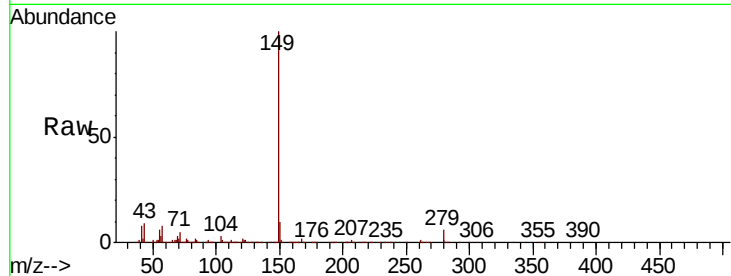




#85
Di-n-octyl phthalate
Concen: 44.344 ng
RT: 22.79 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

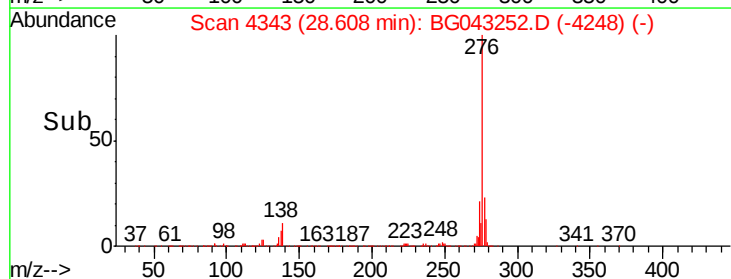
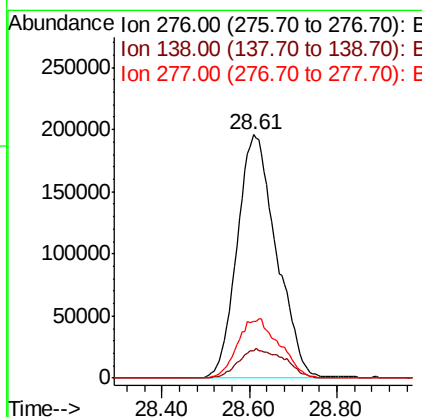
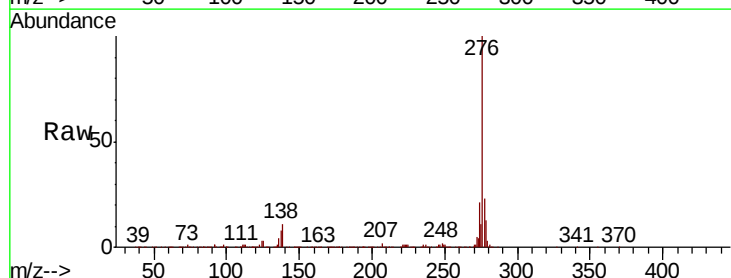
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

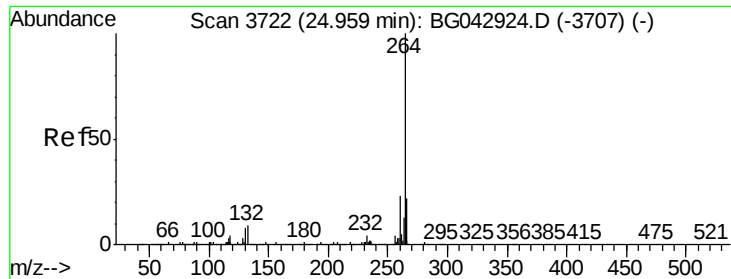
Tot Ion:149 Resp: 811974
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.9 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.565 ng
RT: 28.61 min Scan# 4343
Delta R.T. 0.03 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Tgt Ion:276 Resp: 1191389
Ion Ratio Lower Upper
276 100
138 13.9 7.0 10.6#
277 26.0 20.9 31.3

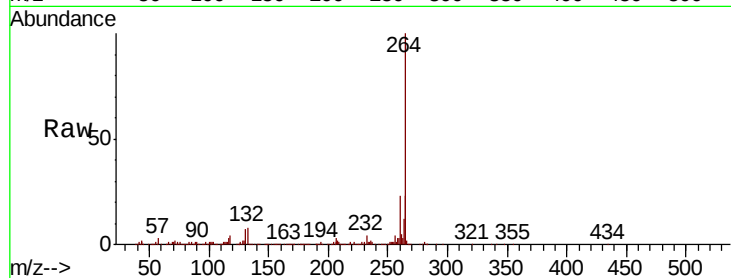




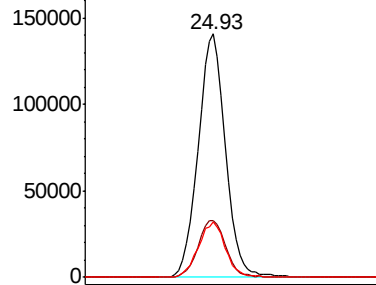
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MS

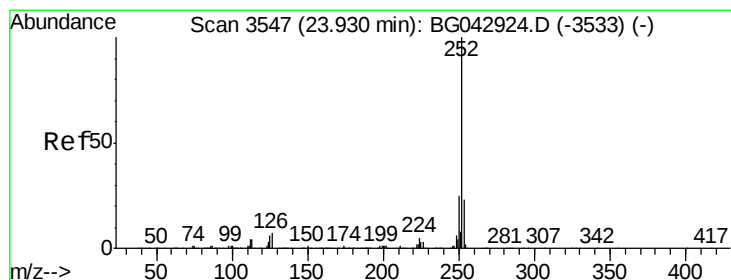
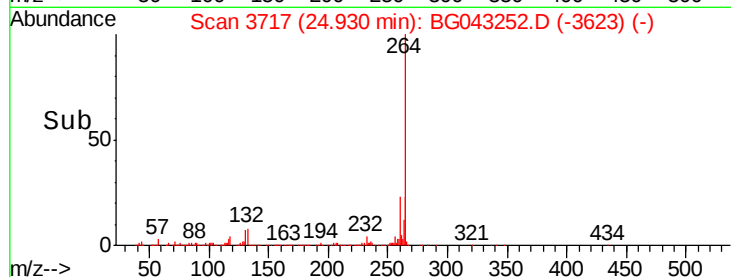
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	23.0	17.7	26.5



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

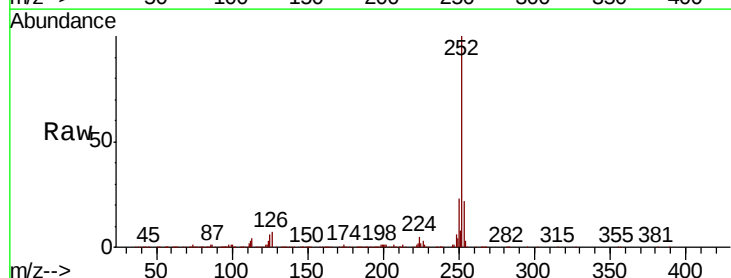


Time-->

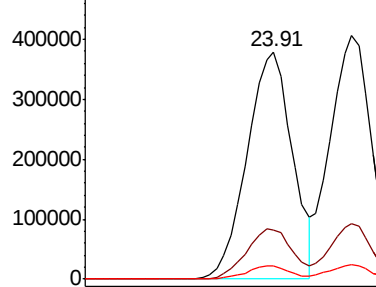


#88
Benzo(b)fluoranthene
Concen: 42.606 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043252.D
Acq: 16 Oct 2019 19:36

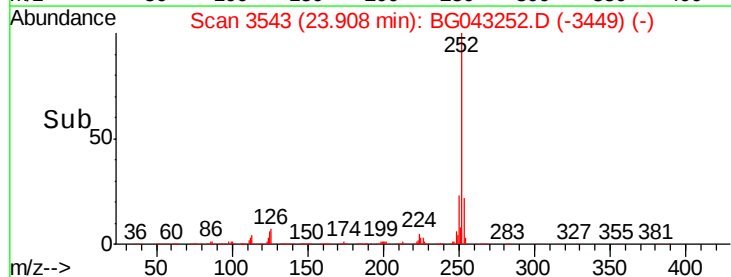
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	5.7	4.6	7.0

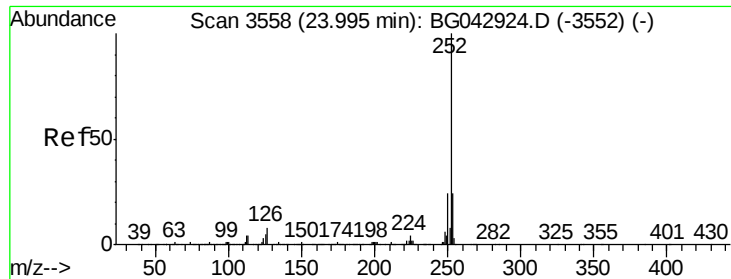


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 42.913 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

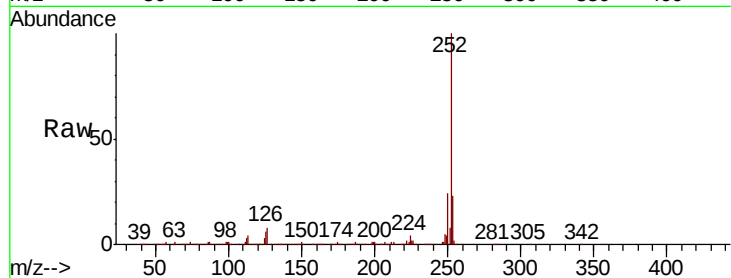
Tot Ion:252 Resp: 981196

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

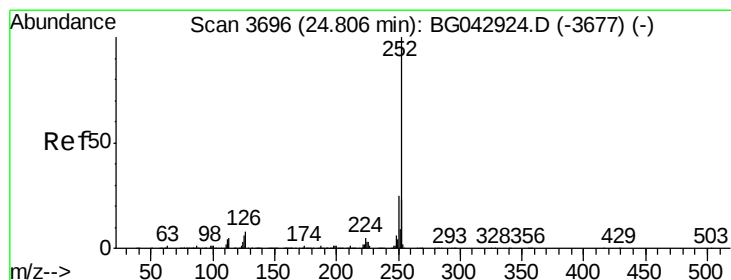
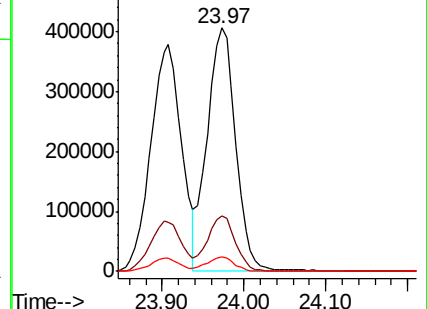
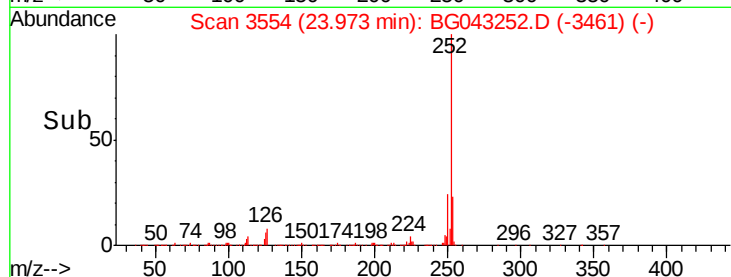
125 5.9 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.752 ng

RT: 24.78 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

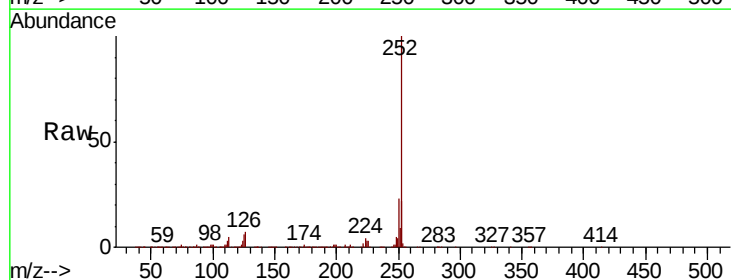
Tgt Ion:252 Resp: 975854

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

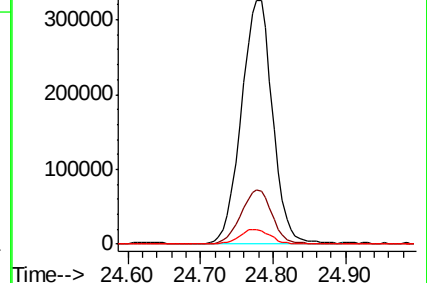
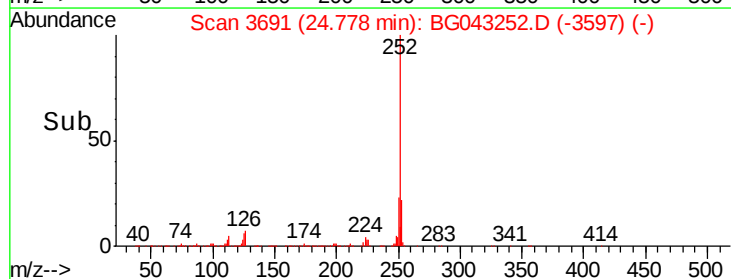
125 6.2 5.0 7.6

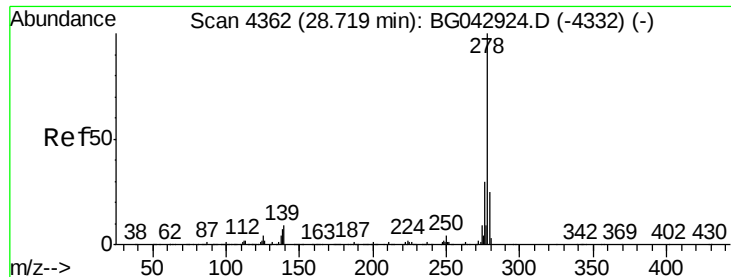


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.034 ng

RT: 28.68 min Scan# 4355

Delta R.T. 0.04 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MS

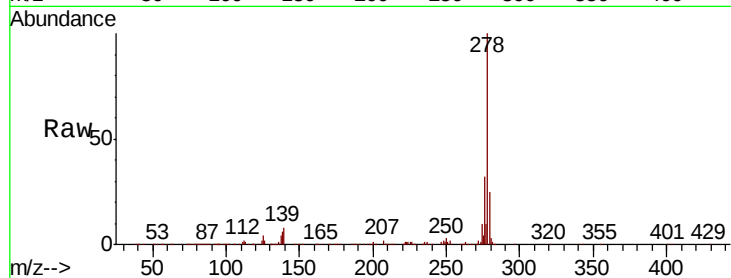
Tot Ion:278 Resp: 1006959

Ion Ratio Lower Upper

278 100

139 8.2 6.8 10.2

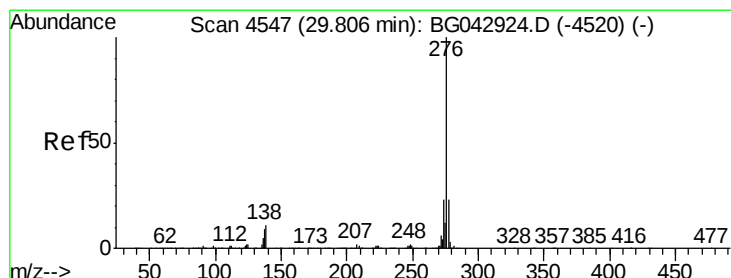
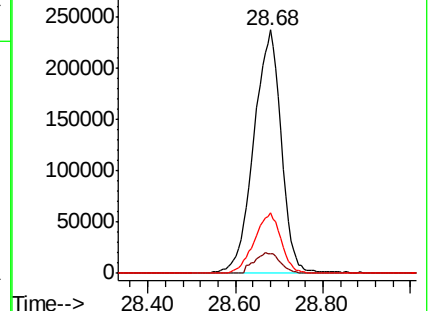
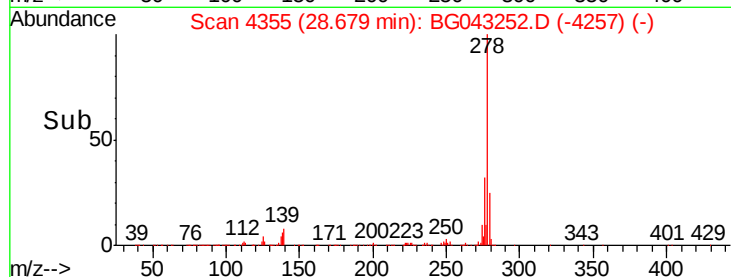
279 24.9 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.884 ng

RT: 29.77 min Scan# 4540

Delta R.T. 0.04 min

Lab File: BG043252.D

Acq: 16 Oct 2019 19:36

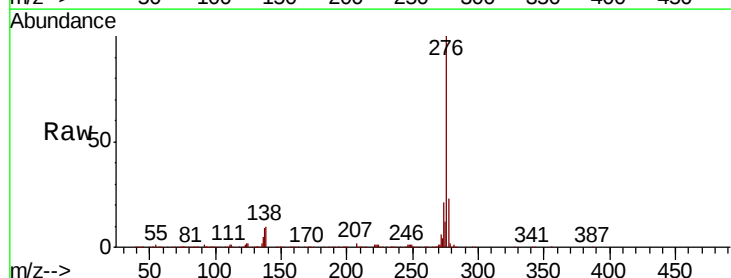
Tgt Ion:276 Resp: 994082

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 10.5 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

