

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043253.D
 Acq On : 16 Oct 2019 20:14
 Operator : JU
 Sample : K5374-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Quant Time: Oct 17 01:54:25 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	51868	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195350	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	137378	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	312193	20.00	ng	0.00
76) Chrysene-d12	21.70	240	333374	20.00	ng	0.00
87) Perylene-d12	24.93	264	403970	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	328700	113.10	ng	0.00
7) Phenol-d6	7.23	99	468151	111.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	284947	70.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	277773	117.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	699757	73.84	ng	0.00
79) Terphenyl-d14	20.03	244	1230639	78.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37535	30.976	ng	89
3) Pyridine	3.92	79	93709	27.495	ng	88
4) n-Nitrosodimethylamine	3.84	42	58068	35.430	ng	# 93
6) Aniline	7.38	93	152427	30.170	ng	99
8) 2-Chlorophenol	7.62	128	134748	44.457	ng	96
9) Benzaldehyde	7.19	77	73033	28.556	ng	90
10) Phenol	7.26	94	174689	45.492	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	116316	39.150	ng	93
12) 1,3-Dichlorobenzene	7.94	146	147894	38.249	ng	99
13) 1,4-Dichlorobenzene	8.09	146	149251	38.721	ng	98
14) 1,2-Dichlorobenzene	8.41	146	143783	39.182	ng	95
15) Benzyl Alcohol	8.29	79	120549	38.310	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157821	27.660	ng	93
17) 2-Methylphenol	8.50	107	109159	40.627	ng	98
18) Hexachloroethane	9.14	117	52819	36.385	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	95569	34.775	ng	96
20) 3+4-Methylphenols	8.83	107	152254	41.350	ng	96
22) Acetophenone	8.87	105	190982	37.927	ng	# 97
24) Nitrobenzene	9.25	77	148817	38.819	ng	98
25) Isophorone	9.78	82	272396	38.585	ng	96
26) 2-Nitrophenol	9.97	139	76303	46.755	ng	98
27) 2,4-Dimethylphenol	10.03	122	121666	48.545	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	150974	37.692	ng	99
29) 2,4-Dichlorophenol	10.51	162	139903	44.884	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	160035	39.758	ng	97
31) Naphthalene	10.91	128	404776	42.092	ng	99
32) Benzoic acid	10.18	122	64409	35.178	ng	98
33) 4-Chloroaniline	11.02	127	74595	17.877	ng	95
34) Hexachlorobutadiene	11.19	225	113333	37.603	ng	98
35) Caprolactam	11.78	113	19302	17.560	ng	# 67
36) 4-Chloro-3-methylphenol	12.15	107	148773	43.898	ng	99
37) 2-Methylnaphthalene	12.51	142	302811	41.277	ng	95
38) 1-Methylnaphthalene	12.73	142	284298	40.956	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	199471	38.617	ng	100

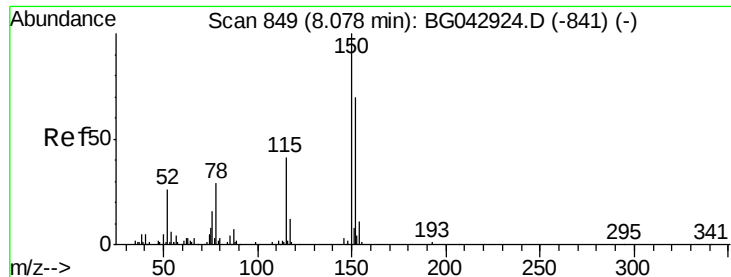
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	269994	82.038	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	127429	42.149	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	140595	45.143	ng	98
46) 1,1'-Biphenyl	13.51	154	411934	39.541	ng	97
47) 2-Chloronaphthalene	13.56	162	313588	40.148	ng	98
48) 2-Nitroaniline	13.76	65	96438	37.128	ng	93
49) Acenaphthylene	14.40	152	507765	42.484	ng	98
50) Dimethylphthalate	14.13	163	556698	54.084	ng	99
51) 2,6-Dinitrotoluene	14.25	165	92948	42.403	ng	93
52) Acenaphthene	14.74	154	300993	37.624	ng	99
53) 3-Nitroaniline	14.58	138	57751	25.493	ng	98
54) 2,4-Dinitrophenol	14.79	184	117535	86.263	ng	94
55) Dibenzofuran	15.08	168	492319	41.601	ng	99
56) 4-Nitrophenol	14.91	139	143850	83.341	ng	96
57) 2,4-Dinitrotoluene	15.04	165	132708	41.342	ng	96
58) Fluorene	15.72	166	409378	40.518	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	138321	41.712	ng	98
60) Diethylphthalate	15.49	149	399606	38.147	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	234033	38.623	ng	99
62) 4-Nitroaniline	15.75	138	93531	37.857	ng	97
63) Azobenzene	16.01	77	349431	36.639	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	85088	48.165	ng	91
66) n-Nitrosodiphenylamine	15.93	169	362251	43.955	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	166007	42.367	ng	91
68) Hexachlorobenzene	16.73	284	184470	42.283	ng	96
69) Atrazine	16.88	200	136797	39.418	ng	97
70) Pentachlorophenol	17.08	266	214899	85.364	ng	97
71) Phenanthrene	17.47	178	651205	42.726	ng	98
72) Anthracene	17.56	178	673953	44.293	ng	99
73) Carbazole	17.83	167	604079	42.813	ng	98
74) Di-n-butylphthalate	18.38	149	696112	41.350	ng	98
75) Fluoranthene	19.47	202	871260	43.218	ng	98
77) Benzidine	19.66	184	397505	47.621	ng	100
78) Pyrene	19.84	202	874656	43.957	ng	99
80) Butylbenzylphthalate	20.72	149	311578	41.254	ng	99
81) Benzo(a)anthracene	21.68	228	874389	42.094	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	254991	31.298	ng	98
83) Chrysene	21.75	228	844741	41.906	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	444455	41.356	ng	99
85) Di-n-octyl phthalate	22.80	149	763901	43.468	ng	96
86) Indeno(1,2,3-cd)pyrene	28.61	276	1127257	44.920	ng	# 98
88) Benzo(b)fluoranthene	23.90	252	927536	40.579	ng	99
89) Benzo(k)fluoranthene	23.97	252	926898	40.990	ng	97
90) Benzo(a)pyrene	24.78	252	917938	42.565	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	948601	42.897	ng	99
92) Benzo(g,h,i)perylene	29.76	276	936496	43.708	ng	95

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

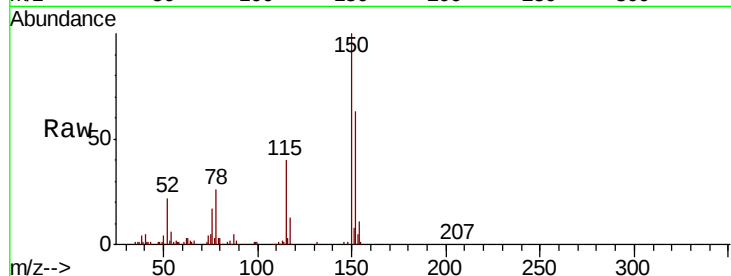


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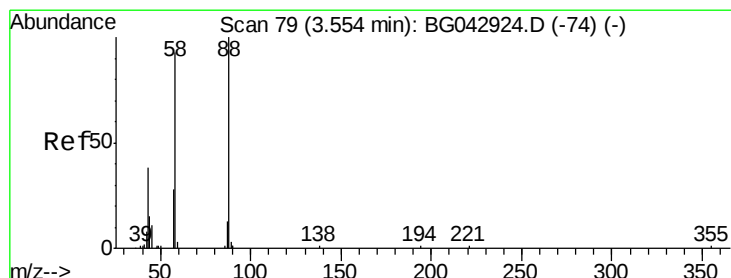
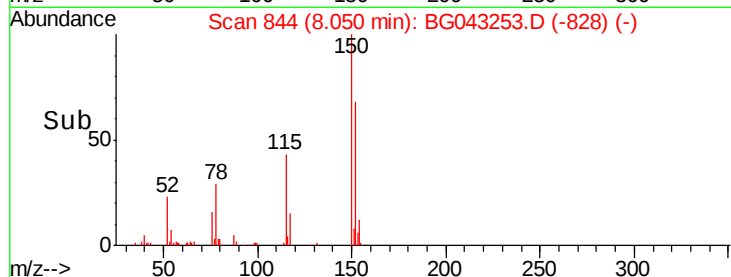
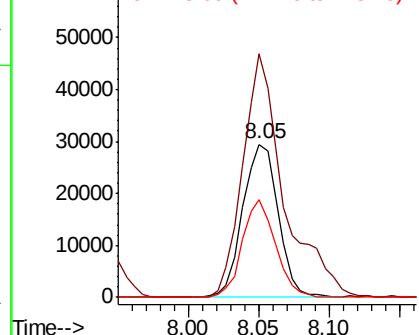
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:152 Resp: 51868
Ion Ratio Lower Upper
152 100
150 159.1 115.0 172.4
115 63.8 47.0 70.6



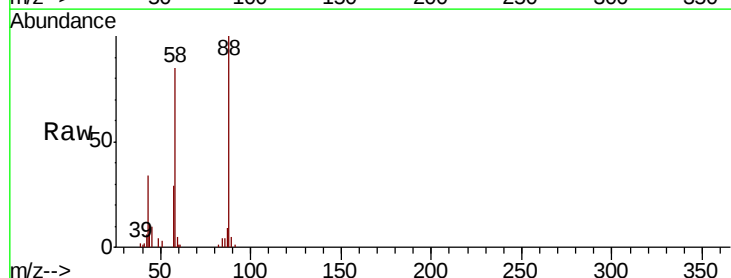
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



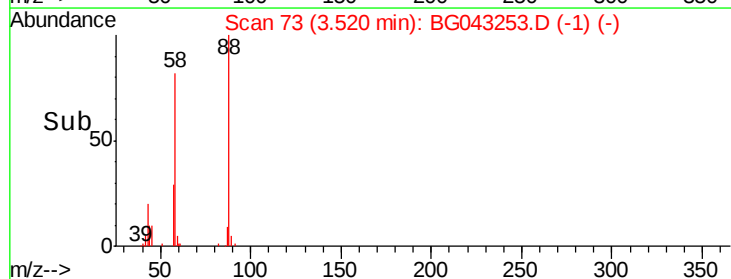
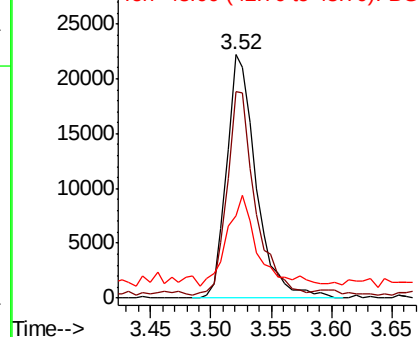
#2

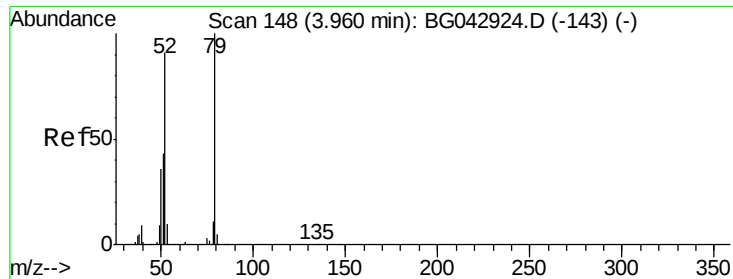
1,4-Dioxane
Concen: 30.976 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion: 88 Resp: 37535
Ion Ratio Lower Upper
88 100
58 79.2 74.3 111.5
43 38.7 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: 27.495 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

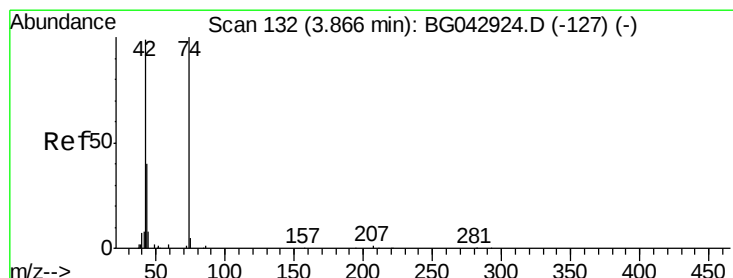
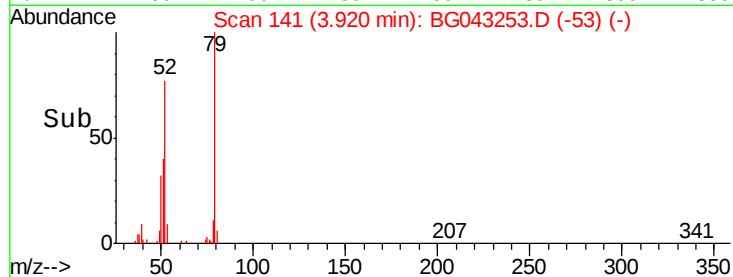
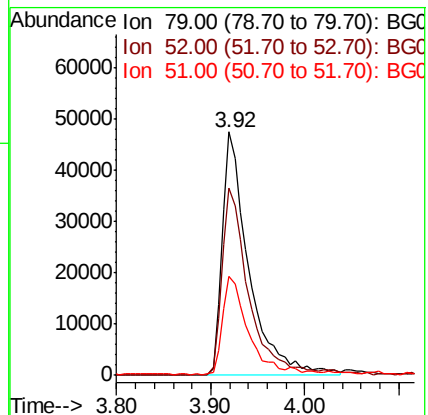
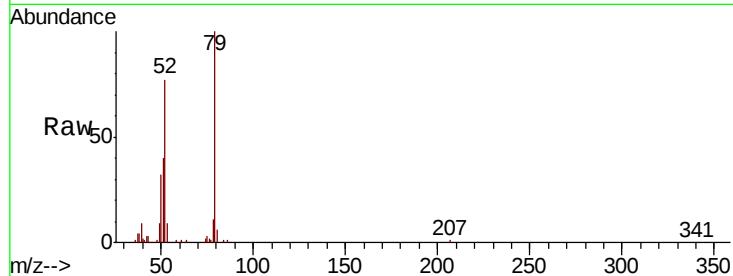
Tot Ion: 79 Resp: 93709

Ion Ratio Lower Upper

79 100

52 76.8 73.0 109.4

51 40.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 35.430 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

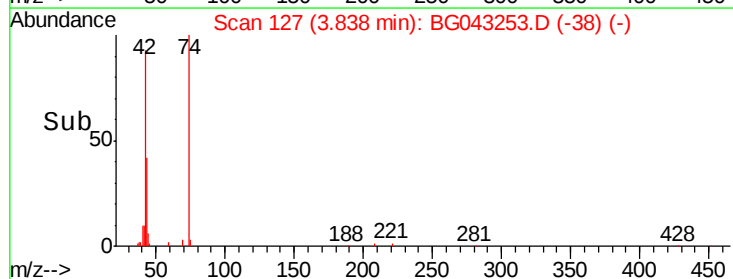
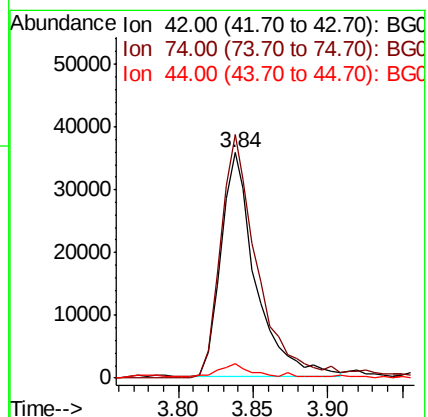
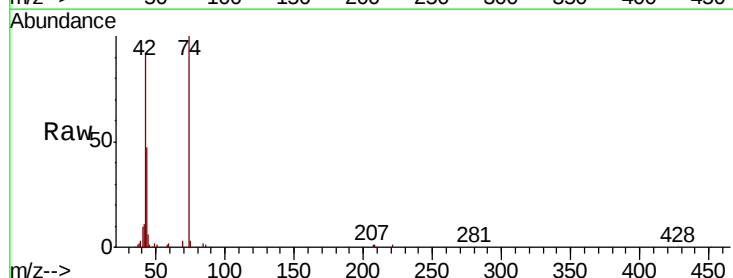
Tgt Ion: 42 Resp: 58068

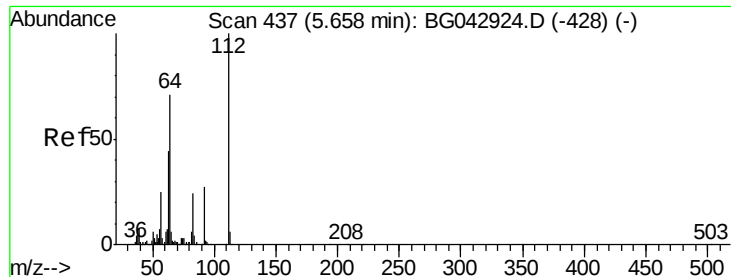
Ion Ratio Lower Upper

42 100

74 108.1 80.5 120.7

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 113.096 ng

RT: 5.64 min Scan# 433

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

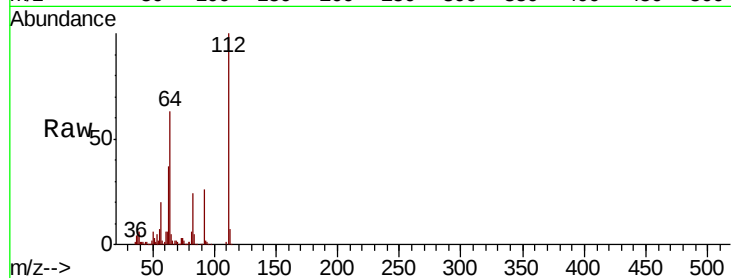
Tot Ion:112 Resp: 328700

Ion Ratio Lower Upper

112 100

64 62.8 56.6 84.8

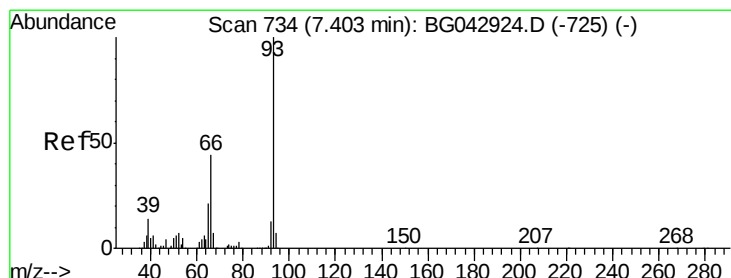
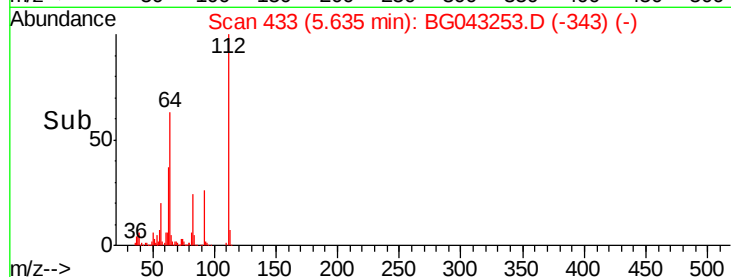
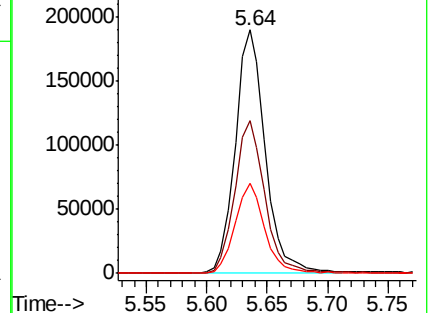
63 36.9 35.1 52.7



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: 30.170 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

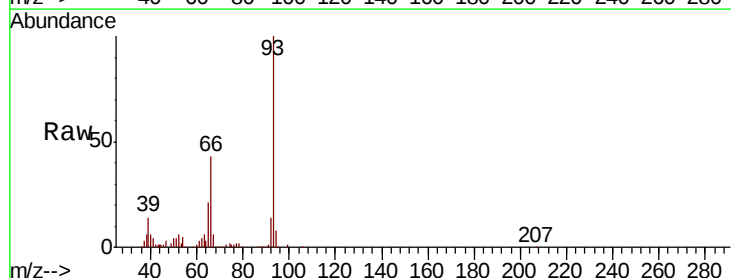
Tgt Ion: 93 Resp: 152427

Ion Ratio Lower Upper

93 100

66 42.8 35.0 52.6

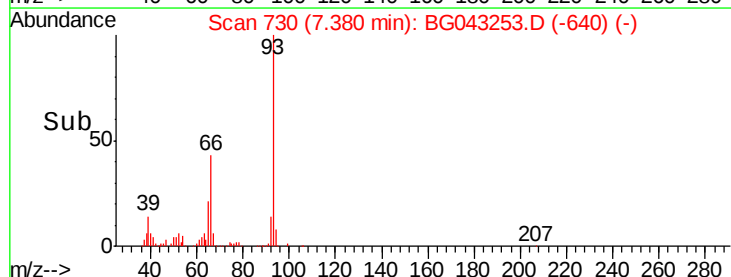
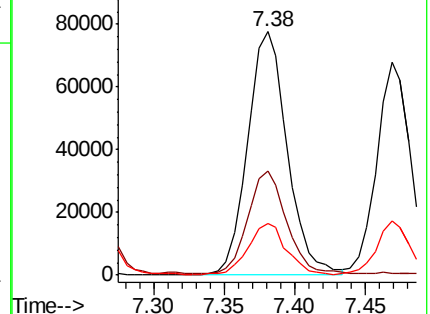
65 21.5 17.4 26.0



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: 111.854 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

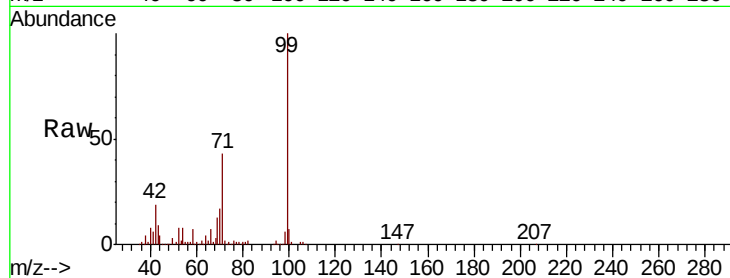
Tot Ion: 99 Resp: 468151

Ion Ratio Lower Upper

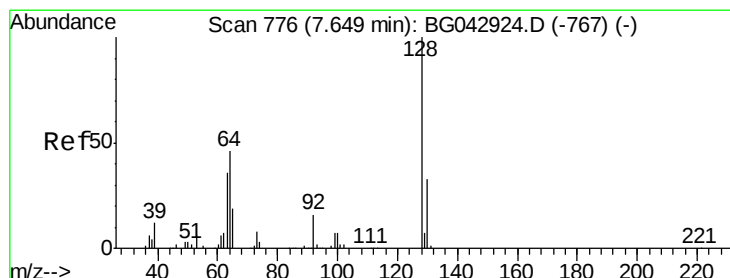
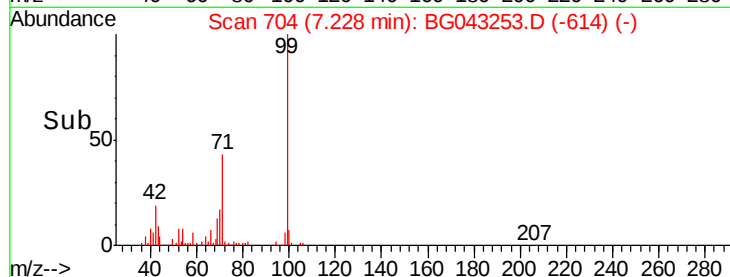
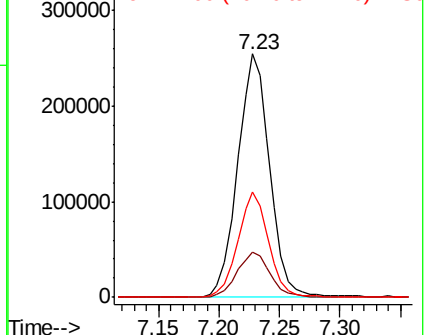
99 100

42 18.6 17.2 25.8

71 43.2 33.1 49.7



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



#8

2-Chlorophenol

Concen: 44.457 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

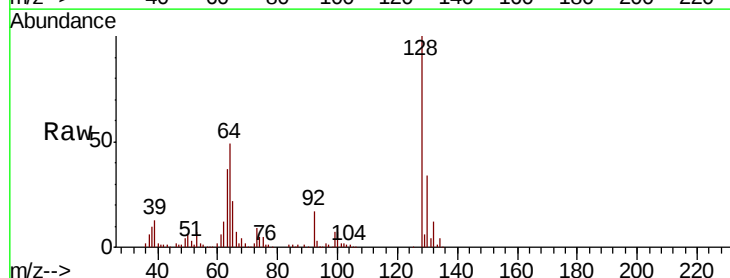
Tgt Ion: 128 Resp: 134748

Ion Ratio Lower Upper

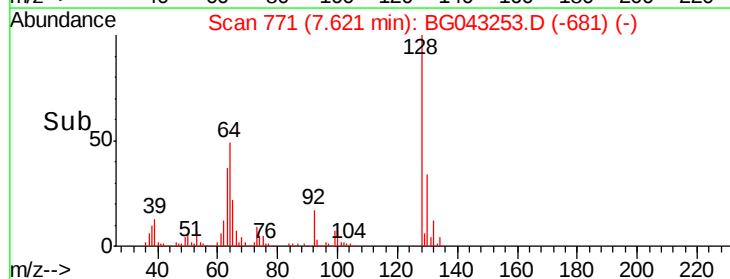
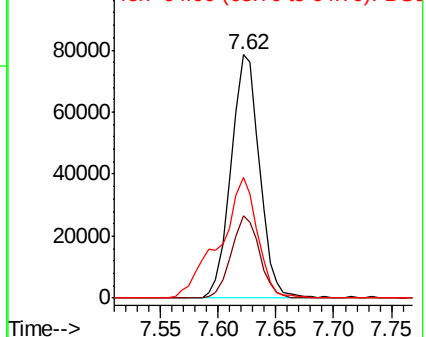
128 100

130 33.8 12.5 52.5

64 49.5 32.8 72.8



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





#9

Benzaldehyde

Concen: 28.556 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

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STOCK-PILE-1MSD

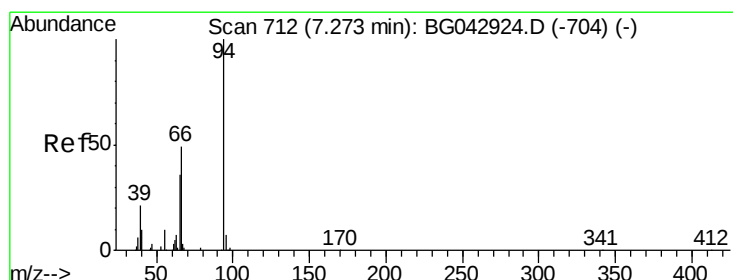
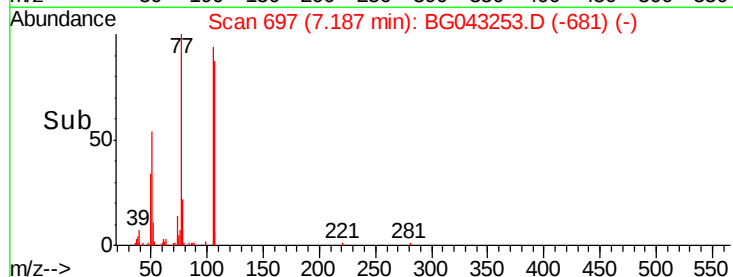
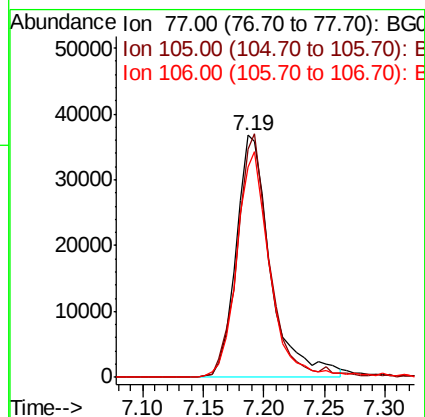
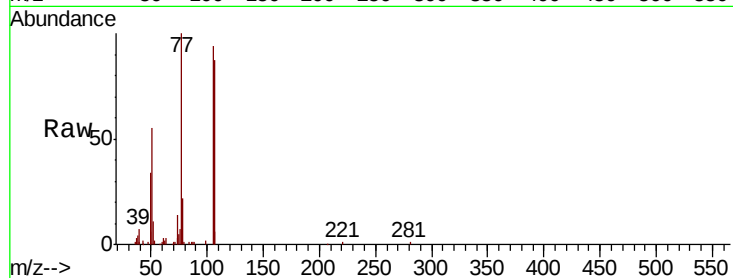
Tot Ion: 77 Resp: 73033

Ion Ratio Lower Upper

77 100

105 94.1 64.6 104.6

106 87.0 59.4 99.4



#10

Phenol

Concen: 45.492 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

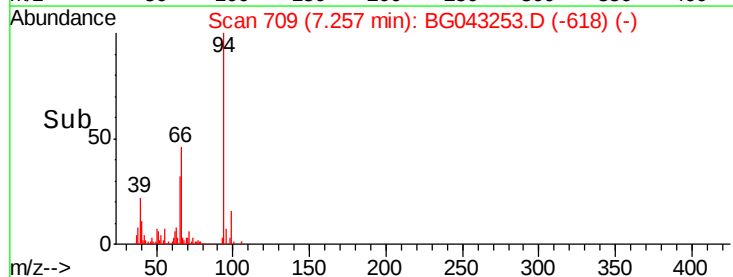
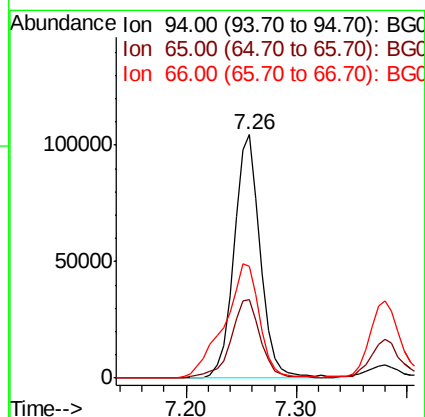
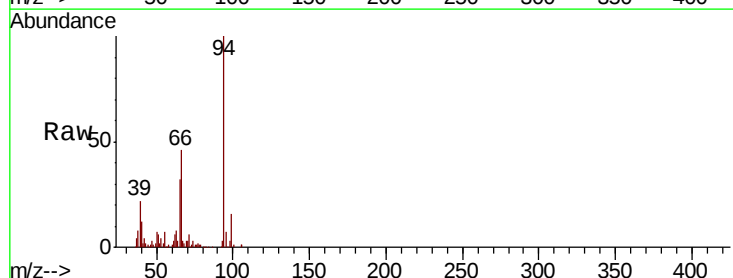
Tgt Ion: 94 Resp: 174689

Ion Ratio Lower Upper

94 100

65 32.4 16.6 56.6

66 46.1 32.4 72.4

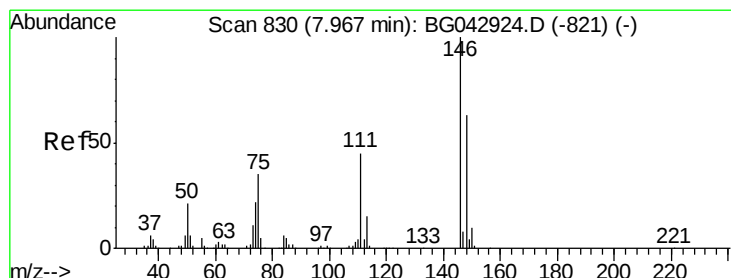
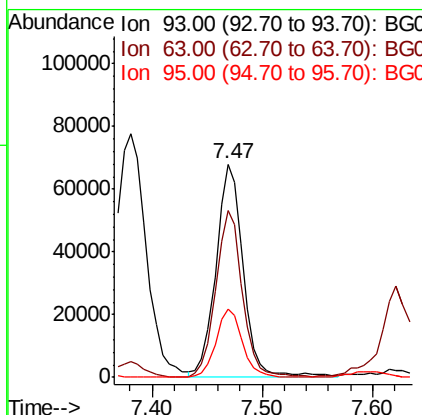
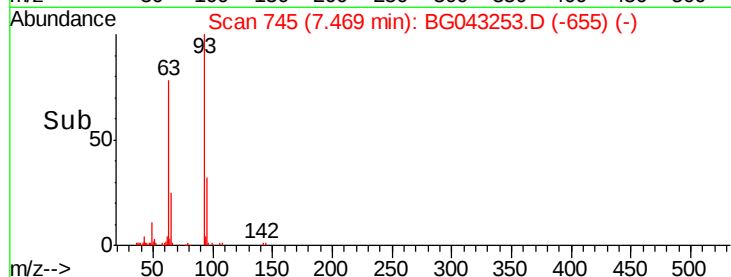
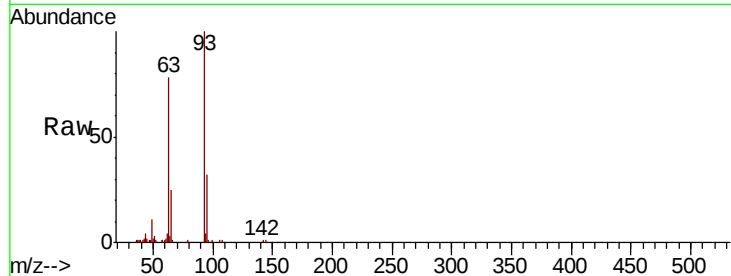




#11
bis(2-Chloroethyl)ether
Concen: 39.150 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

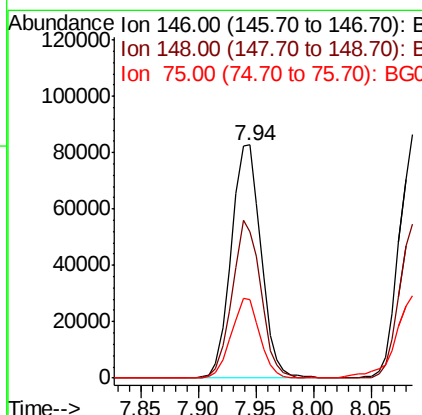
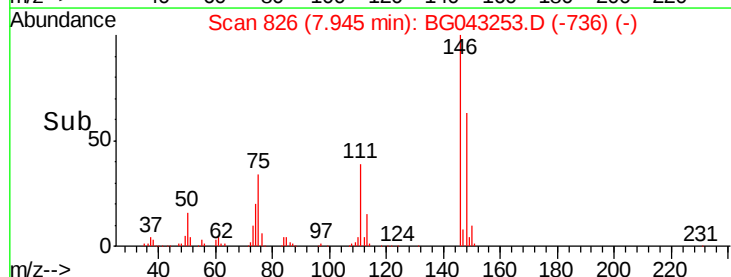
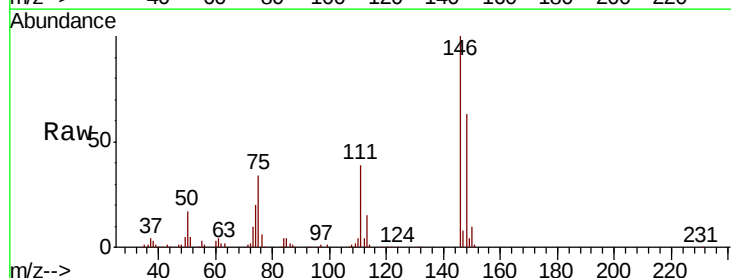
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

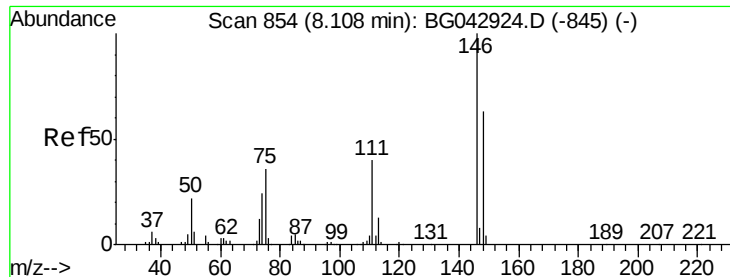
Tot Ion: 93 Resp: 116316
Ion Ratio Lower Upper
93 100
63 78.1 67.4 107.4
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.249 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion: 146 Resp: 147894
Ion Ratio Lower Upper
146 100
148 62.6 50.7 76.1
75 33.7 27.7 41.5

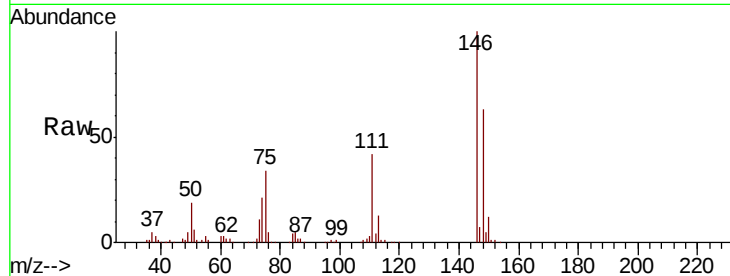




#13
 1,4-Dichlorobenzene
 Concen: 38.721 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
111	42.2	31.8	47.8

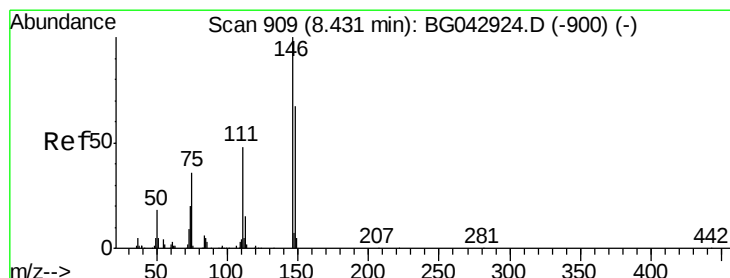
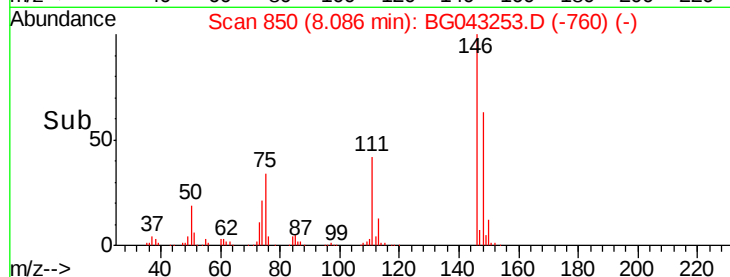
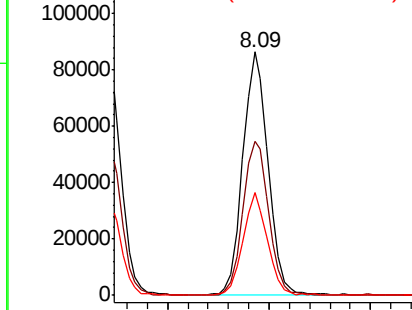


Abundance

Ion 146.00 (145.70 to 146.70): E

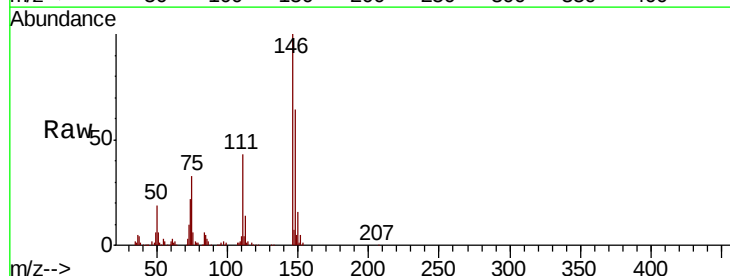
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.182 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.2
111	43.1	38.5	57.7

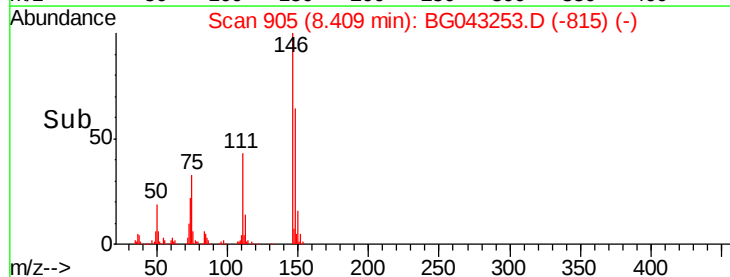
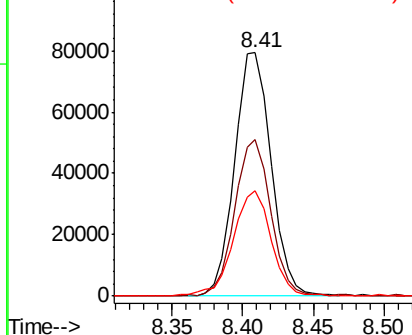


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.310 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

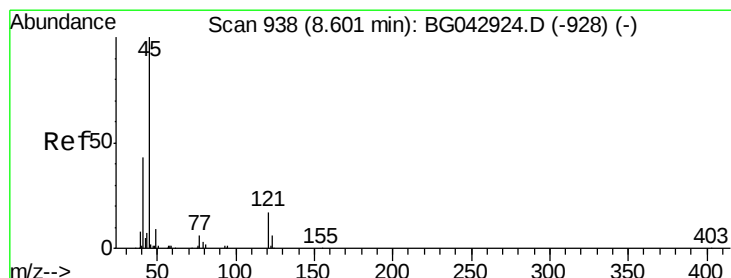
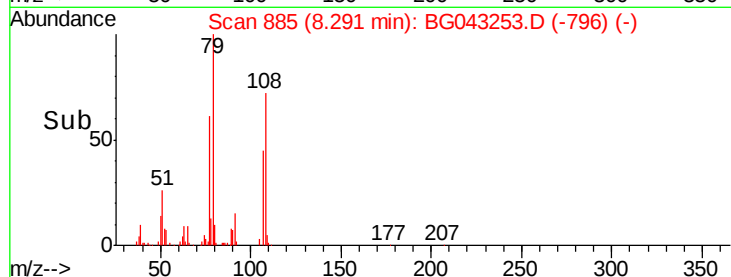
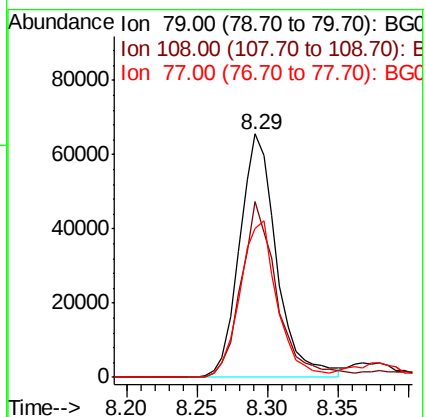
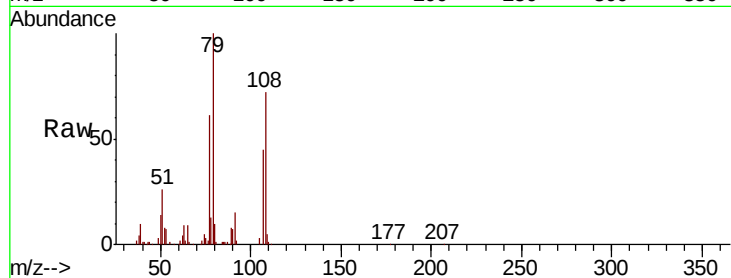
Tot Ion: 79 Resp: 120549

Ion Ratio Lower Upper

79 100

108 72.4 55.7 83.5

77 61.0 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.660 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

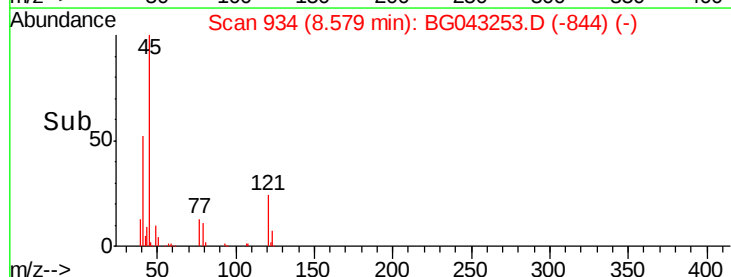
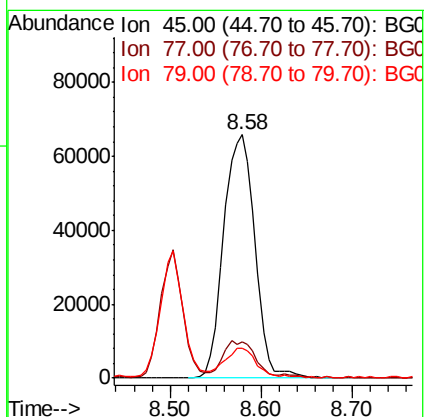
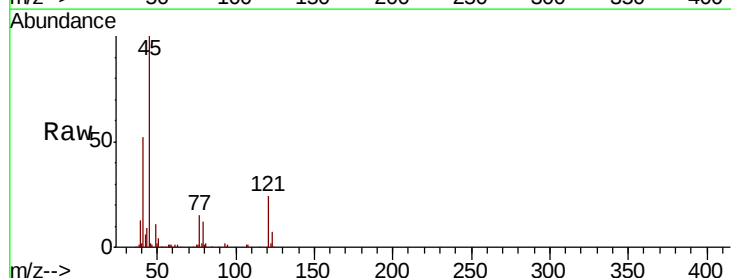
Tgt Ion: 45 Resp: 157821

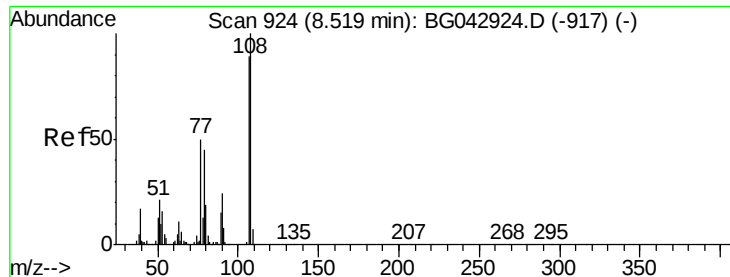
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.8

79 12.4 0.0 29.4





#17

2-Methylphenol

Concen: 40.627 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:107 Resp: 109159

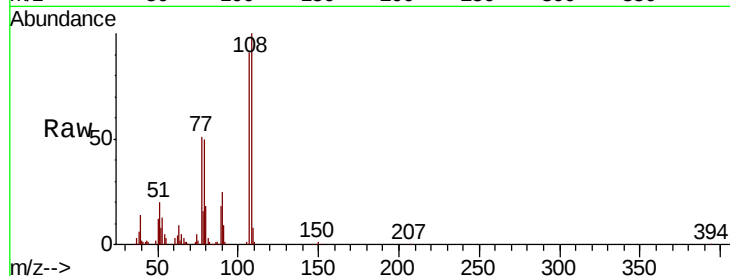
Ion Ratio Lower Upper

107 100

108 110.2 89.9 134.9

77 56.5 45.4 68.2

79 55.6 41.4 62.0

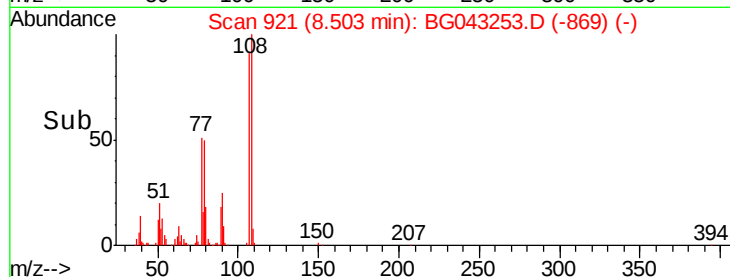


Abundance Ion 107.00 (106.70 to 107.70): E

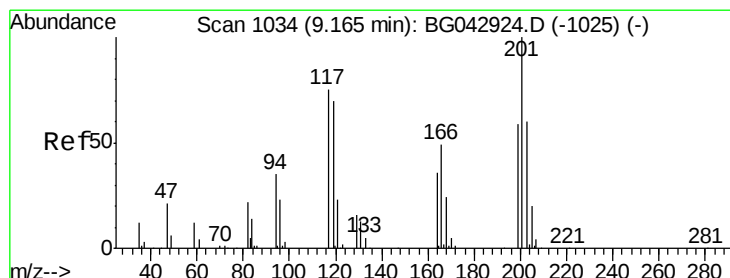
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 36.385 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

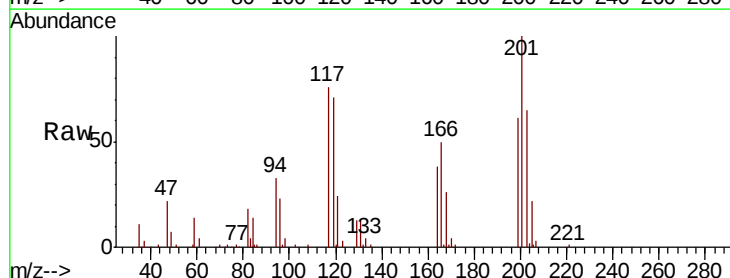
Tgt Ion:117 Resp: 52819

Ion Ratio Lower Upper

117 100

119 92.9 74.6 111.8

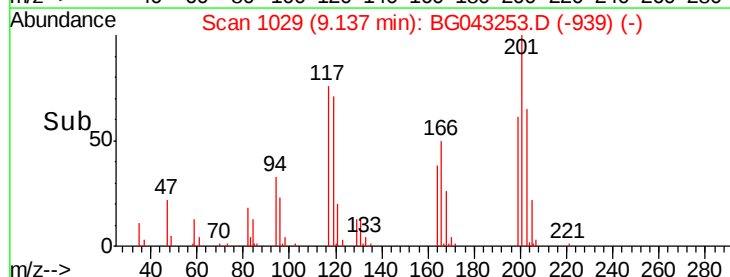
201 130.8 106.0 159.0



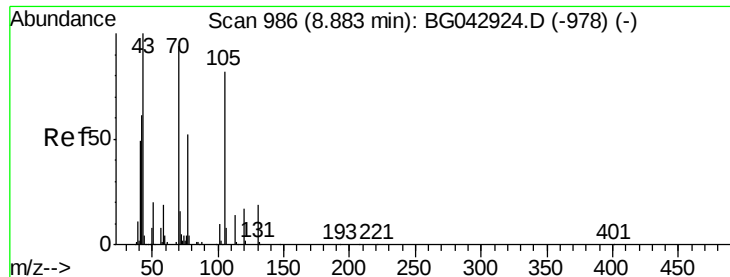
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



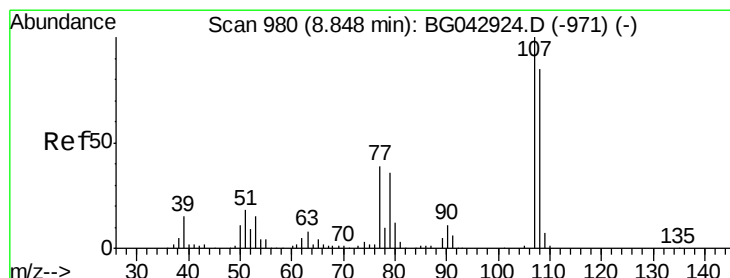
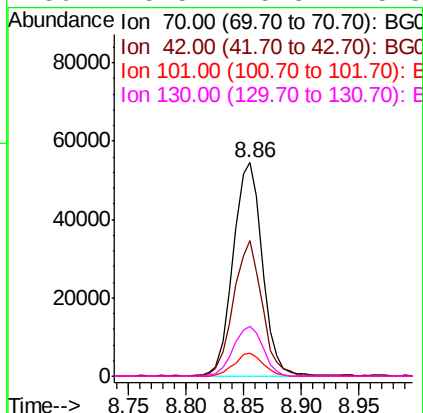
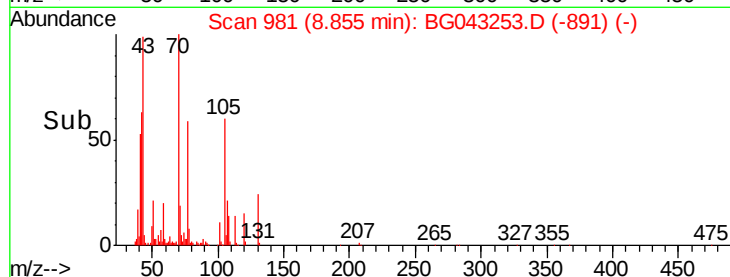
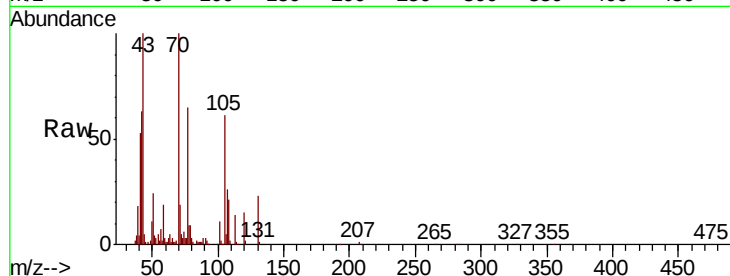
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.775 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

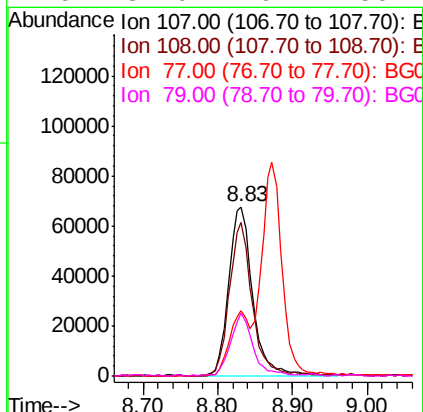
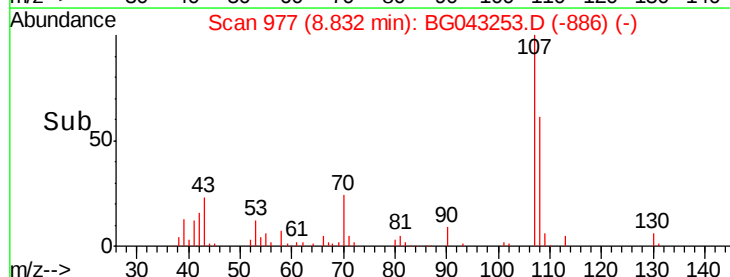
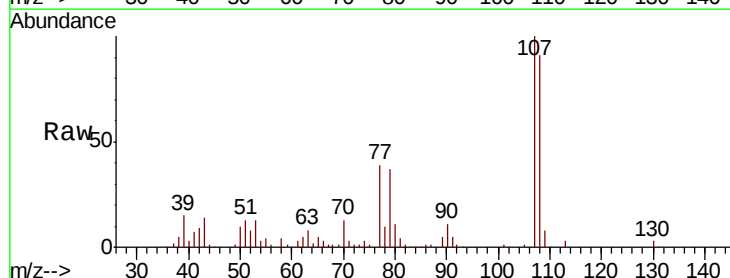
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion: 70 Resp: 95569
Ion Ratio Lower Upper
70 100
42 63.2 52.6 79.0
101 11.1 8.7 13.1
130 23.5 15.8 23.8



#20
3+4-Methylphenols
Concen: 41.350 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion: 107 Resp: 152254
Ion Ratio Lower Upper
107 100
108 91.0 64.9 104.9
77 38.9 19.4 59.4
79 37.0 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: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:136 Resp: 195350

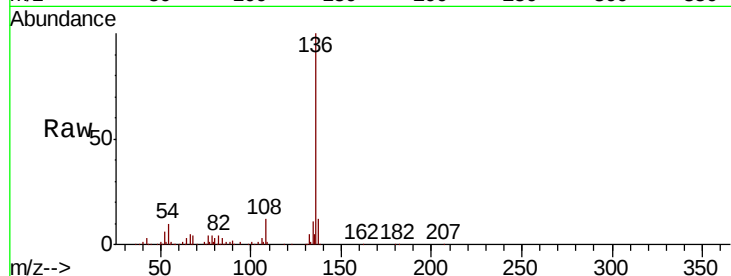
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.7 7.4 11.2

68 3.9 3.6 5.4

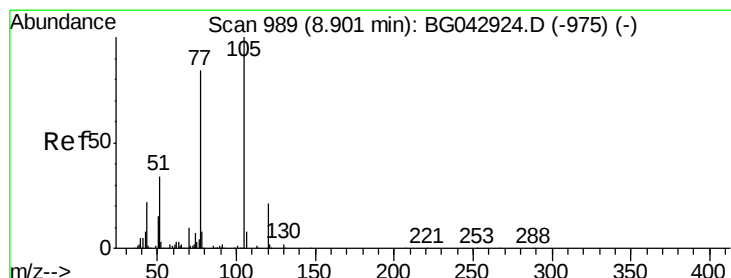
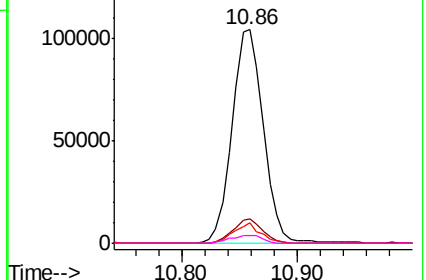
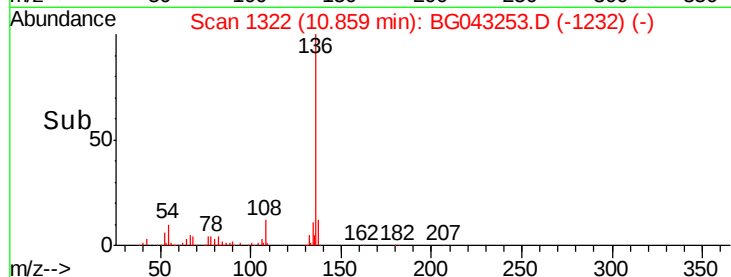


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.927 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Tgt Ion:105 Resp: 190982

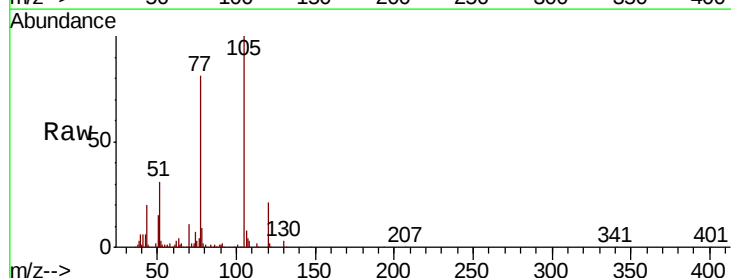
Ion Ratio Lower Upper

105 100

71 1.9 1.2 1.8#

51 31.1 27.2 40.8

120 21.1 16.9 25.3

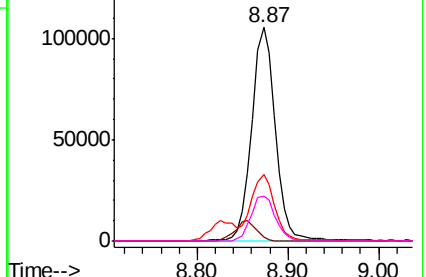
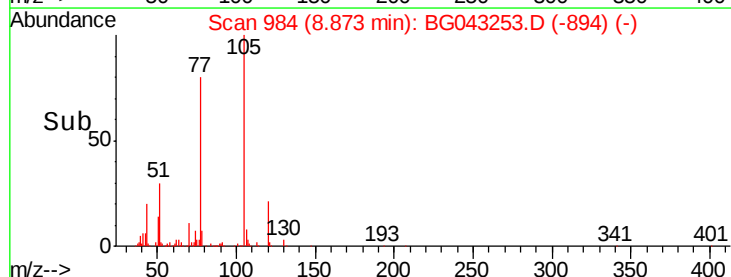


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

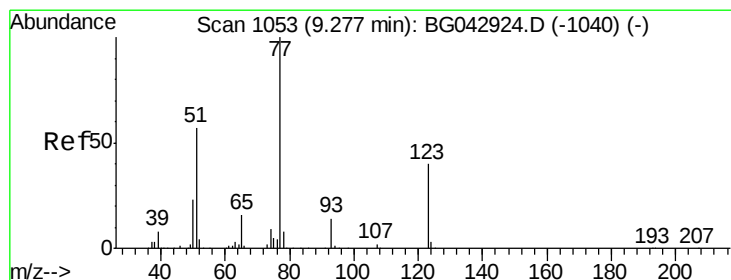
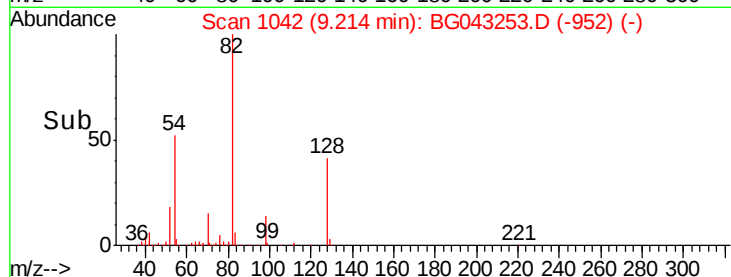
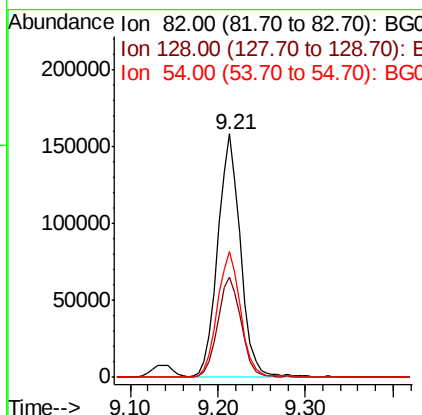
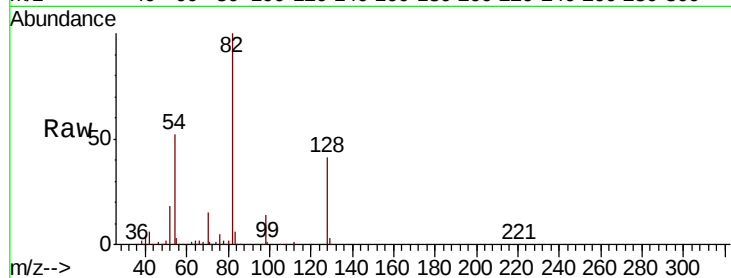




#23
 Nitrobenzene-d5
 Concen: 70.898 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

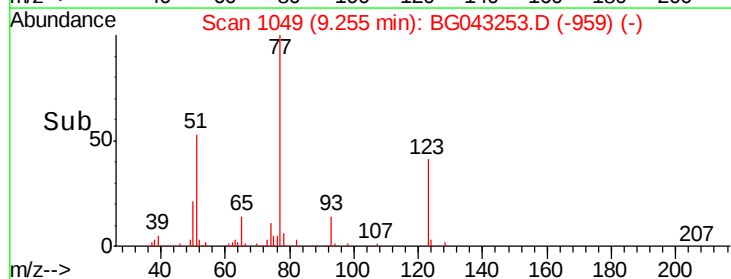
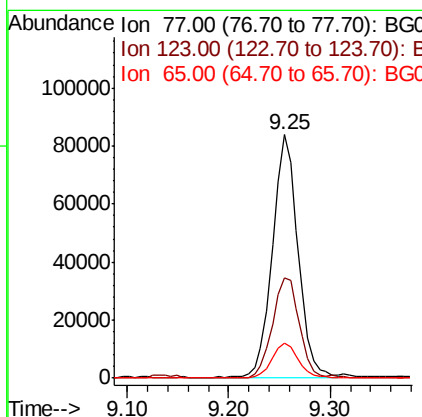
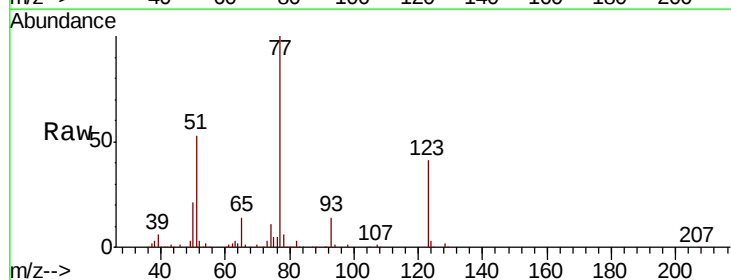
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

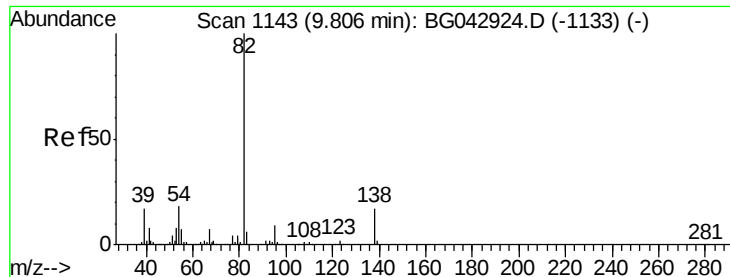
Tot Ion	82	Resp	284947
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.5	44.3
54	51.6	44.6	67.0



#24
 Nitrobenzene
 Concen: 38.819 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion	77	Resp	148817
Ion Ratio	Lower	Upper	
77	100		
123	41.0	31.9	47.9
65	14.5	12.4	18.6





#25

Isophorone

Concen: 38.585 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

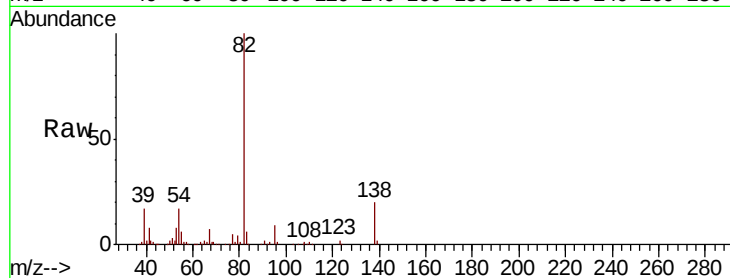
Tot Ion: 82 Resp: 272396

Ion Ratio Lower Upper

82 100

95 9.0 7.0 10.4

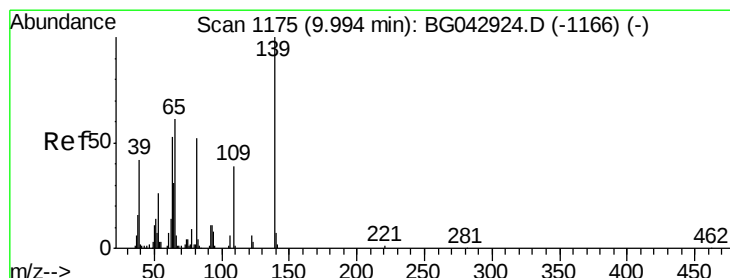
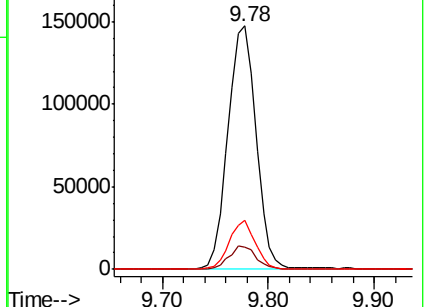
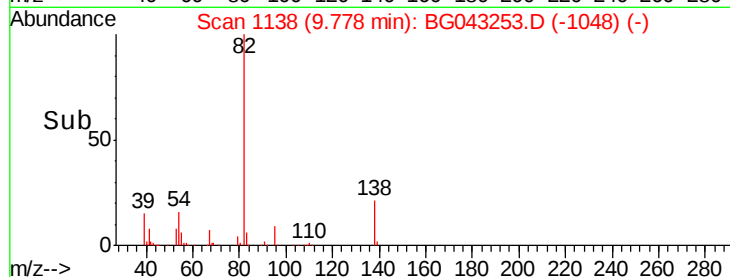
138 19.9 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG043253.D (-1048) (-)

Ion 95.00 (94.70 to 95.70): BG043253.D (-1048) (-)

Ion 138.00 (137.70 to 138.70): BG043253.D (-1048) (-)



#26

2-Nitrophenol

Concen: 46.755 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

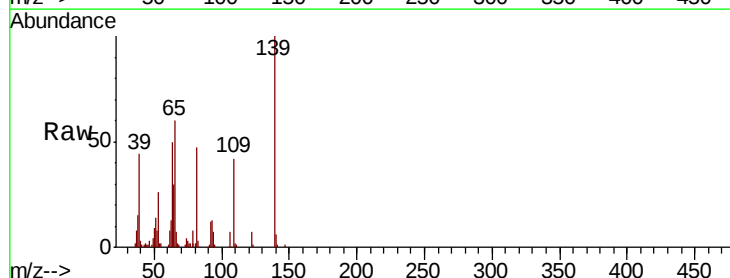
Tgt Ion: 139 Resp: 76303

Ion Ratio Lower Upper

139 100

109 41.6 31.0 46.6

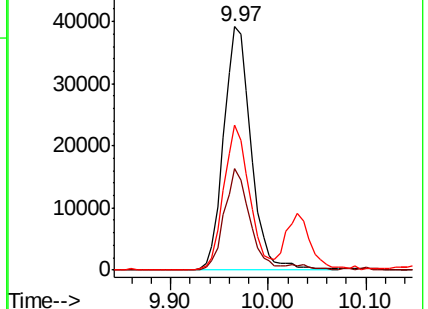
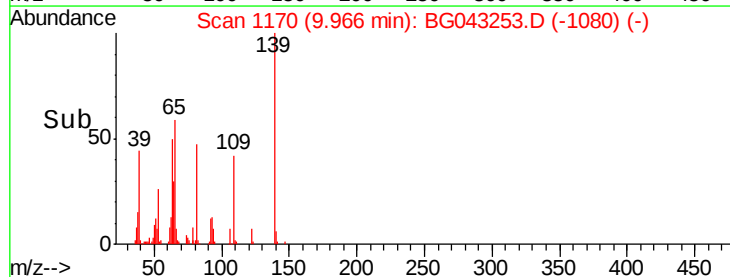
65 59.8 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BG043253.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BG043253.D (-1080) (-)

Ion 65.00 (64.70 to 65.70): BG043253.D (-1080) (-)

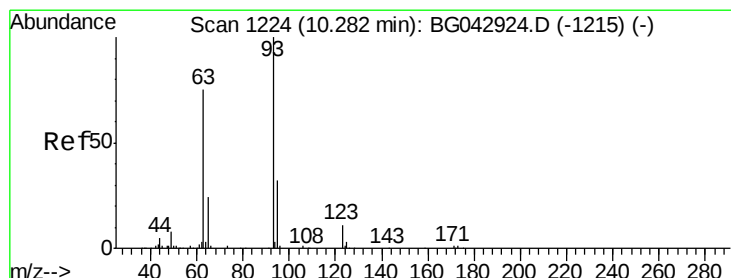
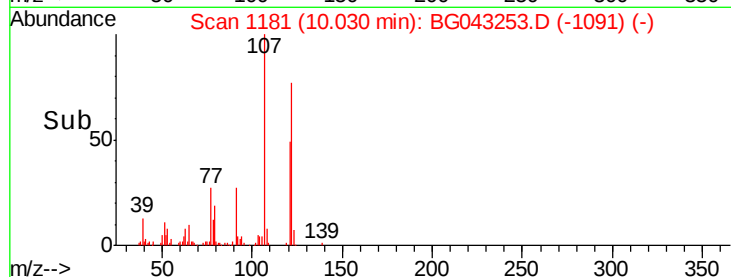
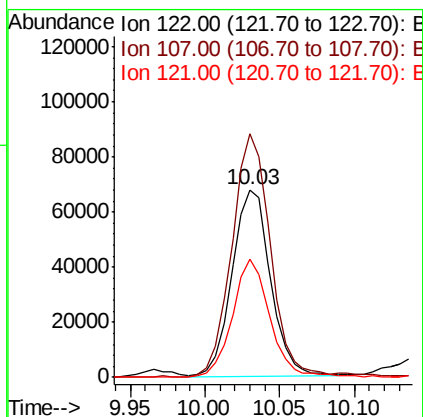
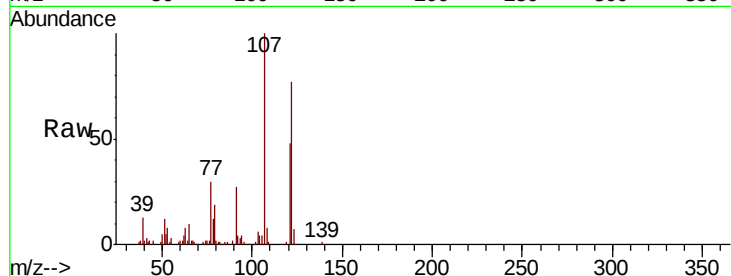




#27
 2,4-Dimethylphenol
 Concen: 48.545 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

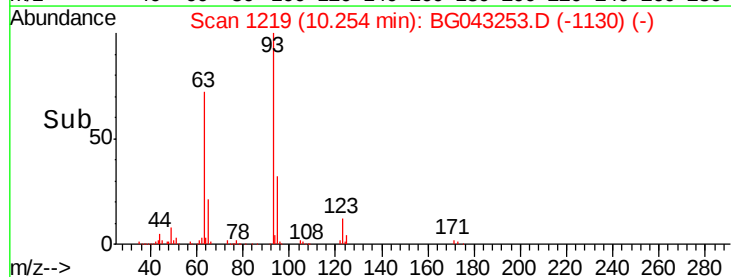
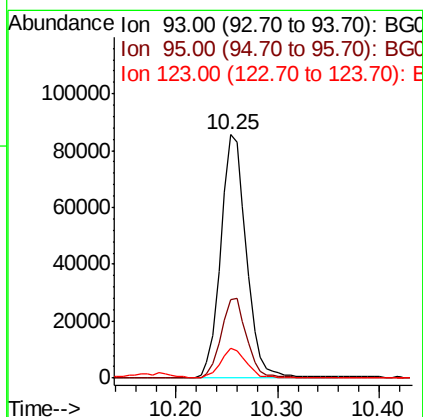
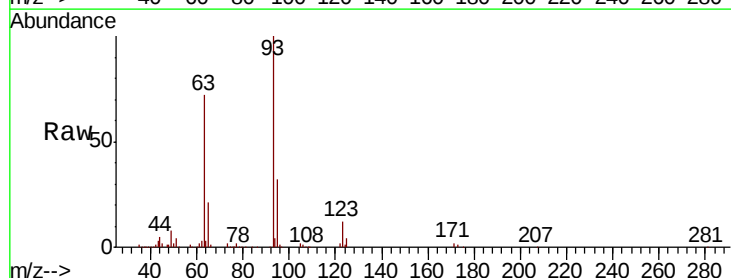
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

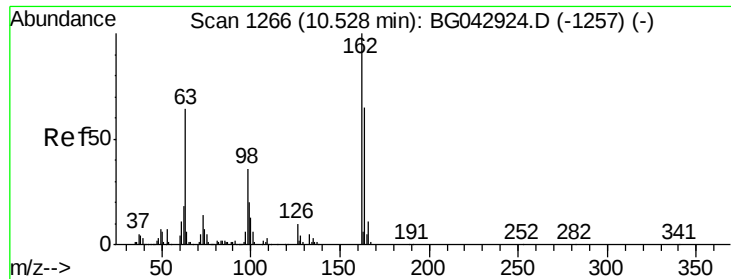
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.9	102.2	153.2
121	62.9	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.692 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.0
123	12.1	9.3	13.9

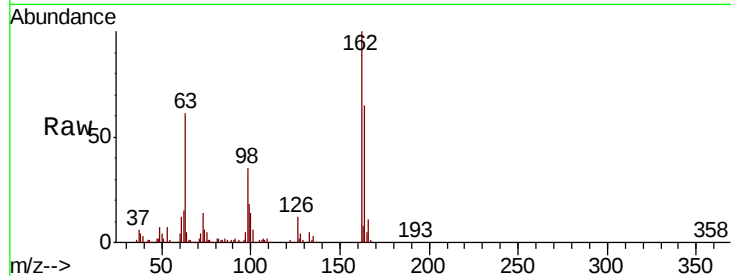




#29
2,4-Dichlorophenol
Concen: 44.884 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	35.4	16.0	56.0

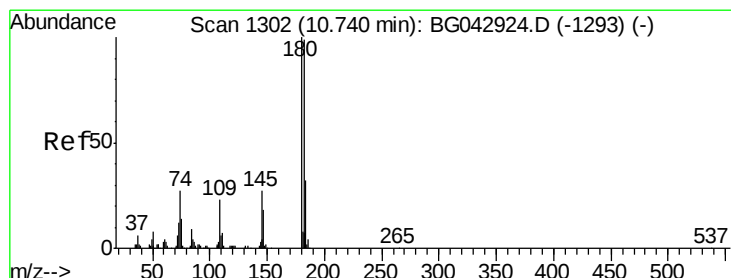
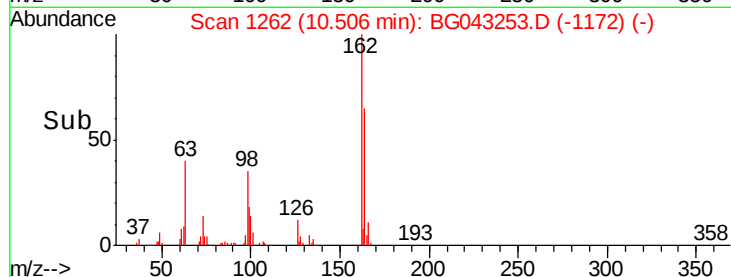
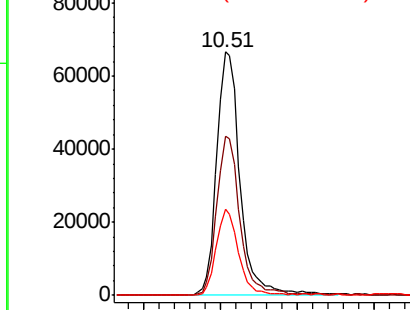


Abundance

Ion 162.00 (161.70 to 162.70): E

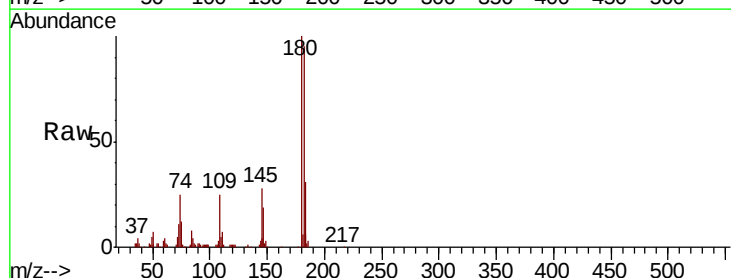
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.758 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	79.3	118.9
145	27.8	22.0	33.0

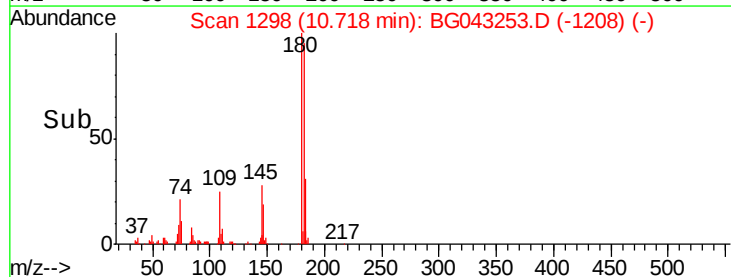
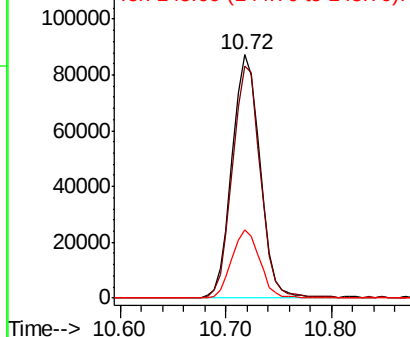


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

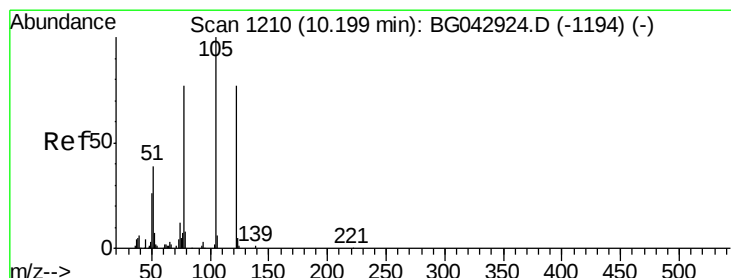
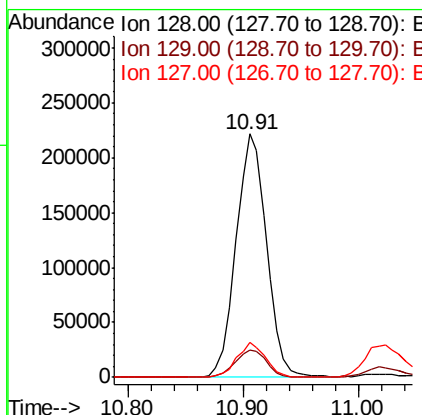
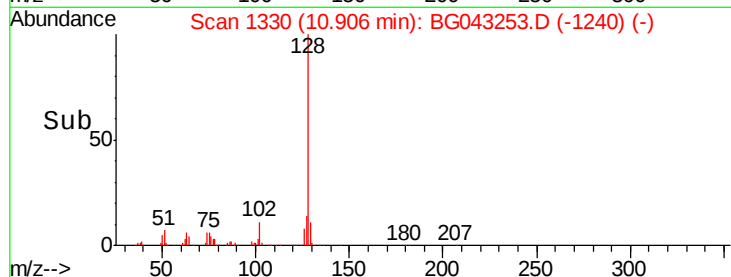
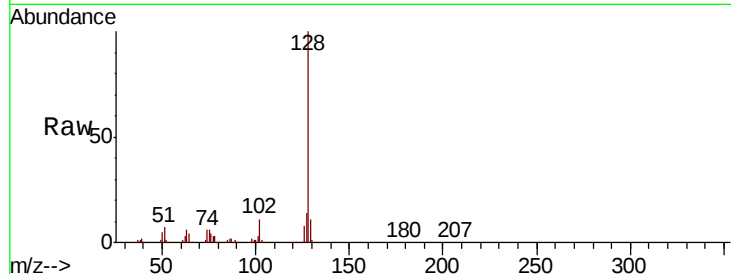




#31
Naphthalene
Concen: 42.092 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

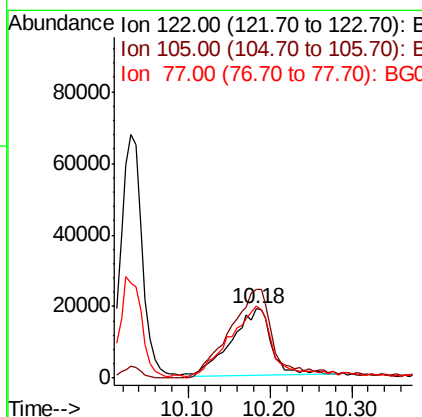
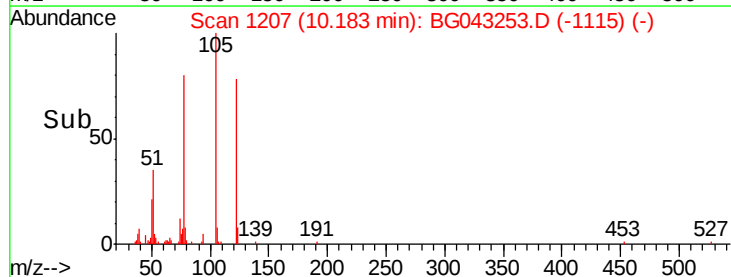
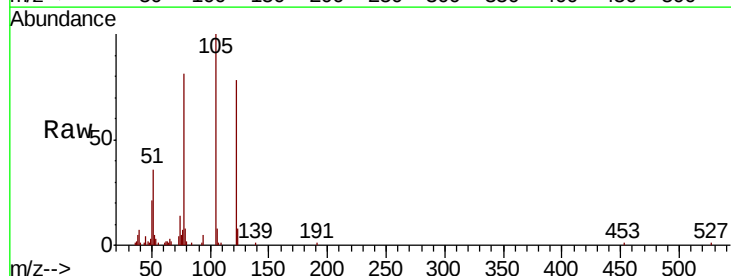
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 35.178 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	107.5	147.5
77	103.7	79.8	119.8

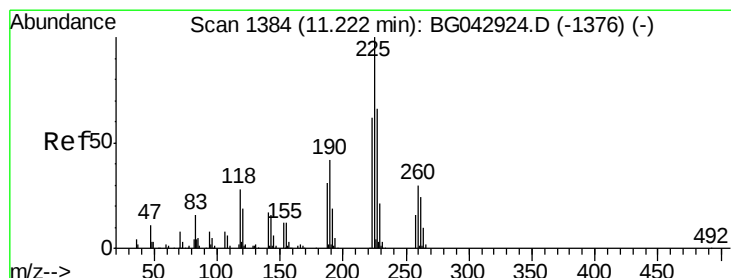
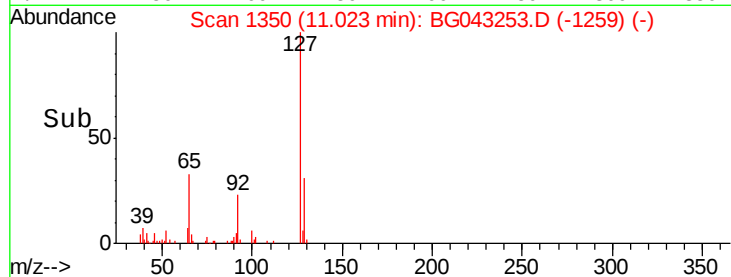
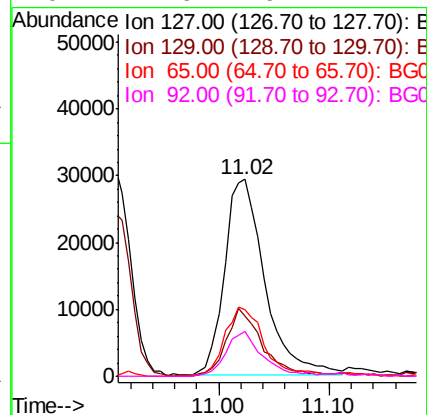
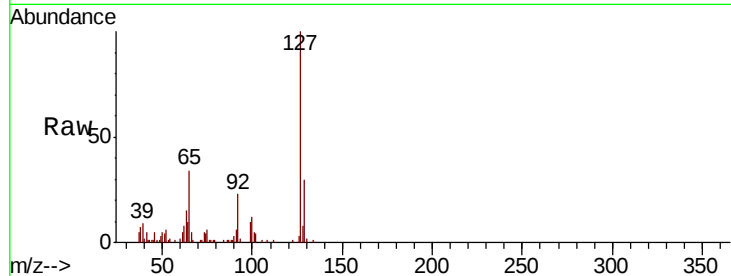




#33
4-Chloroaniline
Concen: 17.877 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

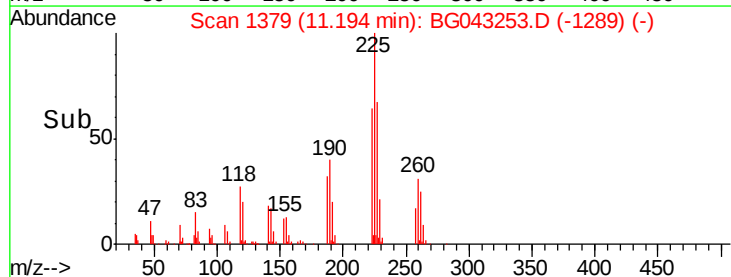
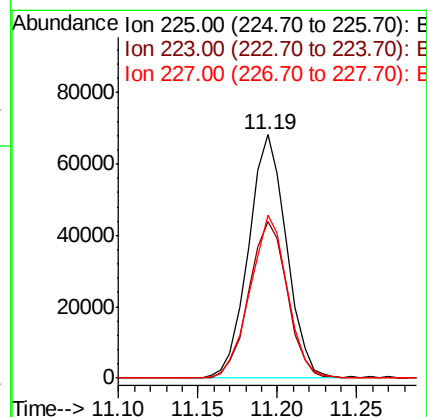
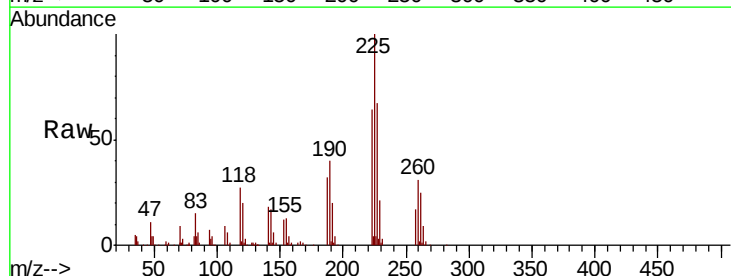
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

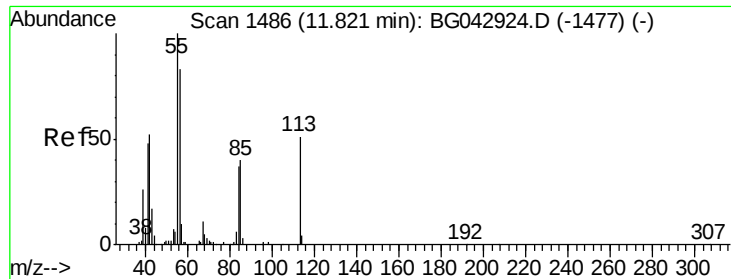
Tot Ion:127	Resp:	74595	
Ion Ratio	Lower	Upper	
127 100			
129 30.5	26.2	39.2	
65 34.1	30.6	45.8	
92 22.6	16.2	24.4	



#34
Hexachlorobutadiene
Concen: 37.603 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt	Ion:225	Resp:	113333
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.3	73.9
227	67.0	52.8	79.2





#35

Caprolactam

Concen: 17.560 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

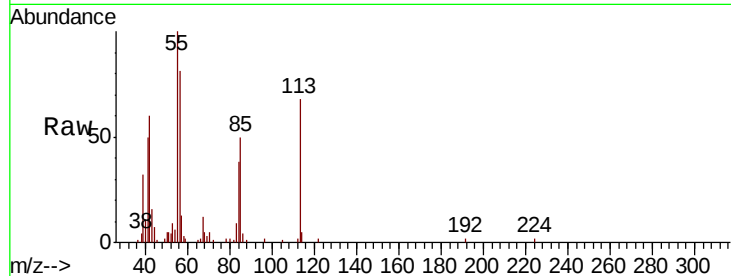
Tot Ion:113 Resp: 19302

Ion Ratio Lower Upper

113 100

55 146.1 175.5 215.5#

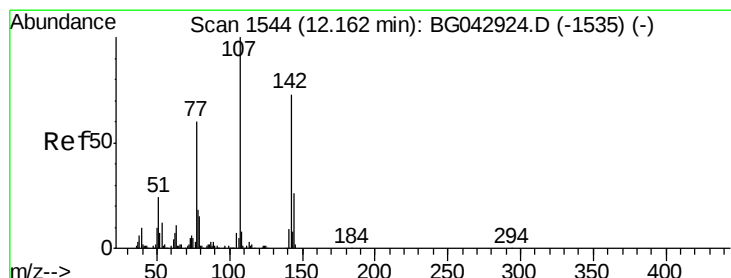
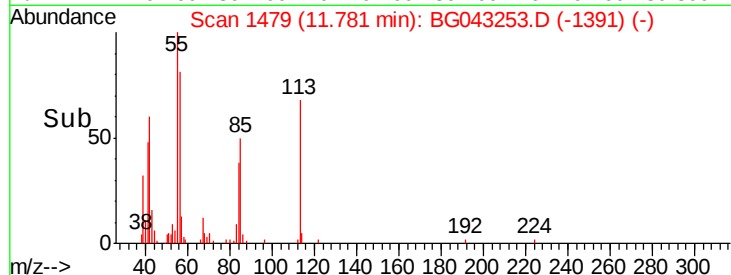
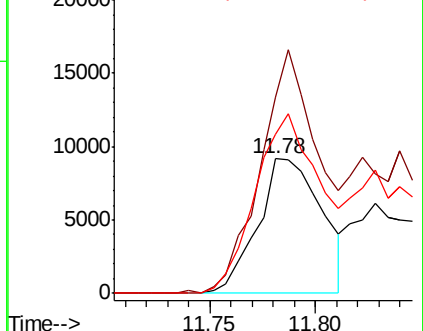
56 118.4 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.898 ng

RT: 12.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

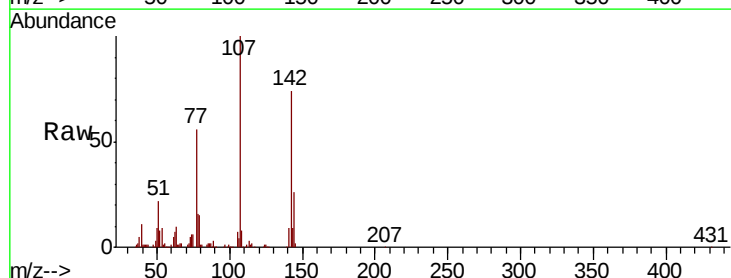
Tgt Ion:107 Resp: 148773

Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

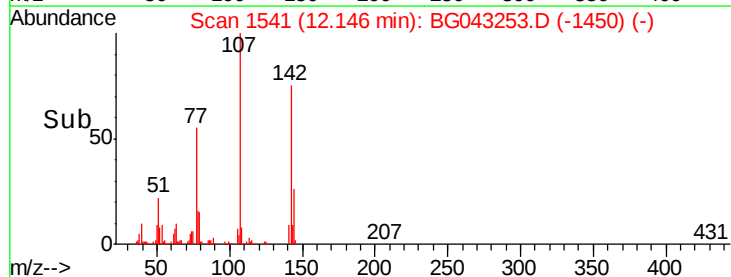
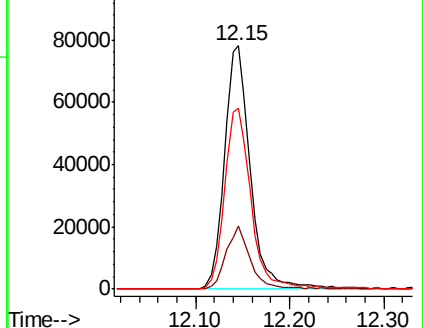
142 74.4 58.6 87.8

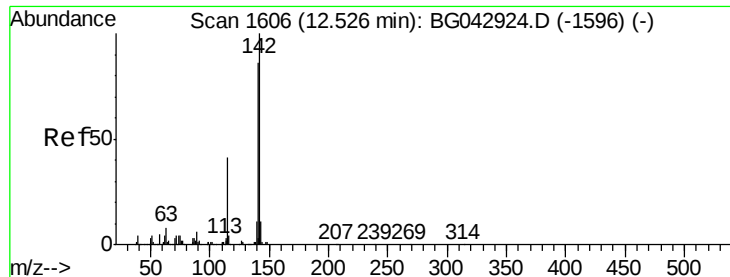


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

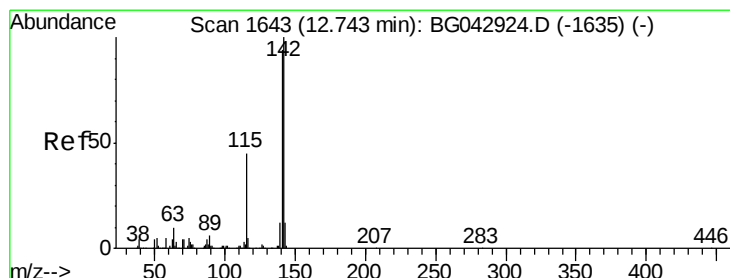
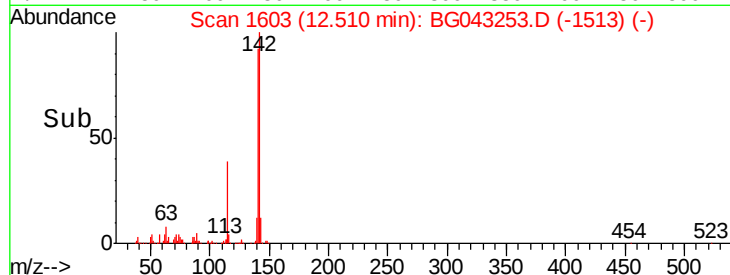
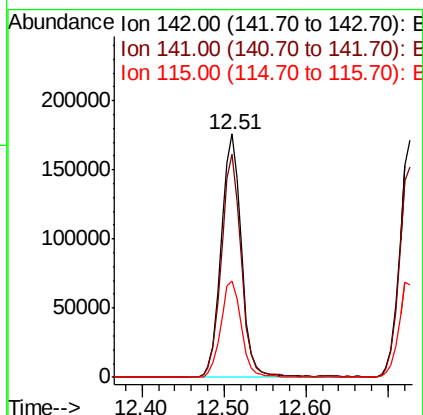
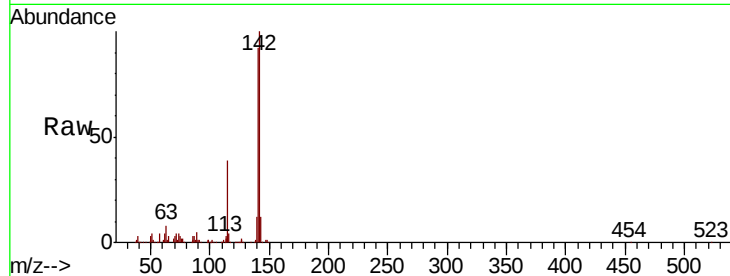




#37
2-Methylnaphthalene
Concen: 41.277 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

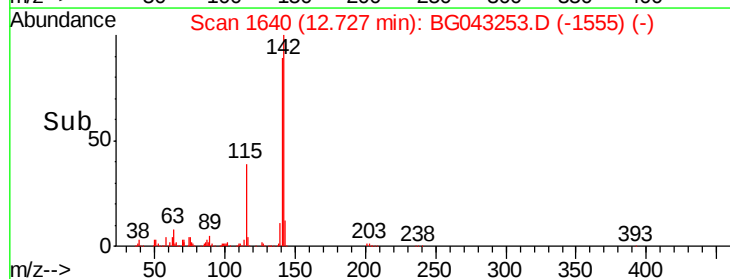
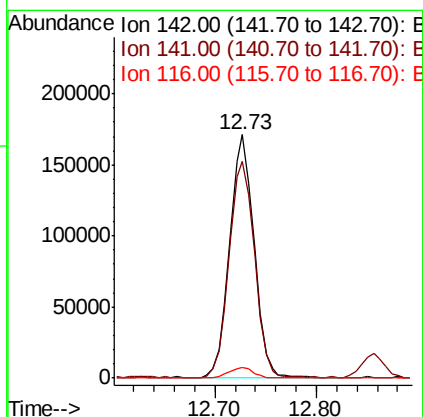
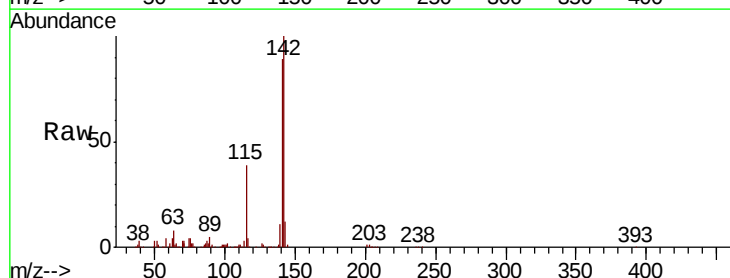
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:142 Resp: 302811
Ion Ratio Lower Upper
142 100
141 91.6 69.0 103.4
115 39.4 32.8 49.2



#38
1-Methylnaphthalene
Concen: 40.956 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:142 Resp: 284298
Ion Ratio Lower Upper
142 100
141 88.9 74.9 112.3
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

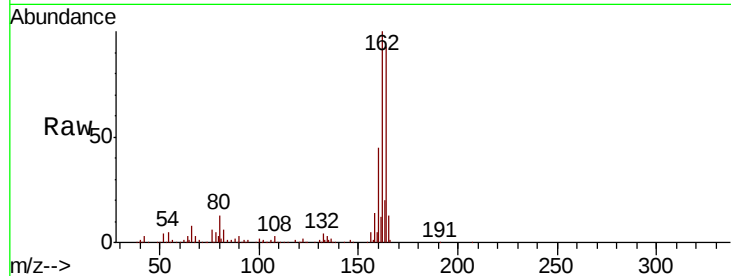
Tot Ion:164 Resp: 137378

Ion Ratio Lower Upper

164 100

162 107.8 78.5 117.7

160 48.8 35.9 53.9

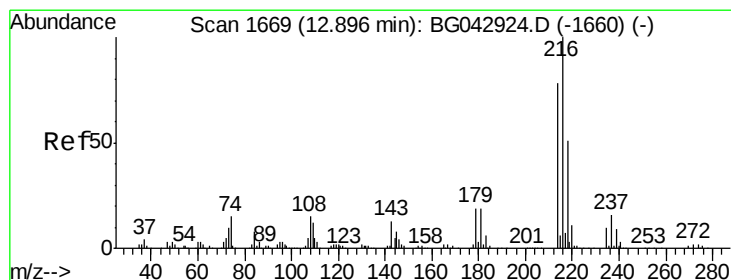
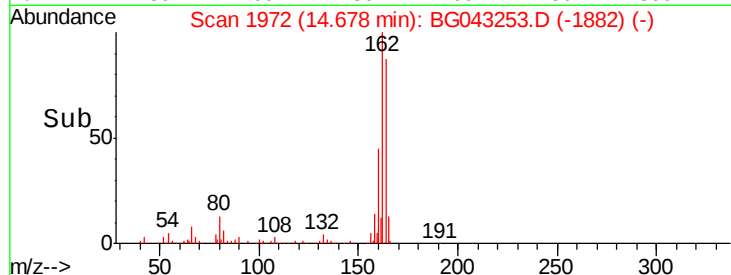
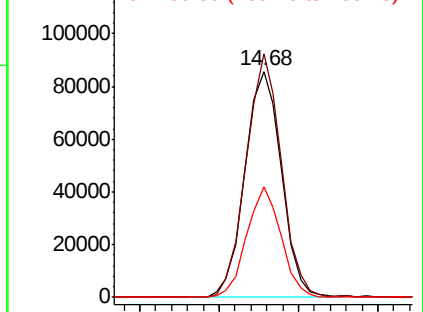


Abundance

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: 38.617 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Tgt Ion:216 Resp: 199471

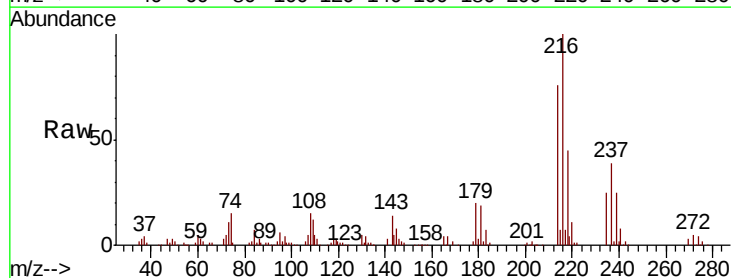
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 19.9 15.4 23.2

108 16.1 12.6 19.0



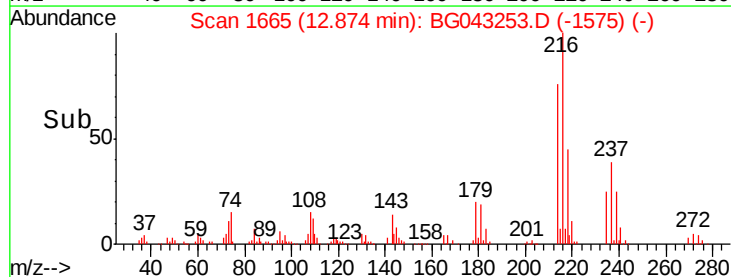
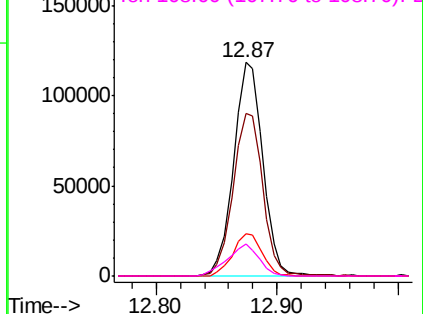
Abundance

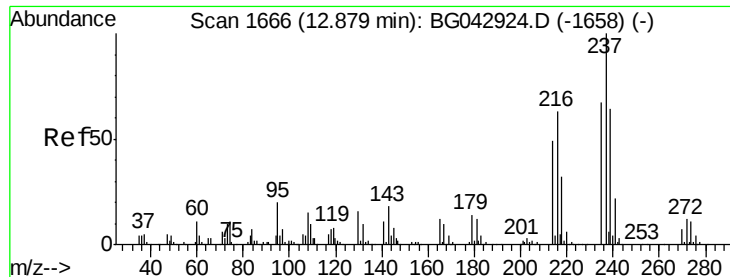
Ion 216.00 (215.70 to 216.70): E

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

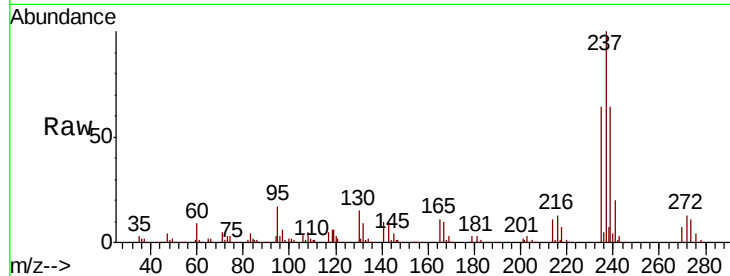




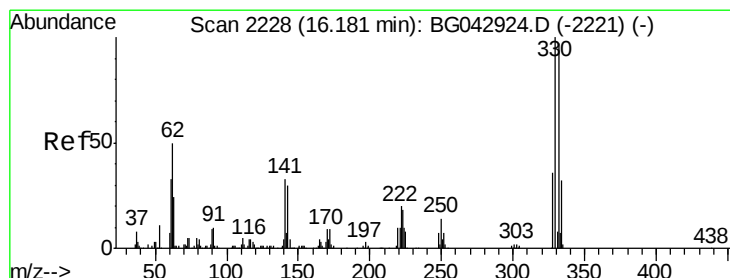
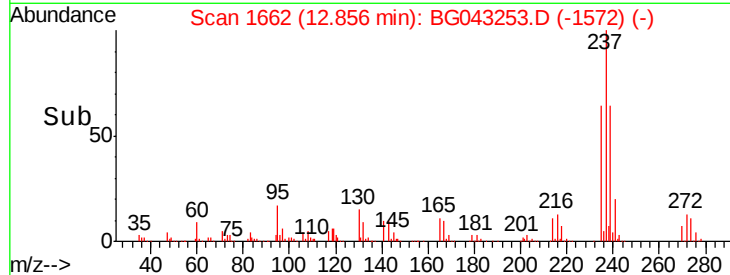
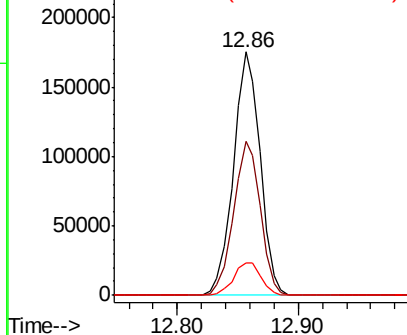
#41
Hexachlorocyclopentadiene
Concen: 82.038 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:237 Resp: 269994
Ion Ratio Lower Upper
237 100
235 63.5 46.7 86.7
272 13.3 0.0 32.3

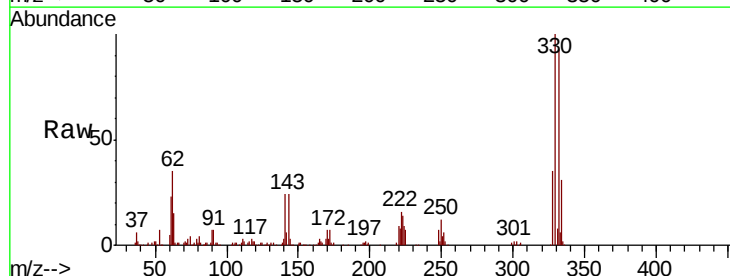


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

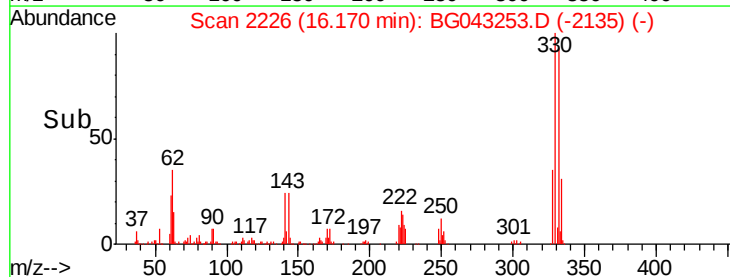
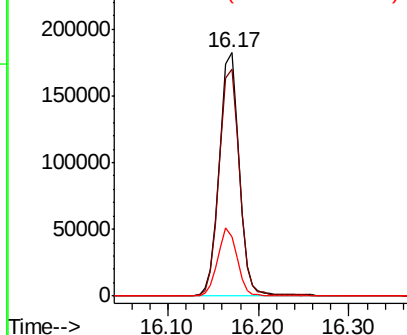


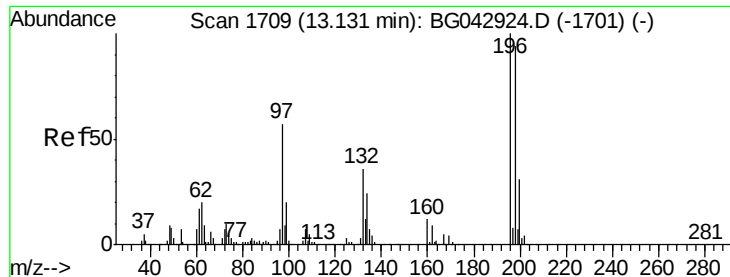
#42
2,4,6-Tribromophenol
Concen: 117.586 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:330 Resp: 277773
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.2
141 27.2 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

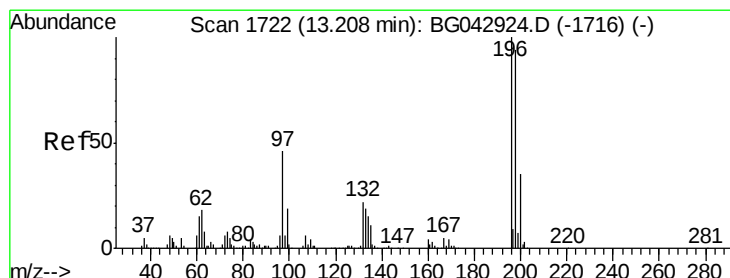
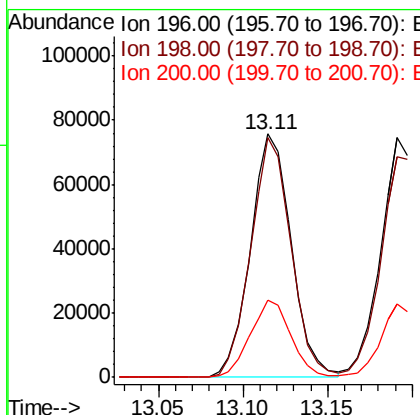
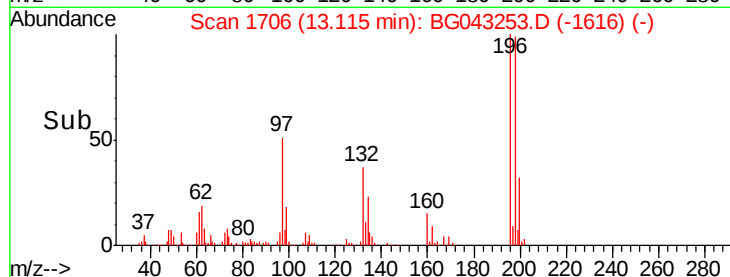
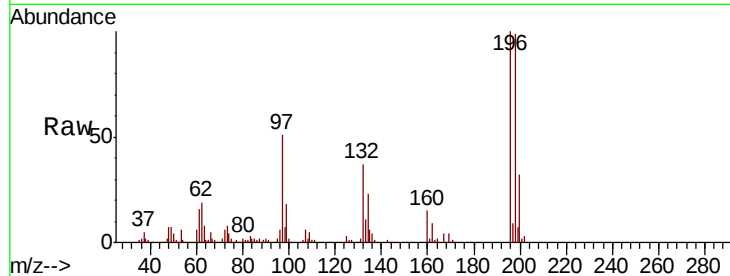




#43
 2,4,6-Trichlorophenol
 Concen: 42.149 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

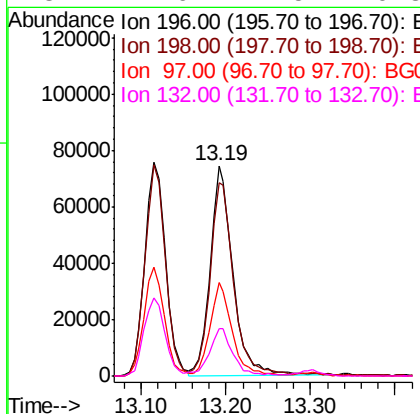
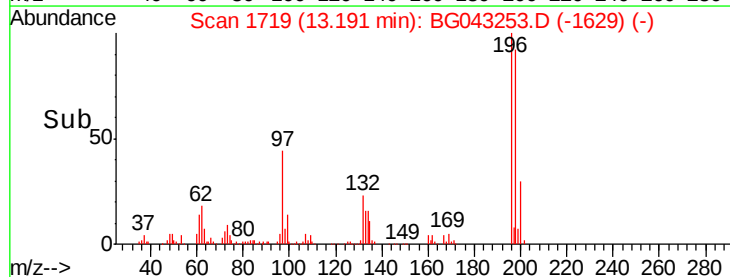
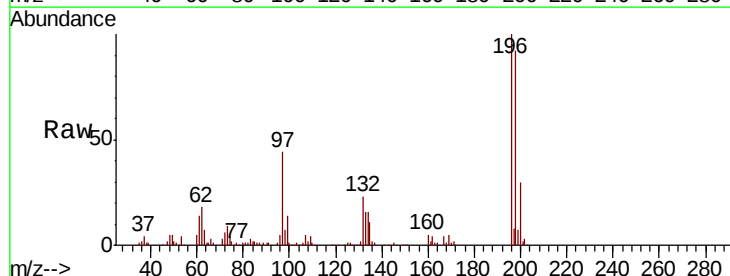
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:196 Resp: 127429
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.5 113.3
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.143 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion:196 Resp: 140595
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.1 112.7
 97 44.2 37.0 55.4
 132 22.6 17.5 26.3





#45

2-Fluorobiphenyl

Concen: 73.843 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

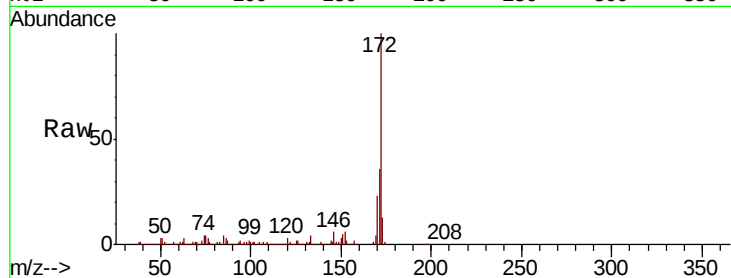
BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:172 Resp: 699757

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.0	19.6	29.4

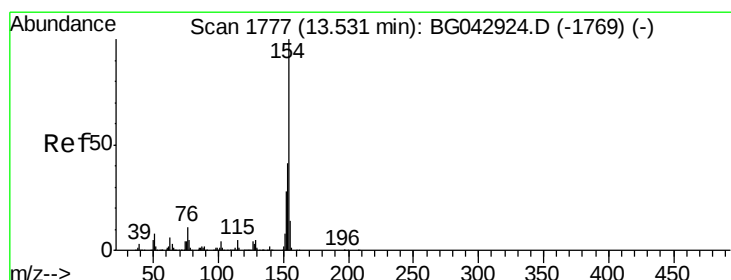
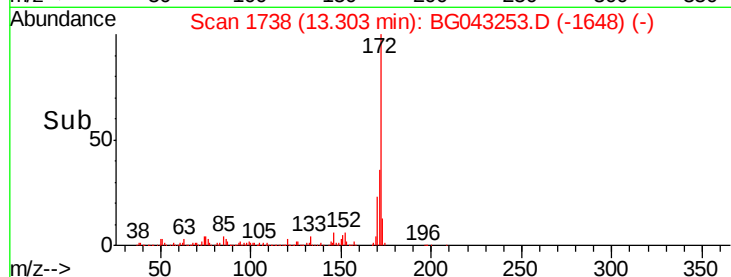
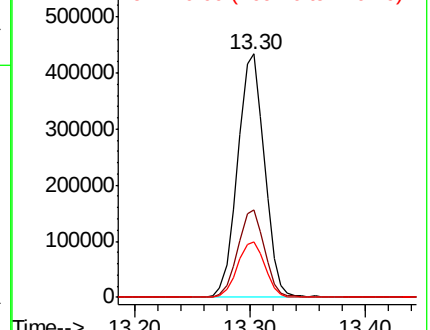


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.541 ng

RT: 13.51 min Scan# 1774

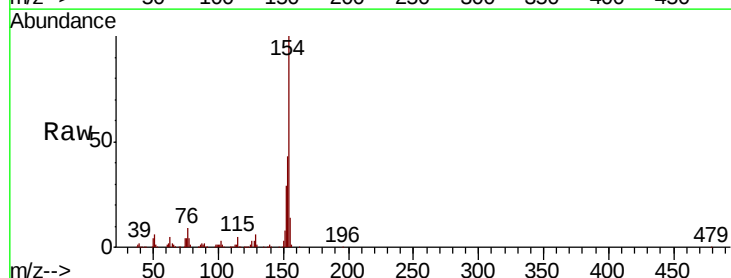
Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Tgt Ion:154 Resp: 411934

Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.4	61.4
76	9.0	0.0	31.3

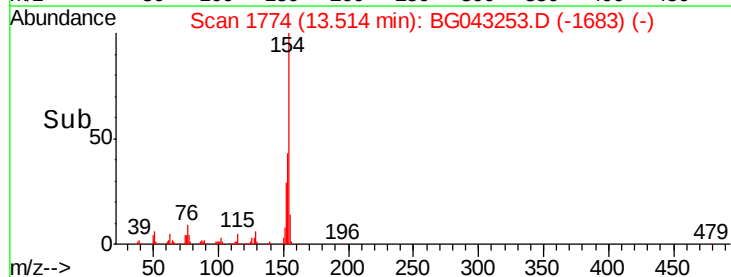
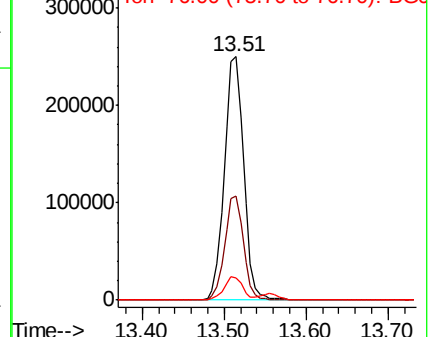


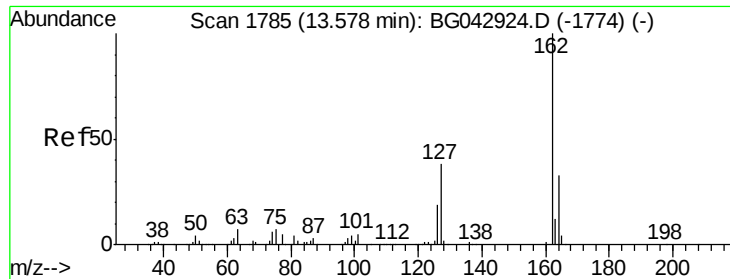
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

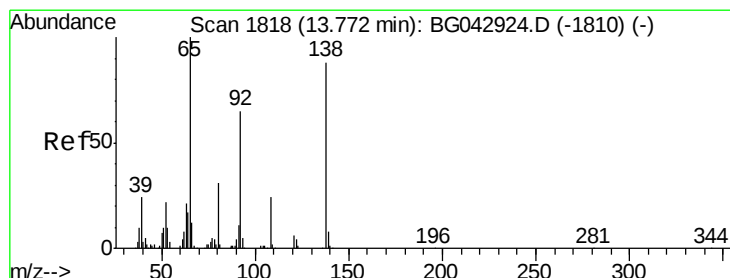
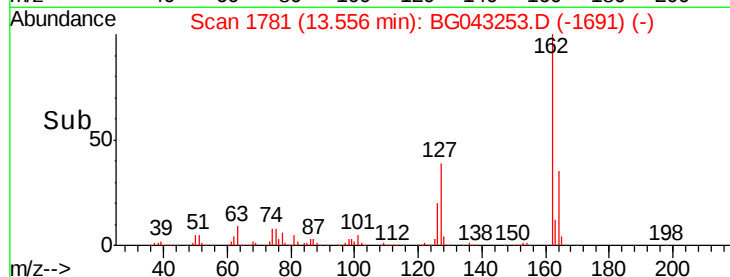
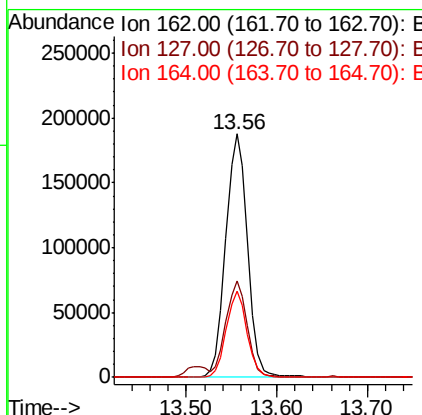
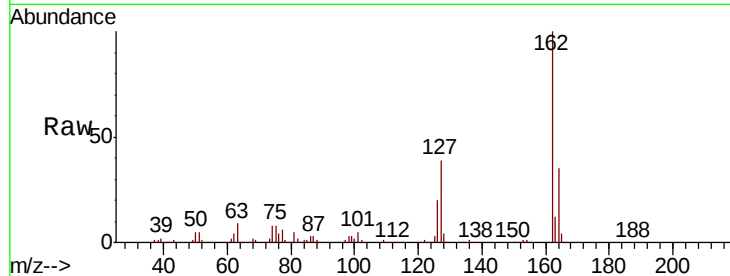




#47
 2-Chloronaphthalene
 Concen: 40.148 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

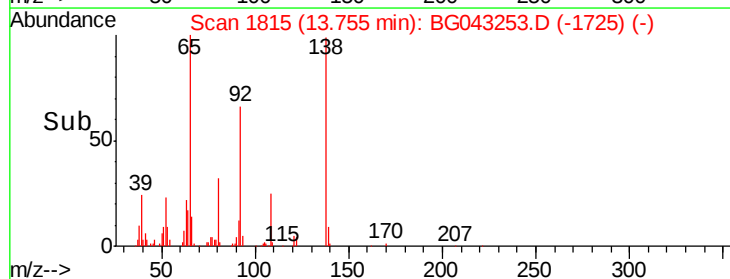
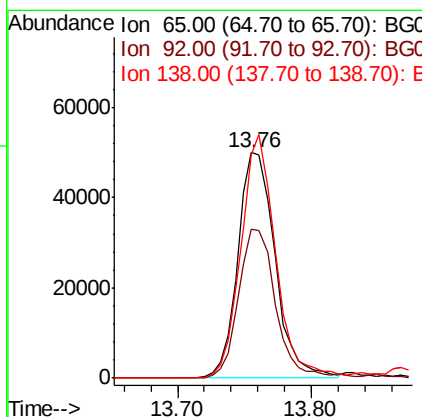
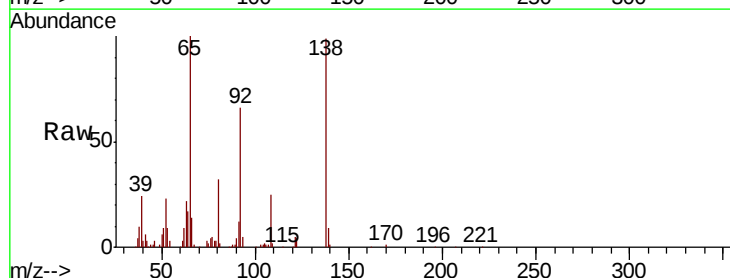
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

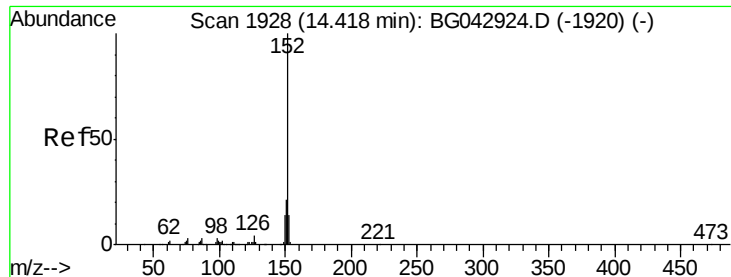
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.6
164	35.1	26.2	39.2



#48
 2-Nitroaniline
 Concen: 37.128 ng
 RT: 13.76 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.0	78.0
138	99.0	70.4	105.6





#49

Acenaphthylene

Concen: 42.484 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

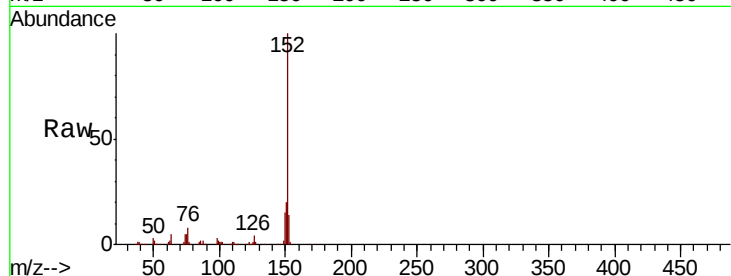
Tot Ion:152 Resp: 507765

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

153 13.6 11.3 16.9

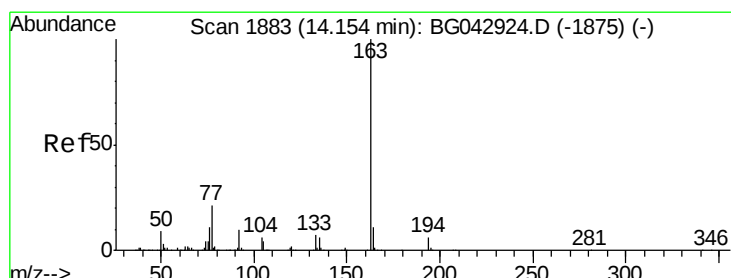
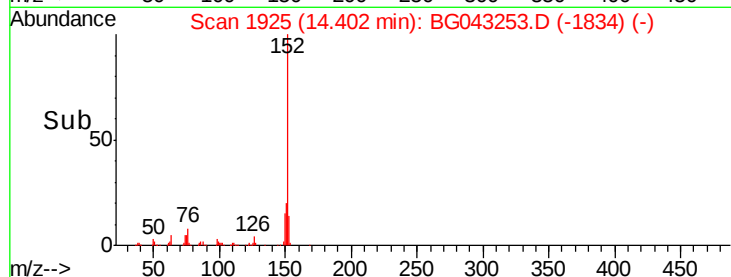
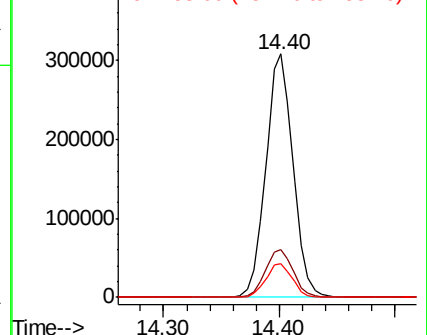


Abundance

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: 54.084 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

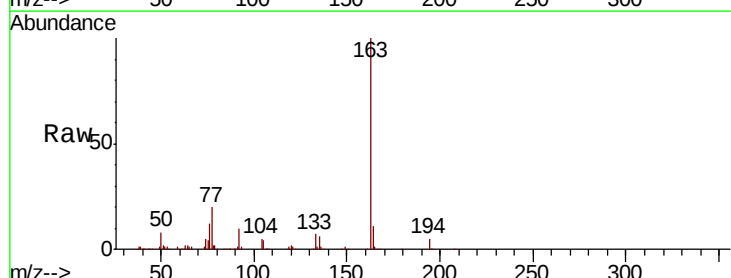
Tgt Ion:163 Resp: 556698

Ion Ratio Lower Upper

163 100

194 5.2 4.4 6.6

164 10.6 8.6 12.8

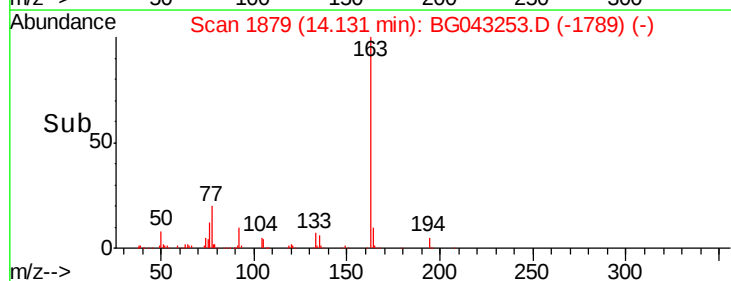
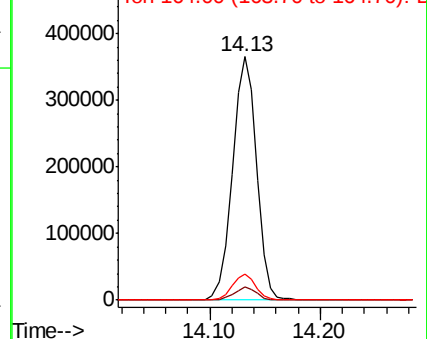


Abundance

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

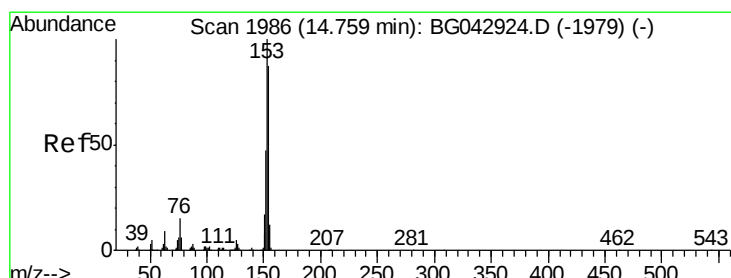
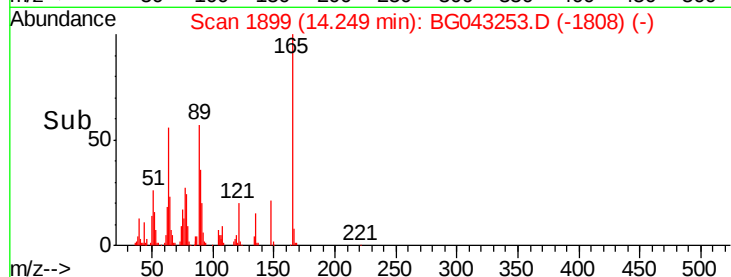
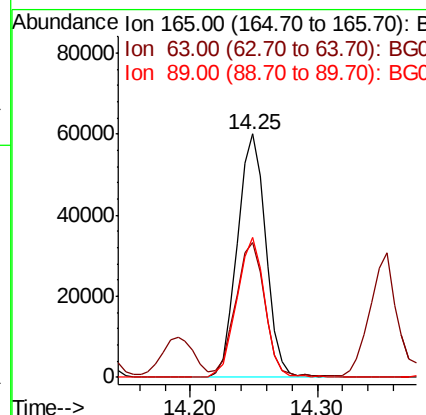
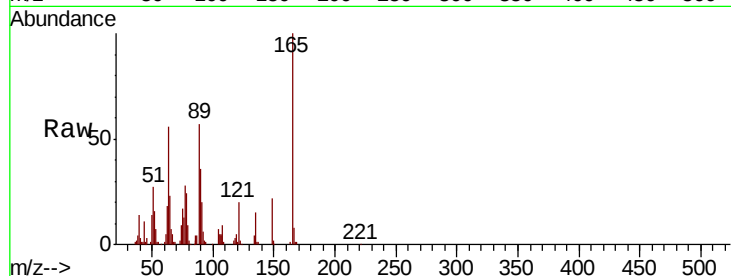




#51
 2,6-Dinitrotoluene
 Concen: 42.403 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

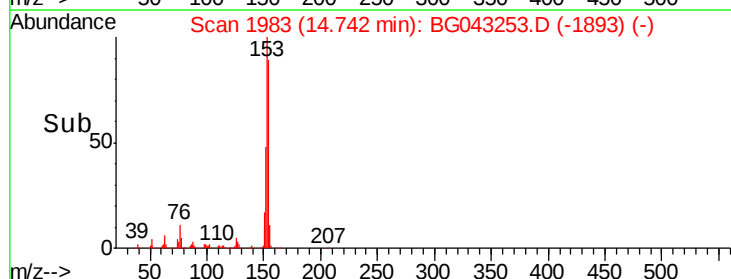
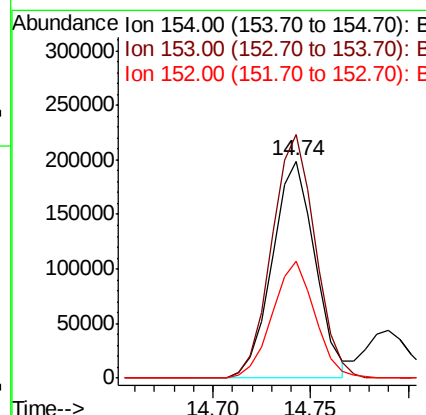
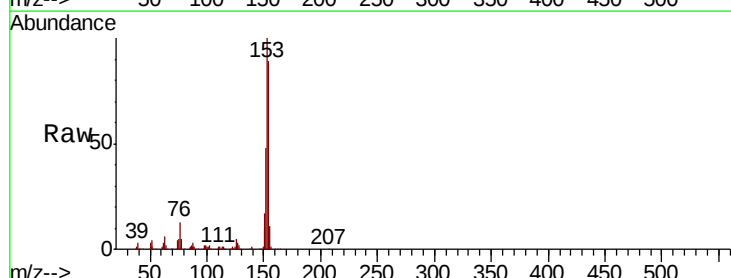
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:165 Resp: 92948
 Ion Ratio Lower Upper
 165 100
 63 55.5 50.3 75.5
 89 57.4 48.9 73.3



#52
 Acenaphthene
 Concen: 37.624 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion:154 Resp: 300993
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.4 137.0
 152 53.8 42.8 64.2





#53

3-Nitroaniline

Concen: 25.493 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

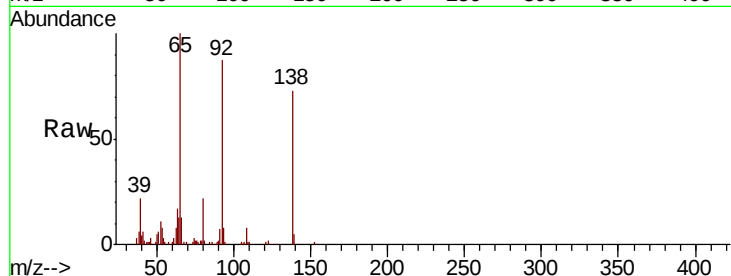
Tot Ion:138 Resp: 57751

Ion Ratio Lower Upper

138 100

108 11.0 7.9 11.9

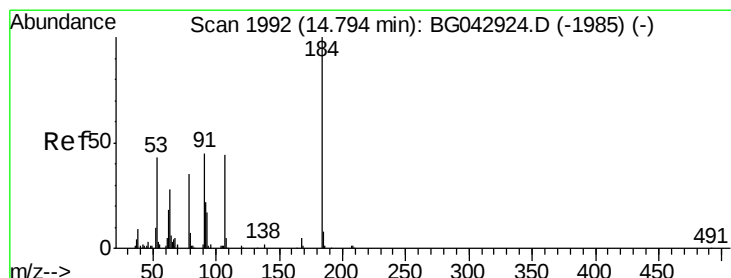
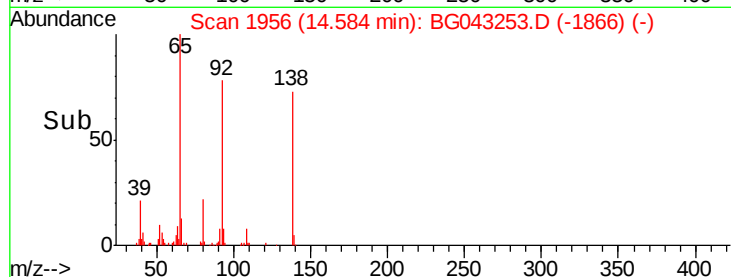
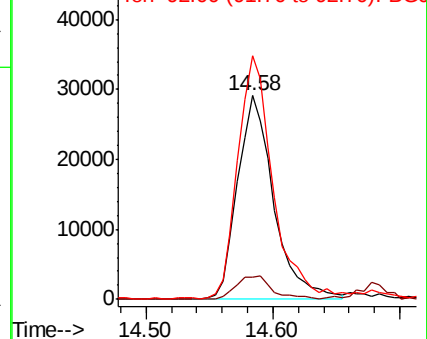
92 119.7 97.0 145.6



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: 86.263 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

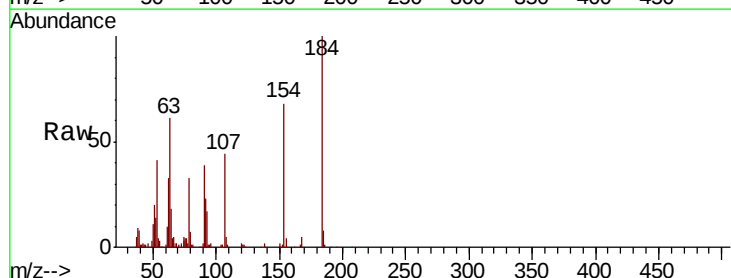
Tgt Ion:184 Resp: 117535

Ion Ratio Lower Upper

184 100

63 60.8 55.0 82.6

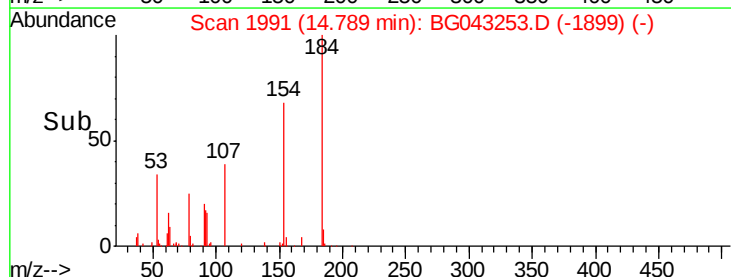
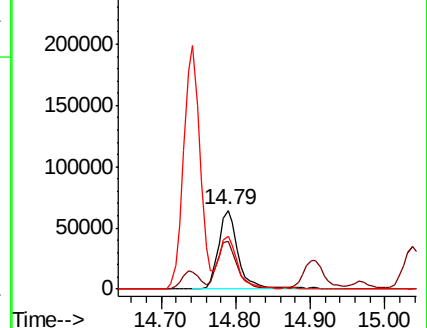
154 68.0 56.5 84.7

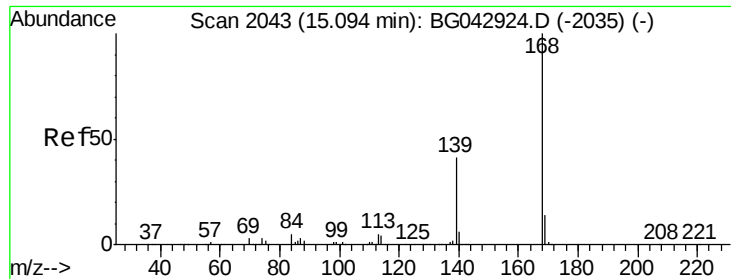


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

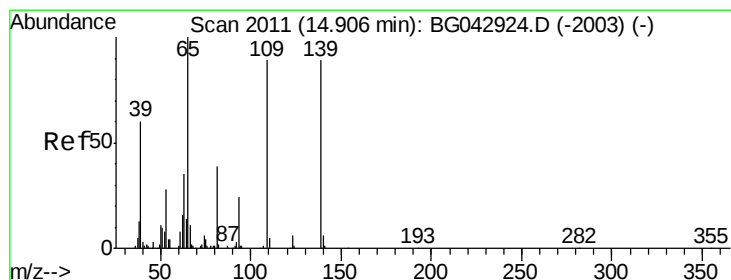
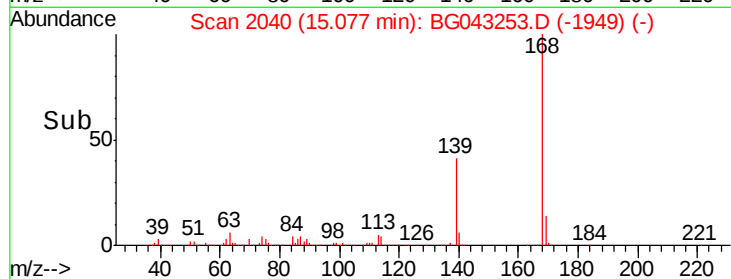
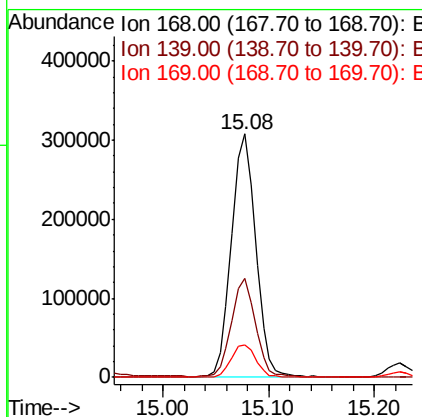
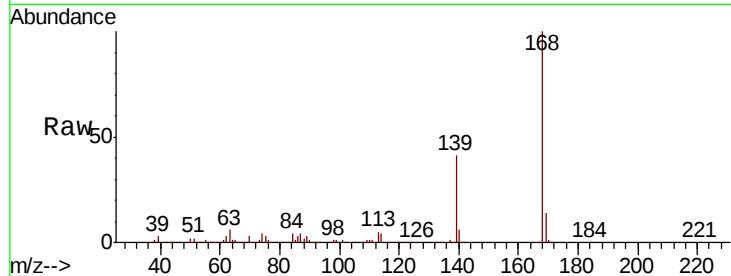




#55
Dibenzofuran
Concen: 41.601 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

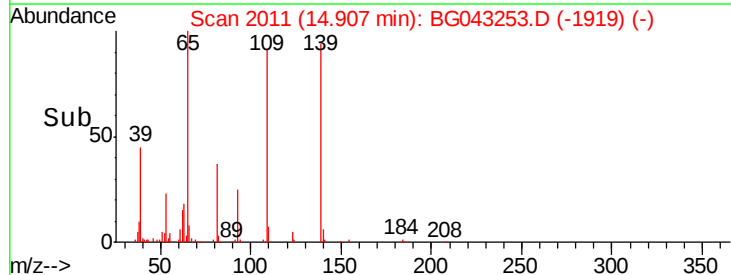
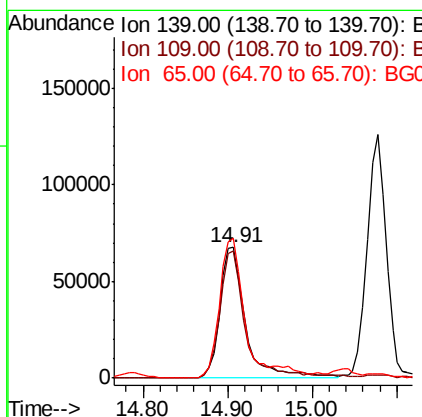
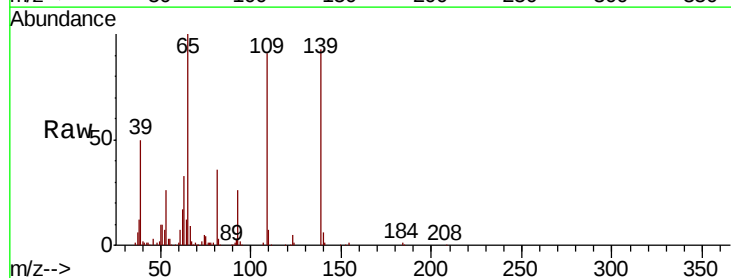
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

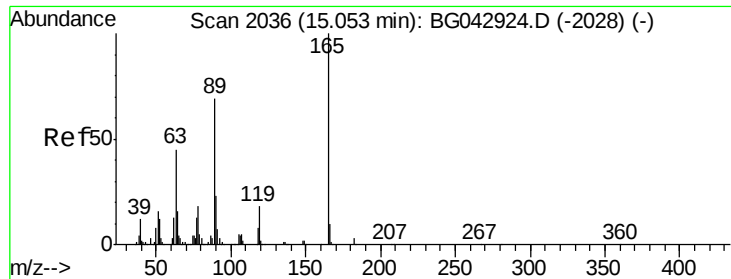
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	48.8
169	13.5	11.2	16.8



#56
4-Nitrophenol
Concen: 83.341 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.1	79.4	119.4
65	107.0	92.5	132.5

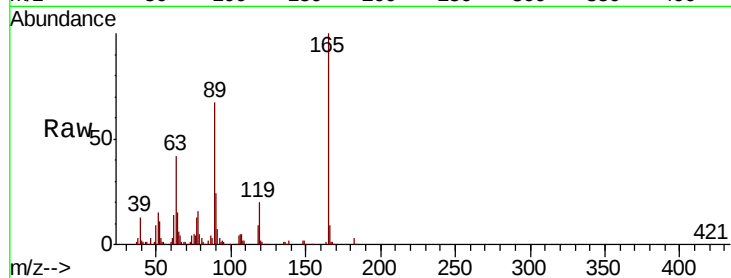




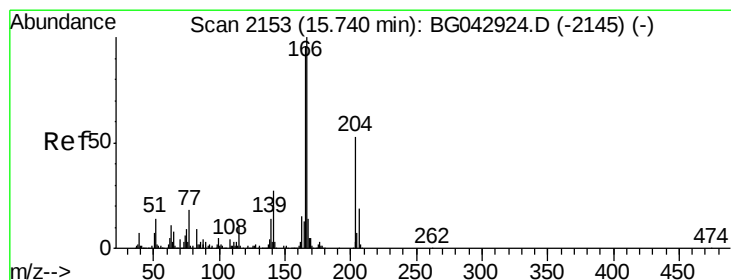
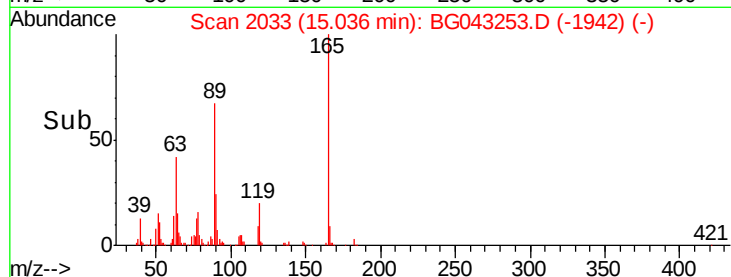
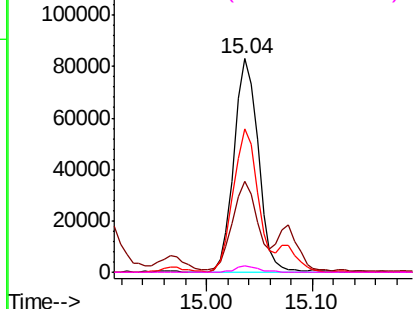
#57
2,4-Dinitrotoluene
Concen: 41.342 ng
RT: 15.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:165 Resp: 132708
Ion Ratio Lower Upper
165 100
63 42.4 36.5 54.7
89 67.2 55.5 83.3
182 3.1 2.4 3.6

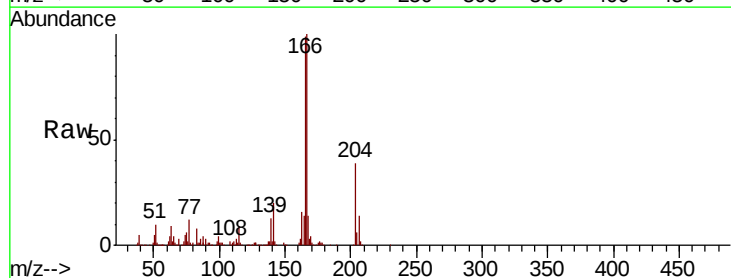


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

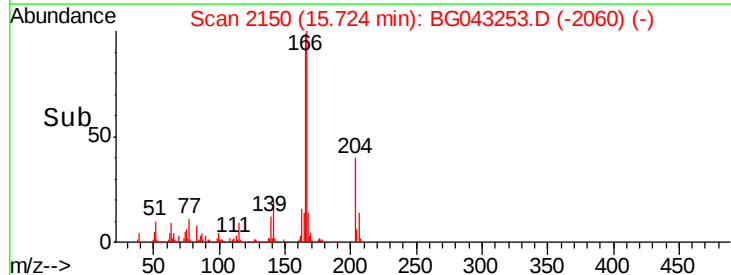
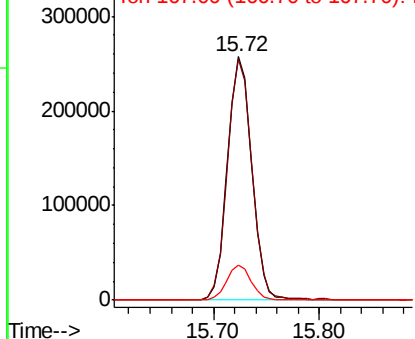


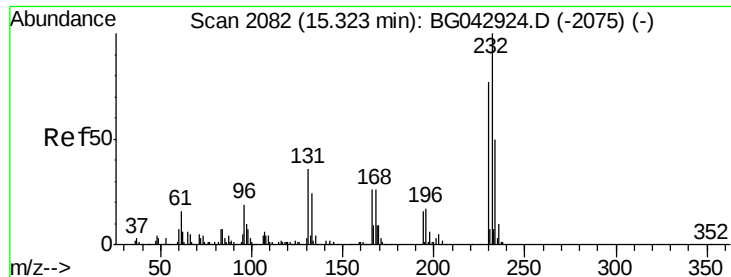
#58
Fluorene
Concen: 40.518 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:166 Resp: 409378
Ion Ratio Lower Upper
166 100
165 99.0 77.1 115.7
167 14.2 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

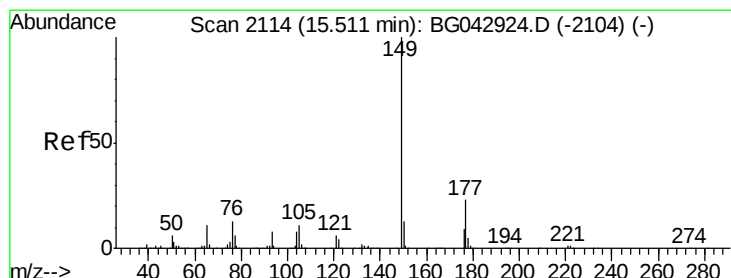
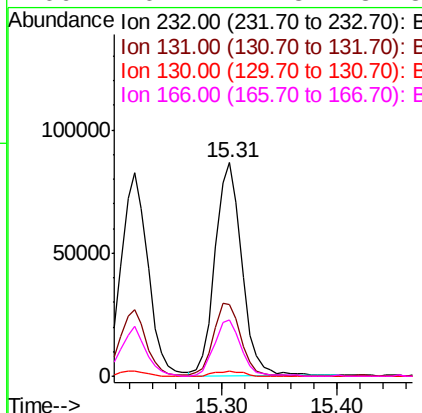
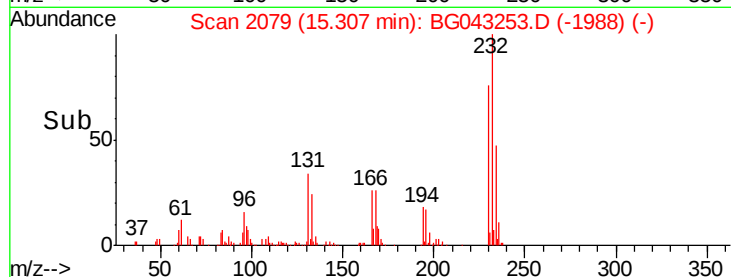
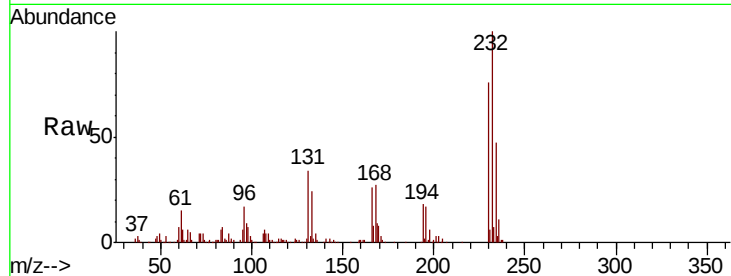




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.712 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

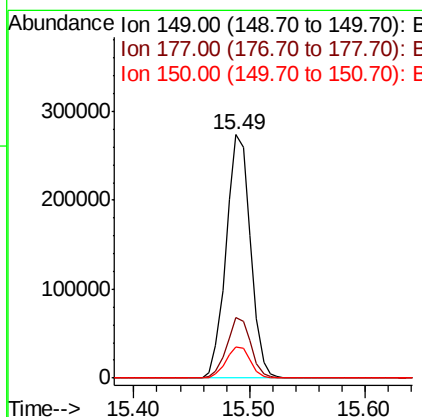
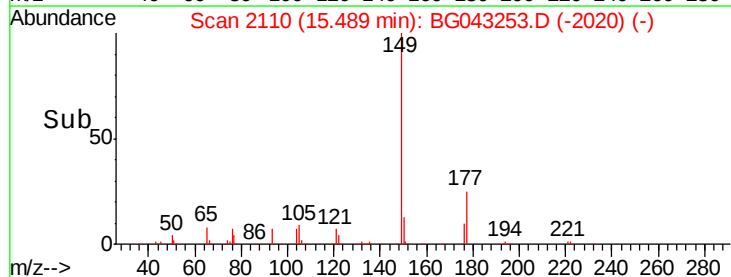
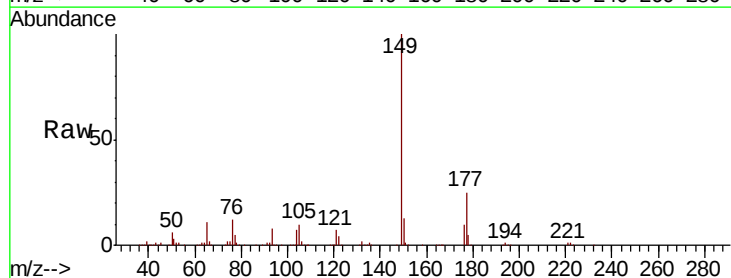
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:	232	Resp:	138321
Ion	Ratio	Lower	Upper
232	100		
131	35.9	29.6	44.4
130	2.3	1.9	2.9
166	26.4	21.8	32.8



#60
 Diethylphthalate
 Concen: 38.147 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion:	149	Resp:	399606
Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.8	28.2
150	13.0	10.6	15.8

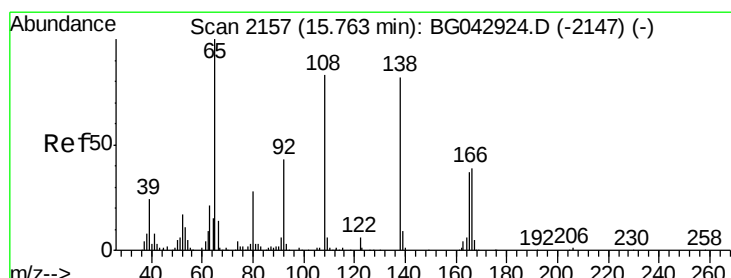
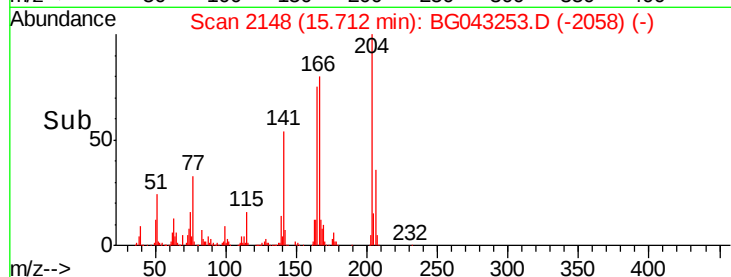
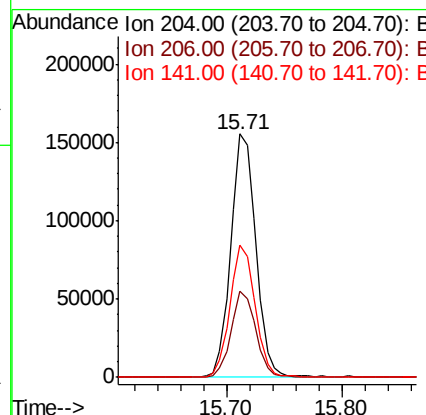
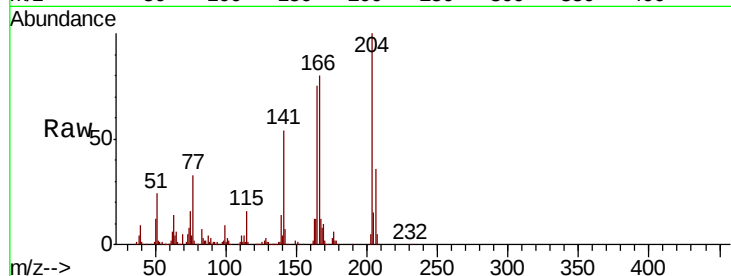




#61
4-Chlorophenyl-phenylether
Concen: 38.623 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

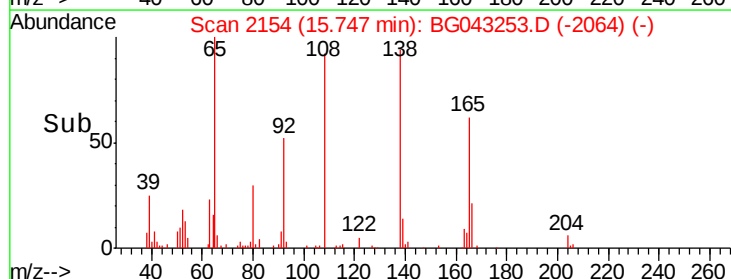
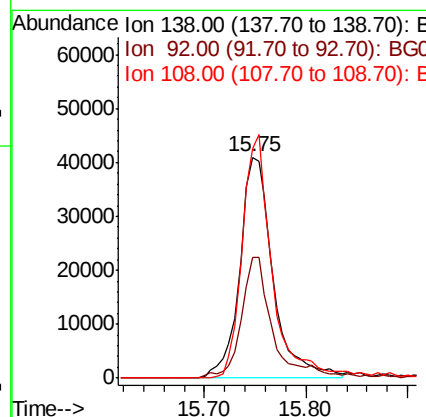
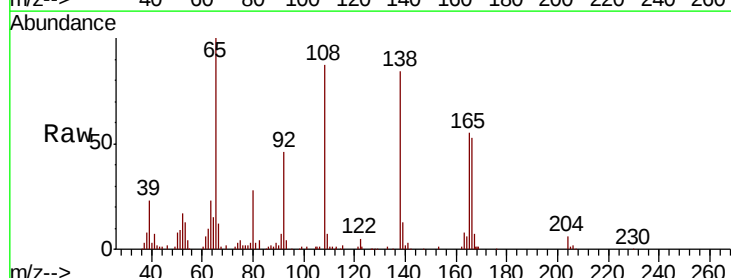
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

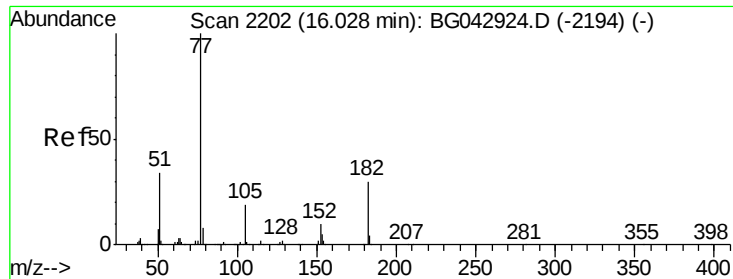
Tot Ion:204 Resp: 234033
Ion Ratio Lower Upper
204 100
206 35.6 28.5 42.7
141 54.3 42.4 63.6



#62
4-Nitroaniline
Concen: 37.857 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:138 Resp: 93531
Ion Ratio Lower Upper
138 100
92 54.9 32.9 72.9
108 104.1 81.3 121.3





#63

Azobenzene

Concen: 36.639 ng

RT: 16.01 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion: 77 Resp: 349431

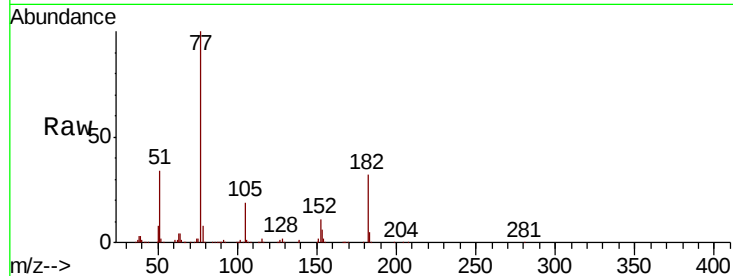
Ion Ratio Lower Upper

77 100

182 31.5 10.2 50.2

105 19.0 0.0 39.1

51 34.3 13.9 53.9

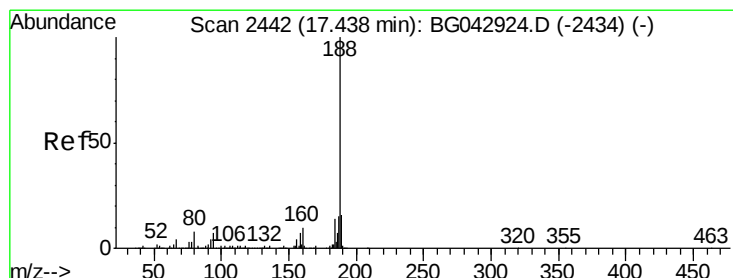
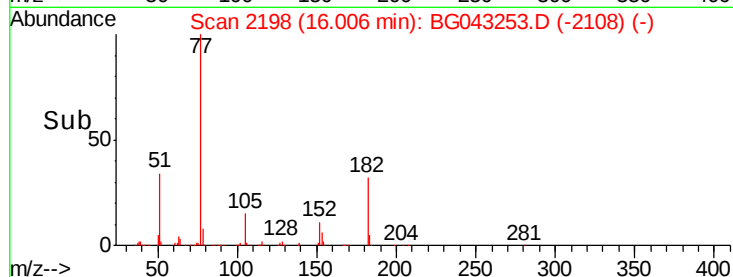
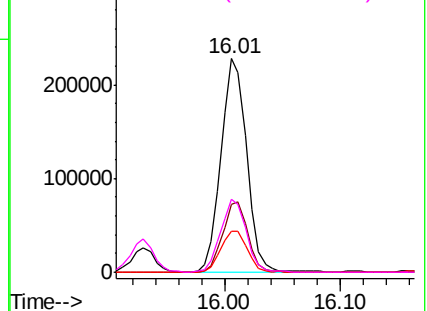


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

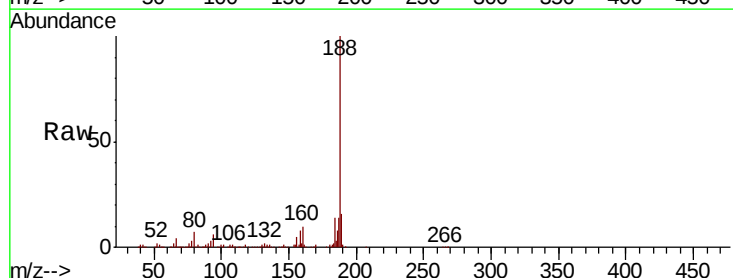
Tgt Ion: 188 Resp: 312193

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

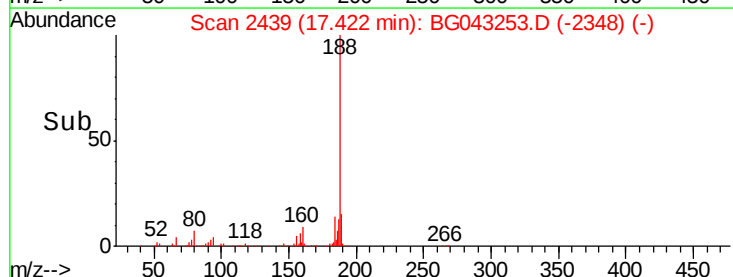
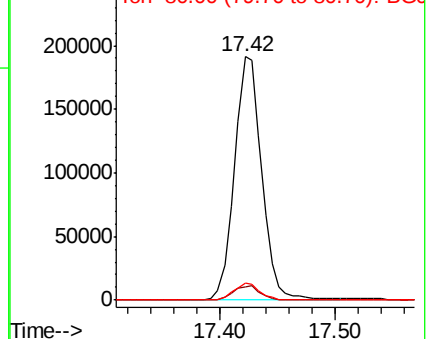
80 7.2 6.5 9.7

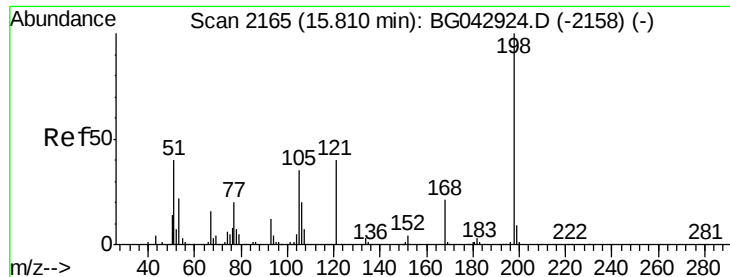


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

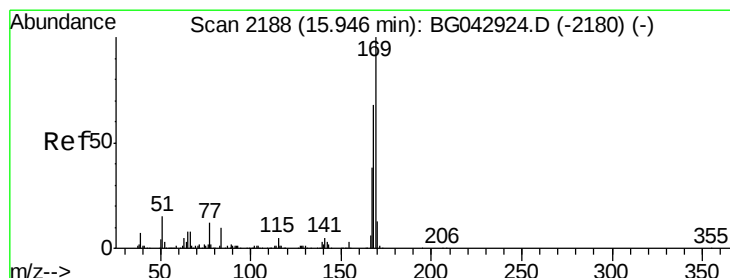
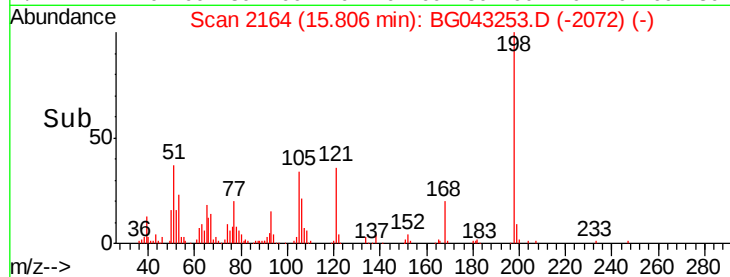
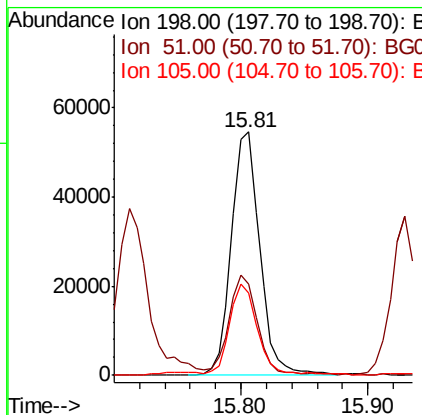
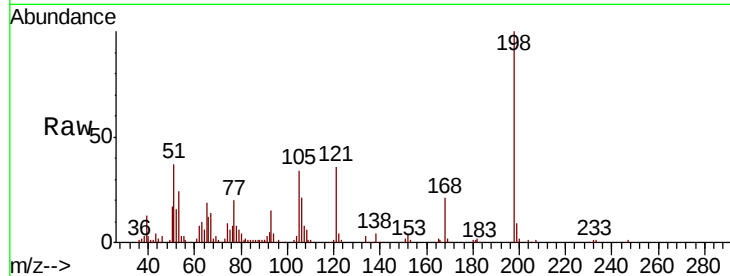




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.165 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

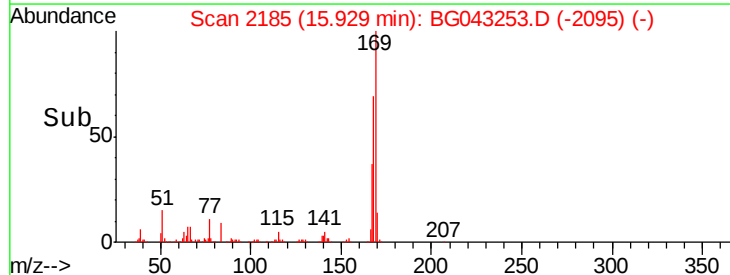
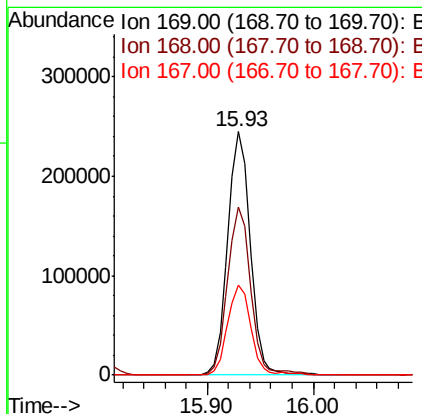
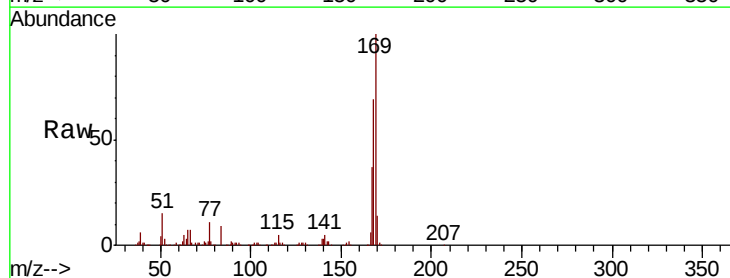
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:198 Resp: 85088
 Ion Ratio Lower Upper
 198 100
 51 37.3 25.3 65.3
 105 33.6 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.955 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion:169 Resp: 362251
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.8 82.2
 167 37.0 30.6 46.0

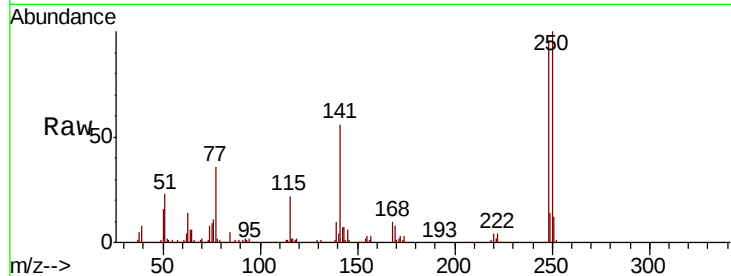




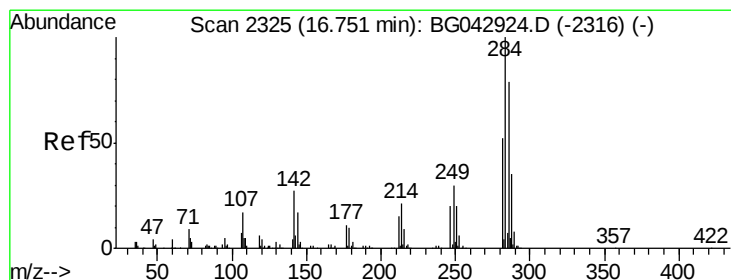
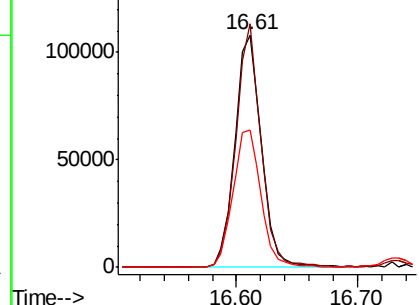
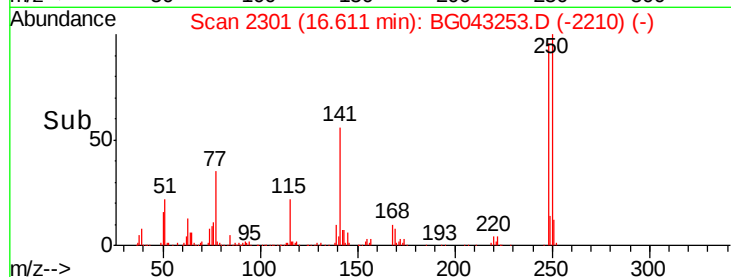
#67
4-Bromophenyl-phenylether
Concen: 42.367 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:248 Resp: 166007
Ion Ratio Lower Upper
248 100
250 104.7 75.8 113.8
141 58.8 51.1 76.7

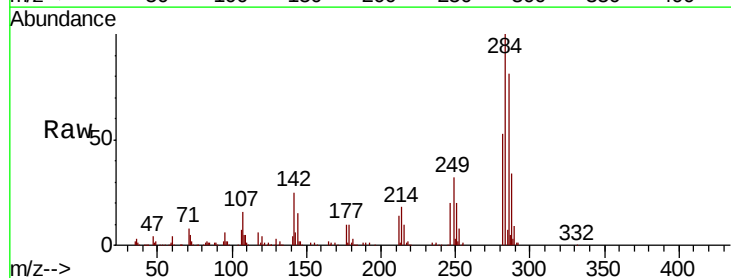


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

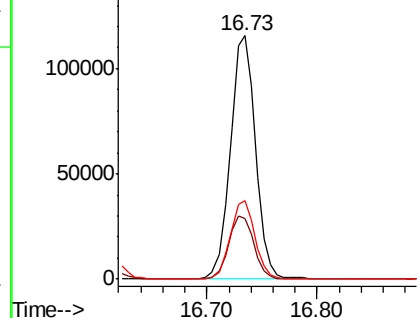
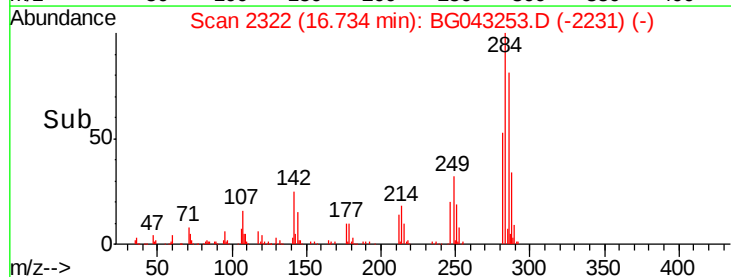


#68
Hexachlorobenzene
Concen: 42.283 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:284 Resp: 184470
Ion Ratio Lower Upper
284 100
142 25.1 21.6 32.4
249 32.0 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: 39.418 ng

RT: 16.88 min Scan# 2346

Delta R.T. -0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

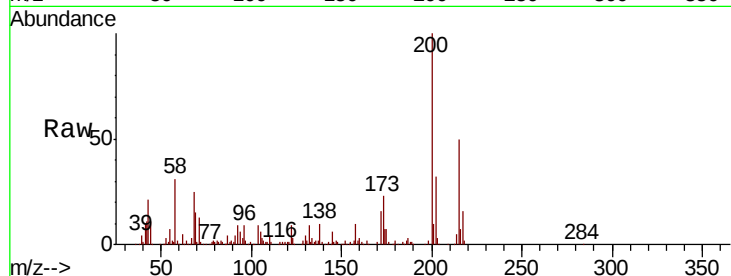
Tot Ion:200 Resp: 136797

Ion Ratio Lower Upper

200 100

173 22.7 4.0 44.0

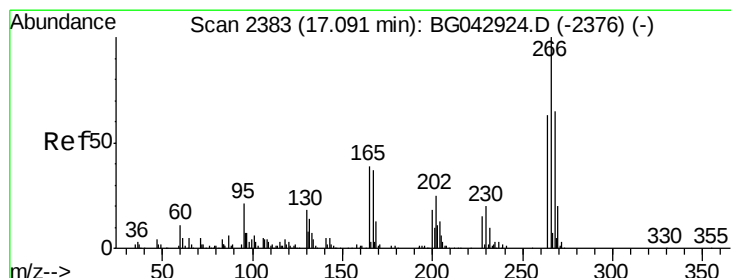
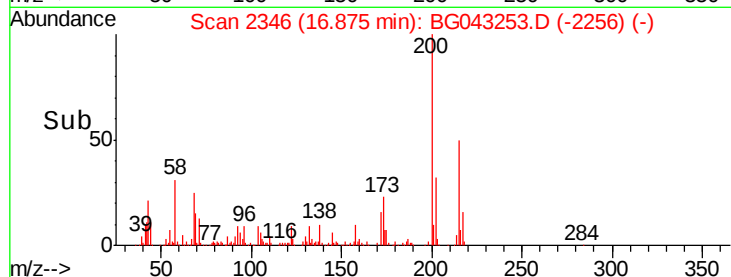
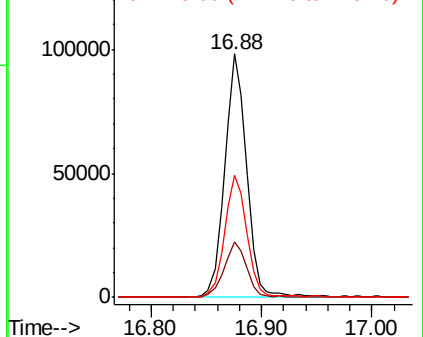
215 49.9 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.364 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

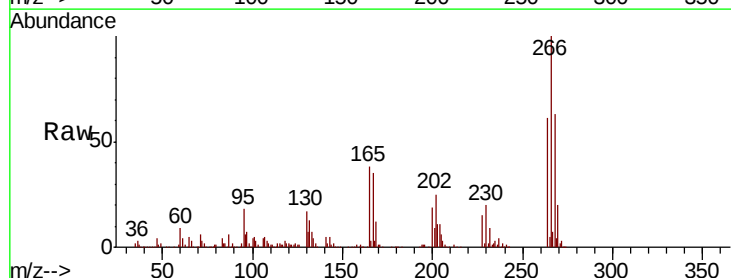
Tgt Ion:266 Resp: 214899

Ion Ratio Lower Upper

266 100

268 62.6 52.2 78.2

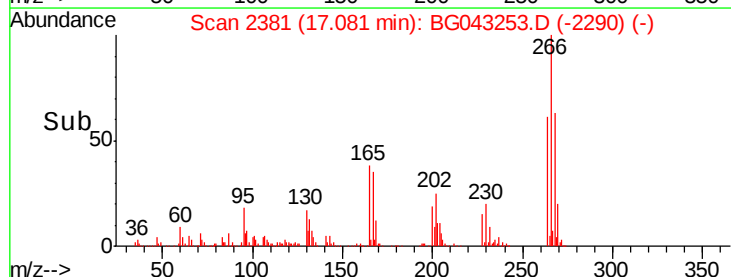
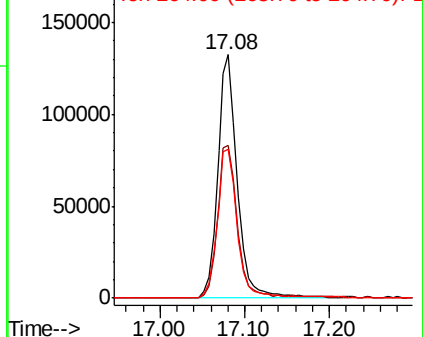
264 61.2 50.7 76.1

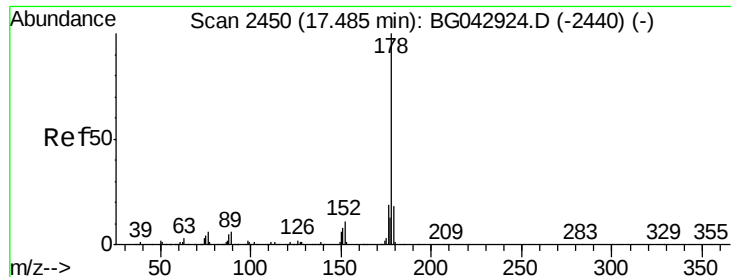


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

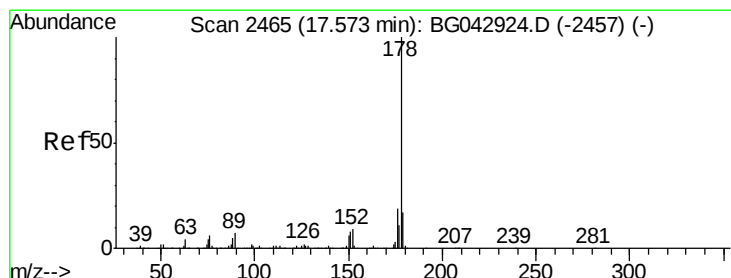
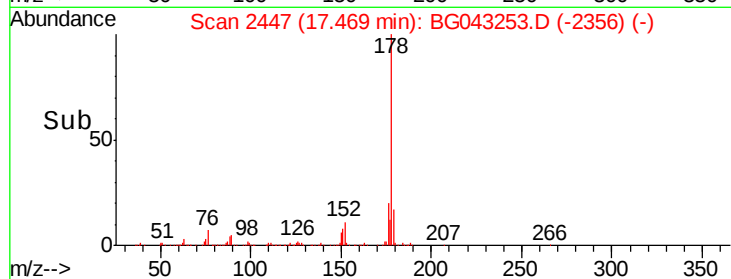
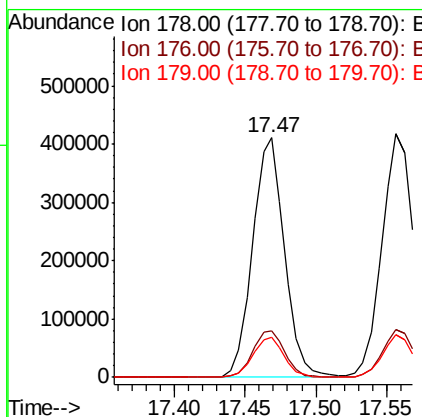
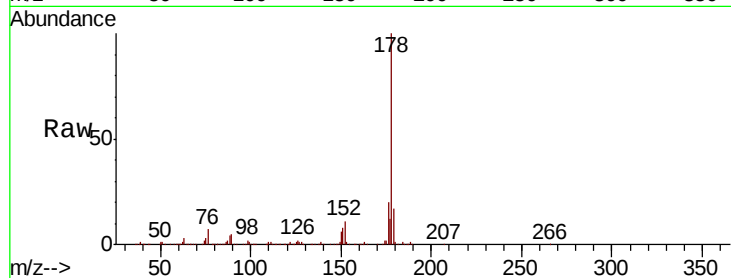




#71
Phenanthrene
Concen: 42.726 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

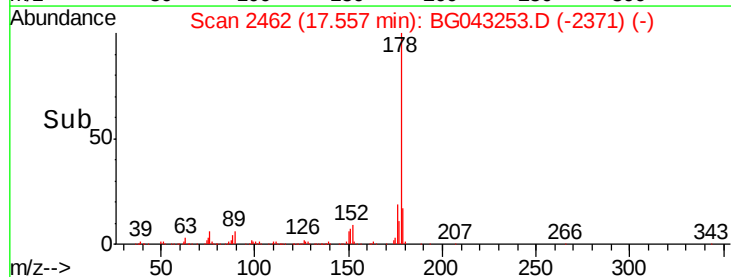
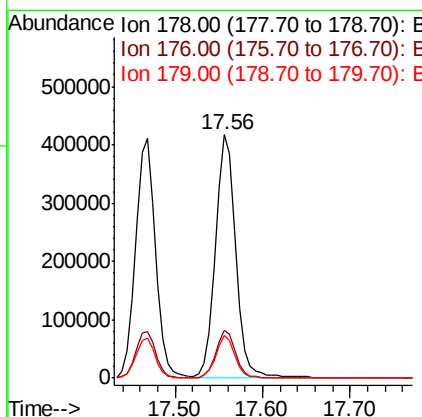
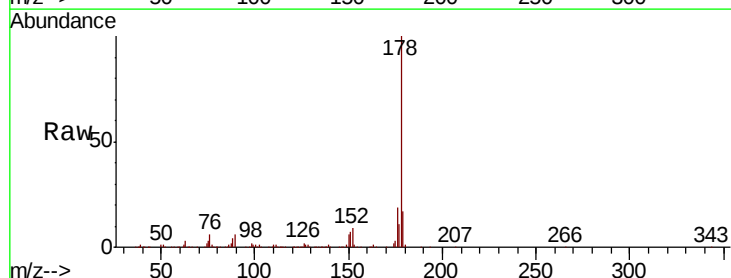
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.7	14.1	21.1



#72
Anthracene
Concen: 44.293 ng
RT: 17.56 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.4	13.5	20.3

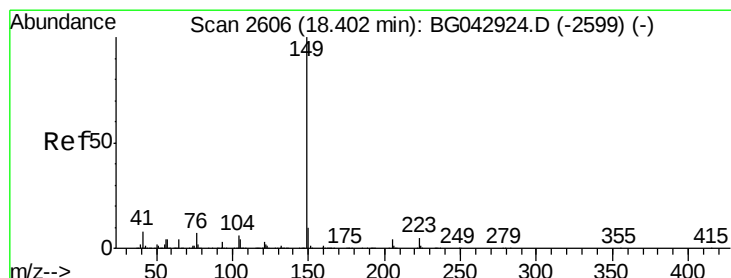
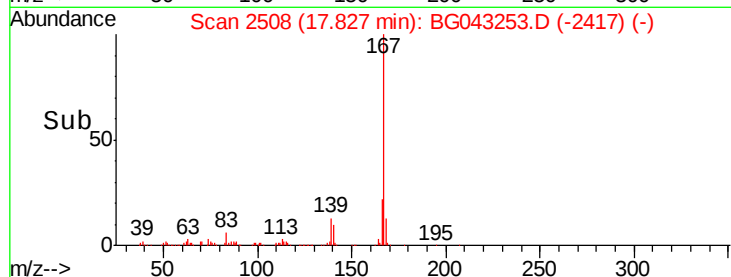
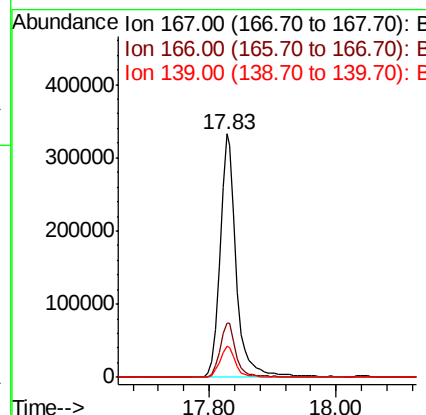
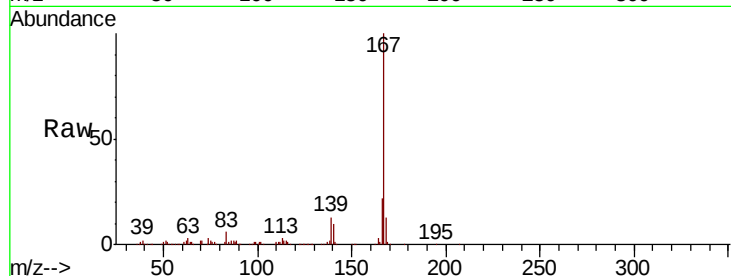




#73
 Carbazole
 Concen: 42.813 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

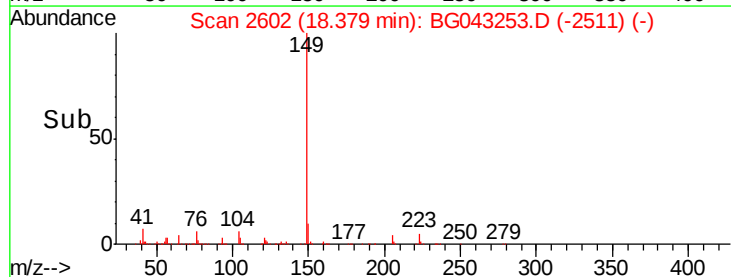
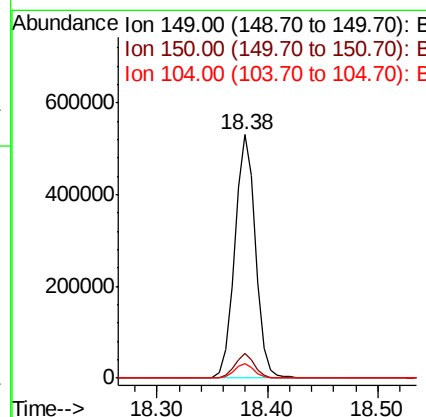
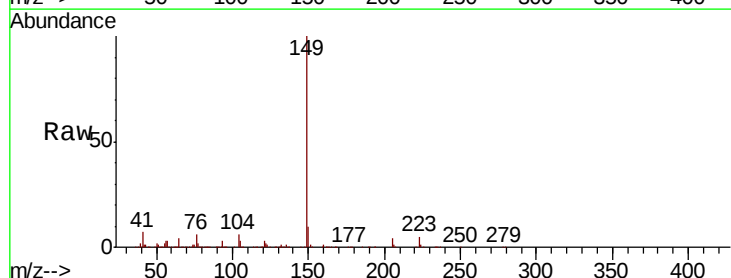
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-1MSD

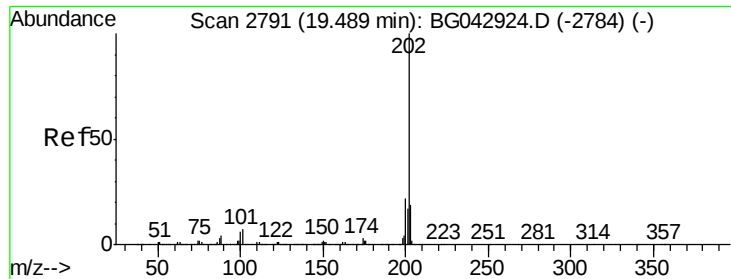
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.6	28.0
139	12.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.350 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043253.D
 Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 43.218 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

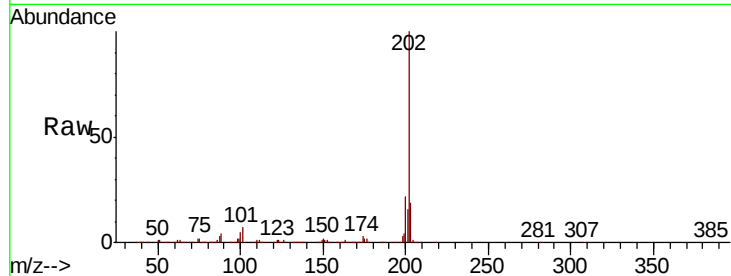
Tot Ion:202 Resp: 871260

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.3

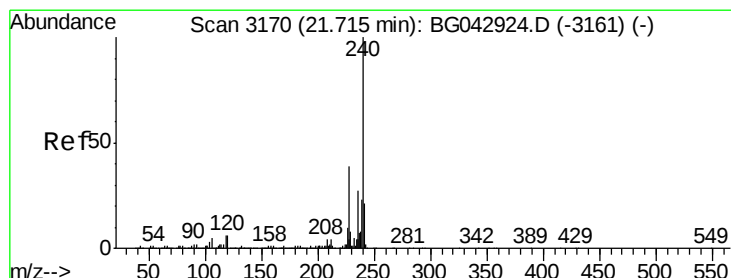
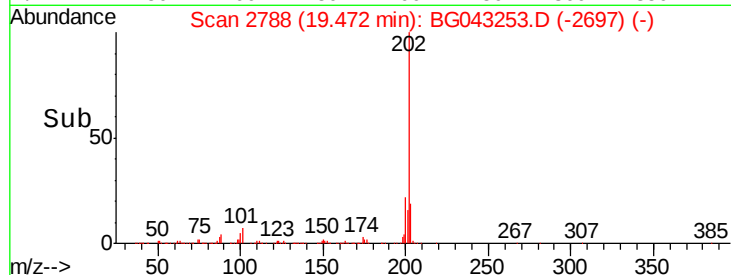
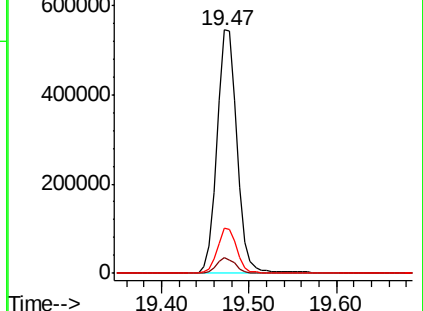
203 18.8 0.0 39.5



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: BG043253.D

Acq: 16 Oct 2019 20:14

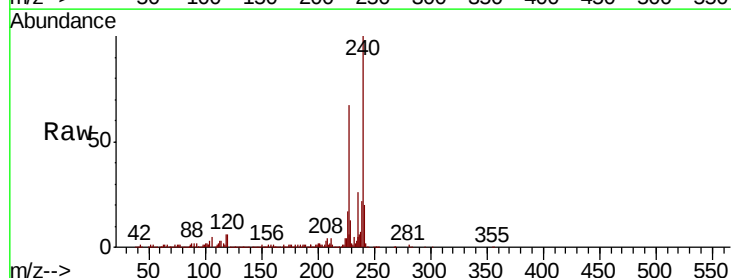
Tgt Ion:240 Resp: 333374

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

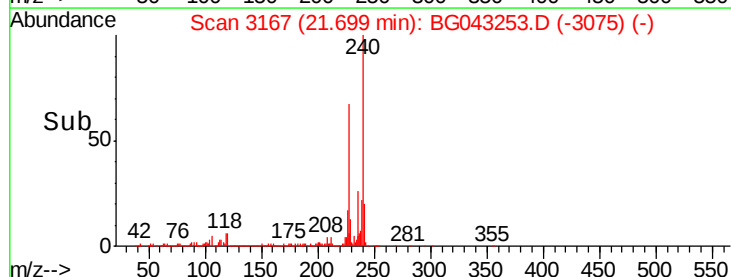
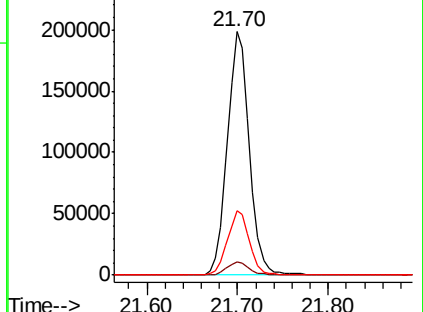
236 26.3 21.4 32.0

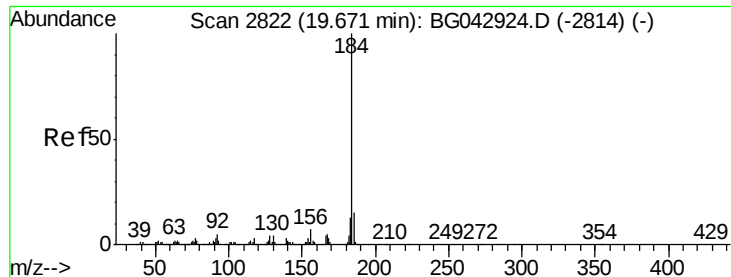


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.621 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

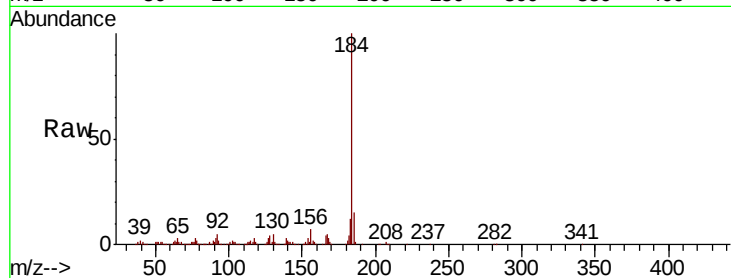
BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:184 Resp: 397505

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	12.4	10.1	15.1

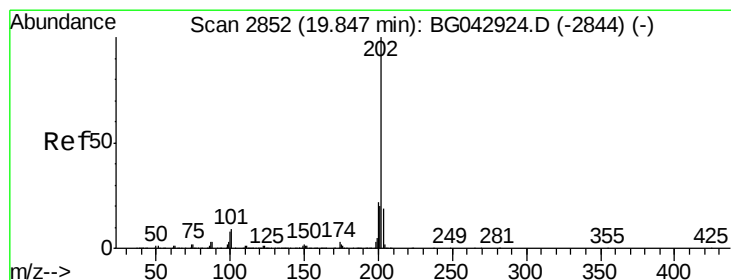
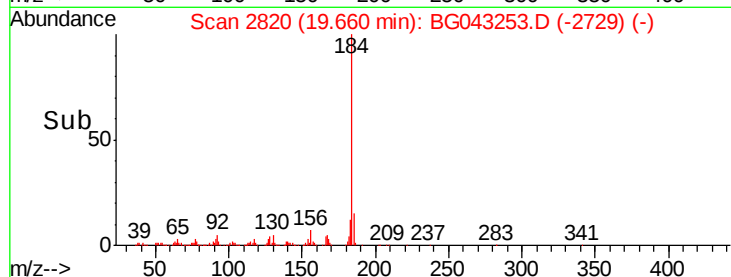
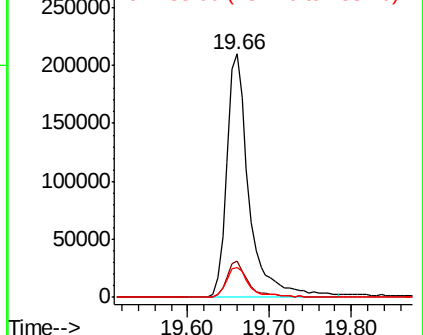


Abundance

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: 43.957 ng

RT: 19.84 min Scan# 2850

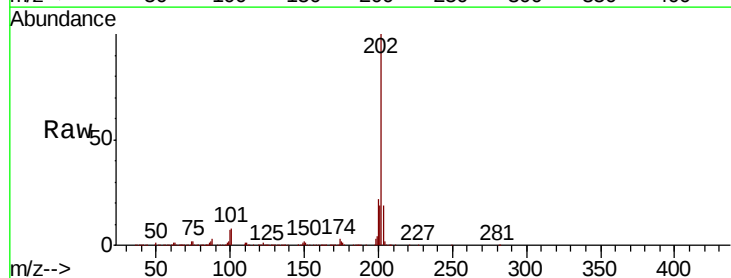
Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Tgt Ion:202 Resp: 874656

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.5	15.2	22.8

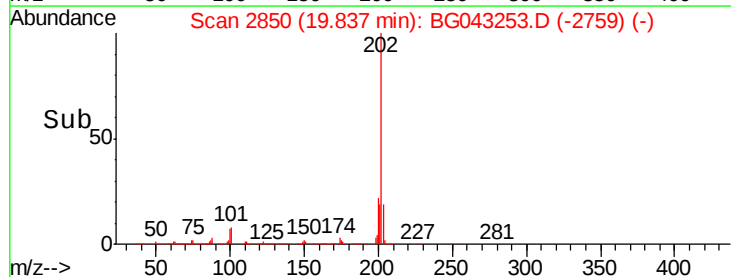
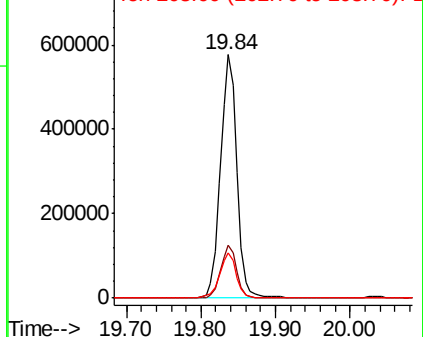


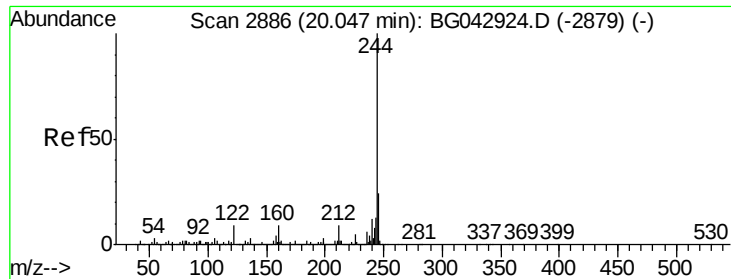
Abundance

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: 78.661 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

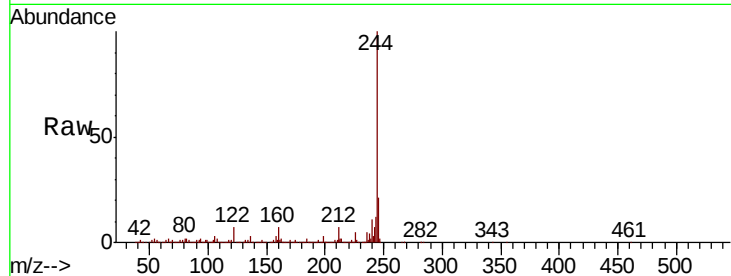
Tot Ion:244 Resp: 1230639

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

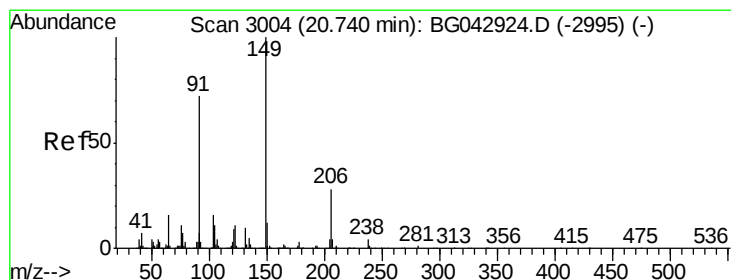
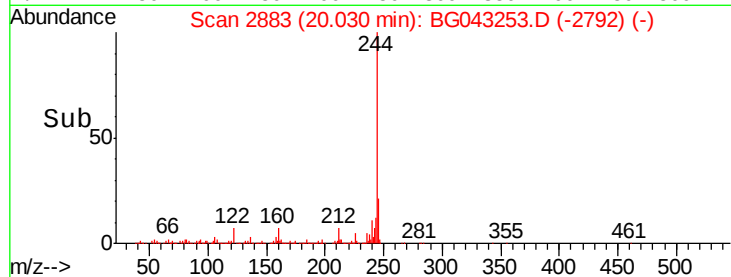
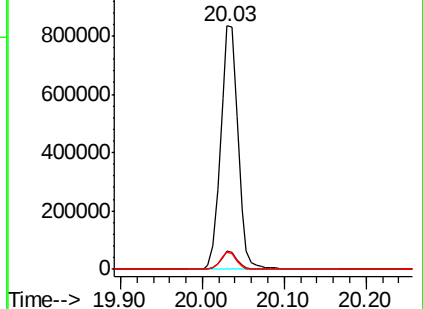
122 7.0 7.0 10.4



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: 41.254 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

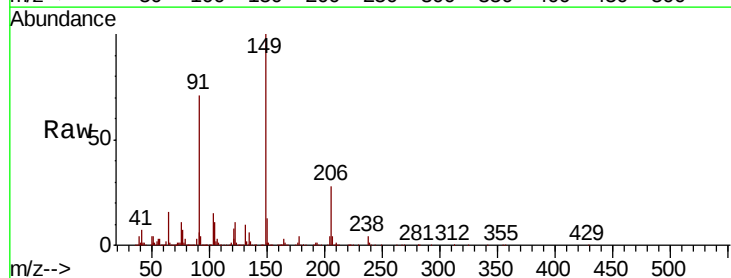
Tgt Ion:149 Resp: 311578

Ion Ratio Lower Upper

149 100

91 71.3 57.7 86.5

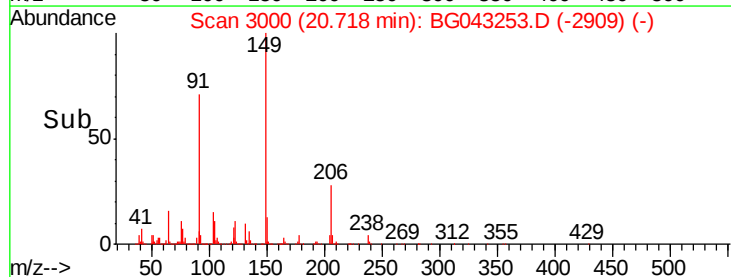
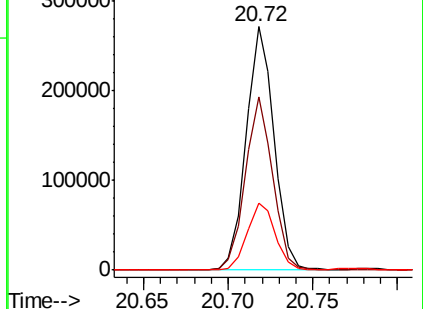
206 27.7 22.6 33.8

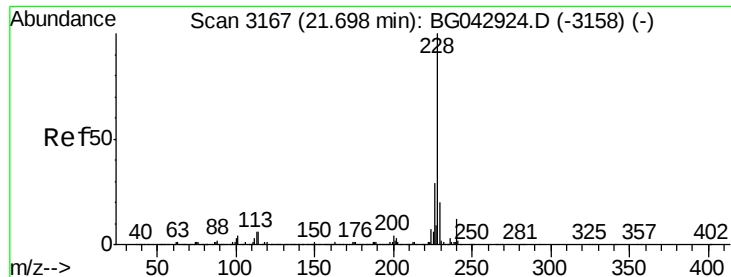


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

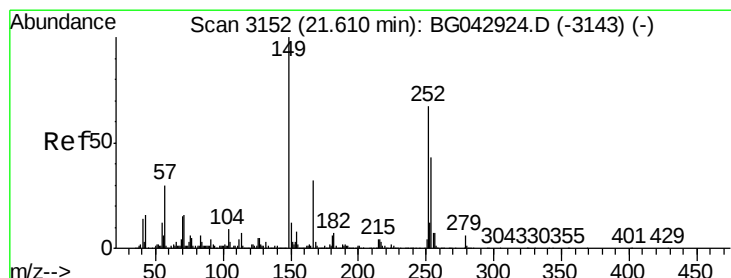
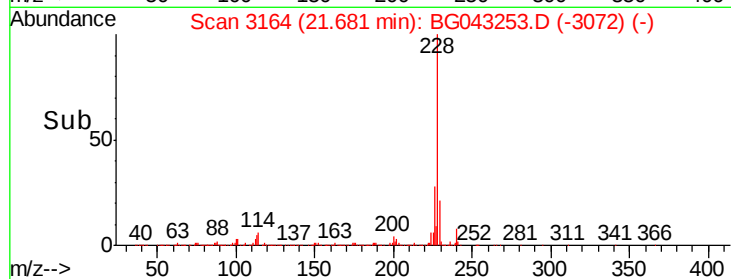
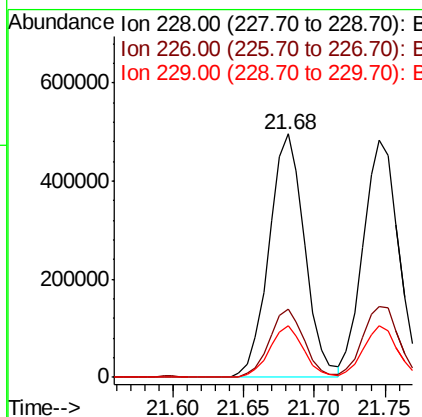
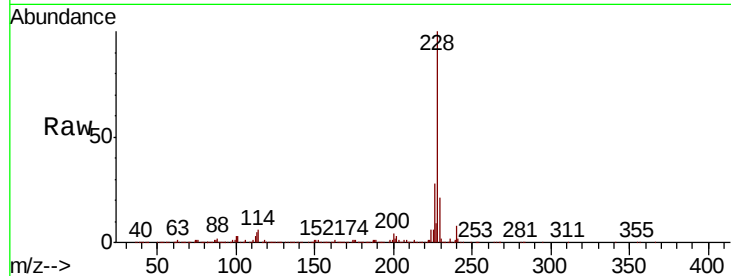




#81
Benzo(a)anthracene
Concen: 42.094 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

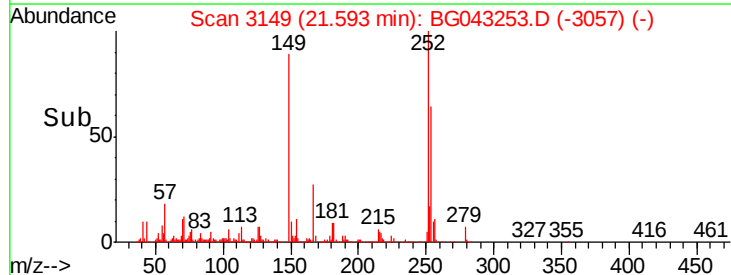
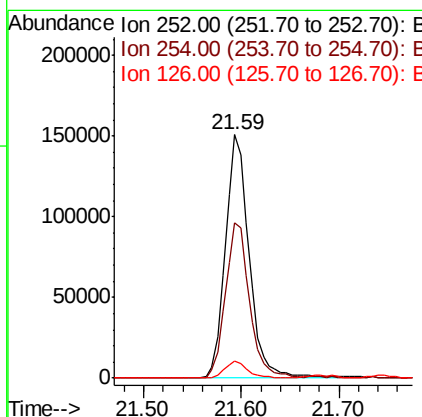
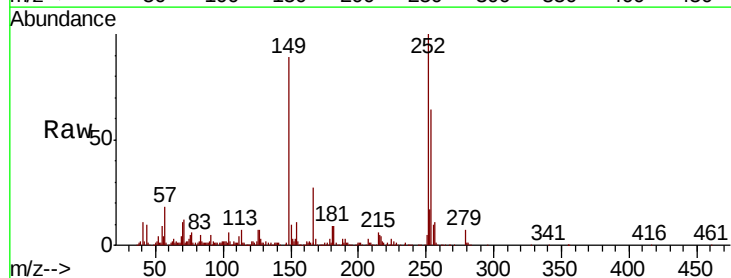
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

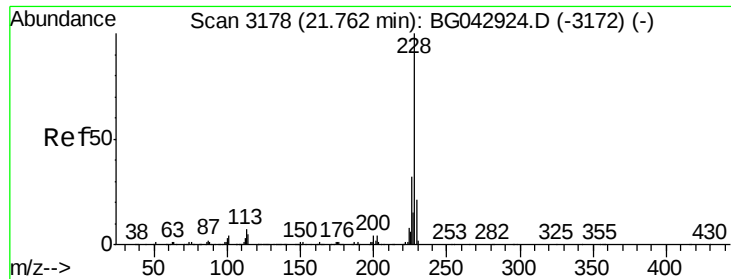
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	21.0	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.298 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	7.1	6.1	9.1





#83

Chrysene

Concen: 41.906 ng

RT: 21.75 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

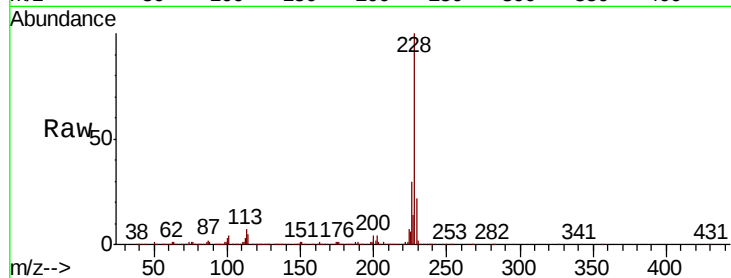
BNA_G

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:228 Resp: 844741

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.6	38.4
229	21.6	16.9	25.3

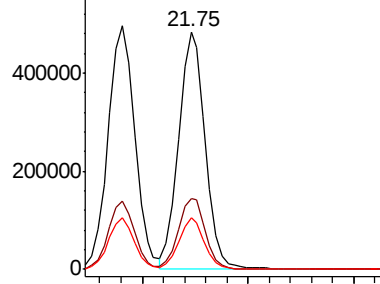


Abundance

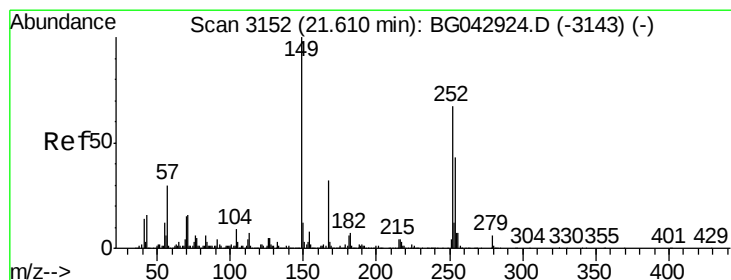
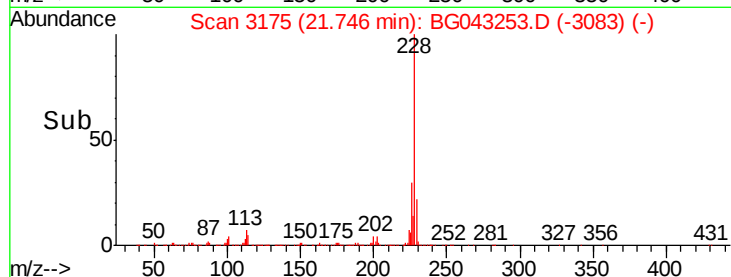
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.356 ng

RT: 21.58 min Scan# 3147

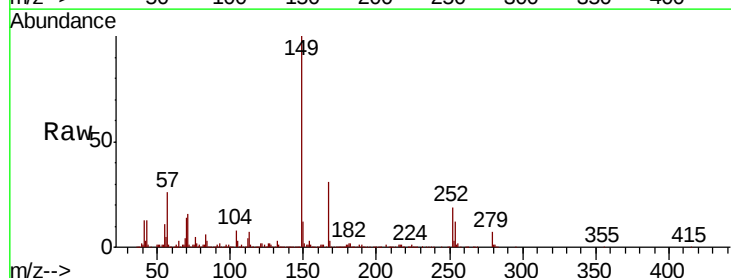
Delta R.T. 0.00 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Tgt Ion:149 Resp: 444455

Ion	Ratio	Lower	Upper
149	100		
167	31.0	25.4	38.2
279	6.8	5.1	7.7

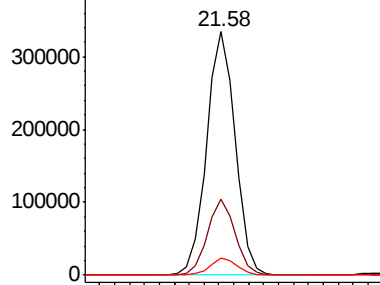


Abundance

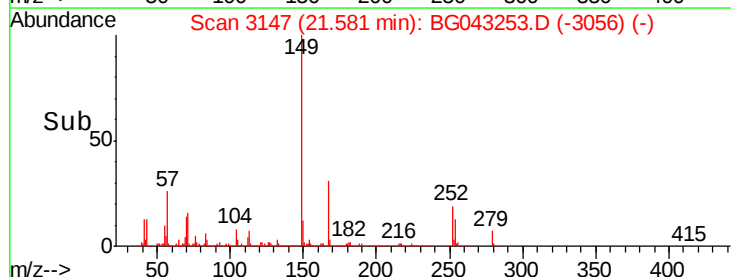
Ion 149.00 (148.70 to 149.70): E

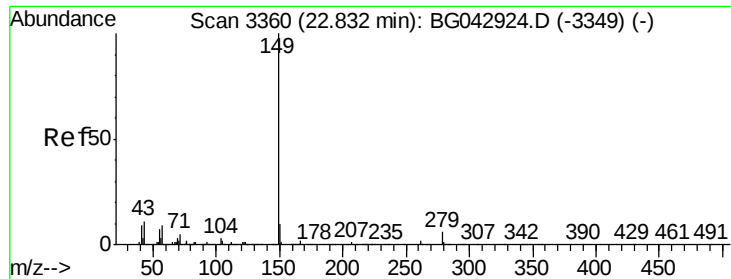
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 43.468 ng

RT: 22.80 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-1MSD

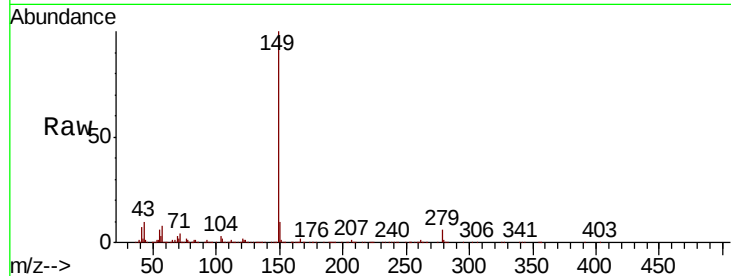
Tot Ion:149 Resp: 763901

Ion Ratio Lower Upper

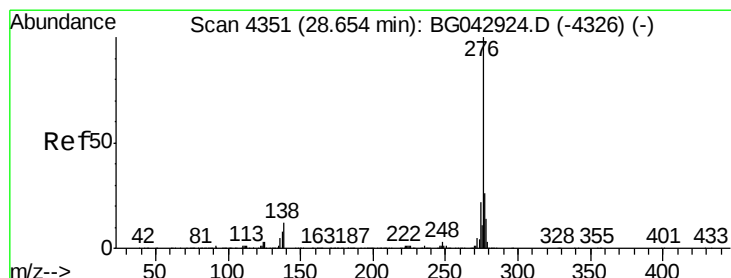
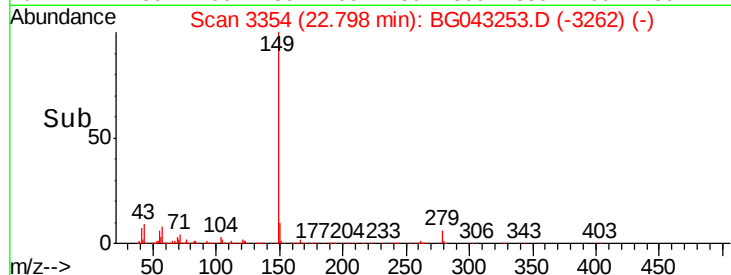
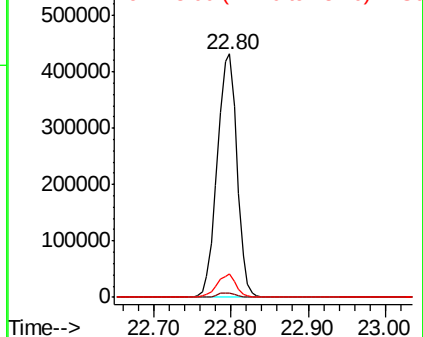
149 100

167 1.8 1.4 2.0

43 9.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.920 ng

RT: 28.61 min Scan# 4344

Delta R.T. 0.03 min

Lab File: BG043253.D

Acq: 16 Oct 2019 20:14

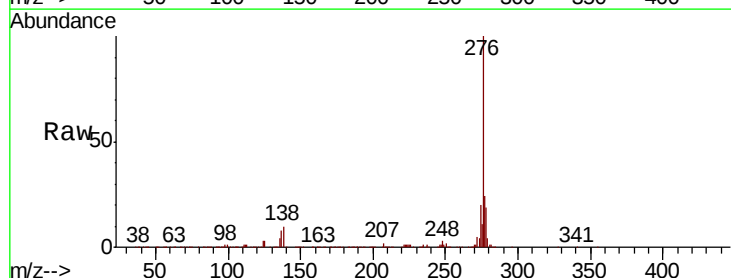
Tgt Ion:276 Resp: 1127257

Ion Ratio Lower Upper

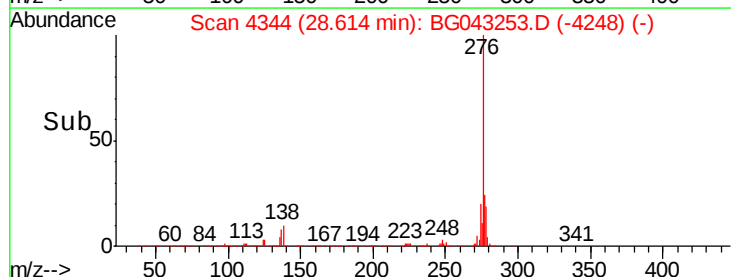
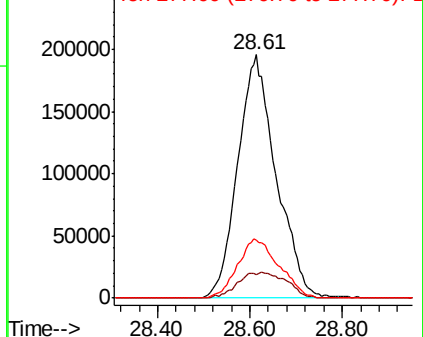
276 100

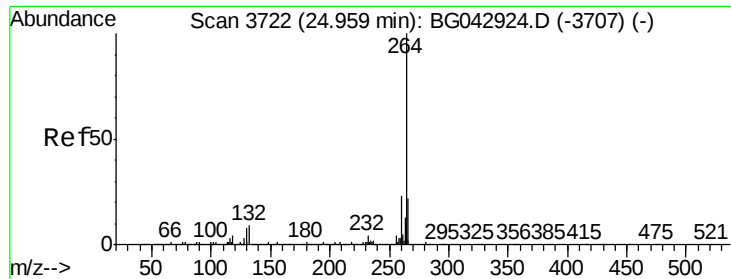
138 5.6 7.0 10.6#

277 26.2 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



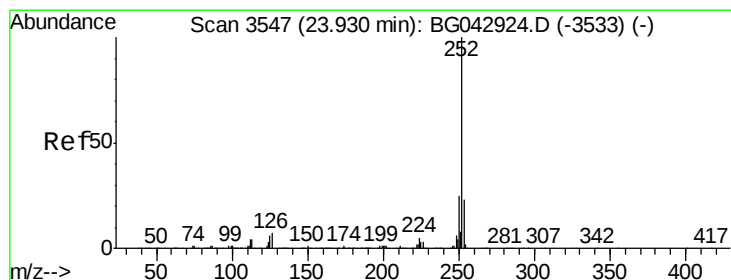
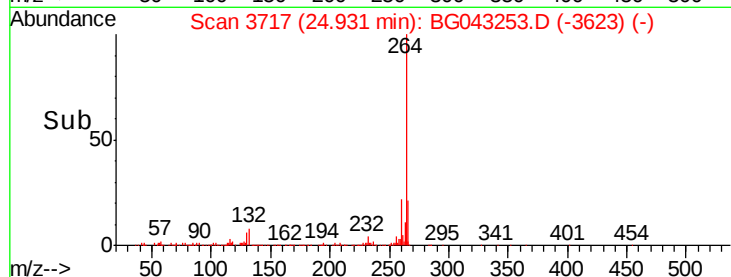
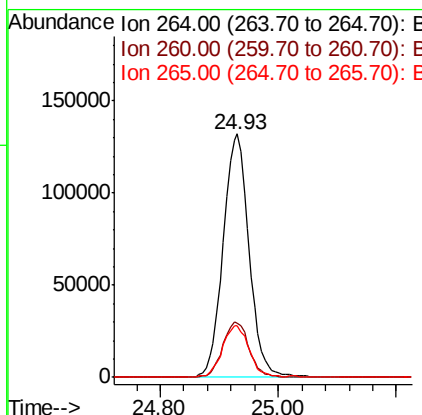
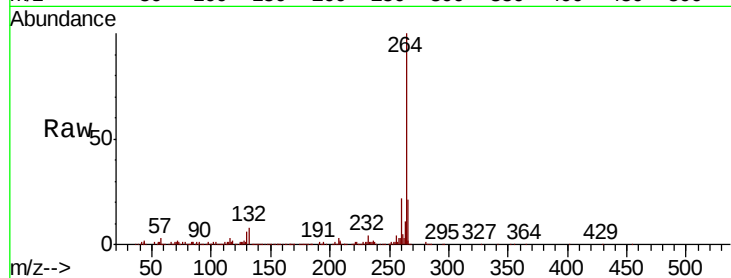


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:264 Resp: 403970

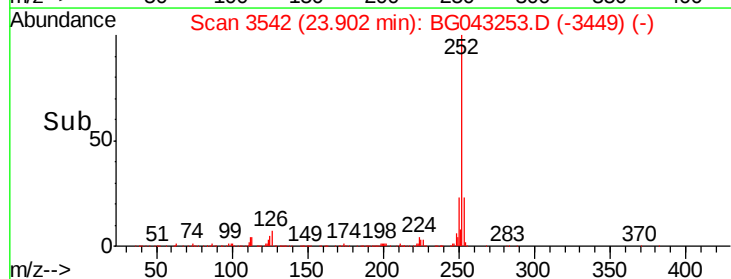
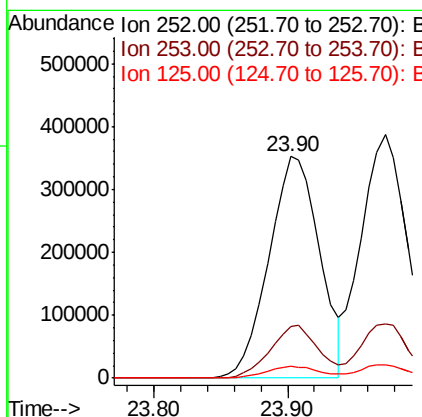
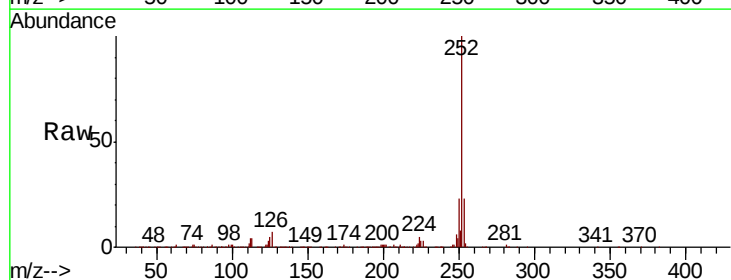
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.0	17.7	26.5

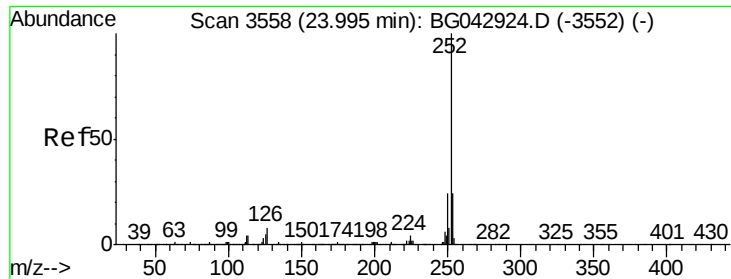


#88
Benzo(b)fluoranthene
Concen: 40.579 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:252 Resp: 927536

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	5.4	4.6	7.0

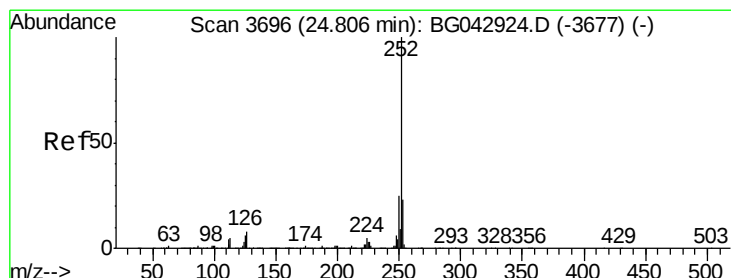
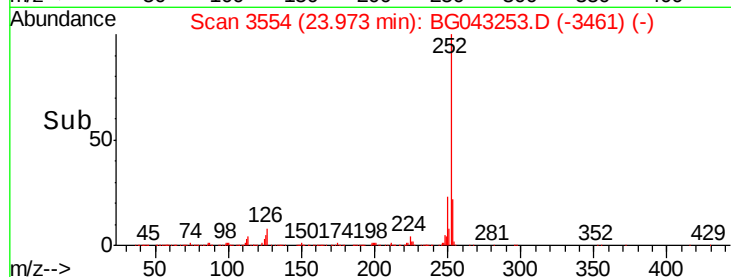
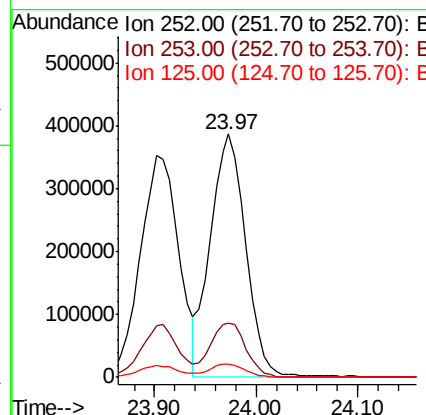
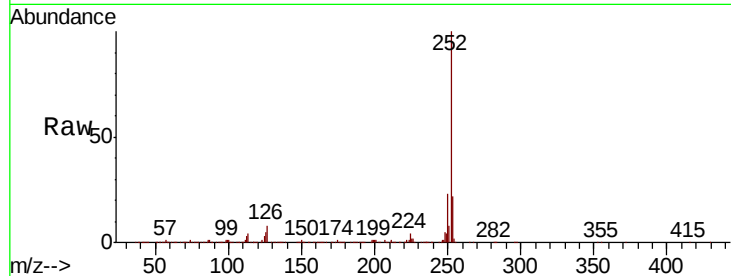




#89
Benzo(k)fluoranthene
Concen: 40.990 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

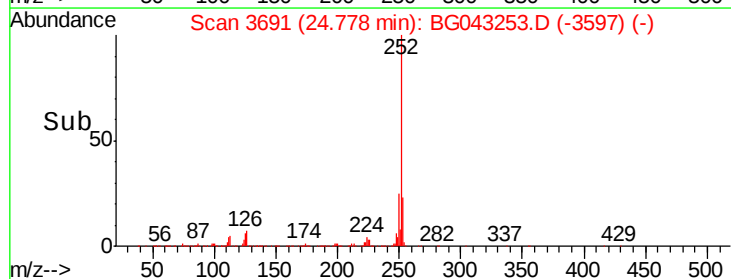
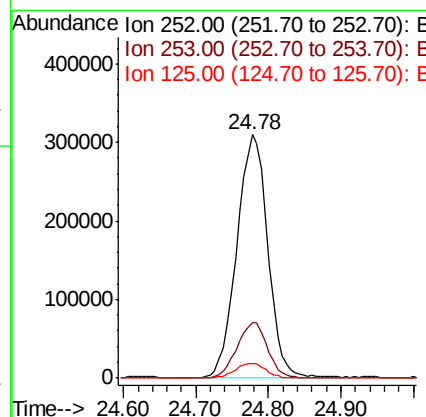
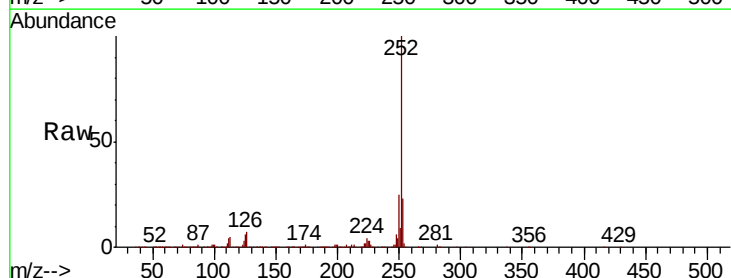
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

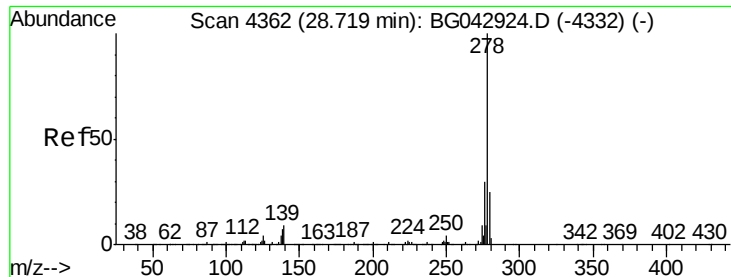
Tot Ion:252 Resp: 926898
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 5.4 4.5 6.7



#90
Benzo(a)pyrene
Concen: 42.565 ng
RT: 24.78 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:252 Resp: 917938
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 5.9 5.0 7.6

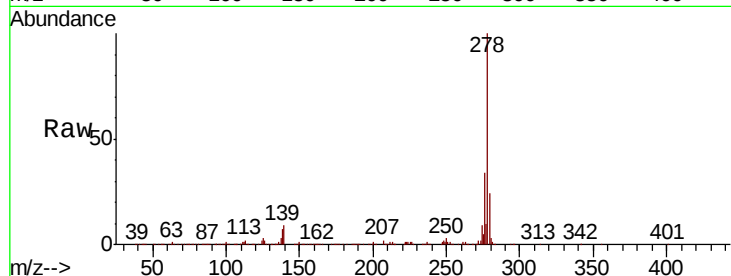




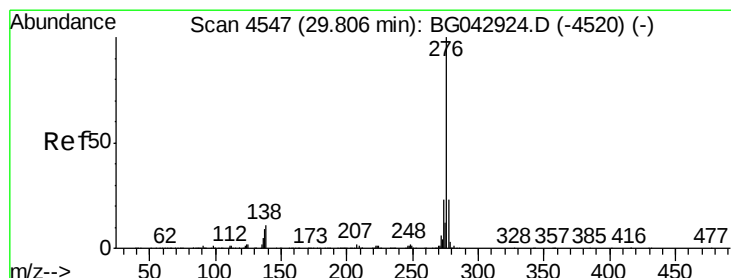
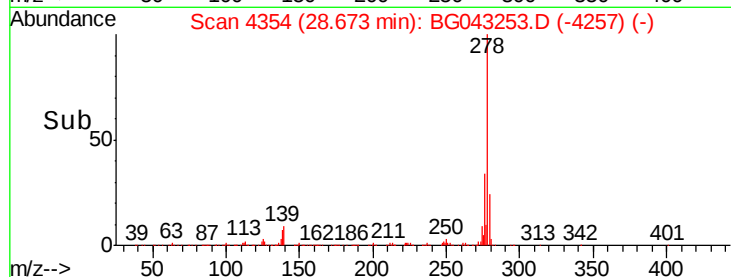
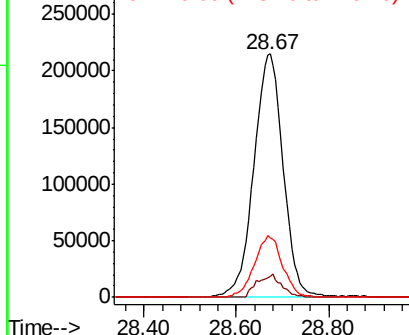
#91
Dibenzo(a,h)anthracene
Concen: 42.897 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.04 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:278 Resp: 948601
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 24.4 20.1 30.1

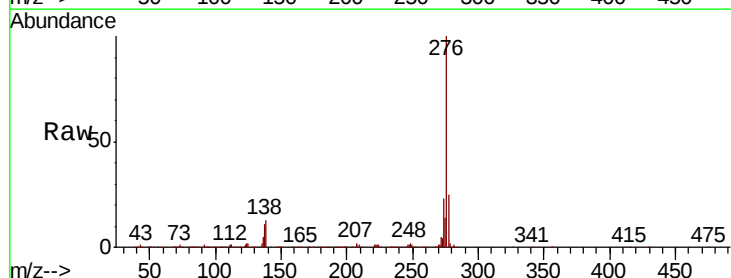


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.708 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.04 min
Lab File: BG043253.D
Acq: 16 Oct 2019 20:14

Tgt Ion:276 Resp: 936496
Ion Ratio Lower Upper
276 100
277 25.2 18.4 27.6
138 12.5 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

