

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
 Data File : BG041260.D
 Acq On : 14 Jun 2019 19:24
 Operator : HP/JU
 Sample : K3333-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Quant Time: Jun 15 03:33:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 15:26:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34726	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	146777	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	104921	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	251614	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	231831	20.00	ng	-0.01
87) Perylene-d12	25.06	264	173964	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	203410	107.93	ng	0.00
7) Phenol-d6	7.24	99	335572	116.48	ng	0.00
23) Nitrobenzene-d5	9.27	82	254418	75.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	129845	89.46	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	624157	78.74	ng	-0.01
79) Terphenyl-d14	20.07	244	1016695	85.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	117	0.149	ng	# 1
3) Pyridine	3.97	79	59	0.026	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	364	0.305	ng	# 1
6) Aniline	7.62	93	364	0.097	ng	# 1
8) 2-Chlorophenol	7.64	128	135	0.058	ng	# 1
9) Benzaldehyde	7.25	77	614	0.335	ng	# 1
10) Phenol	7.26	94	770	0.249	ng	# 1
11) bis(2-Chloroethyl)ether	7.62	93	364	0.161	ng	# 1
15) Benzyl Alcohol	8.41	79	4205	1.586	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.58	45	54	0.015	ng	# 69
19) n-Nitroso-di-n-propylamine	9.27	70	37344	16.935	ng	# 80
22) Acetophenone	8.94	105	112	0.028	ng	# 47
24) Nitrobenzene	9.31	77	67	0.020	ng	# 44
25) Isophorone	9.85	82	785	0.132	ng	# 67
29) 2,4-Dichlorophenol	10.33	162	71	0.025	ng	# 28
31) Naphthalene	10.97	128	56	0.007	ng	# 68
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	59	0.013	ng	# 25
46) 1,1'-Biphenyl	13.57	154	840	0.104	ng	# 81
48) 2-Nitroaniline	14.17	65	1160	0.474	ng	# 1
49) Acenaphthylene	14.54	152	55	0.005	ng	# 59
50) Dimethylphthalate	14.17	163	102752	11.619	ng	# 97
51) 2,6-Dinitrotoluene	14.16	165	895	0.472	ng	# 14
52) Acenaphthene	14.72	154	309	0.051	ng	# 5
56) 4-Nitrophenol	15.21	139	66	9.353	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	13701	5.205	ng	# 23
58) Fluorene	16.21	166	3594	0.450	ng	# 96
61) 4-Chlorophenyl-phenylether	15.65	204	67	0.013	ng	# 30
63) Azobenzene	16.02	77	71	0.009	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.21	198	496	9.144	ng	# 6
66) n-Nitrosodiphenylamine	16.21	169	4785	0.684	ng	# 48
67) 4-Bromophenyl-phenylether	16.21	248	9119	2.736	ng	# 1
71) Phenanthrene	17.51	178	550	0.041	ng	# 60
72) Anthracene	17.51	178	550	0.042	ng	# 59
74) Di-n-butylphthalate	18.40	149	476	0.034	ng	# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

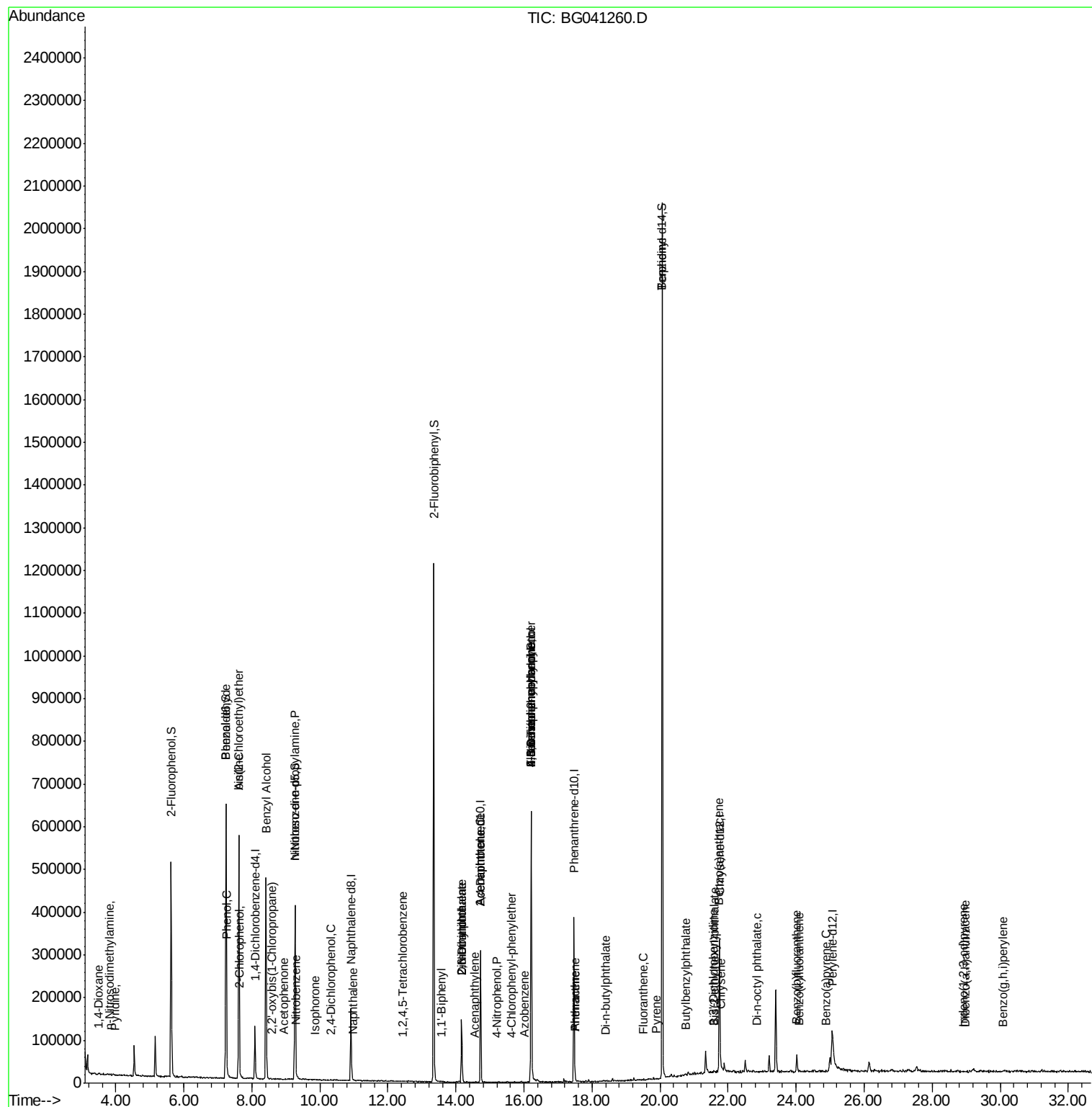
75) Fluoranthene	19.53	202	664	0.039	ng	64
77) Benzidine	20.07	184	17094	4.749	ng	# 93
78) Pyrene	19.88	202	692	0.043	ng	# 54
80) Butylbenzylphthalate	20.75	149	292	0.048	ng	# 80
81) Benzo(a)anthracene	21.73	228	729	0.048	ng	# 49
82) 3,3'-Dichlorobenzidine	21.57	252	58	0.012	ng	# 24
83) Chrysene	21.78	228	100	0.007	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.59	149	1596	0.188	ng	# 50
85) Di-n-octyl phthalate	22.83	149	632	0.045	ng	# 6
86) Indeno(1,2,3-cd)pyrene	28.91	276	54	0.006	ng	# 56
88) Benzo(b)fluoranthene	23.99	252	102	0.010	ng	# 22
89) Benzo(k)fluoranthene	24.08	252	270	0.021	ng	# 60
90) Benzo(a)pyrene	24.90	252	54	0.005	ng	# 1
91) Dibenzo(a,h)anthracene	28.98	278	67	0.011	ng	# 58
92) Benzo(g,h,i)perylene	30.07	276	64	0.013	ng	# 57

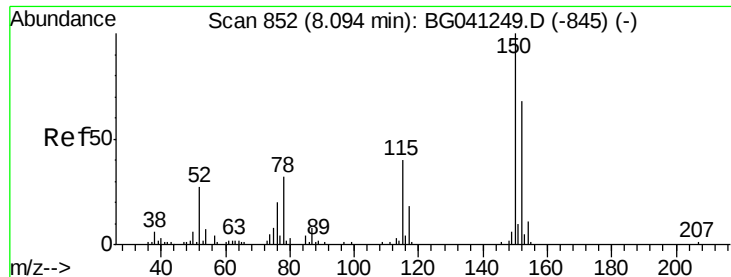
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

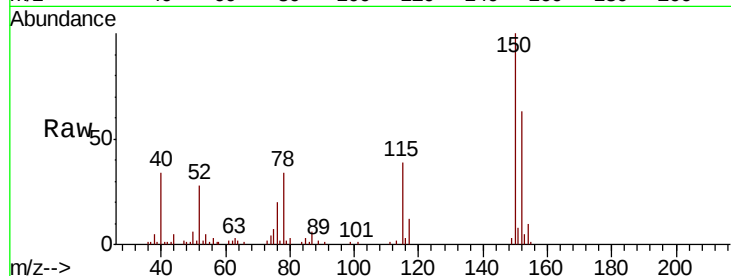
Tgt Ion:152 Resp: 34726

Ion Ratio Lower Upper

152 100

150 158.1 120.6 180.8

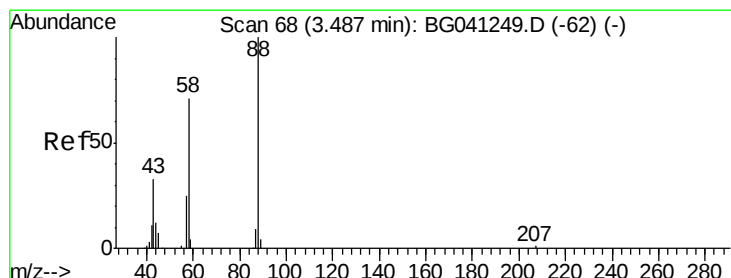
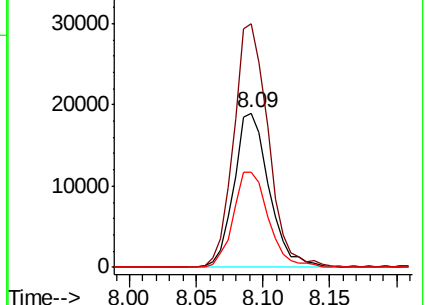
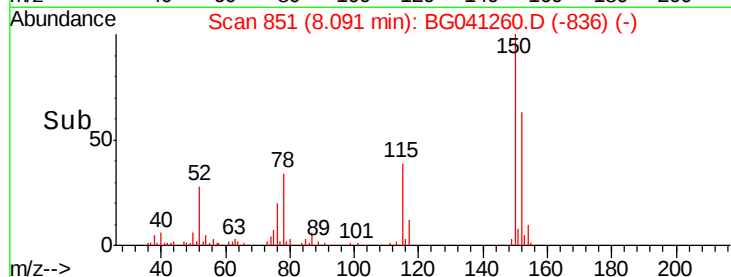
115 61.9 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.149 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

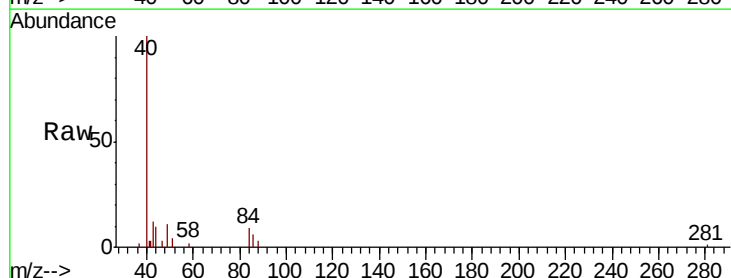
Tgt Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

58 267.5 59.0 88.6#

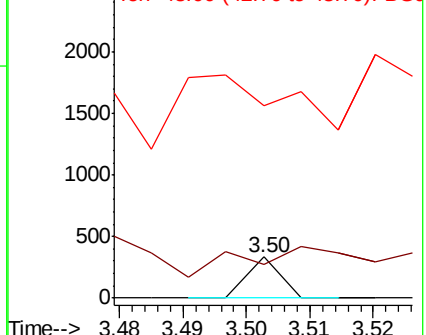
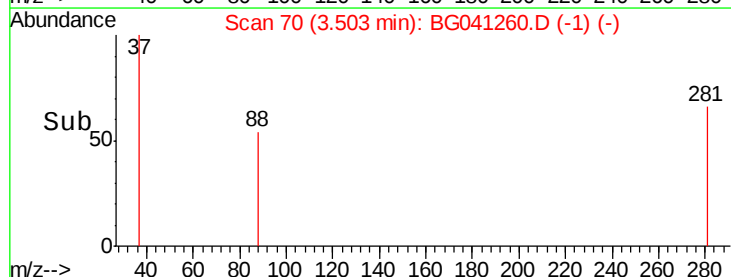
43 645.3 27.2 40.8#

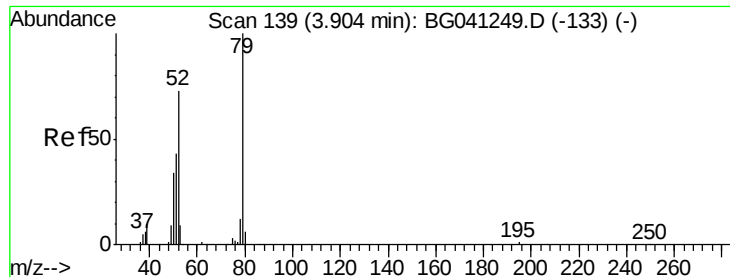


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.026 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.06 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

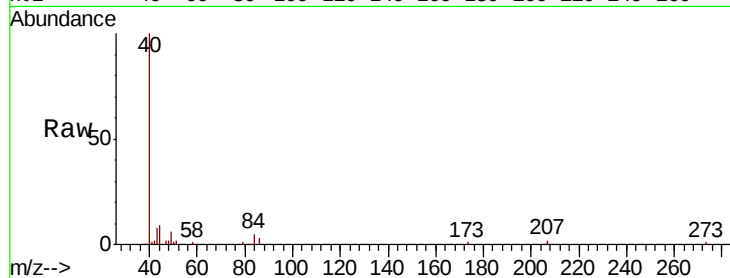
Tgt Ion: 79 Resp: 59

Ion Ratio Lower Upper

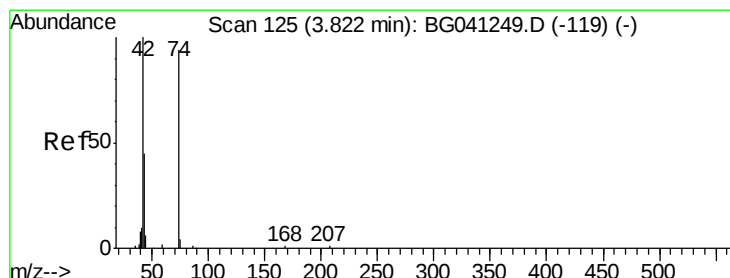
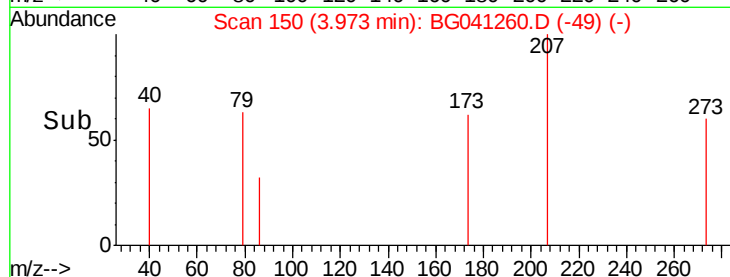
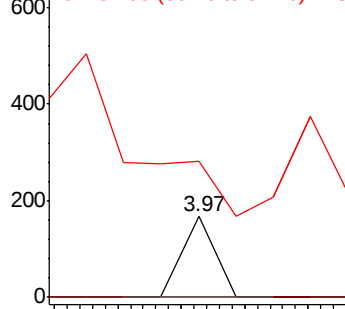
79 100

52 0.0 64.8 97.2#

51 168.9 35.3 52.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.305 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

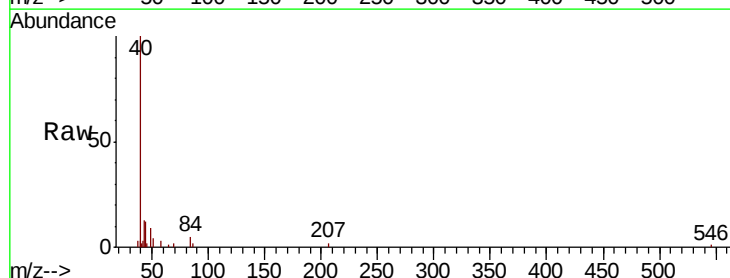
Tgt Ion: 42 Resp: 364

Ion Ratio Lower Upper

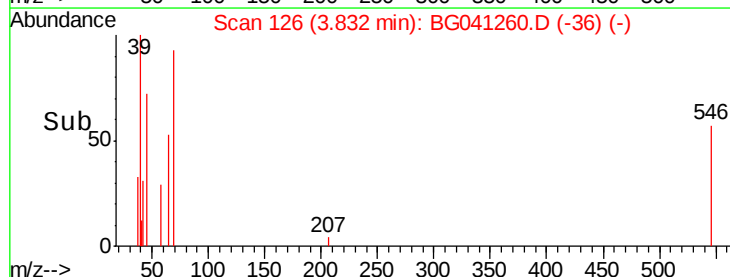
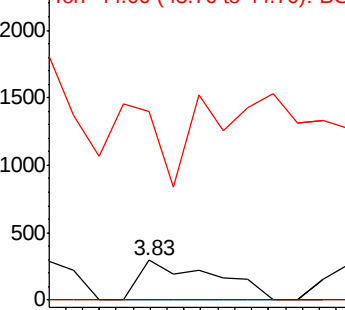
42 100

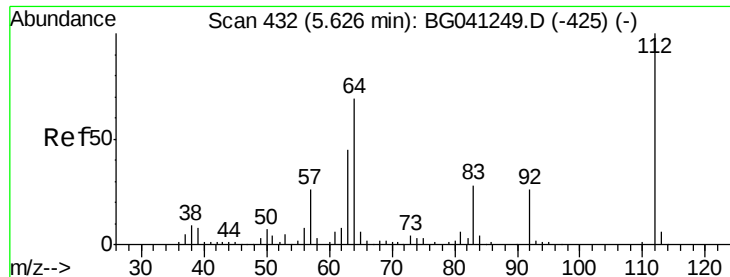
74 0.0 91.8 137.6#

44 473.6 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 107.933 ng

RT: 5.63 min Scan# 432

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

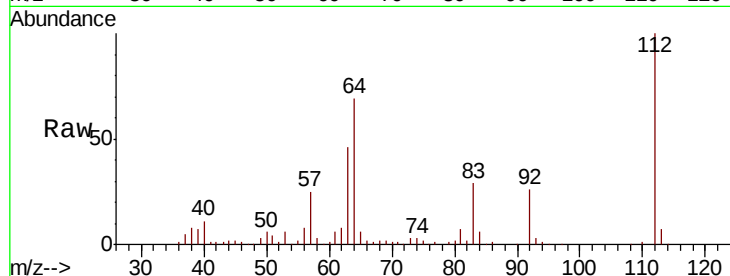
Tgt Ion: 112 Resp: 203410

Ion Ratio Lower Upper

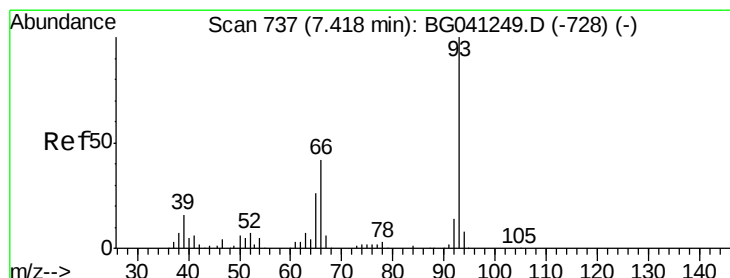
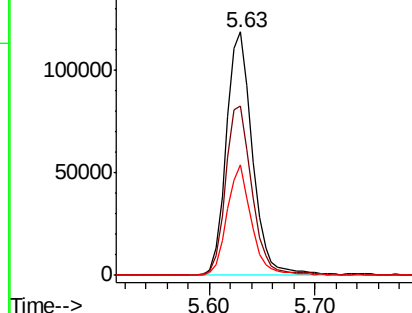
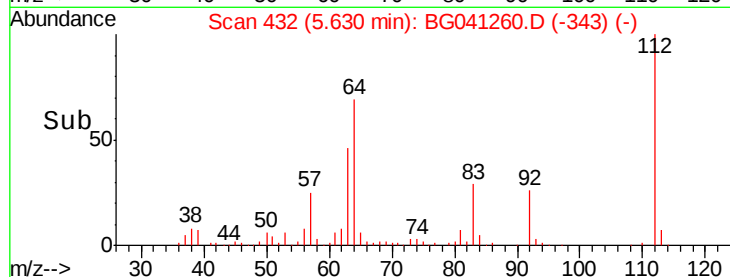
112 100

64 69.5 56.2 84.2

63 45.5 32.8 49.2



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: 0.097 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.19 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

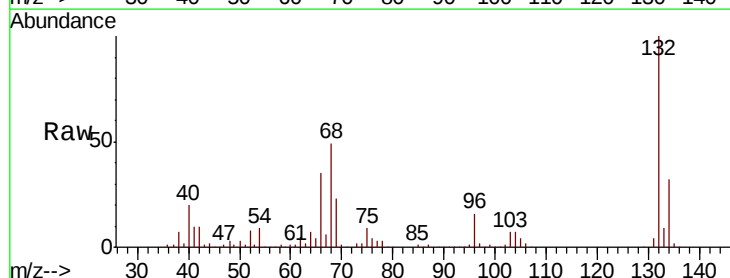
Tgt Ion: 93 Resp: 364

Ion Ratio Lower Upper

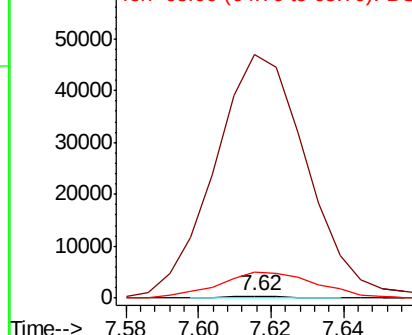
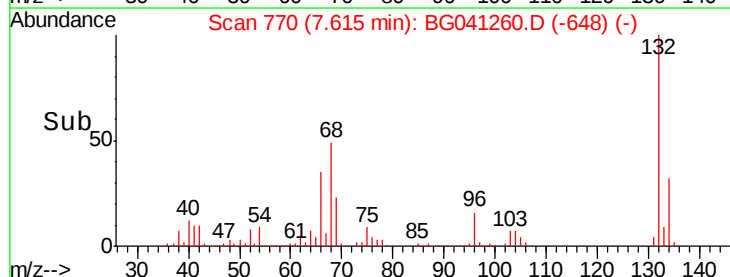
93 100

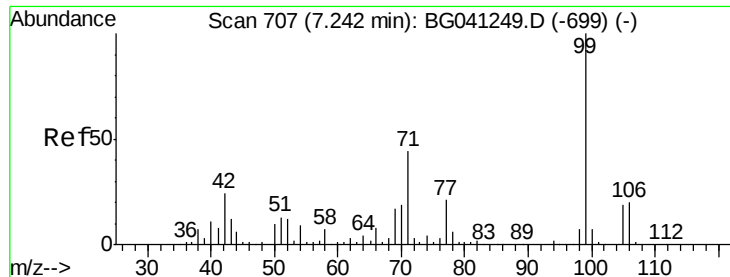
66 13969.0 33.8 50.8#

65 1474.4 18.3 27.5#



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: 116.475 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG041260.D

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CONCRETE-1

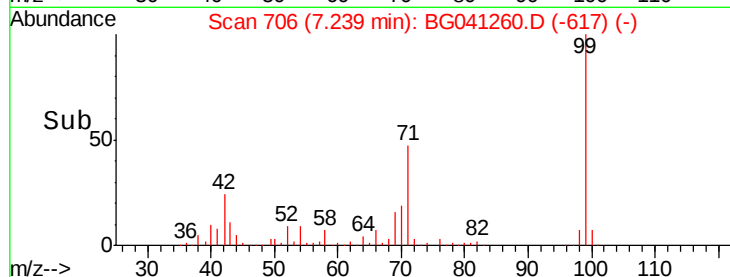
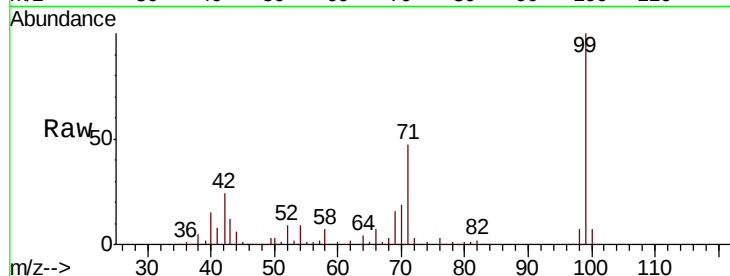
Tgt Ion: 99 Resp: 335572

Ion Ratio Lower Upper

99 100

42 24.3 17.9 26.9

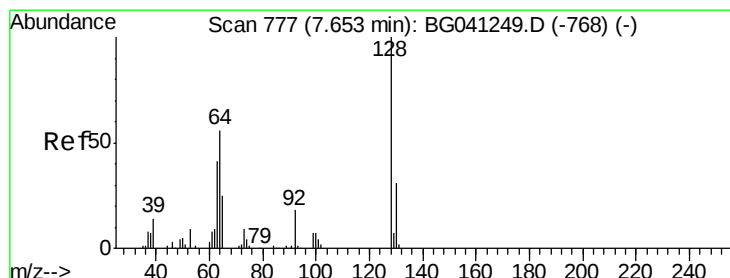
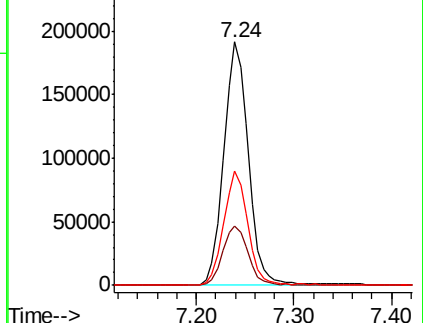
71 47.2 35.4 53.0



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: 0.058 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

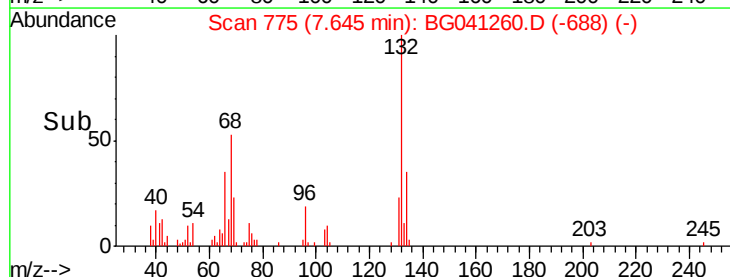
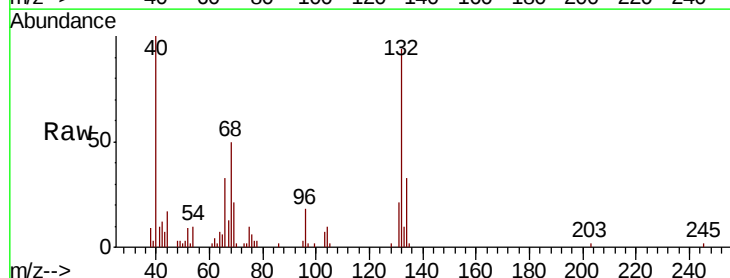
Tgt Ion: 128 Resp: 135

Ion Ratio Lower Upper

128 100

130 0.0 16.6 56.6#

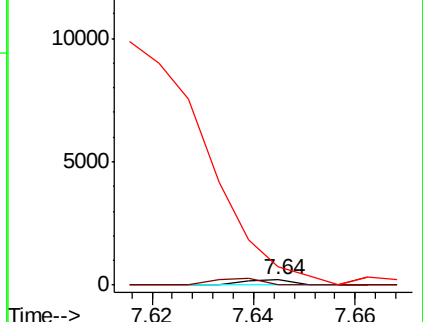
64 351.2 37.8 77.8#

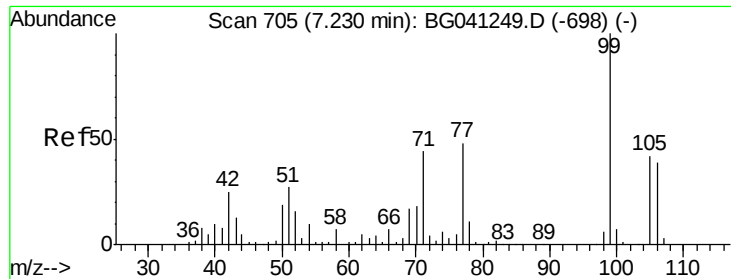


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.335 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.00 min

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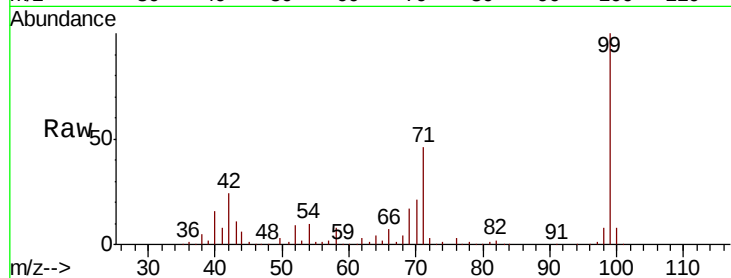
Tgt Ion: 77 Resp: 614

Ion Ratio Lower Upper

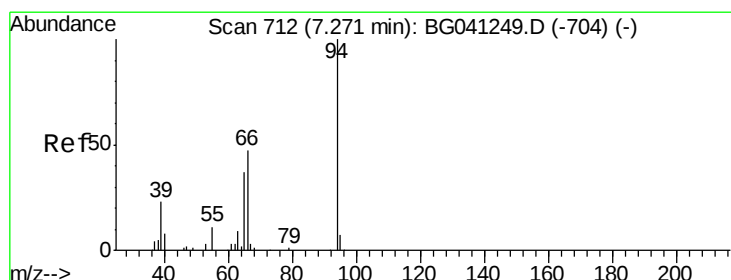
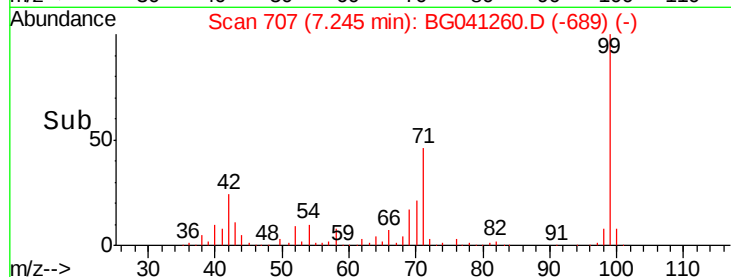
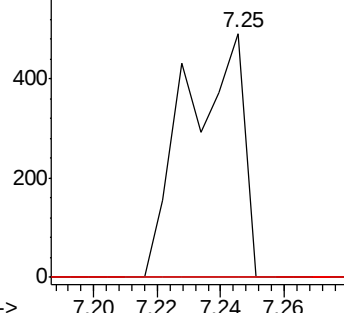
77 100

105 0.0 78.9 118.9#

106 0.0 76.7 116.7#



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



#10

Phenol

Concen: 0.249 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

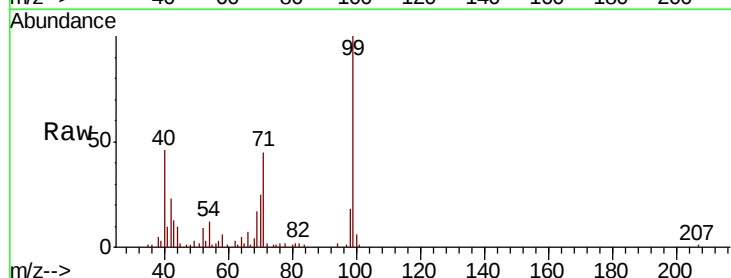
Tgt Ion: 94 Resp: 770

Ion Ratio Lower Upper

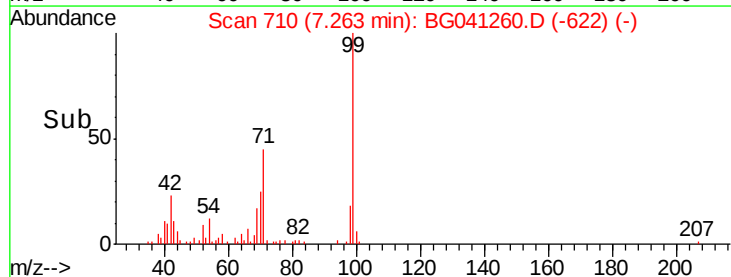
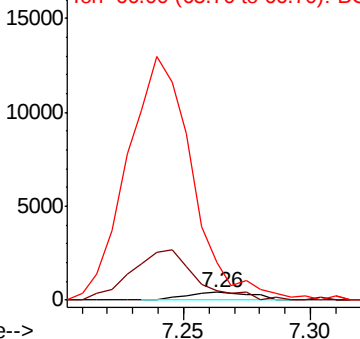
94 100

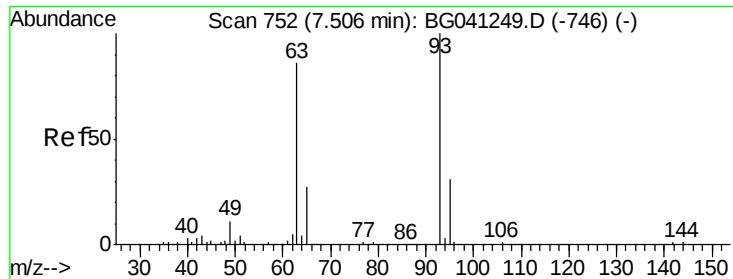
65 117.7 17.0 57.0#

66 475.3 32.4 72.4#



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

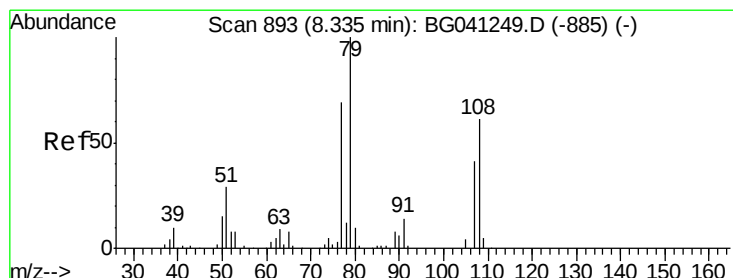
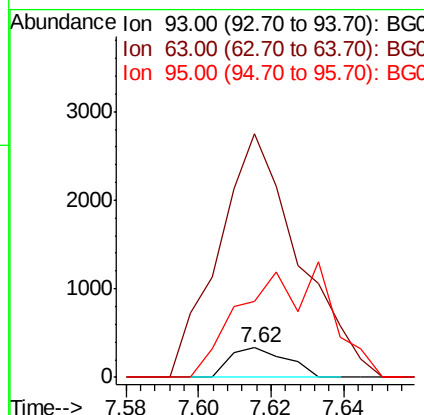
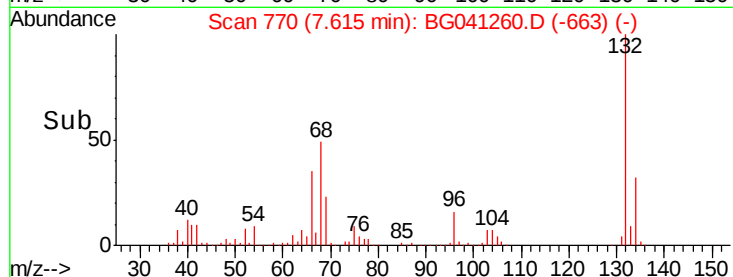
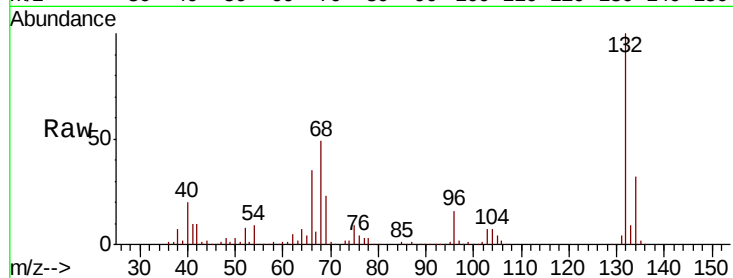




#11
bis(2-Chloroethyl)ether
Concen: 0.161 ng
RT: 7.62 min Scan# 770
Delta R.T. 0.10 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

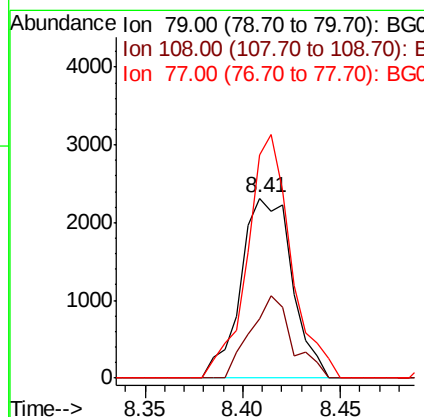
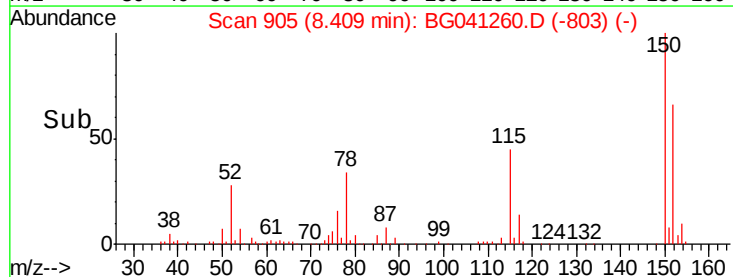
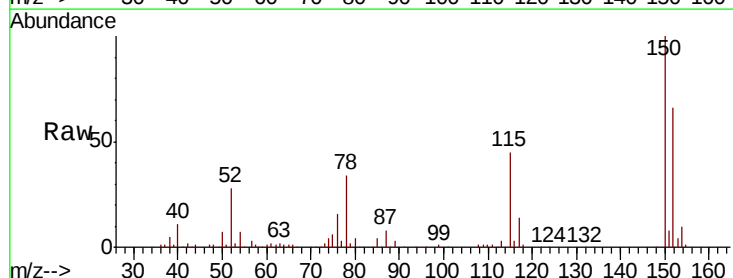
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

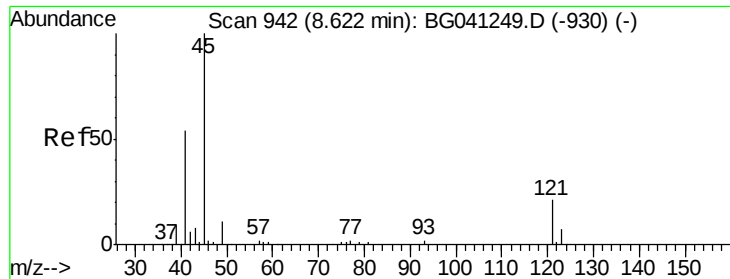
Tgt Ion: 93 Resp: 364
Ion Ratio Lower Upper
93 100
63 818.2 64.5 104.5#
95 257.4 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.586 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.07 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion: 79 Resp: 4205
Ion Ratio Lower Upper
79 100
108 33.1 48.3 72.5#
77 123.7 52.3 78.5#

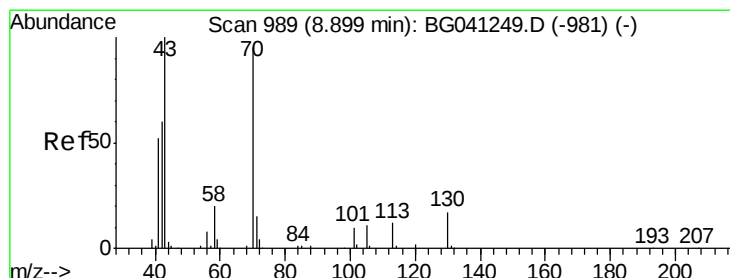
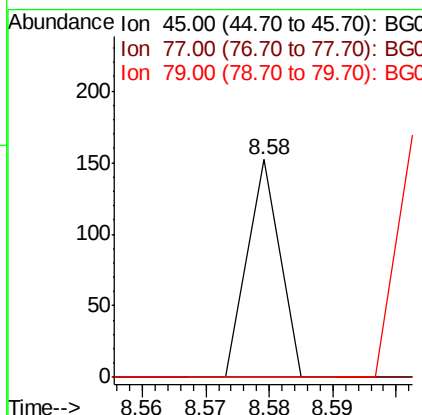
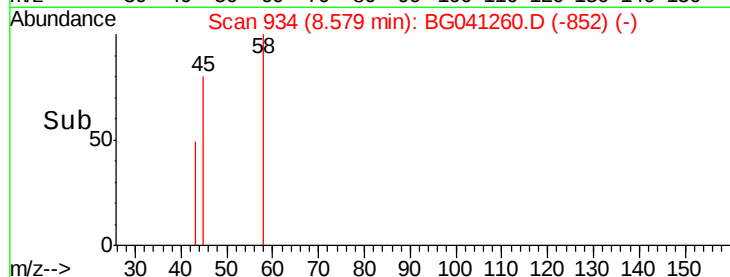
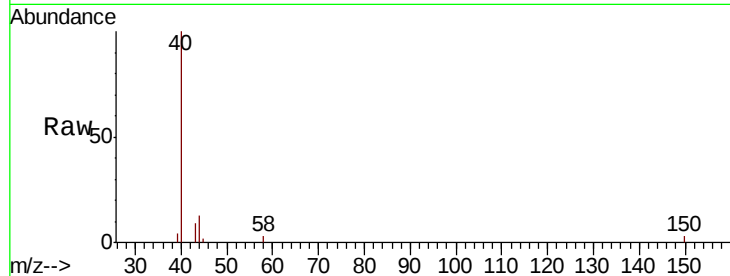




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.015 ng
 RT: 8.58 min Scan# 934
 Delta R.T. -0.05 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

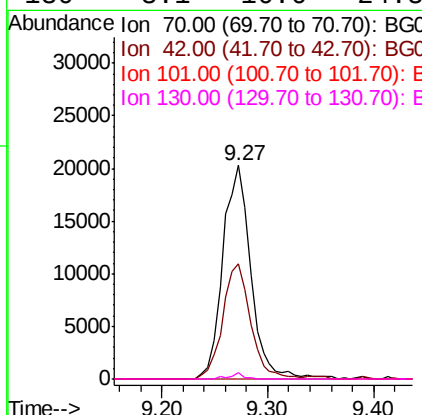
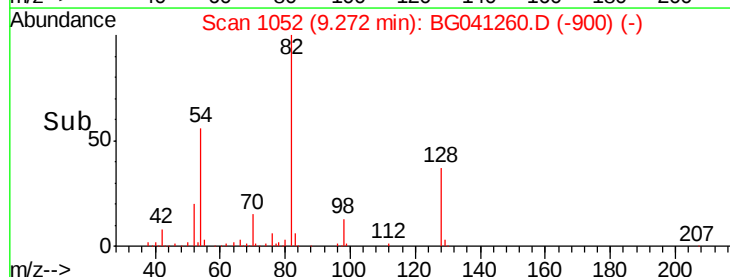
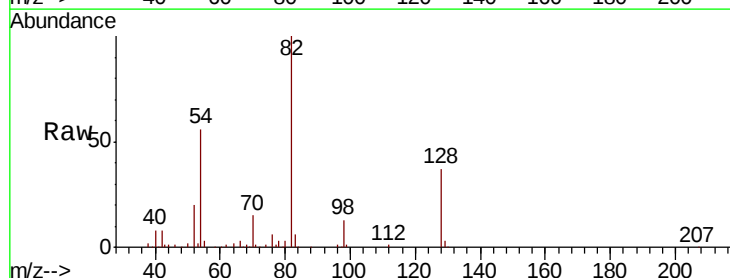
Instrument :
 BNA_G
 ClientSampled :
 CONCRETE-1

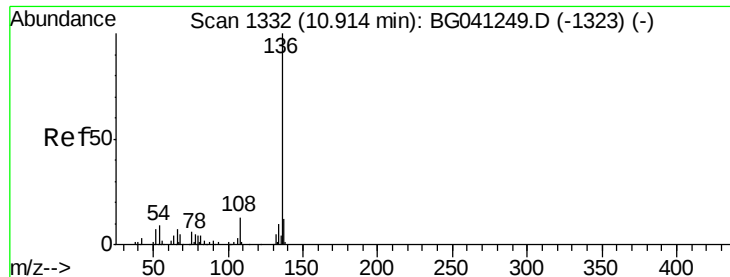
Tgt Ion: 45 Resp: 54
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 33.7
 79 0.0 0.0 30.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.935 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.36 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion: 70 Resp: 37344
 Ion Ratio Lower Upper
 70 100
 42 53.8 51.5 77.3
 101 0.0 8.1 12.1#
 130 3.1 16.6 24.8#

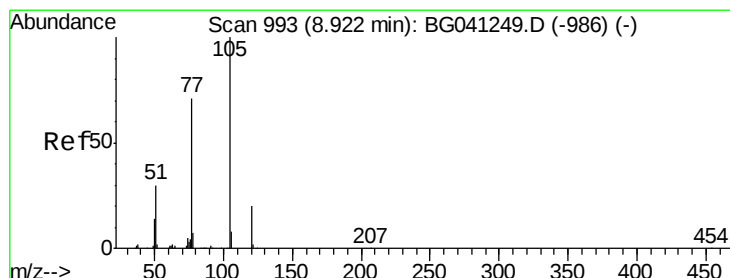
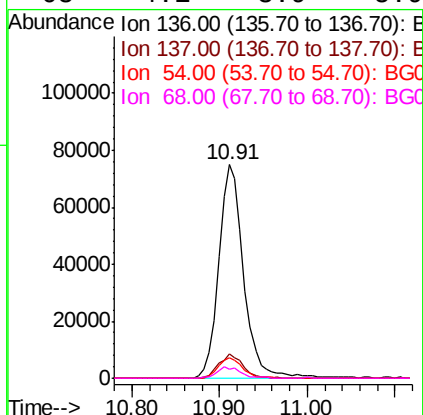
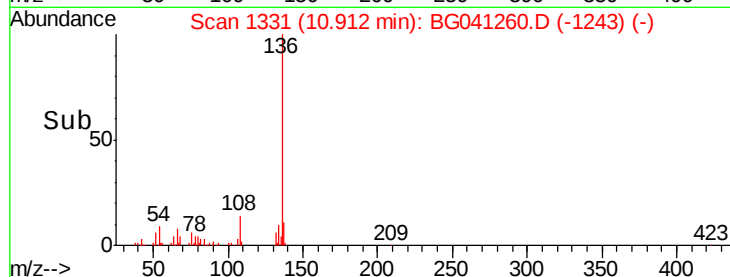
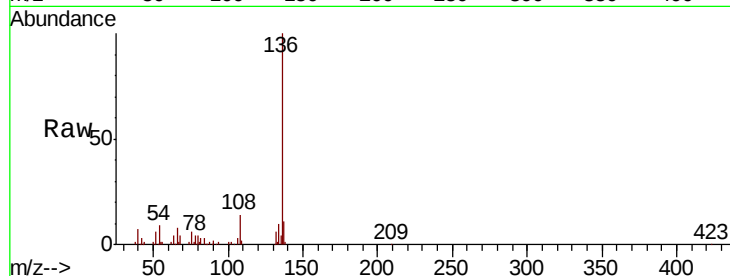




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

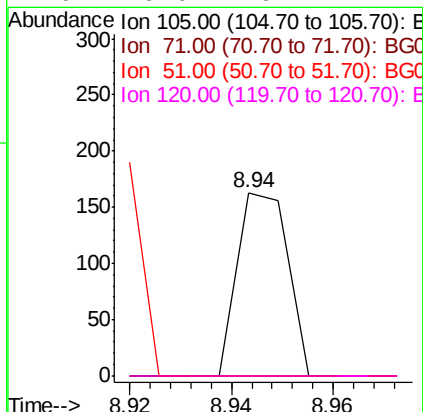
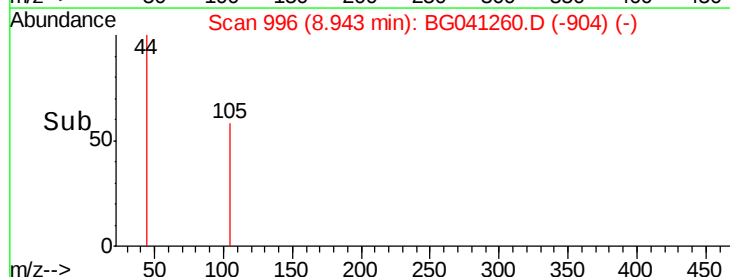
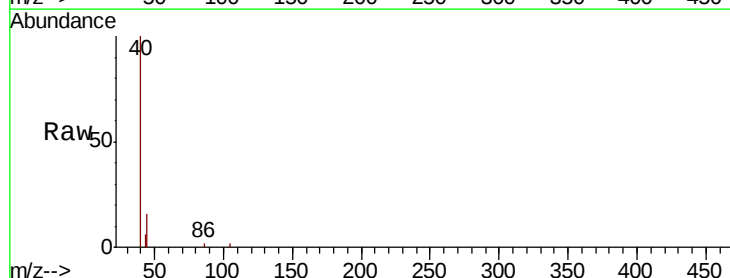
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

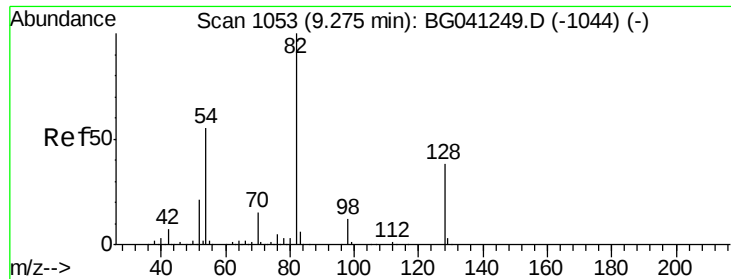
Tgt Ion:	136	Resp:	146777
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	9.3	7.6	11.4
68	4.1	3.9	5.9



#22
Acetophenone
Concen: 0.028 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:	105	Resp:	112
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	0.0	27.0	40.6#
120	0.0	16.2	24.4#

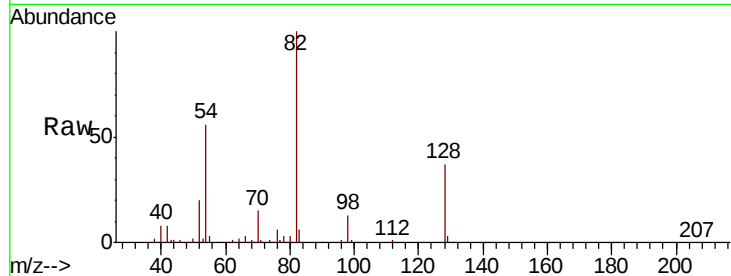




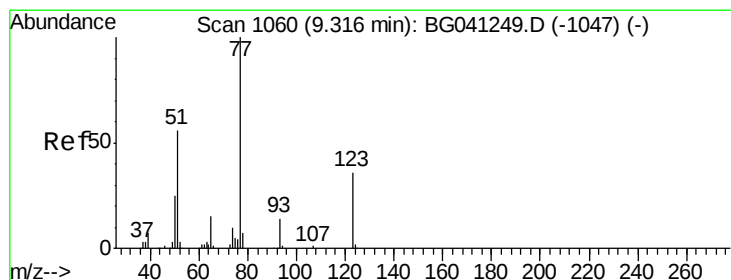
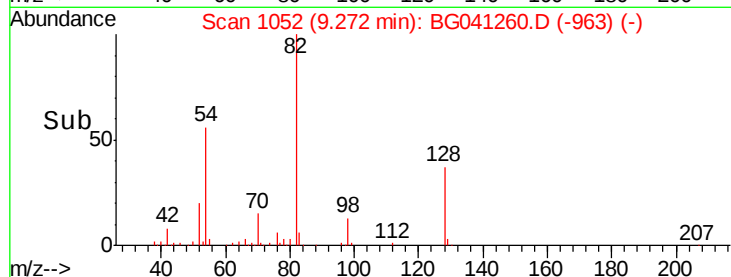
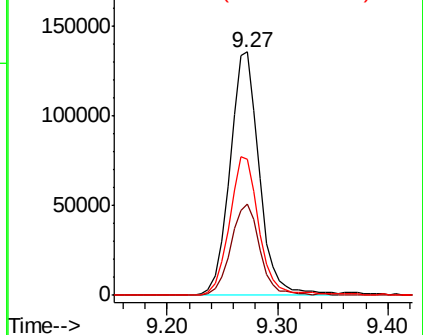
#23
 Nitrobenzene-d5
 Concen: 75.227 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	55.8	44.6	66.8

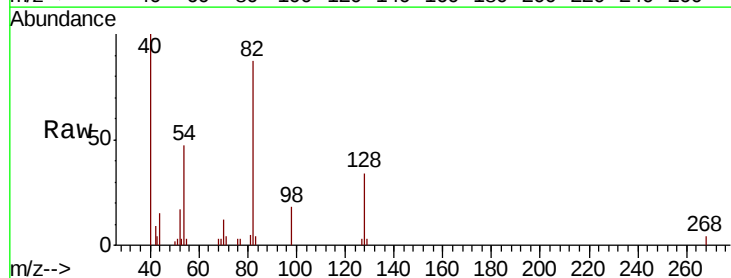


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

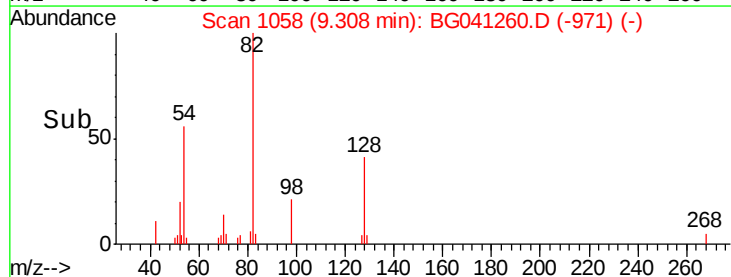
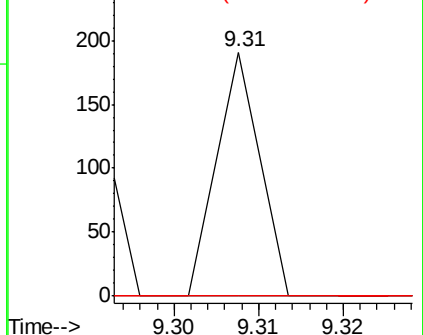


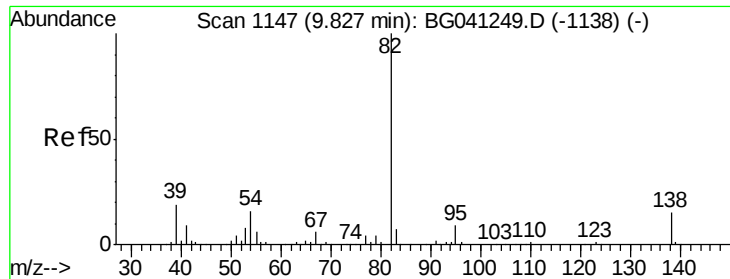
#24
 Nitrobenzene
 Concen: 0.020 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.6	46.0#
65	0.0	12.3	18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.132 ng

RT: 9.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

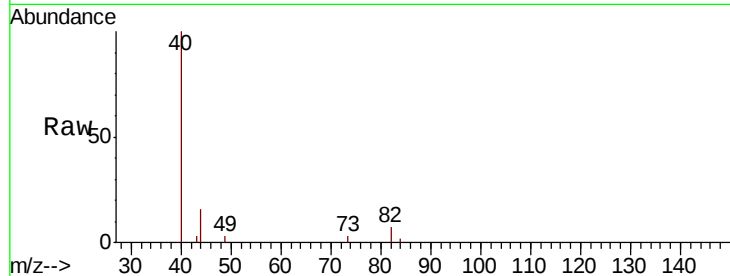
Tgt Ion: 82 Resp: 785

Ion Ratio Lower Upper

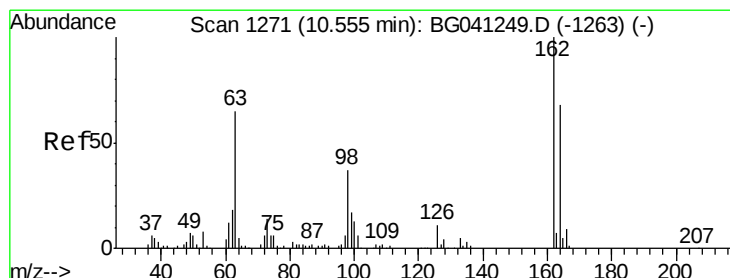
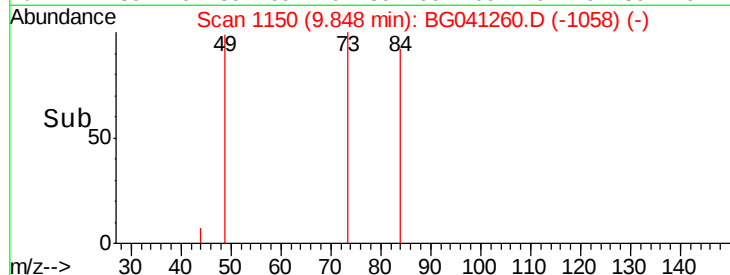
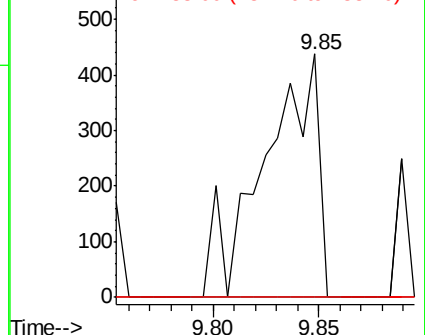
82 100

95 0.0 7.0 10.4#

138 0.0 12.6 19.0#



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



#29

2,4-Dichlorophenol

Concen: 0.025 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.24 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

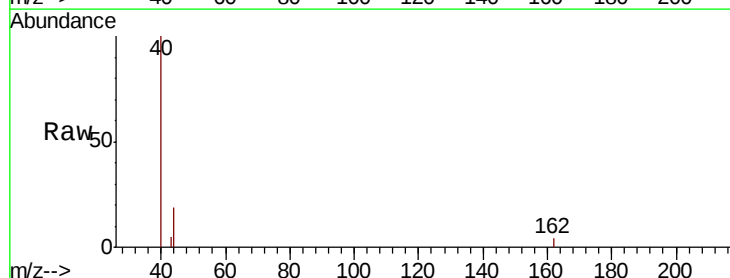
Tgt Ion: 162 Resp: 71

Ion Ratio Lower Upper

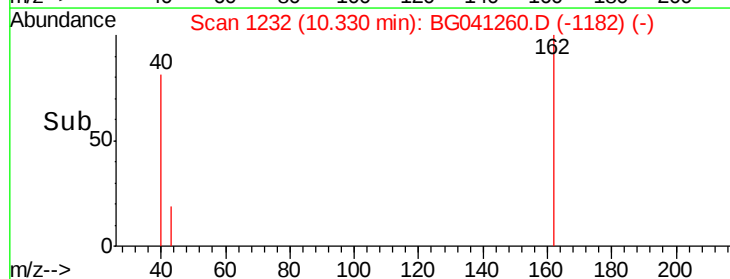
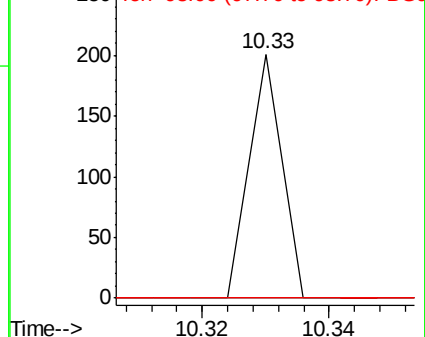
162 100

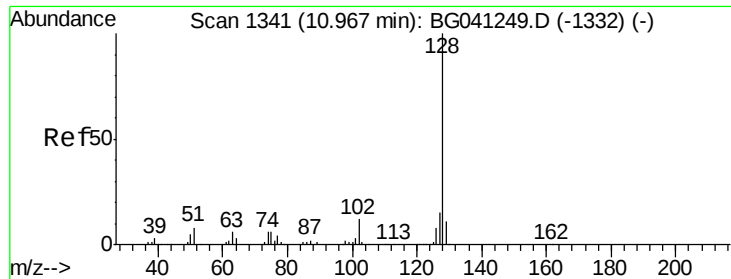
164 0.0 39.4 79.4#

98 0.0 15.3 55.3#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

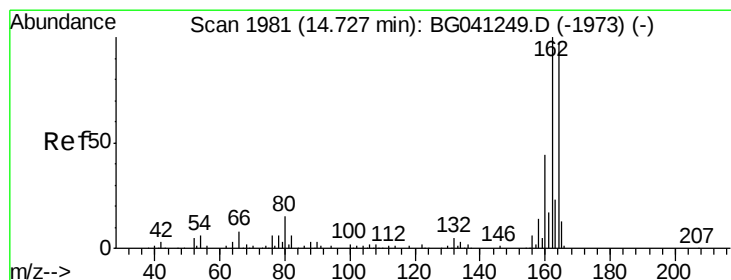
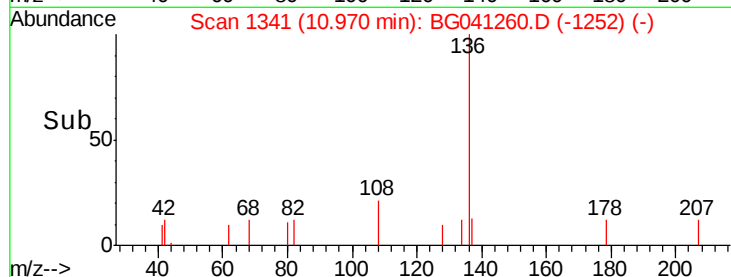
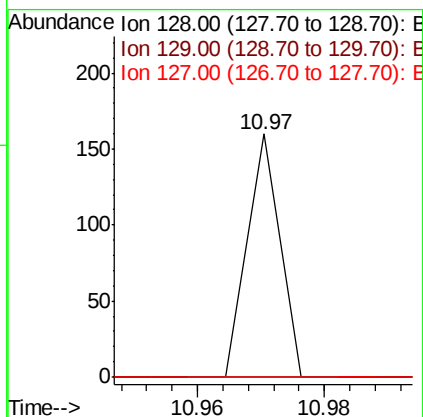
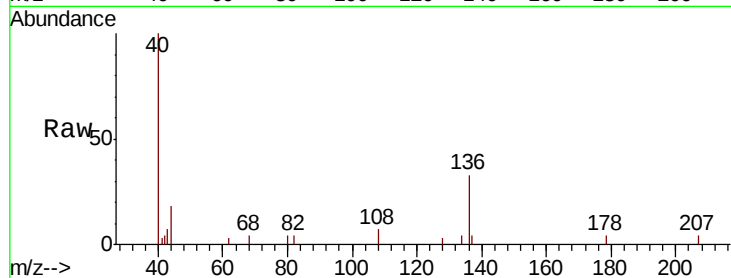




#31
Naphthalene
Concen: 0.007 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

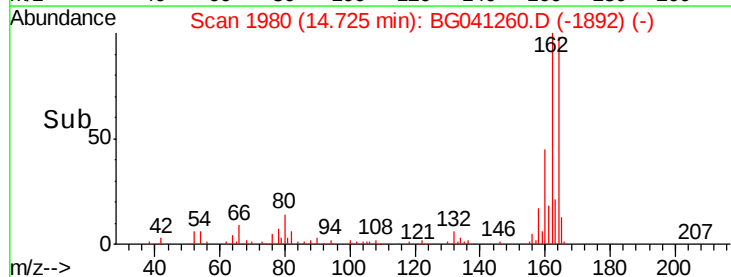
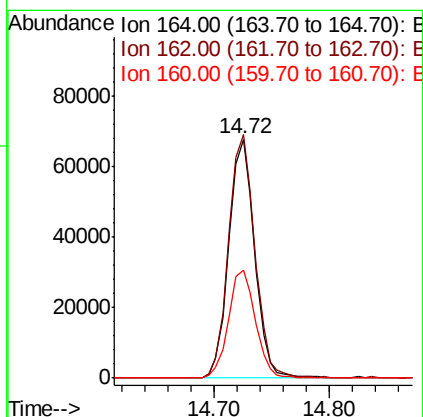
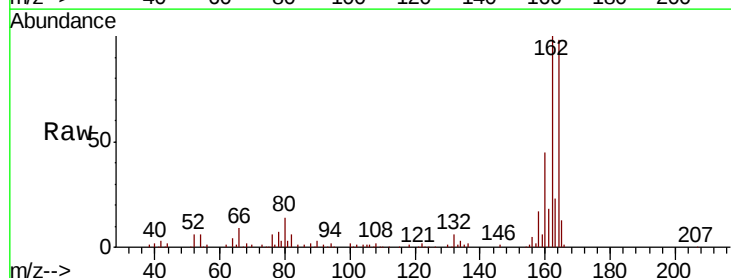
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

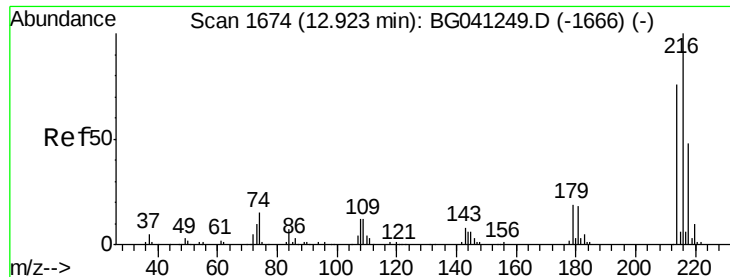
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	11.4	17.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.4
160	45.4	35.6	53.4

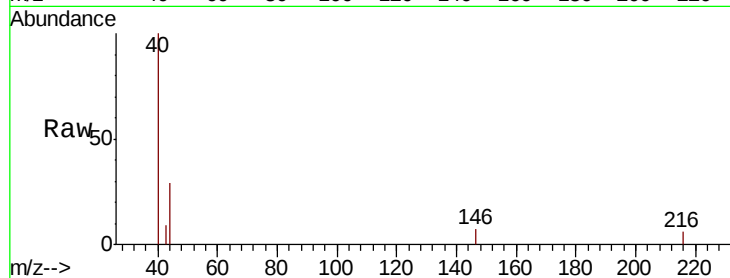




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.013 ng
 RT: 12.45 min Scan# 1592
 Delta R.T. -0.49 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Tgt Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.4	95.2#
179	0.0	15.2	22.8#
108	0.0	11.4	17.2#



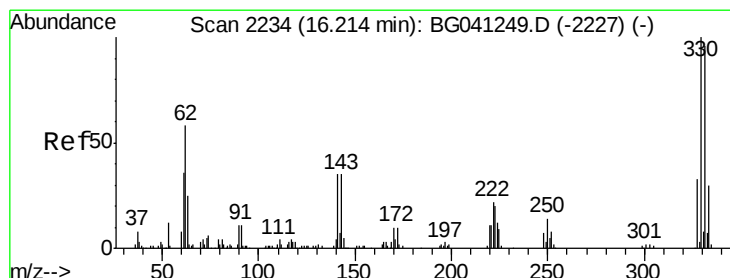
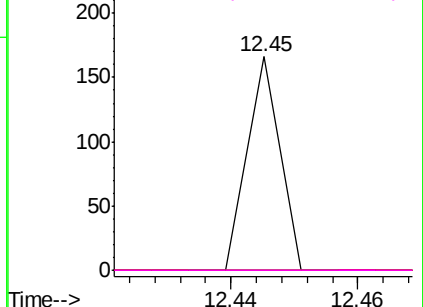
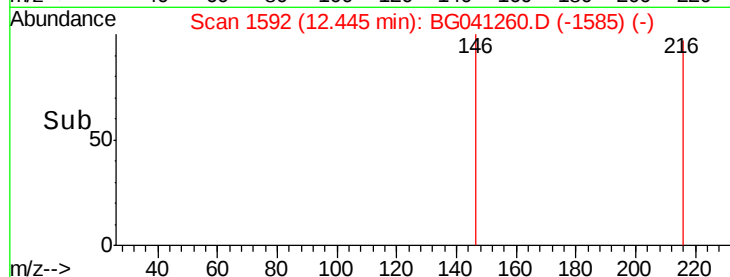
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

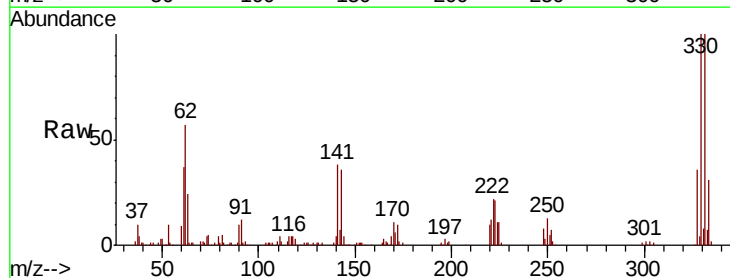
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#42
 2,4,6-Tribromophenol
 Concen: 89.461 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.5	117.7
141	35.9	28.7	43.1

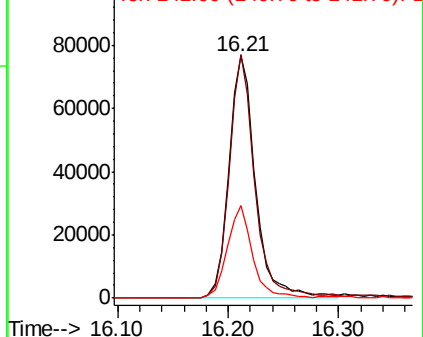
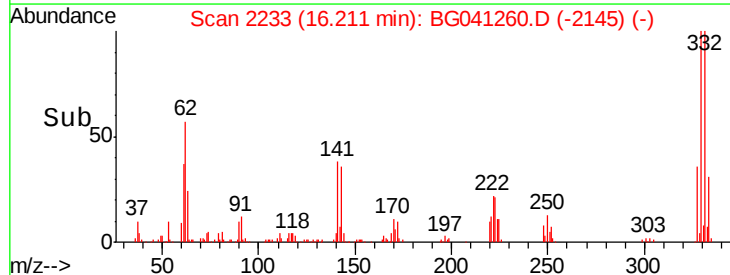


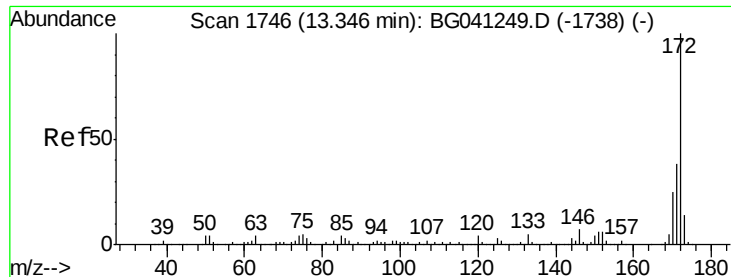
Abundance

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

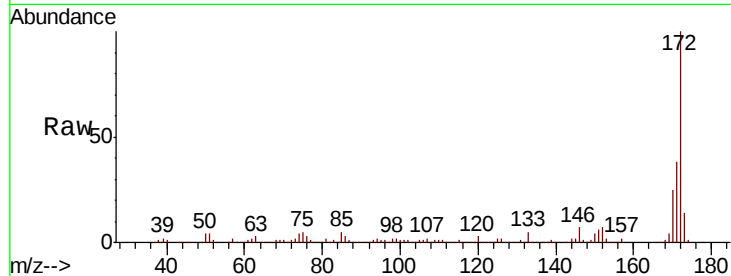




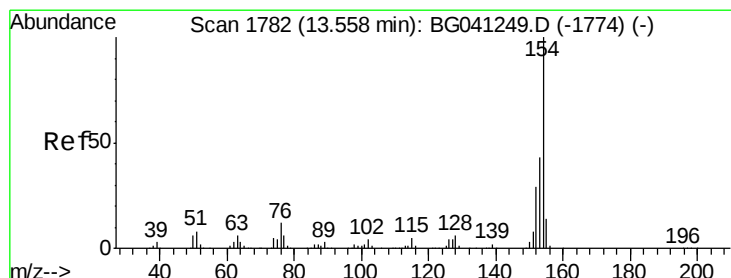
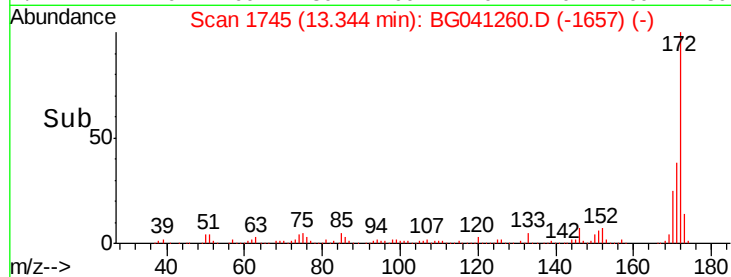
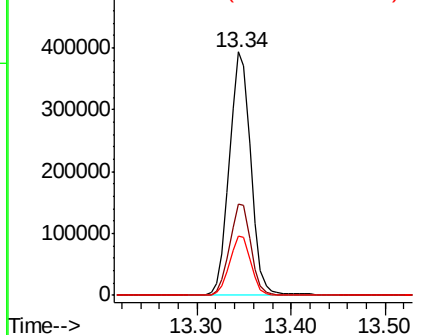
#45
 2-Fluorobiphenyl
 Concen: 78.741 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Tgt Ion:172 Resp: 624157
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.1 46.7
 170 24.5 20.5 30.7

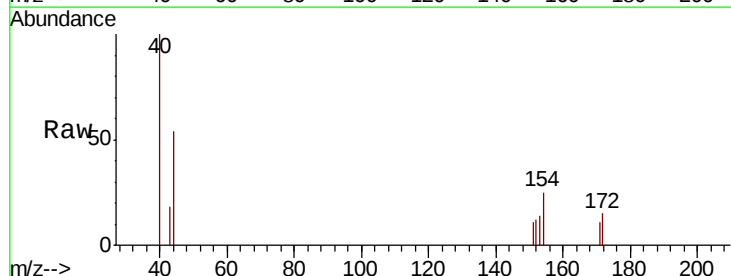


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

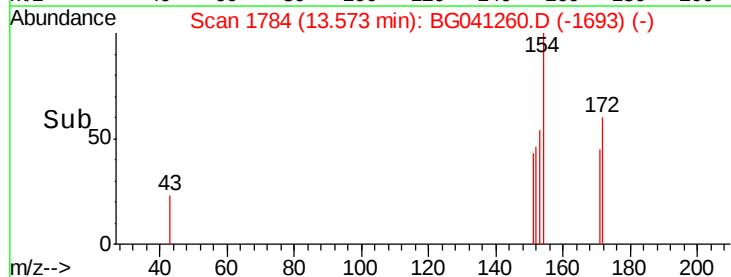
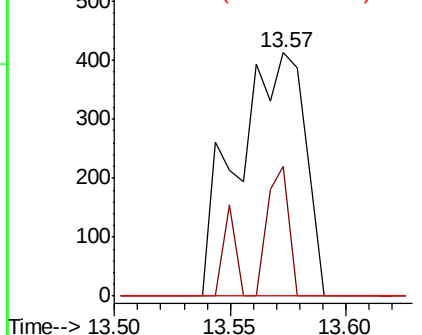


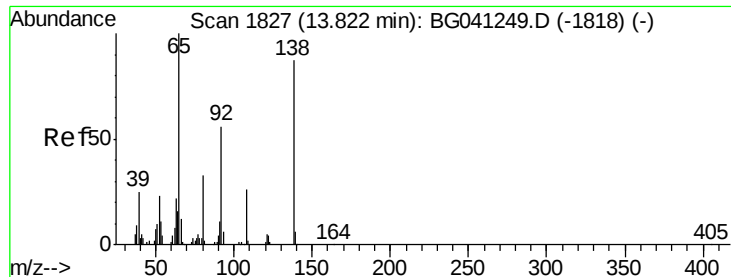
#46
 1,1'-Biphenyl
 Concen: 0.104 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion:154 Resp: 840
 Ion Ratio Lower Upper
 154 100
 153 53.5 23.3 63.3
 76 0.0 0.0 31.1



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





#48

2-Nitroaniline

Concen: 0.474 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.34 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

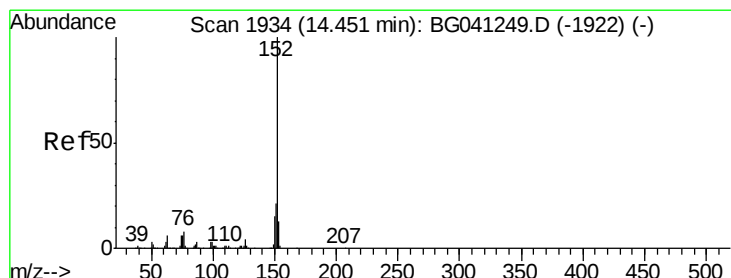
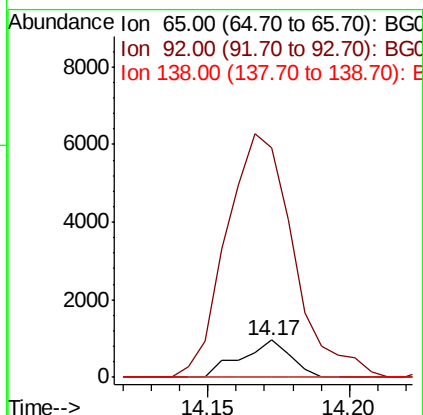
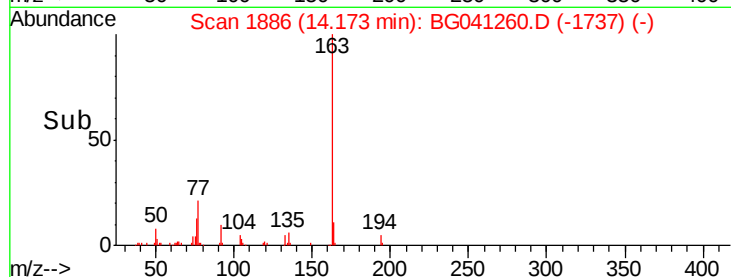
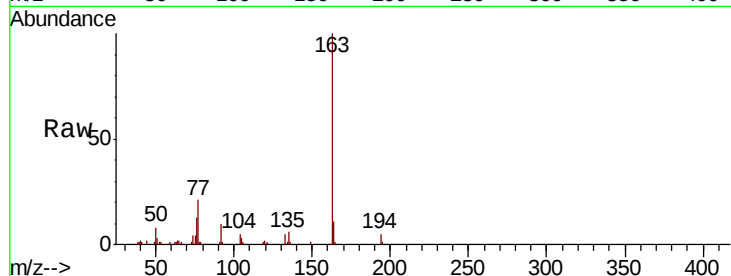
Tgt Ion: 65 Resp: 1160

Ion Ratio Lower Upper

65 100

92 613.4 51.0 76.6#

138 0.0 71.2 106.8#



#49

Acenaphthylene

Concen: 0.005 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.08 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

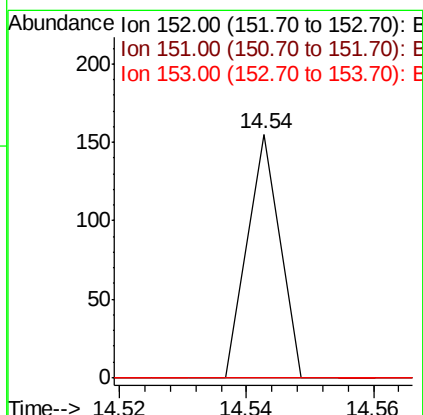
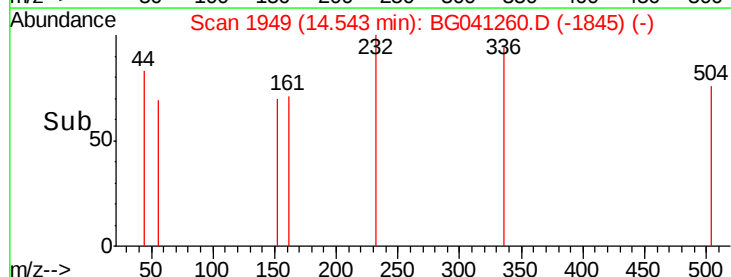
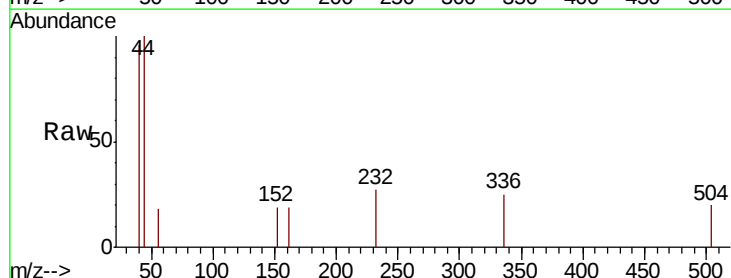
Tgt Ion: 152 Resp: 55

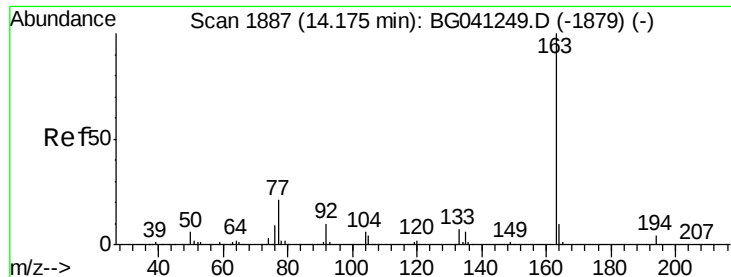
Ion Ratio Lower Upper

152 100

151 0.0 17.4 26.0#

153 0.0 11.0 16.4#





#50

Dimethylphthalate

Concen: 11.619 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

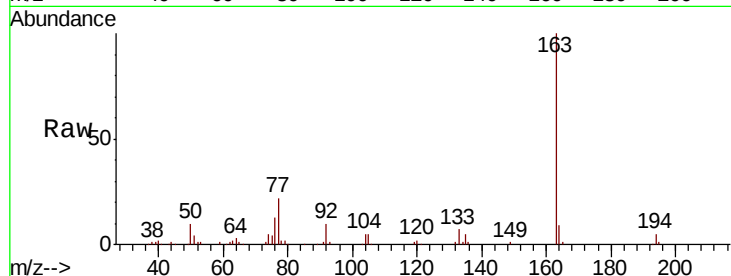
Tgt Ion:163 Resp: 102752

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

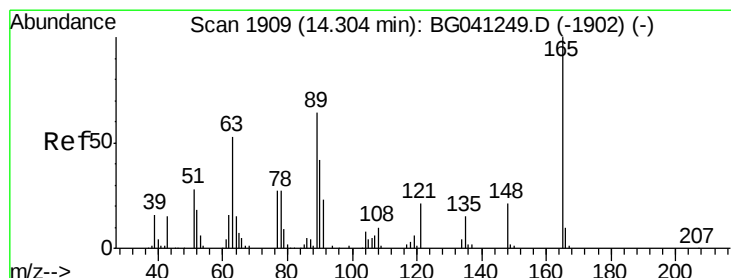
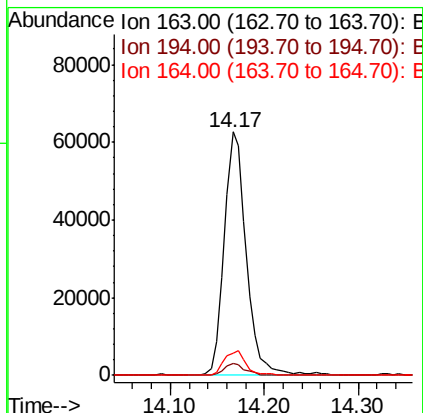
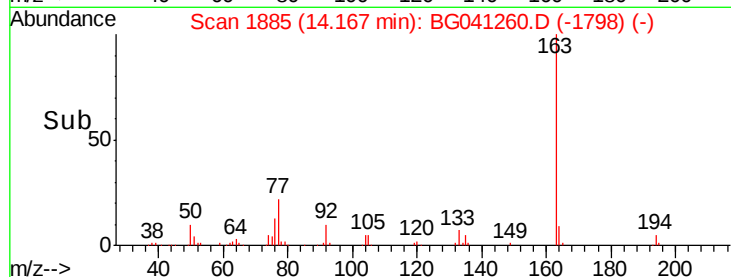
164 9.2 8.7 13.1



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: 0.472 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.15 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

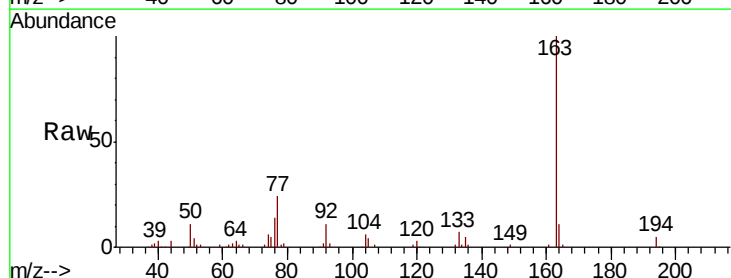
Tgt Ion:165 Resp: 895

Ion Ratio Lower Upper

165 100

63 138.9 53.6 80.4#

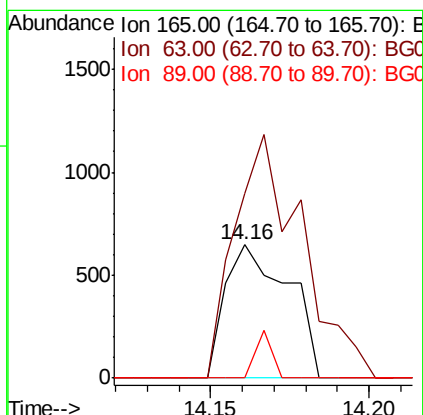
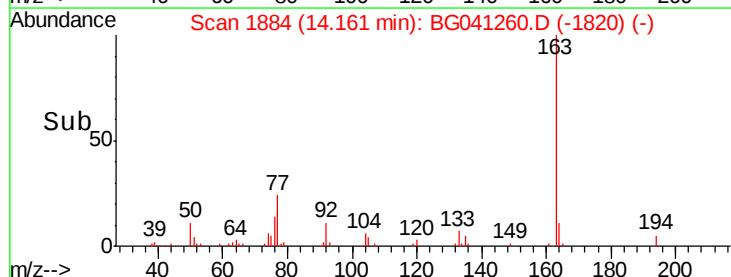
89 0.0 50.4 75.6#

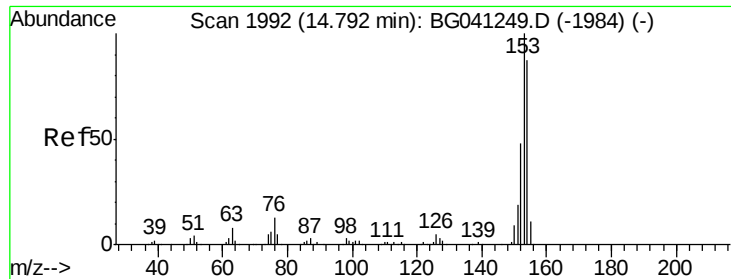


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.051 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.08 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

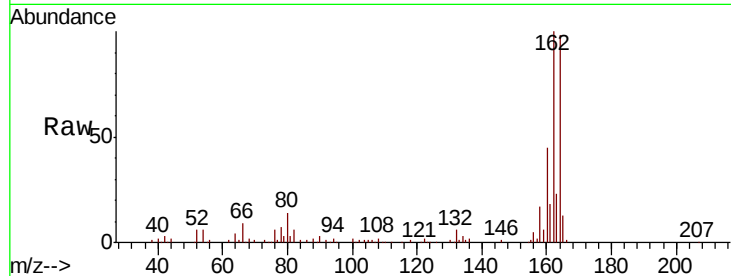
Tgt Ion:154 Resp: 309

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

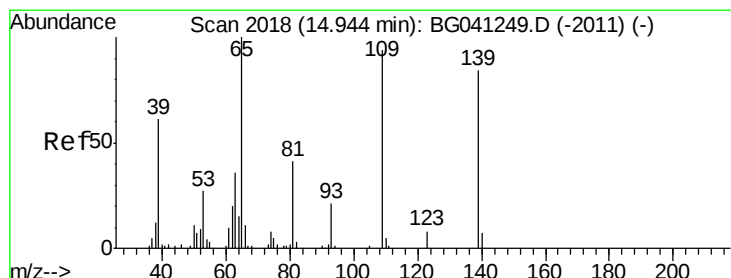
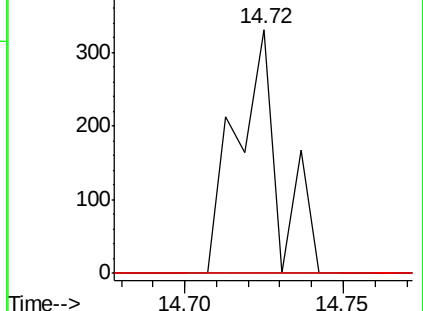
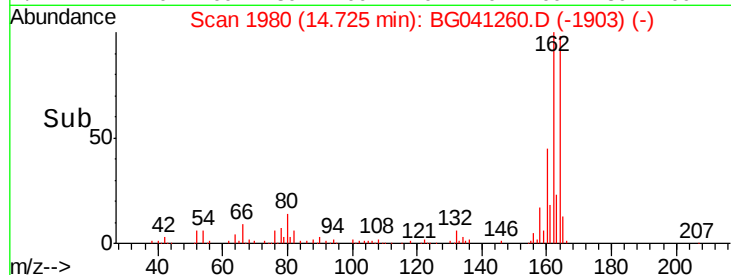
152 0.0 44.2 66.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

4-Nitrophenol

Concen: 9.353 ng

RT: 15.21 min Scan# 2063

Delta R.T. 0.27 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

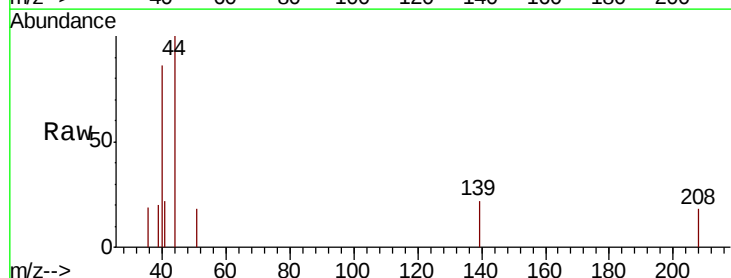
Tgt Ion:139 Resp: 66

Ion Ratio Lower Upper

139 100

109 0.0 79.6 119.6#

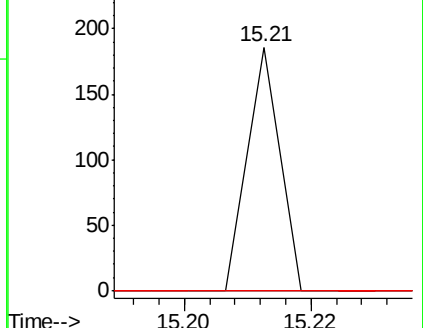
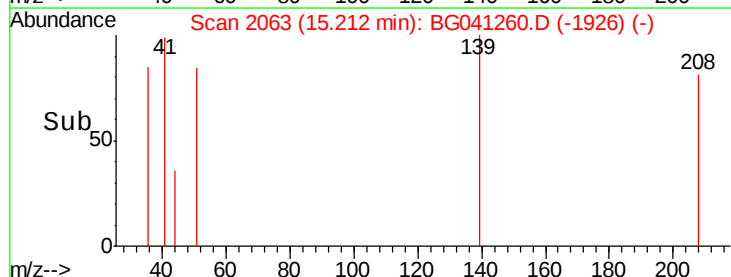
65 0.0 96.9 136.9#

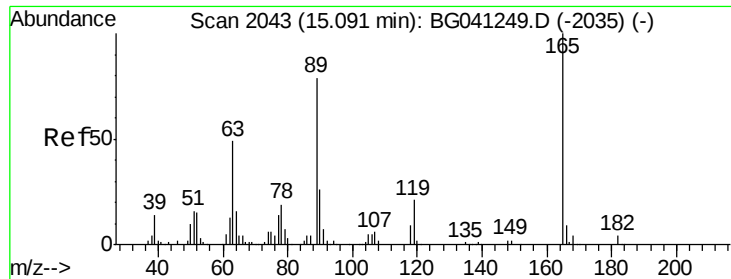


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

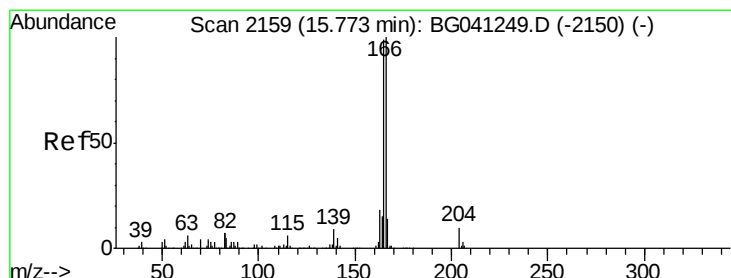
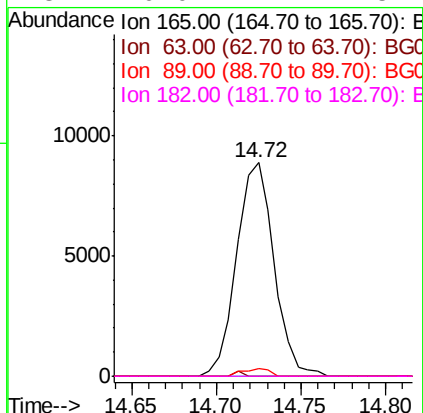
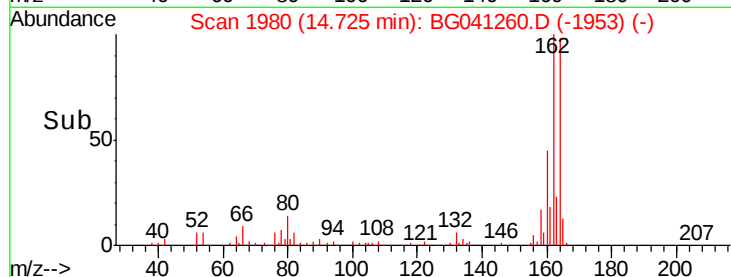
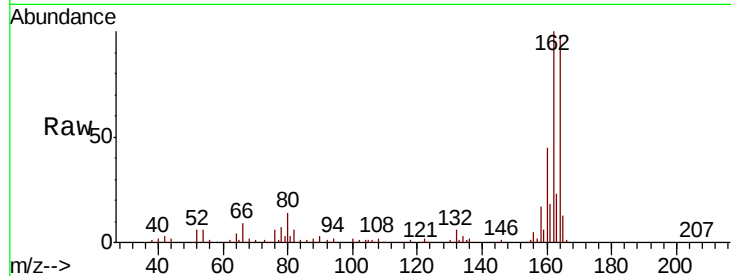




#57
2,4-Dinitrotoluene
Concen: 5.205 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.37 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

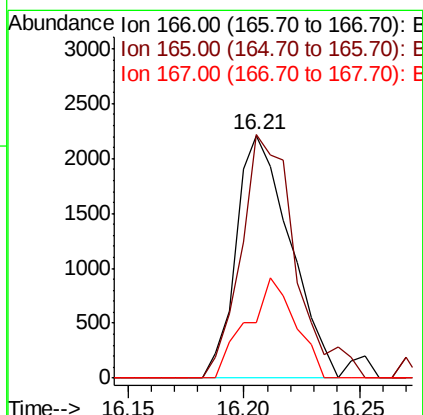
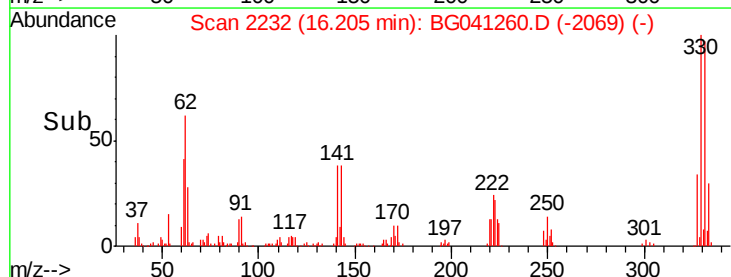
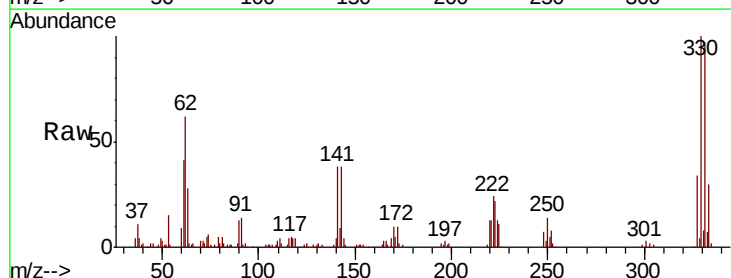
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

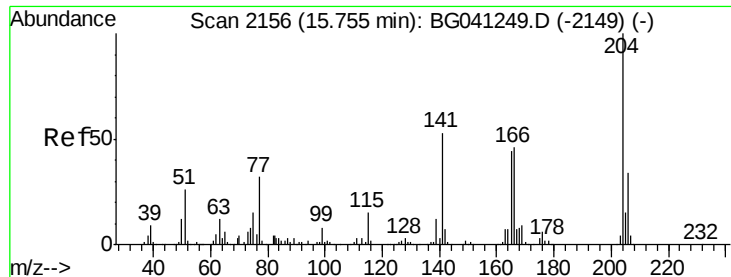
Tgt Ion:165 Resp: 13701
Ion Ratio Lower Upper
165 100
63 0.0 37.3 55.9#
89 3.7 61.0 91.6#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: 0.450 ng
RT: 16.21 min Scan# 2232
Delta R.T. 0.43 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:166 Resp: 3594
Ion Ratio Lower Upper
166 100
165 100.5 79.2 118.8
167 23.0 11.8 17.6#

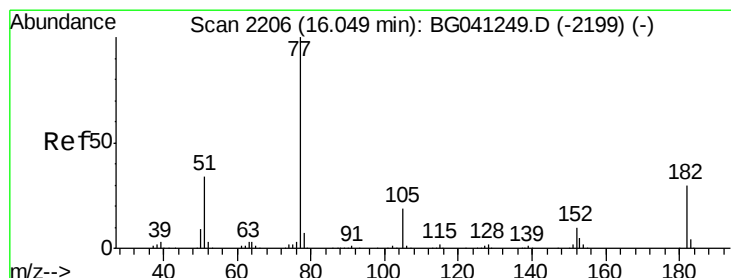
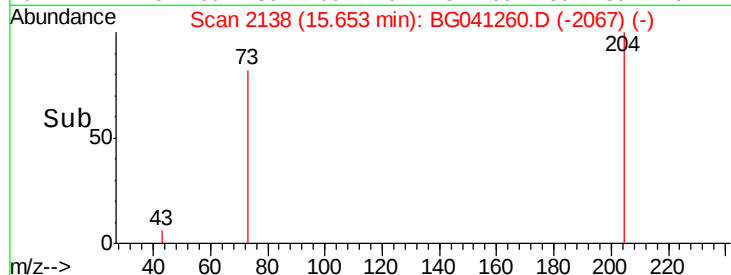
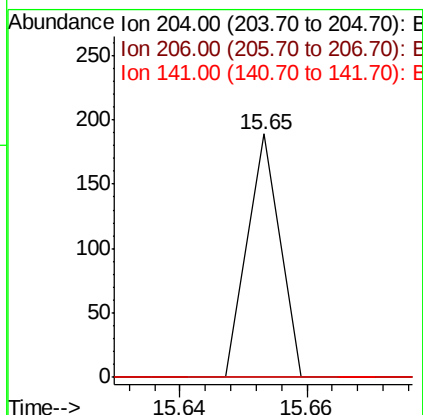
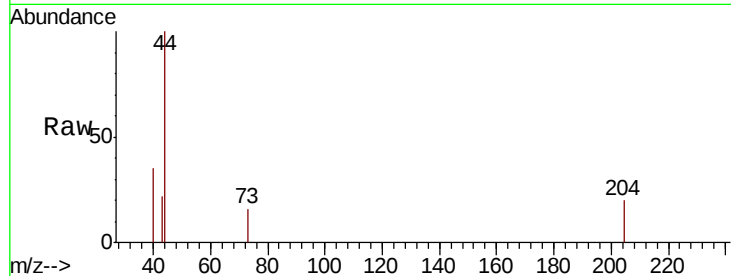




#61
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.11 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

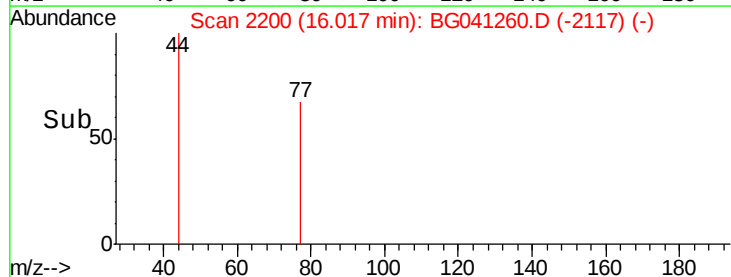
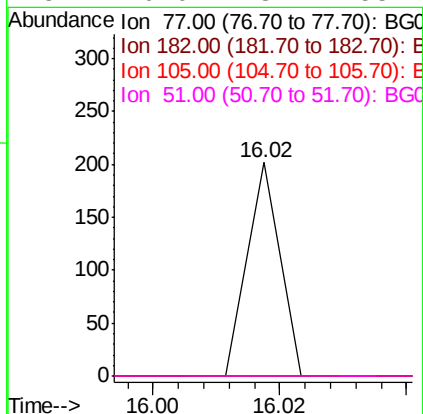
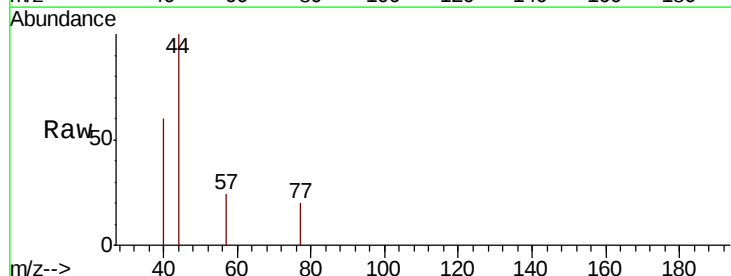
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

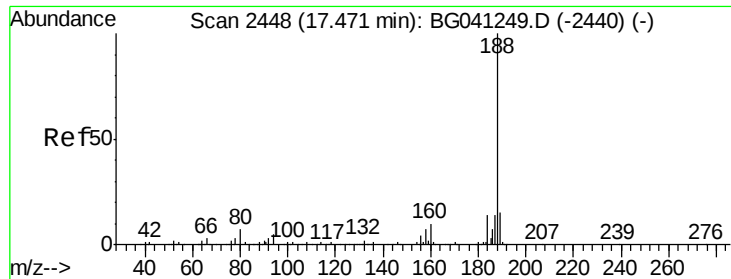
Tgt Ion: 204 Resp: 67
Ion Ratio Lower Upper
204 100
206 0.0 27.6 41.4#
141 0.0 45.1 67.7#



#63
Azobenzene
Concen: 0.009 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion: 77 Resp: 71
Ion Ratio Lower Upper
77 100
182 0.0 9.6 49.6#
105 0.0 0.0 37.5
51 0.0 13.7 53.7#

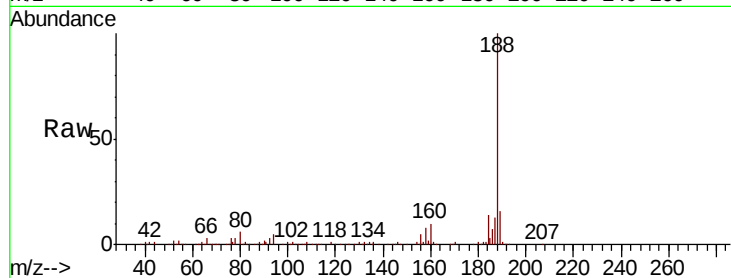




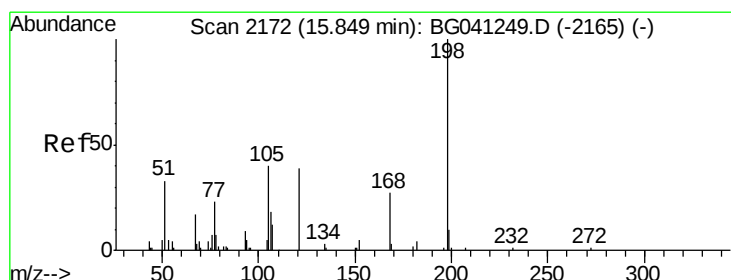
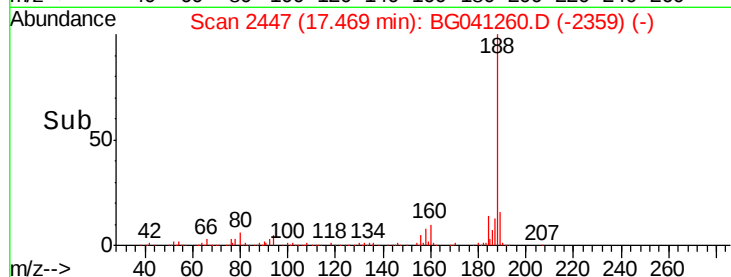
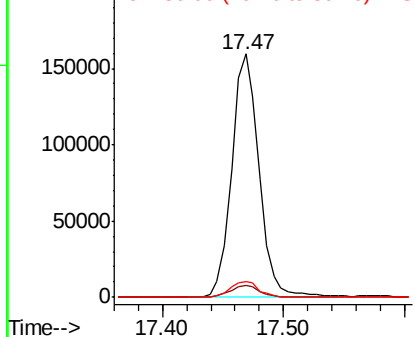
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tgt Ion:188 Resp: 251614
Ion Ratio Lower Upper
188 100
94 5.1 4.7 7.1
80 6.5 5.8 8.8

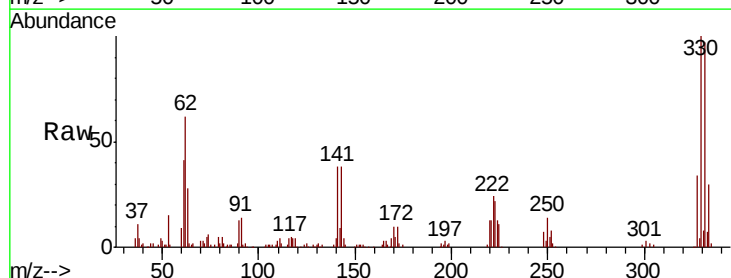


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

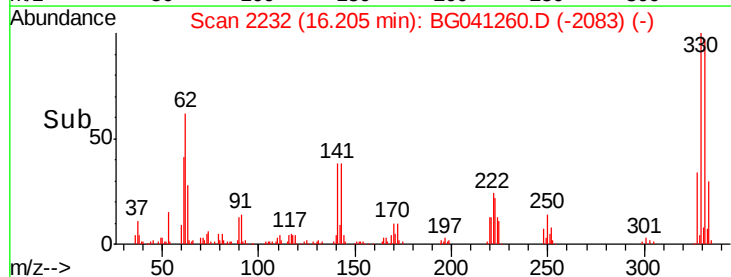
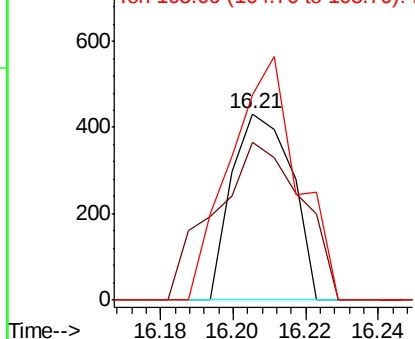


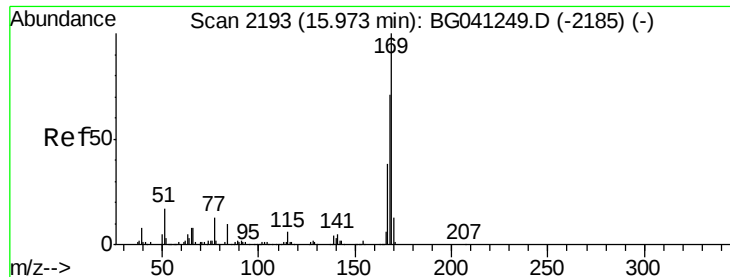
#65
4,6-Dinitro-2-methylphenol
Concen: 9.144 ng
RT: 16.21 min Scan# 2232
Delta R.T. 0.35 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:198 Resp: 496
Ion Ratio Lower Upper
198 100
51 85.0 21.6 61.6#
105 110.2 17.5 57.5#



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

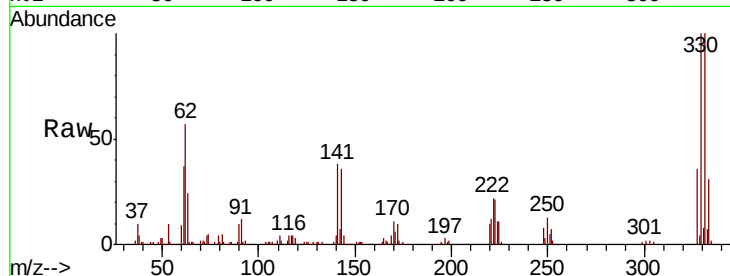




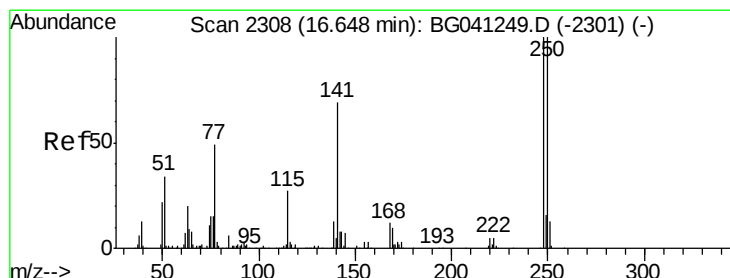
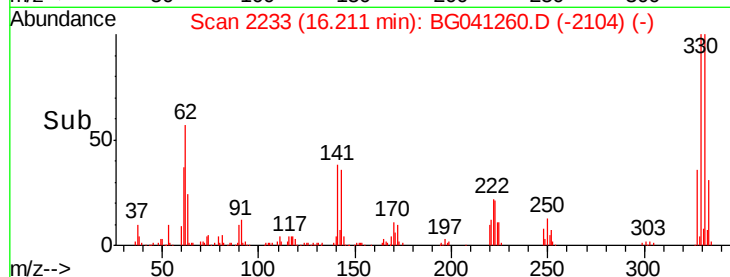
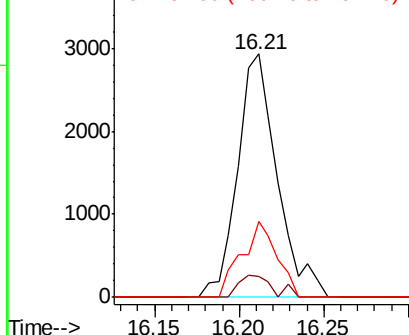
#66
 n-Nitrosodiphenylamine
 Concen: 0.684 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.23 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Tgt Ion:169 Resp: 4785
 Ion Ratio Lower Upper
 169 100
 168 8.3 55.7 83.5#
 167 31.0 30.2 45.2

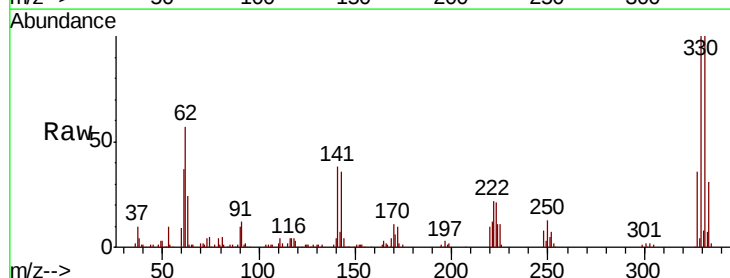


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

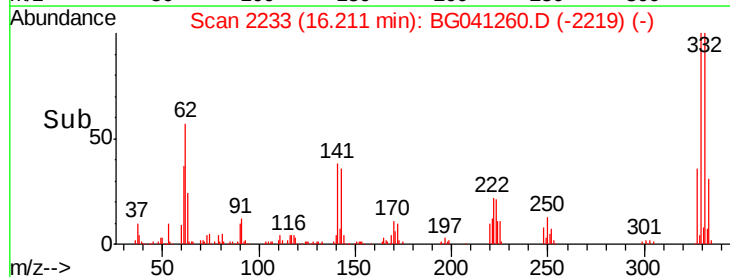
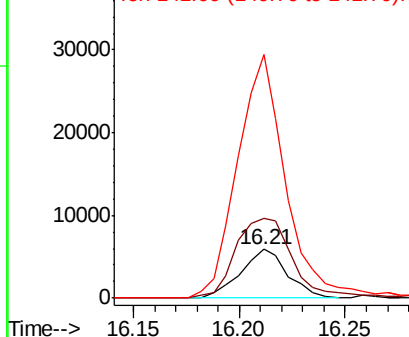


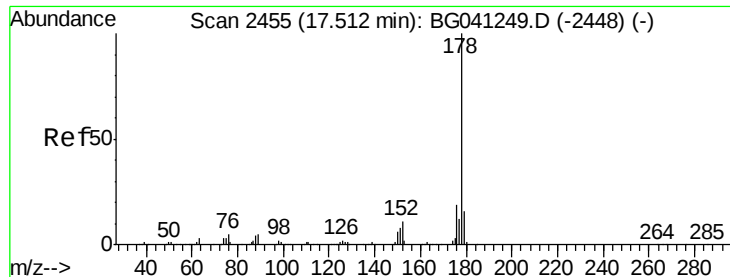
#67
 4-Bromophenyl-phenylether
 Concen: 2.736 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.45 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion:248 Resp: 9119
 Ion Ratio Lower Upper
 248 100
 250 122.1 75.0 112.4#
 141 370.2 52.4 78.6#



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

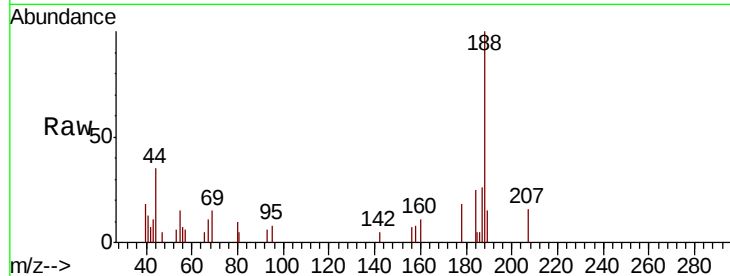




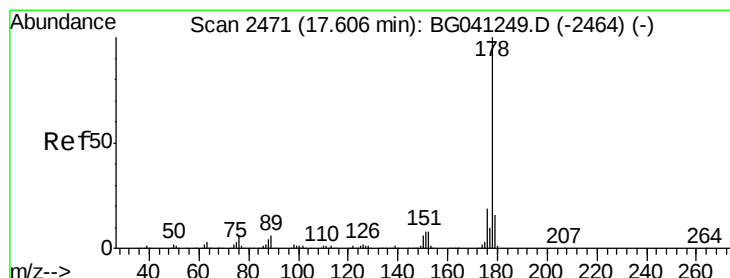
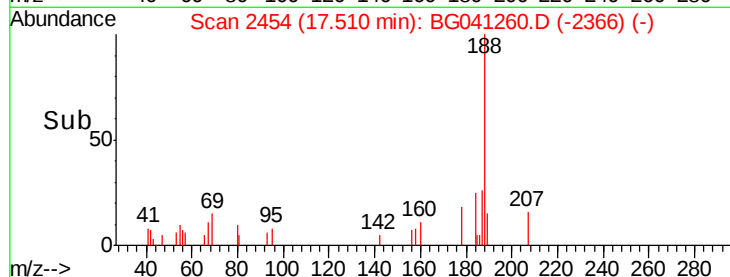
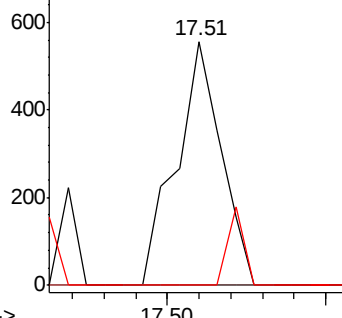
#71
Phenanthrene
Concen: 0.041 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tgt Ion:178 Resp: 550
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 0.0 12.7 19.1#

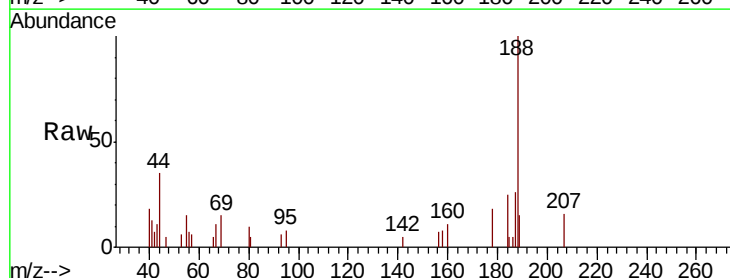


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

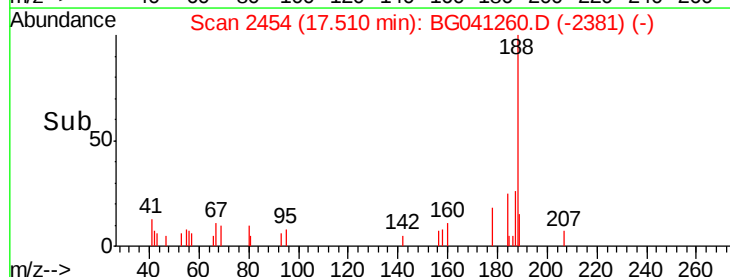
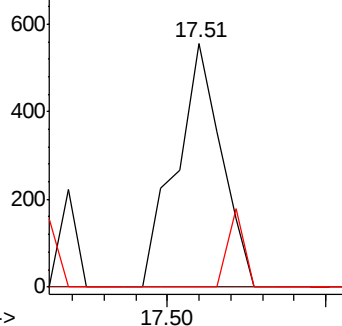


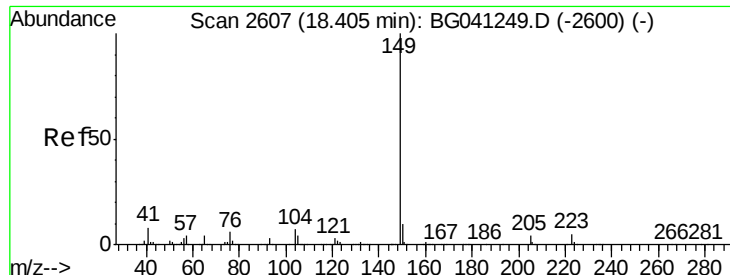
#72
Anthracene
Concen: 0.042 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.10 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:178 Resp: 550
Ion Ratio Lower Upper
178 100
176 0.0 15.6 23.4#
179 0.0 13.0 19.4#



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

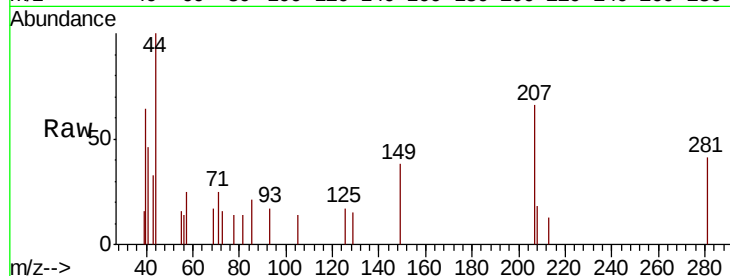




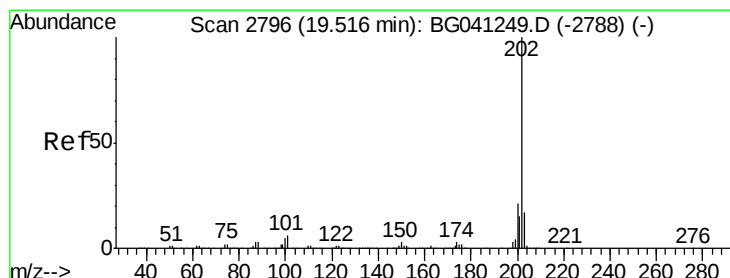
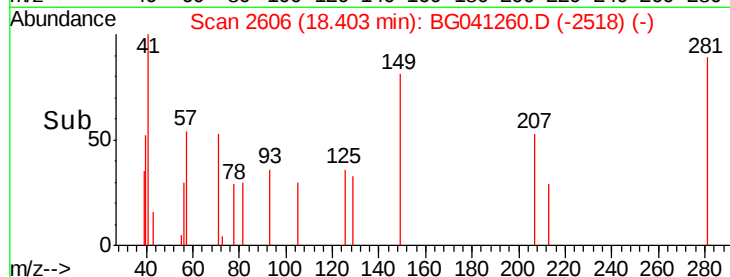
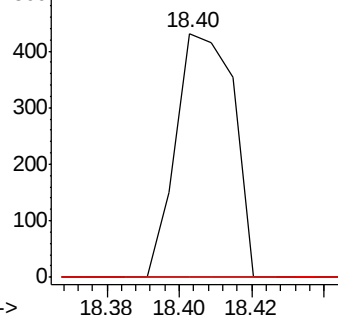
#74
Di-n-butylphthalate
Concen: 0.034 ng
RT: 18.40 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tgt Ion:149 Resp: 476
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 5.0 7.4#

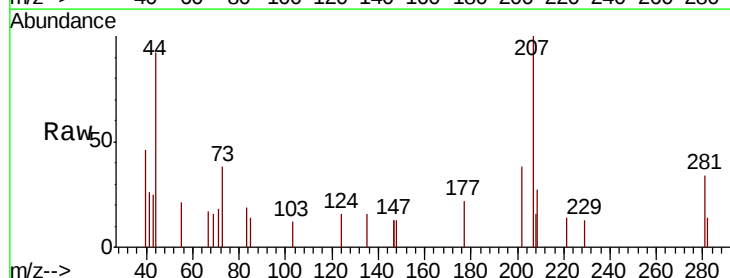


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

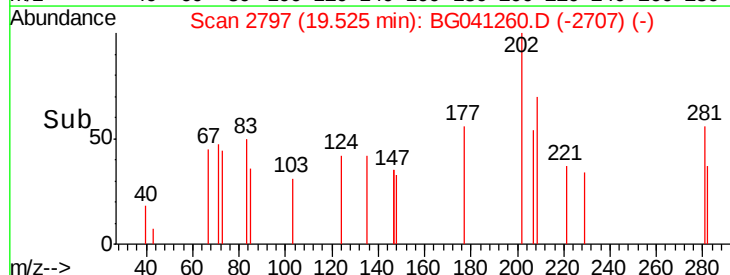
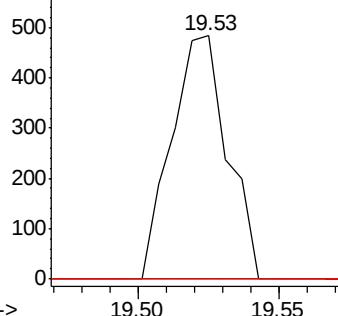


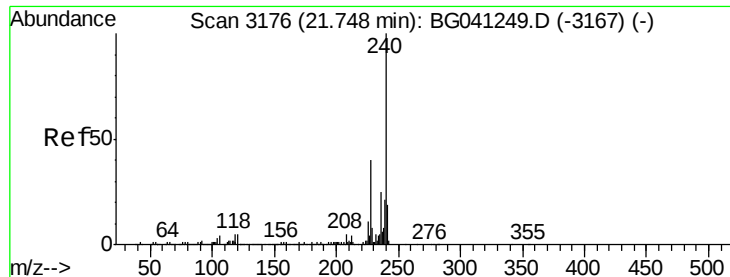
#75
Fluoranthene
Concen: 0.039 ng
RT: 19.53 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:202 Resp: 664
Ion Ratio Lower Upper
202 100
101 0.0 0.0 26.2
203 0.0 0.0 38.7



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: 21.75 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

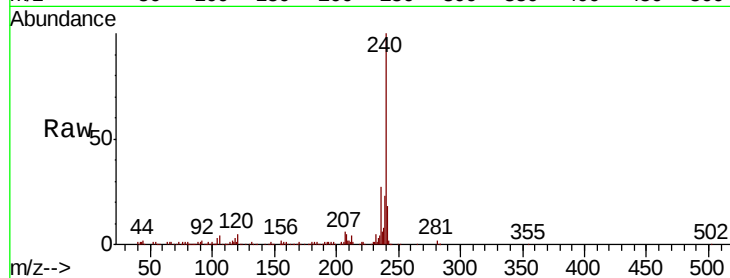
Tgt Ion:240 Resp: 231831

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

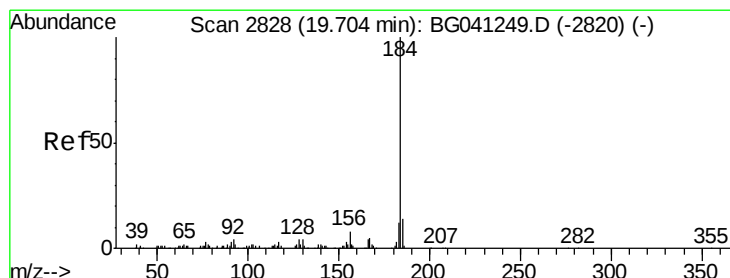
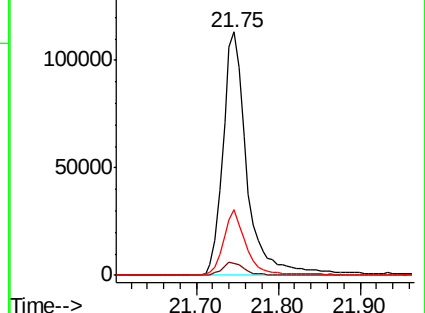
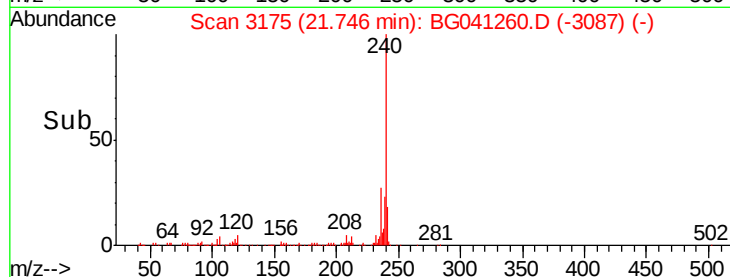
236 27.0 21.3 31.9



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: 4.749 ng

RT: 20.07 min Scan# 2889

Delta R.T. 0.36 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

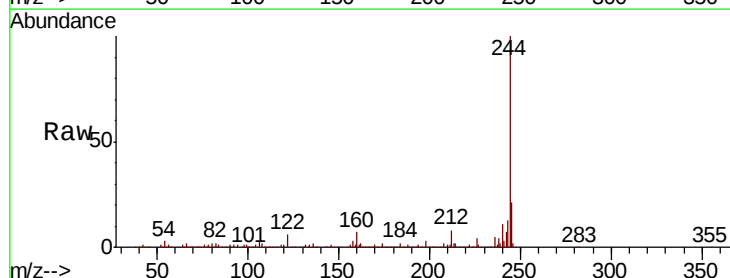
Tgt Ion:184 Resp: 17094

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

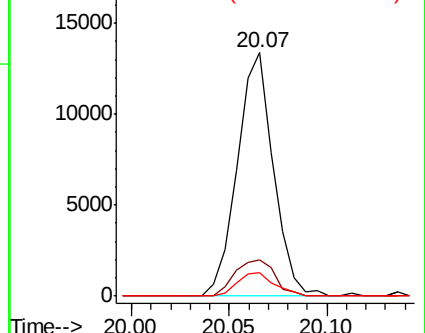
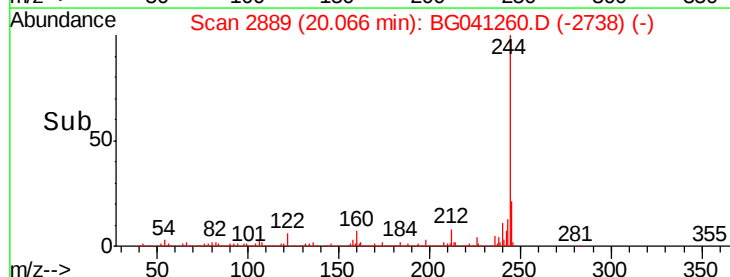
183 9.6 10.7 16.1#

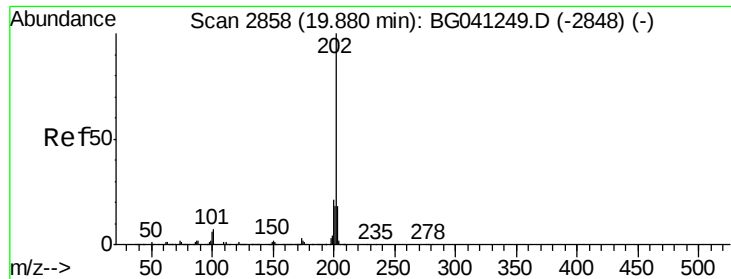


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.043 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

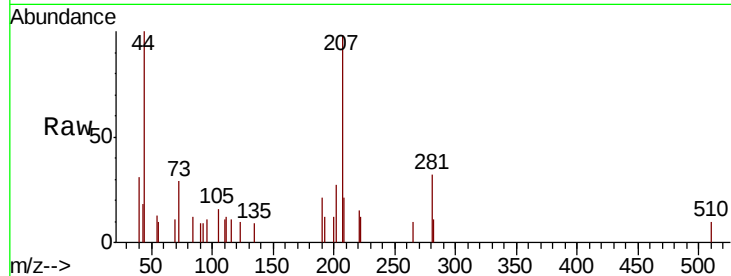
Tgt Ion:202 Resp: 692

Ion Ratio Lower Upper

202 100

200 45.1 17.5 26.3#

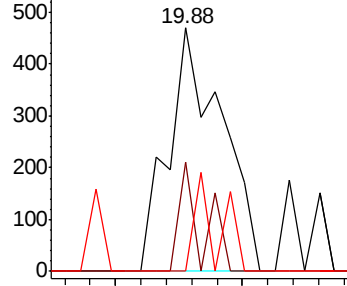
203 0.0 15.6 23.4#



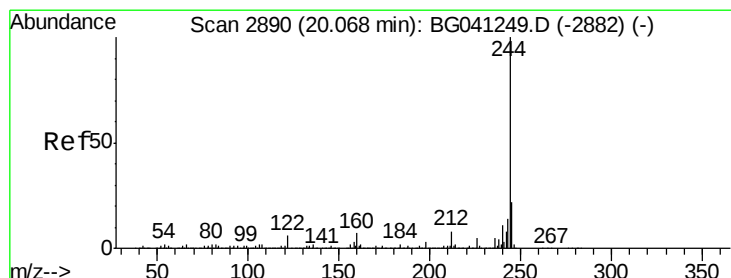
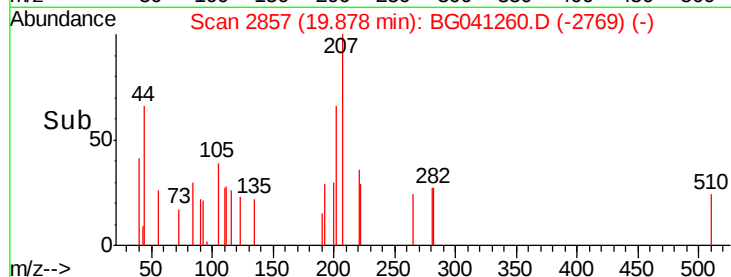
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 85.986 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

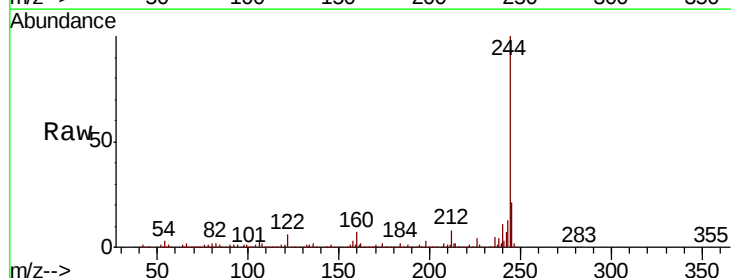
Tgt Ion:244 Resp: 1016695

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

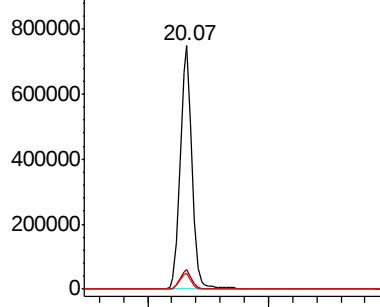
122 6.4 5.4 8.0



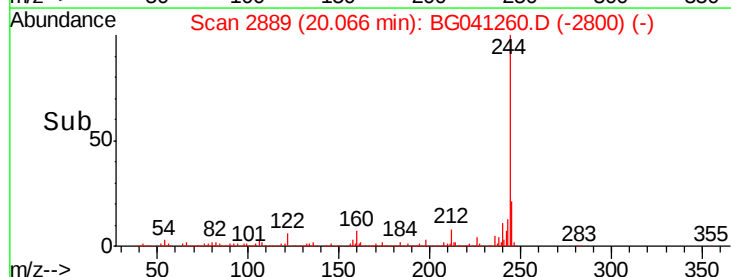
Abundance Ion 244.00 (243.70 to 244.70): E

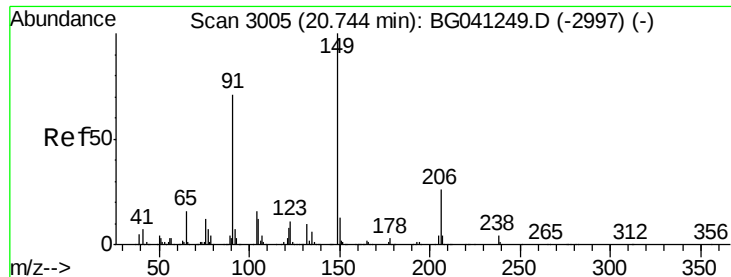
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Butylbenzylphthalate

Concen: 0.048 ng

RT: 20.75 min Scan# 3005

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

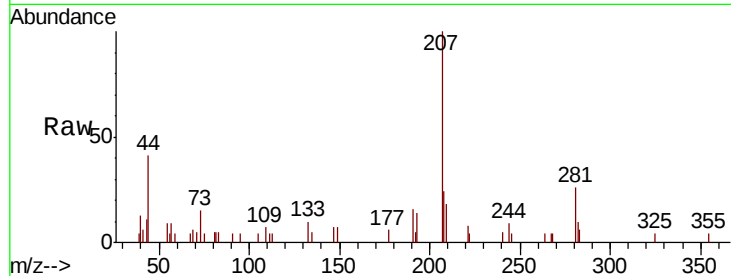
Tgt Ion:149 Resp: 292

Ion Ratio Lower Upper

149 100

91 62.8 56.5 84.7

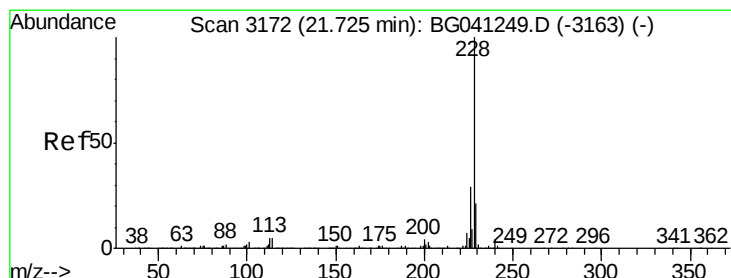
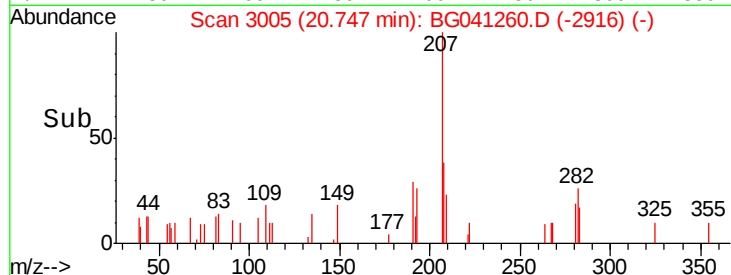
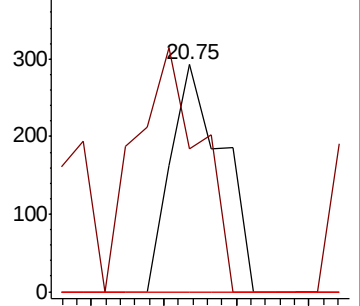
206 0.0 20.3 30.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.048 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

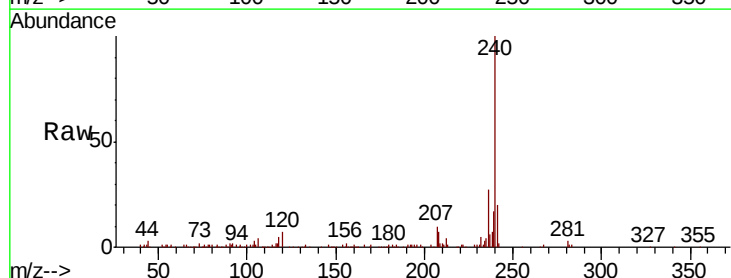
Tgt Ion:228 Resp: 729

Ion Ratio Lower Upper

228 100

226 0.0 23.5 35.3#

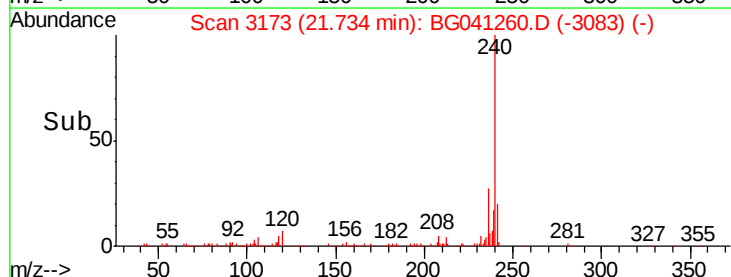
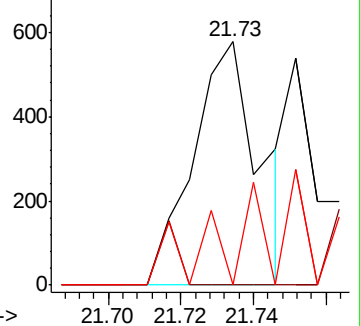
229 0.0 16.7 25.1#

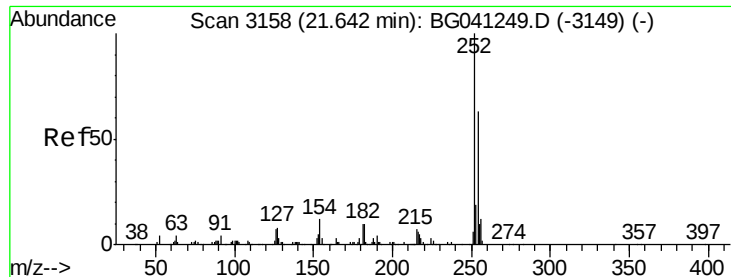


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

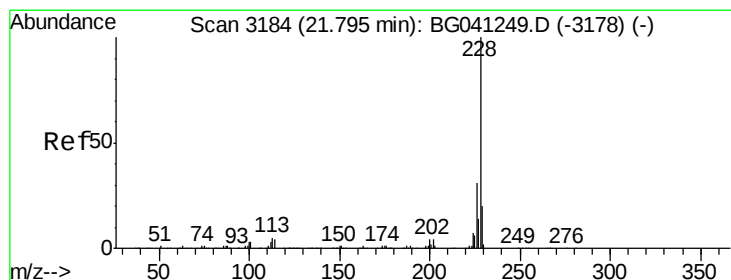
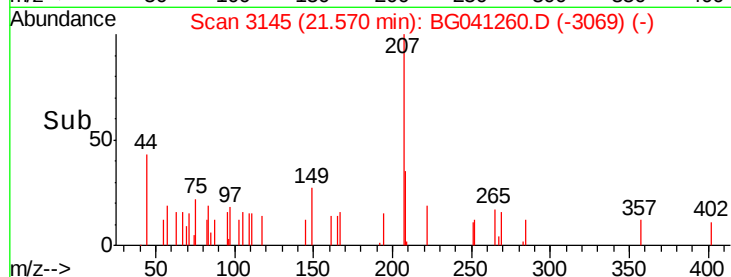
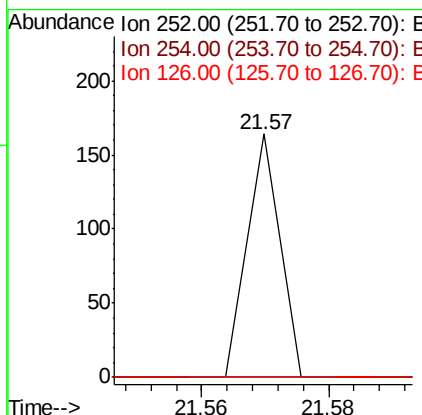
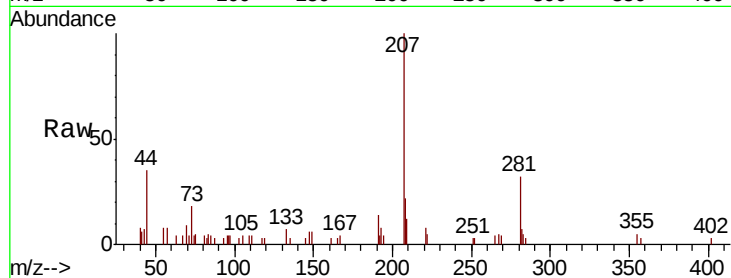




#82
 3,3'-Dichlorobenzidine
 Concen: 0.012 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.08 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

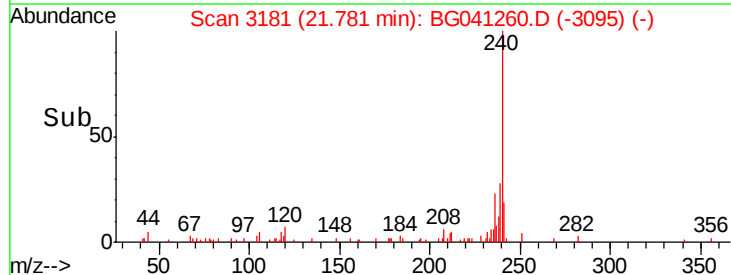
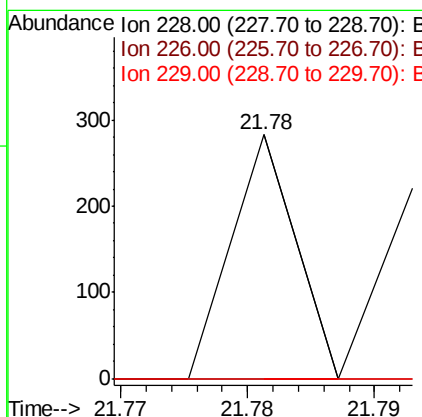
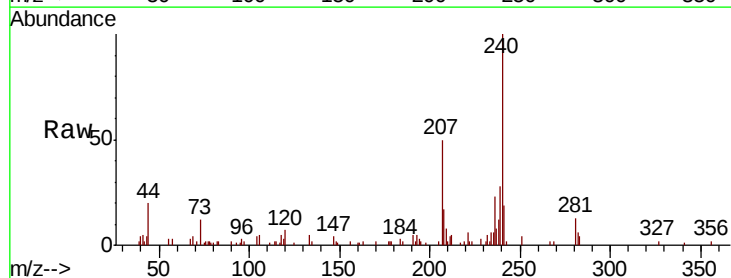
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

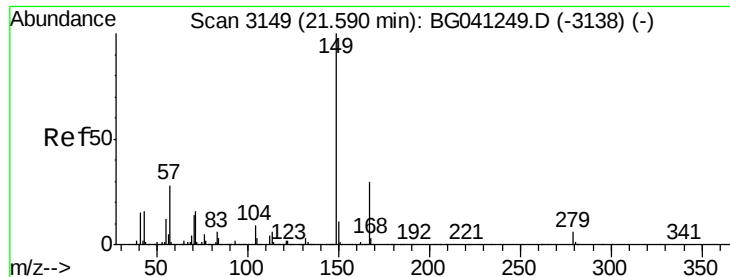
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	5.5	8.3#



#83
 Chrysene
 Concen: 0.007 ng
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.03 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.6	37.0#
229	0.0	16.6	24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.188 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

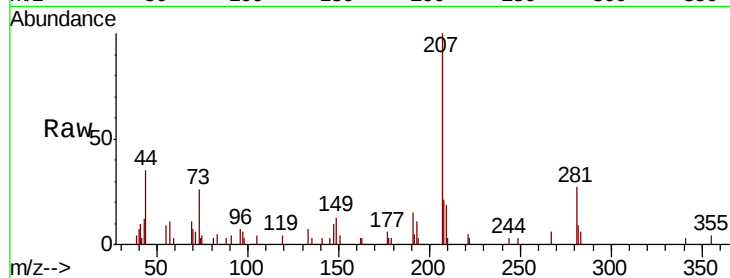
Tgt Ion:149 Resp: 1596

Ion Ratio Lower Upper

149 100

167 0.0 24.6 37.0#

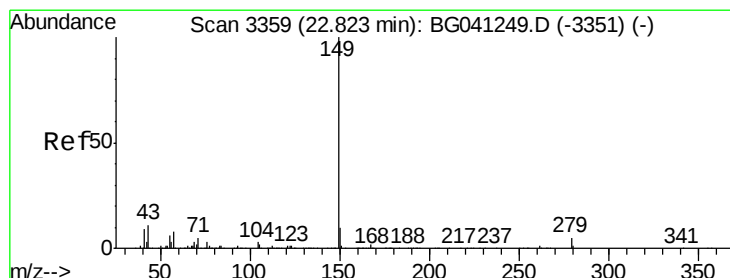
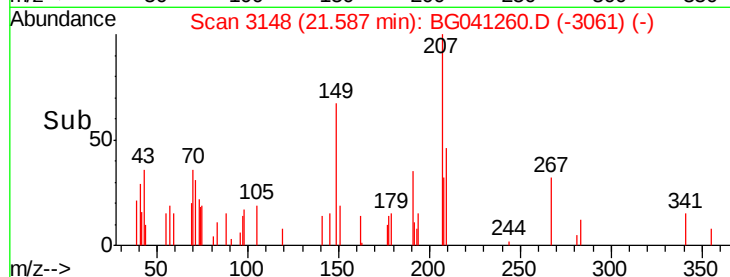
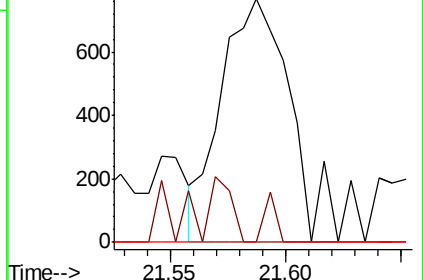
279 0.0 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.045 ng

RT: 22.83 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

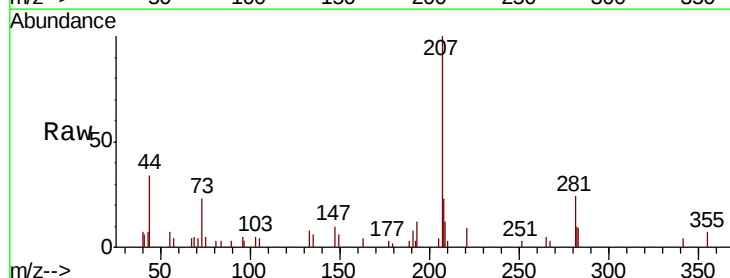
Tgt Ion:149 Resp: 632

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

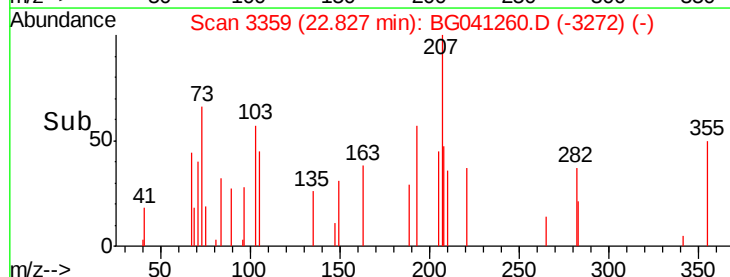
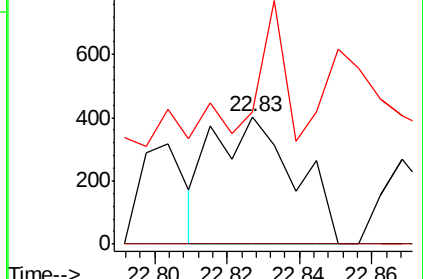
43 50.6 8.1 12.1#

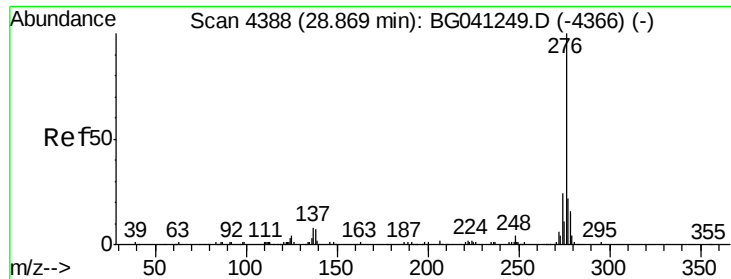


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.006 ng

RT: 28.91 min Scan# 4394

Delta R.T. 0.00 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

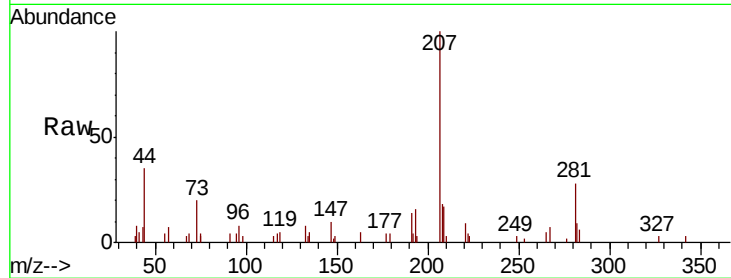
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

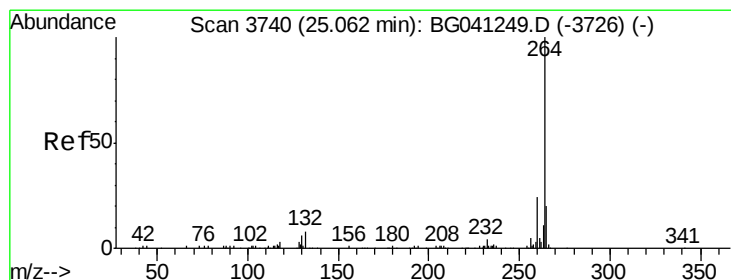
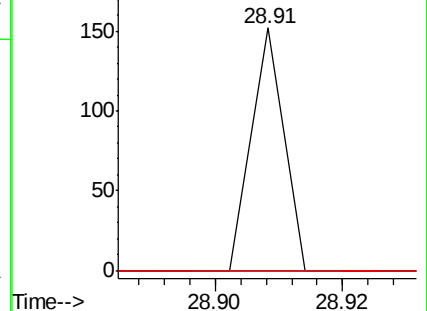
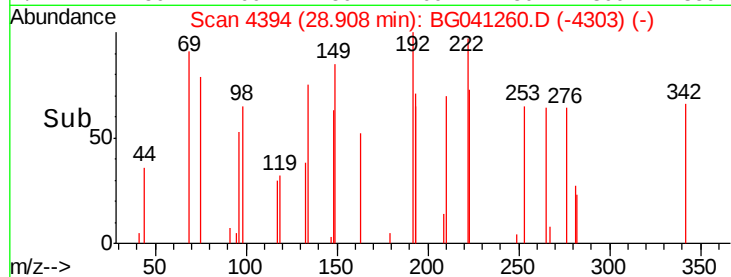
277 0.0 20.8 31.2#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

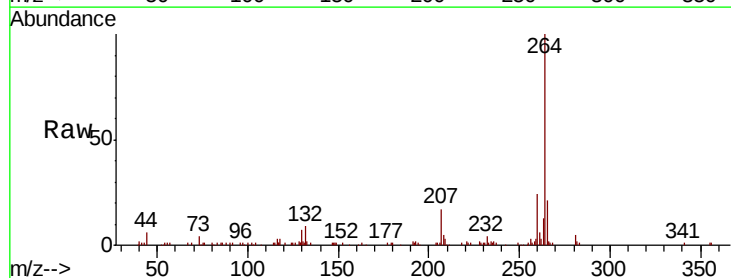
Tgt Ion:264 Resp: 173964

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

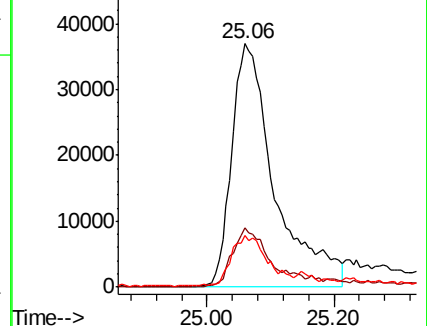
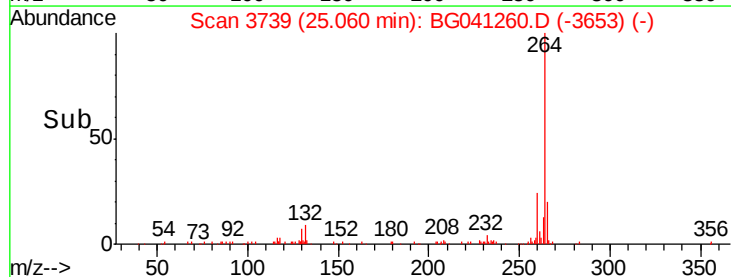
265 21.0 17.0 25.4

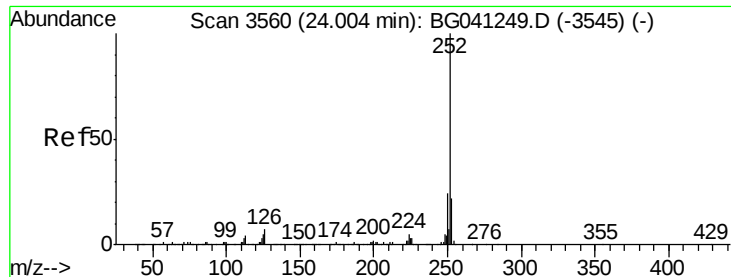


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.03 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

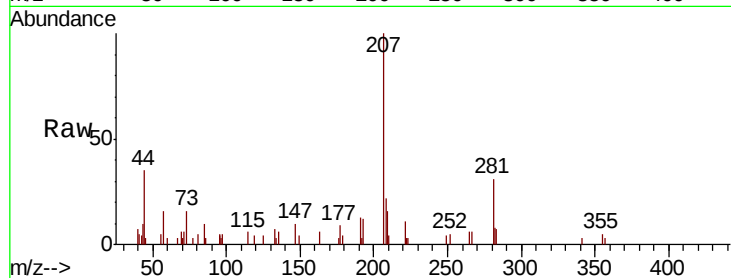
Tgt Ion:252 Resp: 102

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

125 75.0 4.3 6.5#

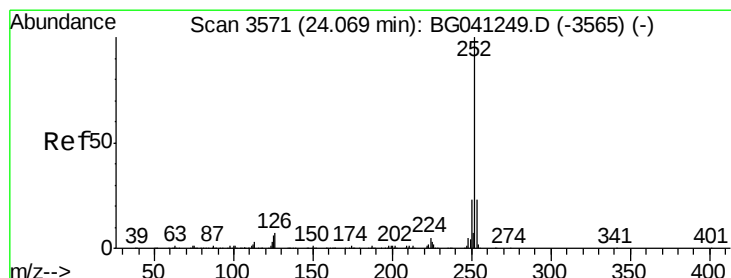
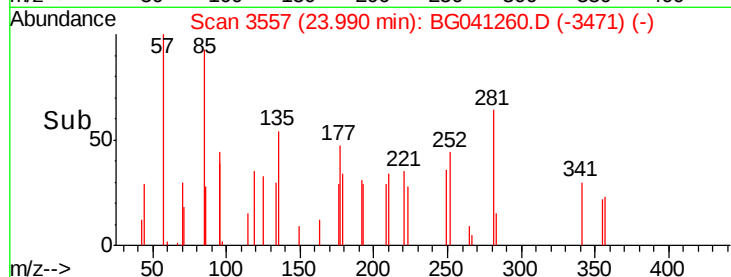
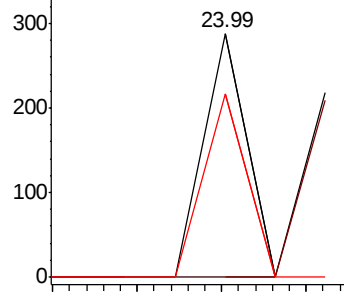


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.021 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

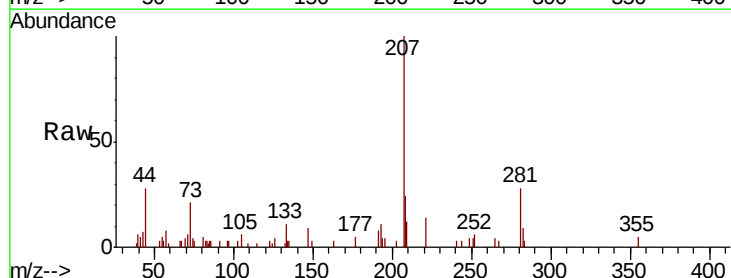
Tgt Ion:252 Resp: 270

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 0.0 4.7 7.1#

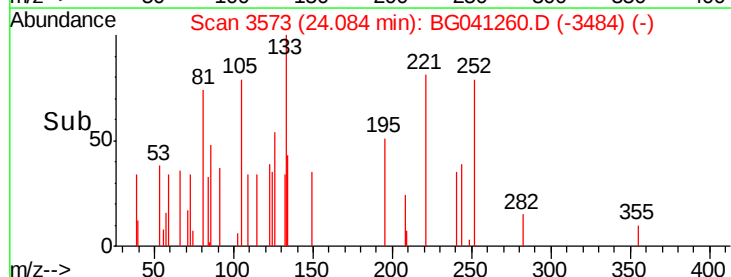
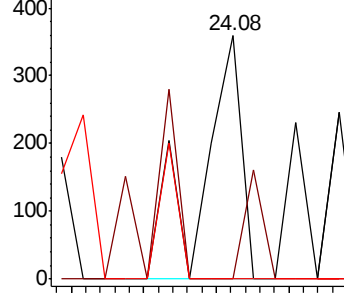


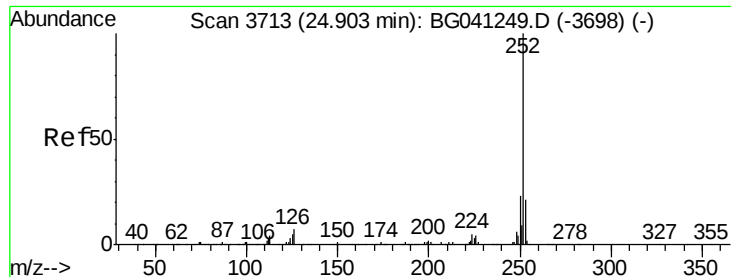
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.90 min Scan# 3711

Delta R.T. -0.03 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

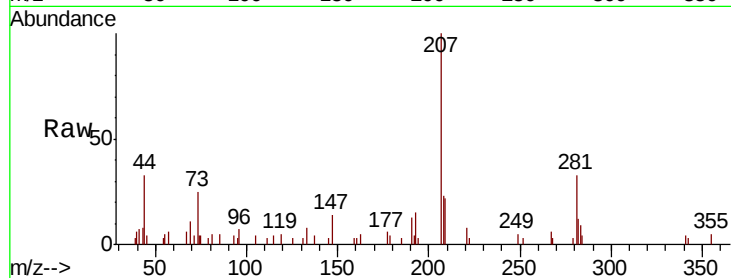
Tgt Ion: 252 Resp: 54

Ion Ratio Lower Upper

252 100

253 0.0 19.5 29.3#

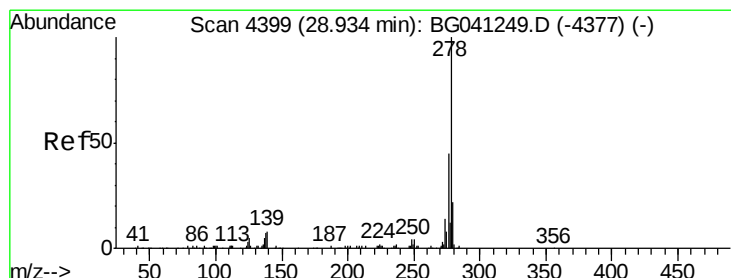
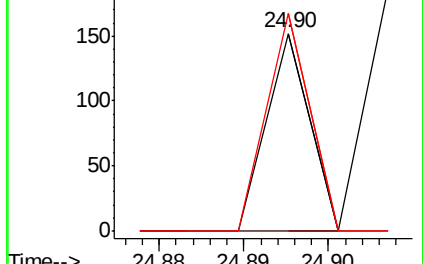
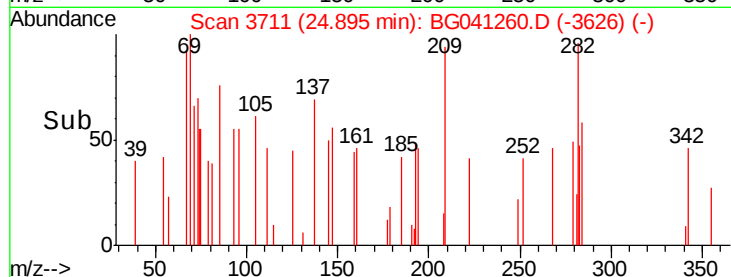
125 109.9 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.011 ng

RT: 28.98 min Scan# 4407

Delta R.T. 0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

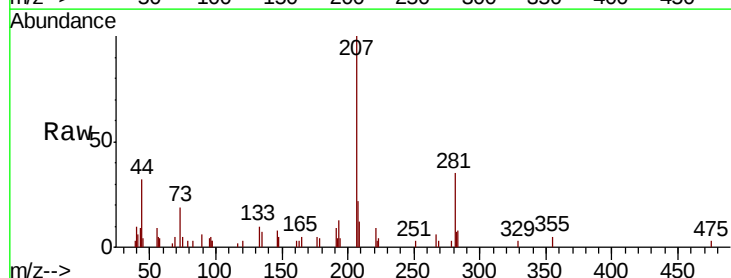
Tgt Ion: 278 Resp: 67

Ion Ratio Lower Upper

278 100

139 0.0 7.1 10.7#

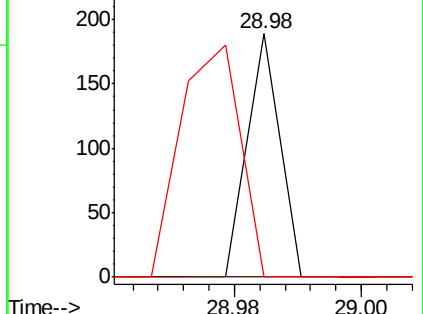
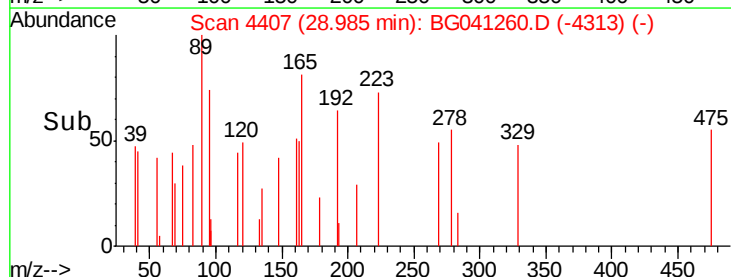
279 0.0 19.4 29.2#

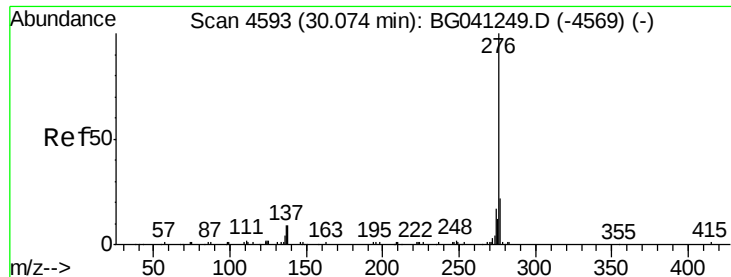


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.013 ng

RT: 30.07 min Scan# 4592

Delta R.T. -0.04 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

Tgt Ion: 276 Resp: 64

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 0.0 9.7 14.5#

