

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
 Data File : BG041259.D
 Acq On : 14 Jun 2019 18:46
 Operator : HP/JU
 Sample : K3333-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Jun 15 03:32:50 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	35617	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	145427	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	106476	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	257171	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	235453	20.00	ng	-0.02
87) Perylene-d12	25.06	264	178638	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	192466	99.57	ng	-0.01
7) Phenol-d6	7.24	99	329564	111.53	ng	0.00
23) Nitrobenzene-d5	9.27	82	258134	77.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	125219	85.01	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	631571	78.51	ng	-0.01
79) Terphenyl-d14	20.06	244	1032721	86.00	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	121	0.150	ng	# 1
3) Pyridine	3.95	79	57	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	105	0.086	ng	# 1
6) Aniline	7.62	93	541	0.140	ng	# 1
9) Benzaldehyde	7.24	77	588	0.313	ng	# 1
10) Phenol	7.26	94	994	0.313	ng	# 1
11) bis(2-Chloroethyl)ether	7.62	93	541	0.233	ng	# 1
14) 1,2-Dichlorobenzene	8.66	146	54	0.019	ng	# 25
15) Benzyl Alcohol	8.41	79	4454	1.638	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.65	45	53	0.014	ng	# 69
19) n-Nitroso-di-n-propylamine	9.27	70	36483	16.130	ng	# 75
22) Acetophenone	8.96	105	58	0.014	ng	# 47
24) Nitrobenzene	9.27	77	988	0.294	ng	# 44
25) Isophorone	9.84	82	1002	0.170	ng	# 67
26) 2-Nitrophenol	9.79	139	57	0.040	ng	# 27
33) 4-Chloroaniline	11.24	127	58	0.017	ng	# 41
36) 4-Chloro-3-methylphenol	12.35	107	56	0.019	ng	# 23
46) 1,1'-Biphenyl	13.57	154	712	0.086	ng	# 40
48) 2-Nitroaniline	14.17	65	1359	0.547	ng	# 1
50) Dimethylphthalate	14.17	163	112862	12.576	ng	# 95
51) 2,6-Dinitrotoluene	14.16	165	1132	0.588	ng	# 1
52) Acenaphthene	14.73	154	355	0.057	ng	# 5
53) 3-Nitroaniline	14.60	138	57	0.031	ng	# 1
54) 2,4-Dinitrophenol	15.28	184	61	10.689	ng	# 18
55) Dibenzofuran	15.48	168	74	0.007	ng	# 42
57) 2,4-Dinitrotoluene	14.72	165	13857	5.188	ng	# 21
58) Fluorene	16.21	166	3227	0.398	ng	# 81
60) Diethylphthalate	15.53	149	61	0.007	ng	# 57
62) 4-Nitroaniline	15.52	138	57	4.688	ng	# 2
63) Azobenzene	16.00	77	59	0.007	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.21	198	319	8.931	ng	# 1
66) n-Nitrosodiphenylamine	16.21	169	4852	0.678	ng	# 39
67) 4-Bromophenyl-phenylether	16.21	248	9525	2.796	ng	# 1
68) Hexachlorobenzene	17.24	284	73	0.020	ng	# 43

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
 Data File : BG041259.D
 Acq On : 14 Jun 2019 18:46
 Operator : HP/JU
 Sample : K3333-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

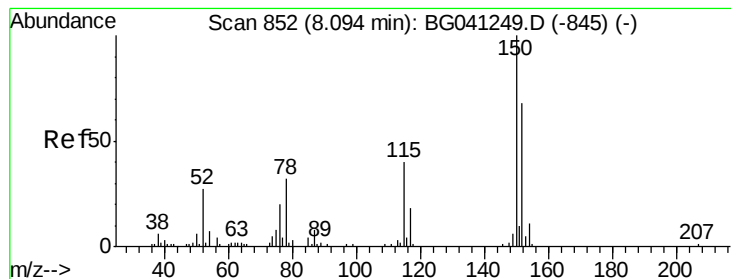
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Jun 15 03:32:50 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)

70) Pentachlorophenol	17.14	266	63	10.640	ng	# 18
71) Phenanthrene	17.51	178	498	0.037	ng	# 62
72) Anthracene	17.51	178	498	0.037	ng	# 62
74) Di-n-butylphthalate	18.40	149	714	0.050	ng	# 77
75) Fluoranthene	19.53	202	1755	0.102	ng	# 88
77) Benzidine	20.06	184	17554	4.802	ng	# 92
78) Pyrene	19.88	202	1222	0.076	ng	# 70
80) Butylbenzylphthalate	20.74	149	245	0.040	ng	# 62
81) Benzo(a)anthracene	21.74	228	1558	0.100	ng	# 85
82) 3,3'-Dichlorobenzidine	21.63	252	61	0.013	ng	# 24
83) Chrysene	21.80	228	1273	0.083	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.59	149	1976	0.229	ng	# 81
85) Di-n-octyl phthalate	22.82	149	488	0.034	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.88	276	144	0.016	ng	# 79
88) Benzo(b)fluoranthene	24.00	252	575	0.053	ng	# 17
89) Benzo(k)fluoranthene	24.08	252	166	0.013	ng	# 60
90) Benzo(a)pyrene	24.89	252	534	0.050	ng	# 69
91) Dibenzo(a,h)anthracene	28.93	278	80	0.013	ng	# 58
92) Benzo(g,h,i)perylene	30.10	276	61	0.012	ng	# 57

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

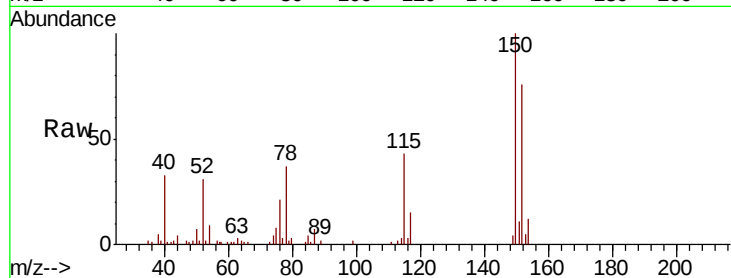
Tgt Ion:152 Resp: 35617

Ion Ratio Lower Upper

152 100

150 131.5 120.6 180.8

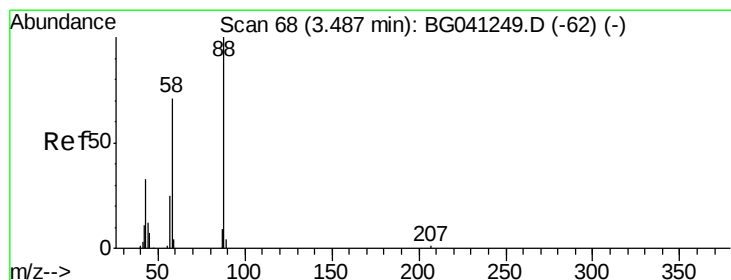
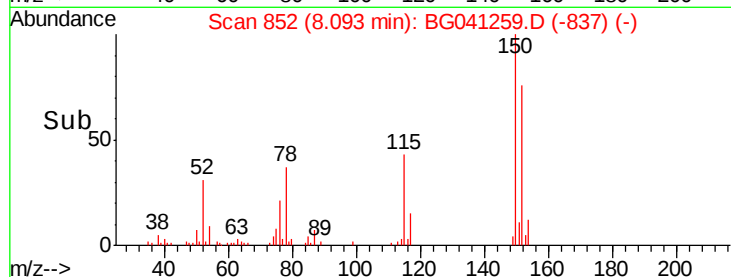
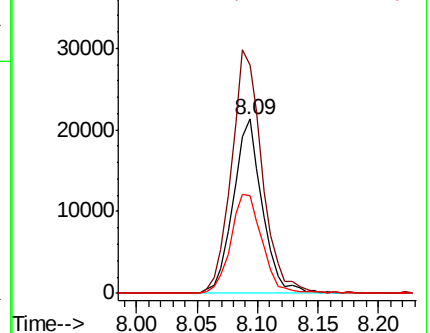
115 56.2 45.1 67.7



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: 0.150 ng

RT: 3.50 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

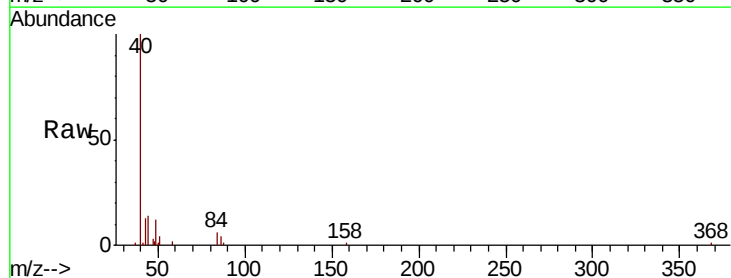
Tgt Ion: 88 Resp: 121

Ion Ratio Lower Upper

88 100

58 0.0 59.0 88.6#

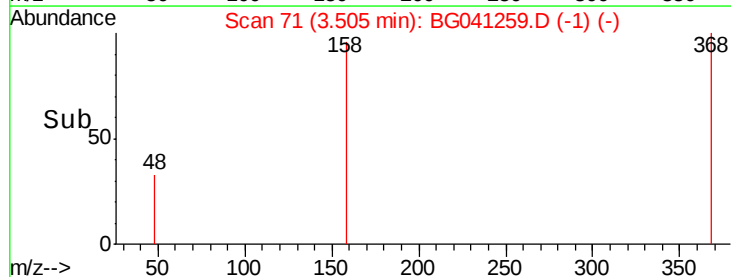
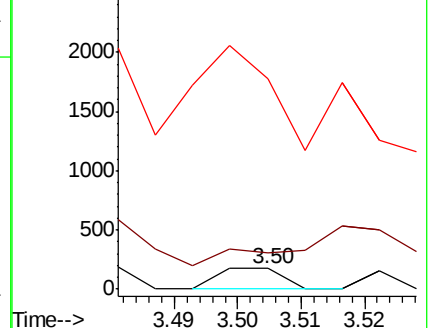
43 805.0 27.2 40.8#

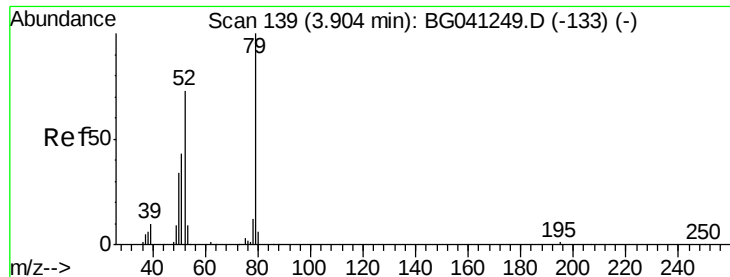


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.024 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.04 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

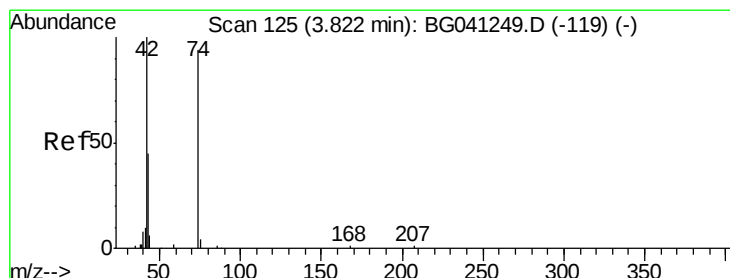
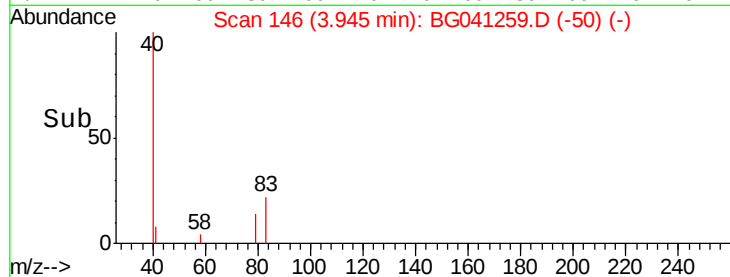
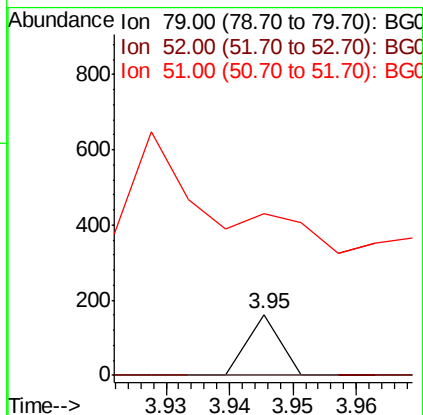
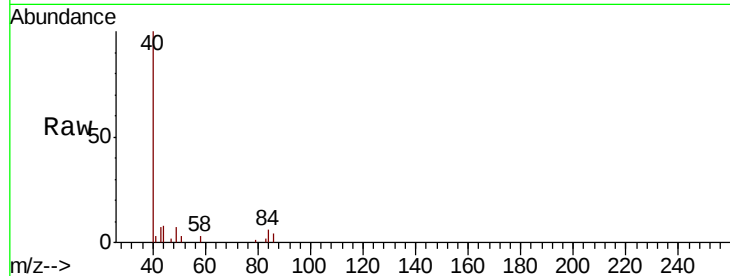
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 64.8 97.2#

51 263.2 35.3 52.9#



#4

n-Nitrosodimethylamine

Concen: 0.086 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

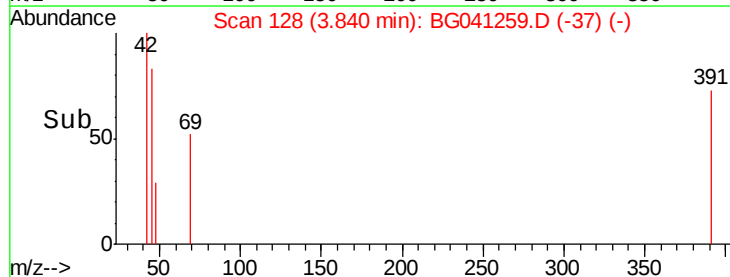
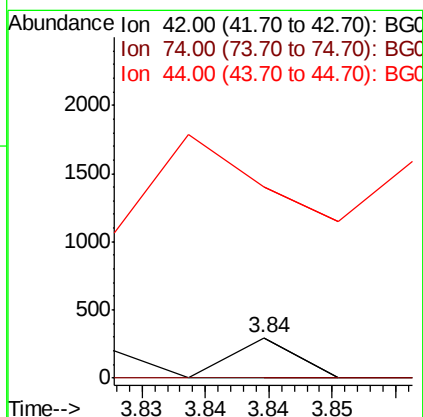
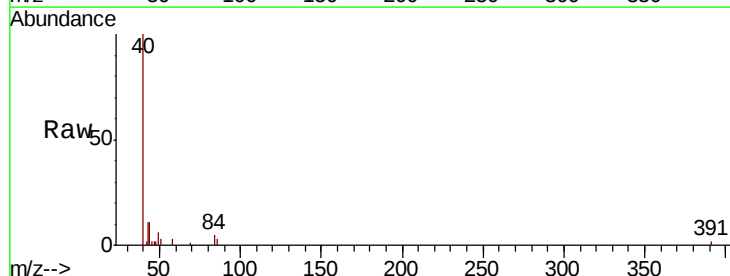
Tgt Ion: 42 Resp: 105

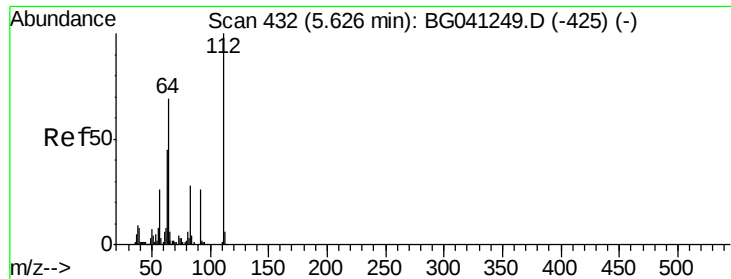
Ion Ratio Lower Upper

42 100

74 0.0 91.8 137.6#

44 471.8 6.0 9.0#





#5

2-Fluorophenol

Concen: 99.571 ng

RT: 5.63 min Scan# 432

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

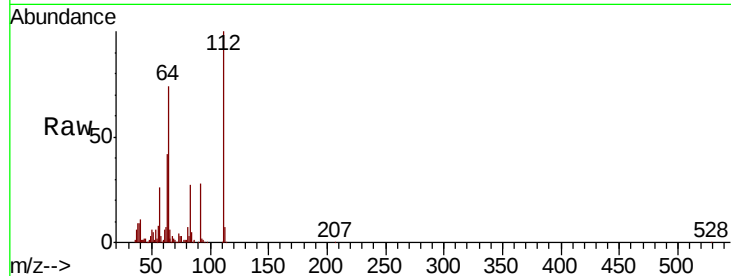
Tgt Ion: 112 Resp: 192466

Ion Ratio Lower Upper

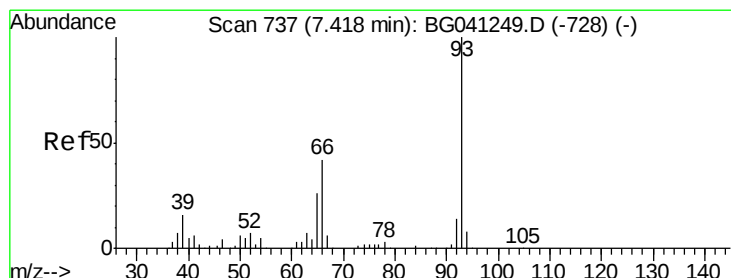
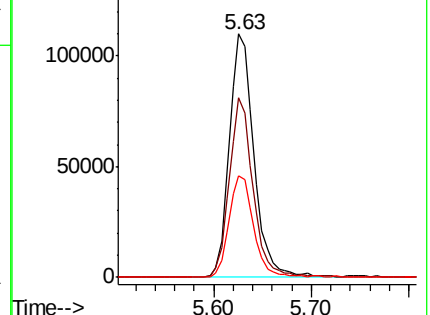
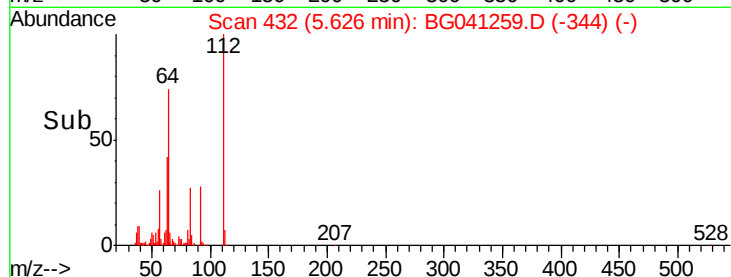
112 100

64 73.9 56.2 84.2

63 41.7 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: 0.140 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.19 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

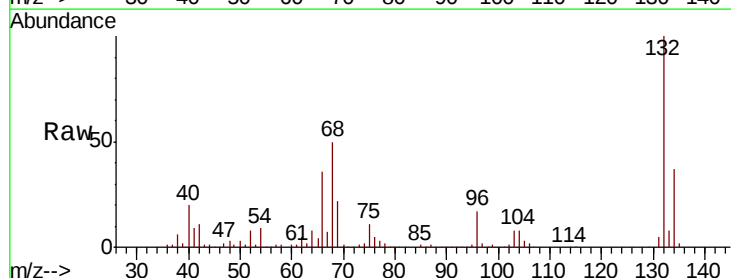
Tgt Ion: 93 Resp: 541

Ion Ratio Lower Upper

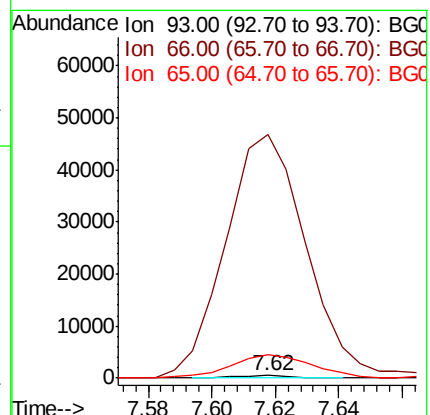
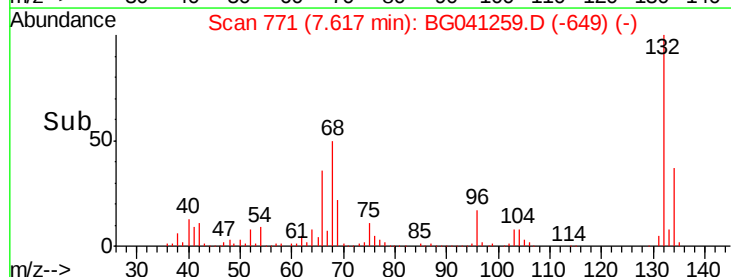
93 100

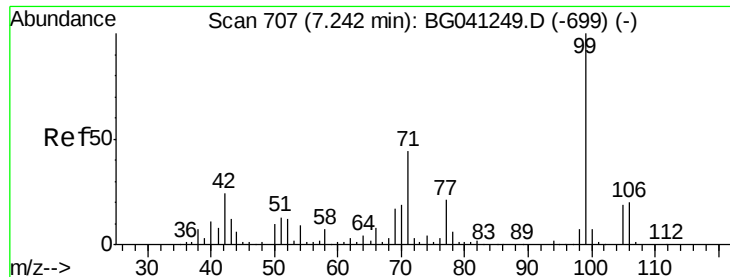
66 8587.2 33.8 50.8#

65 839.1 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: 111.528 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

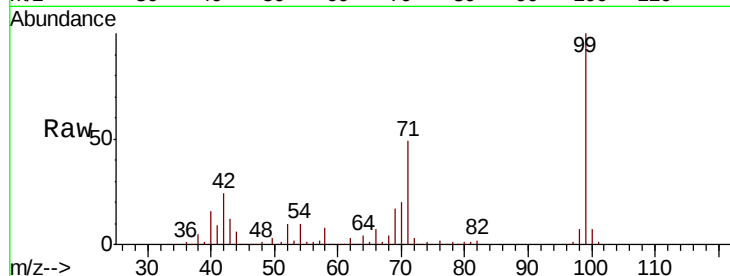
Tgt Ion: 99 Resp: 329564

Ion Ratio Lower Upper

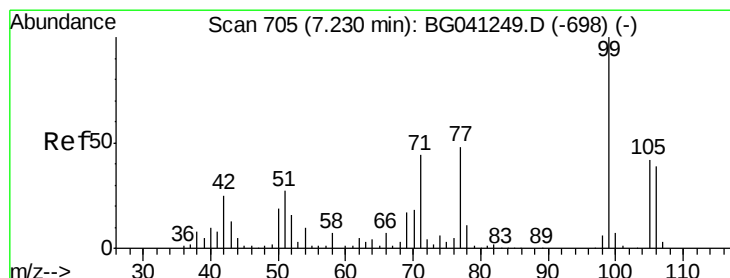
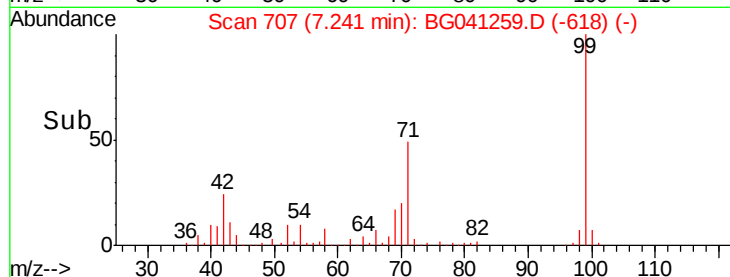
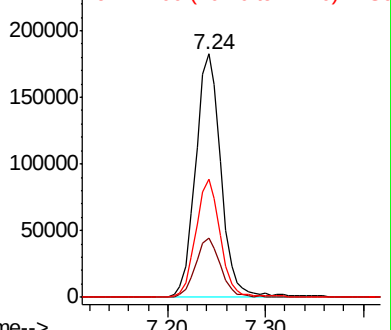
99 100

42 24.4 17.9 26.9

71 48.7 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



#9

Benzaldehyde

Concen: 0.313 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

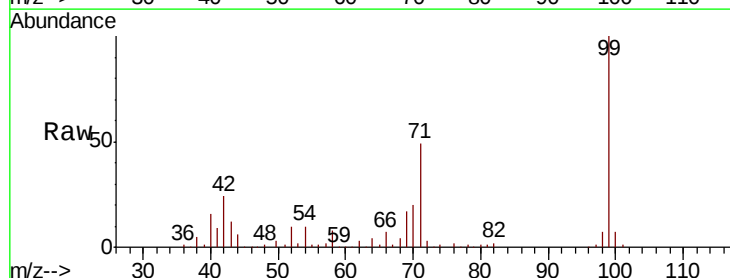
Tgt Ion: 77 Resp: 588

Ion Ratio Lower Upper

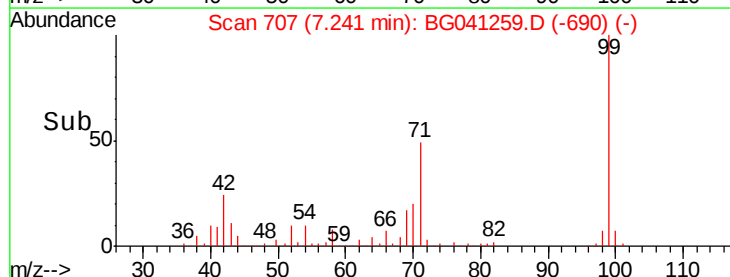
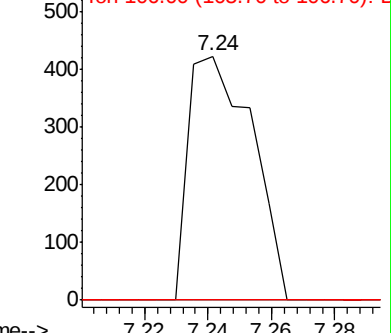
77 100

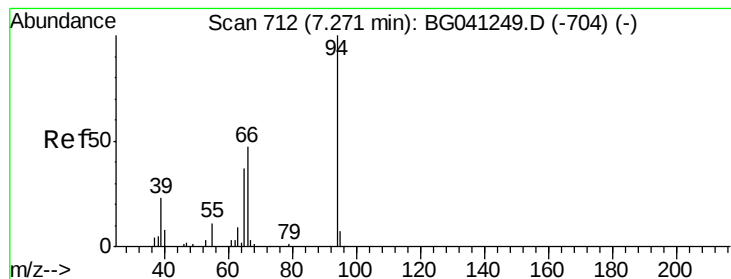
105 0.0 78.9 118.9#

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: 0.313 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

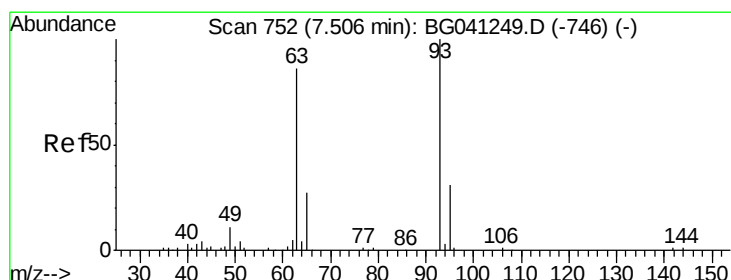
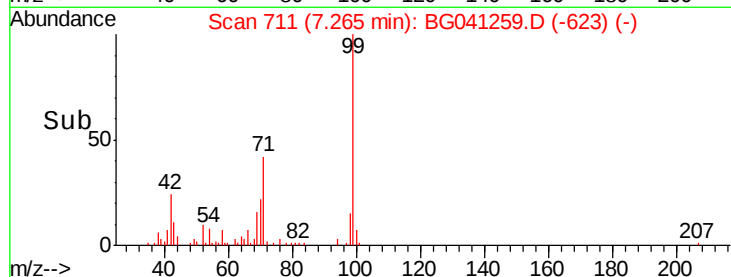
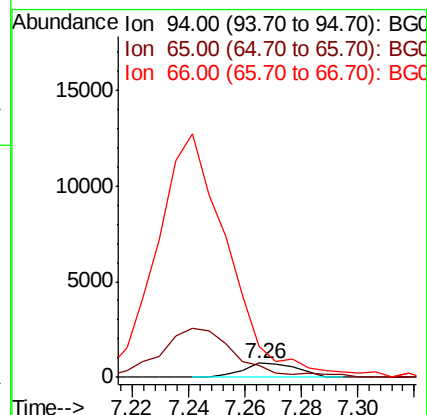
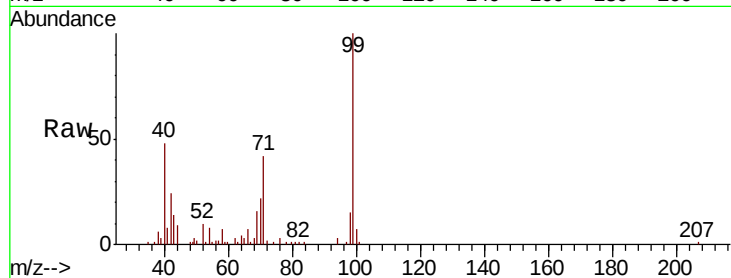
Tgt Ion: 94 Resp: 994

Ion Ratio Lower Upper

94 100

65 86.4 17.0 57.0#

66 219.4 32.4 72.4#



#11

bis(2-Chloroethyl)ether

Concen: 0.233 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.10 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

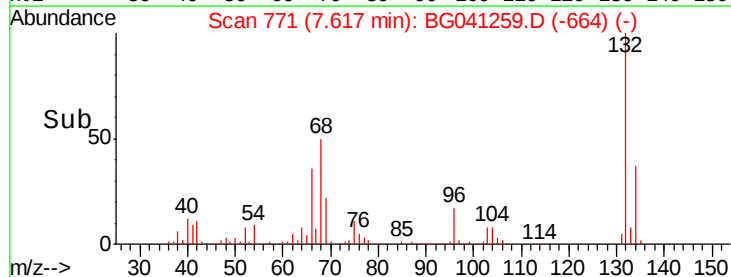
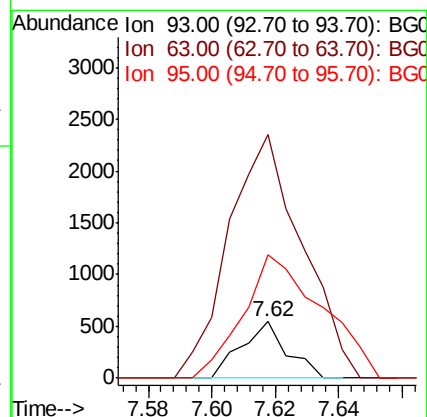
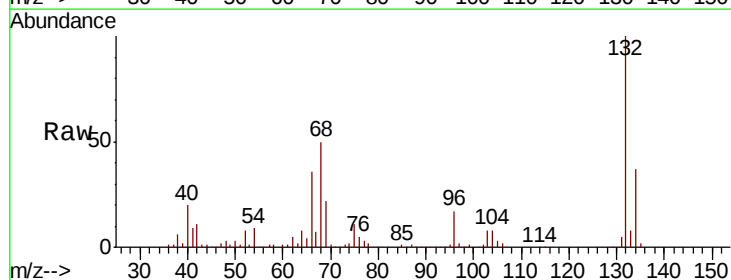
Tgt Ion: 93 Resp: 541

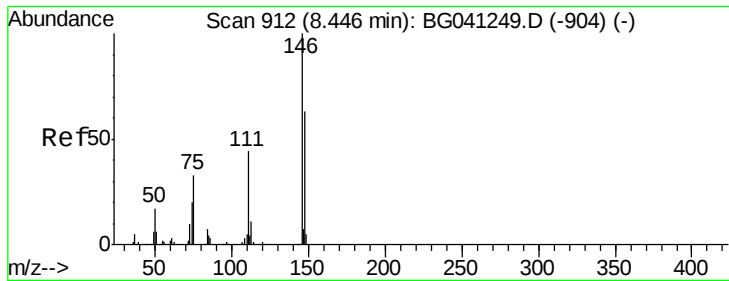
Ion Ratio Lower Upper

93 100

63 431.6 64.5 104.5#

95 217.8 13.3 53.3#





#14

1,2-Dichlorobenzene

Concen: 0.019 ng

RT: 8.66 min Scan# 948

Delta R.T. 0.19 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

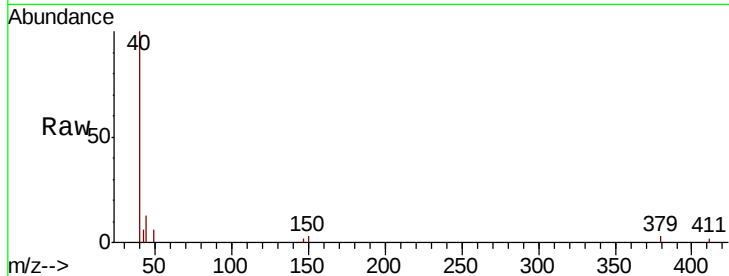
Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

Tgt Ion:	146	Resp:	54
Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.8	74.6#
111	0.0	35.0	52.4#

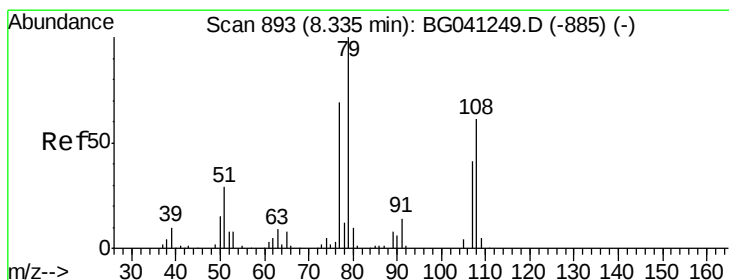
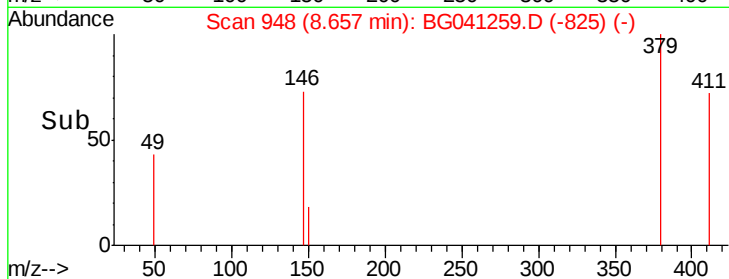
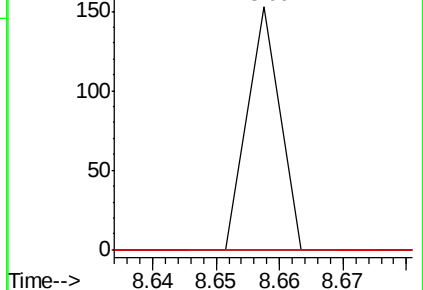


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.66



#15

Benzyl Alcohol

Concen: 1.638 ng

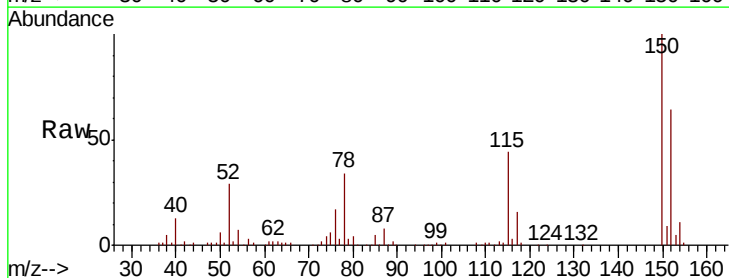
RT: 8.41 min Scan# 906

Delta R.T. 0.07 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Tgt Ion:	79	Resp:	4454
Ion	Ratio	Lower	Upper
79	100		
108	25.7	48.3	72.5#
77	98.5	52.3	78.5#

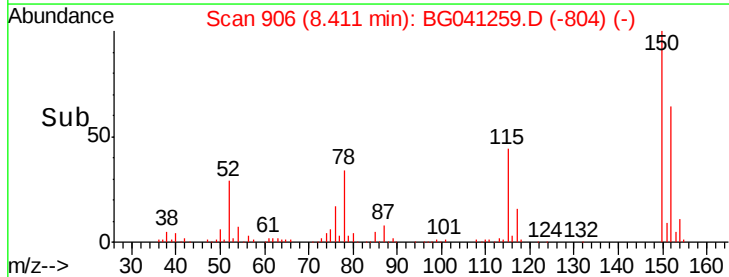
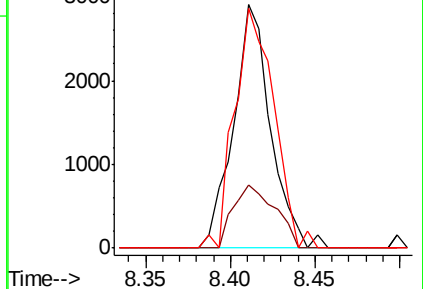


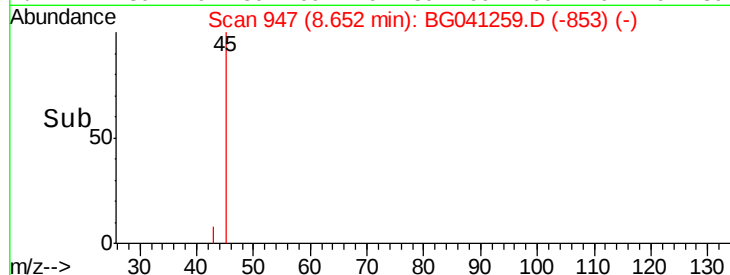
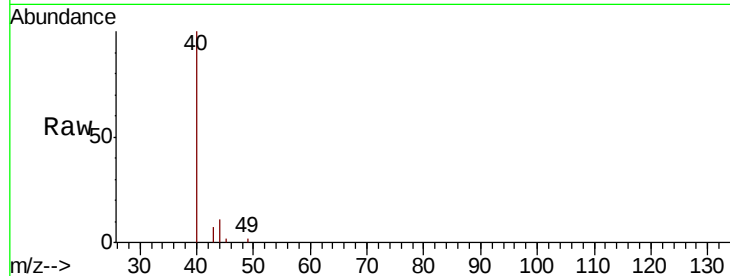
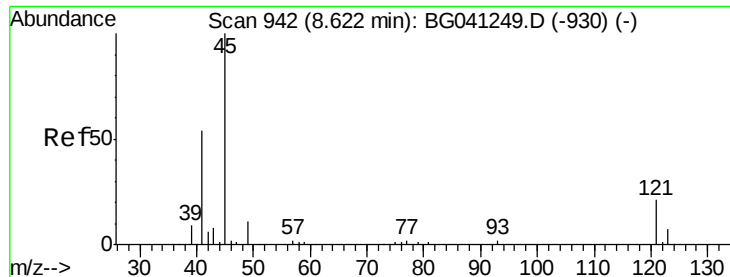
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

8.41

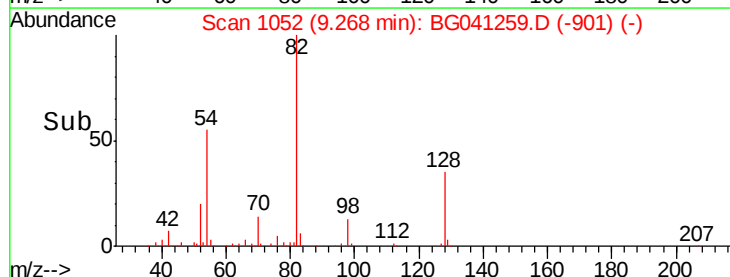
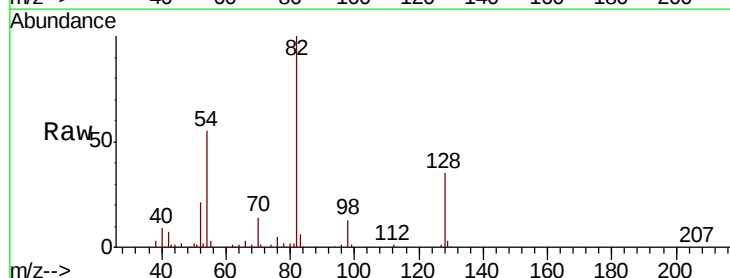
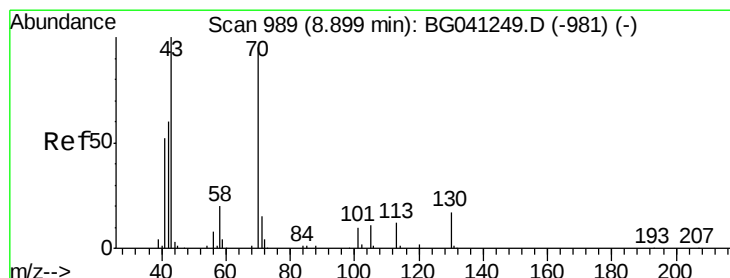
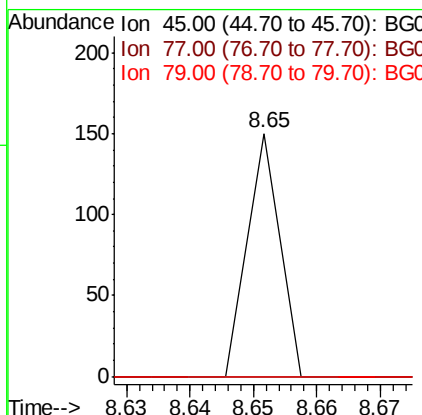




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.02 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

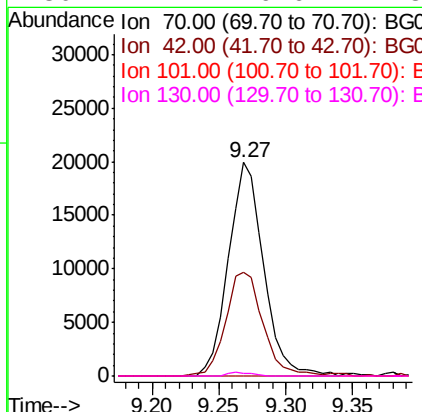
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

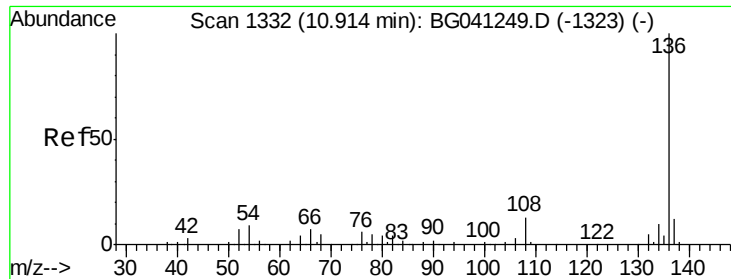
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.7
79	0.0	0.0	30.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.130 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.36 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.8	51.5	77.3#
101	0.0	8.1	12.1#
130	1.2	16.6	24.8#

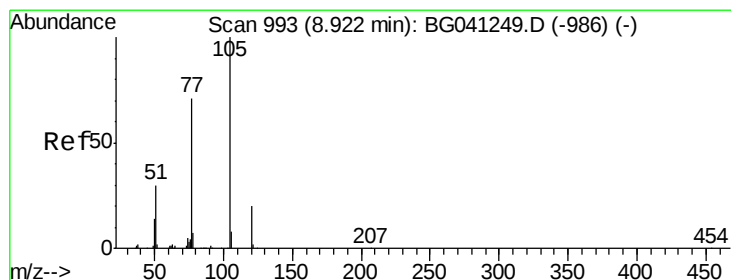
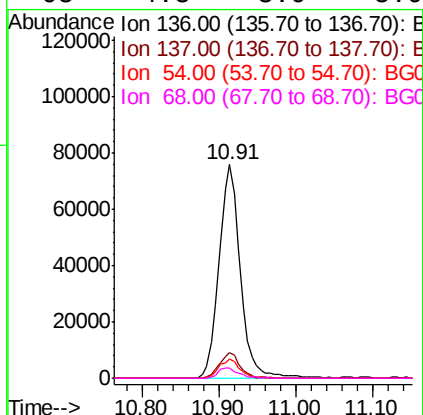
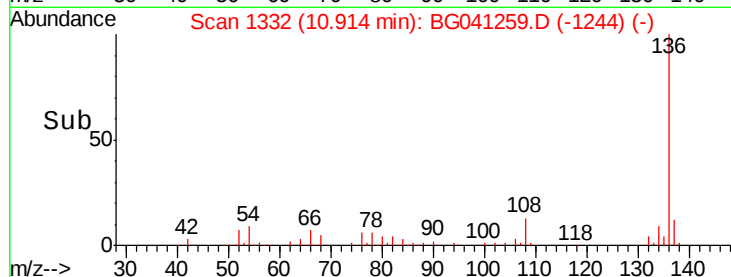
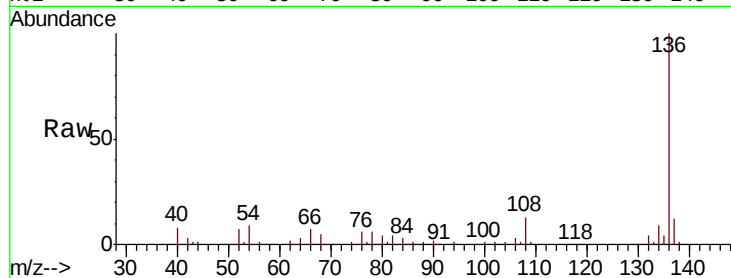




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

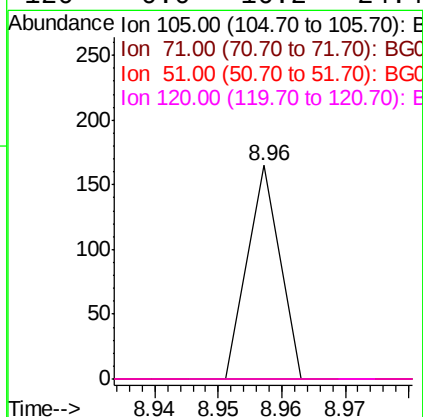
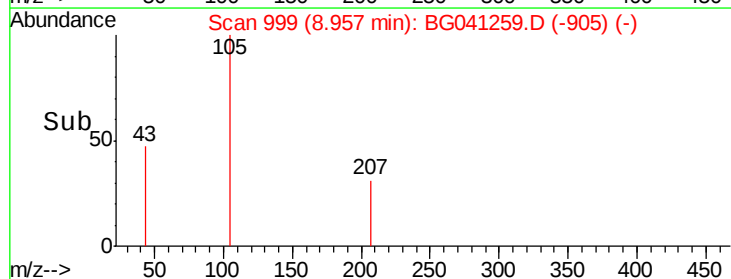
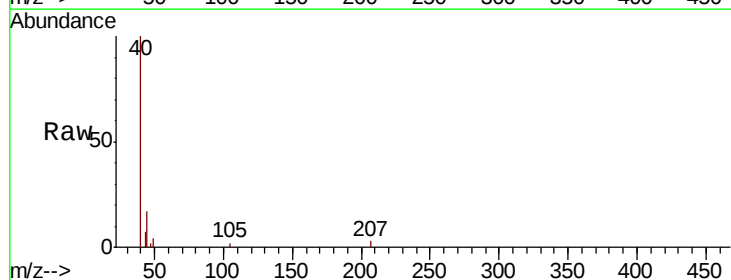
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

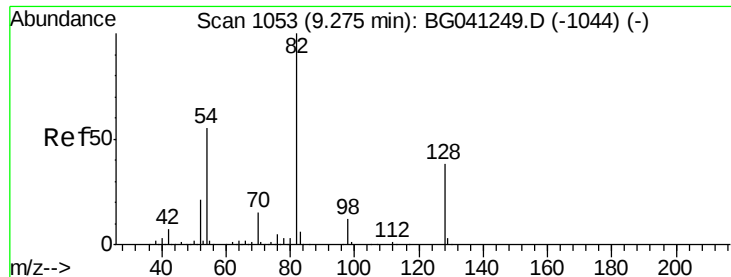
Tgt Ion:	136	Resp:	145427
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	8.9	7.6	11.4
68	4.8	3.9	5.9



#22
Acetophenone
Concen: 0.014 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion:	105	Resp:	58
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#

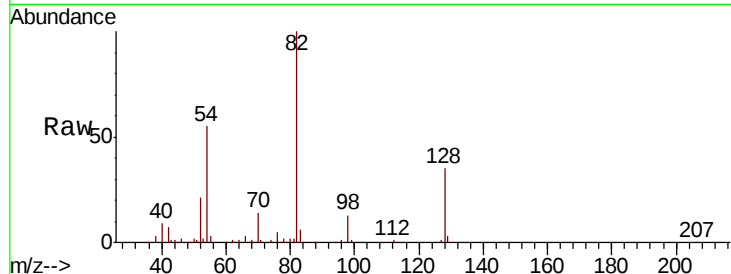




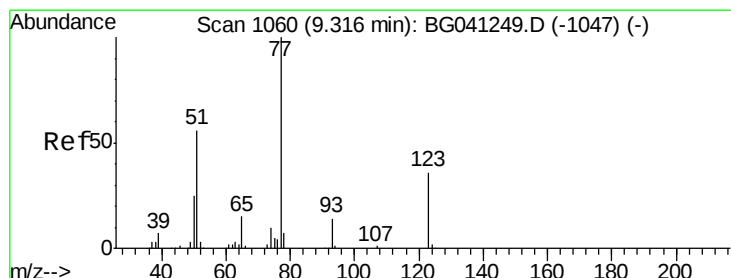
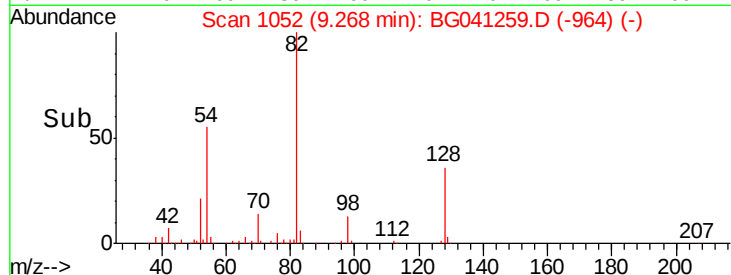
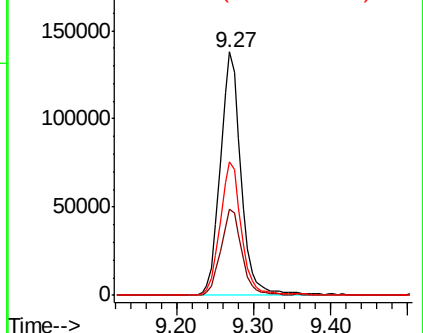
#23
 Nitrobenzene-d5
 Concen: 77.034 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.5	45.7
54	54.7	44.6	66.8

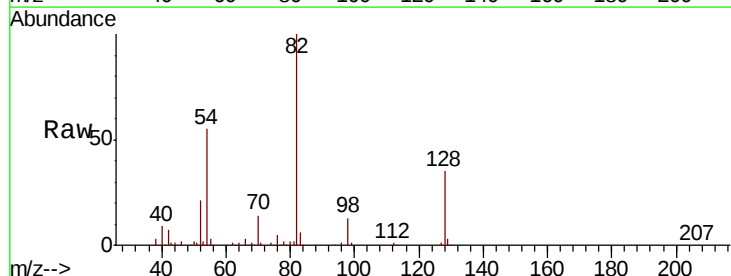


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

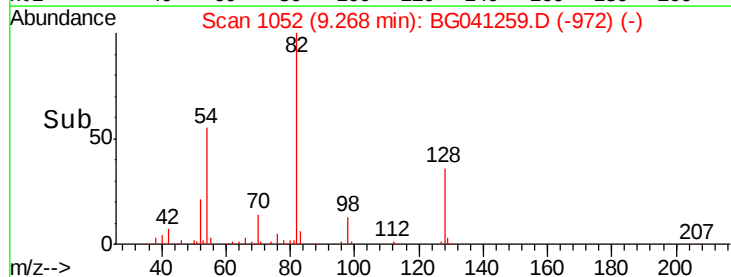
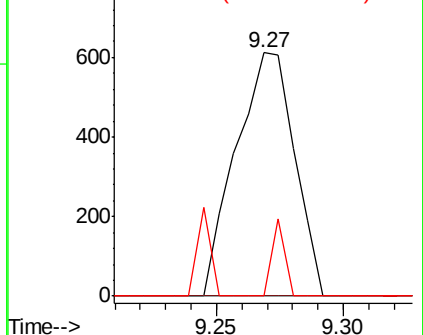


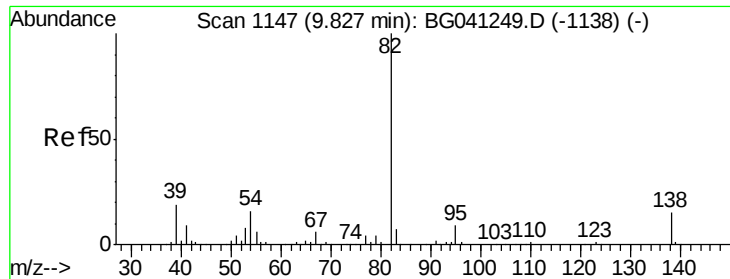
#24
 Nitrobenzene
 Concen: 0.294 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.06 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

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: 0.170 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

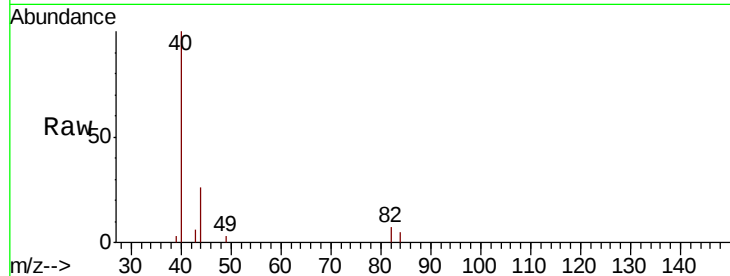
Tgt Ion: 82 Resp: 1002

Ion Ratio Lower Upper

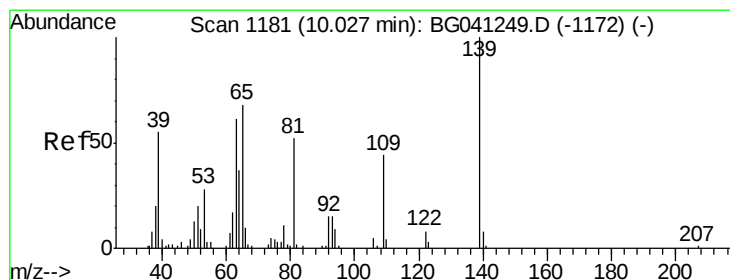
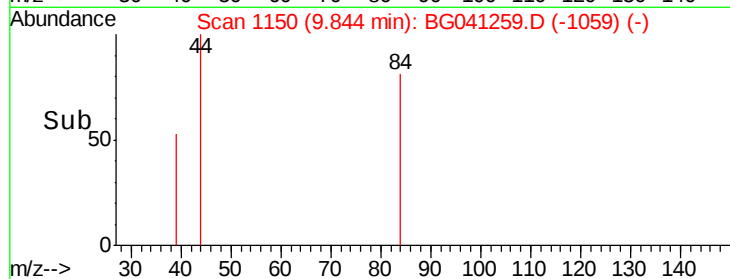
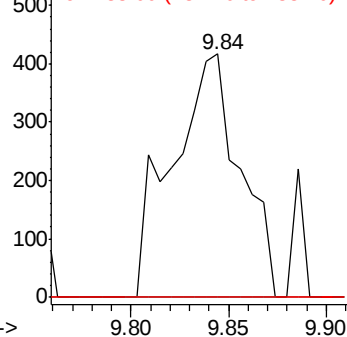
82 100

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



#26

2-Nitrophenol

Concen: 0.040 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.25 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

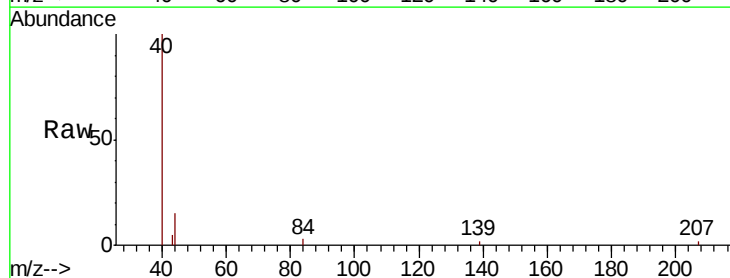
Tgt Ion: 139 Resp: 57

Ion Ratio Lower Upper

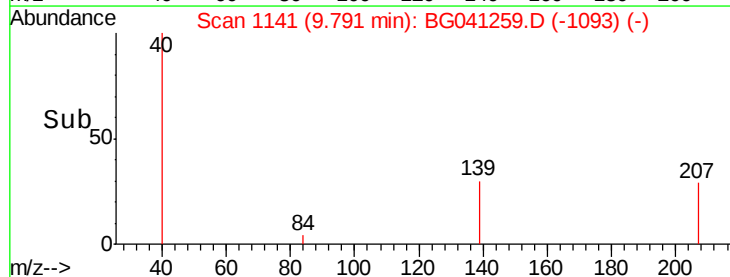
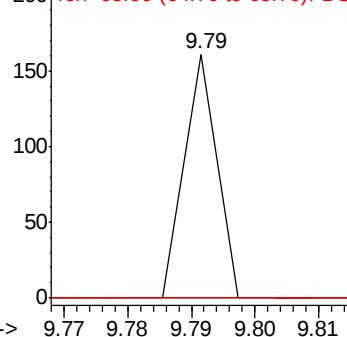
139 100

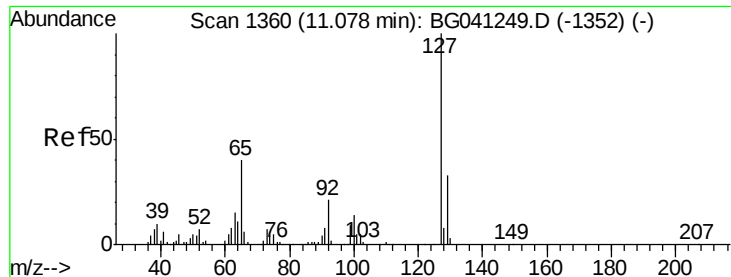
109 0.0 29.8 44.6#

65 0.0 47.8 71.6#



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

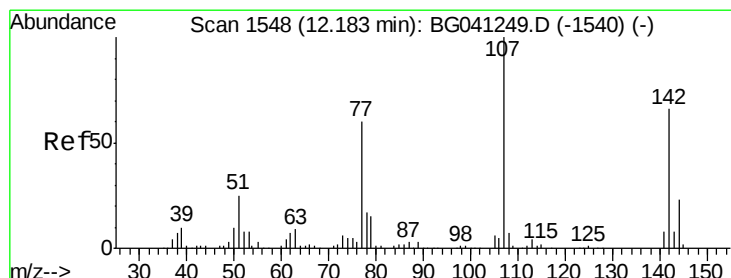
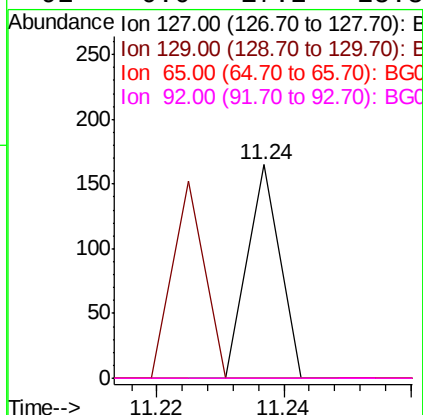
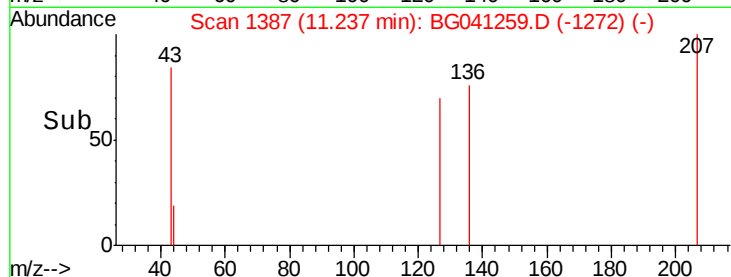
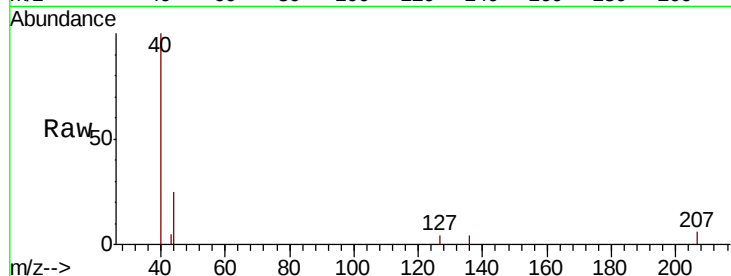




#33
4-Chloroaniline
Concen: 0.017 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.15 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

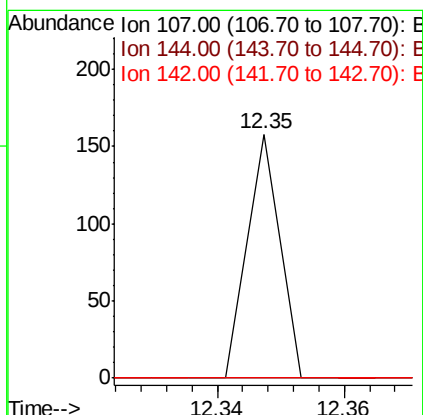
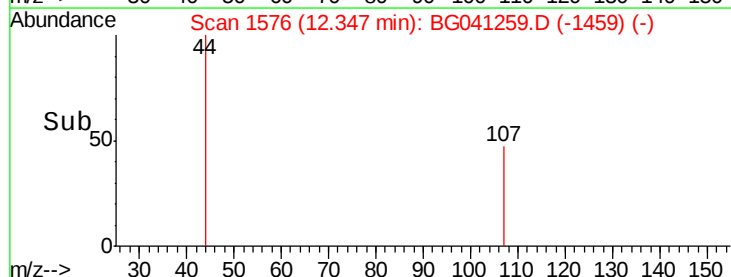
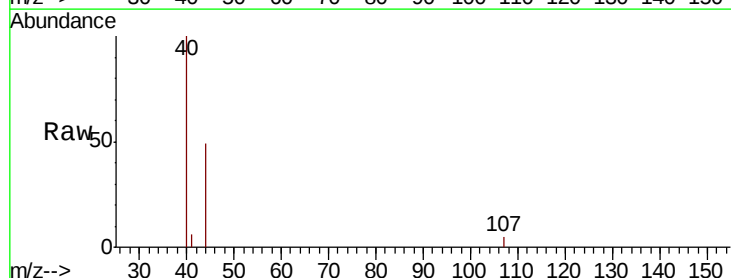
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

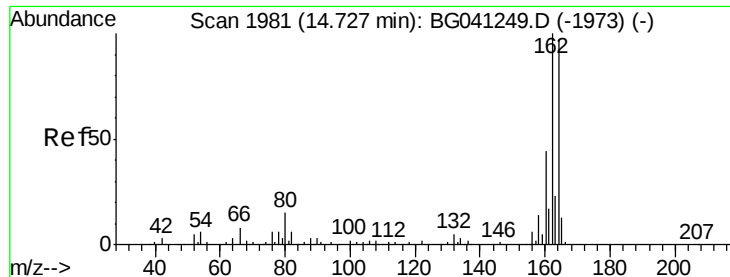
Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.7	41.5#
65	0.0	33.2	49.8#
92	0.0	17.2	25.8#



#36
4-Chloro-3-methylphenol
Concen: 0.019 ng
RT: 12.35 min Scan# 1576
Delta R.T. 0.16 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.4	29.0#
142	0.0	57.3	85.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

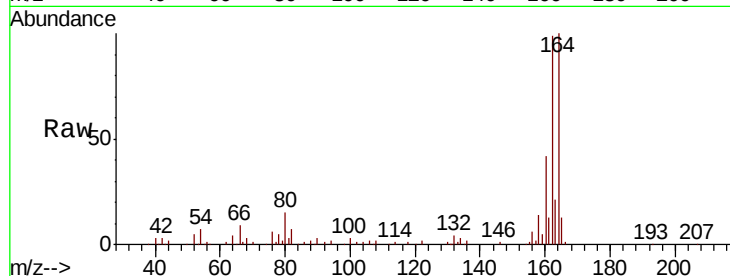
Tgt Ion:164 Resp: 106476

Ion Ratio Lower Upper

164 100

162 99.5 83.0 124.4

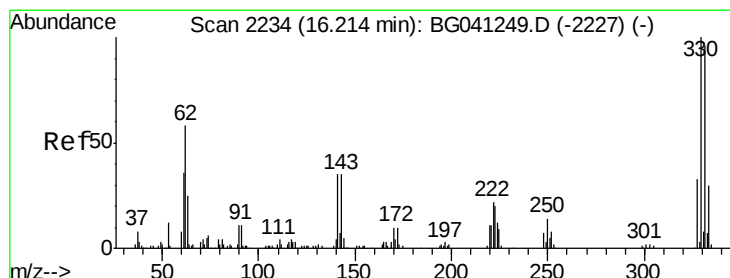
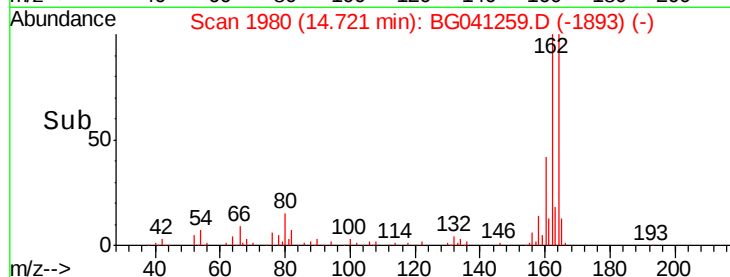
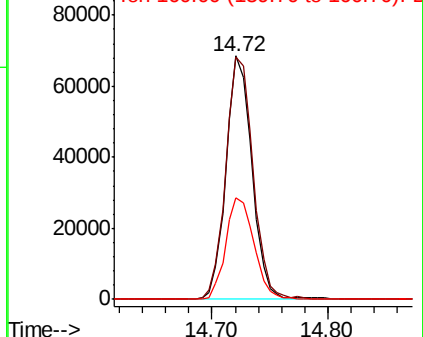
160 41.8 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 85.014 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

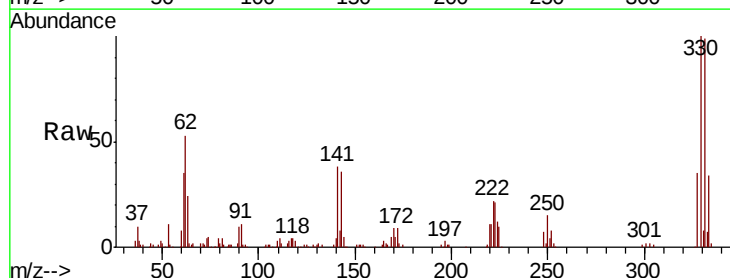
Tgt Ion:330 Resp: 125219

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

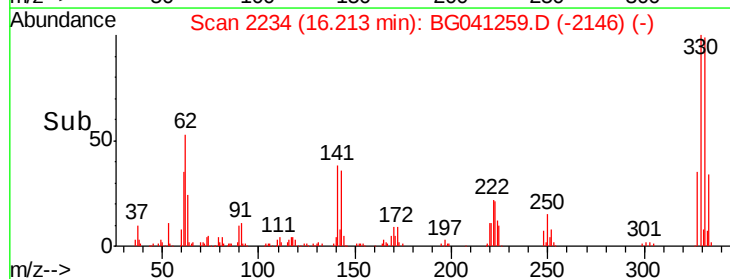
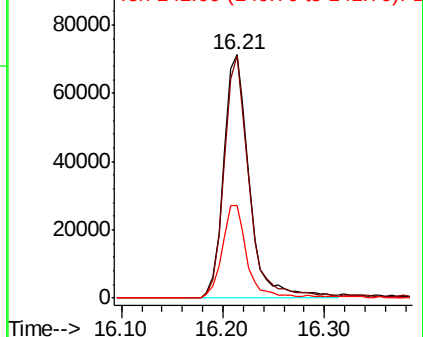
141 36.5 28.7 43.1

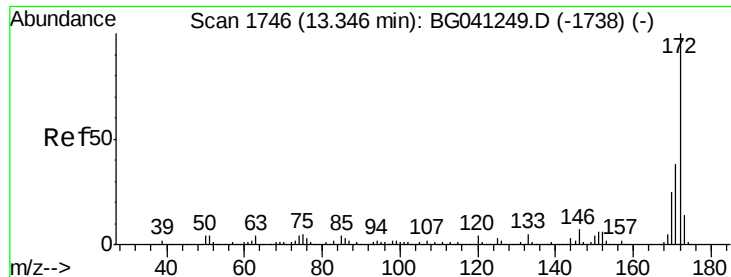


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

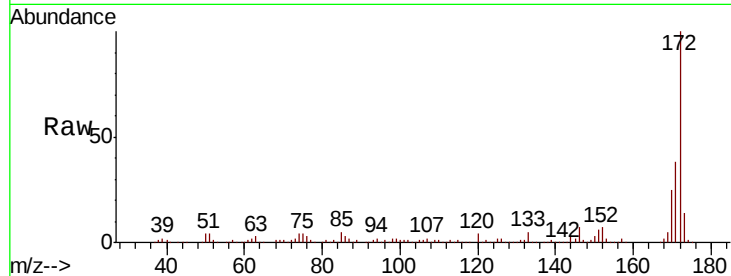




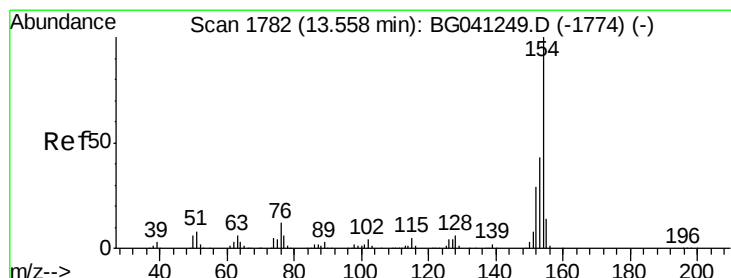
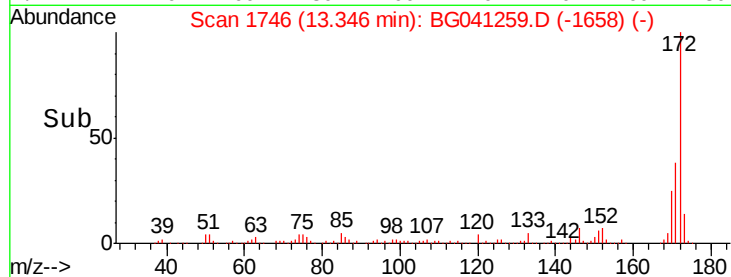
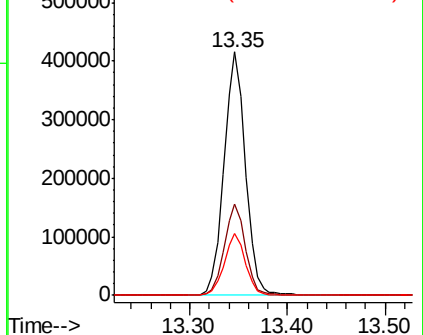
#45
 2-Fluorobiphenyl
 Concen: 78.513 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tgt Ion:172 Resp: 631571
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.1 46.7
 170 25.4 20.5 30.7

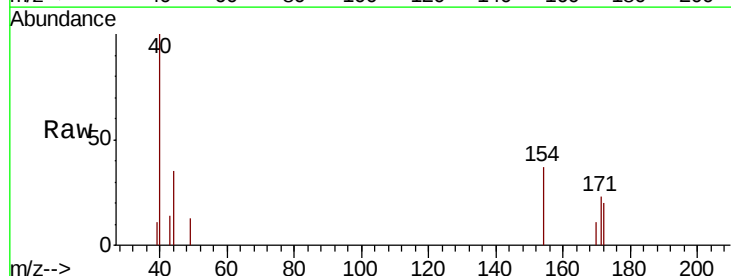


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

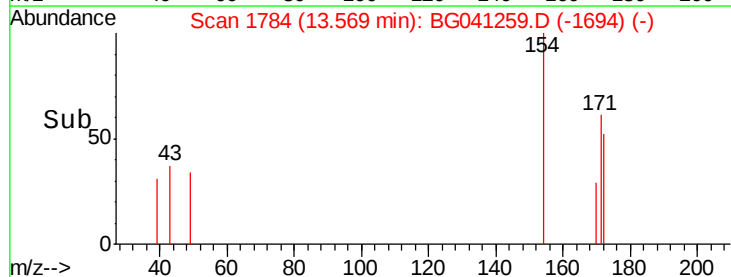
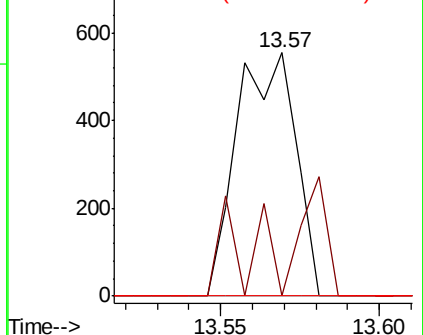


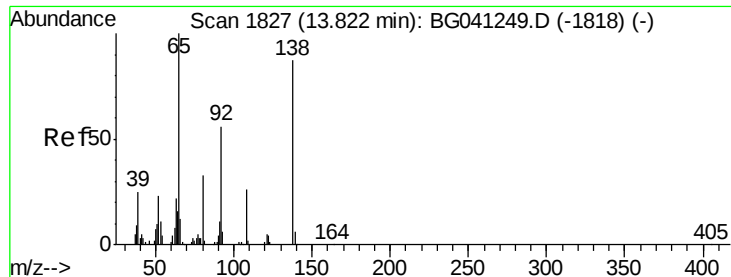
#46
 1,1'-Biphenyl
 Concen: 0.086 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Tgt Ion:154 Resp: 712
 Ion Ratio Lower Upper
 154 100
 153 0.0 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): BGC





#48

2-Nitroaniline

Concen: 0.547 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.34 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

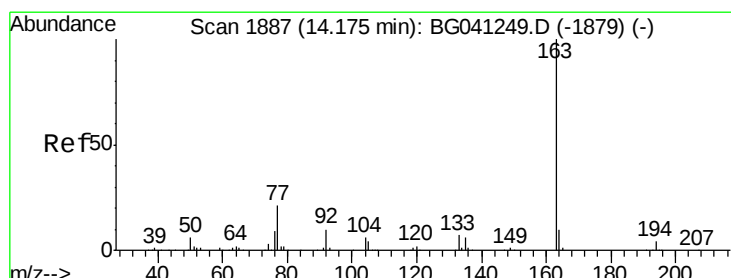
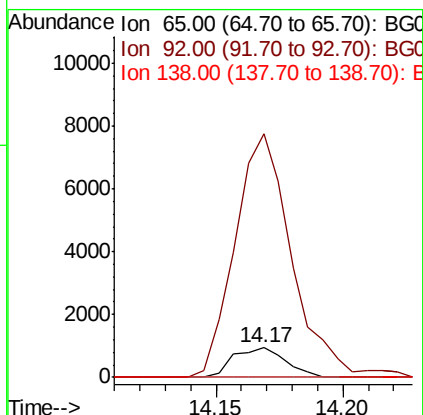
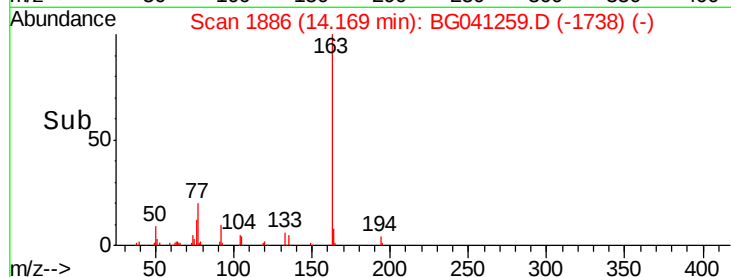
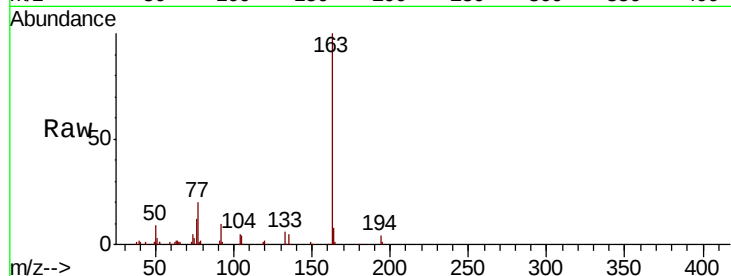
Tgt Ion: 65 Resp: 1359

Ion Ratio Lower Upper

65 100

92 826.5 51.0 76.6#

138 0.0 71.2 106.8#



#50

Dimethylphthalate

Concen: 12.576 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

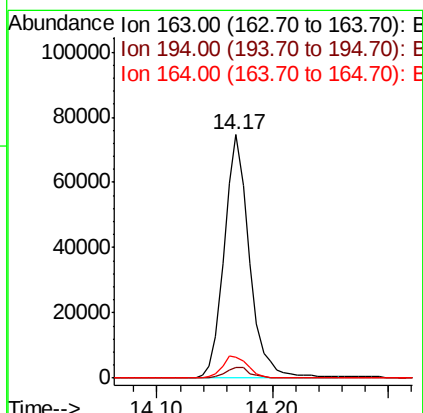
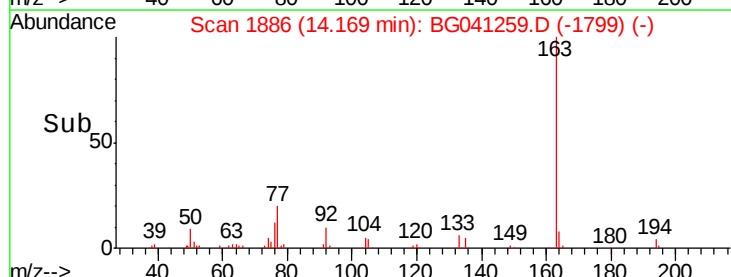
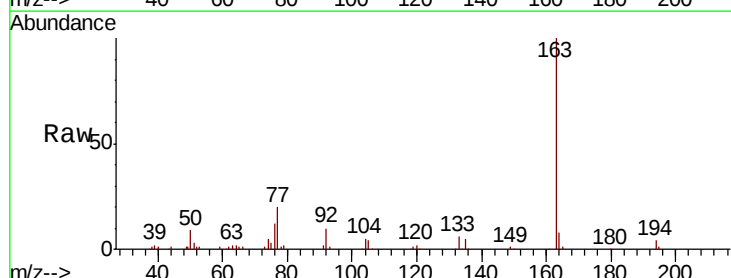
Tgt Ion: 163 Resp: 112862

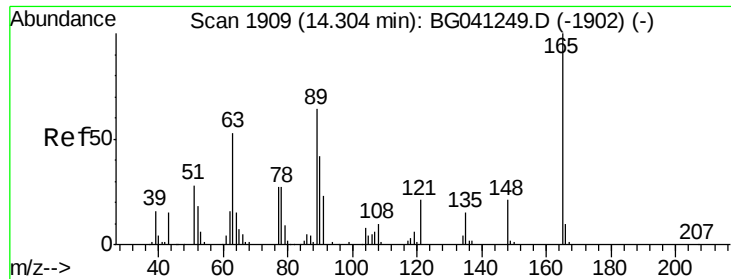
Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.8

164 8.4 8.7 13.1#





#51

2,6-Dinitrotoluene

Concen: 0.588 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.15 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

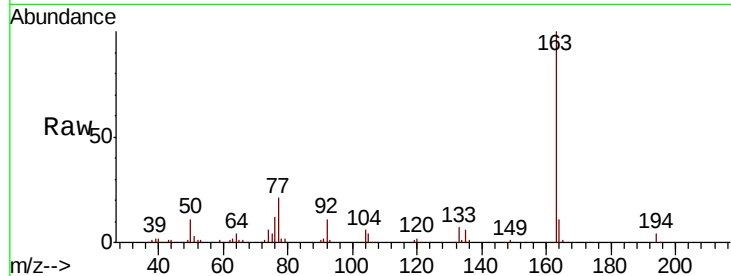
Tgt Ion:165 Resp: 1132

Ion Ratio Lower Upper

165 100

63 175.1 53.6 80.4#

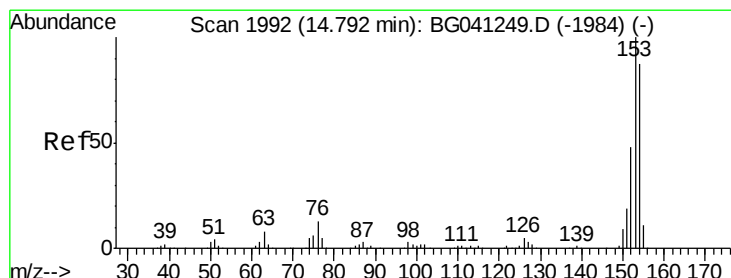
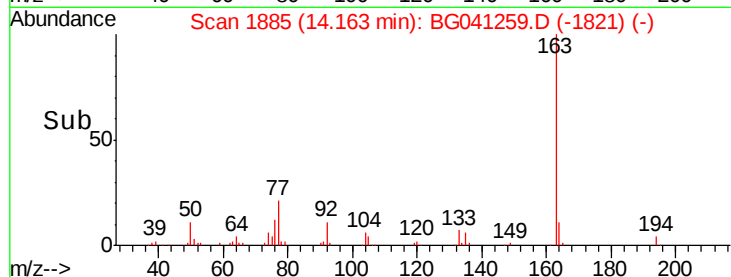
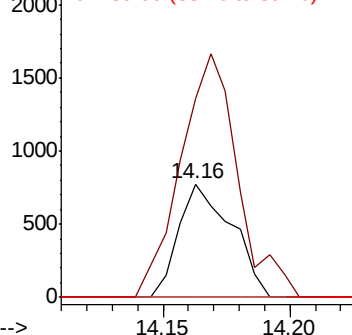
89 0.0 50.4 75.6#



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: 0.057 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.07 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

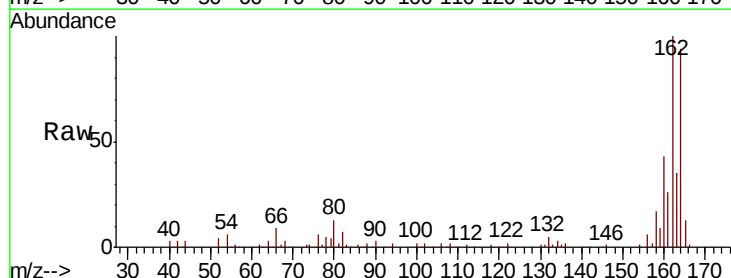
Tgt Ion:154 Resp: 355

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

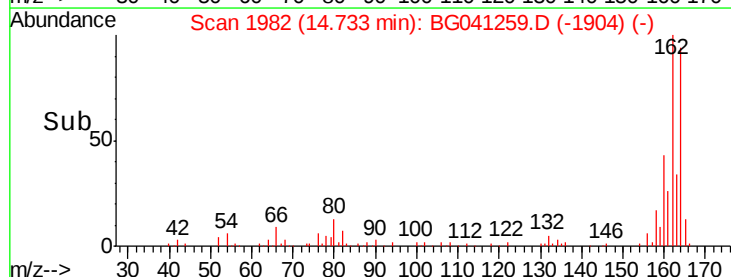
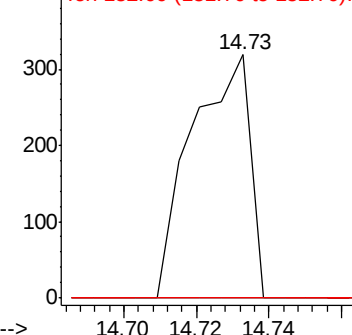
152 0.0 44.2 66.4#

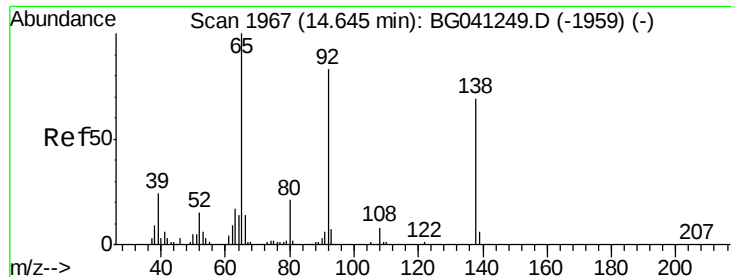


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

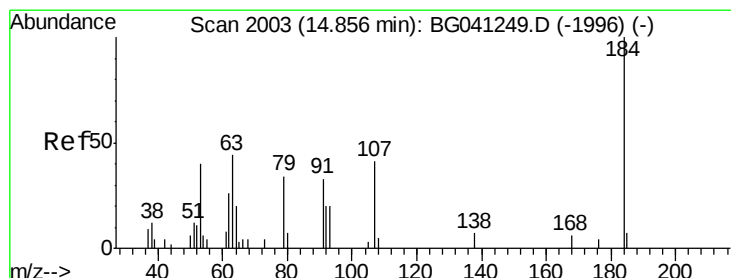
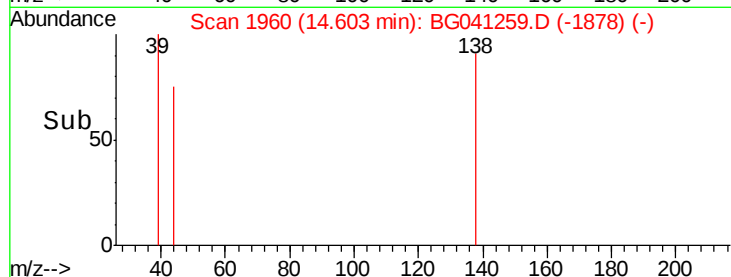
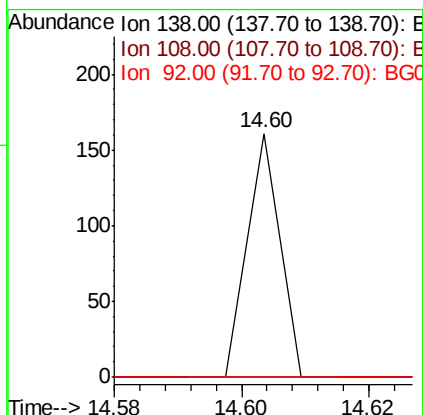
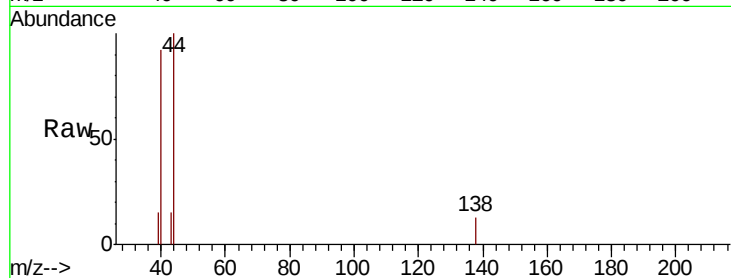




#53
3-Nitroaniline
Concen: 0.031 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.05 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

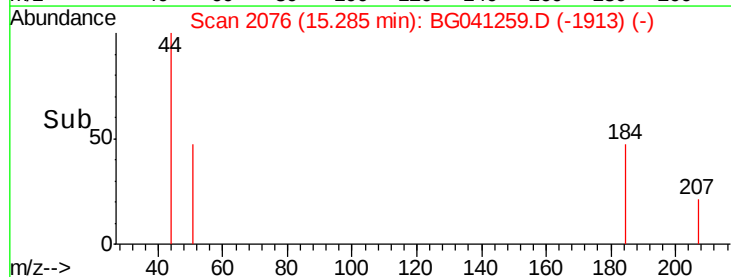
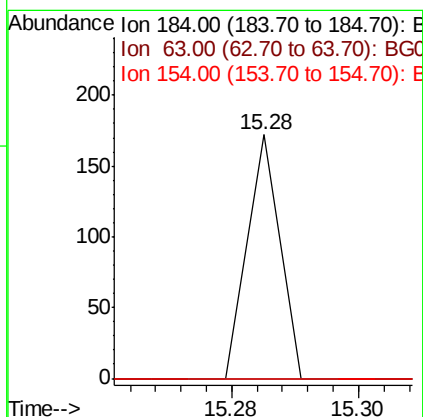
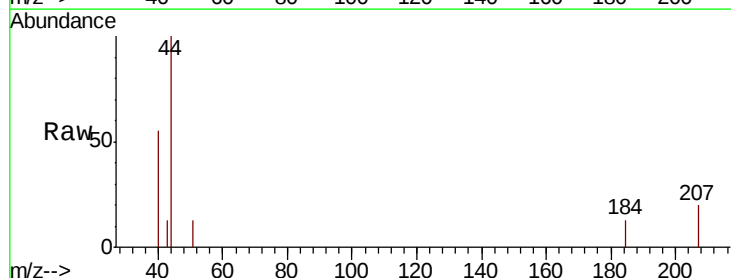
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

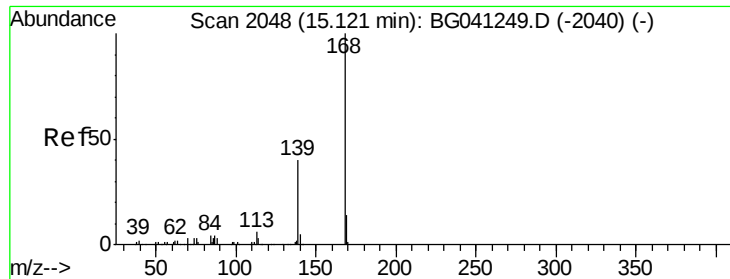
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 0.0 99.0 148.6#



#54
2,4-Dinitrophenol
Concen: 10.689 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.43 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 49.8 74.6#
154 0.0 52.2 78.4#





#55

Dibenzofuran

Concen: 0.007 ng

RT: 15.48 min Scan# 2109

Delta R.T. 0.35 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampled :

CONCRETE-2

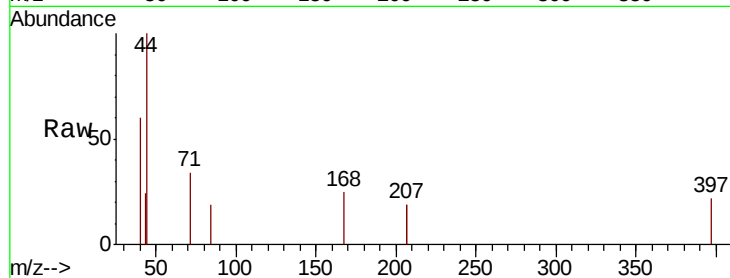
Tgt Ion:168 Resp: 74

Ion Ratio Lower Upper

168 100

139 0.0 32.8 49.2#

169 0.0 11.3 16.9#



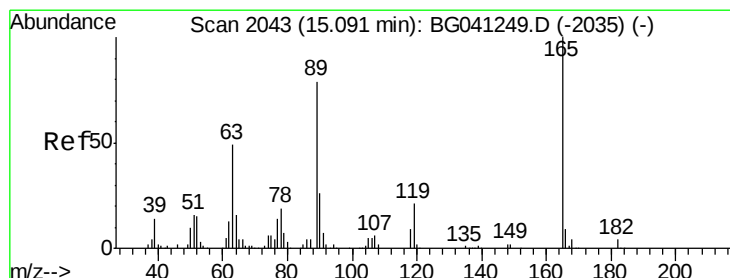
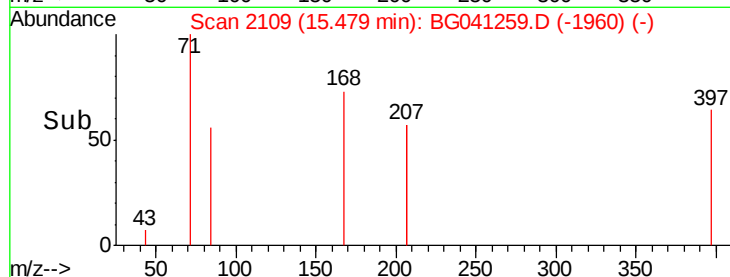
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.48

Time-->



#57

2,4-Dinitrotoluene

Concen: 5.188 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.38 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Tgt Ion:165 Resp: 13857

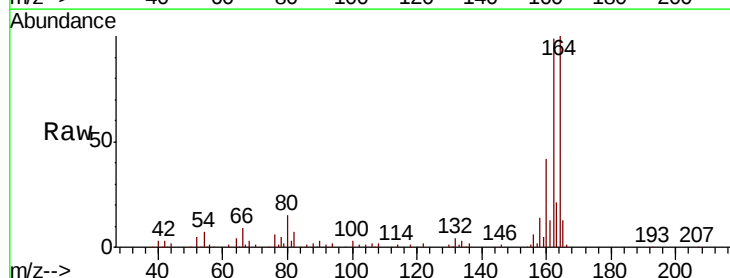
Ion Ratio Lower Upper

165 100

63 0.0 37.3 55.9#

89 2.1 61.0 91.6#

182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

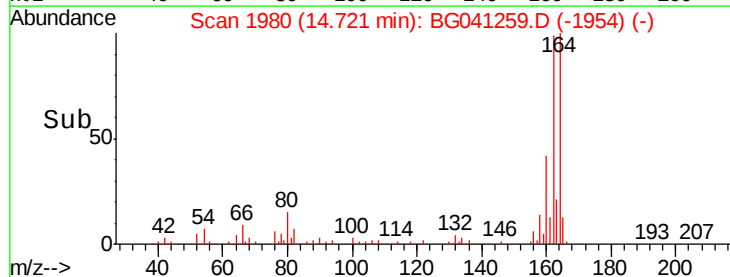
Ion 63.00 (62.70 to 63.70): BGC

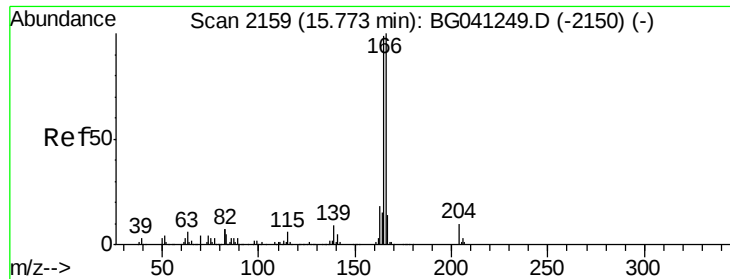
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

14.72

Time-->





#58

Fluorene

Concen: 0.398 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.43 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

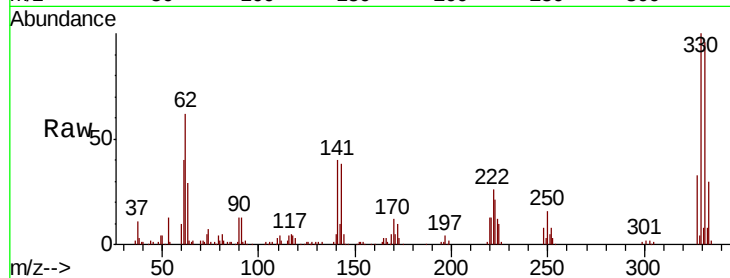
Tgt Ion:166 Resp: 3227

Ion Ratio Lower Upper

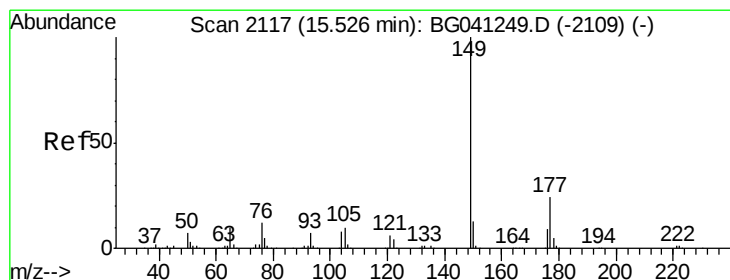
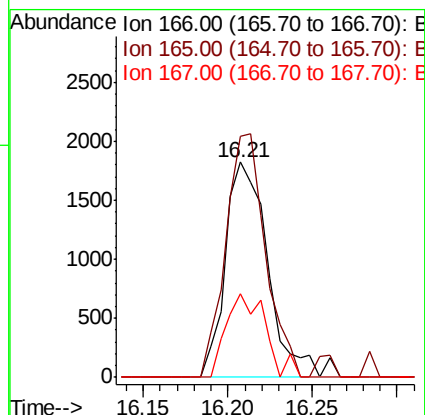
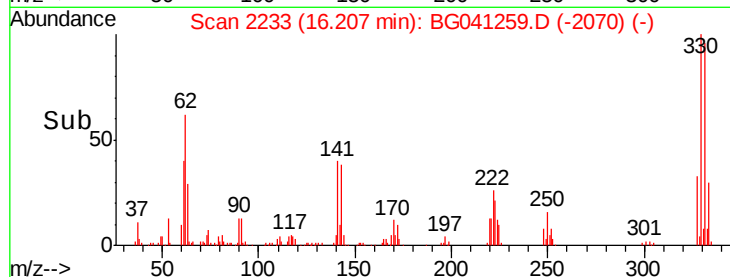
166 100

165 111.7 79.2 118.8

167 38.7 11.8 17.6#



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



#60

Diethylphthalate

Concen: 0.007 ng

RT: 15.53 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

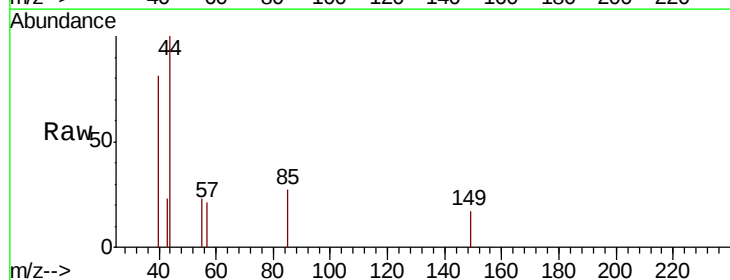
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

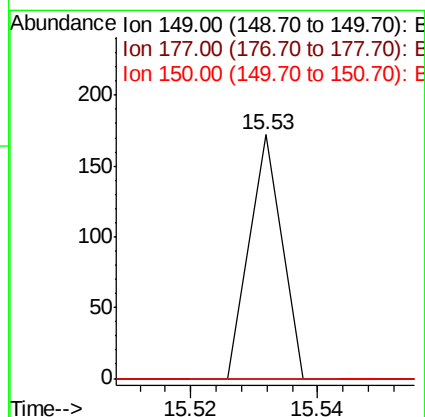
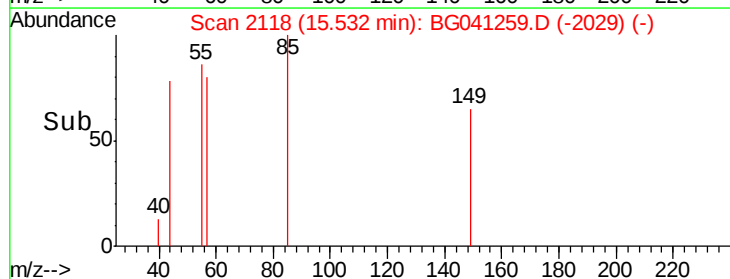
149 100

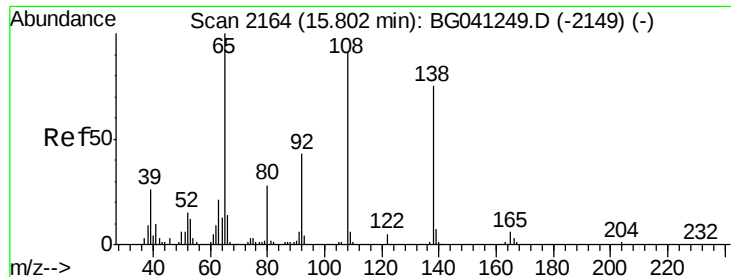
177 0.0 19.4 29.0#

150 0.0 10.3 15.5#



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





#62

4-Nitroaniline

Concen: 4.688 ng

RT: 15.52 min Scan# 2116

Delta R.T. -0.29 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

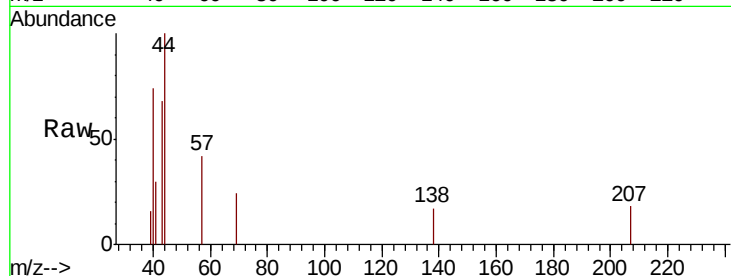
Tgt Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

92 0.0 42.4 82.4#

108 0.0 96.9 136.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

15.52

200

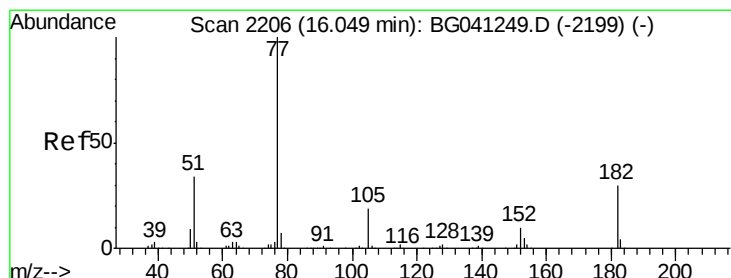
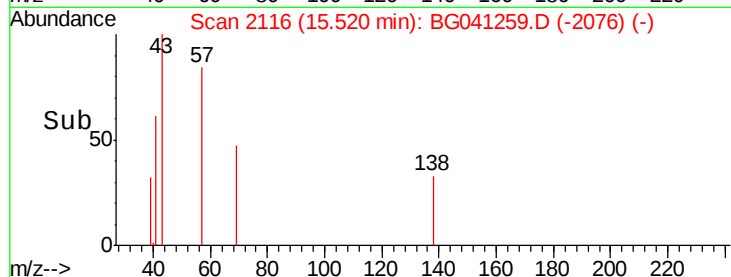
150

100

50

0

Time-->



#63

Azobenzene

Concen: 0.007 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.06 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Tgt Ion: 77 Resp: 59

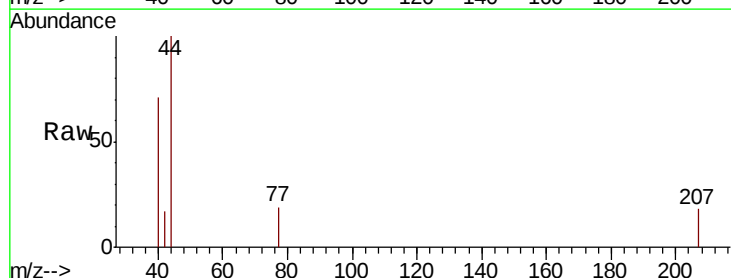
Ion Ratio Lower Upper

77 100

182 0.0 9.6 49.6#

105 0.0 0.0 37.5

51 0.0 13.7 53.7#



Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

16.00

250

200

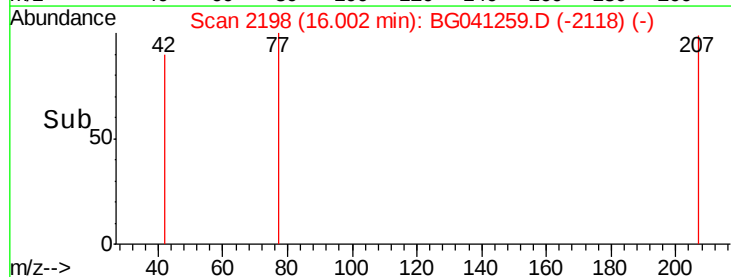
150

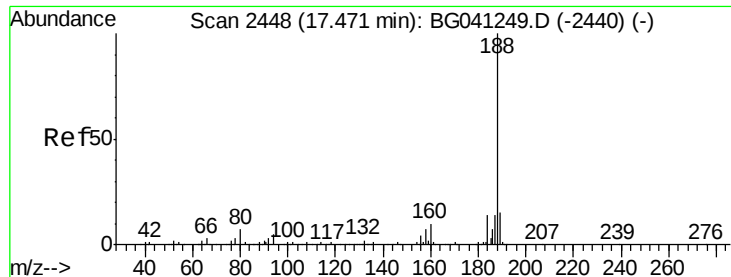
100

50

0

Time-->

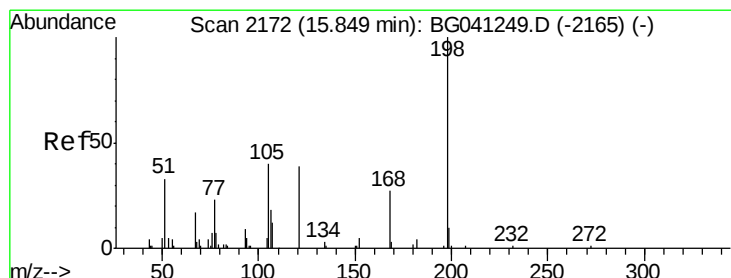
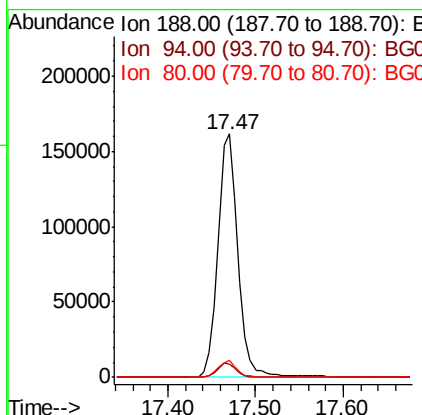
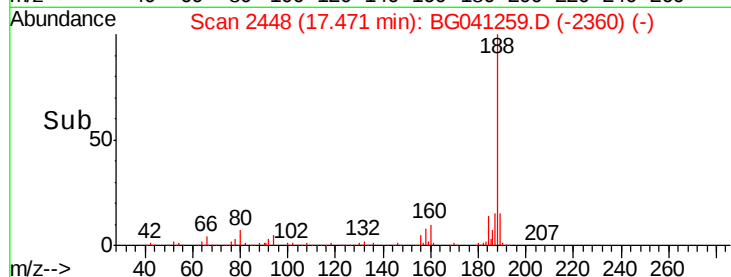
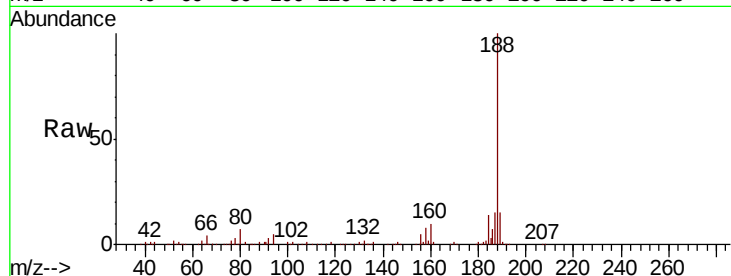




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

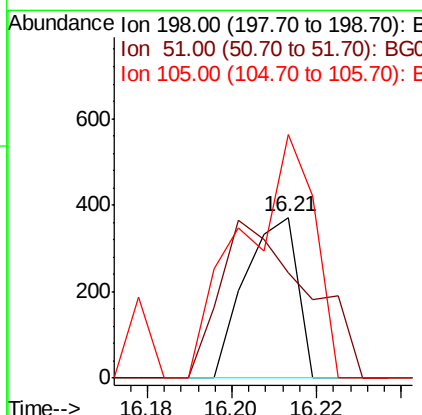
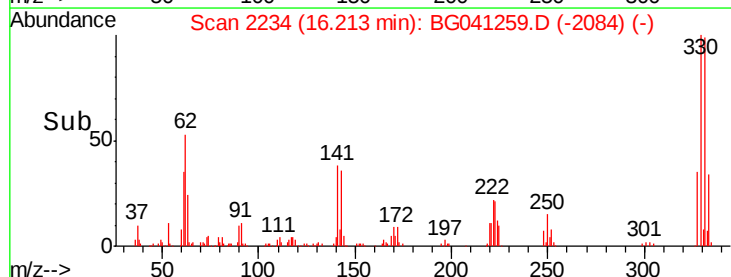
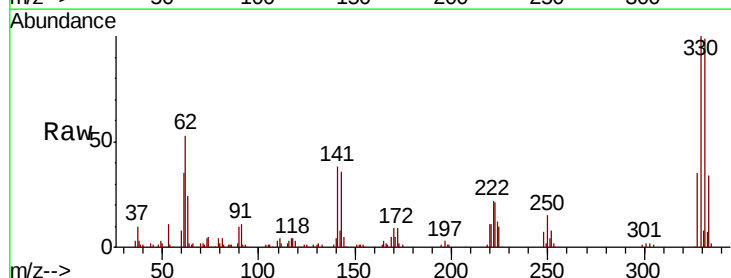
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

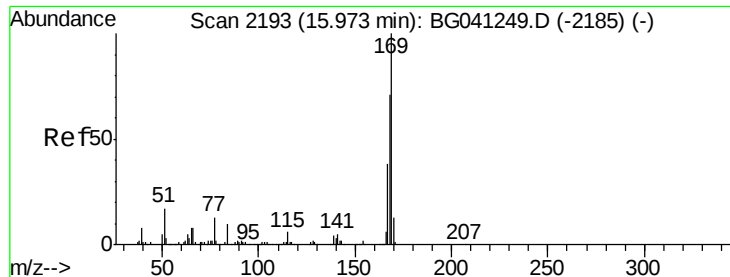
Tgt Ion:188 Resp: 257171
Ion Ratio Lower Upper
188 100
94 5.2 4.7 7.1
80 6.9 5.8 8.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.931 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.35 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion:198 Resp: 319
Ion Ratio Lower Upper
198 100
51 65.6 21.6 61.6#
105 151.3 17.5 57.5#

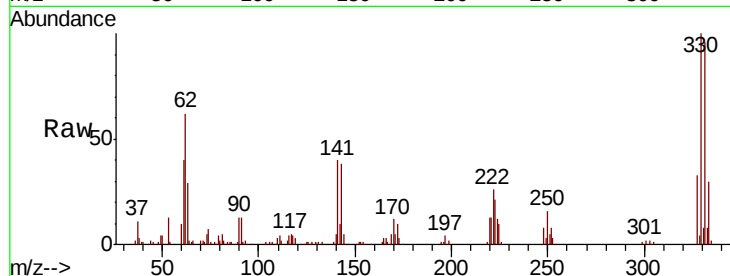




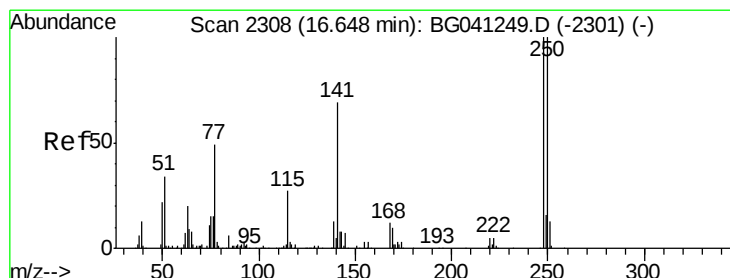
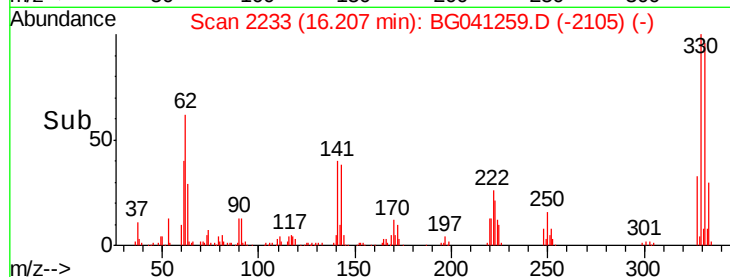
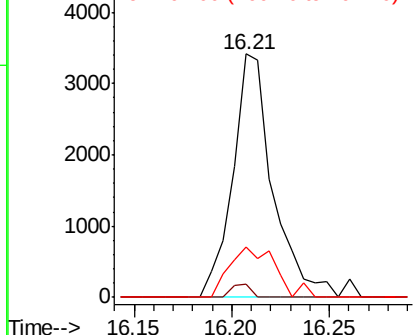
#66
 n-Nitrosodiphenylamine
 Concen: 0.678 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.22 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tgt Ion:169 Resp: 4852
 Ion Ratio Lower Upper
 169 100
 168 5.3 55.7 83.5#
 167 20.7 30.2 45.2#

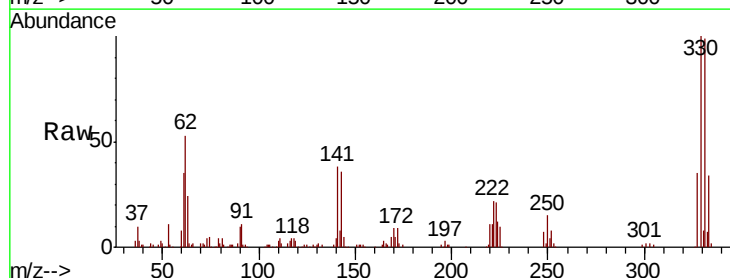


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

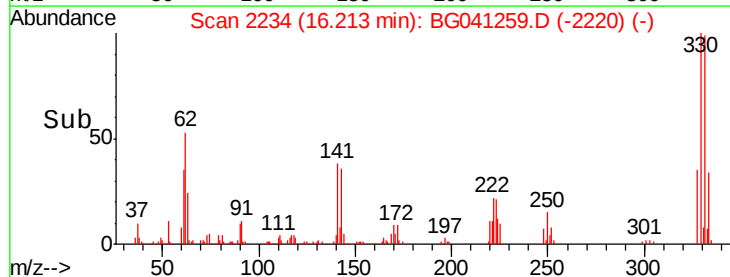
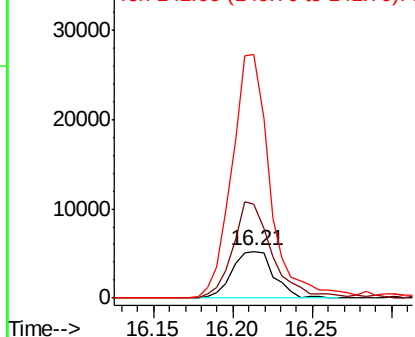


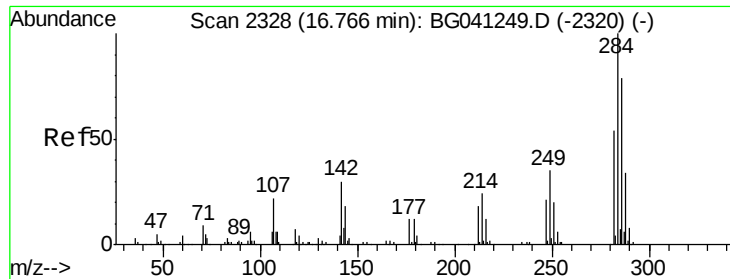
#67
 4-Bromophenyl-phenylether
 Concen: 2.796 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.45 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Tgt Ion:248 Resp: 9525
 Ion Ratio Lower Upper
 248 100
 250 201.5 75.0 112.4#
 141 519.8 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

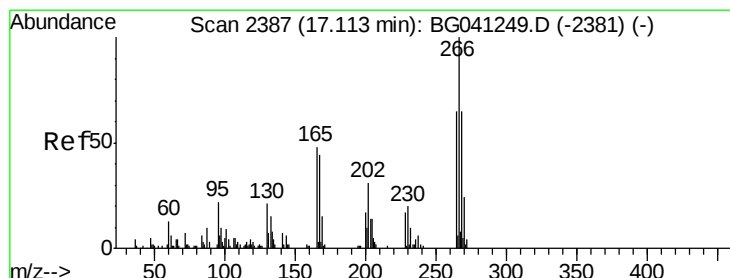
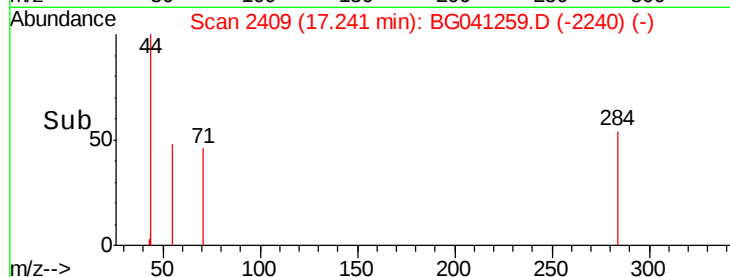
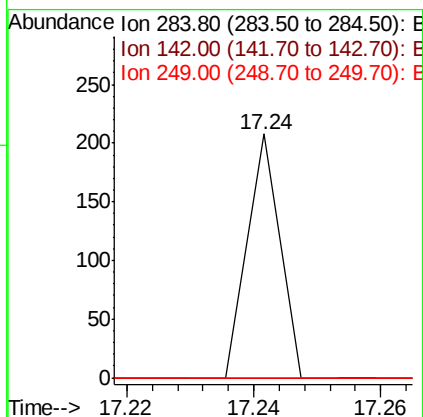
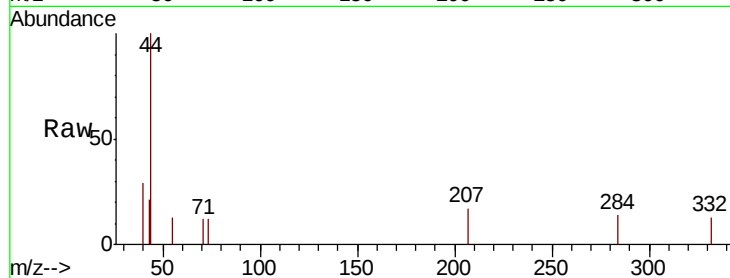




#68
Hexachlorobenzene
Concen: 0.020 ng
RT: 17.24 min Scan# 2409
Delta R.T. 0.46 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

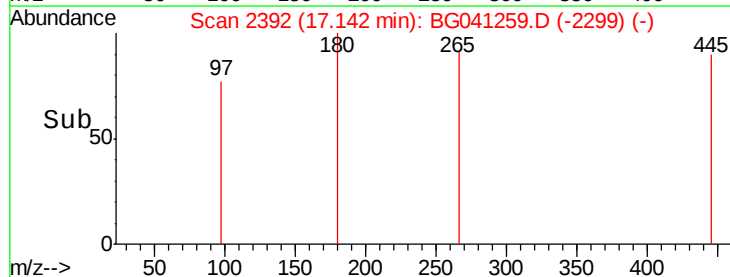
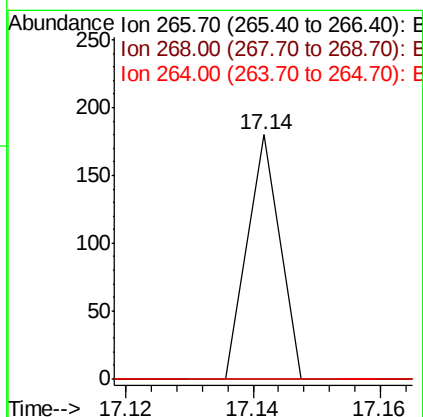
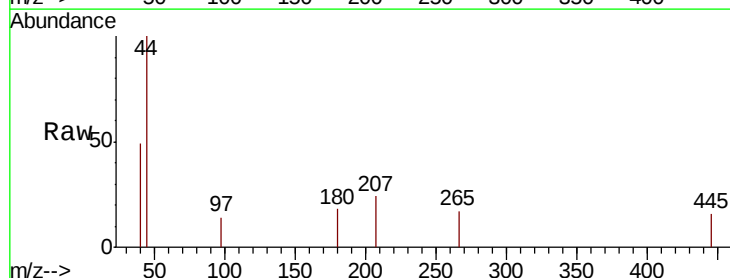
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

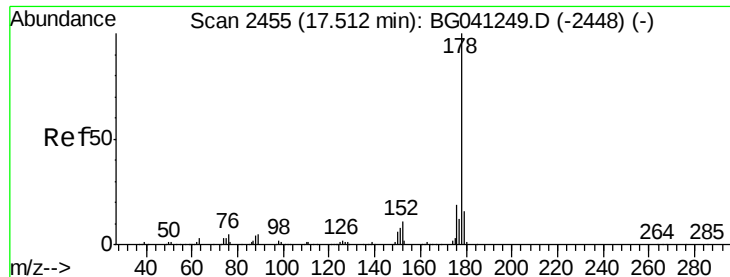
Tgt Ion: 284 Resp: 73
Ion Ratio Lower Upper
284 100
142 0.0 23.9 35.9#
249 0.0 26.8 40.2#



#70
Pentachlorophenol
Concen: 10.640 ng
RT: 17.14 min Scan# 2392
Delta R.T. 0.02 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion: 266 Resp: 63
Ion Ratio Lower Upper
266 100
268 0.0 53.1 79.7#
264 0.0 49.9 74.9#

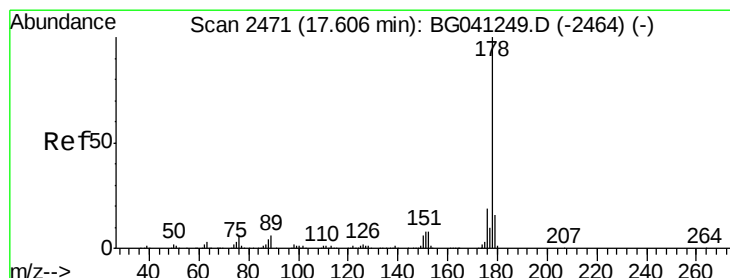
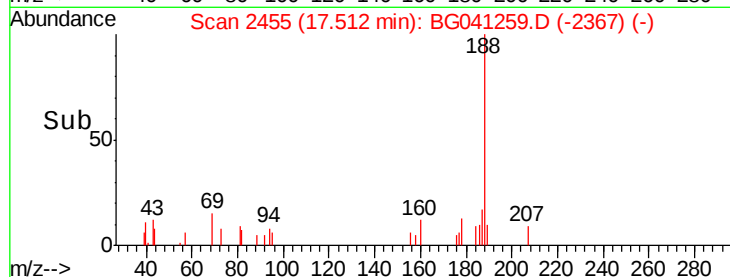
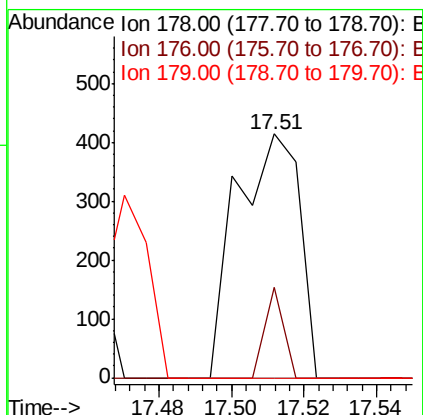
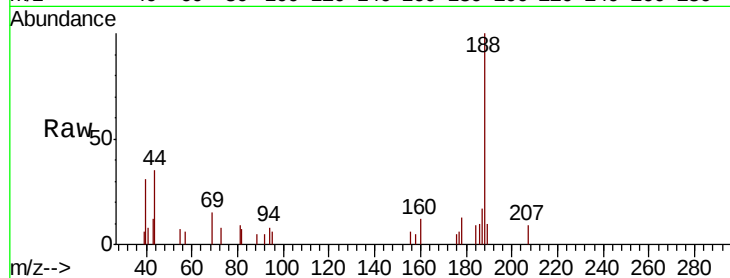




#71
Phenanthrene
Concen: 0.037 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

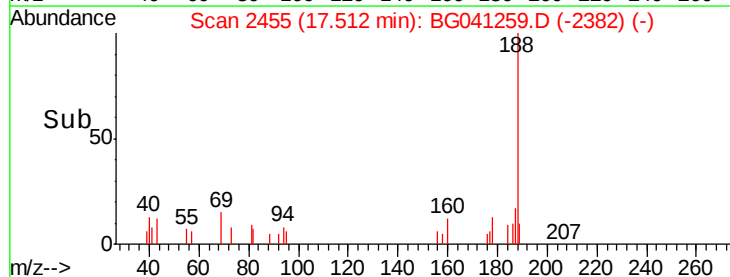
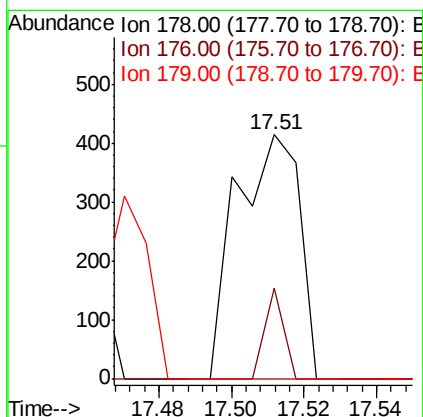
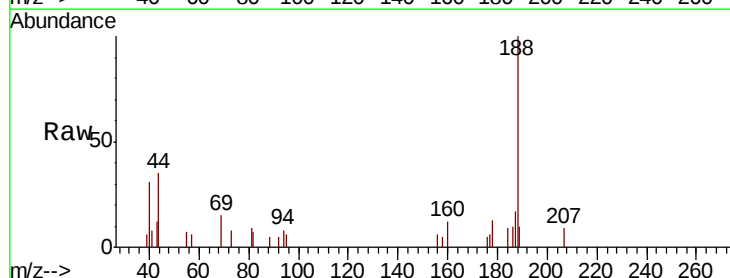
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

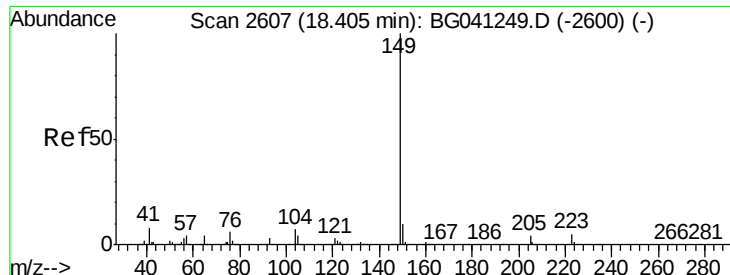
Tgt Ion:178 Resp: 498
Ion Ratio Lower Upper
178 100
176 37.2 15.5 23.3#
179 0.0 12.7 19.1#



#72
Anthracene
Concen: 0.037 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.10 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion:178 Resp: 498
Ion Ratio Lower Upper
178 100
176 37.2 15.6 23.4#
179 0.0 13.0 19.4#





#74

Di-n-butylphthalate

Concen: 0.050 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

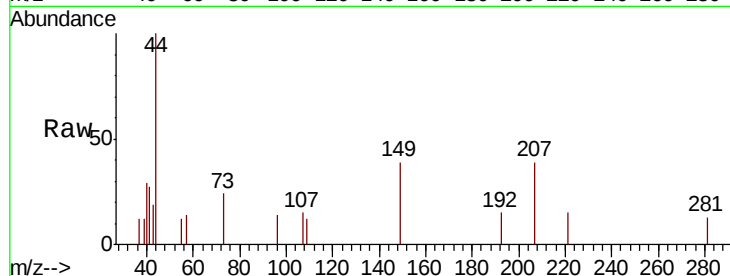
Tgt Ion:149 Resp: 714

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

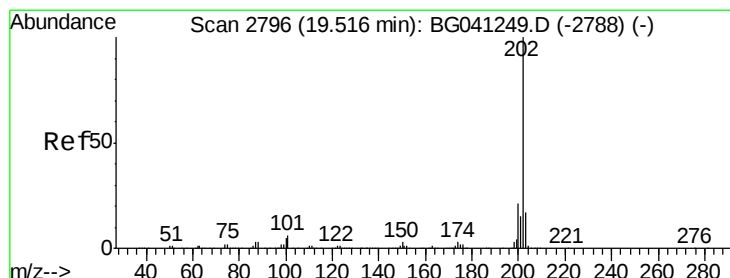
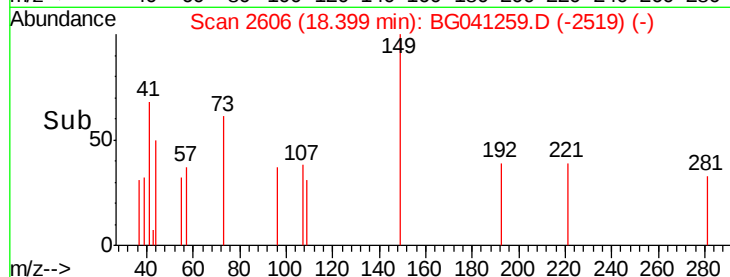
18.40

400

200

0

Time-->



#75

Fluoranthene

Concen: 0.102 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

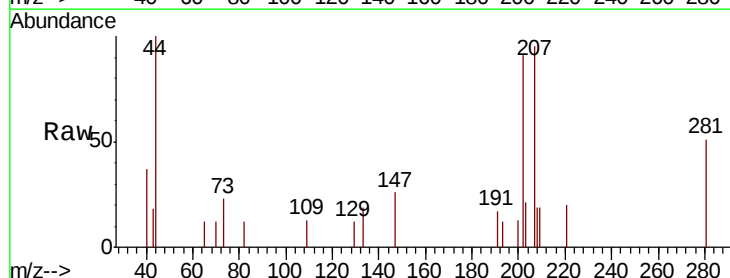
Tgt Ion:202 Resp: 1755

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.2

203 23.2 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

19.53

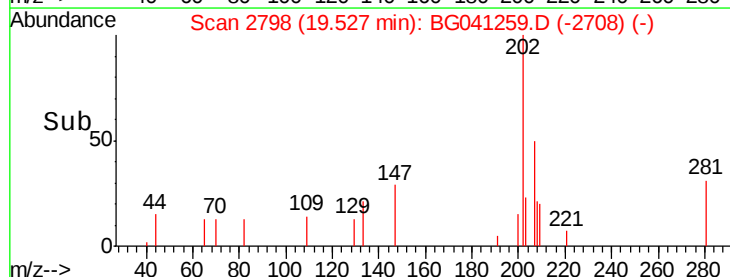
1500

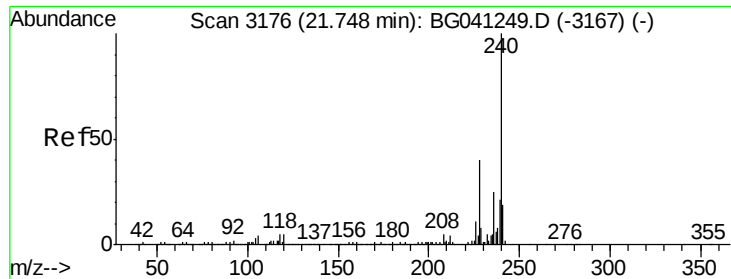
1000

500

0

Time-->

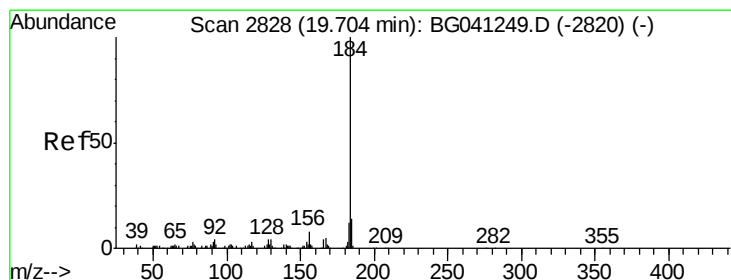
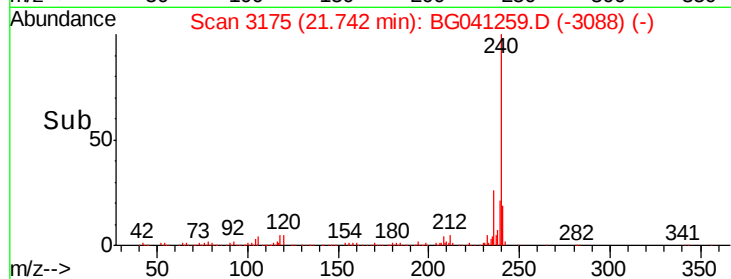
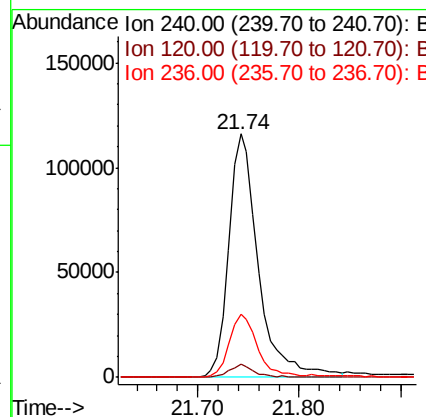
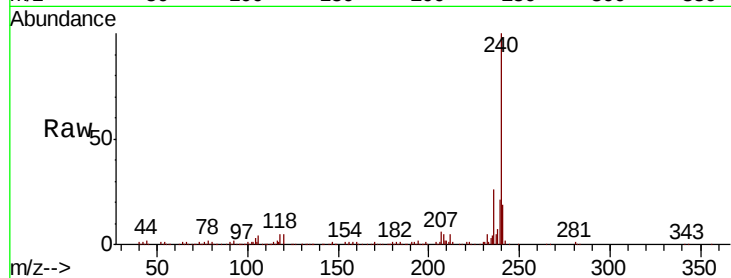




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

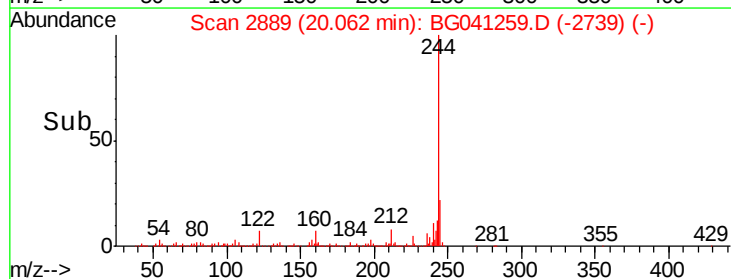
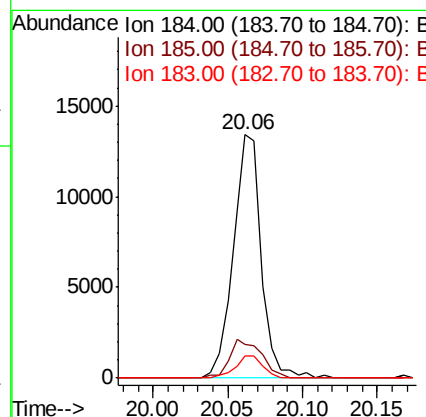
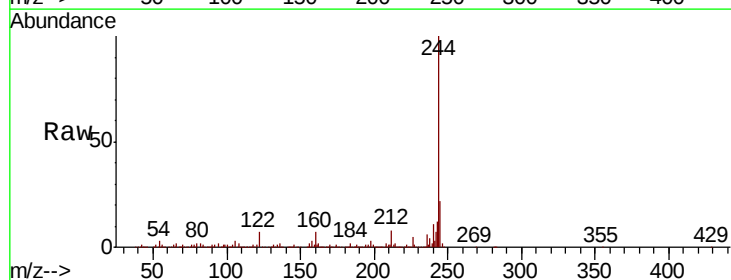
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

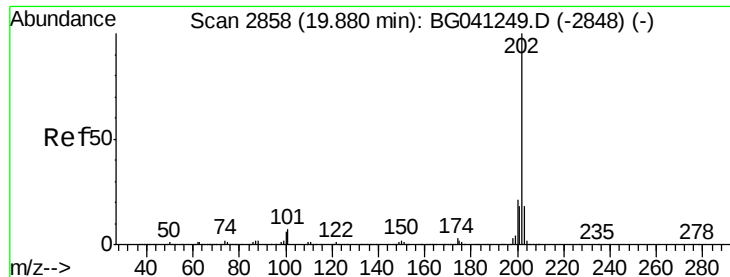
Tgt Ion: 240 Resp: 235453
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.5 6.7
 236 25.8 21.3 31.9



#77
 Benzidine
 Concen: 4.802 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.35 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Tgt Ion: 184 Resp: 17554
 Ion Ratio Lower Upper
 184 100
 185 13.7 13.3 19.9
 183 9.2 10.7 16.1#





#78

Pyrene

Concen: 0.076 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

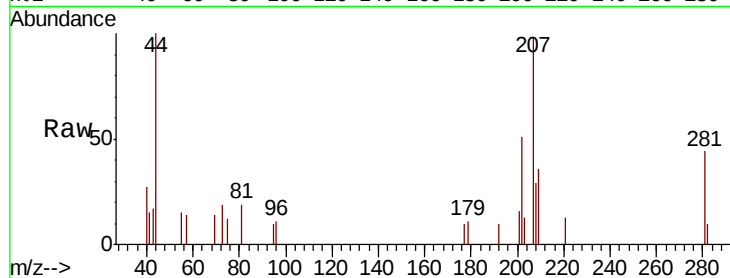
Tgt Ion:202 Resp: 1222

Ion Ratio Lower Upper

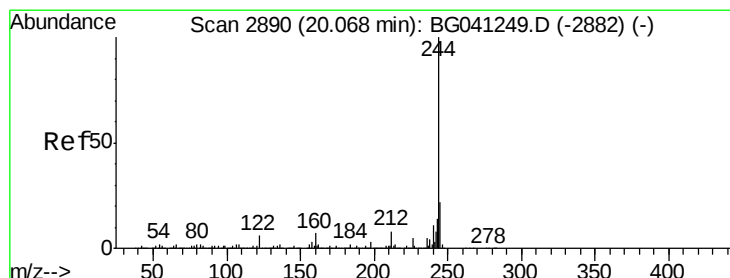
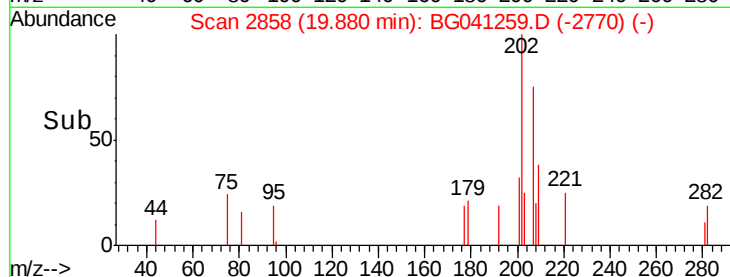
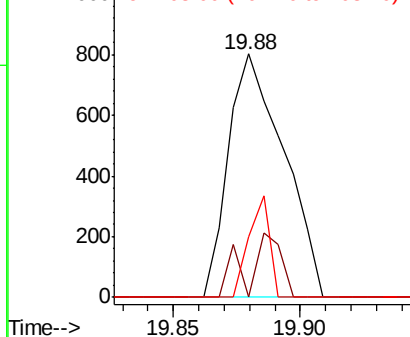
202 100

200 0.0 17.5 26.3#

203 24.9 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



#79

Terphenyl-d14

Concen: 85.997 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

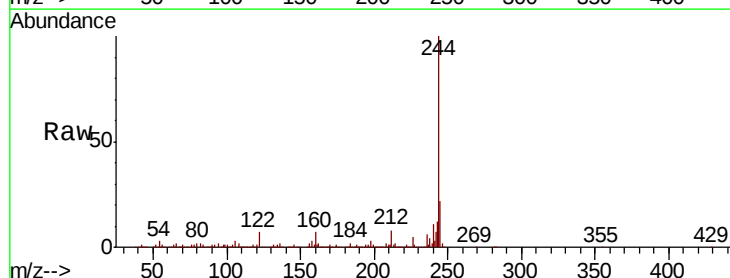
Tgt Ion:244 Resp: 1032721

Ion Ratio Lower Upper

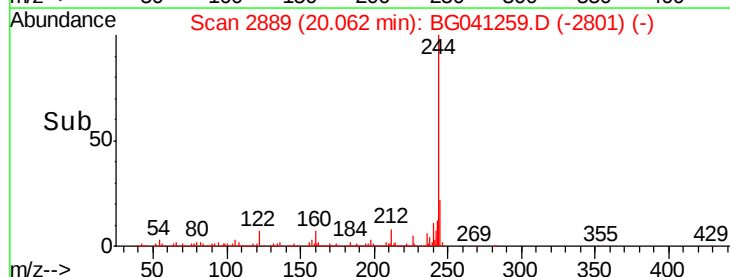
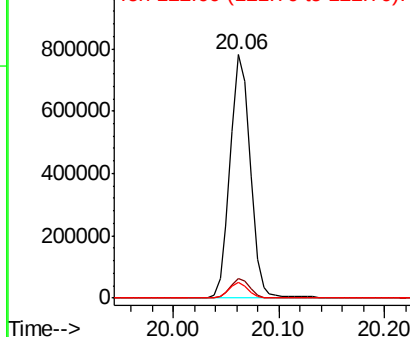
244 100

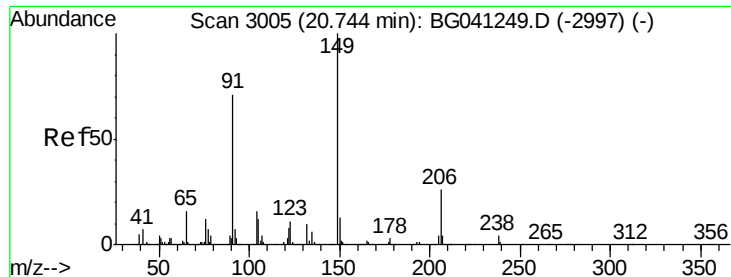
212 8.2 7.0 10.4

122 6.5 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

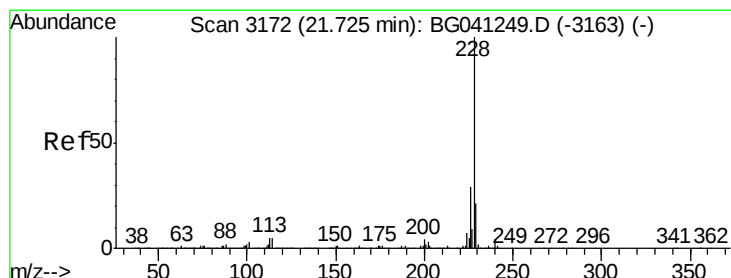
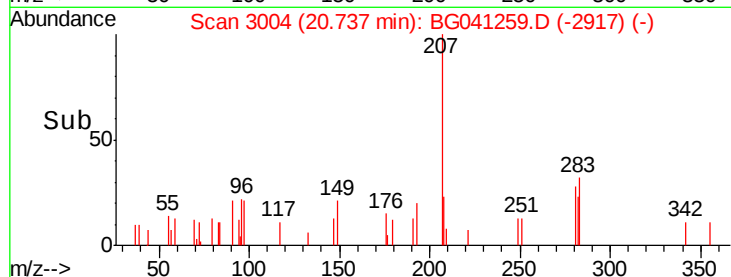
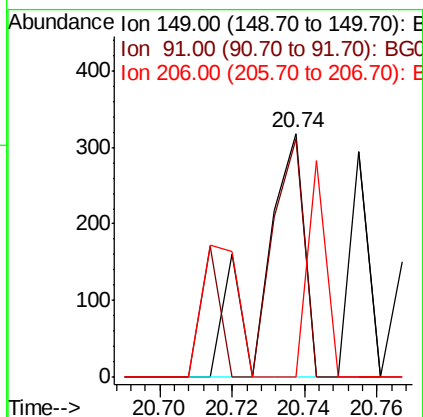
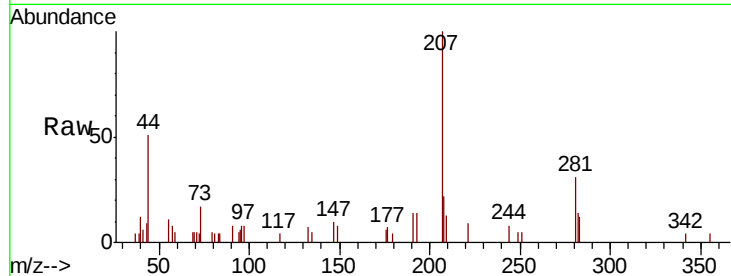




#80
Butylbenzylphthalate
Concen: 0.040 ng
RT: 20.74 min Scan# 3004
Delta R.T. -0.02 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

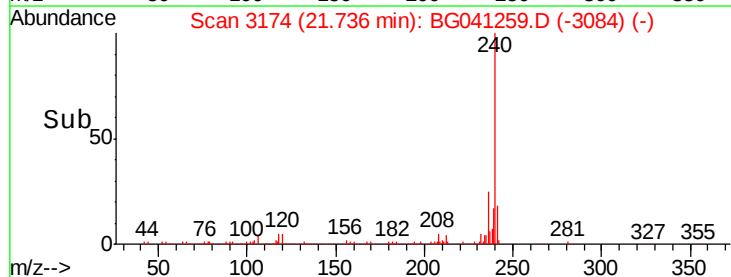
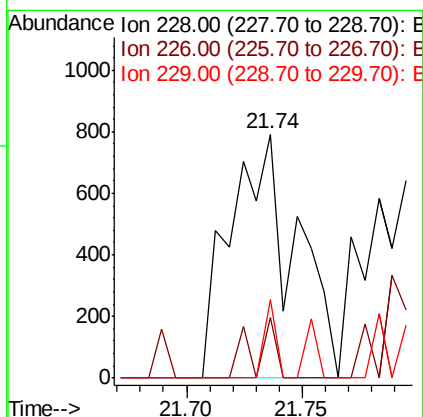
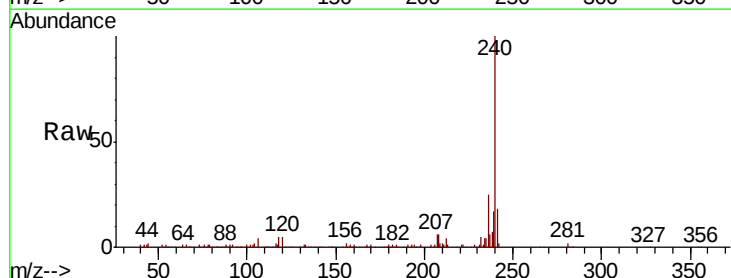
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

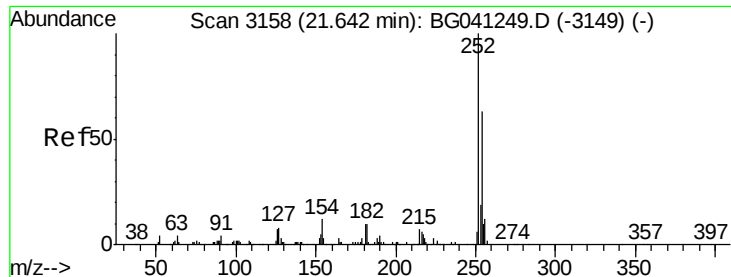
Tgt Ion:149 Resp: 245
Ion Ratio Lower Upper
149 100
91 97.8 56.5 84.7#
206 0.0 20.3 30.5#



#81
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt Ion:228 Resp: 1558
Ion Ratio Lower Upper
228 100
226 24.9 23.5 35.3
229 32.0 16.7 25.1#

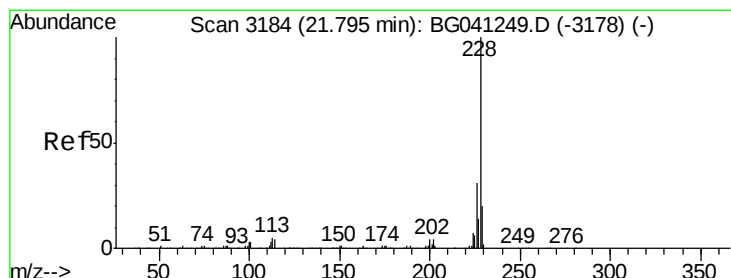
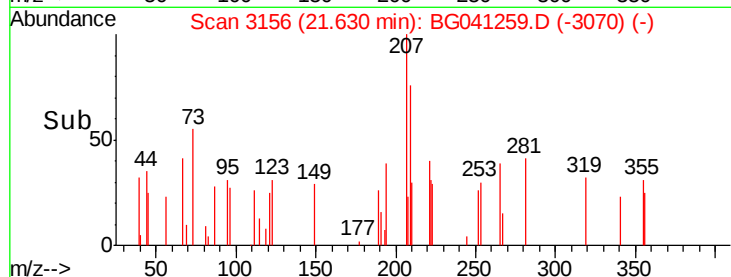
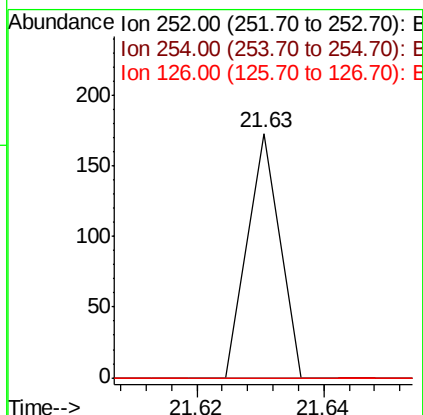
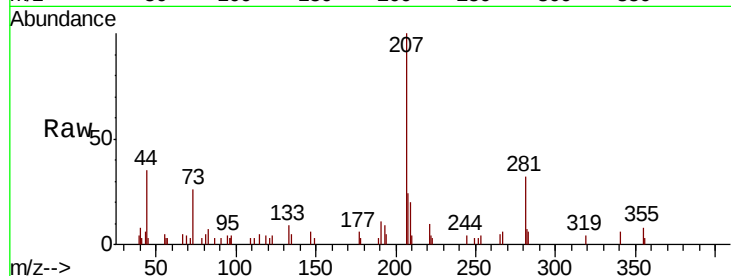




#82
 3,3'-Dichlorobenzidine
 Concen: 0.013 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.02 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

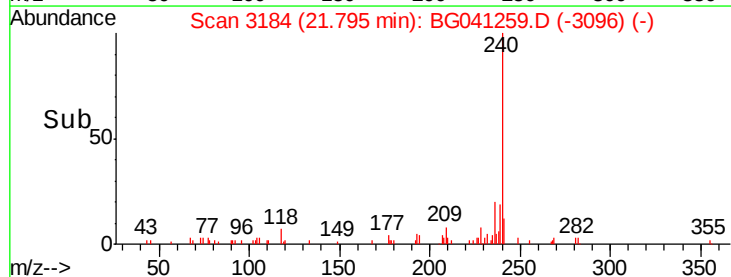
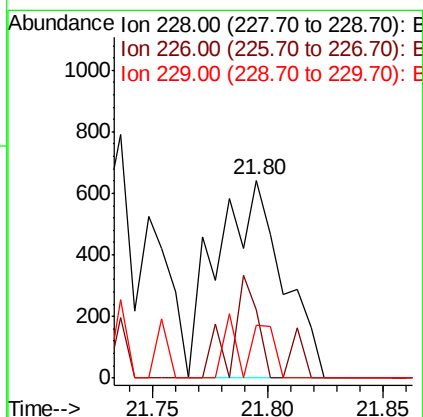
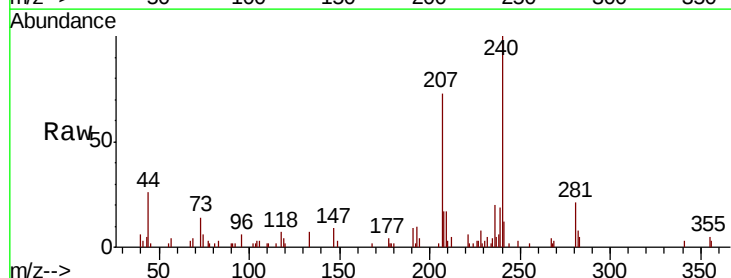
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

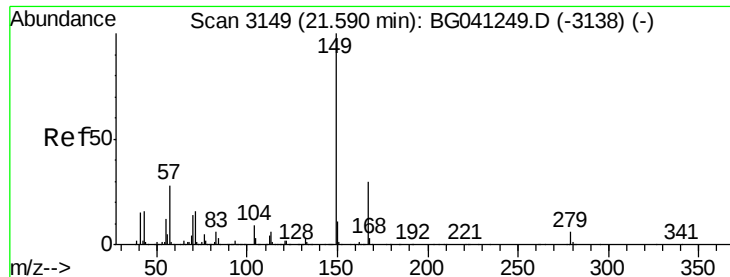
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	5.5	8.3#



#83
 Chrysene
 Concen: 0.083 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.01 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	24.6	37.0
229	26.9	16.6	24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.229 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

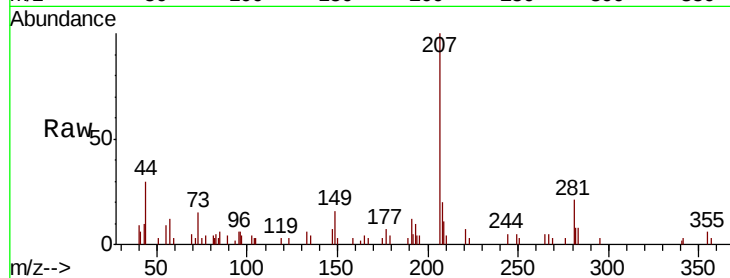
Tgt Ion:149 Resp: 1976

Ion Ratio Lower Upper

149 100

167 20.3 24.6 37.0#

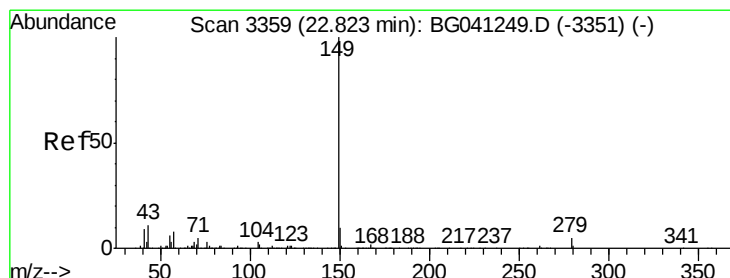
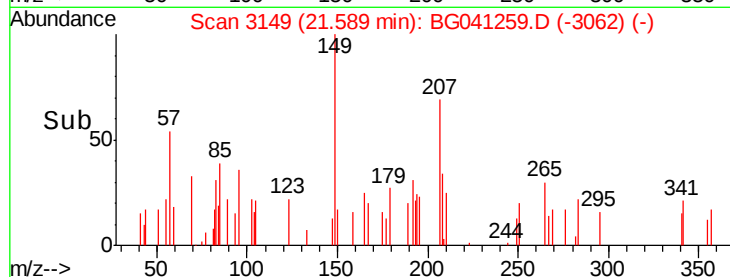
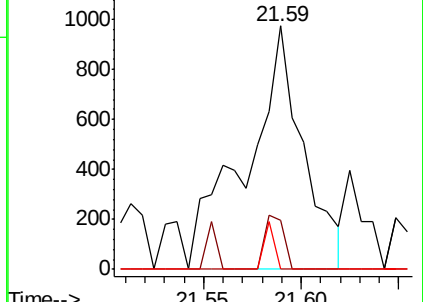
279 0.0 5.0 7.6#



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: 0.034 ng

RT: 22.82 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

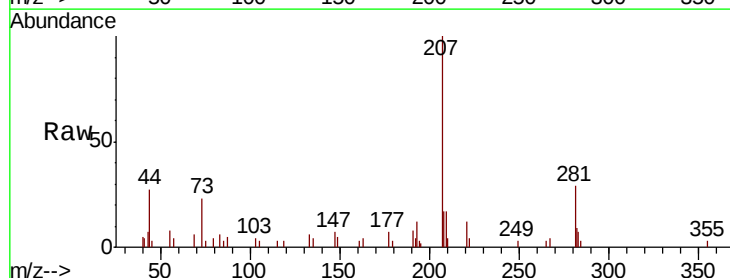
Tgt Ion:149 Resp: 488

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

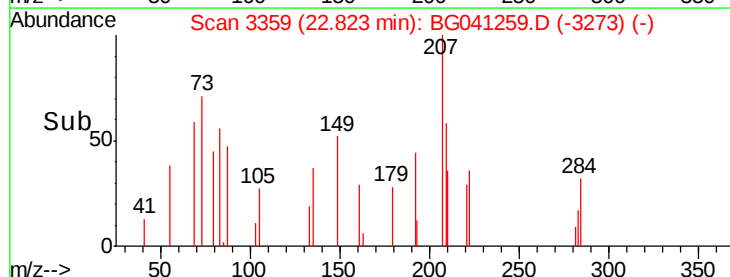
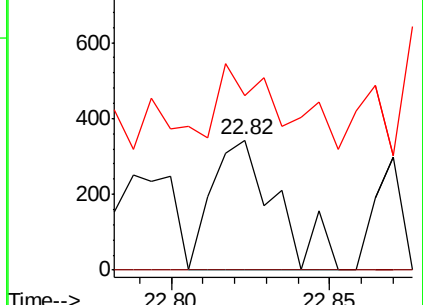
43 60.9 8.1 12.1#

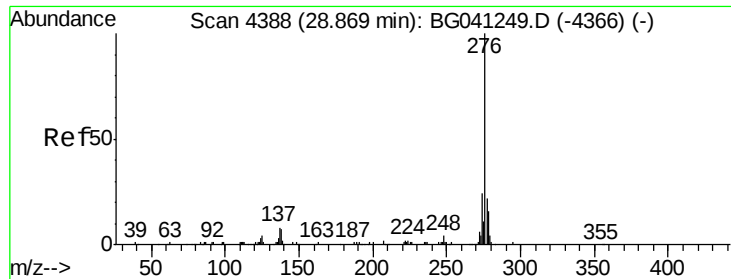


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.016 ng

RT: 28.88 min Scan# 4390

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

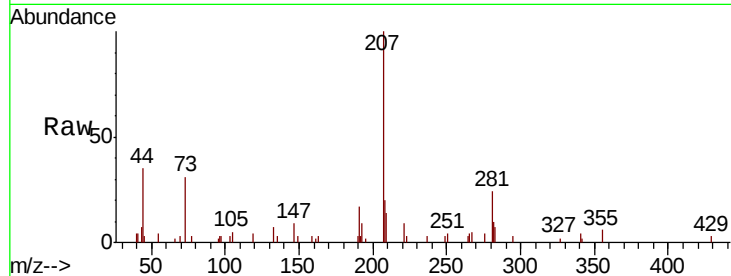
Tgt Ion:276 Resp: 144

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

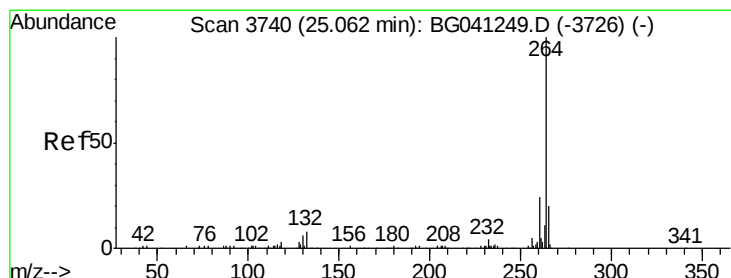
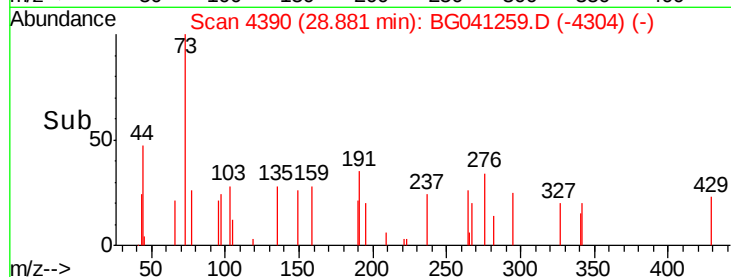
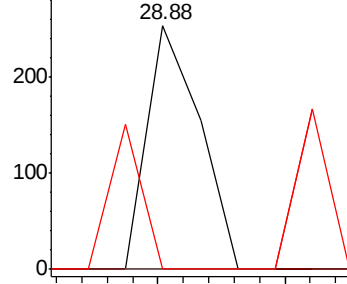
277 36.8 20.8 31.2#



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# 3740

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

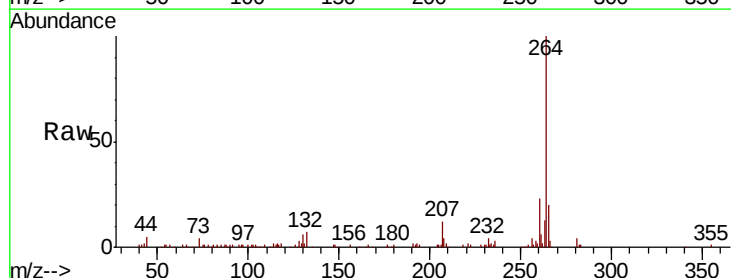
Tgt Ion:264 Resp: 178638

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

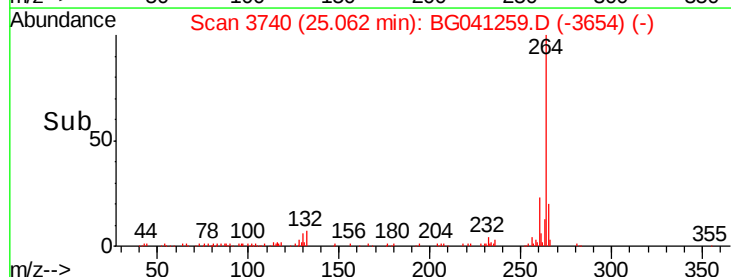
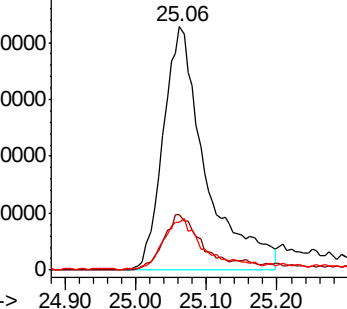
265 19.7 17.0 25.4

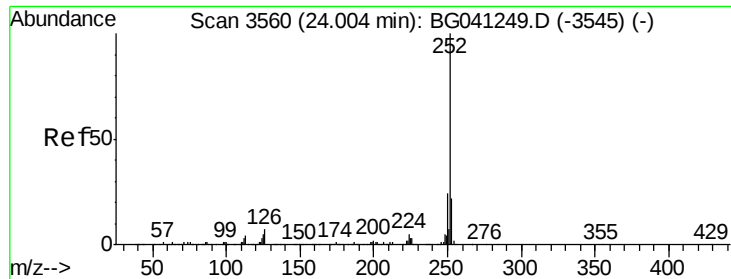


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.053 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.02 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

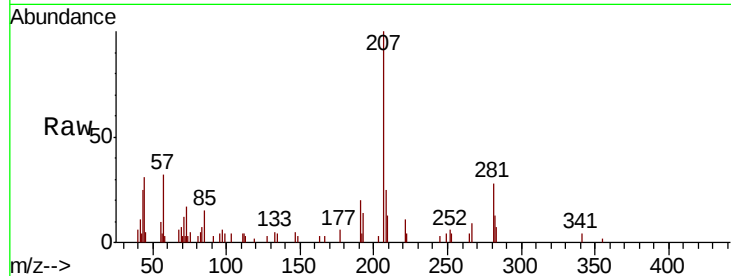
Tgt Ion:252 Resp: 575

Ion Ratio Lower Upper

252 100

253 70.7 18.4 27.6#

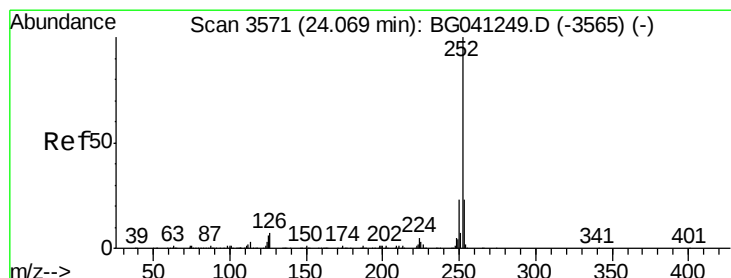
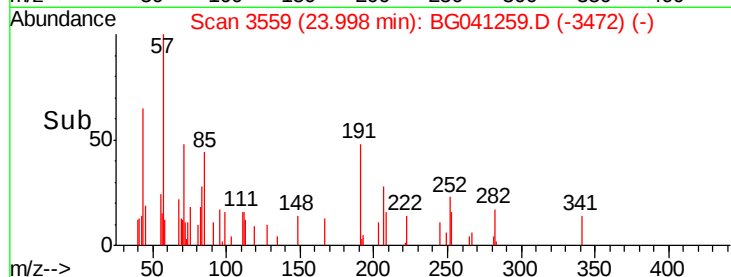
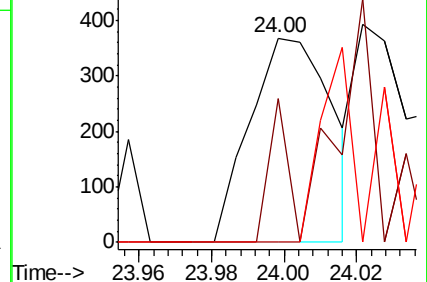
125 0.0 4.3 6.5#



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: 0.013 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

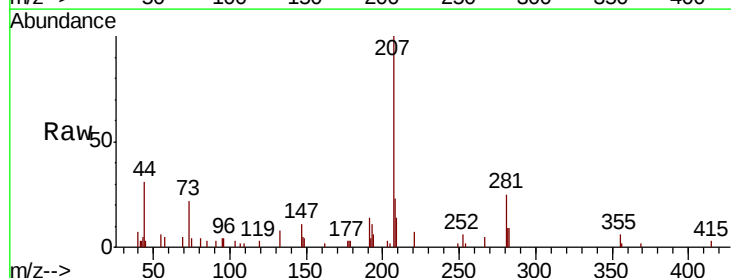
Tgt Ion:252 Resp: 166

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

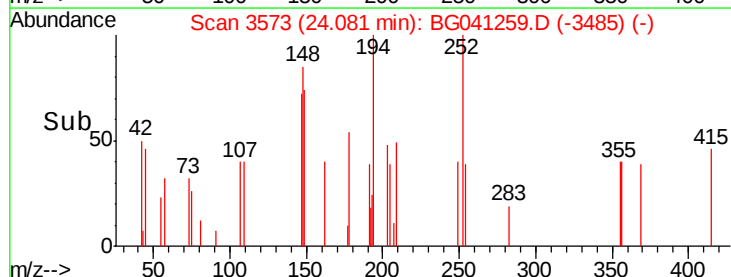
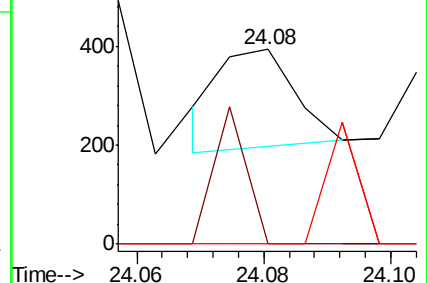
125 0.0 4.7 7.1#

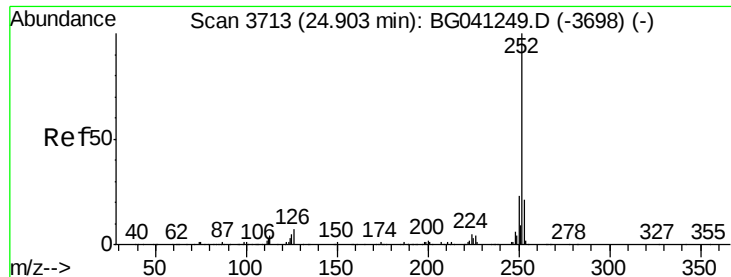


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.050 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.04 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

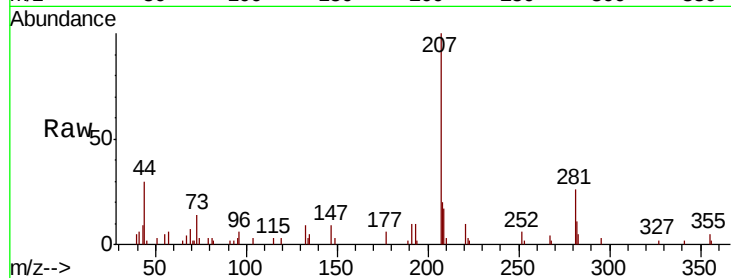
Tgt Ion: 252 Resp: 534

Ion Ratio Lower Upper

252 100

253 41.6 19.5 29.3#

125 0.0 5.1 7.7#

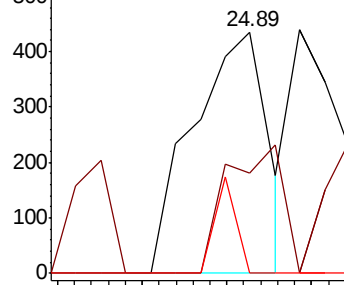


Abundance

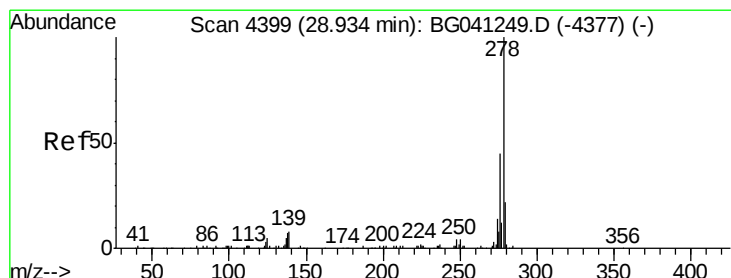
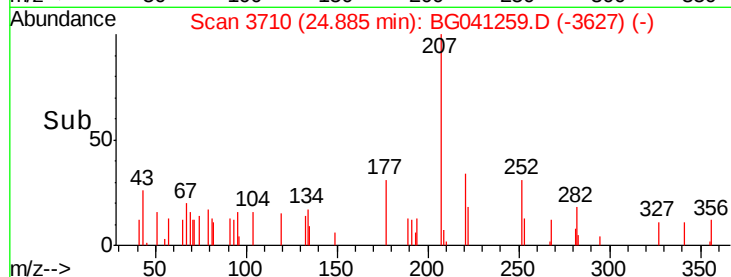
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 0.013 ng

RT: 28.93 min Scan# 4398

Delta R.T. -0.04 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

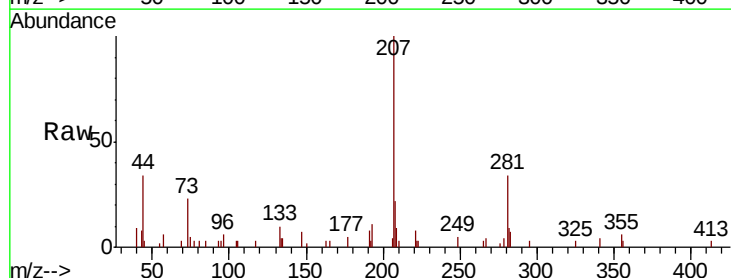
Tgt Ion: 278 Resp: 80

Ion Ratio Lower Upper

278 100

139 0.0 7.1 10.7#

279 0.0 19.4 29.2#

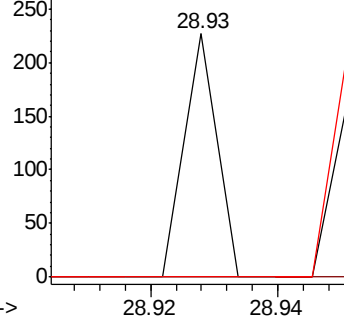


Abundance

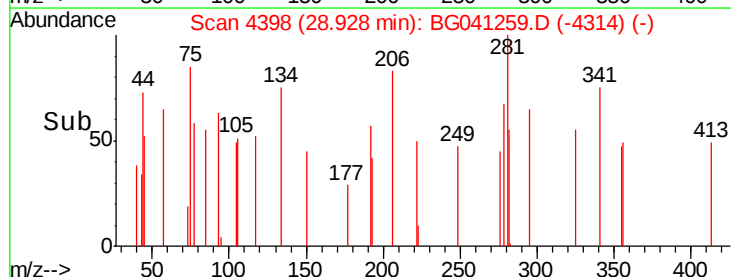
Ion 278.00 (277.70 to 278.70): E

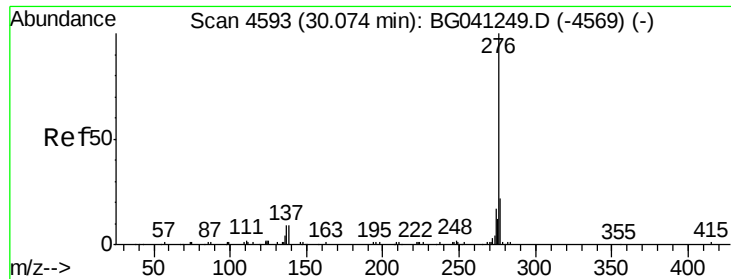
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

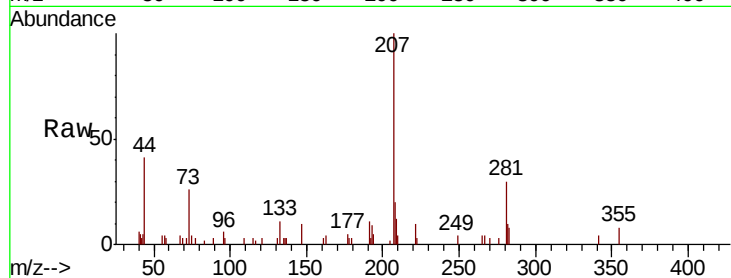




#92
 Benzo(g,h,i)perylene
 Concen: 0.012 ng
 RT: 30.10 min Scan# 4597
 Delta R.T. -0.02 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.0
138	0.0	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

