

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061319\
 Data File : BG041242.D
 Acq On : 14 Jun 2019 5:02
 Operator : HP/JU
 Sample : K3333-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-5

Quant Time: Jun 14 06:04:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

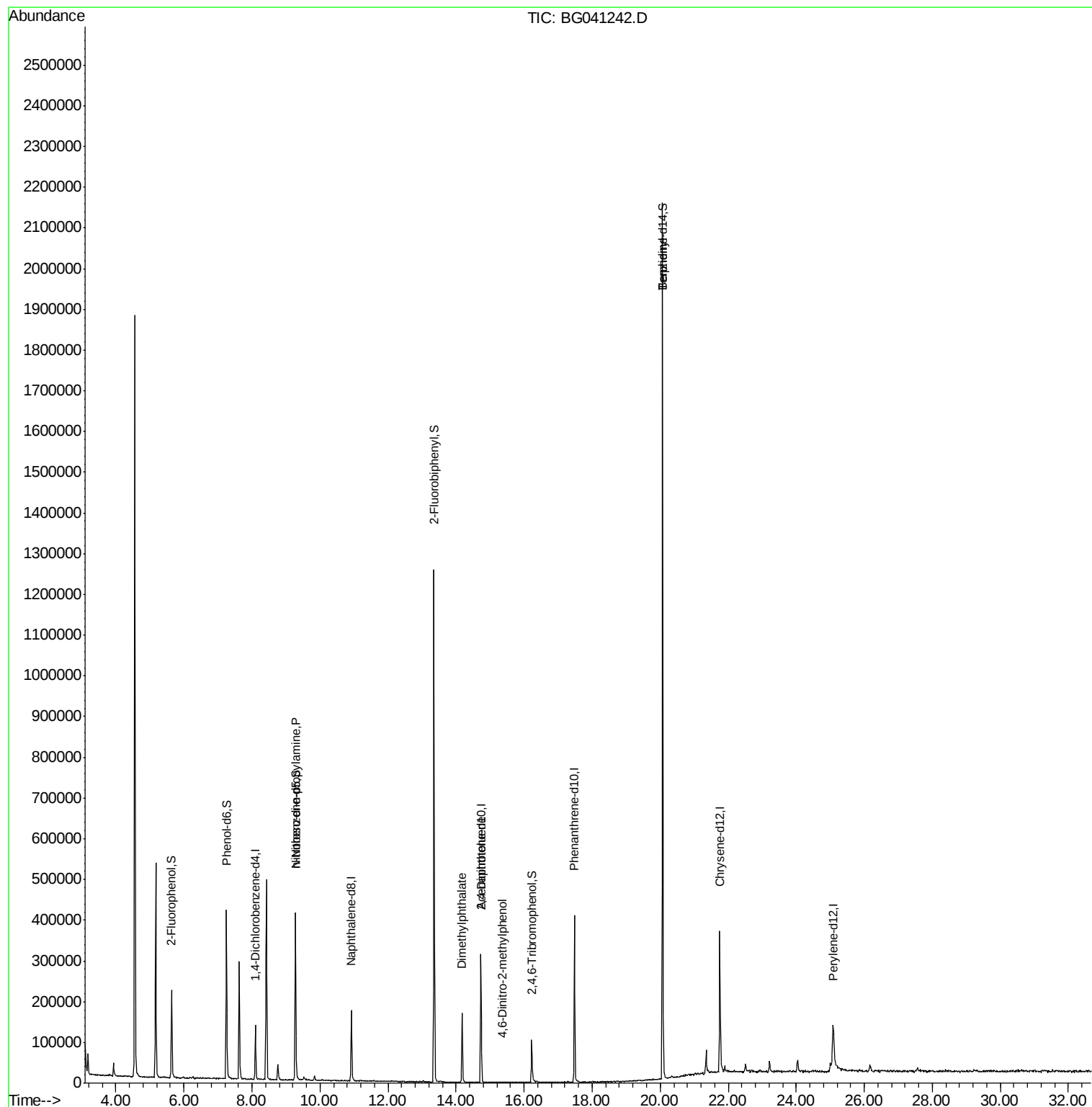
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35929	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	151096	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112197	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	272011	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257034	20.00	ng	0.00
87) Perylene-d12	25.08	264	212641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	84805	42.56	ng	0.00
7) Phenol-d6	7.25	99	225820	73.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	260923	76.66	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	27189	16.32	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	638969	82.01	ng	0.00
79) Terphenyl-d14	20.07	244	1071356	88.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	35264	14.891	ng	Qvalue 76
50) Dimethylphthalate	14.18	163	119912	12.626	ng	98
57) 2,4-Dinitrotoluene	14.73	165	14968	5.175	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.36	198	74	8.631	ng	# 36
77) Benzidine	20.07	184	17484	2.851	ng	# 94

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

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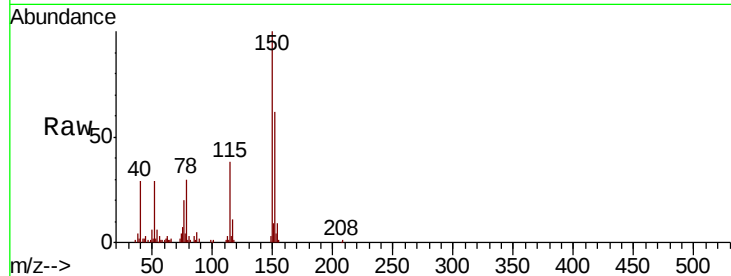


#1

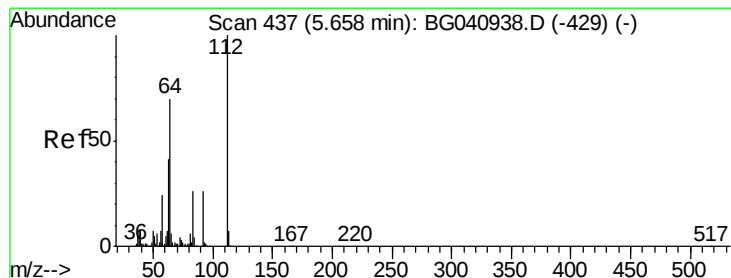
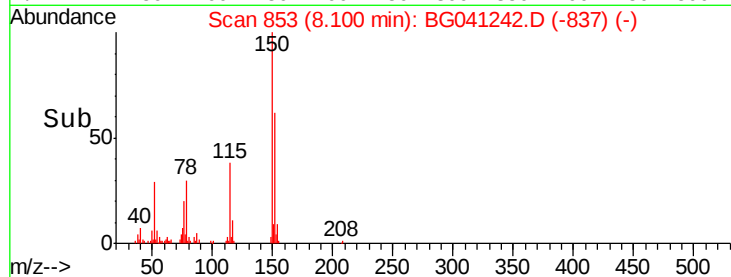
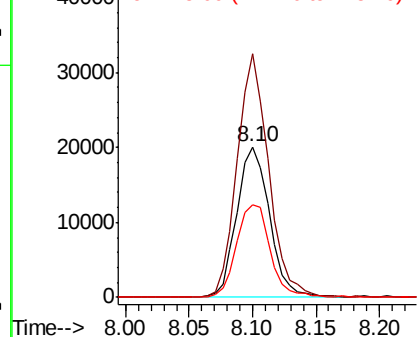
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Instrument :
BNA_G
ClientSampleId :
CONCRETE-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.7	120.6	180.8
115	61.7	45.1	67.7



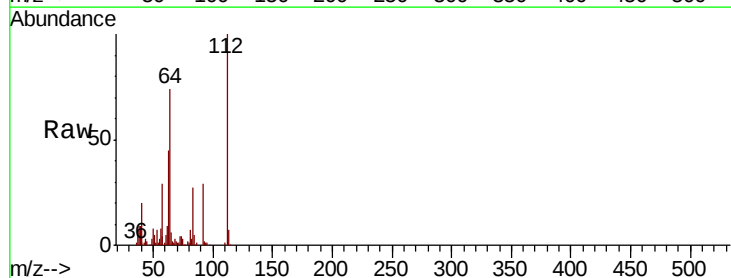
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



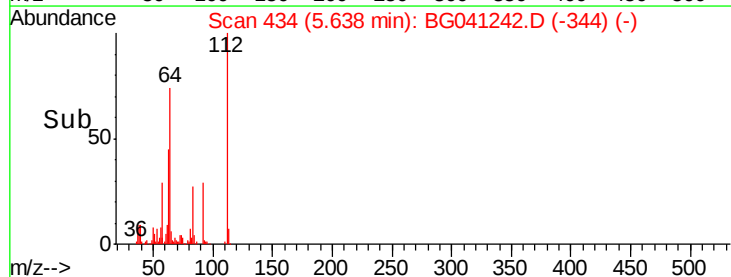
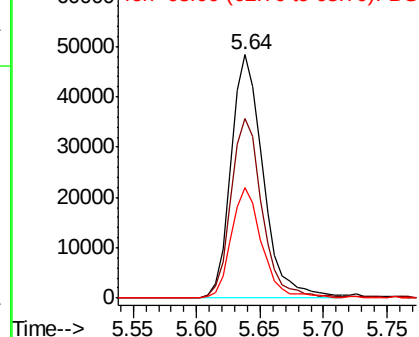
#5

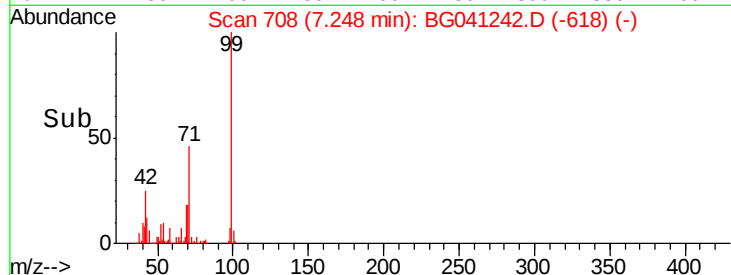
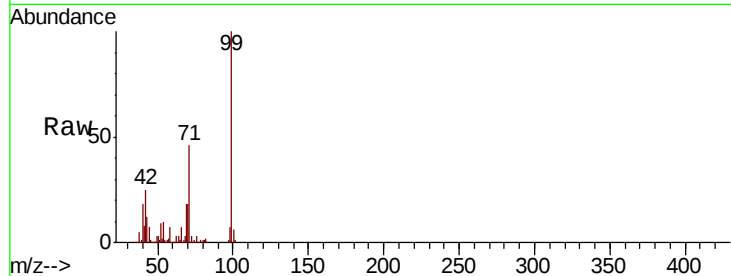
2-Fluorophenol
Concen: 42.562 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	56.2	84.2
63	45.4	32.8	49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 73.385 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

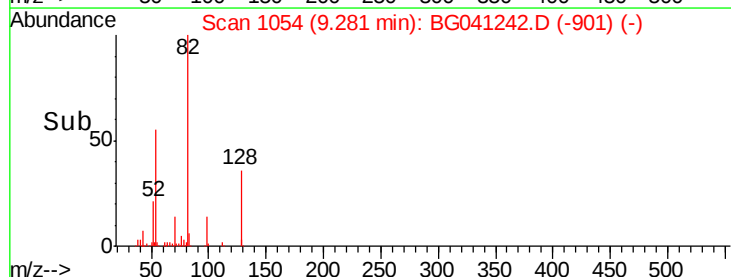
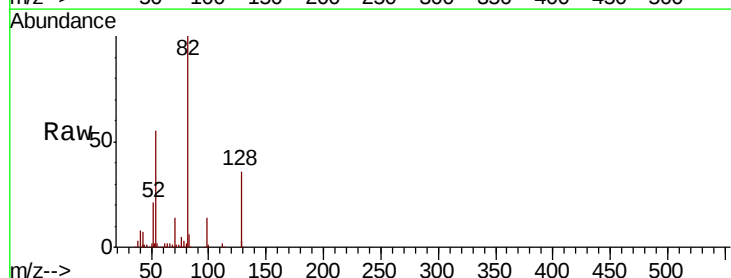
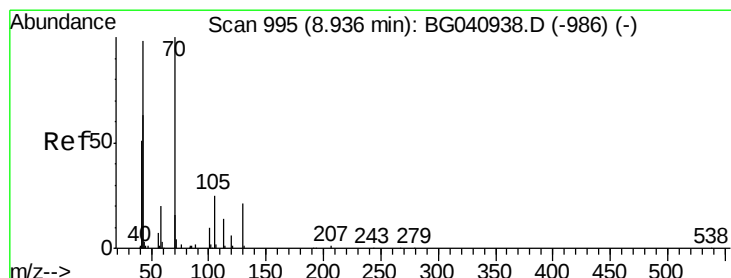
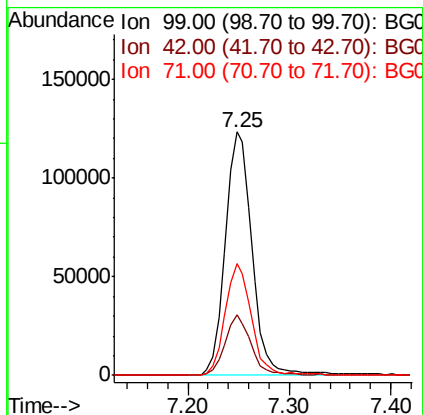
Tgt Ion: 99 Resp: 225820

Ion Ratio Lower Upper

99 100

42 24.7 17.9 26.9

71 46.0 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.891 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Tgt Ion: 70 Resp: 35264

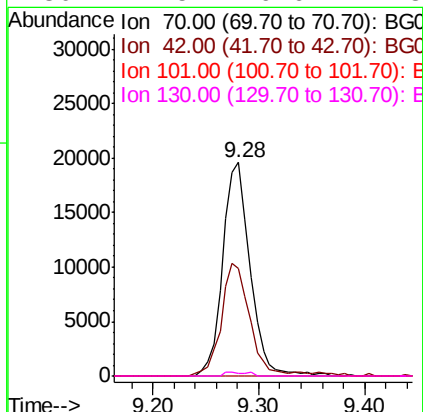
Ion Ratio Lower Upper

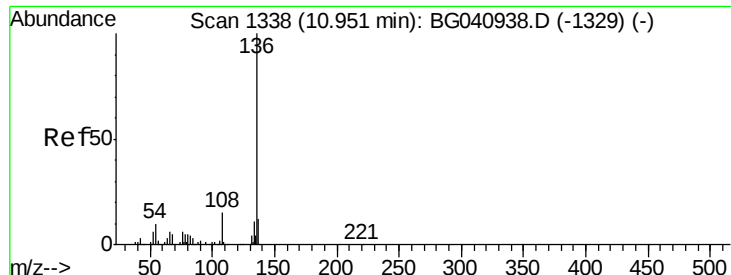
70 100

42 50.1 51.5 77.3#

101 0.0 8.1 12.1#

130 1.5 16.6 24.8#

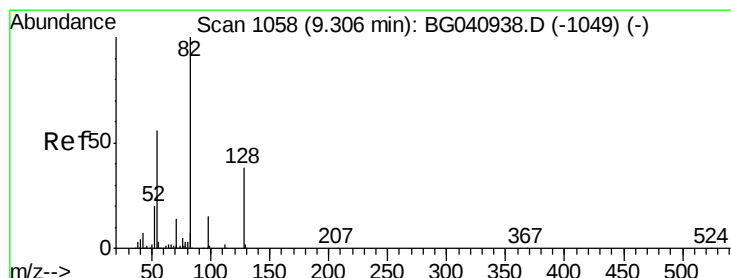
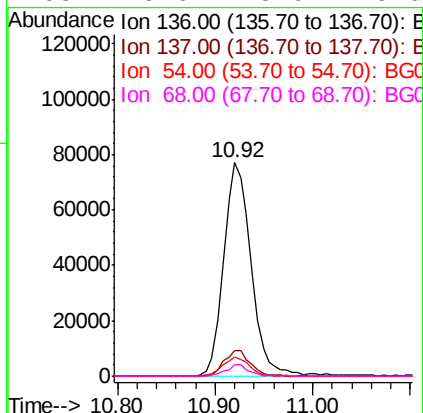
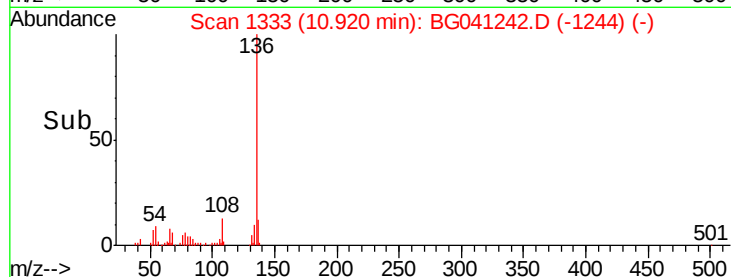
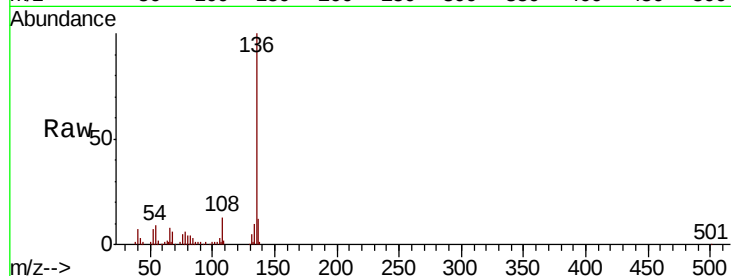




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

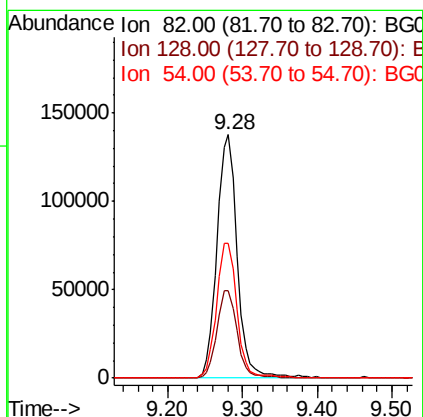
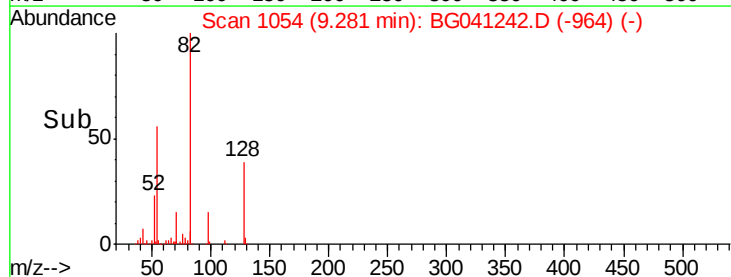
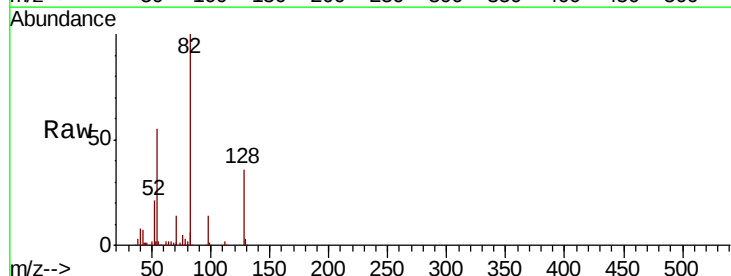
Instrument :
BNA_G
ClientSampleId :
CONCRETE-5

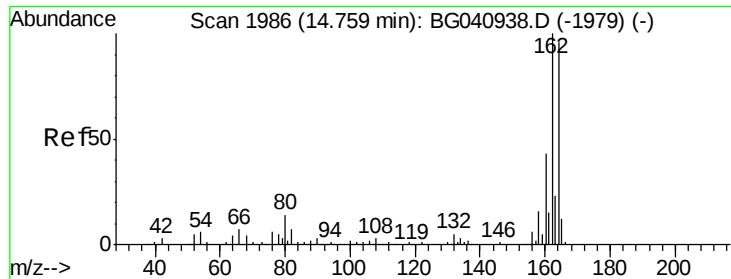
Tgt Ion:	136	Resp:	151096
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	9.3	7.6	11.4
68	5.6	3.9	5.9



#23
Nitrobenzene-d5
Concen: 76.662 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Tgt Ion:	82	Resp:	260923
Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.5	45.7
54	55.3	44.6	66.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

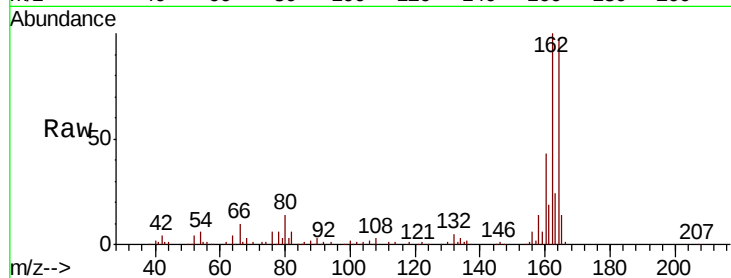
Tgt Ion:164 Resp: 112197

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

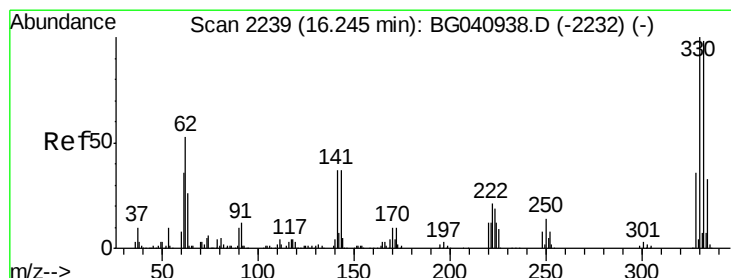
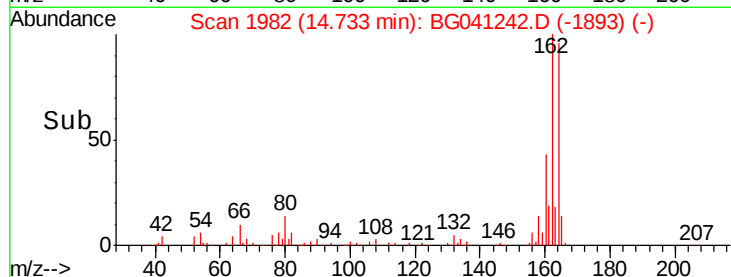
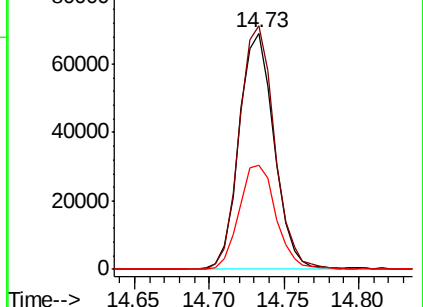
160 44.3 35.6 53.4



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: 16.323 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

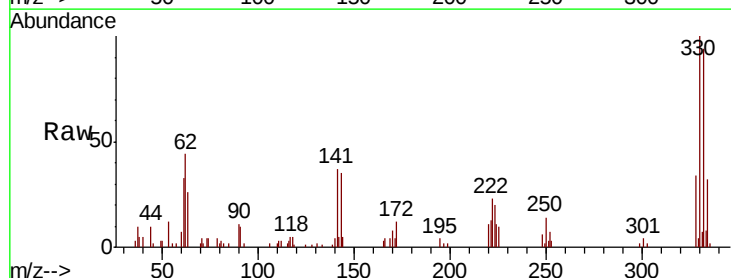
Tgt Ion:330 Resp: 27189

Ion Ratio Lower Upper

330 100

332 94.6 78.5 117.7

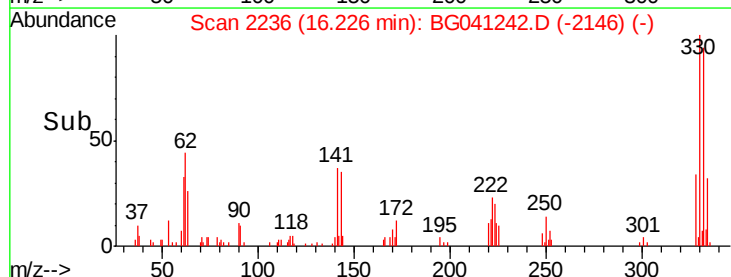
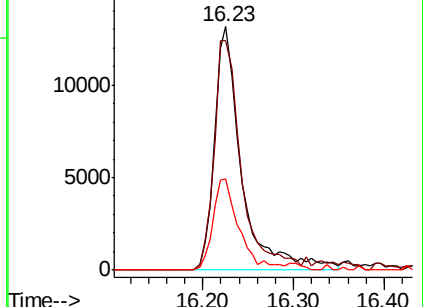
141 35.9 28.7 43.1

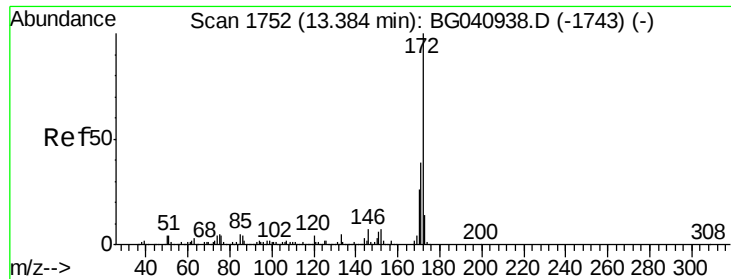


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

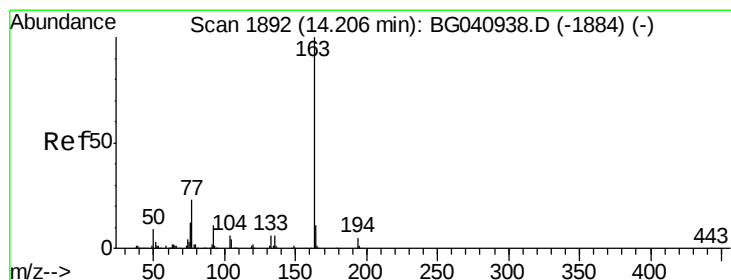
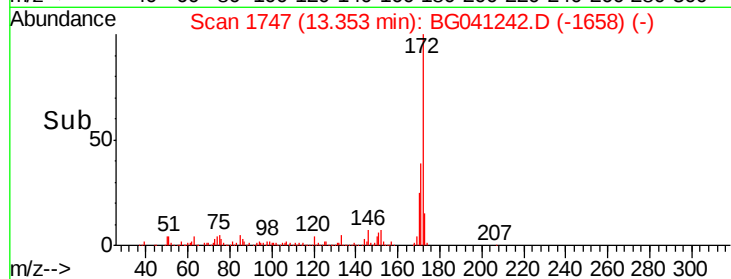
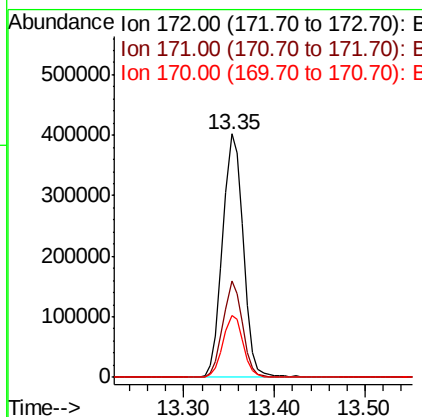
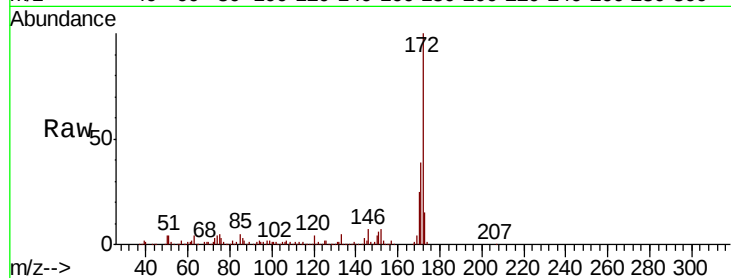




#45
2-Fluorobiphenyl
Concen: 82.015 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

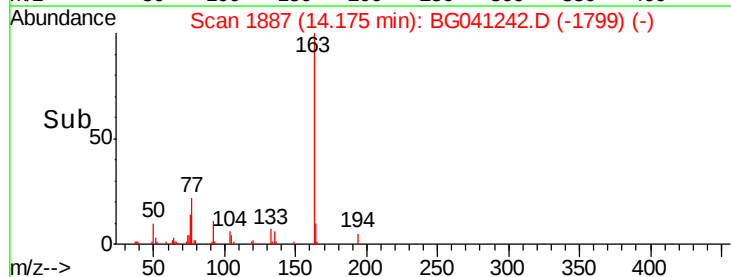
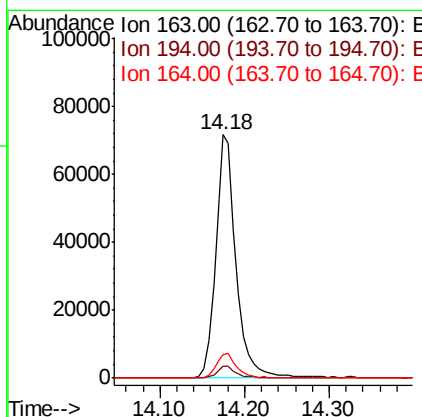
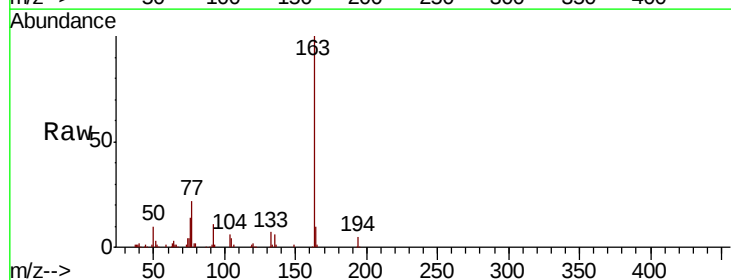
Instrument :
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CONCRETE-5

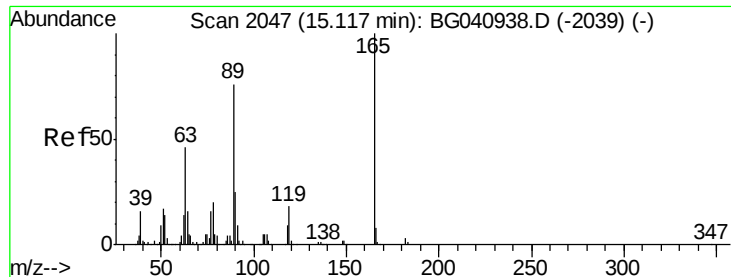
Tgt Ion:	172	Resp:	638969
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.1	46.7
170	25.3	20.5	30.7



#50
Dimethylphthalate
Concen: 12.626 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Tgt Ion:	163	Resp:	119912
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	9.8	8.7	13.1

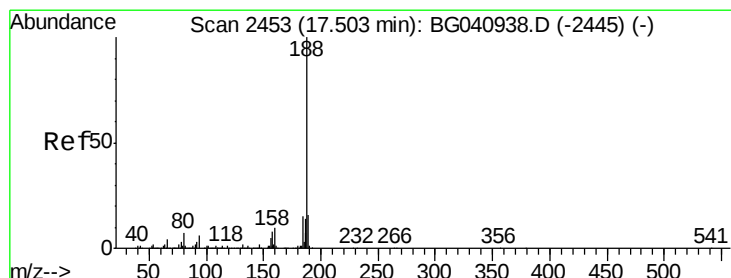
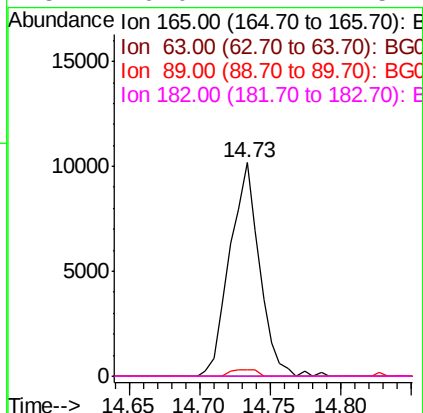
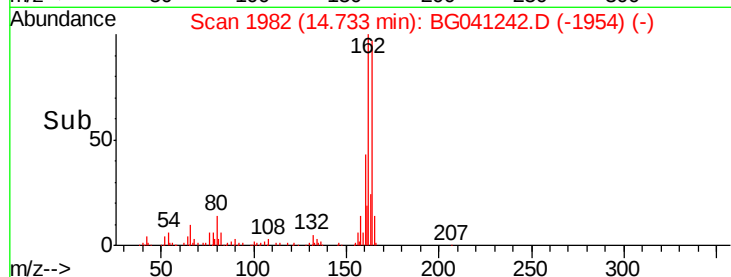
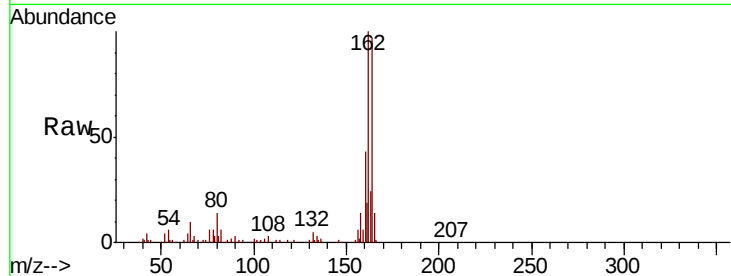




#57
 2,4-Dinitrotoluene
 Concen: 5.175 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.36 min
 Lab File: BG041242.D
 Acq: 14 Jun 2019 5:02

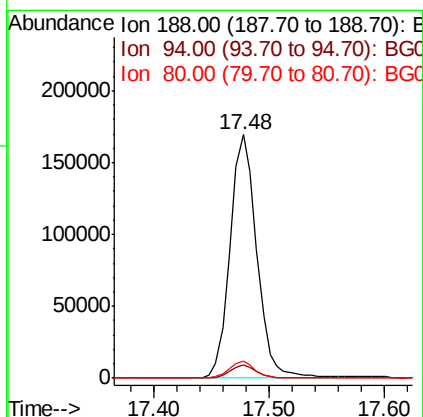
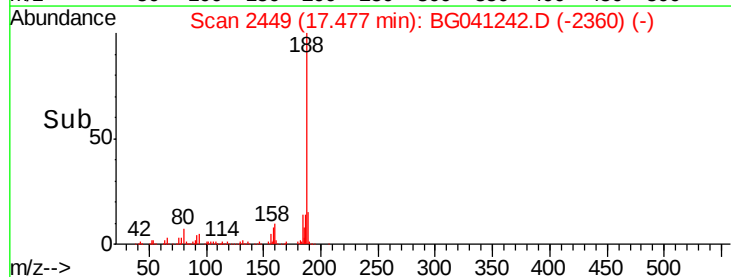
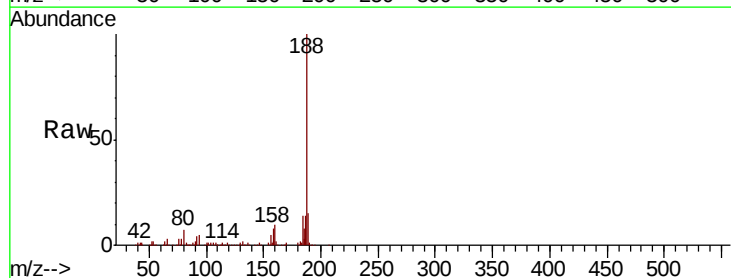
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-5

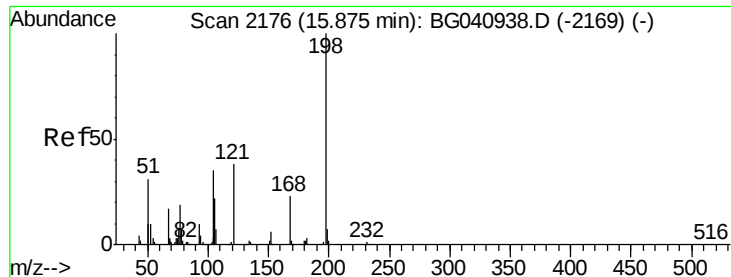
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	3.1	61.0	91.6#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG041242.D
 Acq: 14 Jun 2019 5:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	6.8	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.631 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.50 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

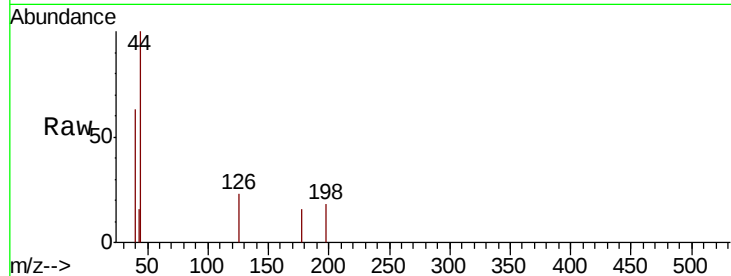
Tgt Ion:198 Resp: 74

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

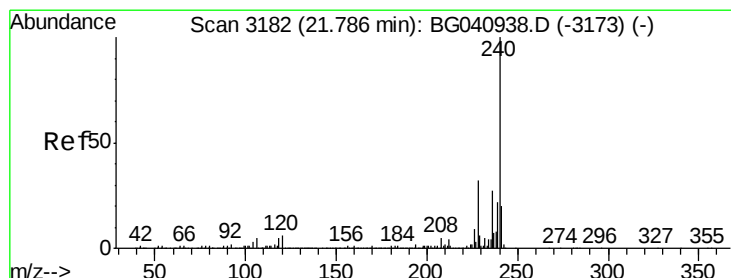
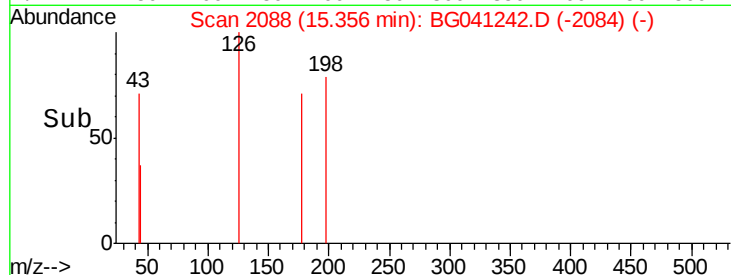
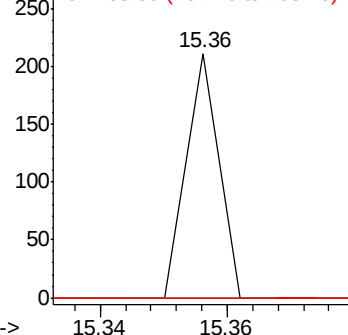
105 0.0 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

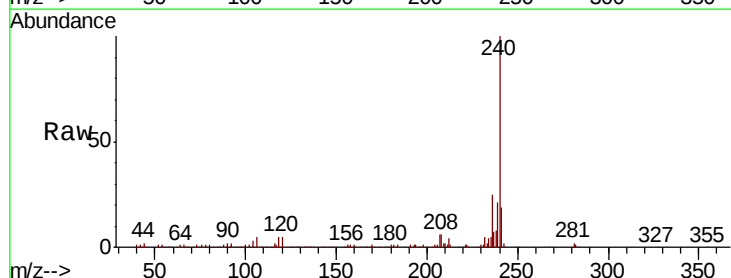
Tgt Ion:240 Resp: 257034

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

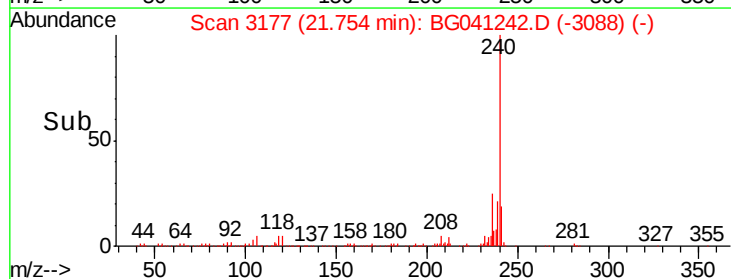
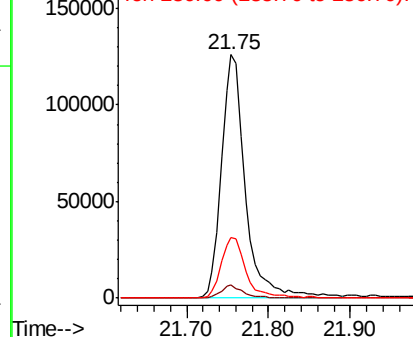
236 25.0 21.3 31.9

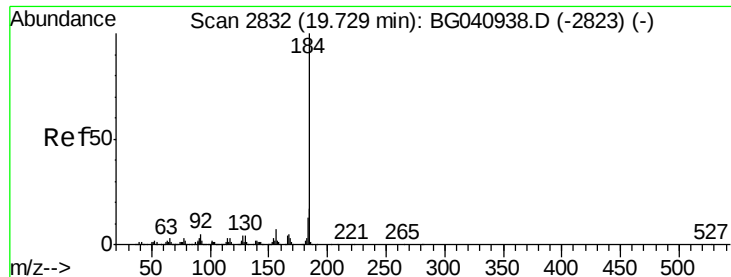


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.851 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.36 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

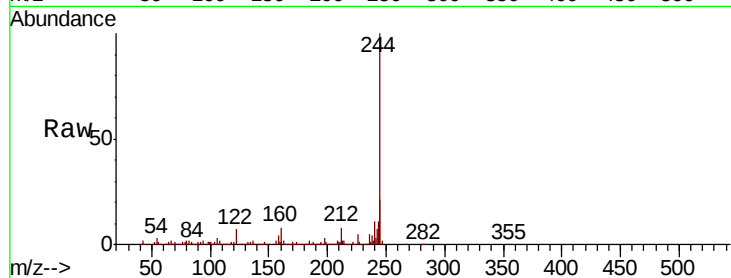
Tgt Ion:184 Resp: 17484

Ion Ratio Lower Upper

184 100

185 16.5 13.3 19.9

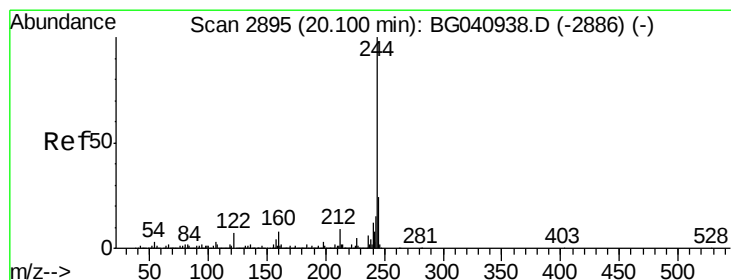
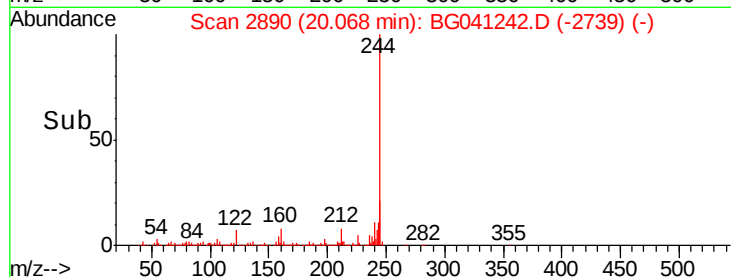
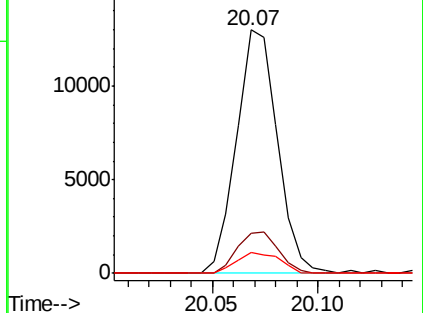
183 8.5 10.7 16.1#



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



#79

Terphenyl-d14

Concen: 88.462 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

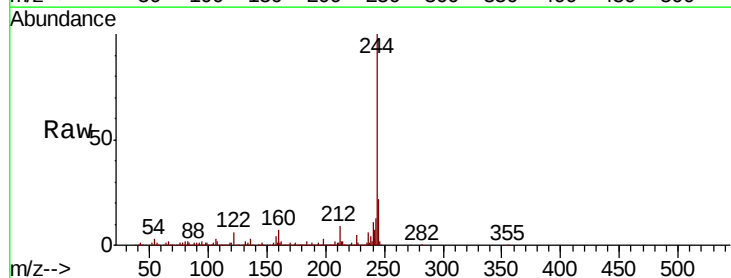
Tgt Ion:244 Resp: 1071356

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

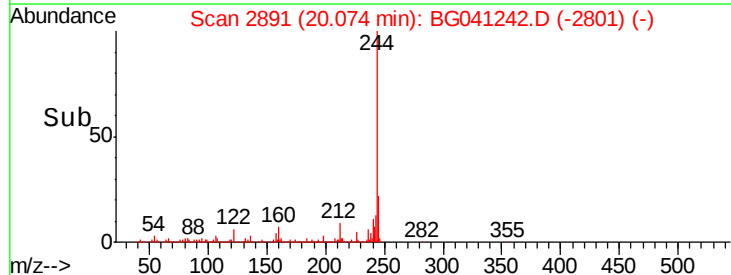
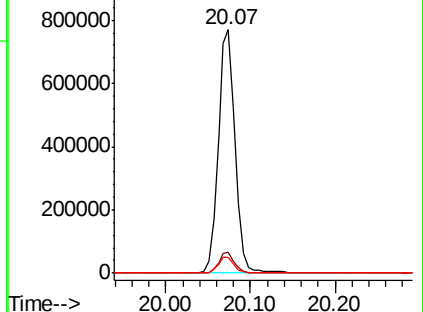
122 6.3 5.4 8.0

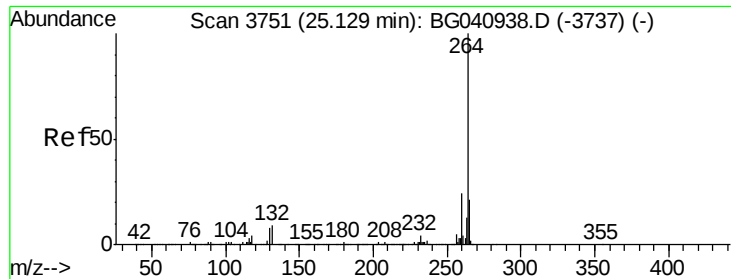


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Instrument :
BNA_G
ClientSampleId :
CONCRETE-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	23.3	17.0	25.4

