

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041239.D
 Acq On : 14 Jun 2019 3:08
 Operator : HP/JU
 Sample : K3333-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-4

Quant Time: Jun 14 06:01:30 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

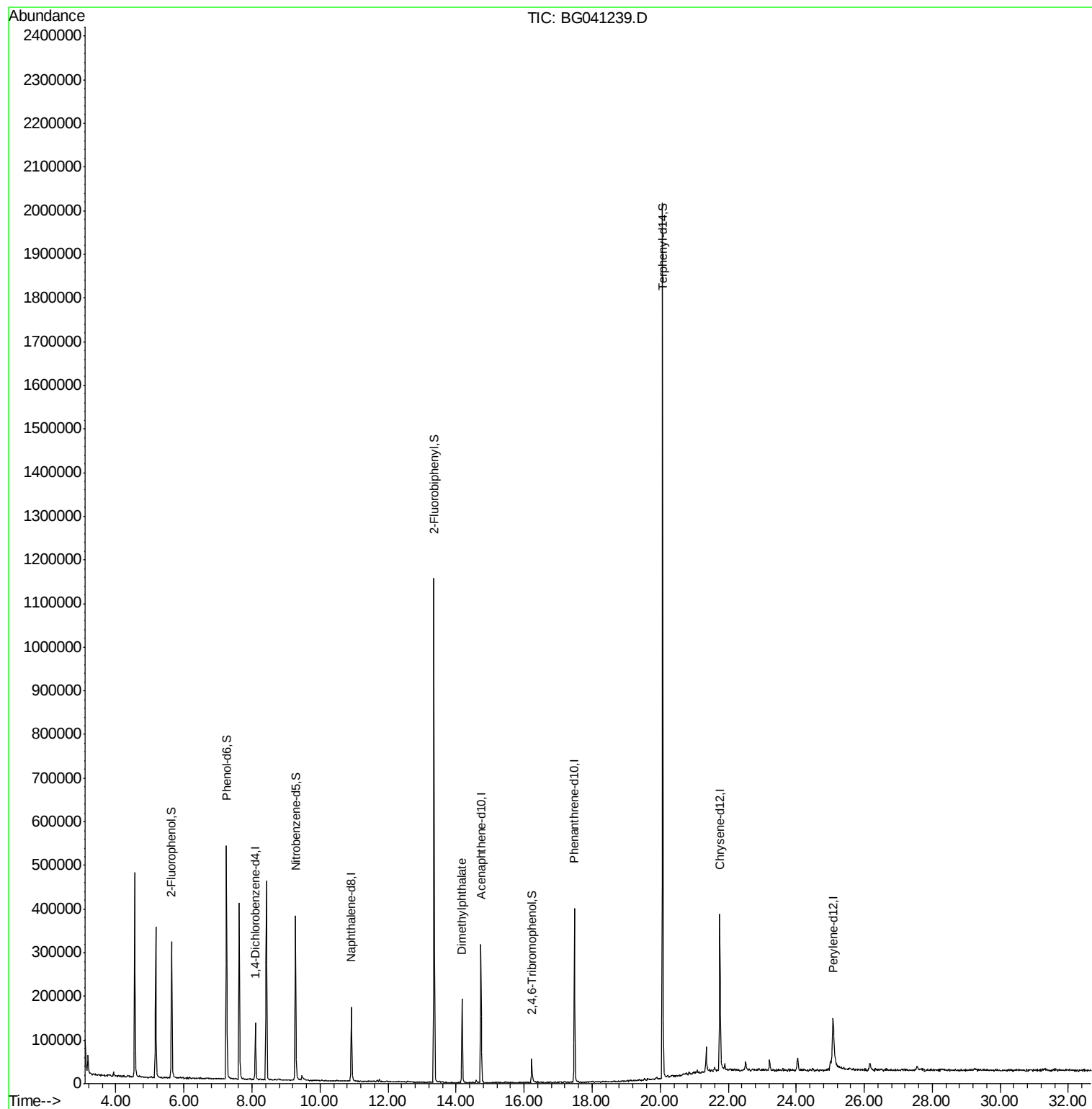
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35042	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	143349	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	105819	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	265269	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251032	20.00	ng	0.00
87) Perylene-d12	25.09	264	216324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	121555	62.55	ng	0.00
7) Phenol-d6	7.25	99	292115	97.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	236453	73.23	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	12873	8.19	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	587850	80.00	ng	0.00
79) Terphenyl-d14	20.07	244	1011790	85.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	130179	14.533	ng	Qvalue 99

(#) = 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: BG041239.D

Acq: 14 Jun 2019 3:08

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BNA_G

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CONCRETE-4

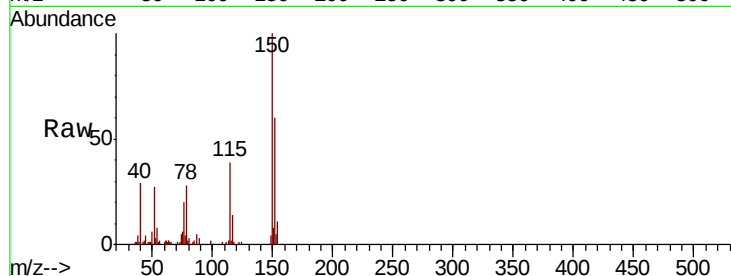
Tot Ion:152 Resp: 35042

Ion Ratio Lower Upper

152 100

150 165.7 120.6 180.8

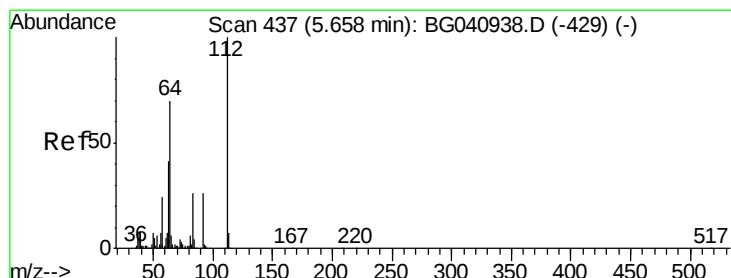
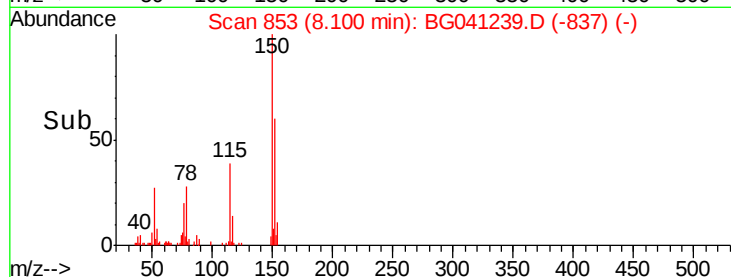
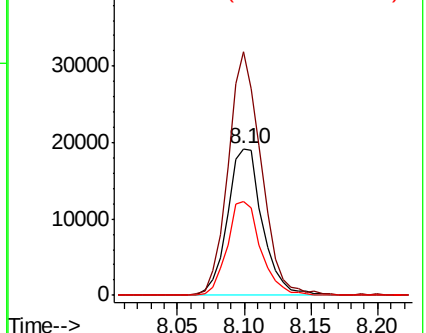
115 64.1 45.1 67.7



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: 62.550 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041239.D

Acq: 14 Jun 2019 3:08

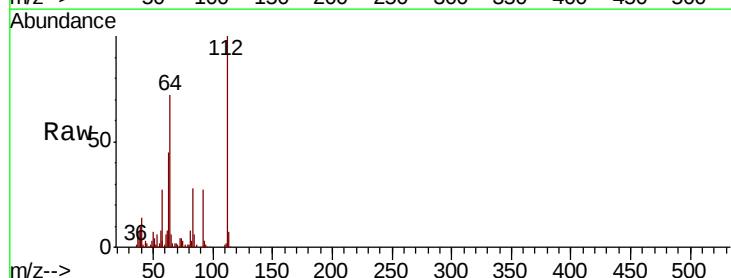
Tgt Ion:112 Resp: 121555

Ion Ratio Lower Upper

112 100

64 71.8 56.2 84.2

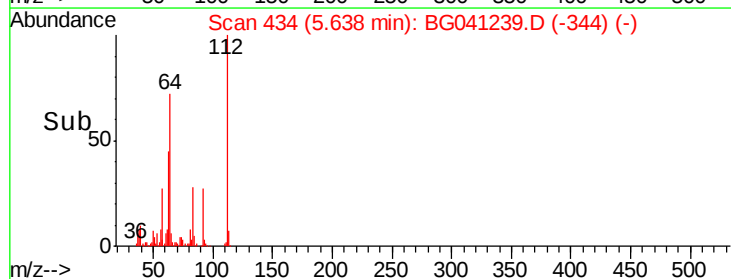
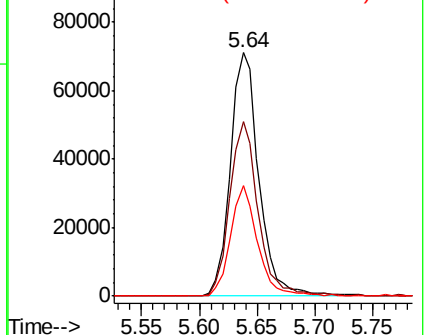
63 45.3 32.8 49.2

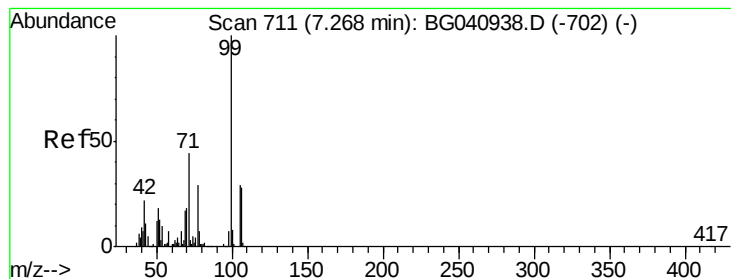


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.331 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041239.D

Acq: 14 Jun 2019 3:08

Instrument :

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ClientSampleId :

CONCRETE-4

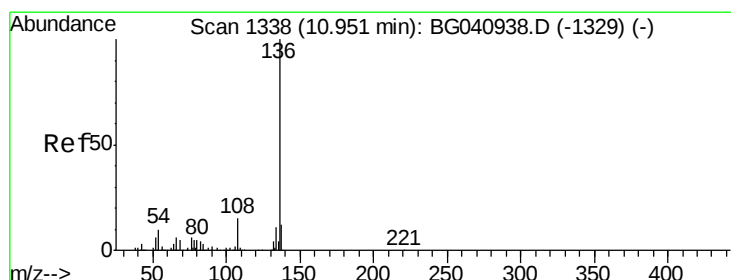
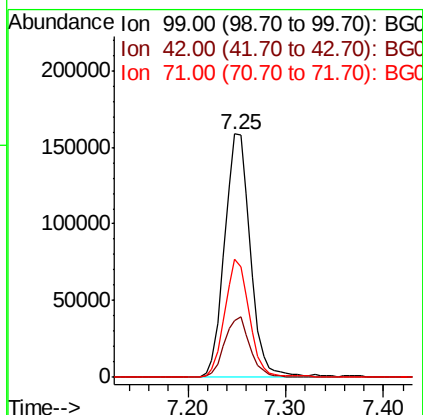
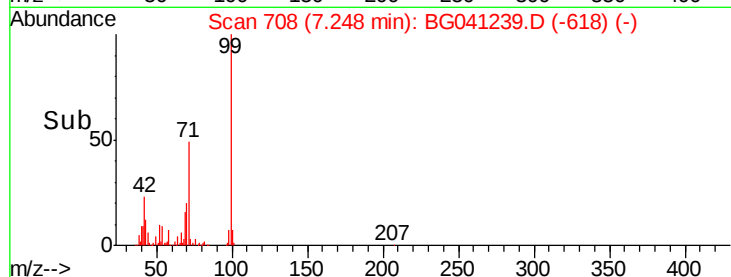
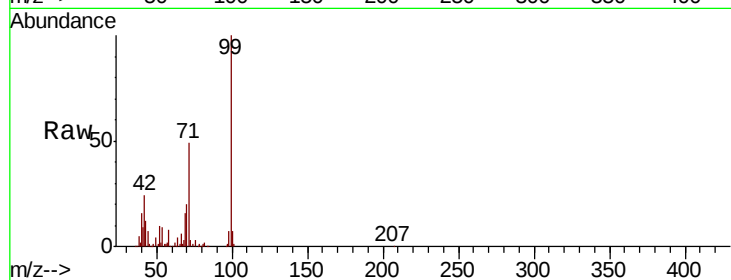
Tot Ion: 99 Resp: 292115

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 48.6 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG041239.D

Acq: 14 Jun 2019 3:08

Tgt Ion: 136 Resp: 143349

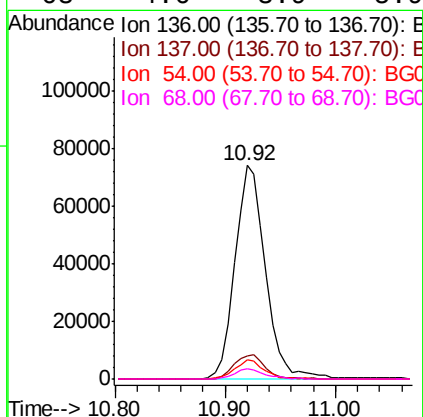
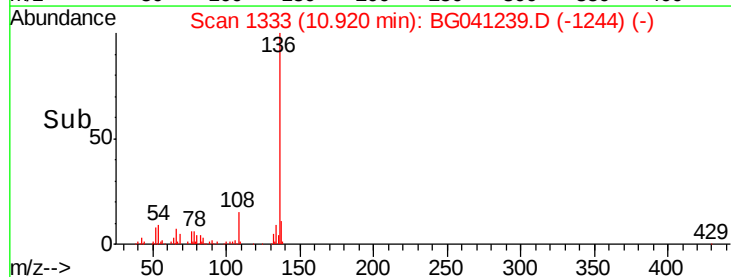
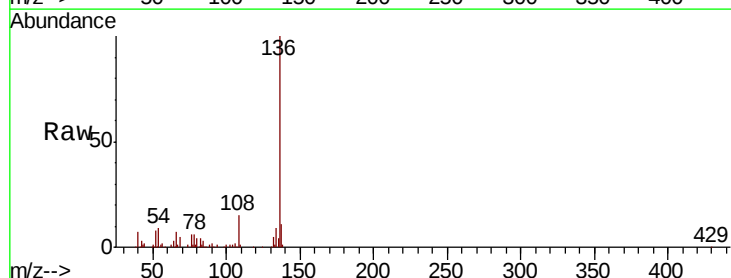
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 9.0 7.6 11.4

68 4.6 3.9 5.9

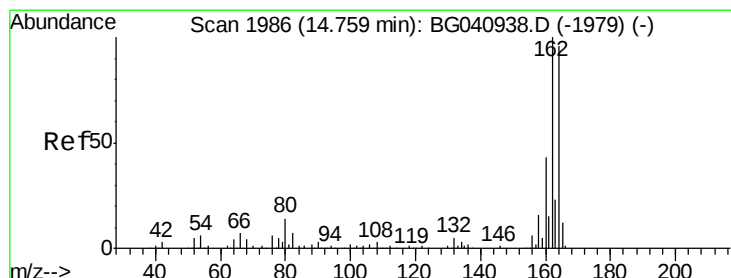
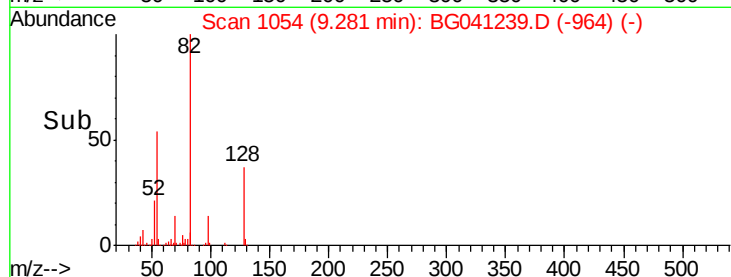
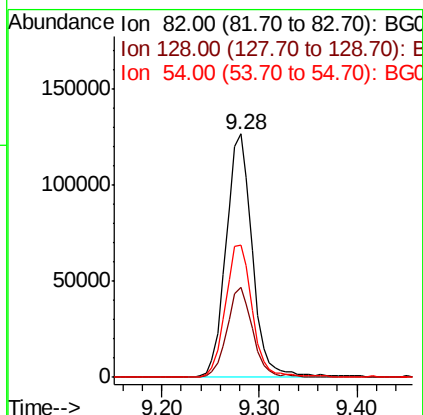
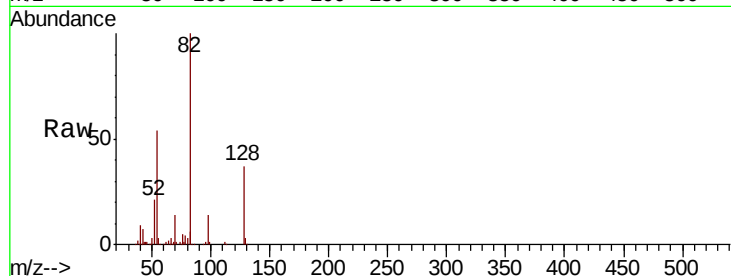




#23
Nitrobenzene-d5
Concen: 73.227 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041239.D
Acq: 14 Jun 2019 3:08

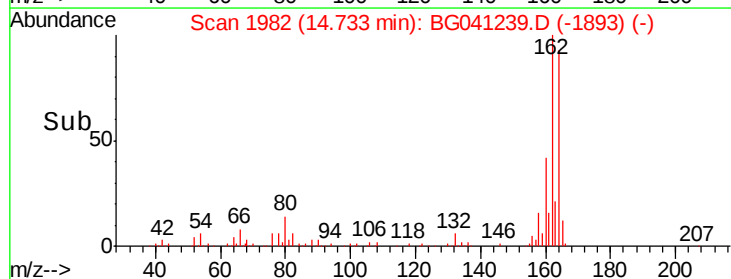
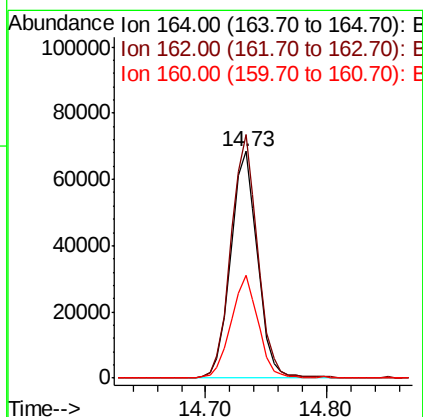
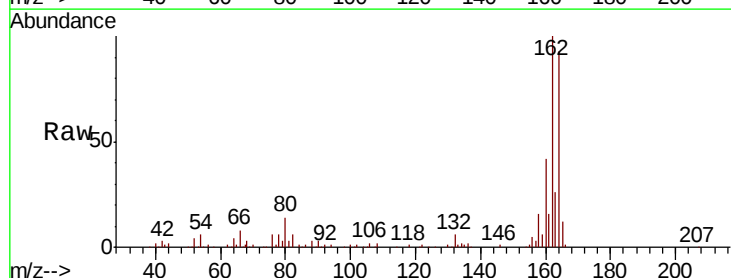
Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

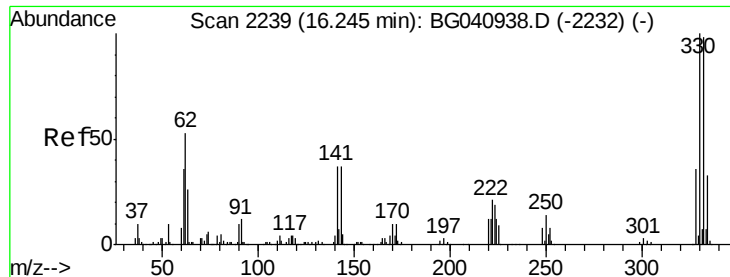
Tot Ion	82	Resp	236453
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	54.2	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041239.D
Acq: 14 Jun 2019 3:08

Tgt Ion	164	Resp	105819
Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.0	124.4
160	45.5	35.6	53.4

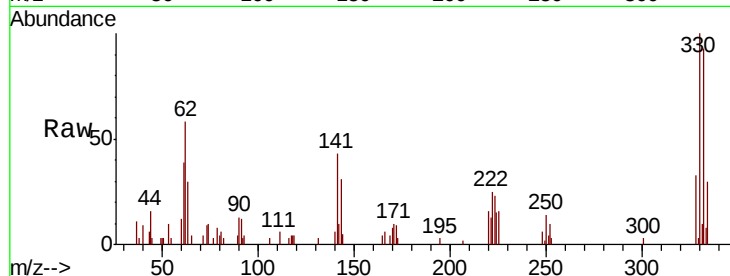




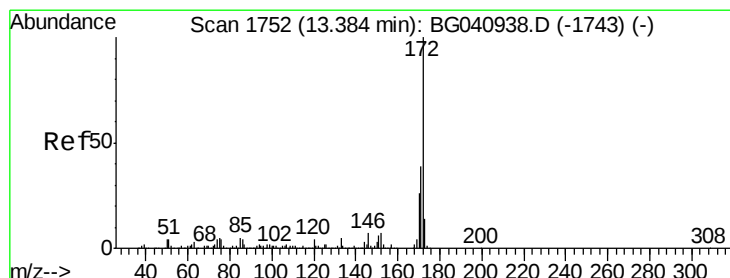
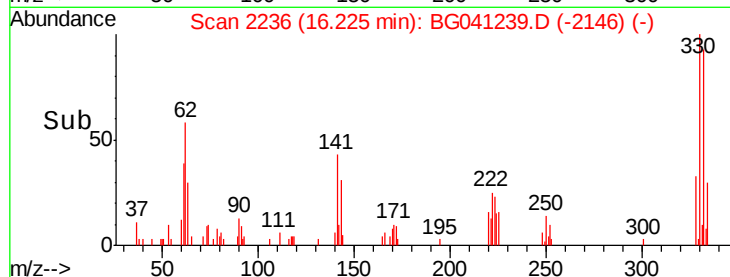
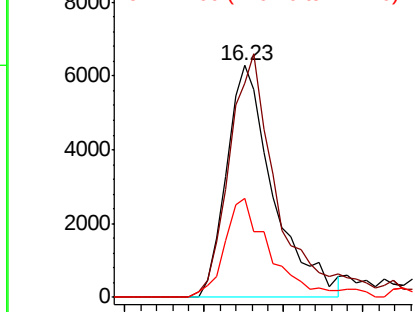
#42
 2,4,6-Tribromophenol
 Concen: 8.194 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041239.D
 Acq: 14 Jun 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-4

Tot Ion:330 Resp: 12873
 Ion Ratio Lower Upper
 330 100
 332 108.5 78.5 117.7
 141 41.0 28.7 43.1

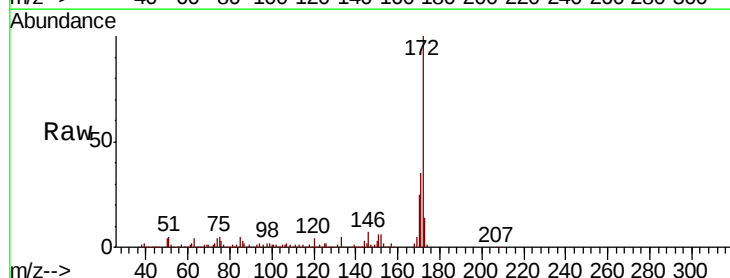


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

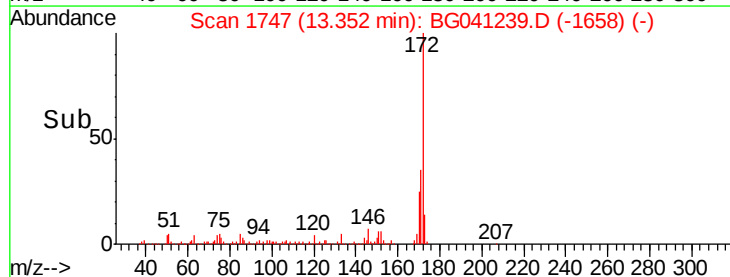
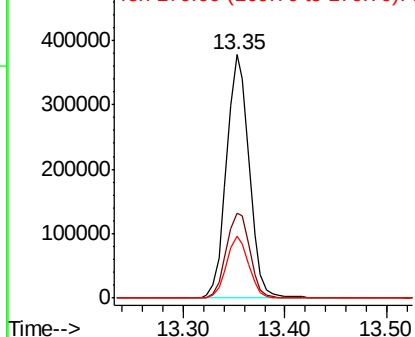


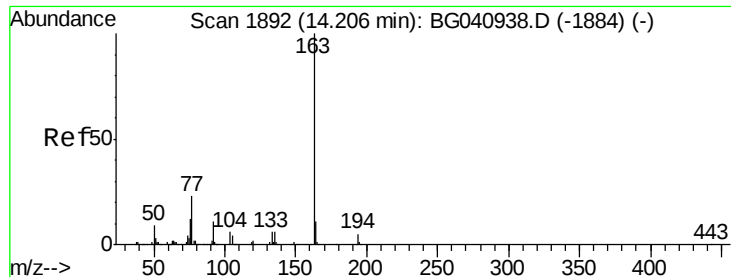
#45
 2-Fluorobiphenyl
 Concen: 80.001 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG041239.D
 Acq: 14 Jun 2019 3:08

Tgt Ion:172 Resp: 587850
 Ion Ratio Lower Upper
 172 100
 171 35.0 31.1 46.7
 170 25.3 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





#50

Dimethylphthalate

Concen: 14.533 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041239.D

Acq: 14 Jun 2019 3:08

Instrument :

BNA_G

ClientSampleId :

CONCRETE-4

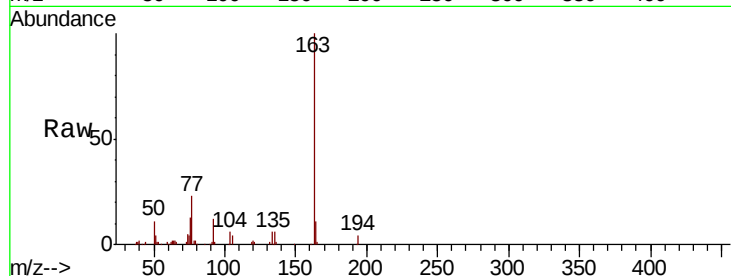
Tot Ion:163 Resp: 130179

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.8

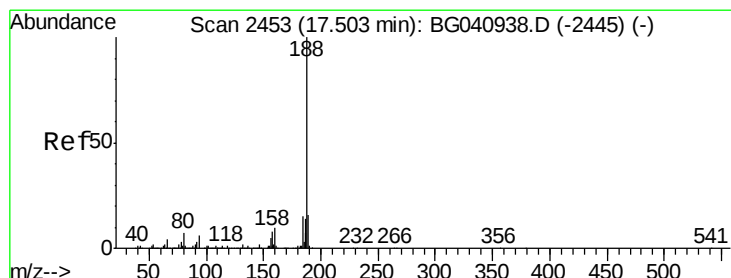
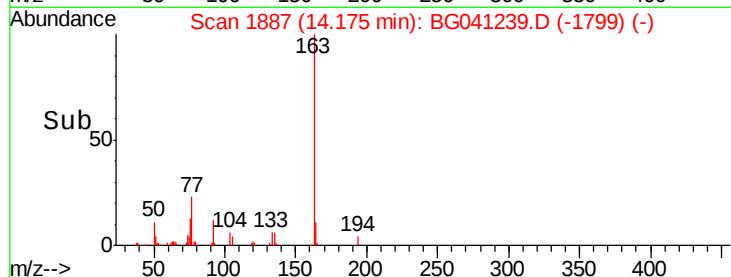
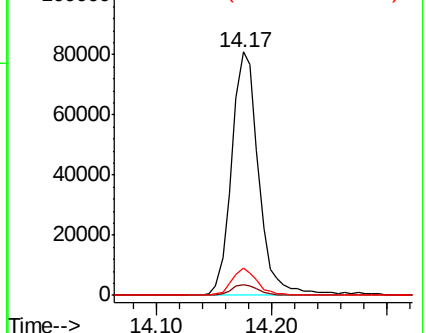
164 11.1 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041239.D

Acq: 14 Jun 2019 3:08

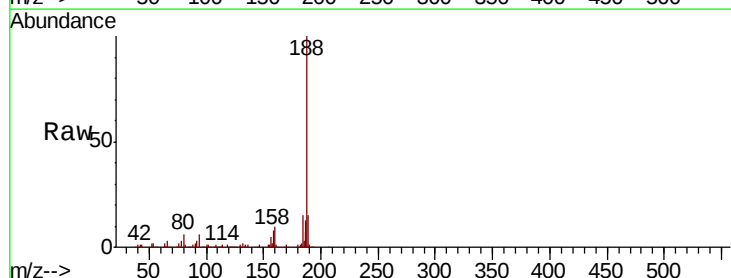
Tgt Ion:188 Resp: 265269

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

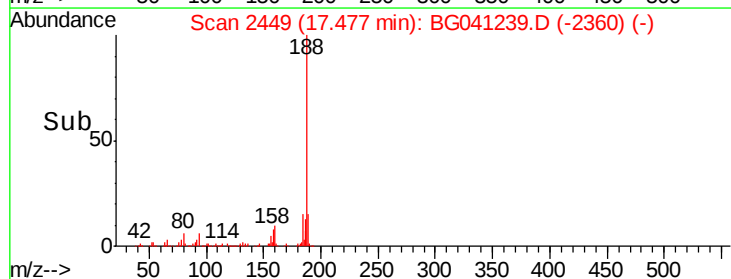
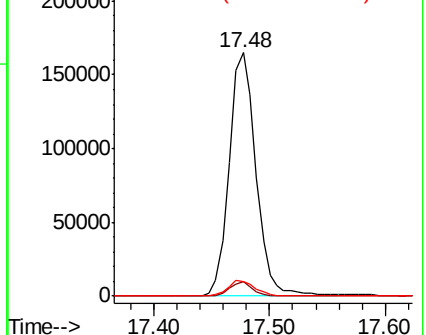
80 5.9 5.8 8.8

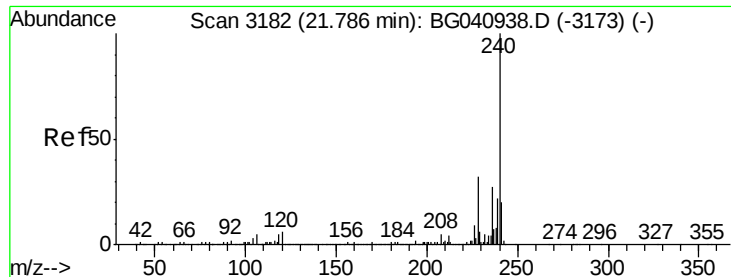


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

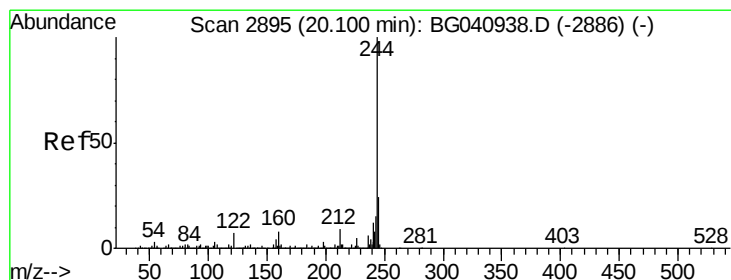
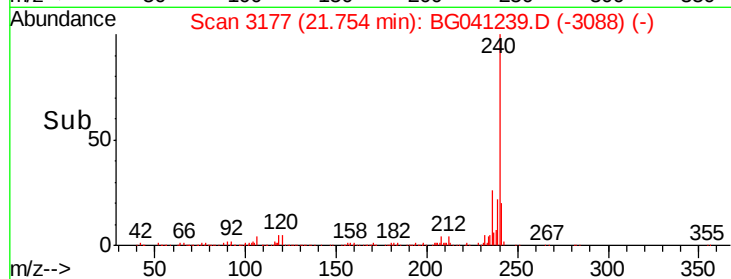
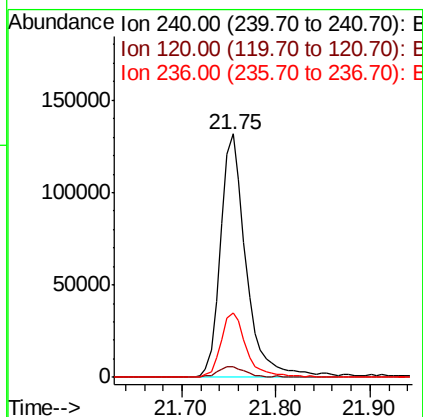
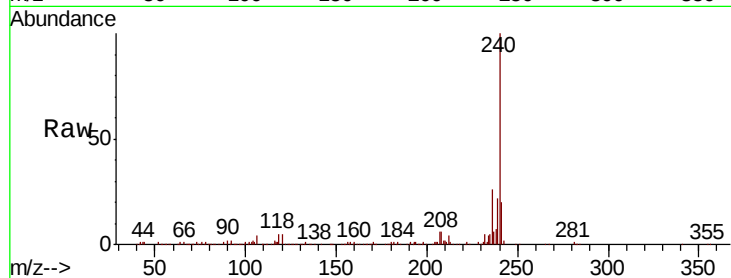




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG041239.D
 Acq: 14 Jun 2019 3:08

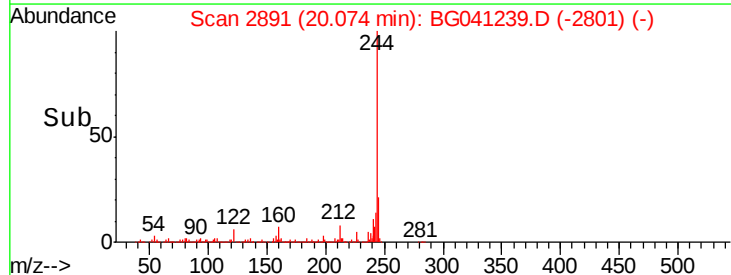
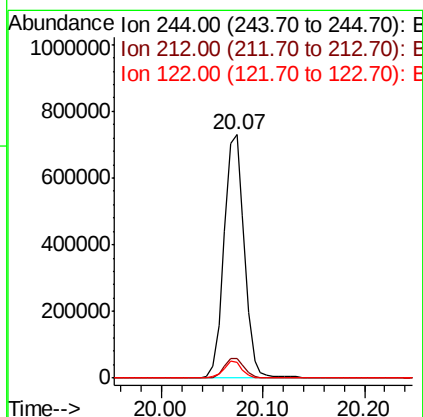
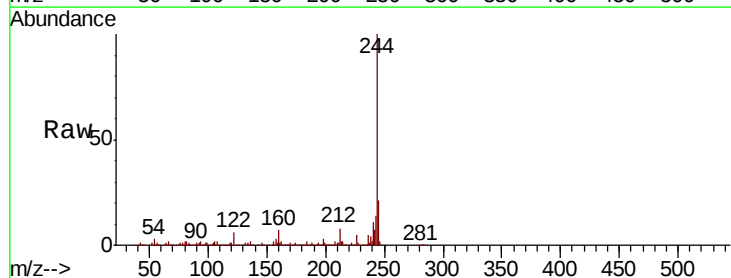
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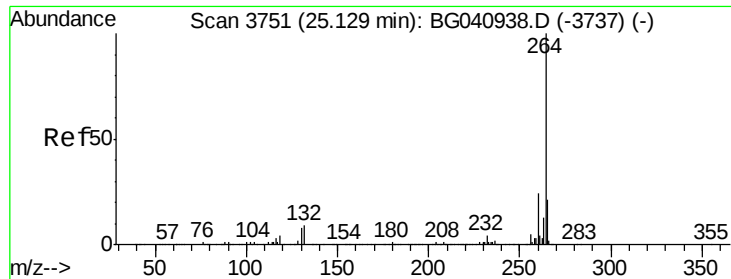
Tot Ion:240 Resp: 251032
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.5 6.7
 236 26.5 21.3 31.9



#79
 Terphenyl-d14
 Concen: 85.542 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041239.D
 Acq: 14 Jun 2019 3:08

Tgt Ion:244 Resp: 1011790
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 6.3 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: BG041239.D
 Acq: 14 Jun 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	22.2	17.0	25.4

