

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

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Quant Time: Jun 15 04:33:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 15:26:06 2019
 Response via : Initial Calibration

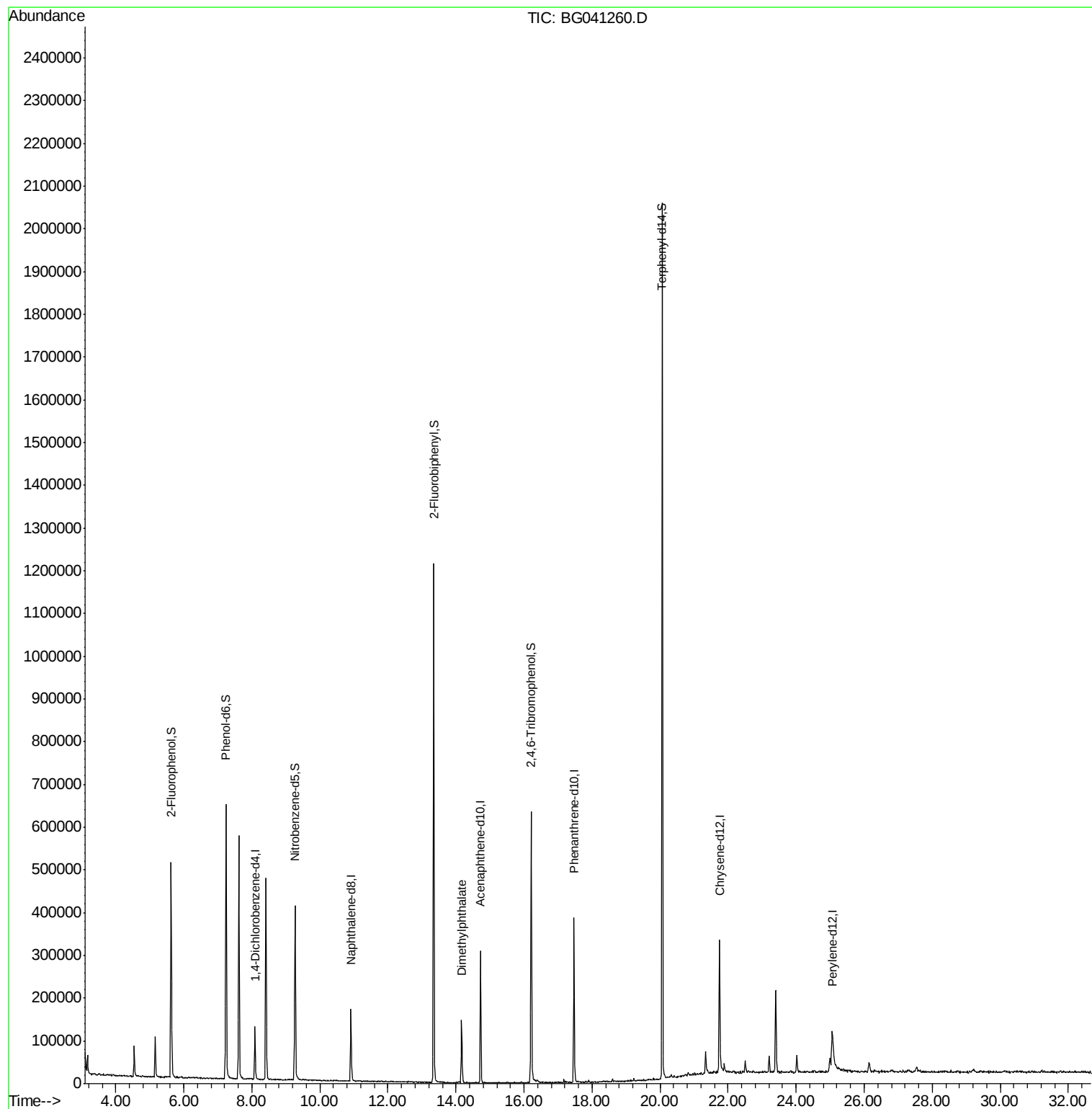
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34726	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	146777	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	104921	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	251614	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	231831	20.00	ng	-0.01
87) Perylene-d12	25.06	264	173964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	203410	107.93	ng	0.00
7) Phenol-d6	7.24	99	335572	116.48	ng	0.00
23) Nitrobenzene-d5	9.27	82	254418	75.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	129845	89.46	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	624157	78.74	ng	-0.01
79) Terphenyl-d14	20.07	244	1016695	85.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	102752	11.619	ng	Qvalue 97

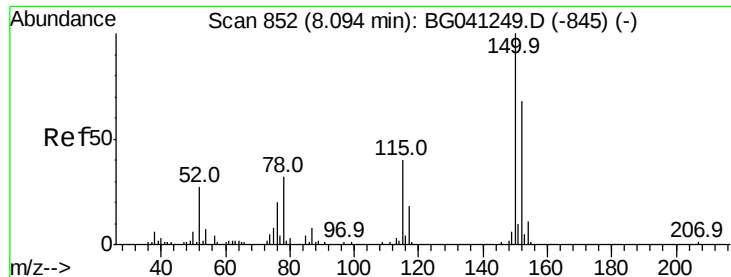
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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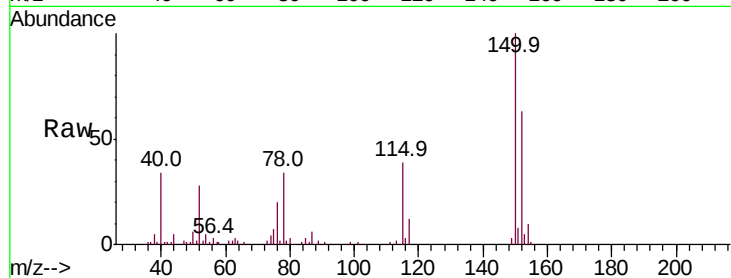


#1

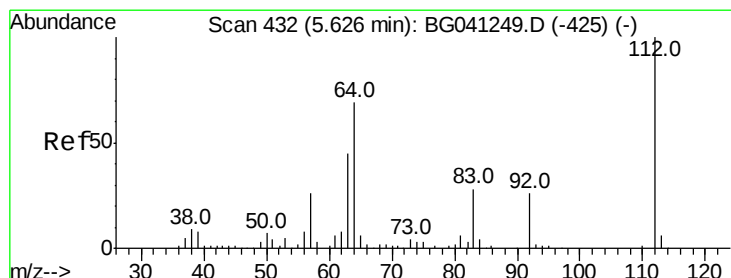
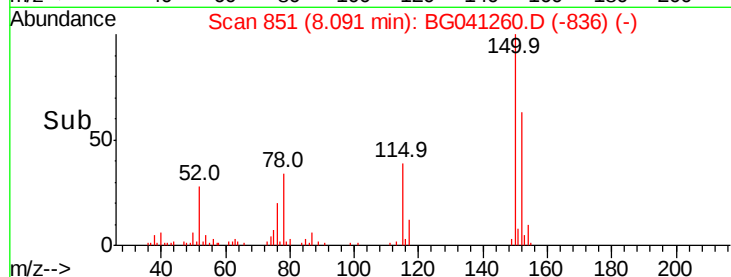
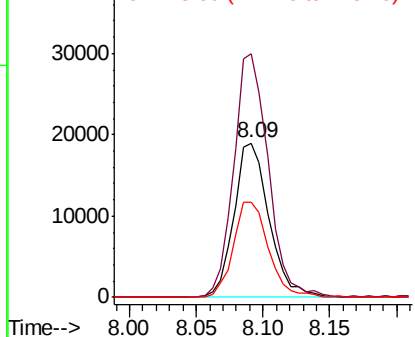
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tot Ion:152 Resp: 34726
Ion Ratio Lower Upper
152 100
150 158.1 120.6 180.8
115 61.9 45.1 67.7



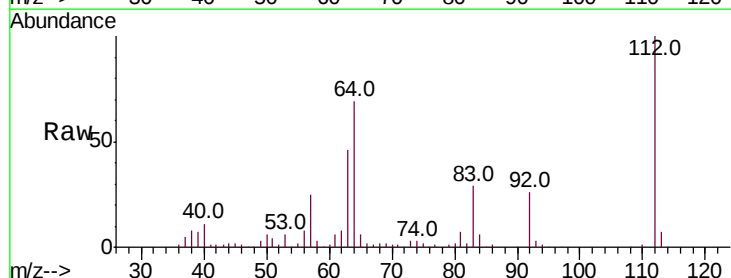
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



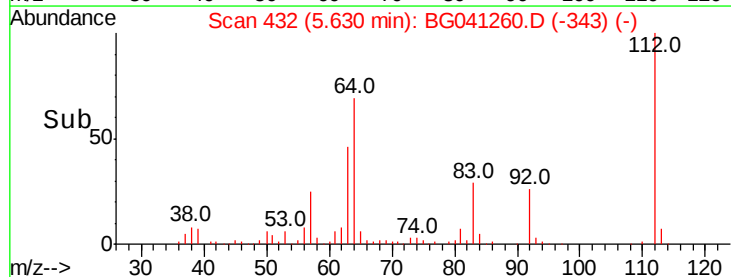
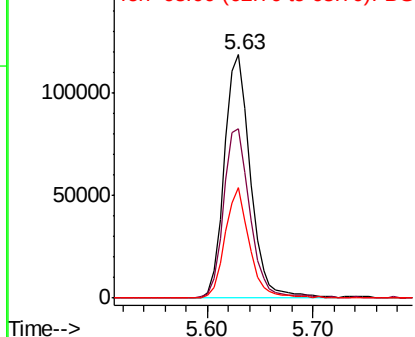
#5

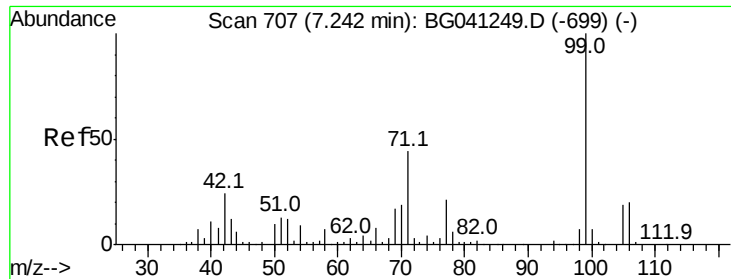
2-Fluorophenol
Concen: 107.933 ng
RT: 5.63 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Tgt Ion:112 Resp: 203410
Ion Ratio Lower Upper
112 100
64 69.5 56.2 84.2
63 45.5 32.8 49.2



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





#7

Phenol-d6

Concen: 116.475 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

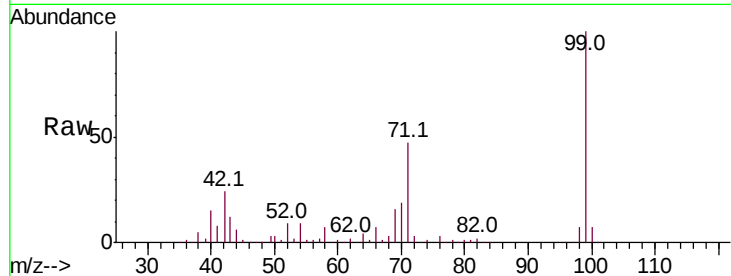
Tot Ion: 99 Resp: 335572

Ion Ratio Lower Upper

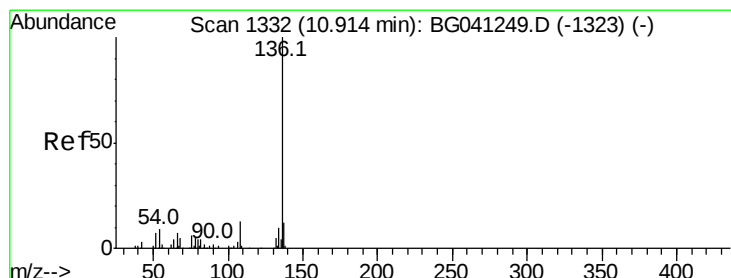
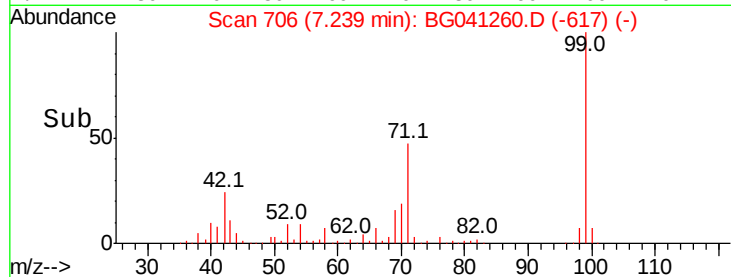
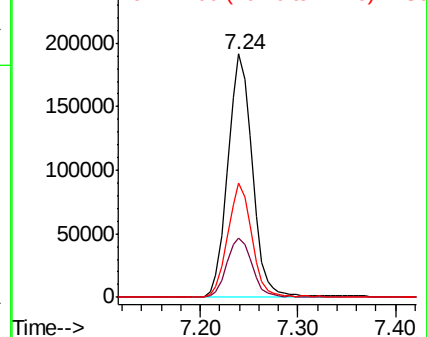
99 100

42 24.3 17.9 26.9

71 47.2 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Tgt Ion:136 Resp: 146777

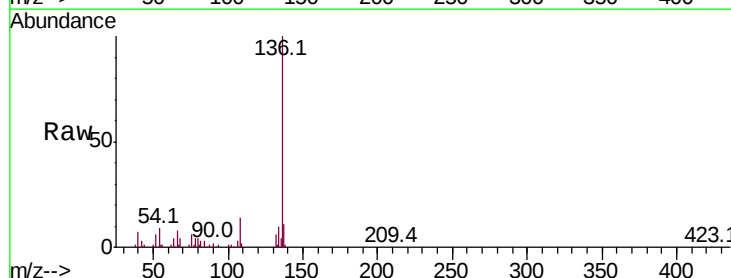
Ion Ratio Lower Upper

136 100

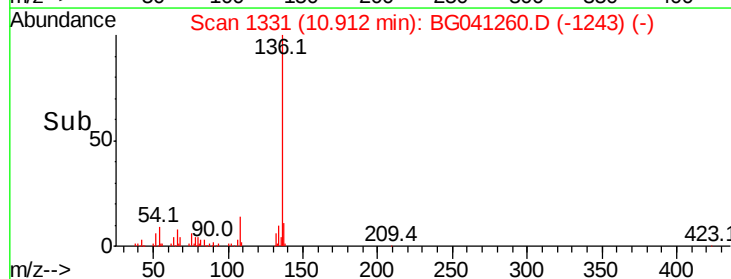
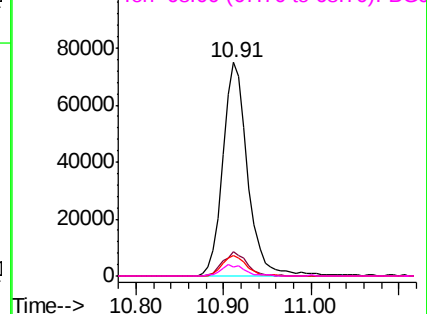
137 11.3 9.5 14.3

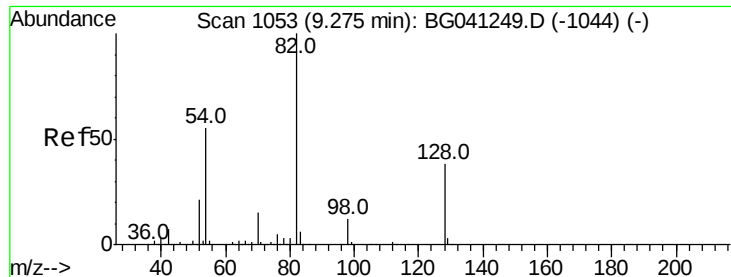
54 9.3 7.6 11.4

68 4.1 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 75.227 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

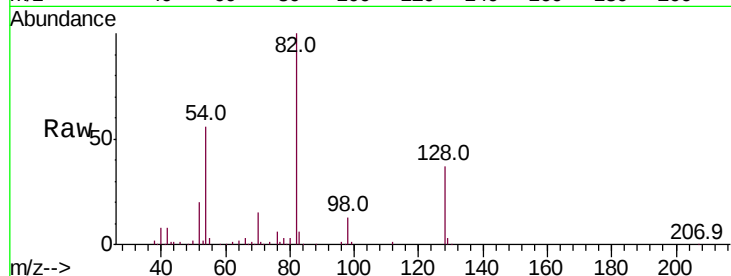
Tot Ion: 82 Resp: 254418

Ion Ratio Lower Upper

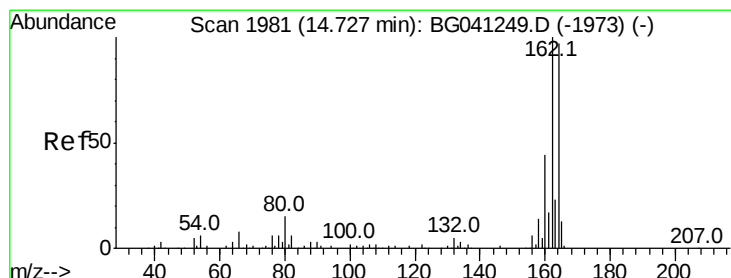
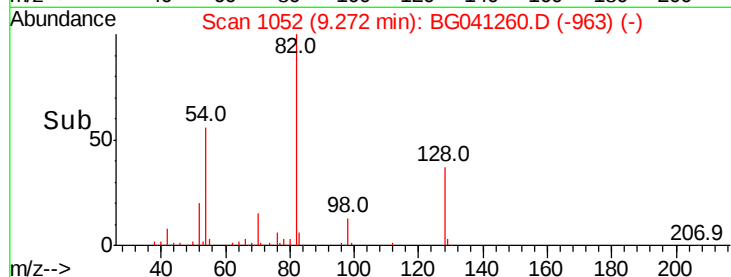
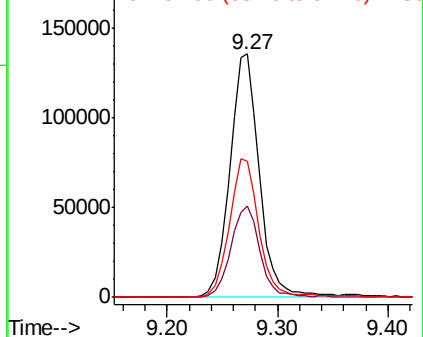
82 100

128 37.4 30.5 45.7

54 55.8 44.6 66.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

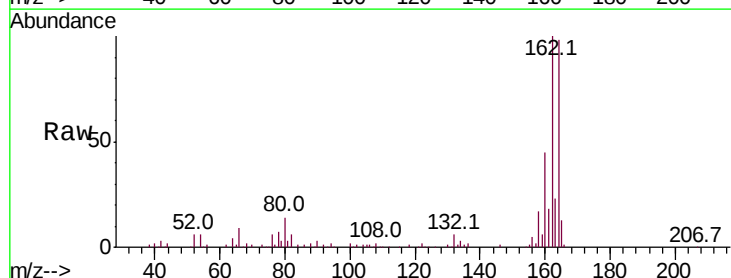
Tgt Ion:164 Resp: 104921

Ion Ratio Lower Upper

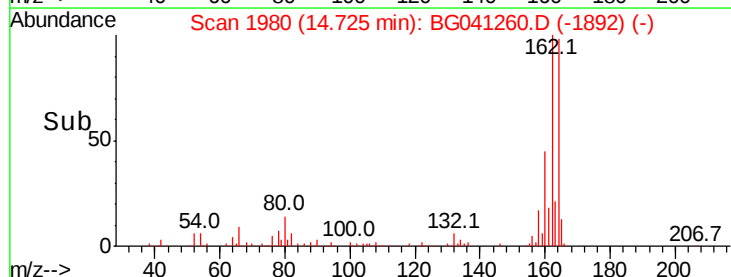
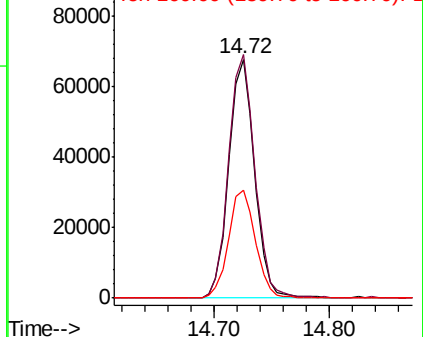
164 100

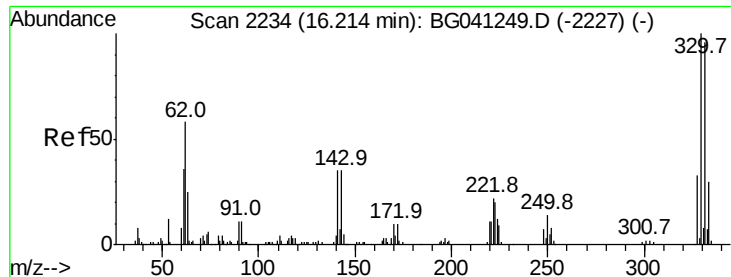
162 101.9 83.0 124.4

160 45.4 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

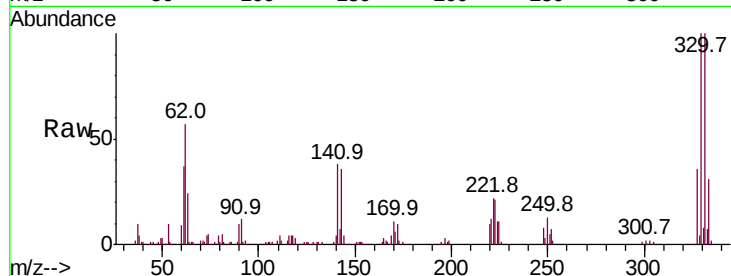




#42
 2,4,6-Tribromophenol
 Concen: 89.461 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG041260.D
 Acq: 14 Jun 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

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

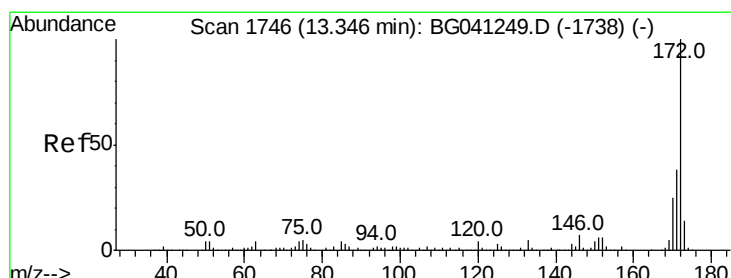
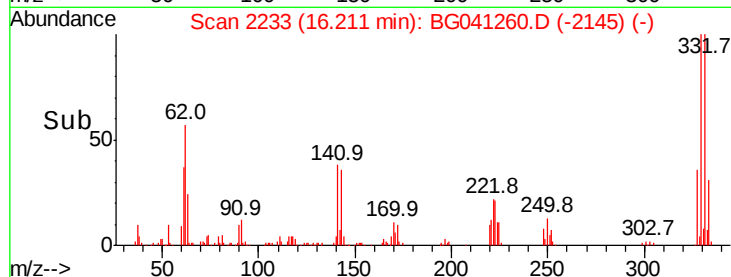
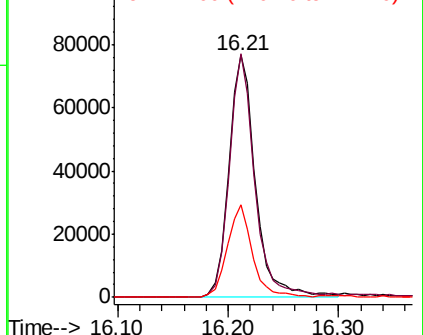


Abundance

Ion 329.80 (329.50 to 330.50): E

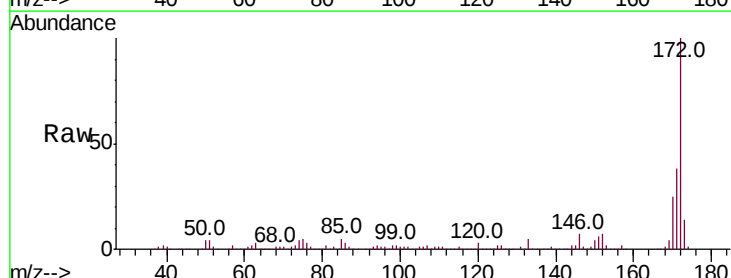
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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

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

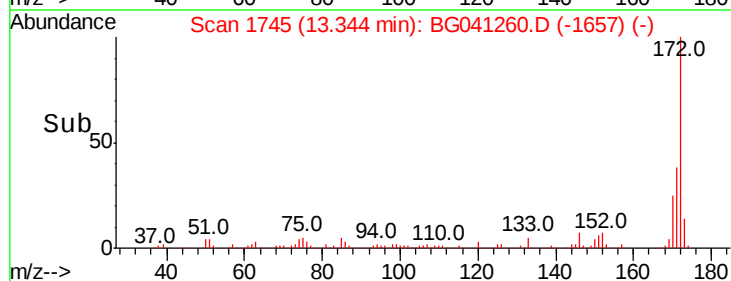
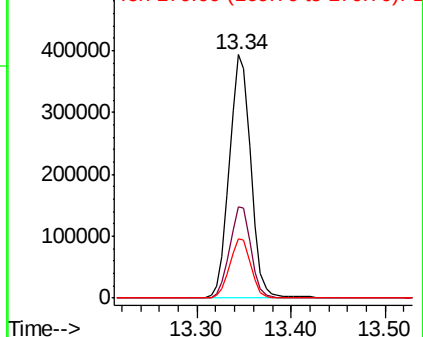


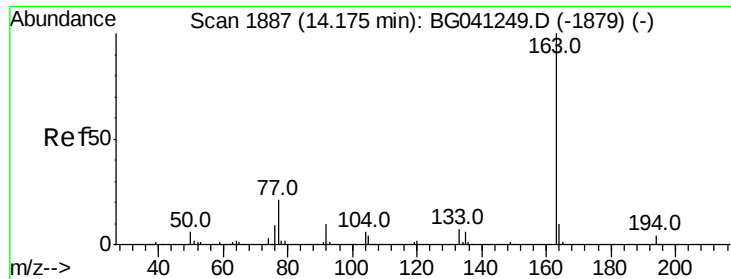
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.619 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

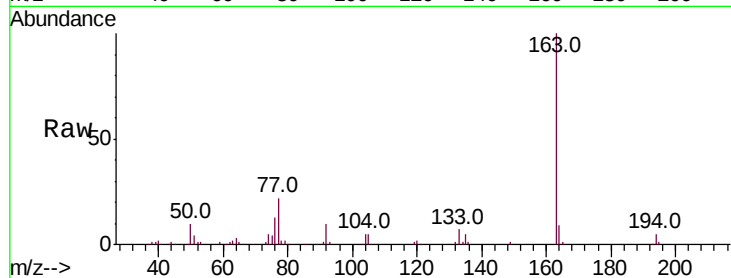
Tot Ion:163 Resp: 102752

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

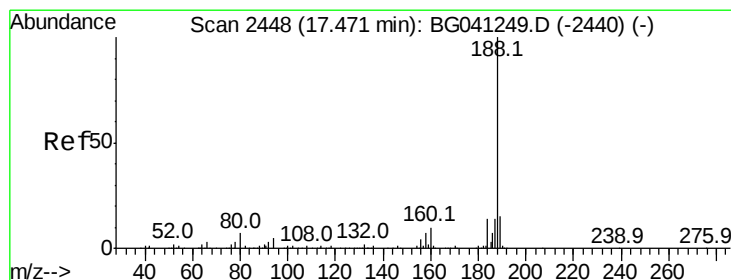
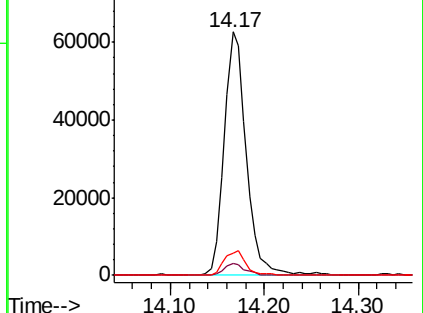
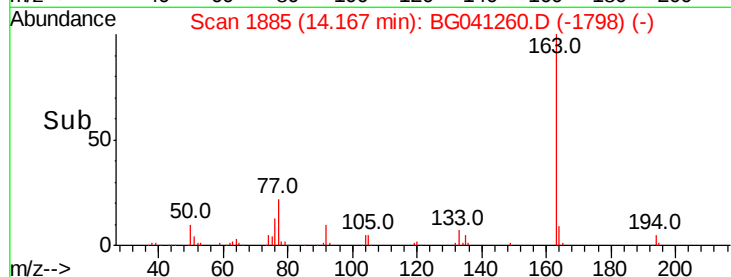
164 9.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

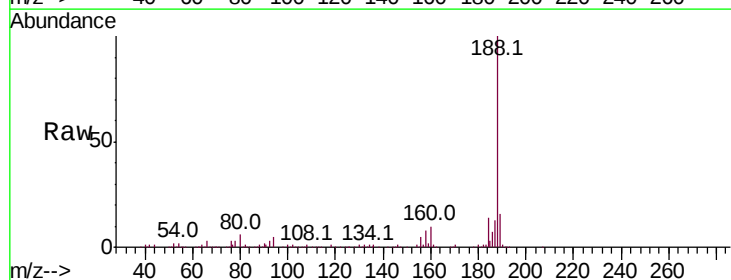
Tgt Ion:188 Resp: 251614

Ion Ratio Lower Upper

188 100

94 5.1 4.7 7.1

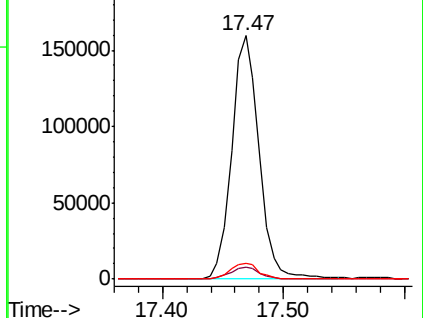
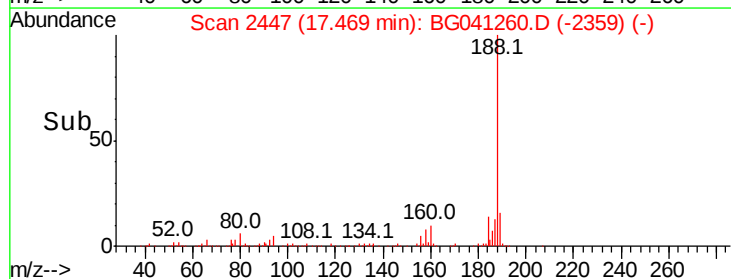
80 6.5 5.8 8.8

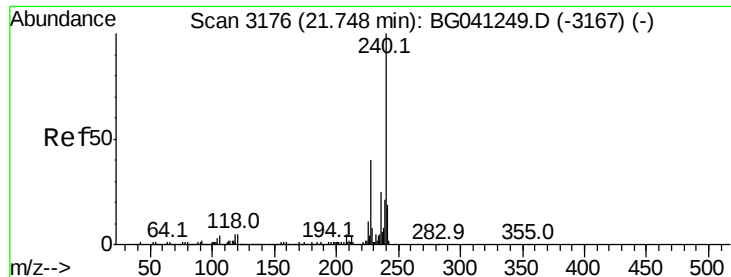


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

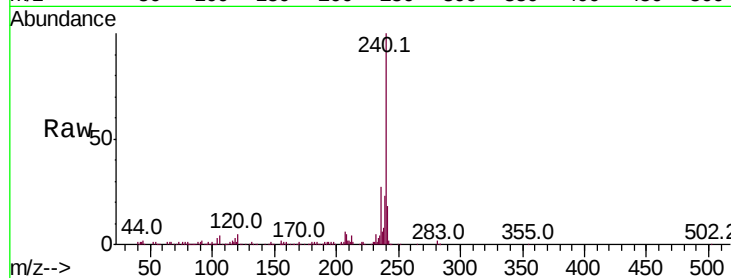
Tot Ion:240 Resp: 231831

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

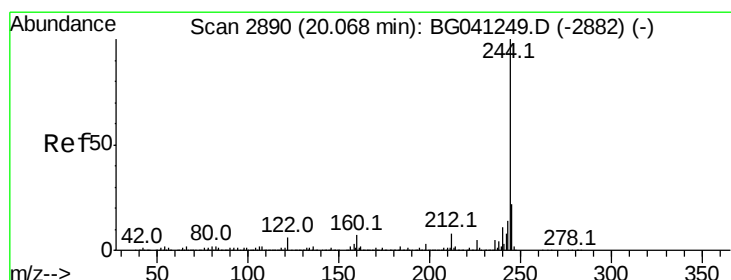
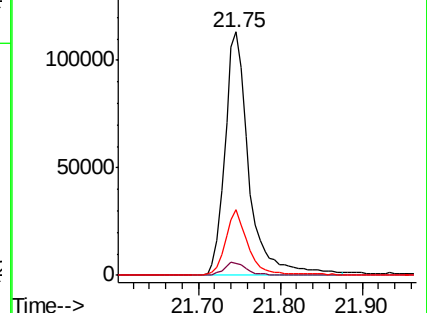
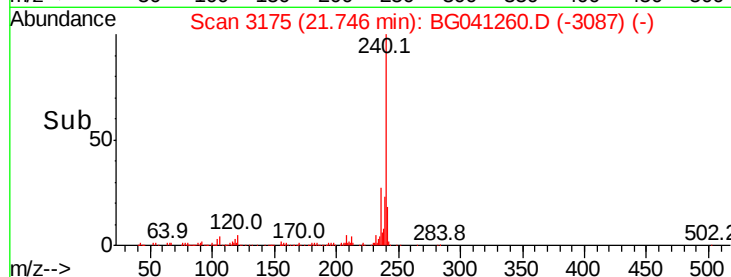
236 27.0 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 85.986 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041260.D

Acq: 14 Jun 2019 19:24

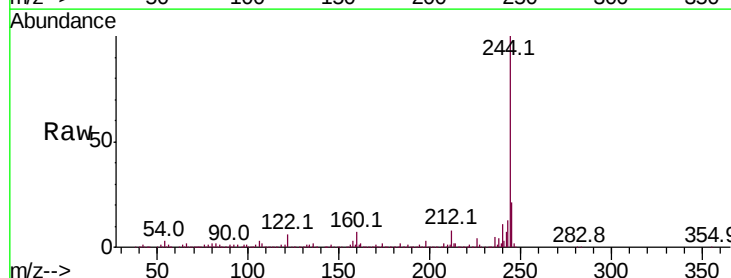
Tgt Ion:244 Resp: 1016695

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

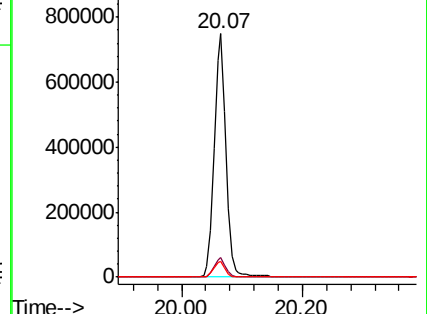
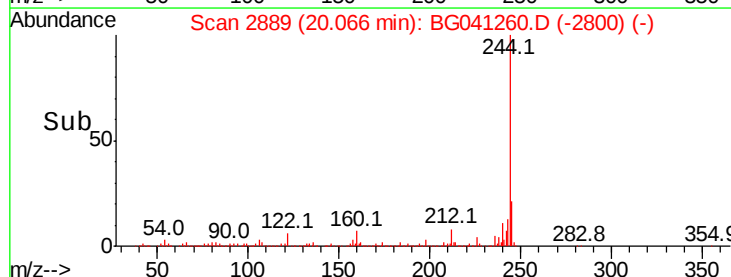
122 6.4 5.4 8.0

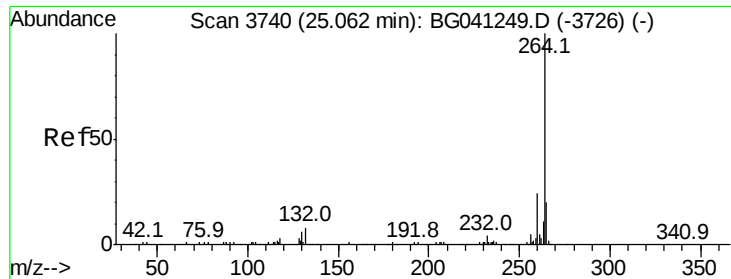


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

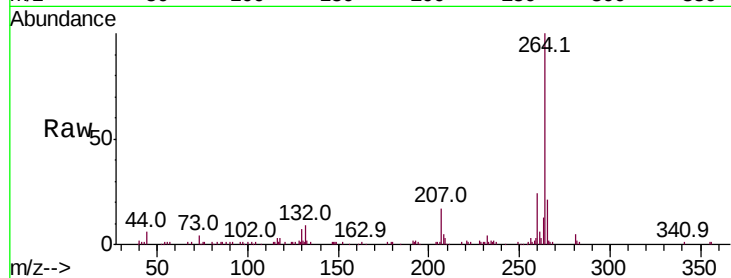




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG041260.D
Acq: 14 Jun 2019 19:24

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.0	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

