

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

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Jun 15 04:16:28 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

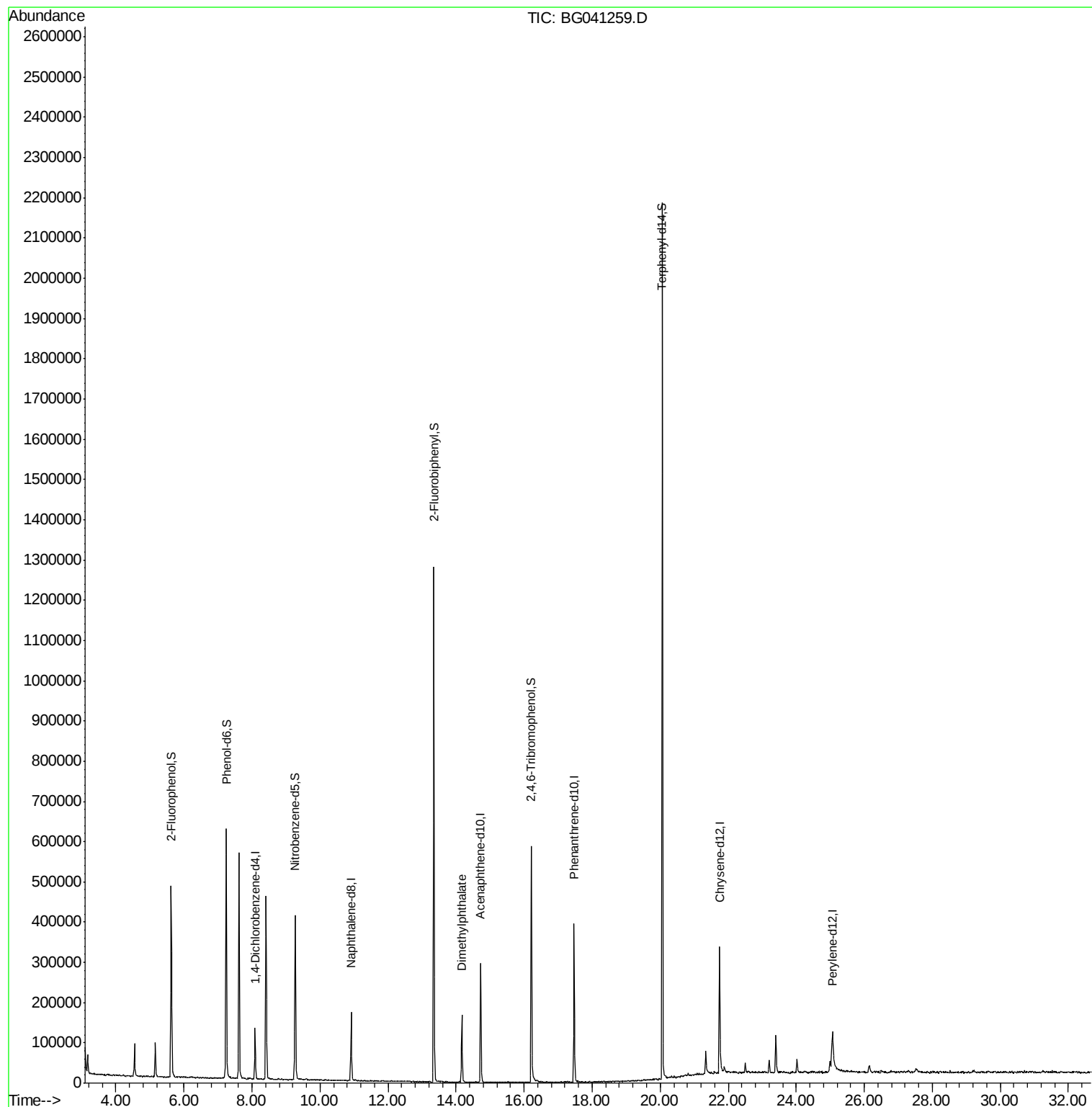
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35617	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	145427	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	106476	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	257171	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	235453	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						
50) Dimethylphthalate	14.17	163	112862	12.576	ng	Qvalue # 95

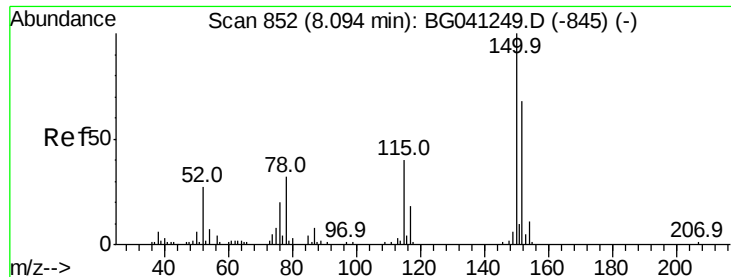
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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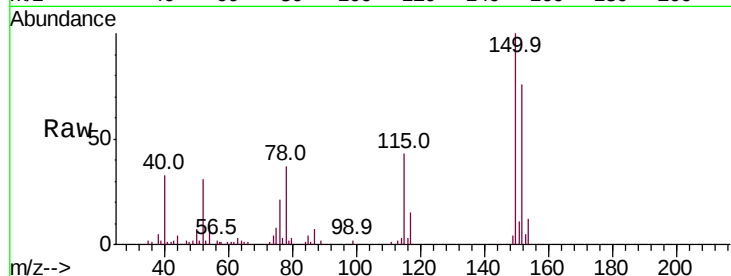


#1

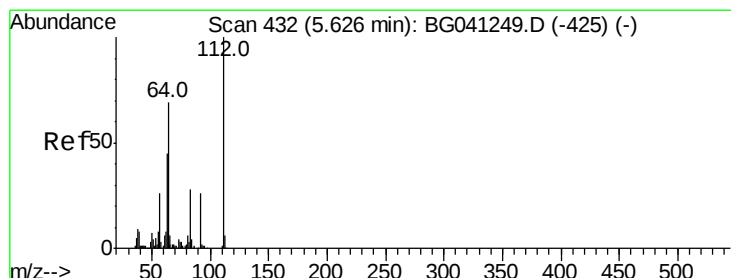
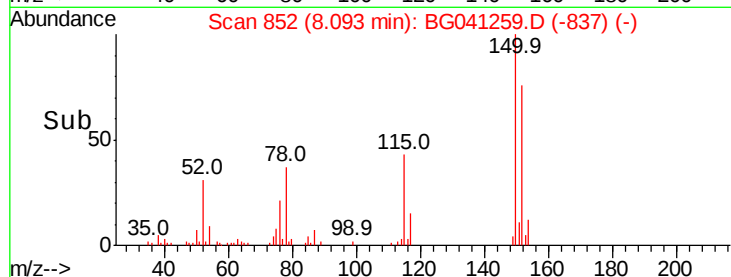
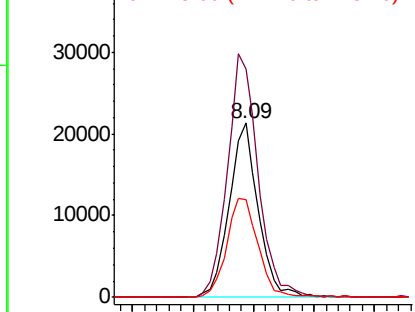
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.5	120.6	180.8
115	56.2	45.1	67.7



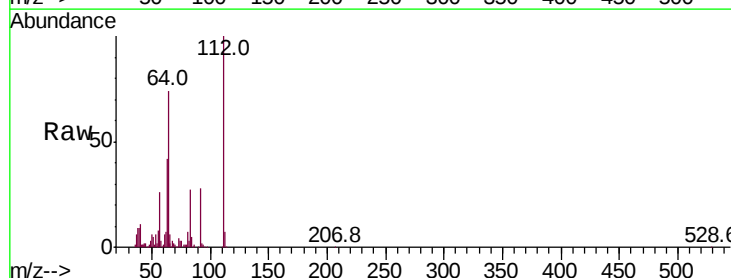
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



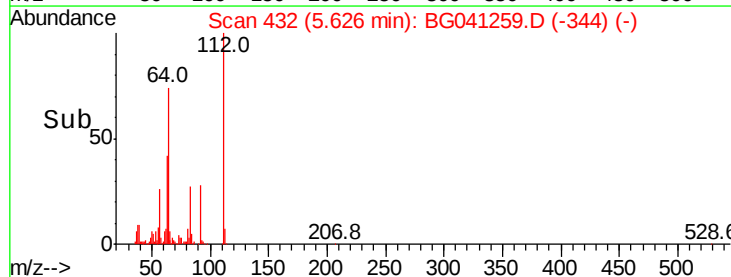
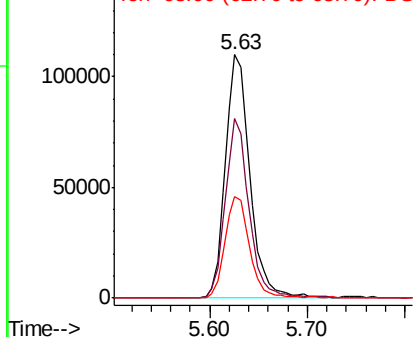
#5

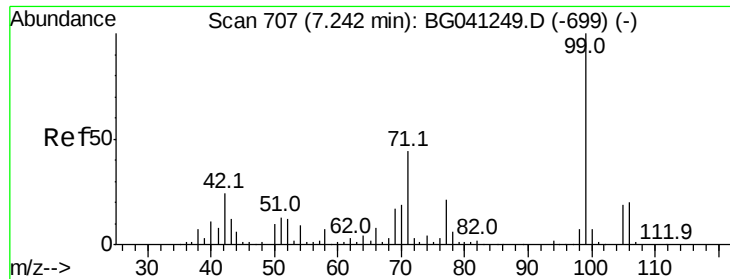
2-Fluorophenol
Concen: 99.571 ng
RT: 5.63 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Tgt 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): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#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

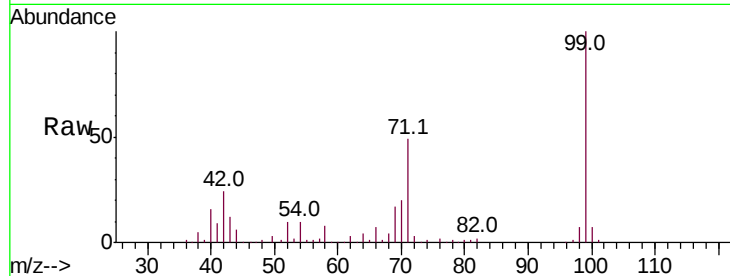
Tot Ion: 99 Resp: 329564

Ion Ratio Lower Upper

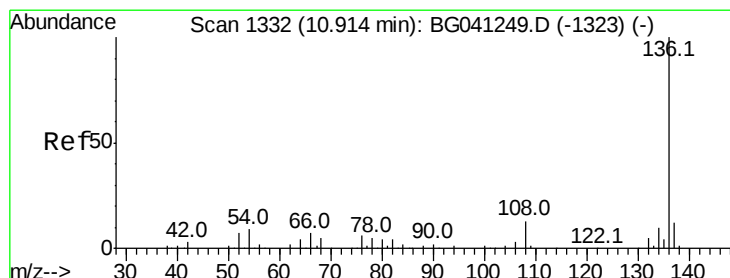
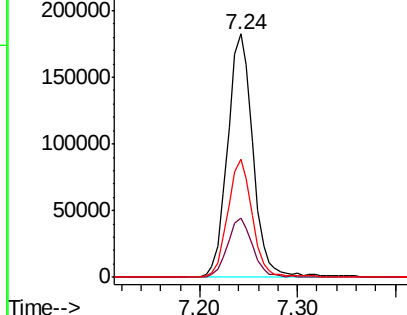
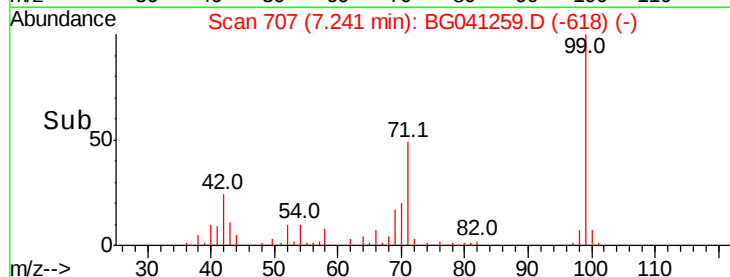
99 100

42 24.4 17.9 26.9

71 48.7 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
250000
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# 1332

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

Tgt Ion: 136 Resp: 145427

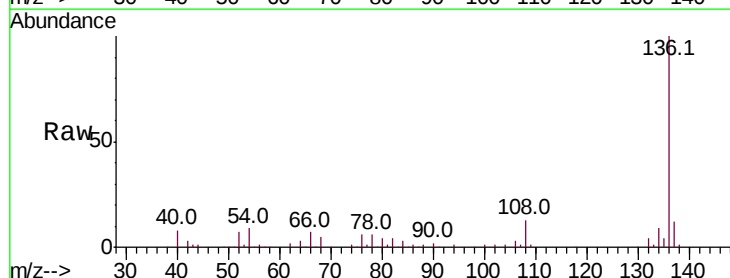
Ion Ratio Lower Upper

136 100

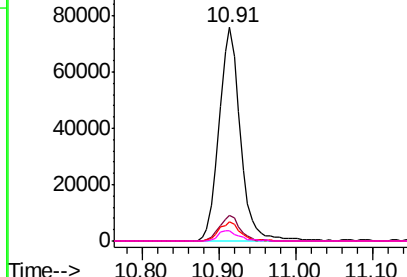
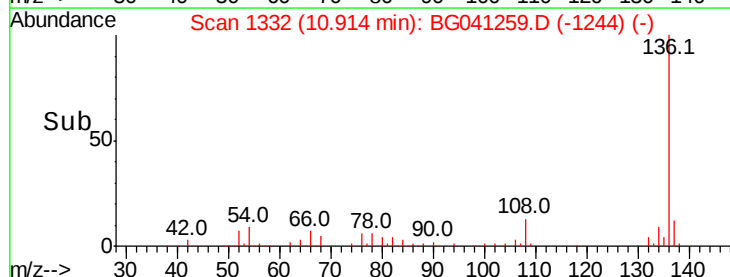
137 11.7 9.5 14.3

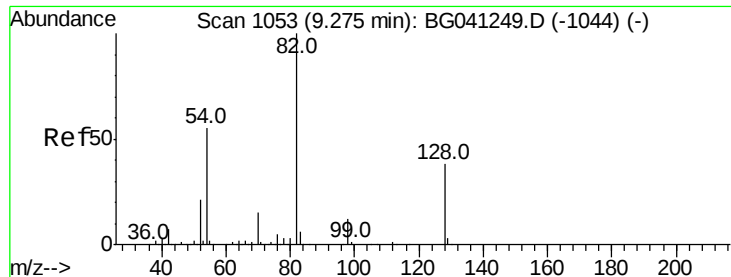
54 8.9 7.6 11.4

68 4.8 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
120000
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

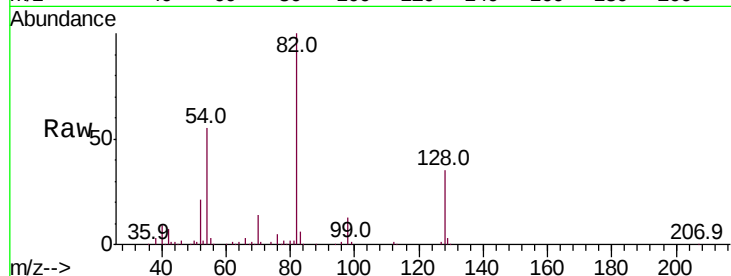




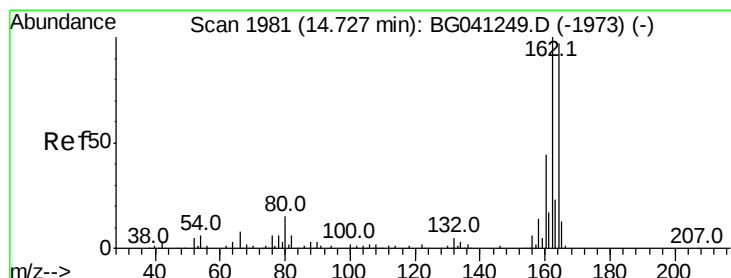
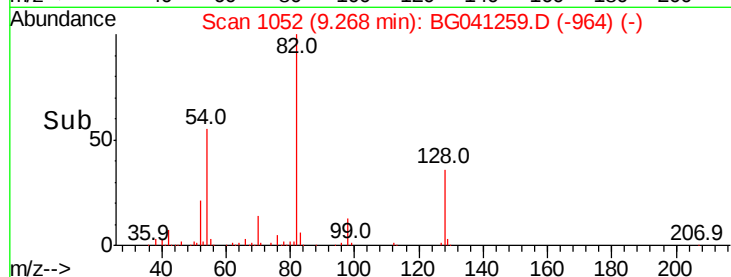
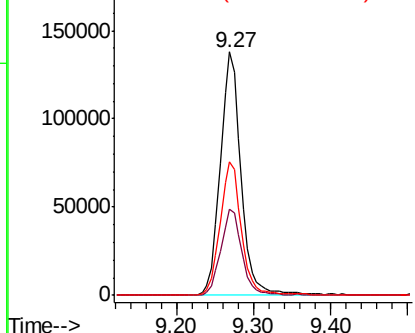
#23
Nitrobenzene-d5
Concen: 77.034 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

Tot Ion: 82 Resp: 258134
Ion Ratio Lower Upper
82 100
128 35.5 30.5 45.7
54 54.7 44.6 66.8

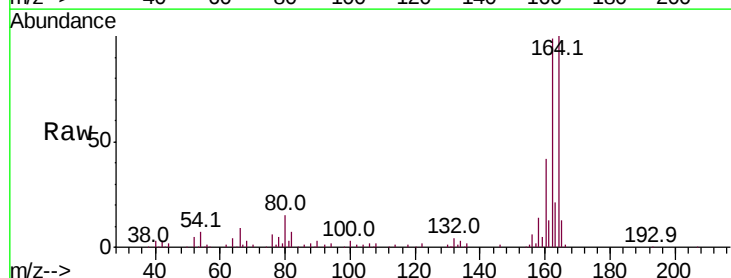


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

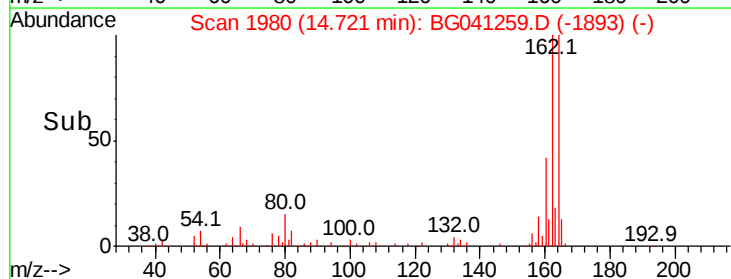
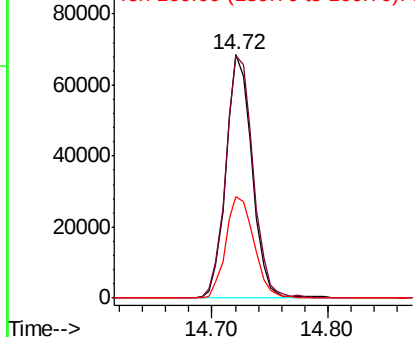


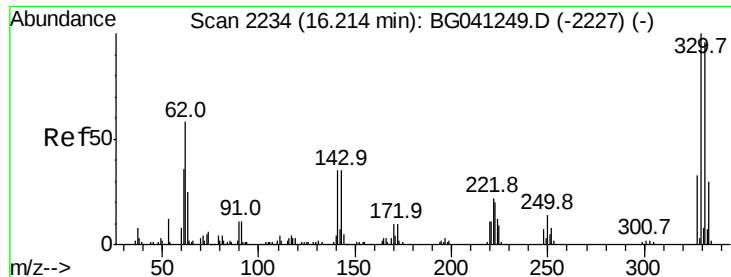
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG041259.D
Acq: 14 Jun 2019 18:46

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): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

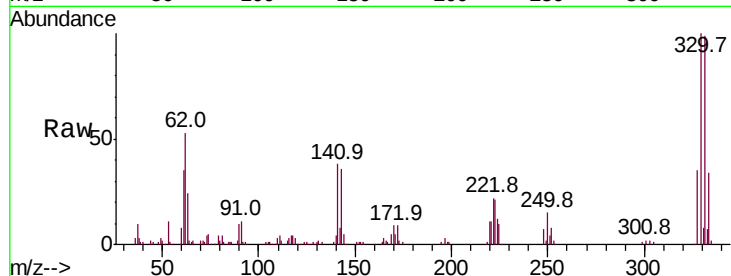




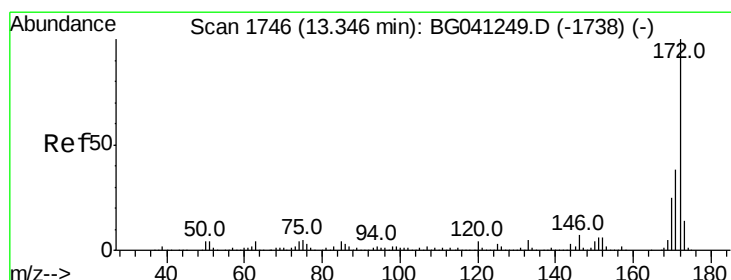
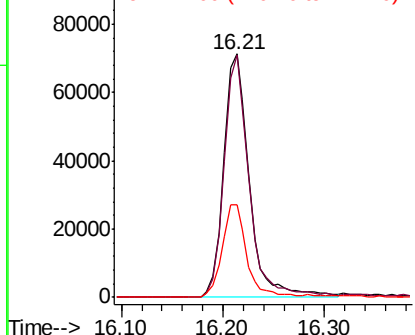
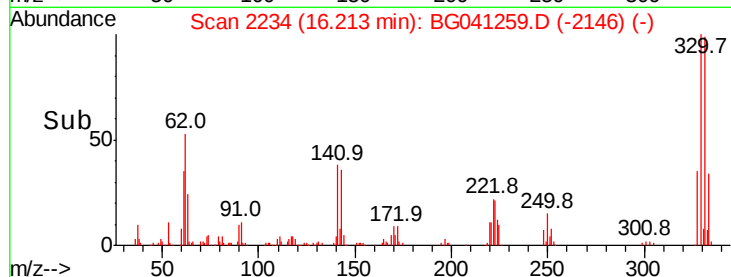
#42
 2,4,6-Tribromophenol
 Concen: 85.014 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.5	117.7
141	36.5	28.7	43.1

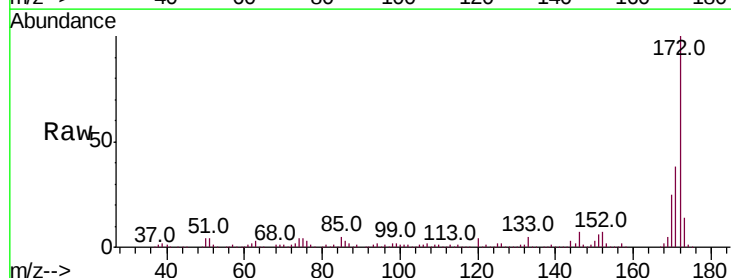


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

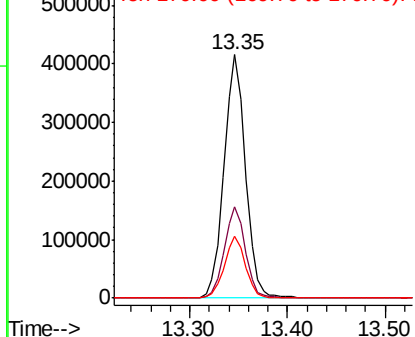
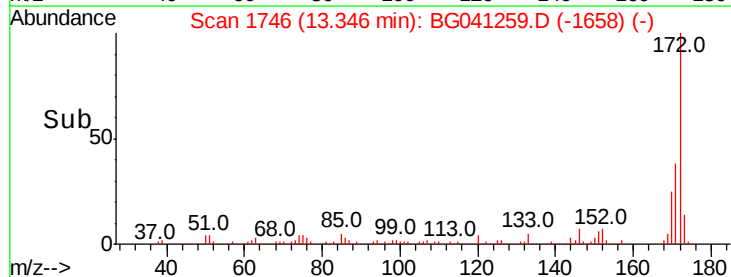


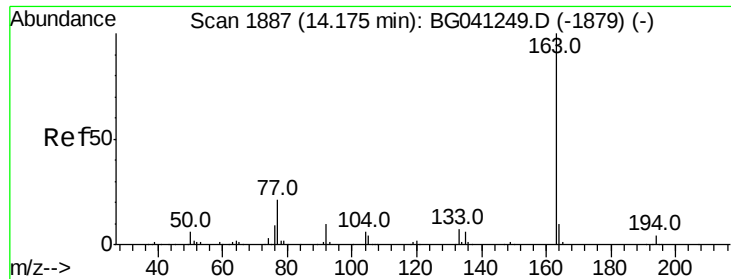
#45
 2-Fluorobiphenyl
 Concen: 78.513 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG041259.D
 Acq: 14 Jun 2019 18:46

Tgt 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





#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

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

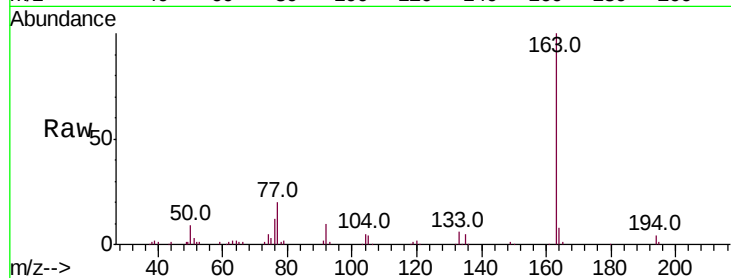
Tot Ion:163 Resp: 112862

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.8

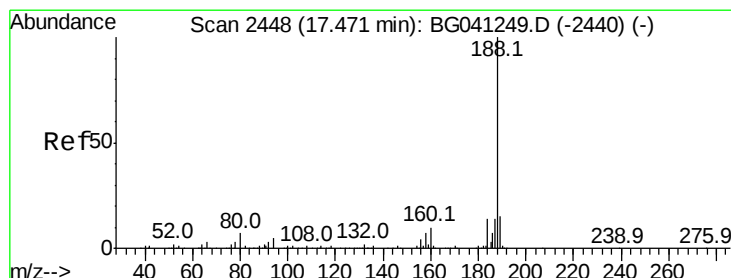
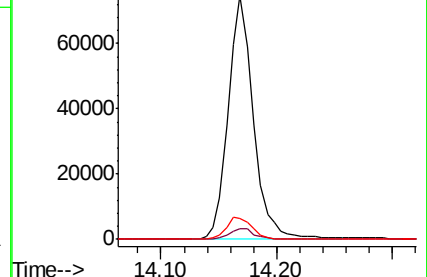
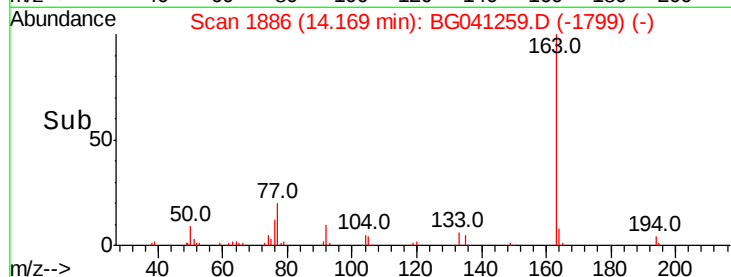
164 8.4 8.7 13.1#



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# 2448

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

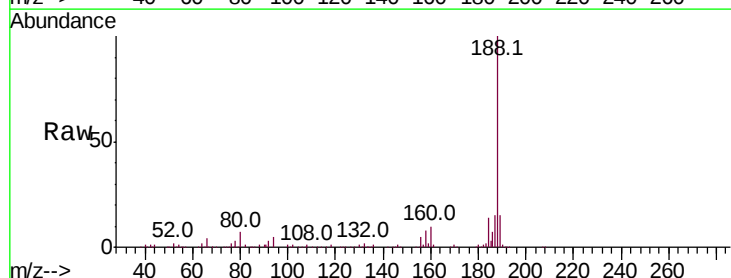
Tgt Ion:188 Resp: 257171

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

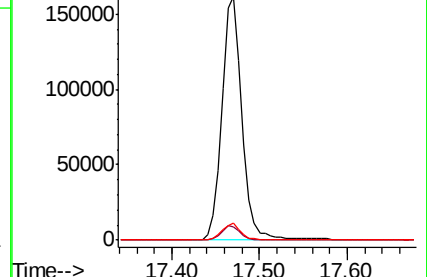
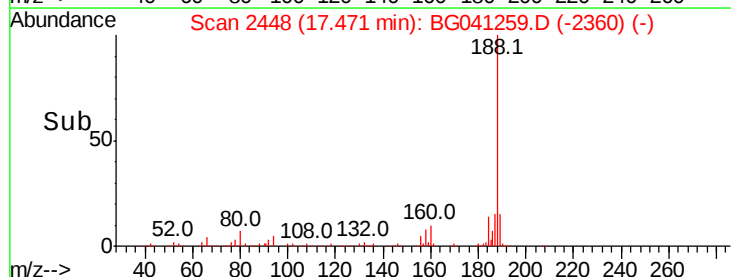
80 6.9 5.8 8.8

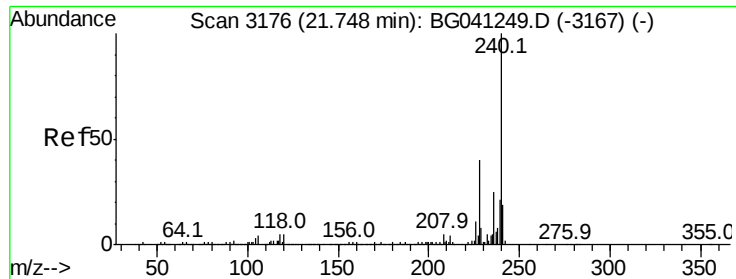


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.74 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

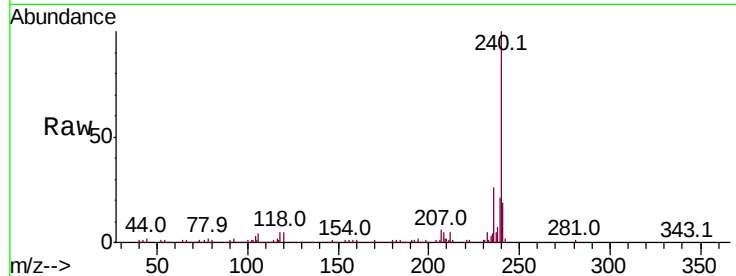
Tot Ion:240 Resp: 235453

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

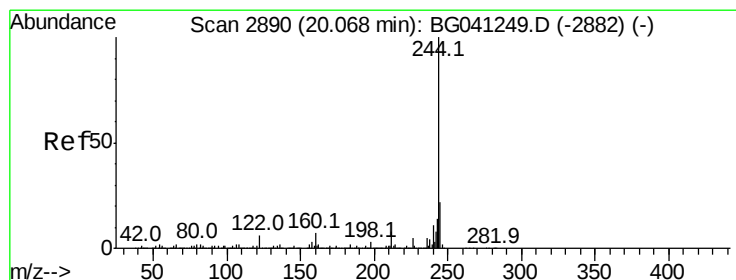
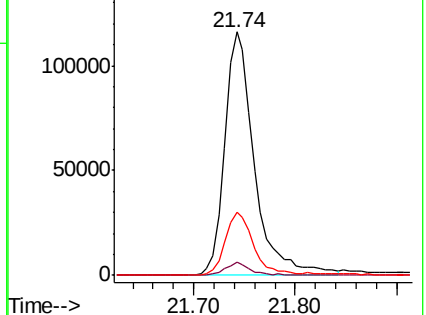
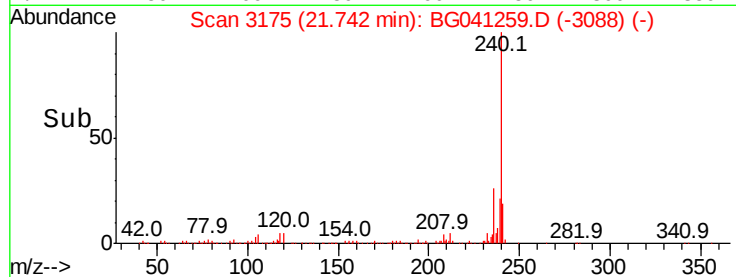
236 25.8 21.3 31.9



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: 85.997 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041259.D

Acq: 14 Jun 2019 18:46

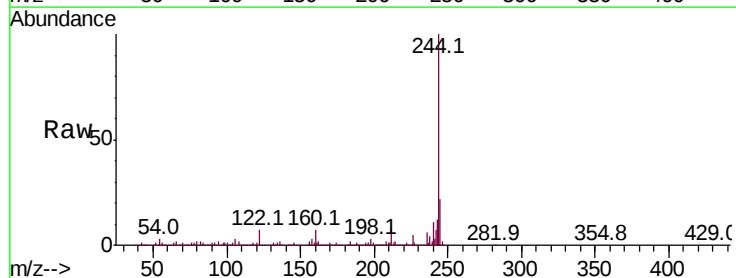
Tgt Ion:244 Resp: 1032721

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

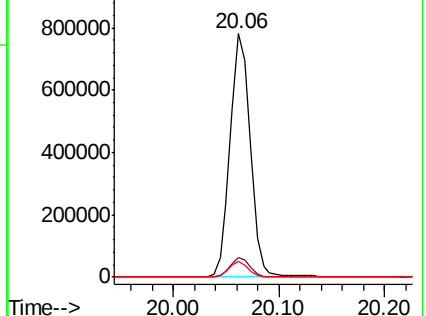
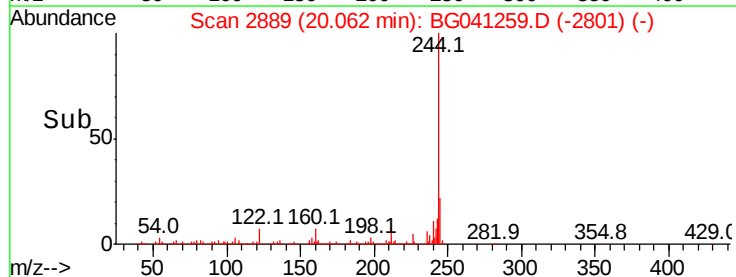
122 6.5 5.4 8.0

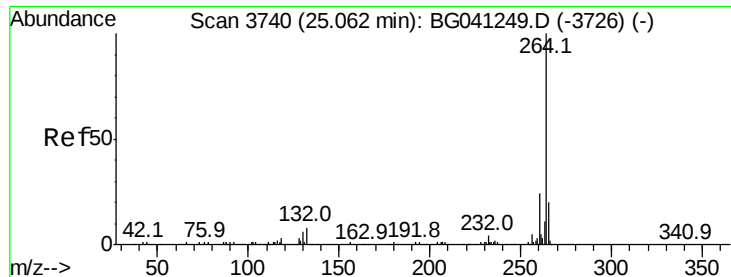


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-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

Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

Tot Ion:264 Resp: 178638

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	19.7	17.0	25.4

