

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039134.D
 Acq On : 15 Jan 2019 15:58
 Operator : JU/SJ
 Sample : K1139-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Jan 15 17:25:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

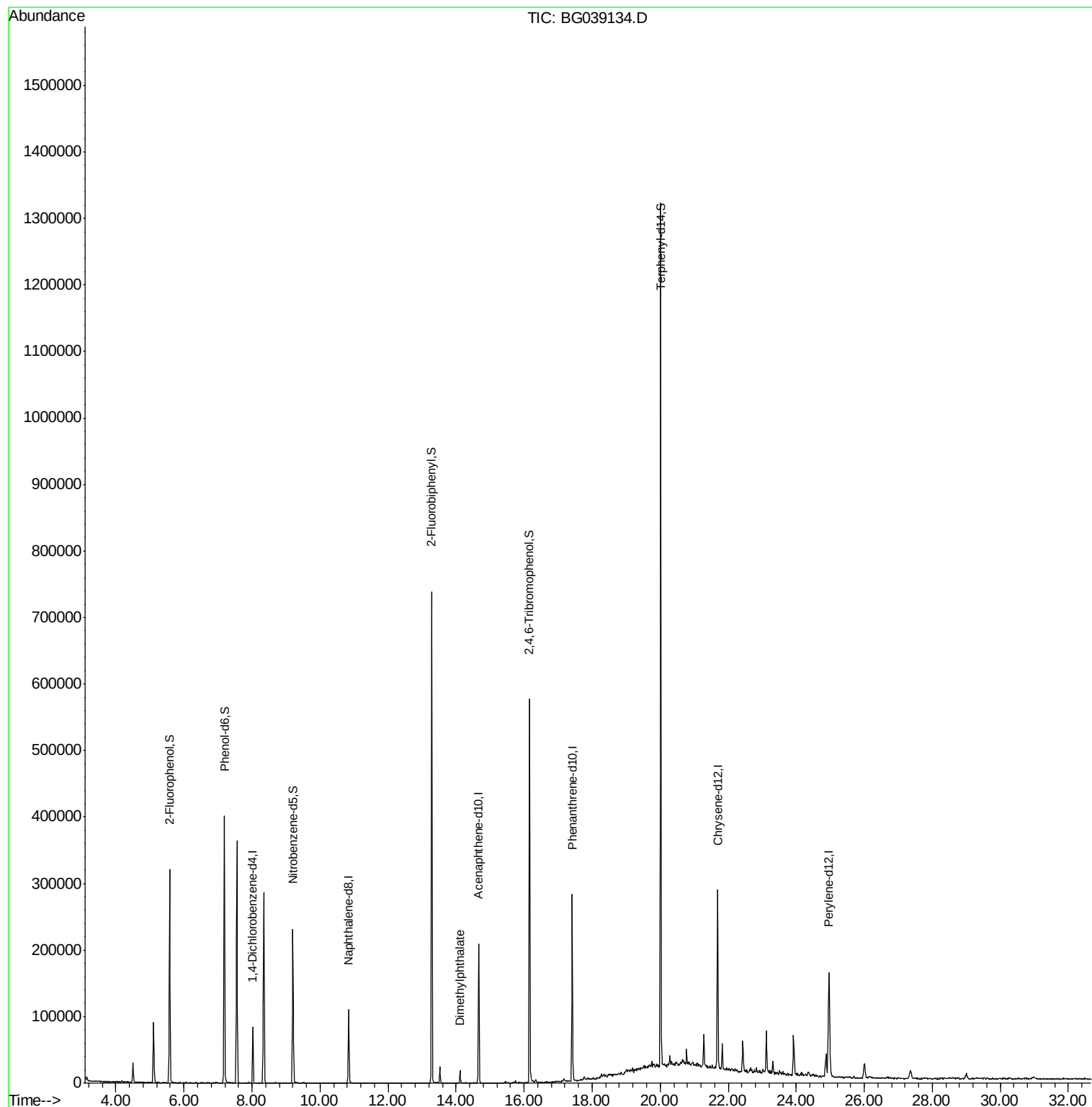
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26722	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	103406	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79646	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187581	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180981	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	150263	106.67	ng	0.00
7) Phenol-d6	7.19	99	244897	120.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	149106	78.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	134462	100.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	411721	70.75	ng	0.00
79) Terphenyl-d14	20.02	244	679070	69.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	17120	2.544	ng	Qvalue # 95

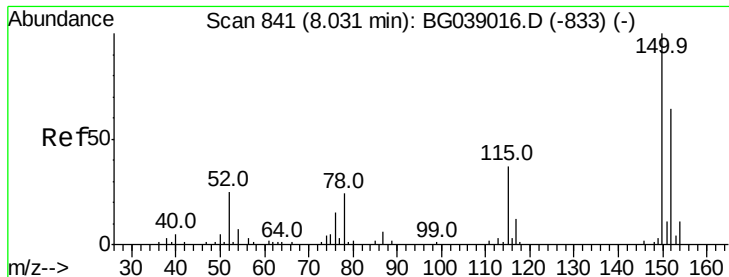
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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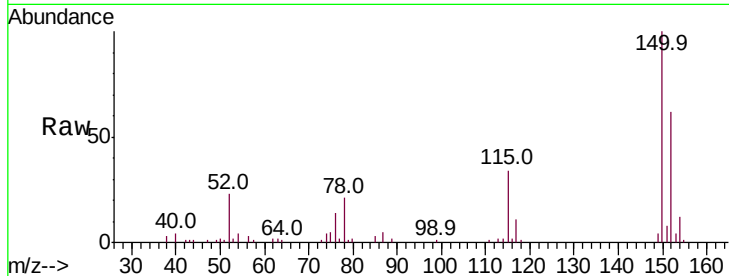


#1

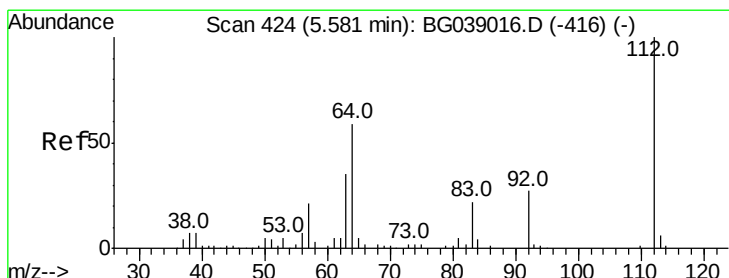
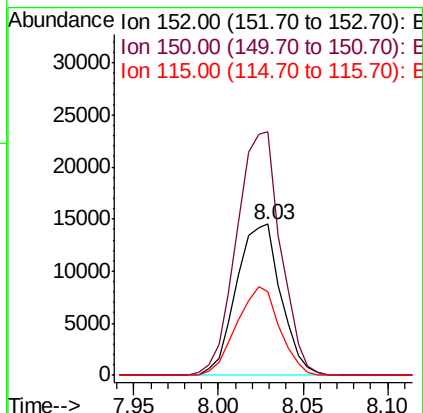
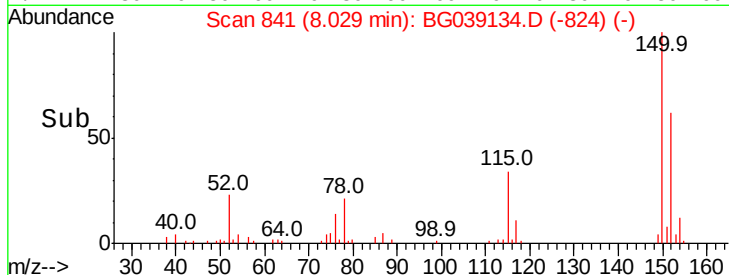
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 26722
Ion Ratio Lower Upper
152 100
150 161.0 124.7 187.1
115 55.0 46.5 69.7



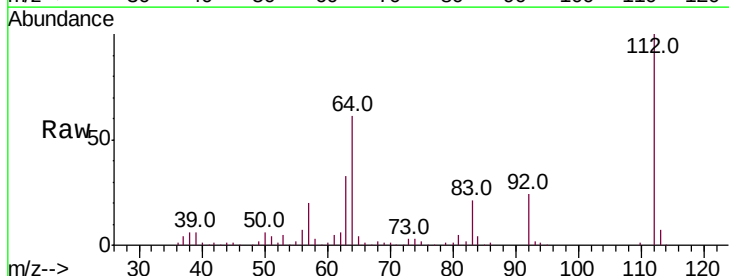
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



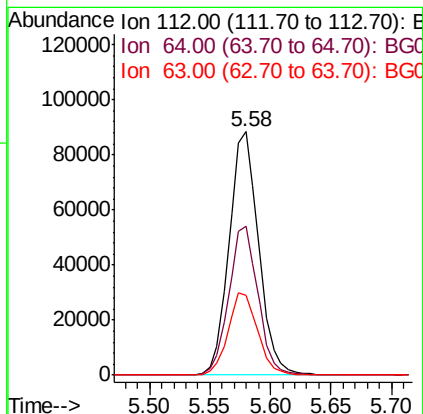
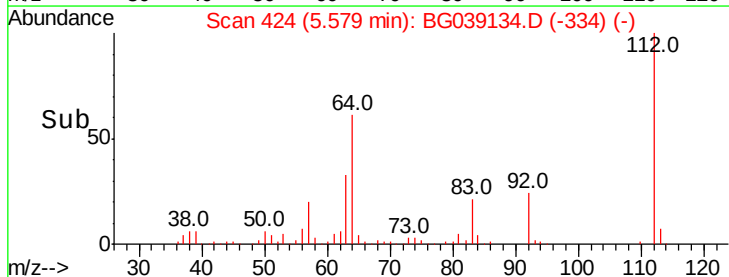
#5

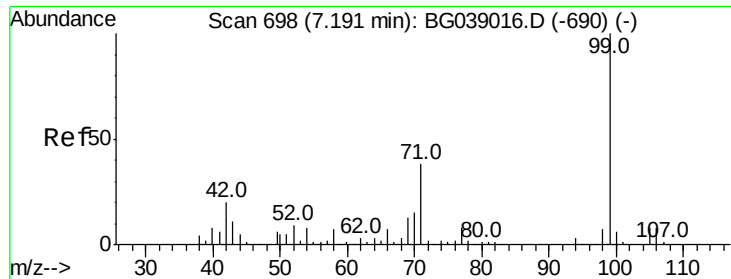
2-Fluorophenol
Concen: 106.671 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Tgt Ion:112 Resp: 150263
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 32.6 28.0 42.0



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: 120.803 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

CONCRETE

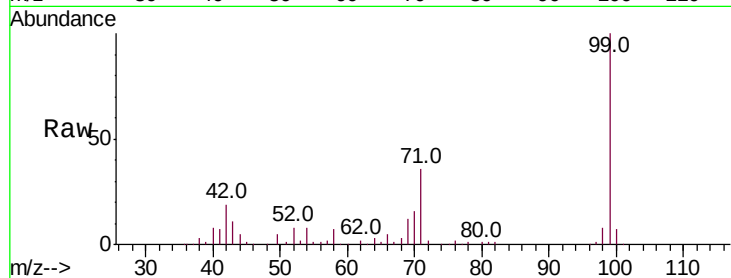
Tot Ion: 99 Resp: 244897

Ion Ratio Lower Upper

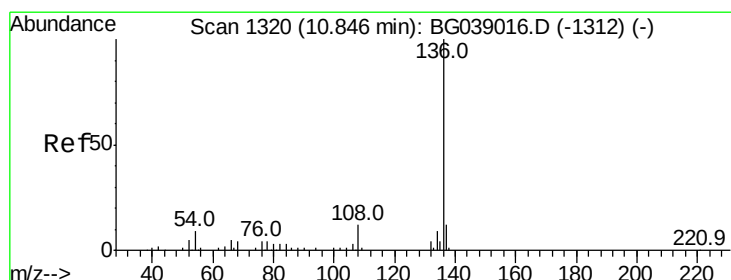
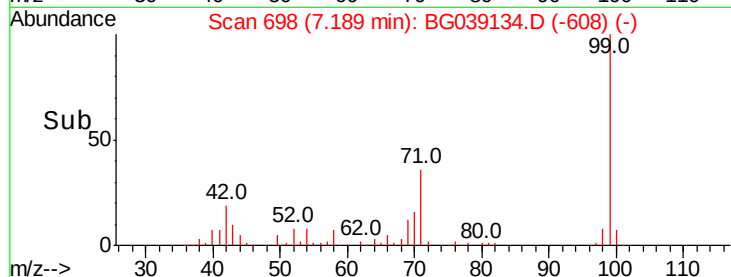
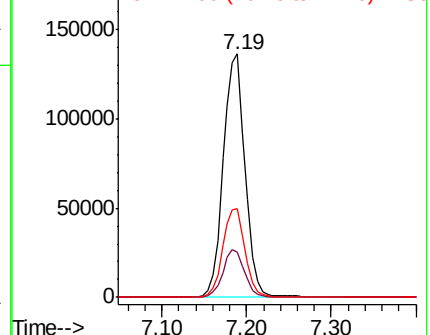
99 100

42 18.5 15.8 23.6

71 36.4 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Tgt Ion: 136 Resp: 103406

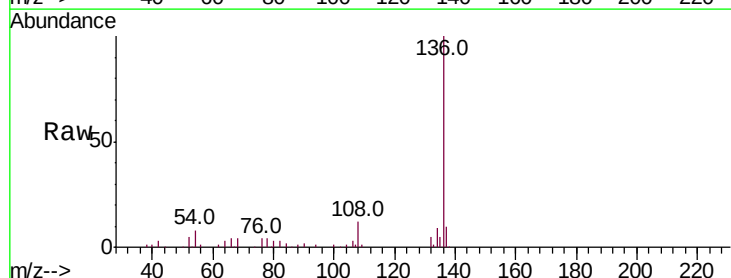
Ion Ratio Lower Upper

136 100

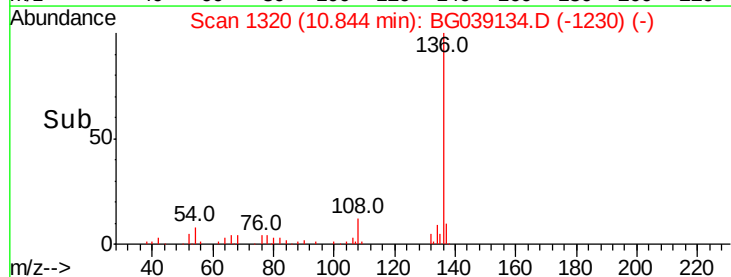
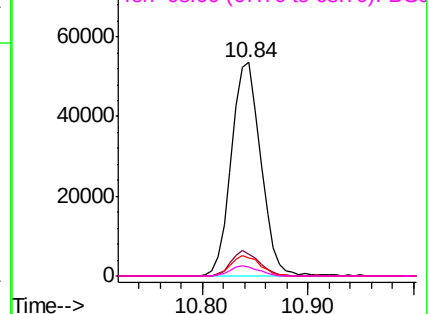
137 10.5 9.4 14.2

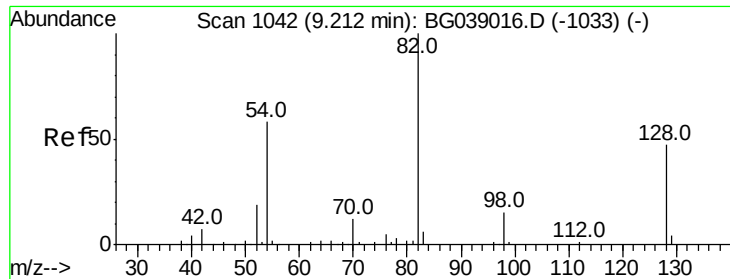
54 8.5 7.2 10.8

68 4.4 3.5 5.3



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

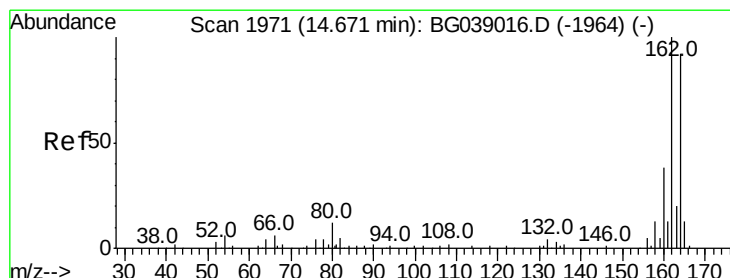
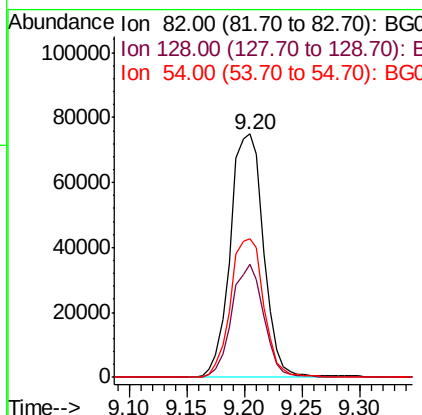
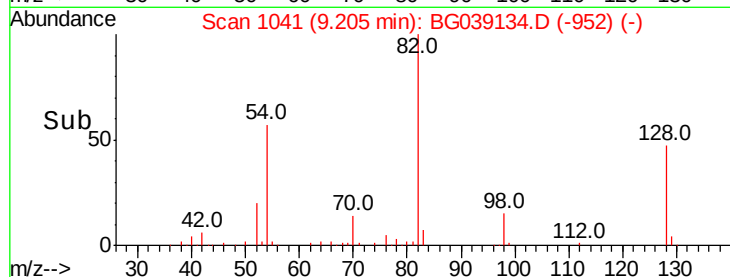
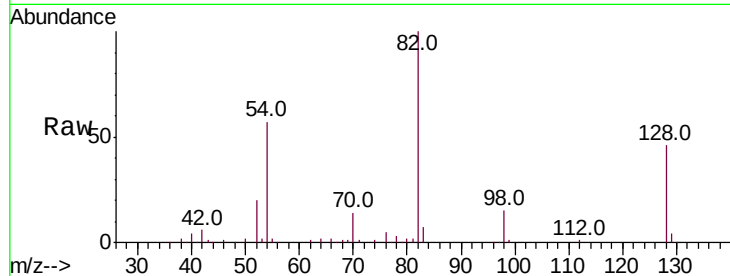




#23
 Nitrobenzene-d5
 Concen: 78.903 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

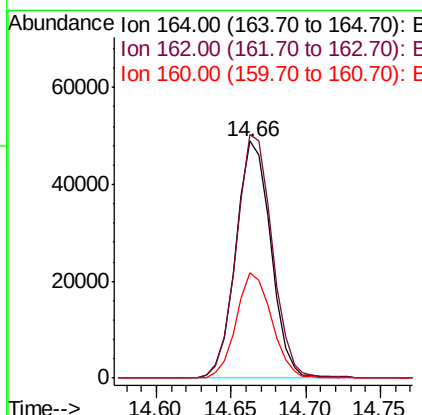
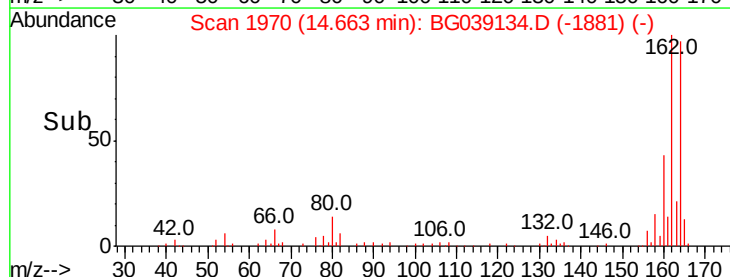
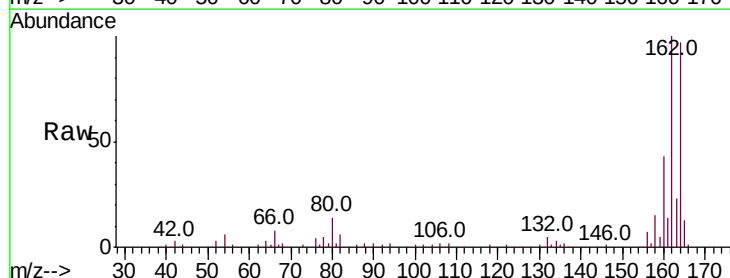
Instrument :
 BNA_G
 ClientSampled :
 CONCRETE

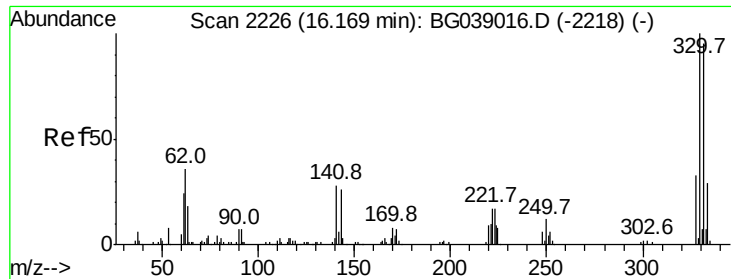
Tot Ion: 82 Resp: 149106
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.3 55.9
 54 56.9 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

Tgt Ion: 164 Resp: 79646
 Ion Ratio Lower Upper
 164 100
 162 102.9 87.2 130.8
 160 44.5 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 100.714 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

CONCRETE

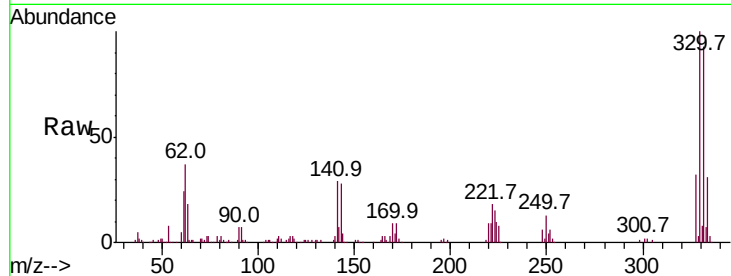
Tot Ion:330 Resp: 134462

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

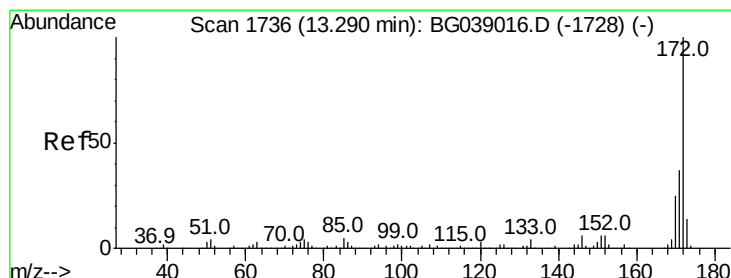
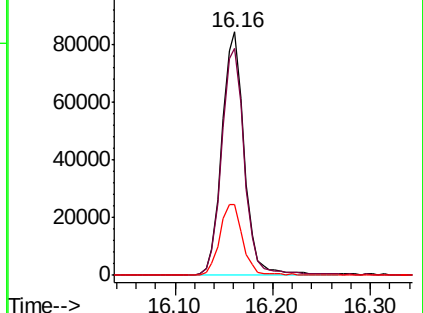
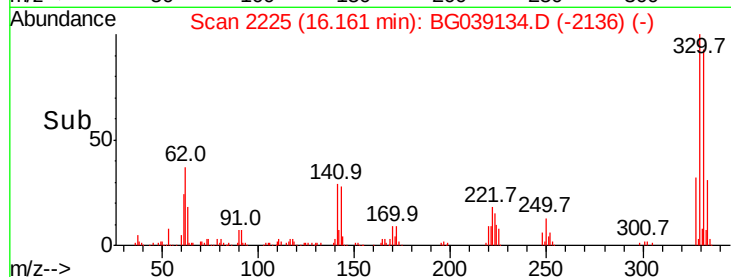
141 29.9 24.9 37.3



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: 70.746 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

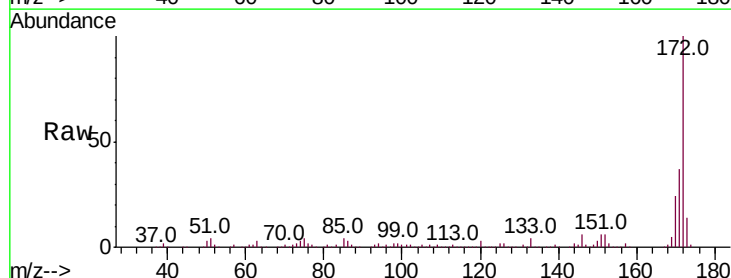
Tgt Ion:172 Resp: 411721

Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

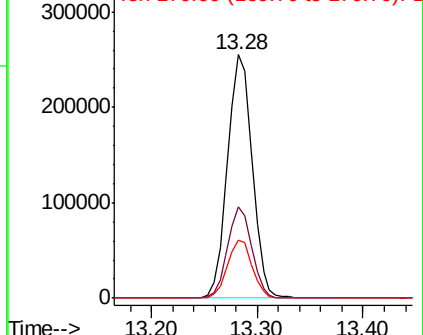
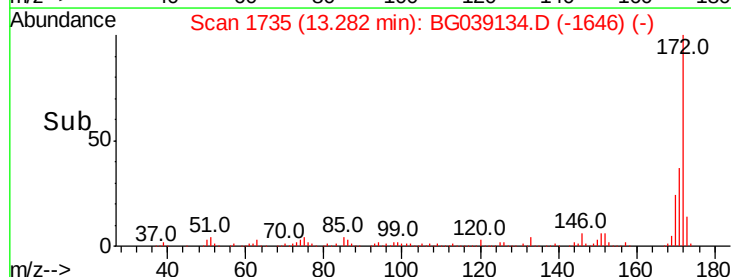
170 23.8 20.1 30.1

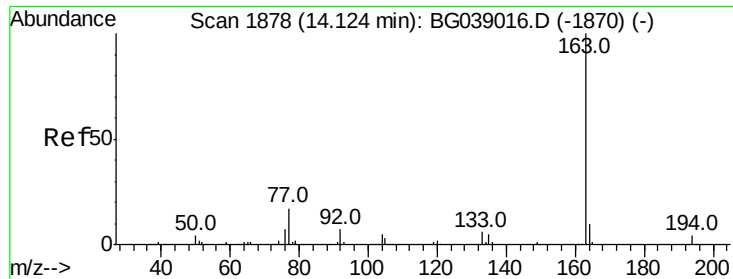


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.544 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

CONCRETE

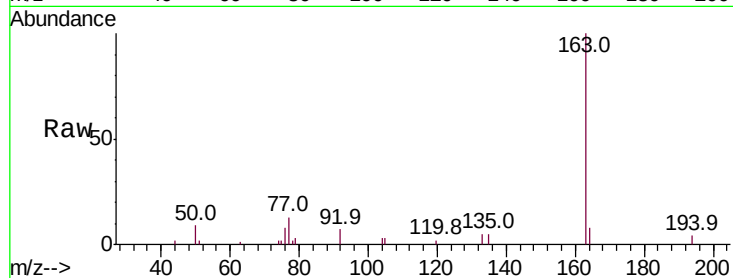
Tot Ion:163 Resp: 17120

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

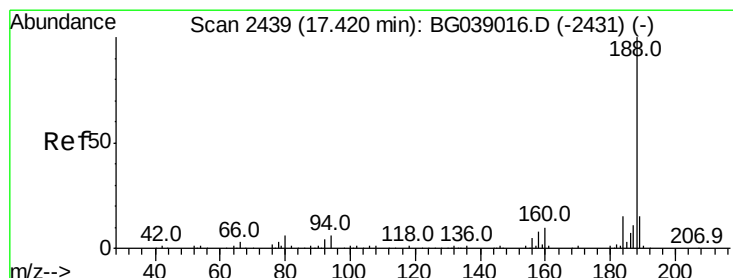
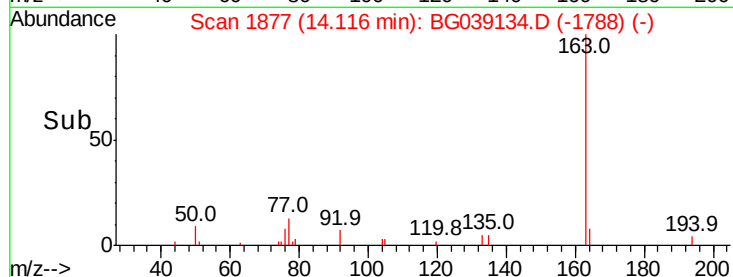
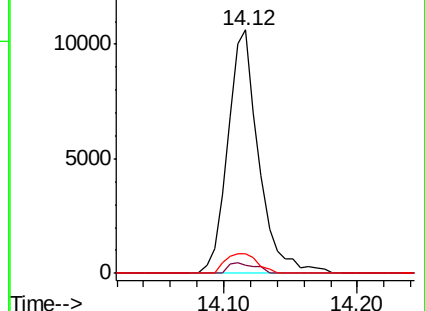
164 8.2 8.2 12.2



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

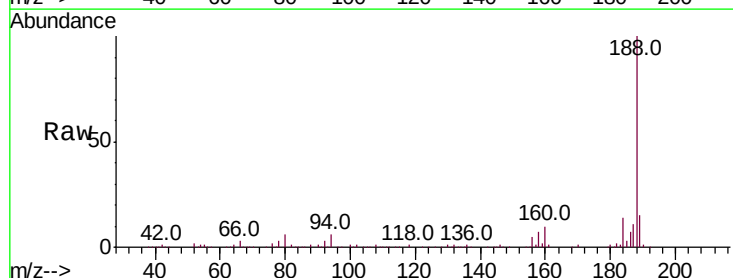
Tgt Ion:188 Resp: 187581

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

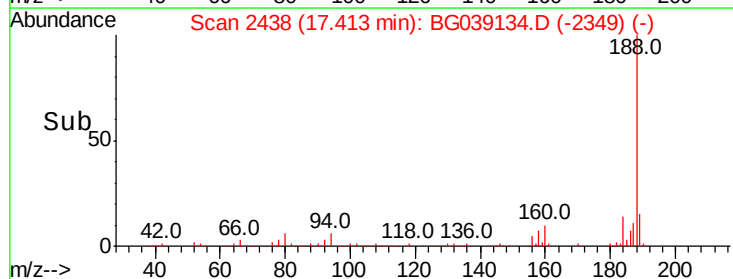
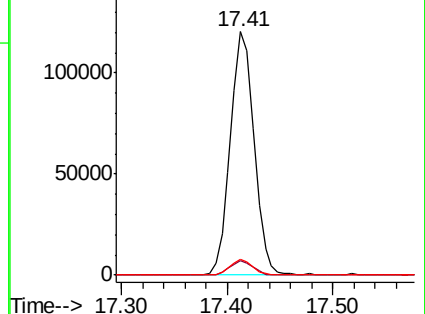
80 6.4 4.7 7.1

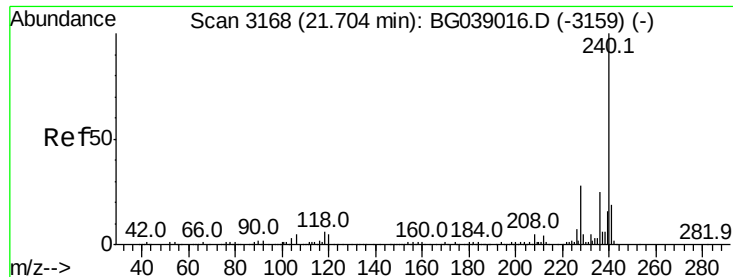


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

CONCRETE

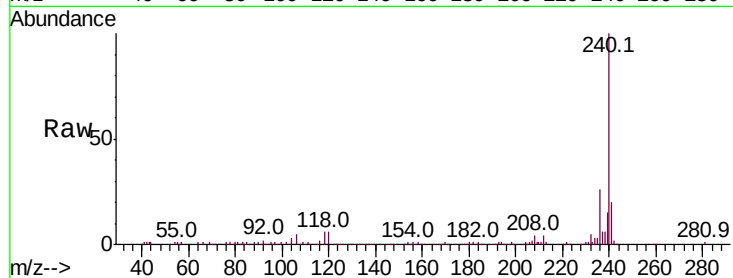
Tot Ion:240 Resp: 180981

Ion Ratio Lower Upper

240 100

120 5.7 4.3 6.5

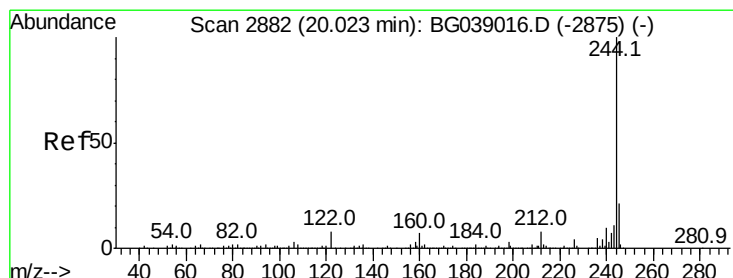
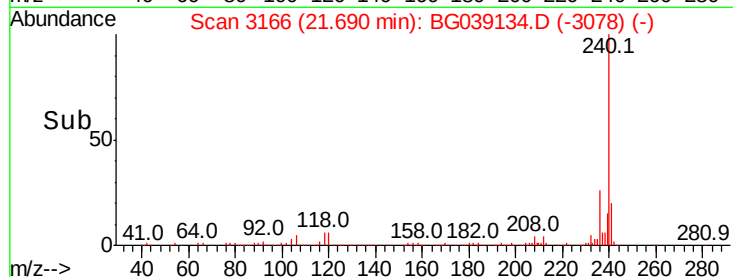
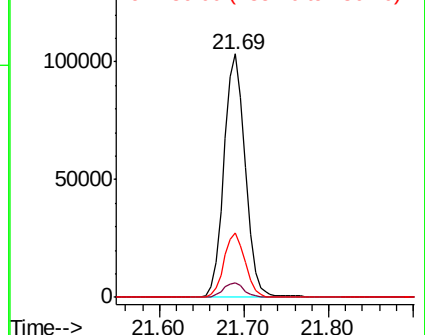
236 26.5 20.1 30.1



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: 69.411 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

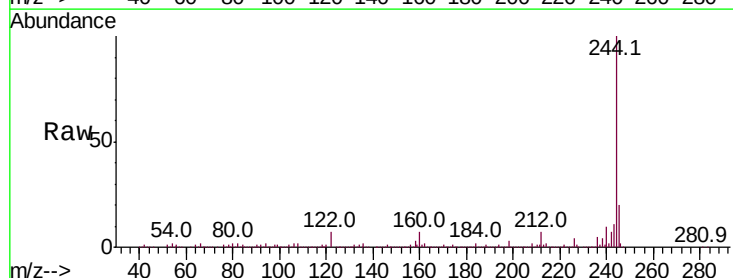
Tgt Ion:244 Resp: 679070

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

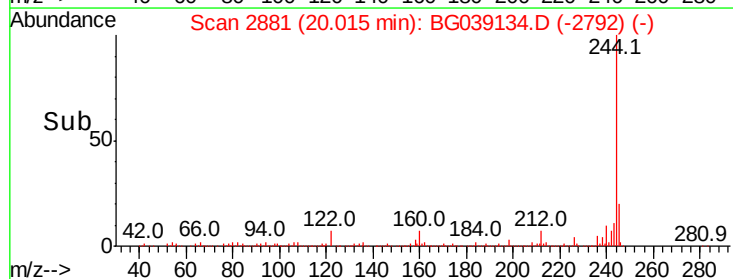
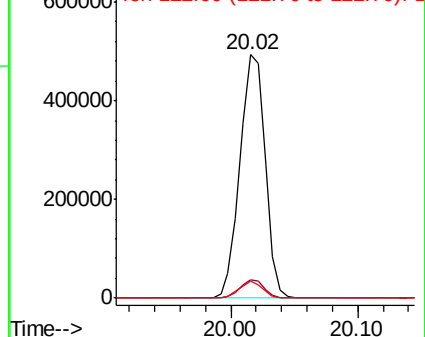
122 6.8 6.1 9.1

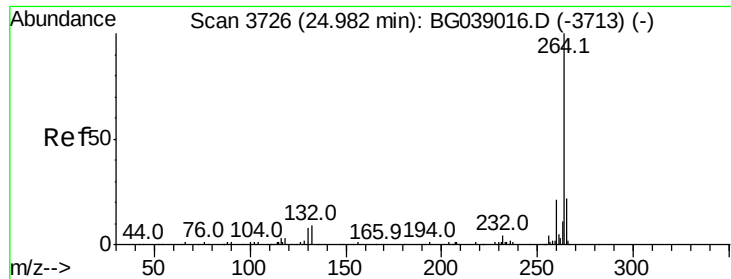


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.3	17.2	25.8

