

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037050.D
 Acq On : 28 Sep 2018 14:43
 Operator : JU/SJ
 Sample : J5131-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FOUNDATION-CONTAINMENT-C

Quant Time: Sep 28 16:17:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

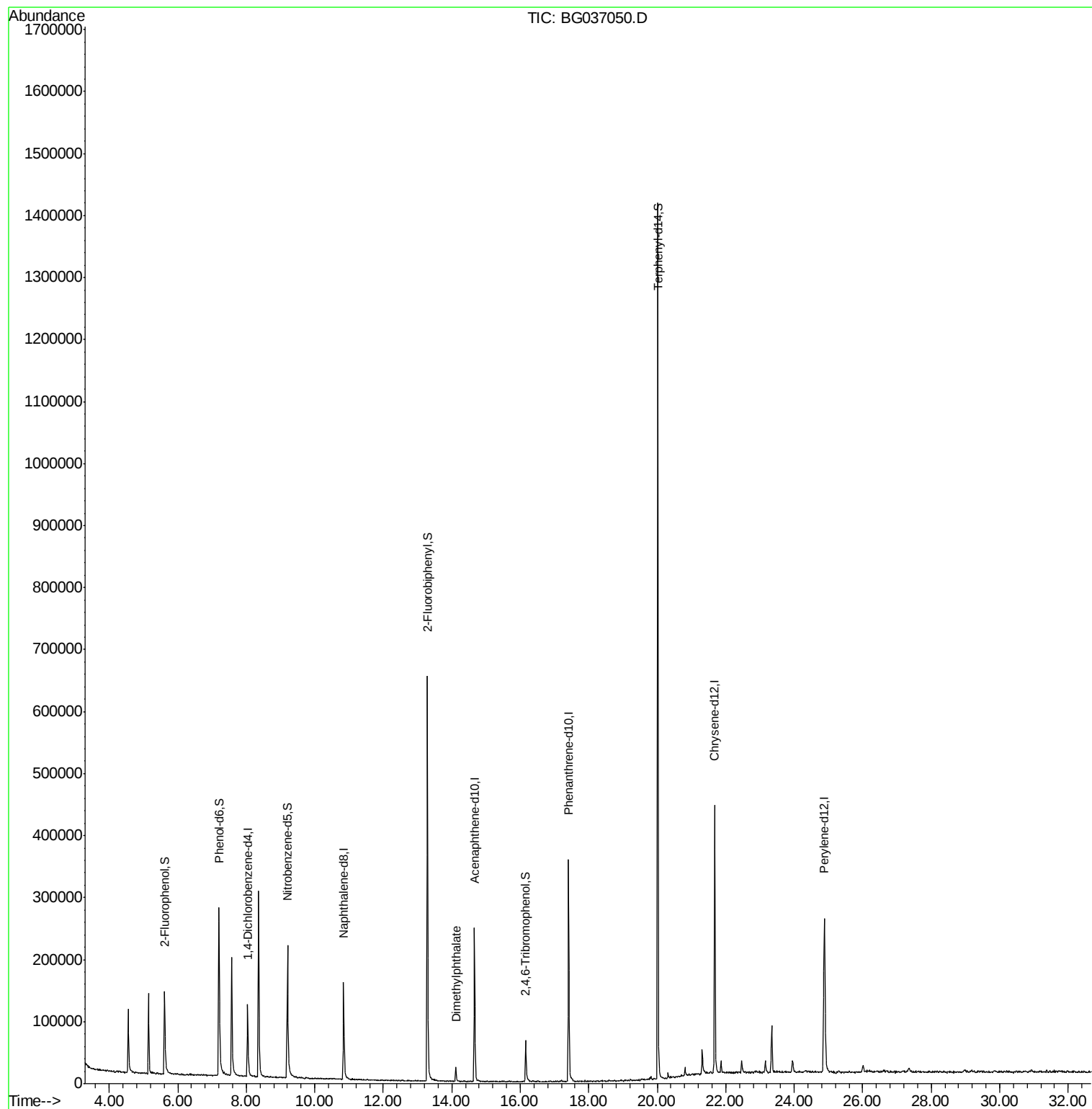
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37480	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	153892	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	98541	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	262357	20.00	ng	0.00
75) Chrysene-d12	21.68	240	282398	20.00	ng	-0.01
86) Perylene-d12	24.88	264	275612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	71281	36.47	ng	0.00
7) Phenol-d6	7.20	99	198639	65.69	ng	-0.01
23) Nitrobenzene-d5	9.20	82	171554	59.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	17250	14.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	382242	57.77	ng	-0.01
78) Terphenyl-d14	20.01	244	720302	67.07	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	21065	2.656	ng	# 96

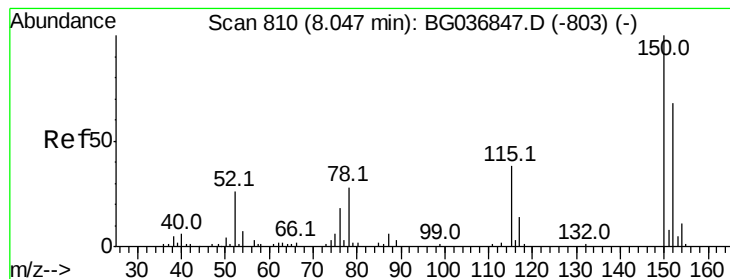
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

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ClientSampleId :

FOUNDATION-CONTAINMENT-C

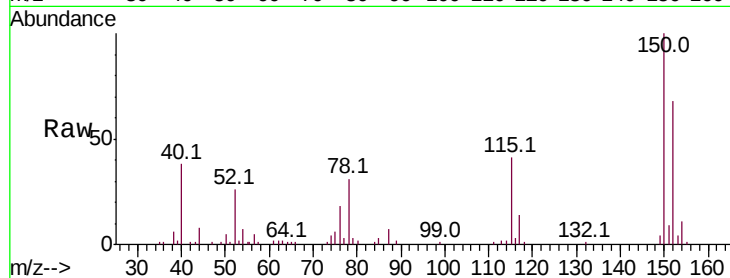
Tot Ion:152 Resp: 37480

Ion Ratio Lower Upper

152 100

150 146.9 119.5 179.3

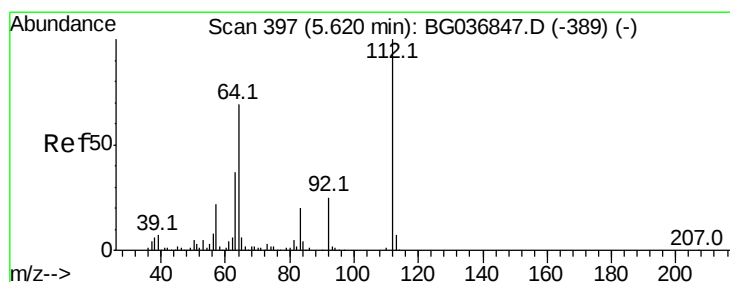
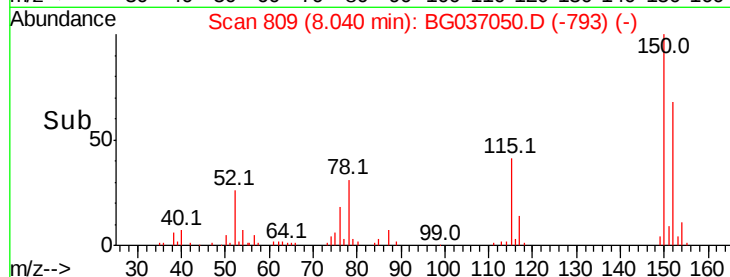
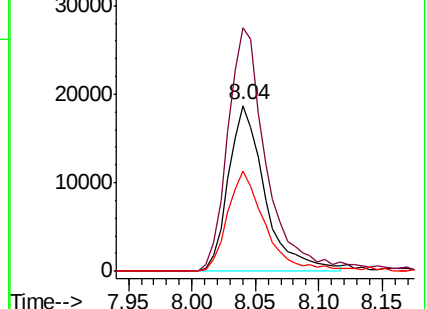
115 60.5 44.5 66.7



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: 36.473 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

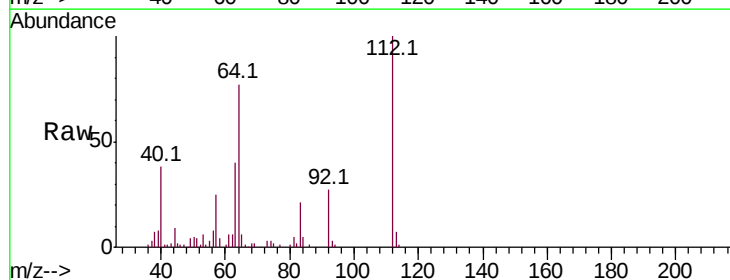
Tgt Ion:112 Resp: 71281

Ion Ratio Lower Upper

112 100

64 76.9 57.2 85.8

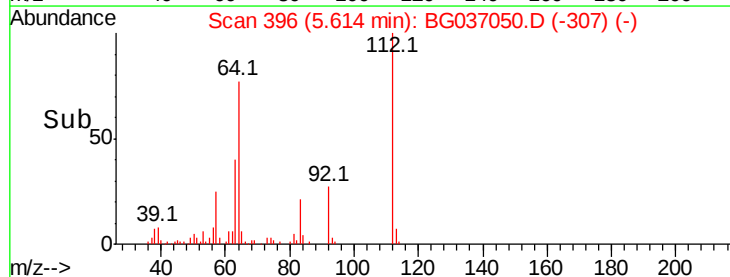
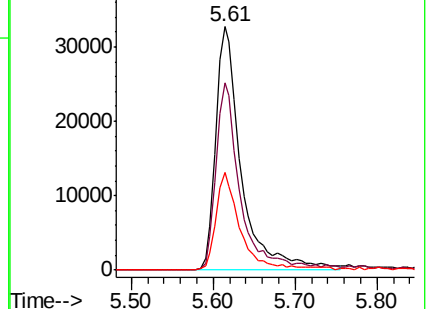
63 39.9 30.8 46.2



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: 65.694 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

BNA_G

ClientSampleId :

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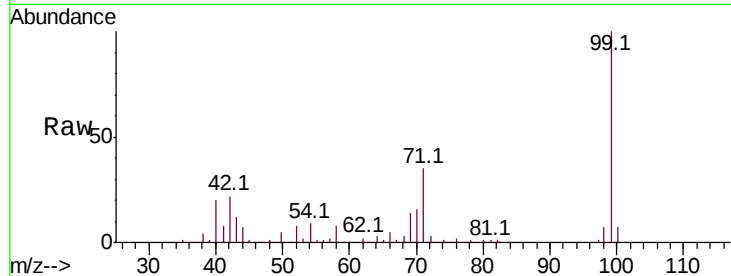
Tot Ion: 99 Resp: 198639

Ion Ratio Lower Upper

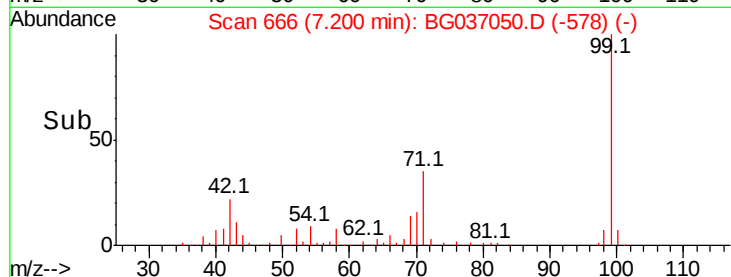
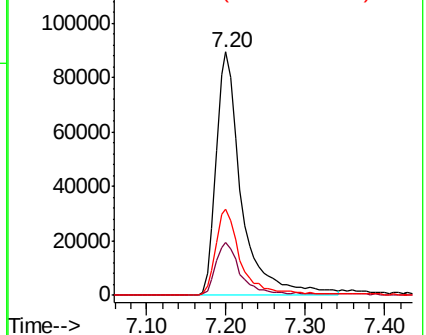
99 100

42 21.9 16.5 24.7

71 35.3 29.4 44.2



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# 1286

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Tgt Ion: 136 Resp: 153892

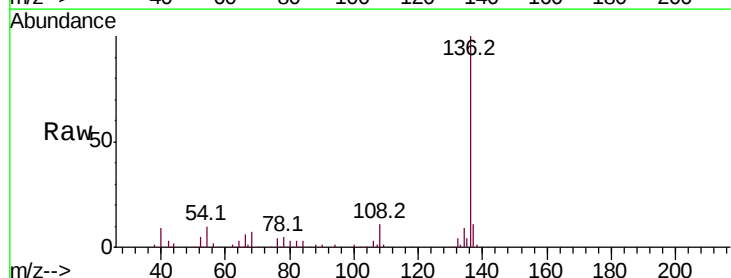
Ion Ratio Lower Upper

136 100

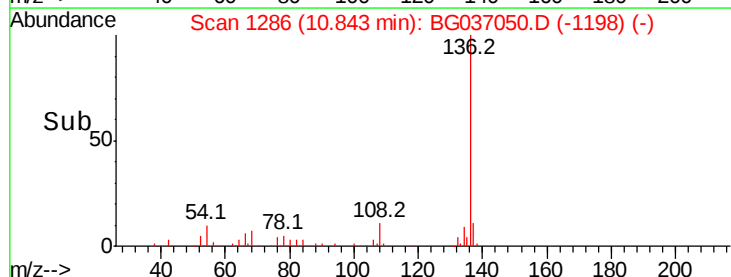
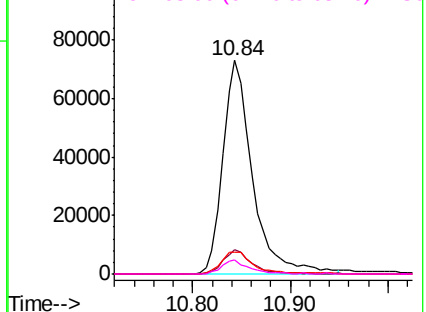
137 11.3 8.8 13.2

54 10.4 9.2 13.8

68 6.8 5.8 8.6



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

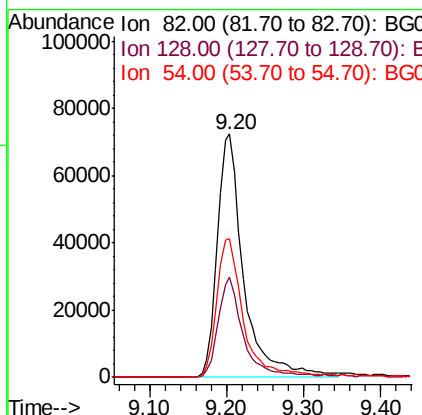
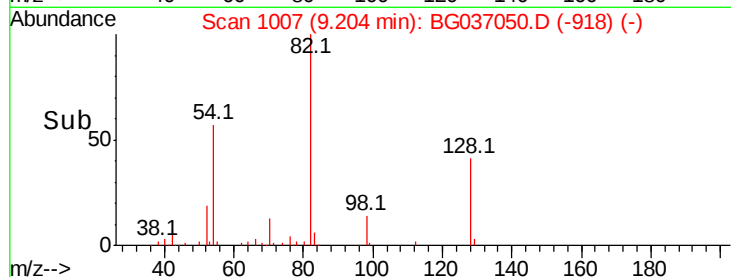
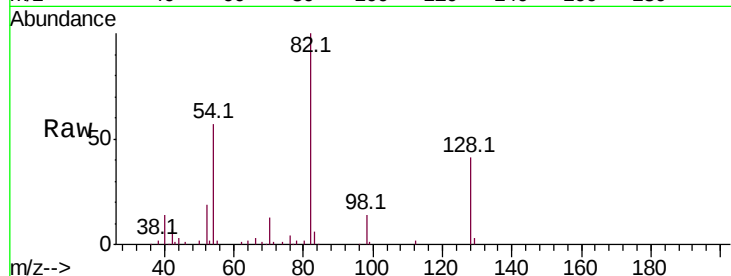




#23
Nitrobenzene-d5
Concen: 59.697 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

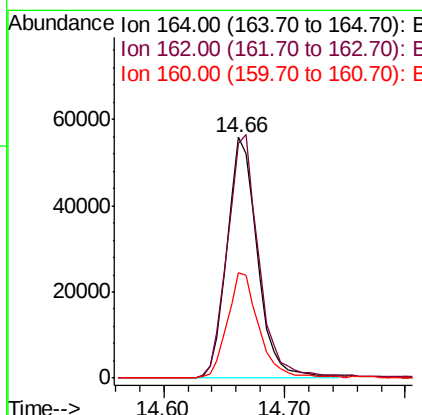
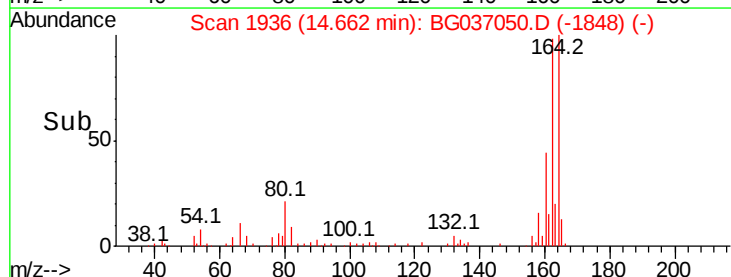
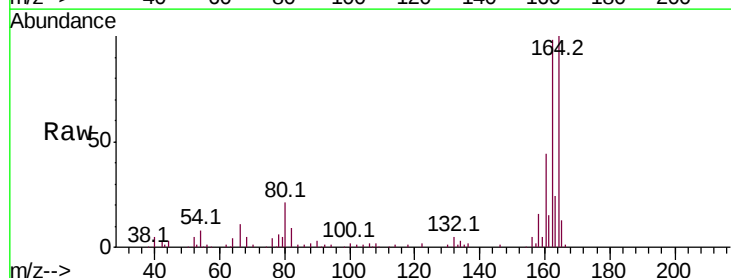
Instrument :
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ClientSampleId :
FOUNDATION-CONTAINMENT-C

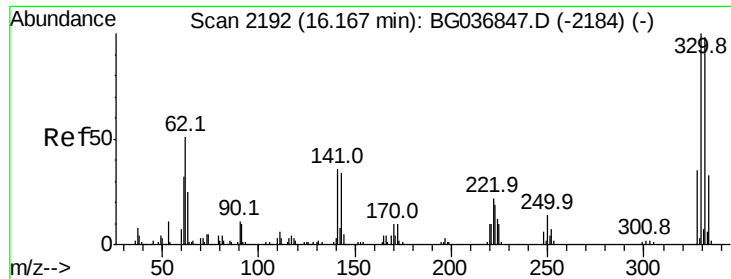
Tot Ion: 82 Resp: 171554
Ion Ratio Lower Upper
82 100
128 41.0 33.3 49.9
54 57.0 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Tgt Ion: 164 Resp: 98541
Ion Ratio Lower Upper
164 100
162 97.7 80.7 121.1
160 43.9 35.3 52.9

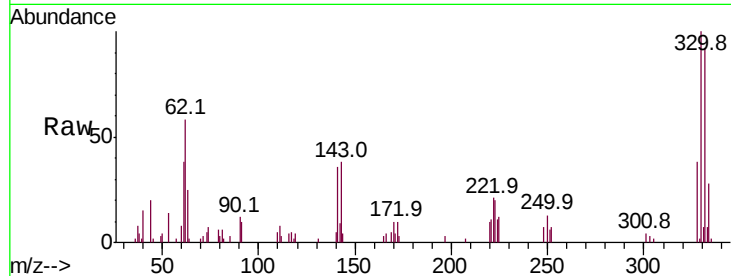




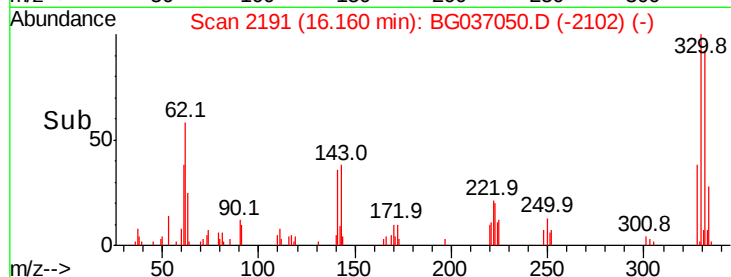
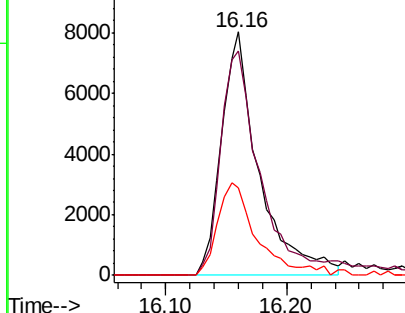
#41
 2,4,6-Tribromophenol
 Concen: 14.631 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG037050.D
 Acq: 28 Sep 2018 14:43

Instrument :
 BNA_G
 ClientSampleId :
 FOUNDATION-CONTAINMENT-C

Tot Ion:330 Resp: 17250
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.2
 141 39.6 30.7 46.1

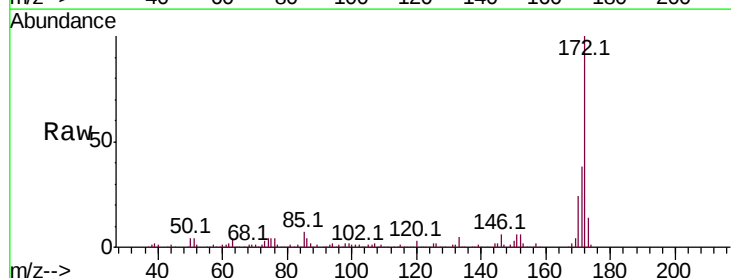


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

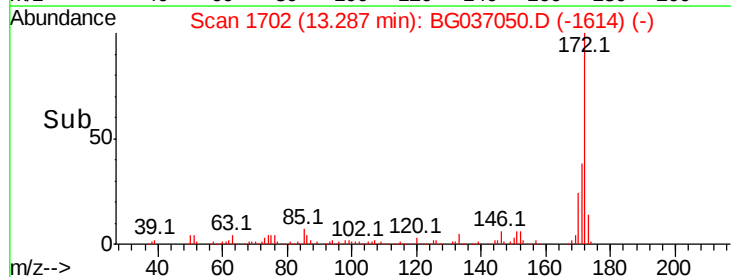
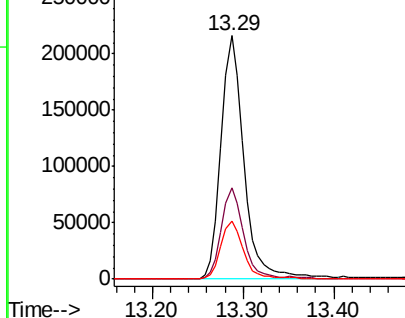


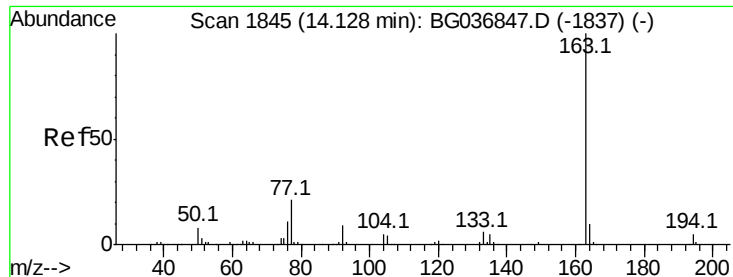
#44
 2-Fluorobiphenyl
 Concen: 57.774 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037050.D
 Acq: 28 Sep 2018 14:43

Tgt Ion:172 Resp: 382242
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 23.8 21.0 31.6



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





#49

Dimethylphthalate

Concen: 2.656 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

BNA_G

ClientSampleId :

FOUNDATION-CONTAINMENT-C

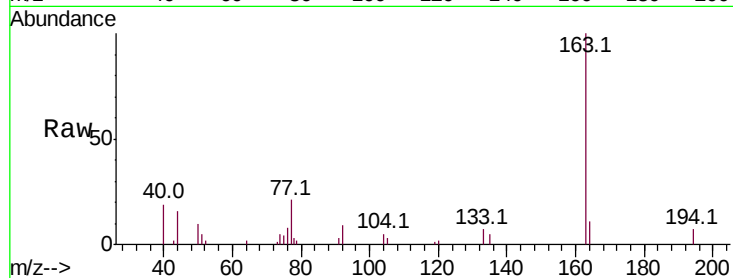
Tot Ion:163 Resp: 21065

Ion Ratio Lower Upper

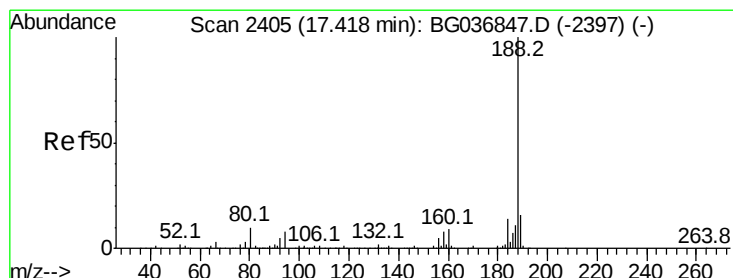
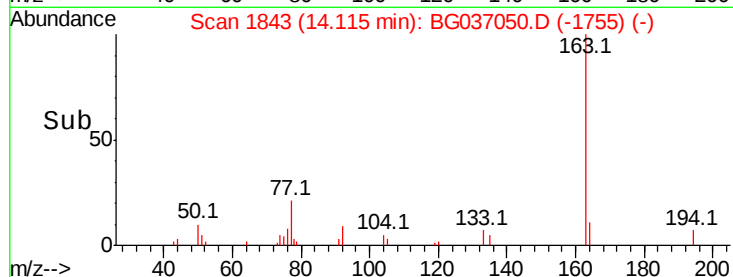
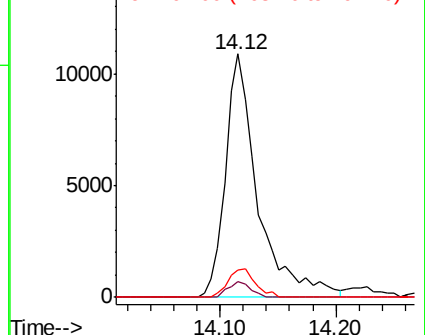
163 100

194 6.6 4.0 6.0#

164 11.3 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

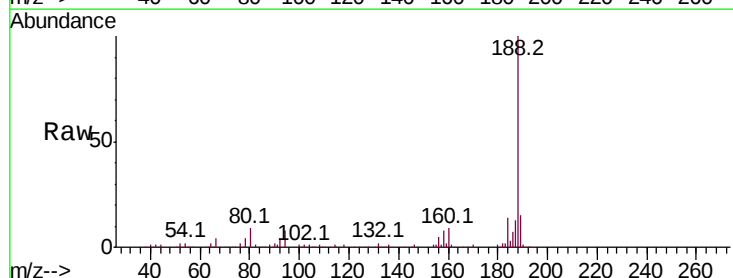
Tgt Ion:188 Resp: 262357

Ion Ratio Lower Upper

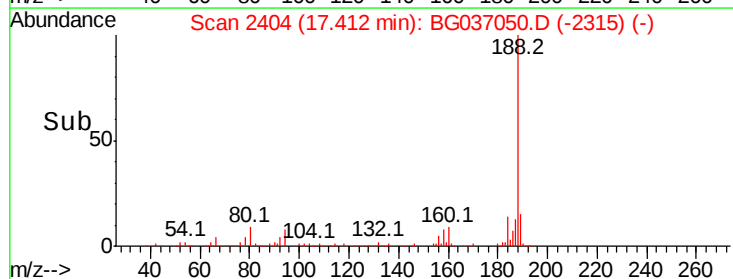
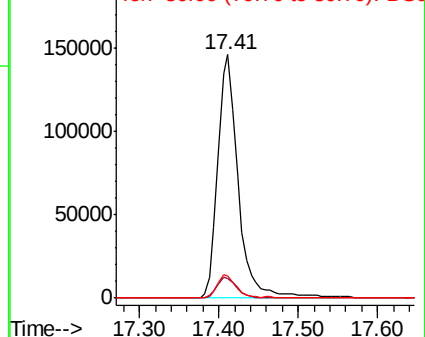
188 100

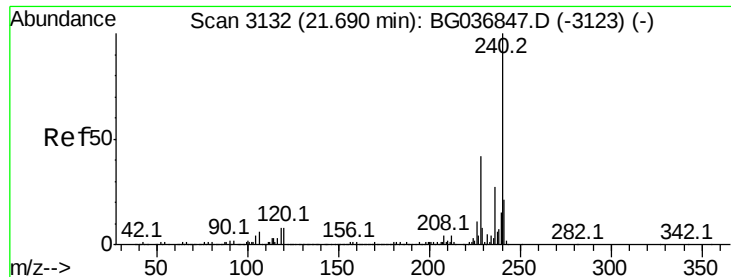
94 8.2 6.7 10.1

80 8.9 8.1 12.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

Instrument :

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ClientSampleId :

FOUNDATION-CONTAINMENT-C

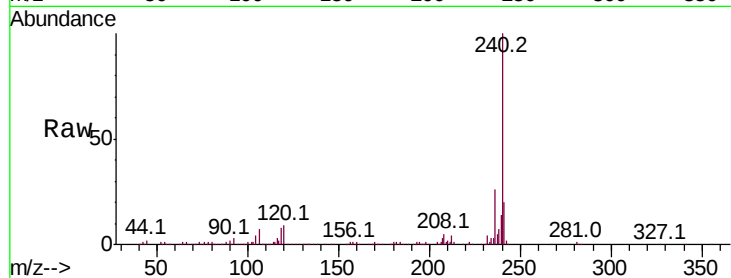
Tot Ion:240 Resp: 282398

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

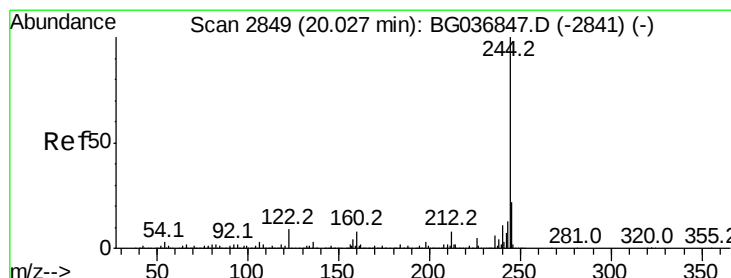
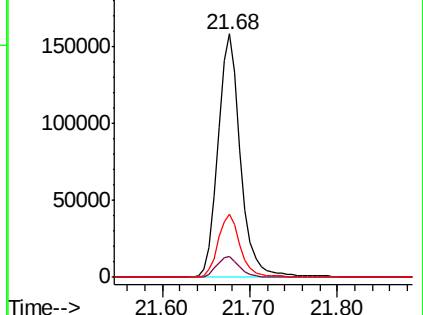
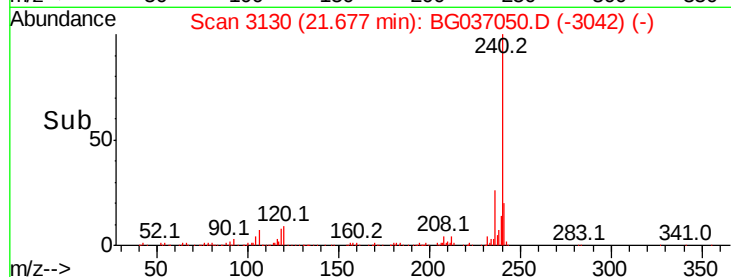
236 26.2 21.2 31.8



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



#78

Terphenyl-d14

Concen: 67.069 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037050.D

Acq: 28 Sep 2018 14:43

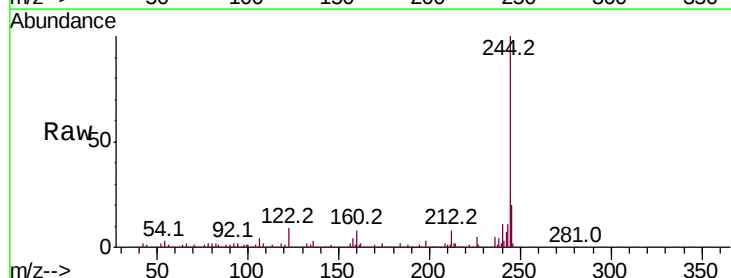
Tgt Ion:244 Resp: 720302

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

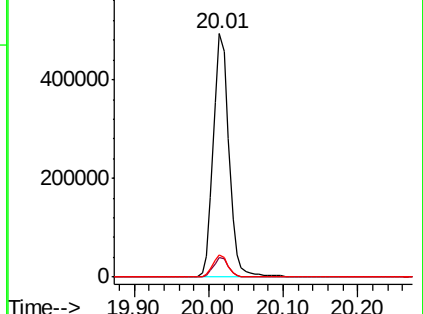
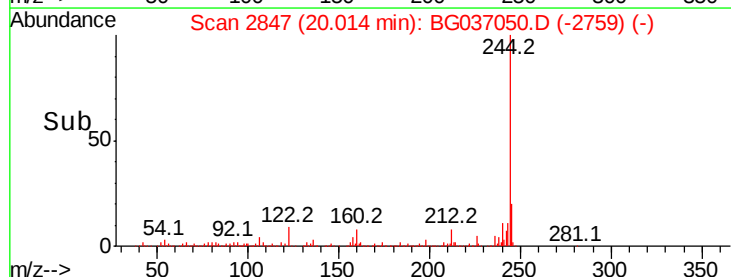
122 9.3 7.1 10.7

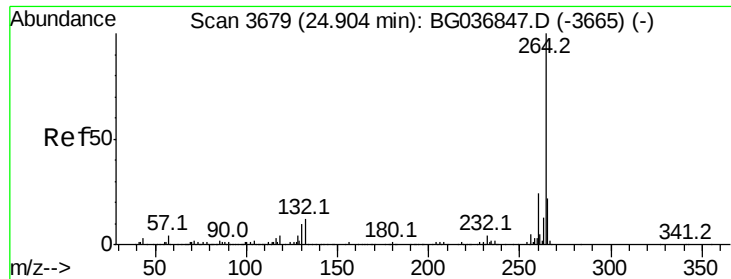


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037050.D
Acq: 28 Sep 2018 14:43

Instrument :
BNA_G
ClientSampleId :
FOUNDATION-CONTAINMENT-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.0	17.4	26.0

