

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041377.D
 Acq On : 21 Jun 2019 14:03
 Operator : HP/JU
 Sample : K3382-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRAVEL-1

Quant Time: Jun 21 16:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

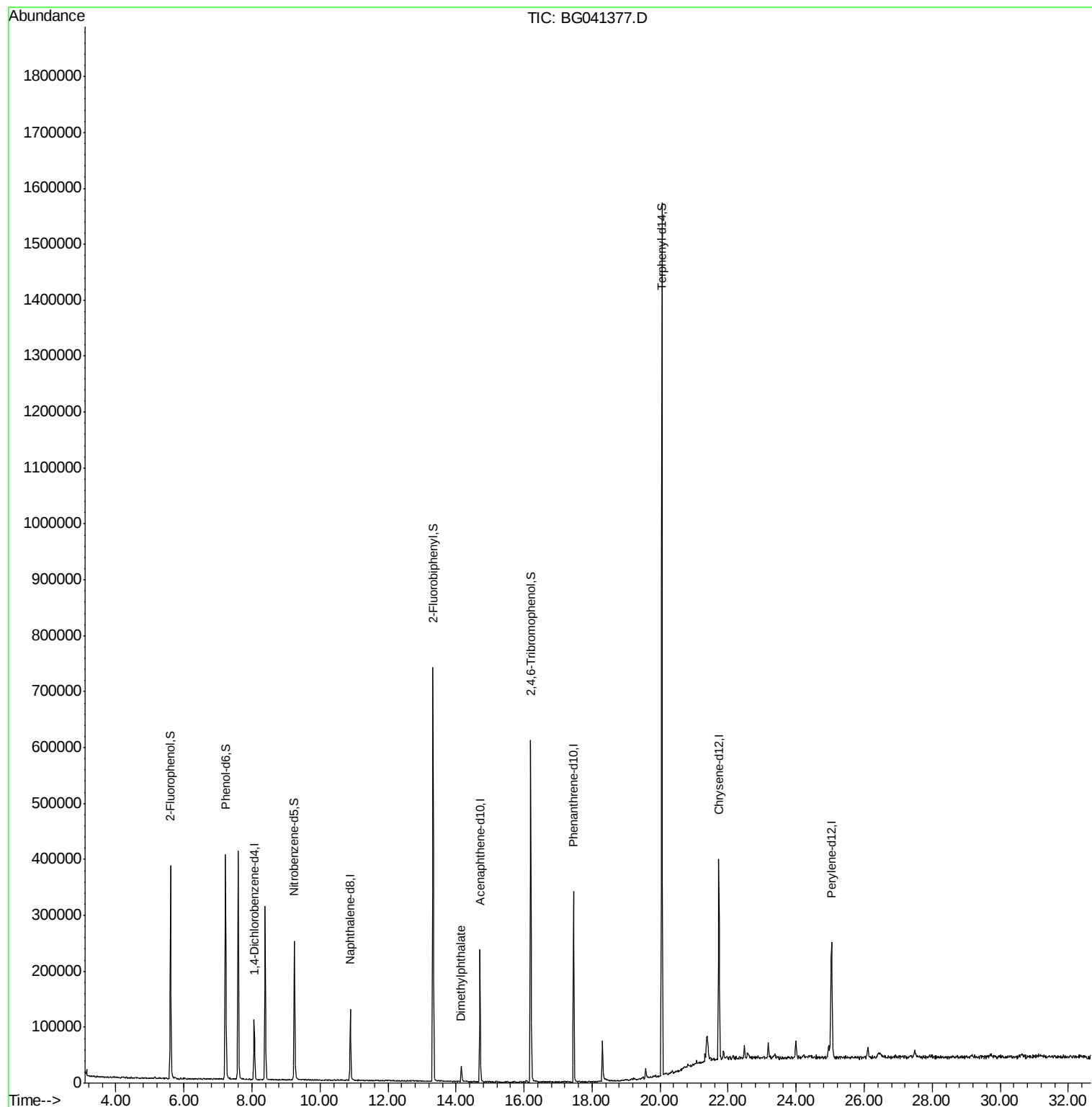
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29303	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	109598	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	82031	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	222739	20.00	ng	0.00
76) Chrysene-d12	21.73	240	219552	20.00	ng	-0.01
87) Perylene-d12	25.04	264	233741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156384	98.06	ng	0.00
7) Phenol-d6	7.23	99	227345	98.35	ng	0.00
23) Nitrobenzene-d5	9.25	82	160800	61.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	124068	98.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	383213	63.49	ng	-0.01
79) Terphenyl-d14	20.05	244	760329	68.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	24403	3.343	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: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

Instrument :

BNA_G

ClientSampleId :

GRAVEL-1

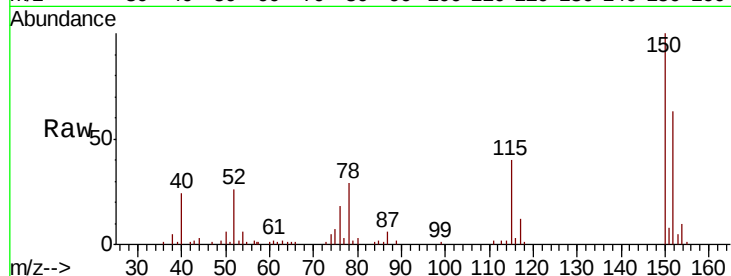
Tot Ion:152 Resp: 29303

Ion Ratio Lower Upper

152 100

150 158.3 120.6 181.0

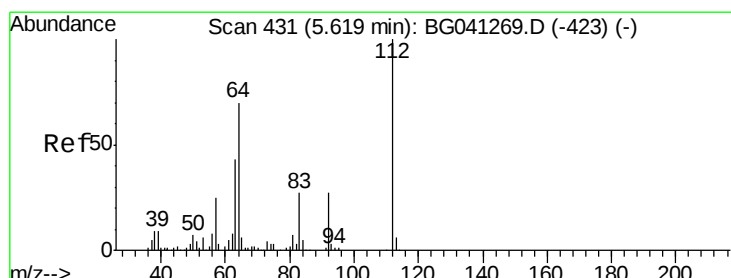
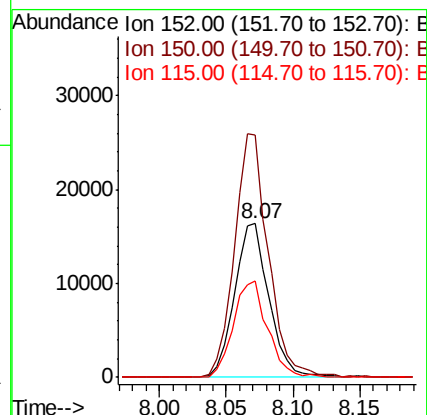
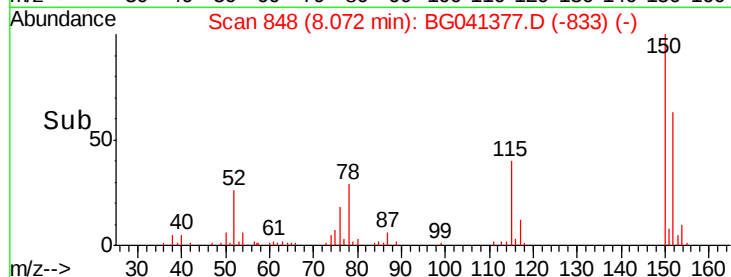
115 62.9 47.9 71.9



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: 98.059 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

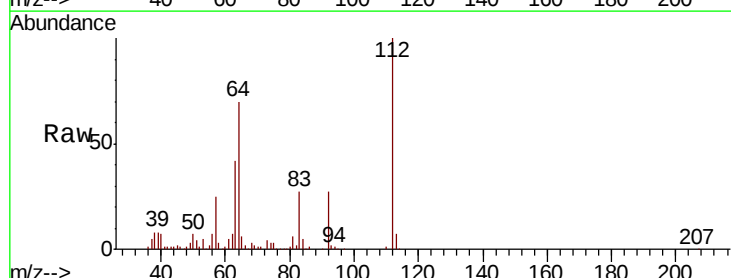
Tgt Ion:112 Resp: 156384

Ion Ratio Lower Upper

112 100

64 69.6 55.9 83.9

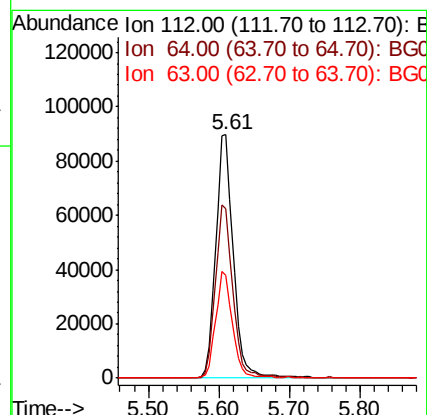
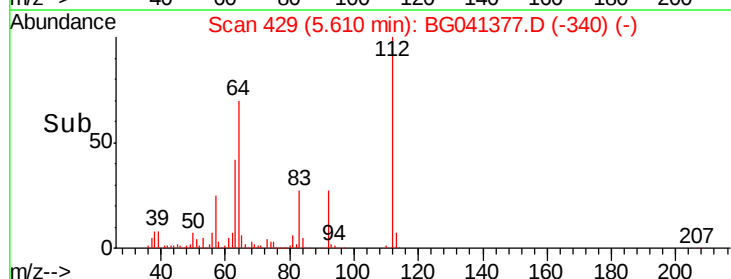
63 42.3 34.6 51.8

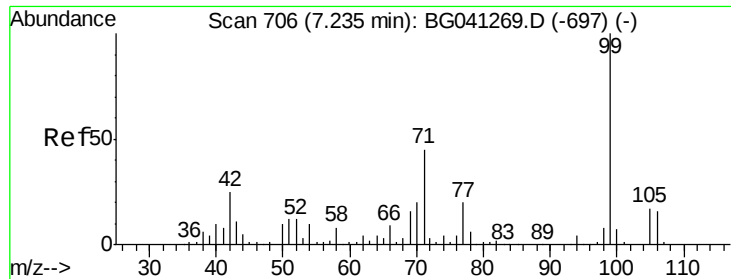


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.347 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

Instrument :

BNA_G

ClientSampleId :

GRAVEL-1

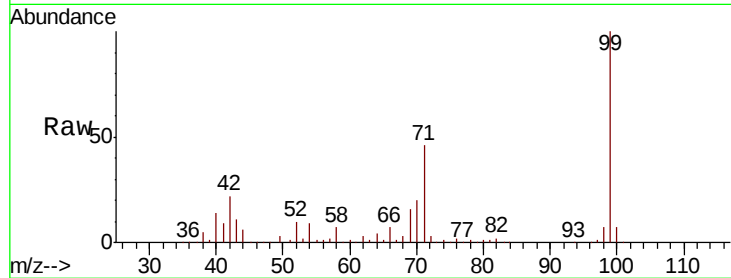
Tot Ion: 99 Resp: 227345

Ion Ratio Lower Upper

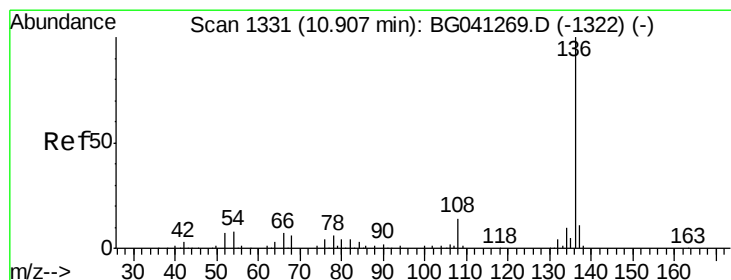
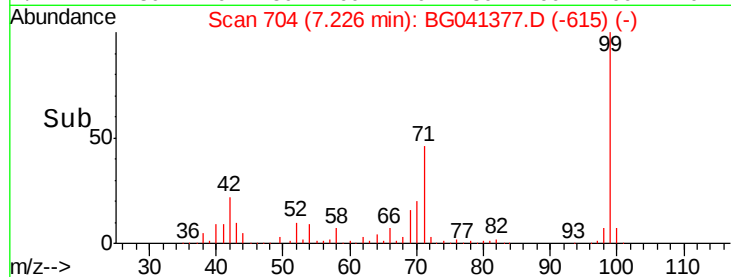
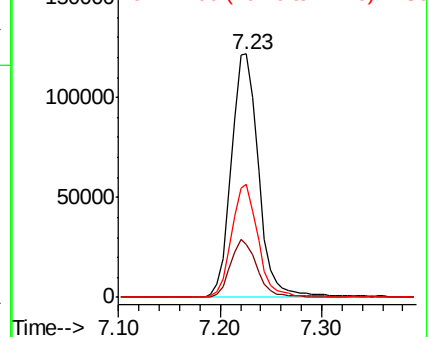
99 100

42 21.7 19.9 29.9

71 46.2 36.4 54.6



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: 10.89 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

Tgt Ion: 136 Resp: 109598

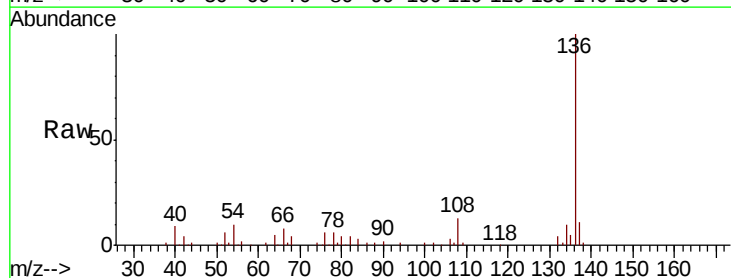
Ion Ratio Lower Upper

136 100

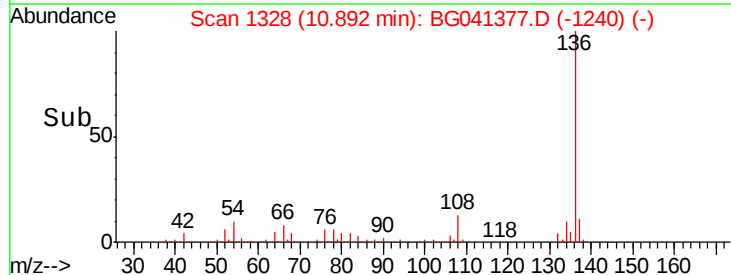
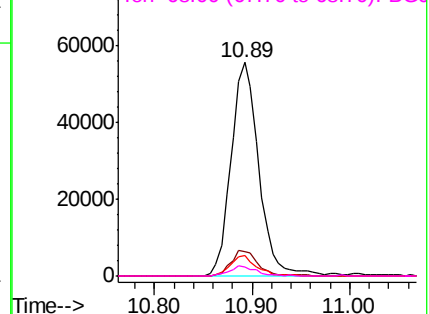
137 11.3 8.8 13.2

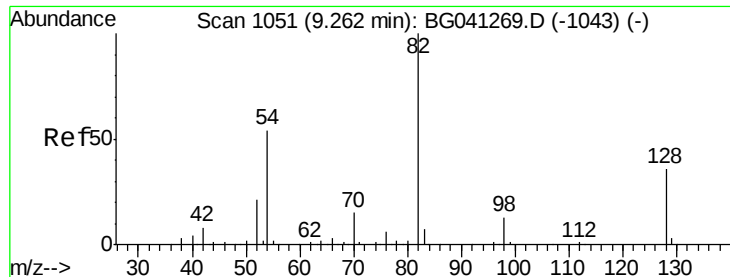
54 9.6 6.4 9.6#

68 4.4 4.8 7.2#



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

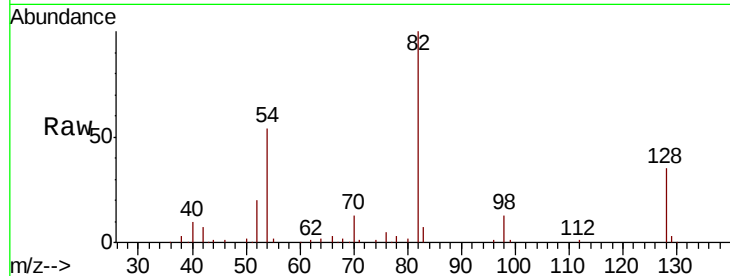




#23
Nitrobenzene-d5
Concen: 61.704 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

Instrument :
BNA_G
ClientSampleId :
GRAVEL-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.2	43.8
54	53.5	43.4	65.0

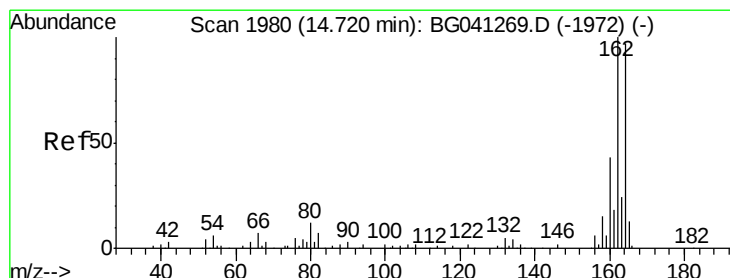
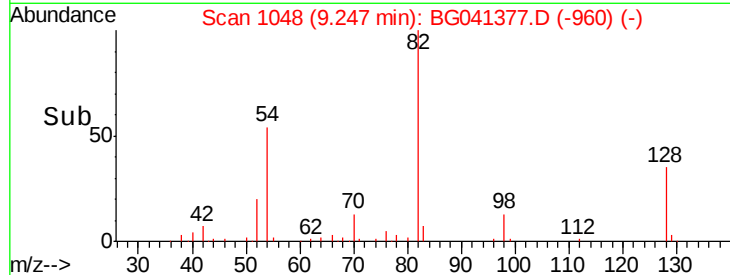
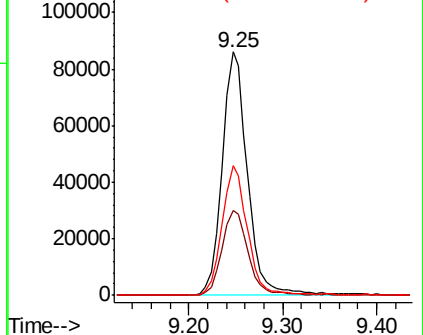


Abundance

Ion 82.00 (81.70 to 82.70): BGC

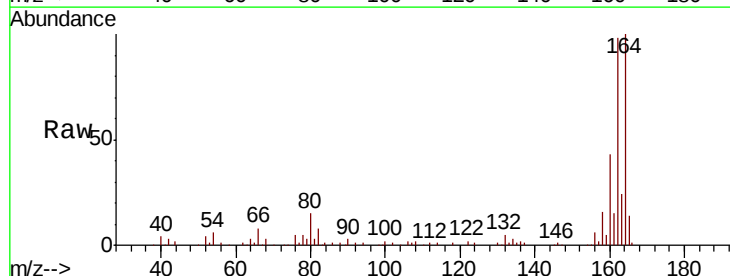
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.8	124.2
160	43.3	35.8	53.8

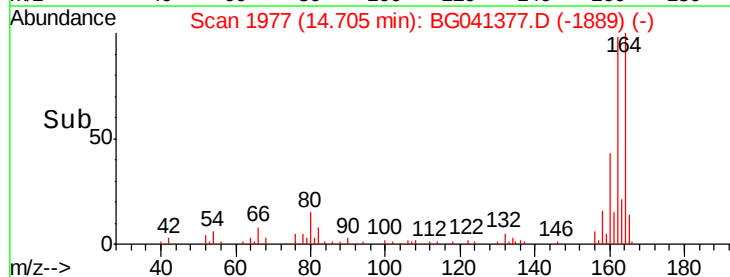
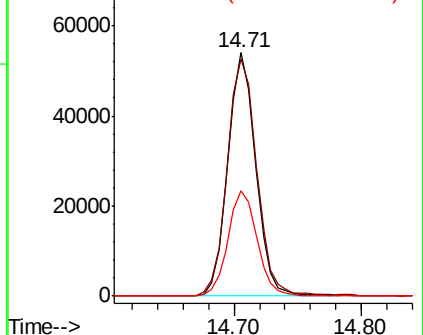


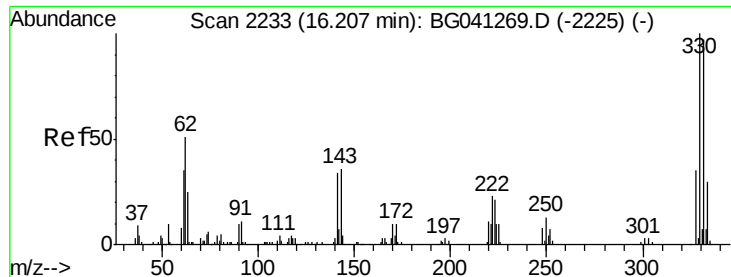
Abundance

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: 98.517 ng

RT: 16.20 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

Instrument :

BNA_G

ClientSampleId :

GRAVEL-1

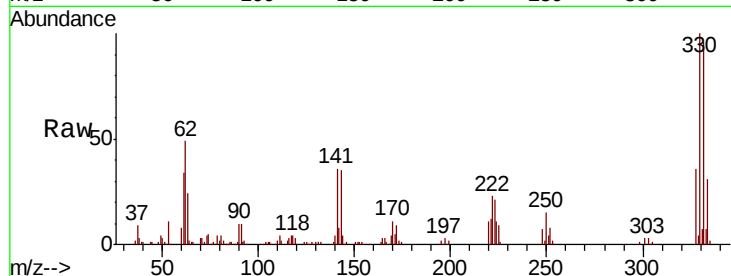
Tot Ion:330 Resp: 124068

Ion Ratio Lower Upper

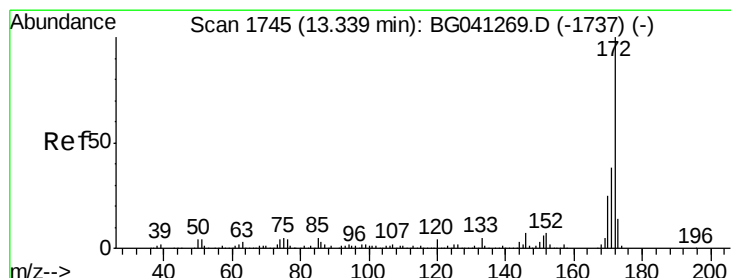
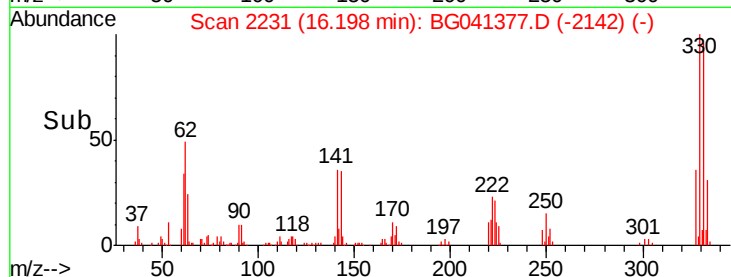
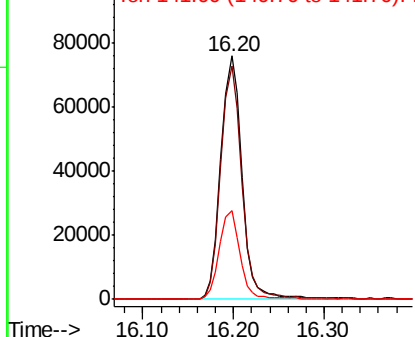
330 100

332 95.2 75.5 113.3

141 35.1 29.0 43.4



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: 63.494 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041377.D

Acq: 21 Jun 2019 14:03

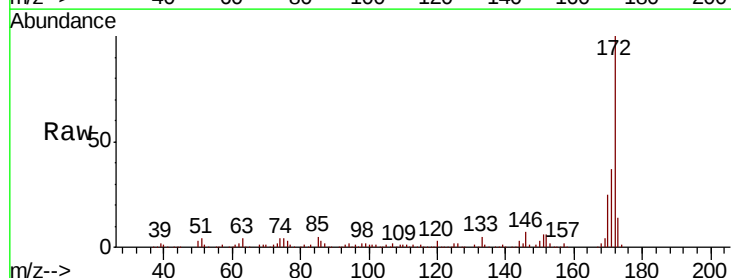
Tgt Ion:172 Resp: 383213

Ion Ratio Lower Upper

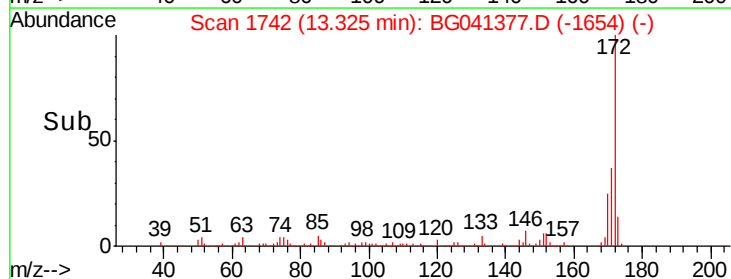
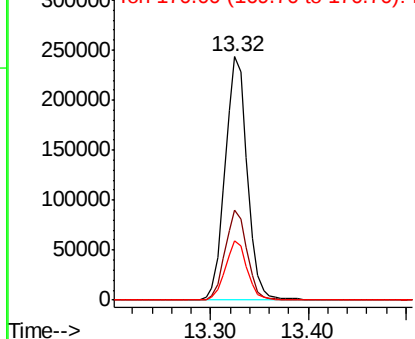
172 100

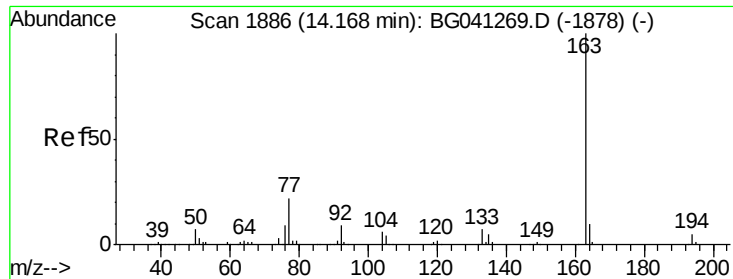
171 37.1 30.0 45.0

170 24.6 19.8 29.6



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

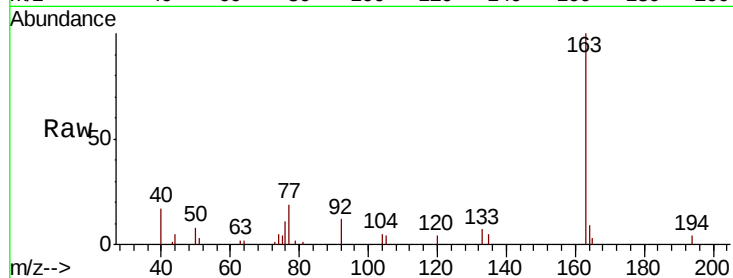




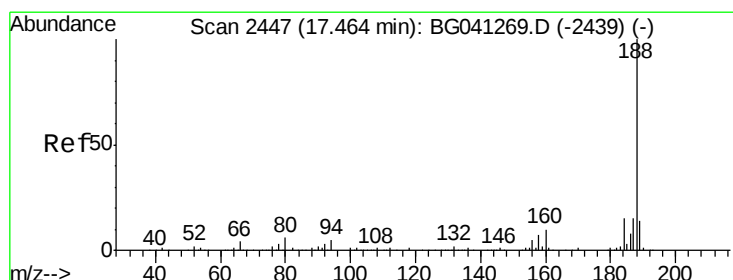
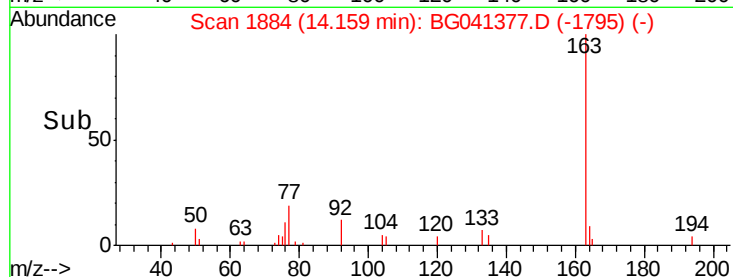
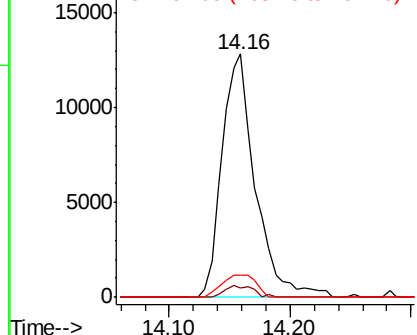
#50
Dimethylphthalate
Concen: 3.343 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

Instrument :
BNA_G
ClientSampleId :
GRAVEL-1

Tot Ion:163 Resp: 24403
Ion Ratio Lower Upper
163 100
194 3.6 3.9 5.9#
164 9.2 8.3 12.5

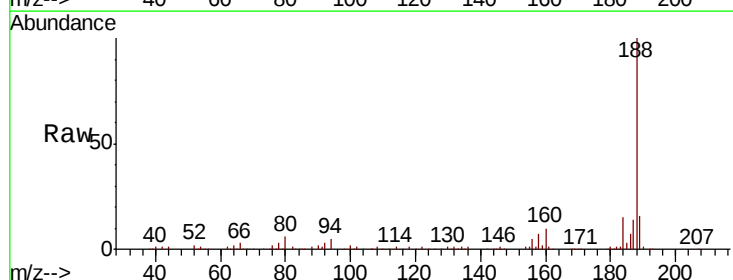


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

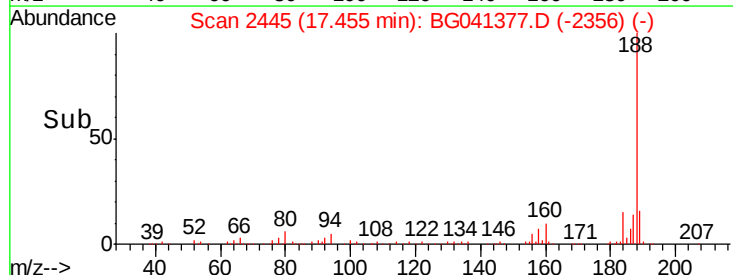
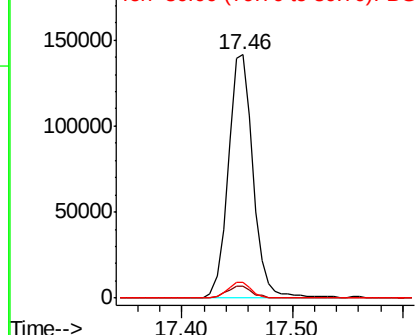


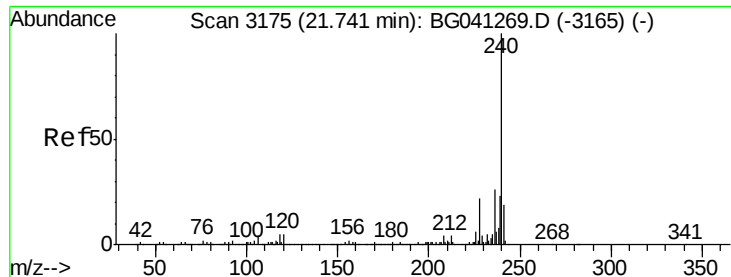
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

Tgt Ion:188 Resp: 222739
Ion Ratio Lower Upper
188 100
94 4.7 3.6 5.4
80 6.3 4.8 7.2



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

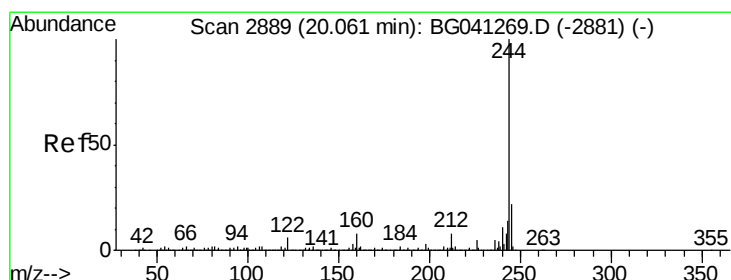
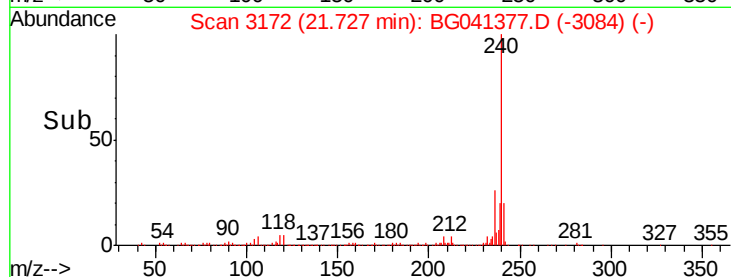
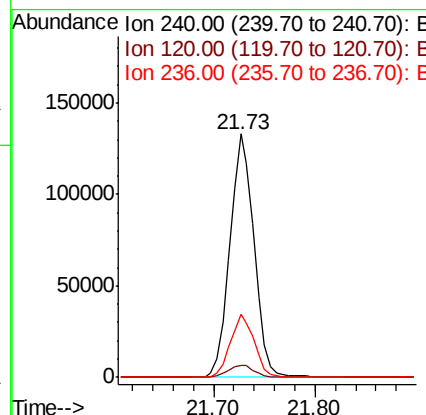
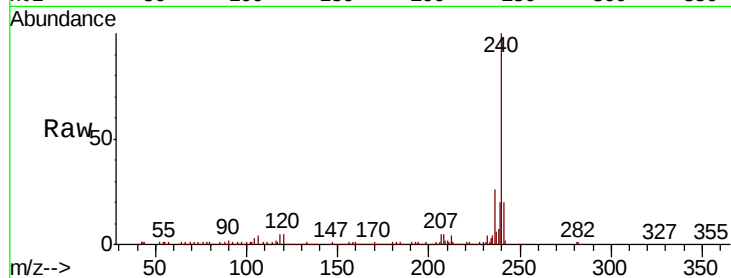




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

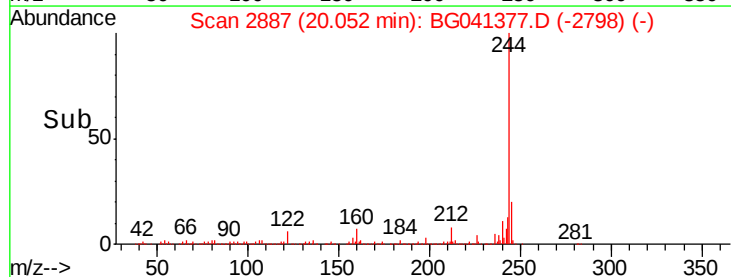
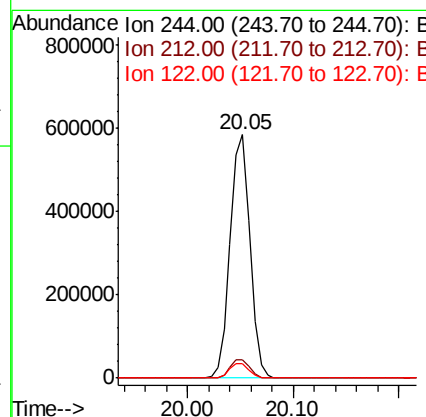
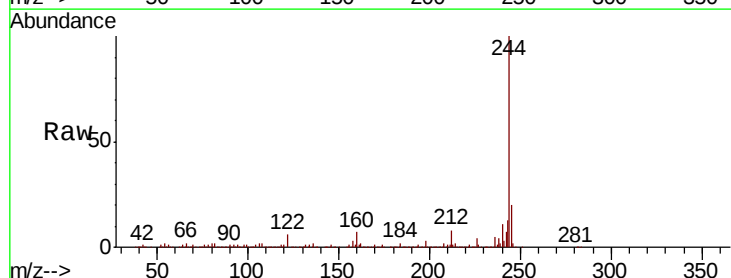
Instrument :
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ClientSampleId :
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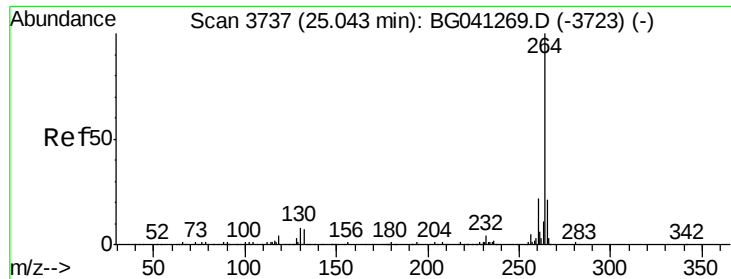
Tot Ion:240 Resp: 219552
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 25.7 21.1 31.7



#79
Terphenyl-d14
Concen: 68.631 ng
RT: 20.05 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BG041377.D
Acq: 21 Jun 2019 14:03

Tgt Ion:244 Resp: 760329
Ion Ratio Lower Upper
244 100
212 7.6 6.6 10.0
122 5.8 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3736
 Delta R.T. -0.00 min
 Lab File: BG041377.D
 Acq: 21 Jun 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 GRAVEL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.2
265	20.1	17.2	25.8

