

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071916\
 Data File : BG023182.D
 Acq On : 19 Jul 2016 18:53
 Operator : UM/SJ
 Sample : H4083-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-61-071416

Quant Time: Jul 21 19:15:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	103776	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	476199	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	369524	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	861017	20.00	ng	0.00
75) Chrysene-d12	21.87	240	887073	20.00	ng	-0.01
86) Perylene-d12	25.26	264	800279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	807372	127.24	ng	0.00
7) Phenol-d6	7.30	99	1221586	122.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	1018512	91.58	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	637267	95.96	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2013446	85.83	ng	0.00
78) Terphenyl-d14	20.16	244	2823865	116.31	ng	0.00

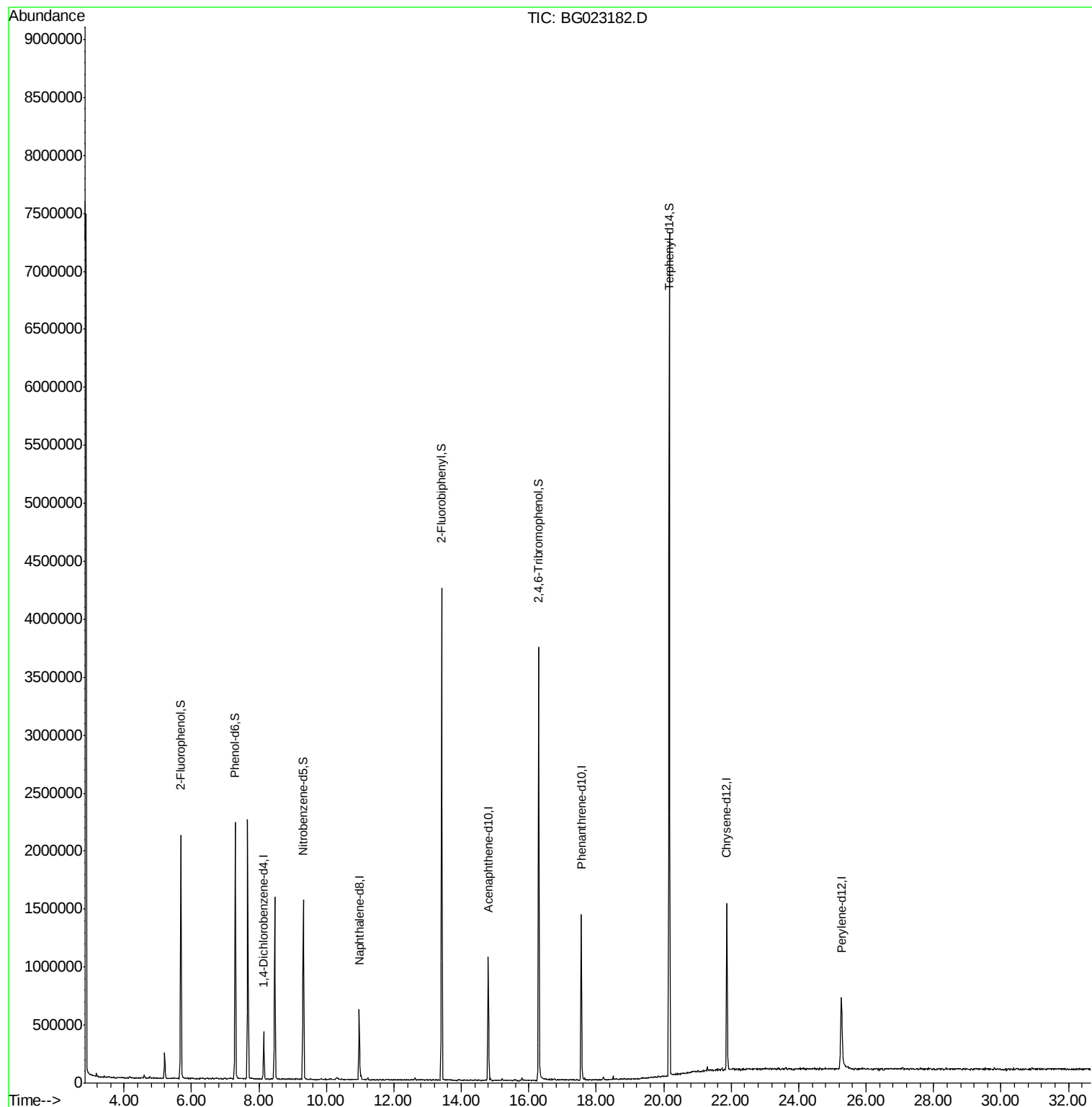
Target Compounds	Qvalue
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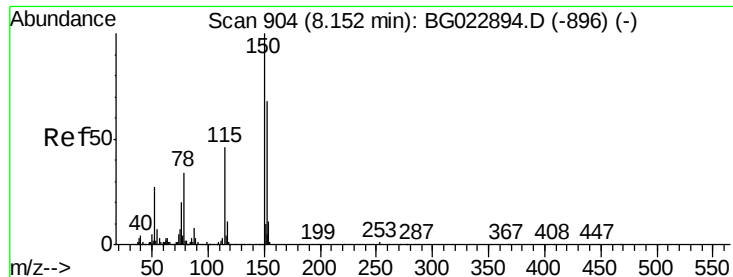
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.01 min

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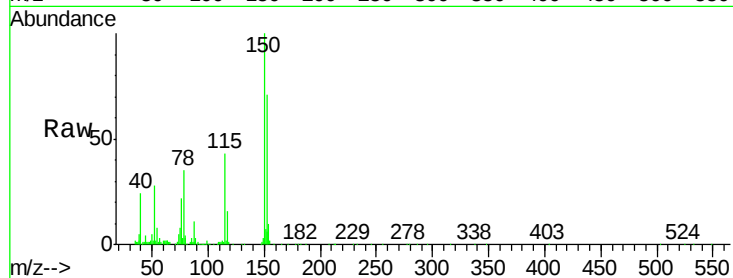
Tgt Ion:152 Resp: 103776

Ion Ratio Lower Upper

152 100

150 140.4 144.7 217.1#

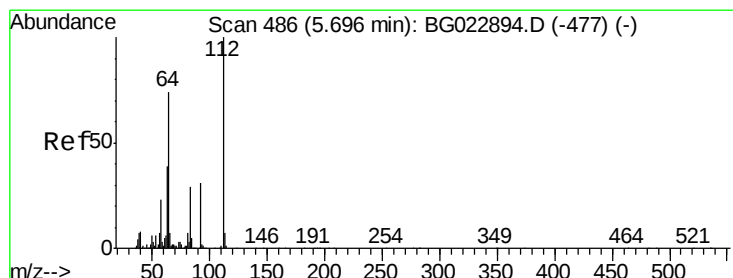
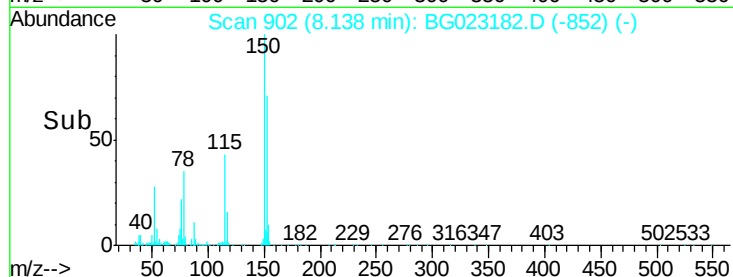
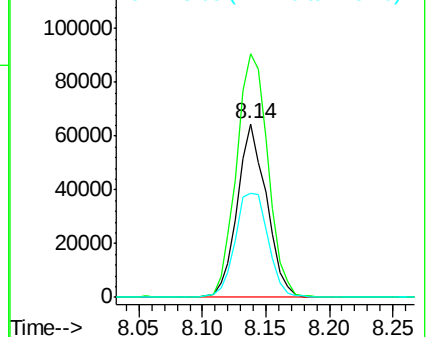
115 60.2 64.0 96.0#



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: 127.24 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

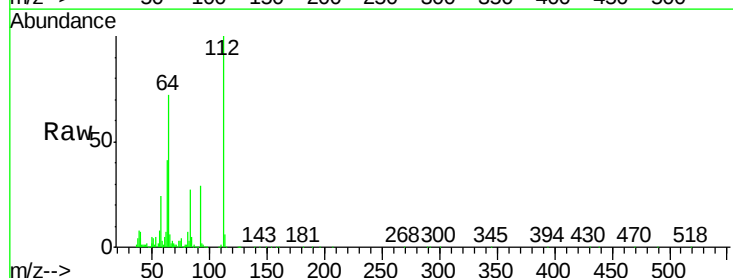
Tgt Ion:112 Resp: 807372

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

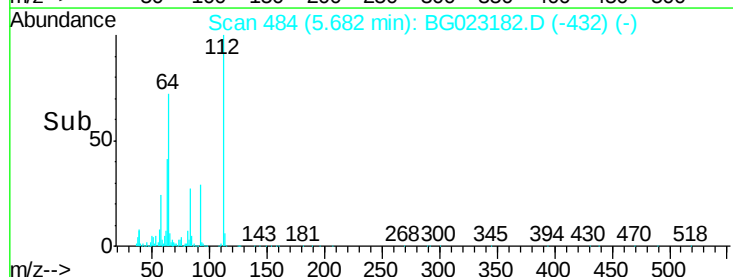
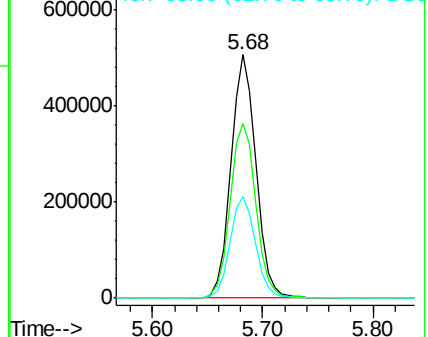
63 41.5 37.8 56.8

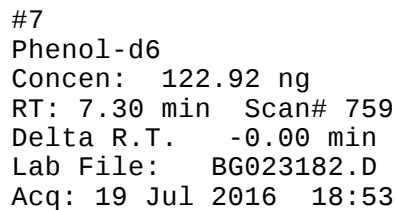


Abundance Ion 112.00 (111.70 to 112.70): E

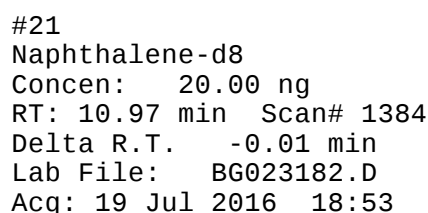
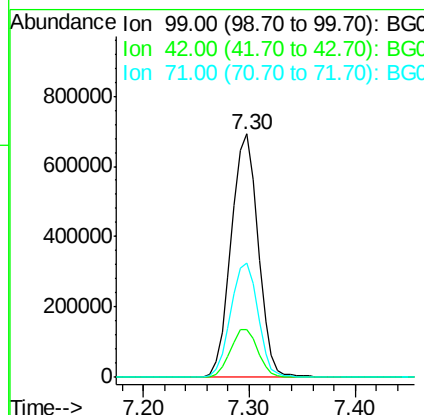
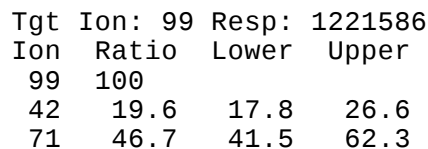
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

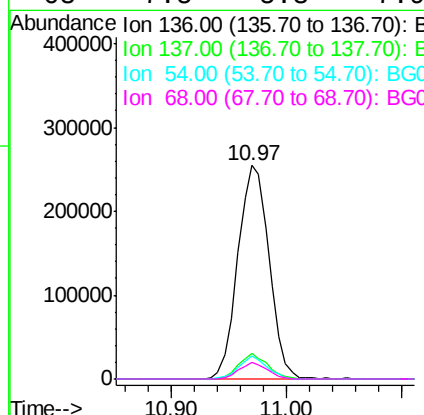


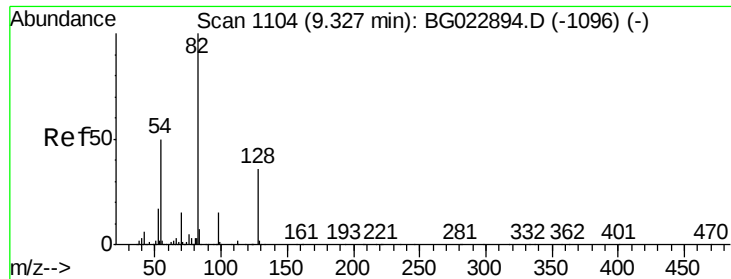


Instrument :
BNA_G
ClientSampleId :
HSR-WC-61-071416



Tgt	Ion:136	Resp:	476199
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.6	7.3	10.9
68	7.5	5.3	7.9

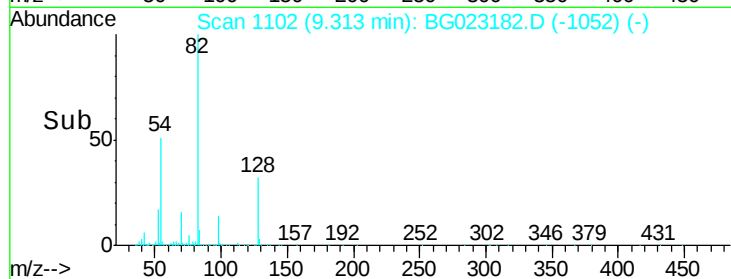
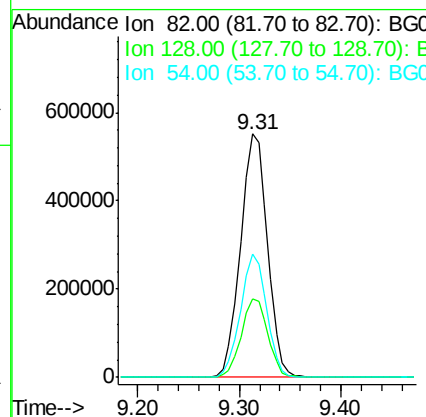
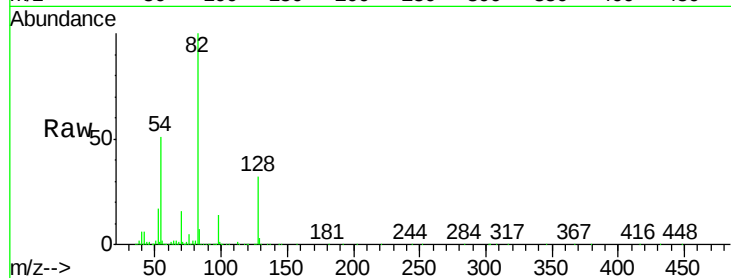




#23
Nitrobenzene-d5
Concen: 91.58 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

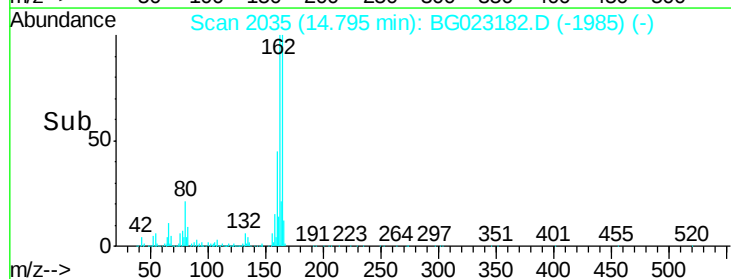
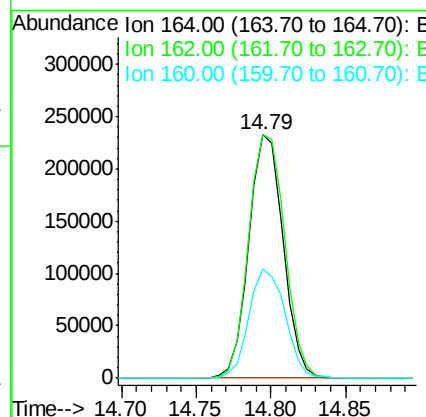
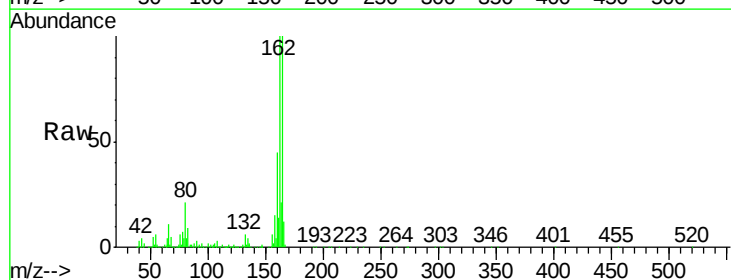
Instrument :
BNA_G
ClientSampleId :
HSR-WC-61-071416

Tgt Ion: 82 Resp: 1018512
Ion Ratio Lower Upper
82 100
128 32.0 24.4 36.6
54 50.8 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Tgt Ion: 164 Resp: 369524
Ion Ratio Lower Upper
164 100
162 100.0 87.7 131.5
160 44.6 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 95.96 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-61-071416

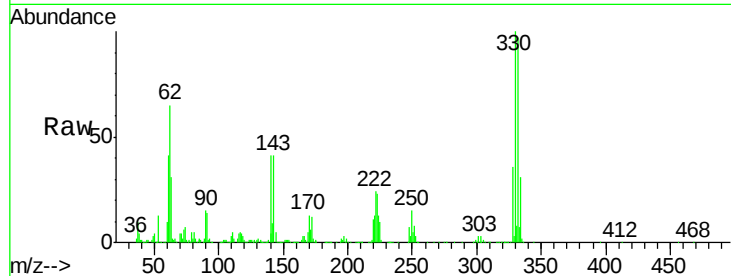
Tgt Ion:330 Resp: 637267

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

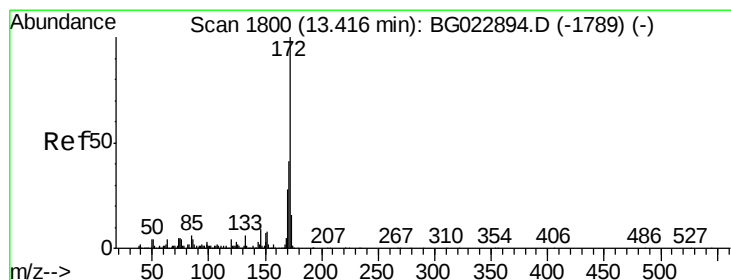
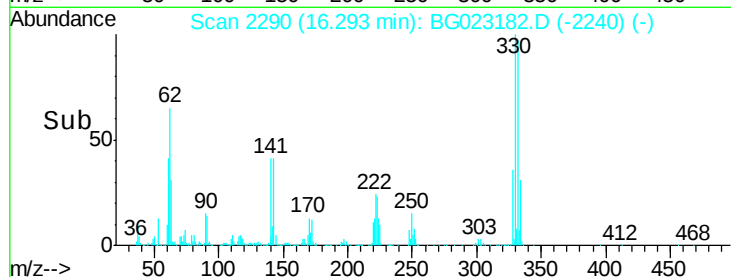
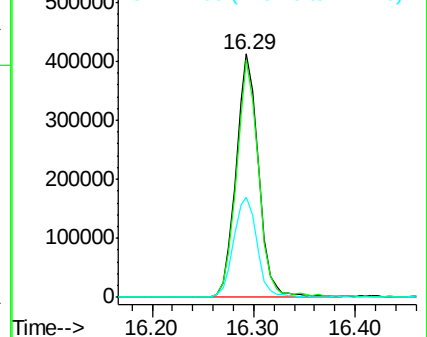
141 42.9 31.7 47.5



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: 85.83 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

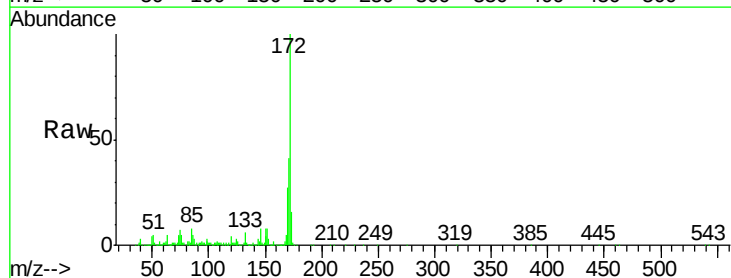
Tgt Ion:172 Resp: 2013446

Ion Ratio Lower Upper

172 100

171 41.1 31.6 47.4

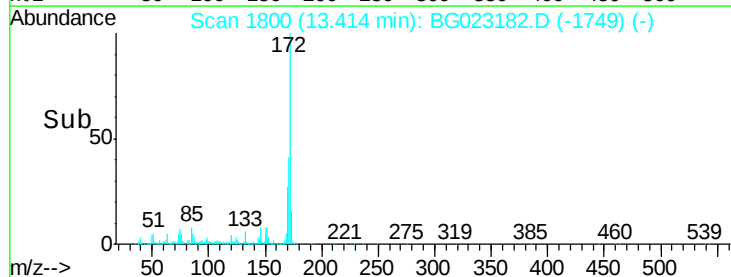
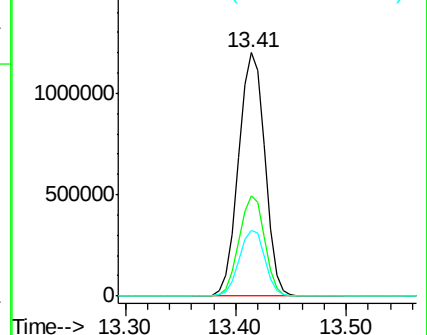
170 27.2 21.3 31.9

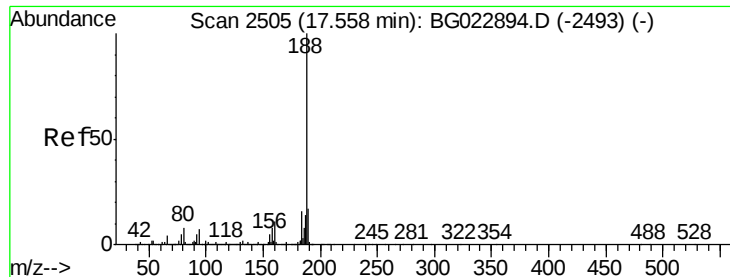


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

BNA_G

ClientSampleId :

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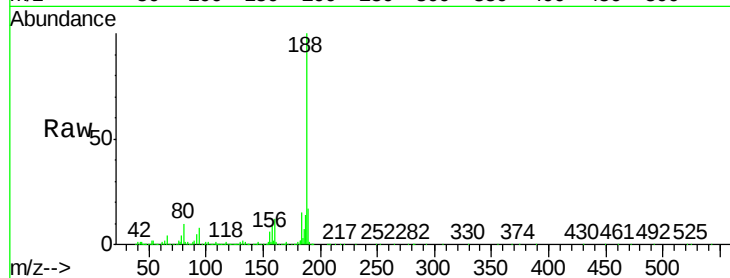
Tgt Ion:188 Resp: 861017

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

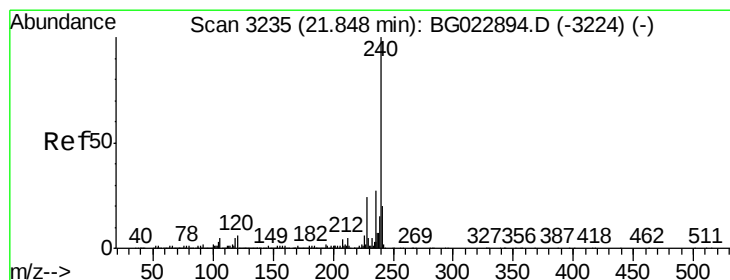
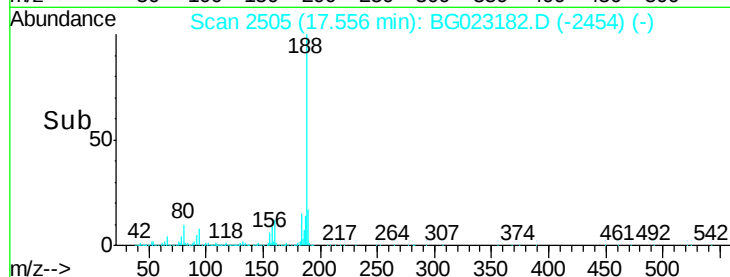
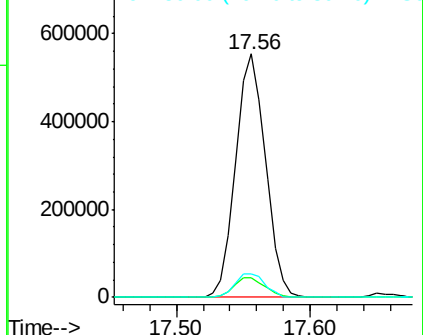
80 9.6 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

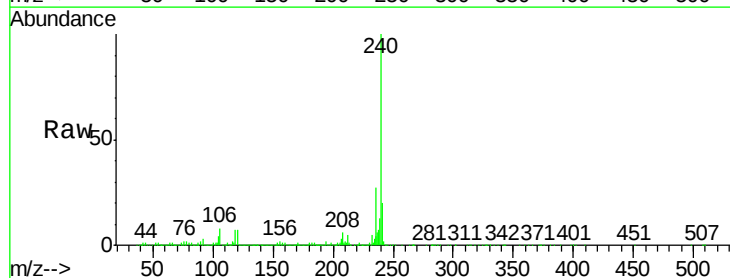
Tgt Ion:240 Resp: 887073

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

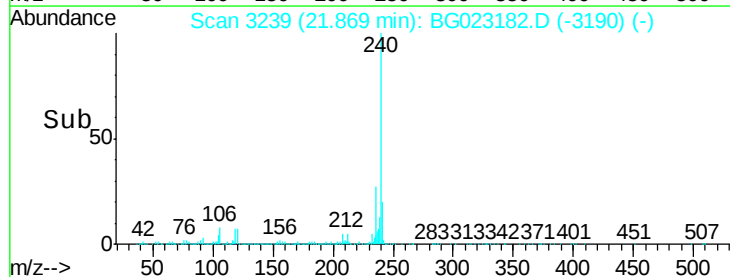
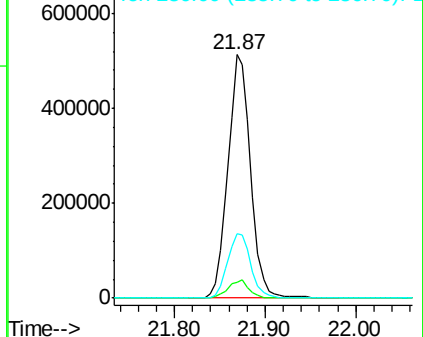
236 26.7 21.1 31.7

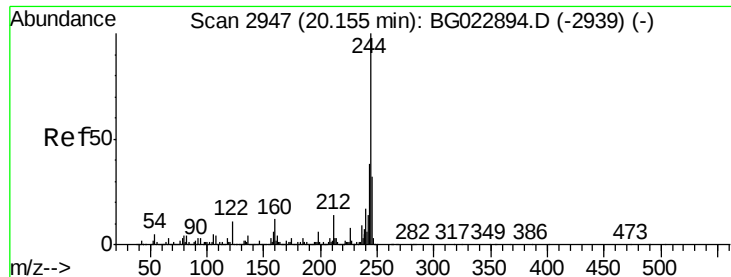


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 116.31 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

BNA_G

ClientSampleId :

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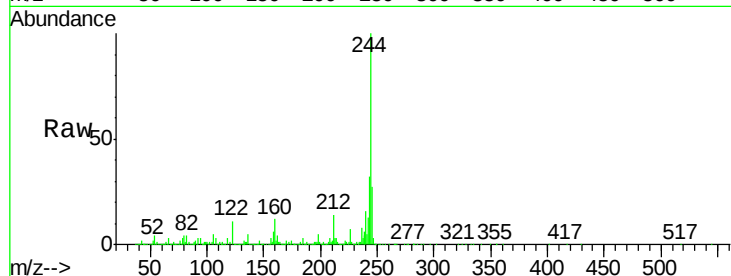
Tgt Ion:244 Resp: 2823865

Ion Ratio Lower Upper

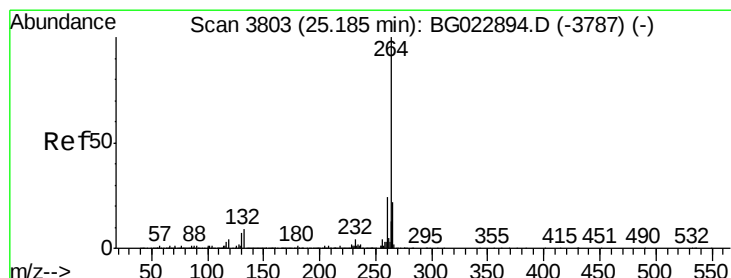
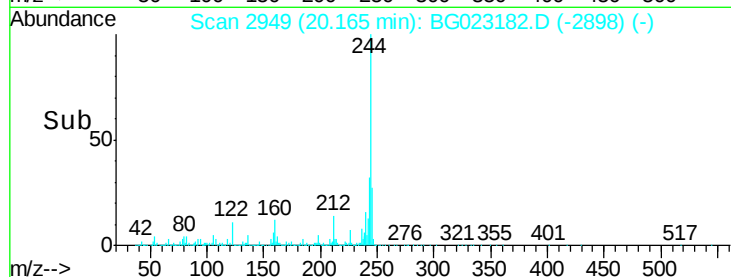
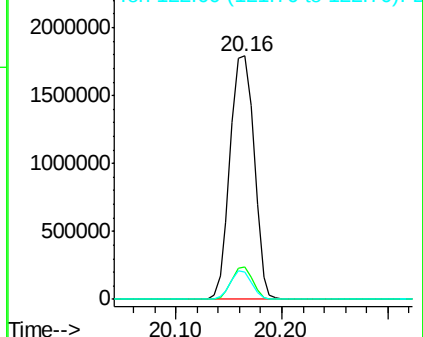
244 100

212 13.5 10.8 16.2

122 11.4 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

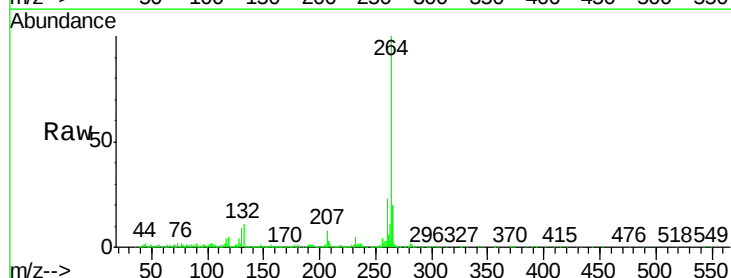
Tgt Ion:264 Resp: 800279

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 20.5 18.9 28.3



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

