

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
 Data File : BG023952.D
 Acq On : 6 Sep 2016 18:12
 Operator : UM/SJ
 Sample : H4680-32
 Misc :
 ALS Vial : 7 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 EB03-083016

Quant Time: Sep 06 18:51:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63524	40.00	ng	-0.02
21) Naphthalene-d8	10.91	136	284724	40.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	211310	40.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	452683	40.00	ng	-0.02
75) Chrysene-d12	21.82	240	481077	40.00	ng	-0.03
86) Perylene-d12	25.17	264	494623	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	147291	81.42	ng	-0.02
7) Phenol-d6	7.24	99	127382	45.74	ng	-0.02
23) Nitrobenzene-d5	9.25	82	440446	138.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	288388	151.50	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	936121	127.03	ng	-0.02
78) Terphenyl-d14	20.11	244	1149679	108.85	ng	-0.02

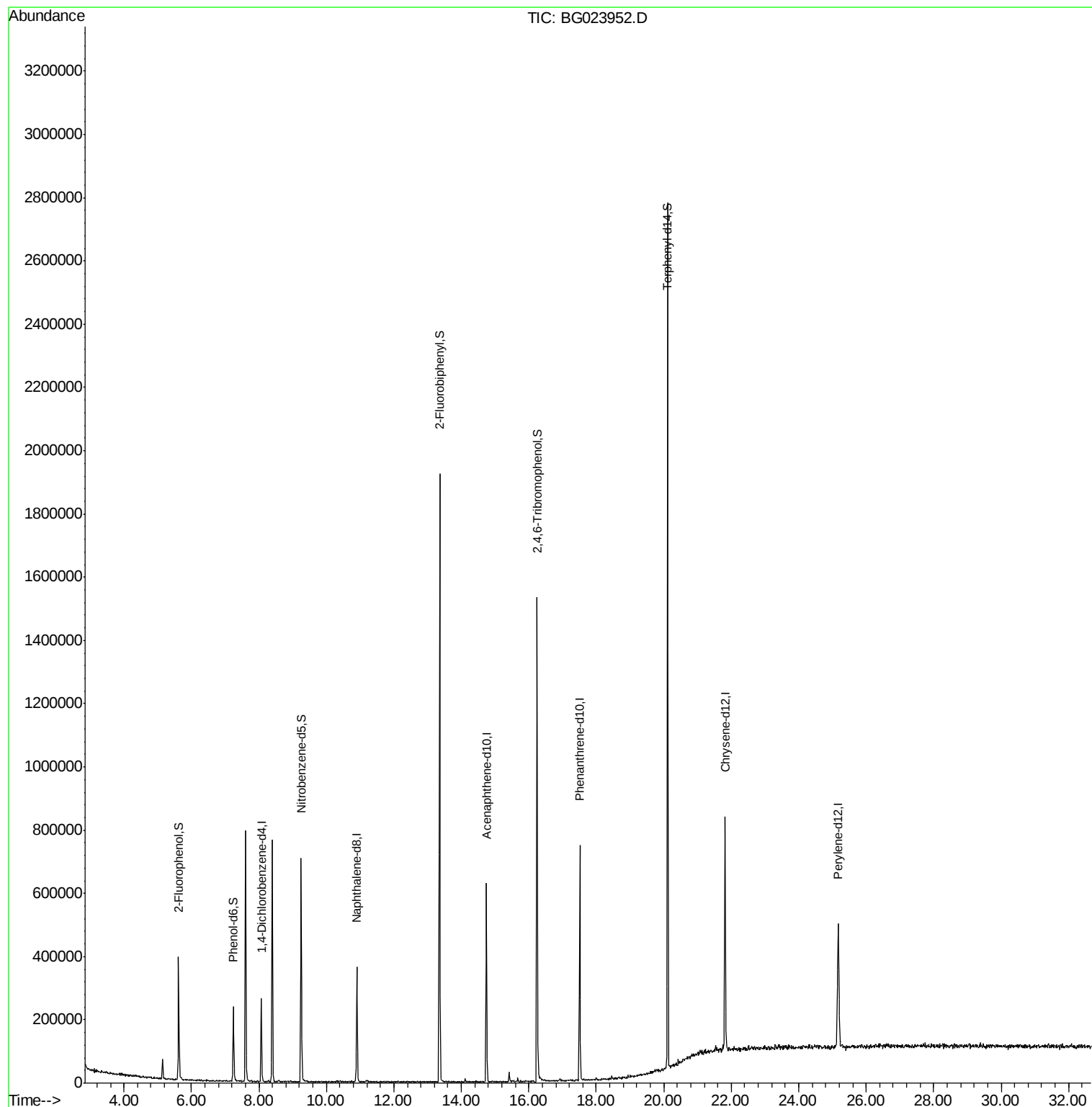
Target Compounds	Qvalue
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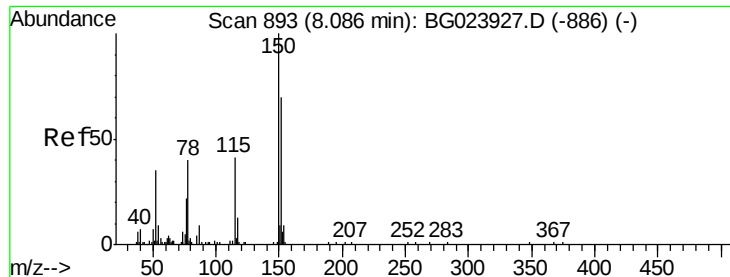
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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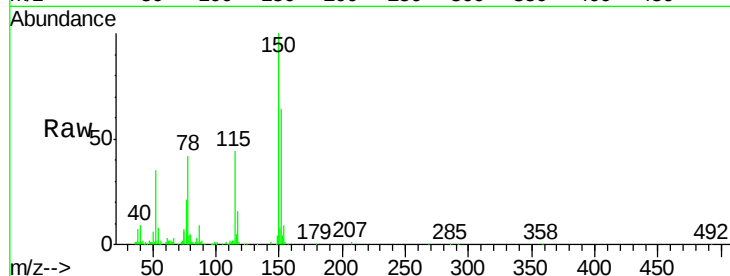


#1

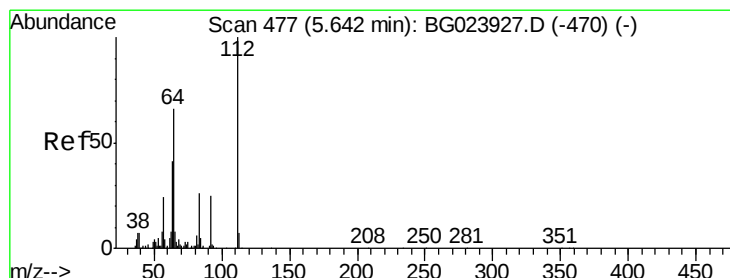
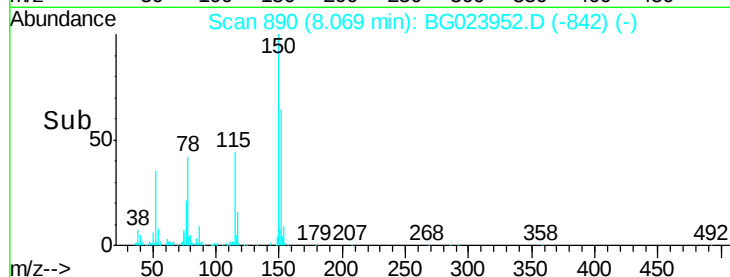
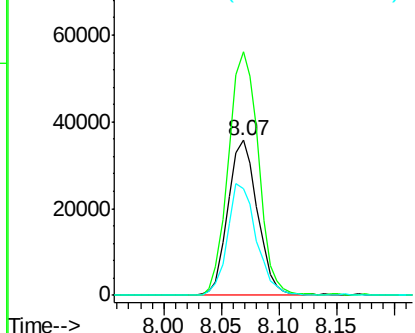
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Instrument :
BNA_G
ClientSampleId :
EB03-083016

Tgt Ion:152 Resp: 63524
Ion Ratio Lower Upper
152 100
150 156.9 144.7 217.1
115 69.0 64.0 96.0



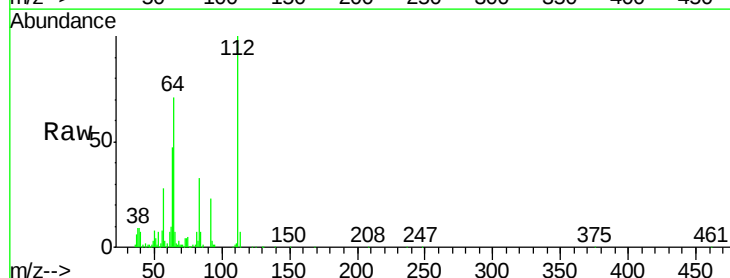
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



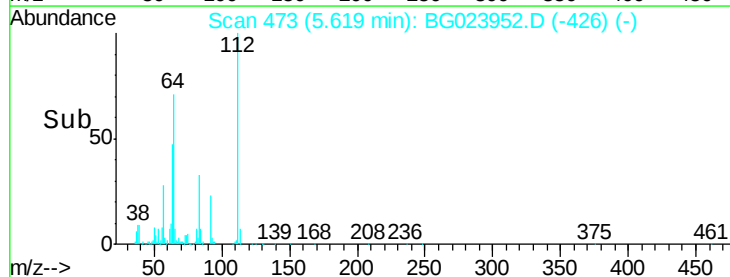
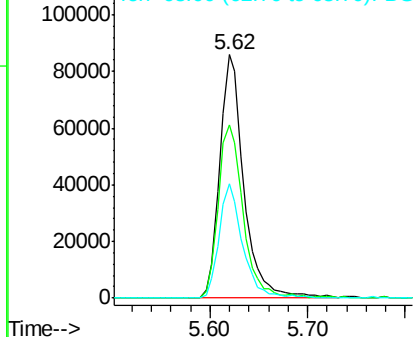
#5

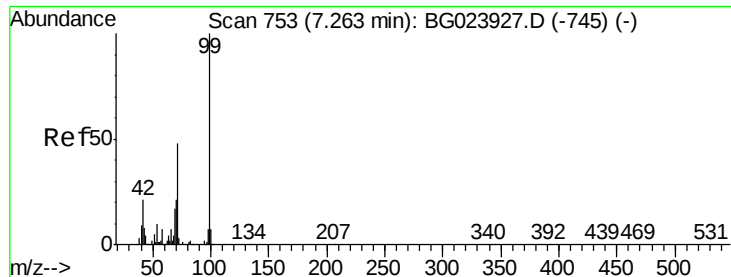
2-Fluorophenol
Concen: 81.42 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG023952.D
Acq: 6 Sep 2016 18:12

Tgt Ion:112 Resp: 147291
Ion Ratio Lower Upper
112 100
64 71.4 59.0 88.4
63 47.1 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





#7

Phenol-d6

Concen: 45.74 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

EB03-083016

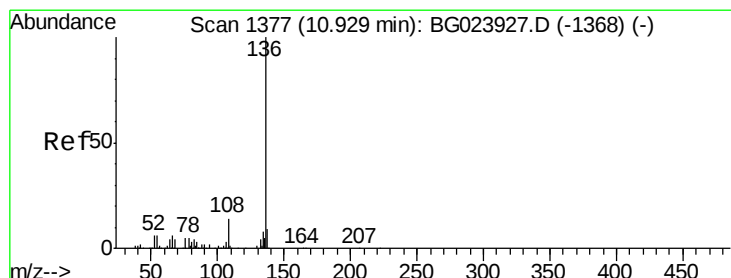
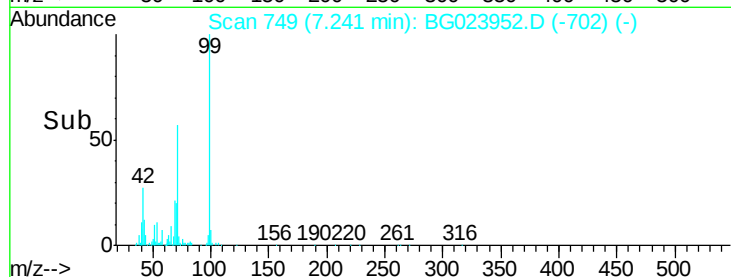
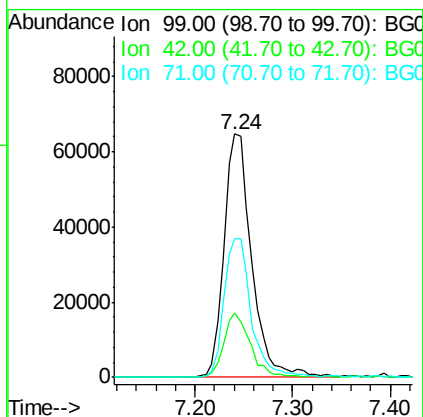
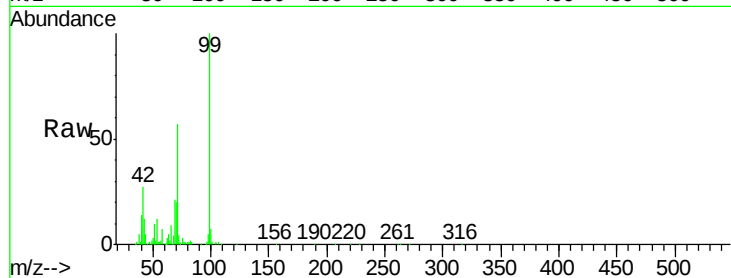
Tgt Ion: 99 Resp: 127382

Ion Ratio Lower Upper

99 100

42 26.6 17.8 26.6#

71 56.9 41.5 62.3



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 10.91 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Tgt Ion: 136 Resp: 284724

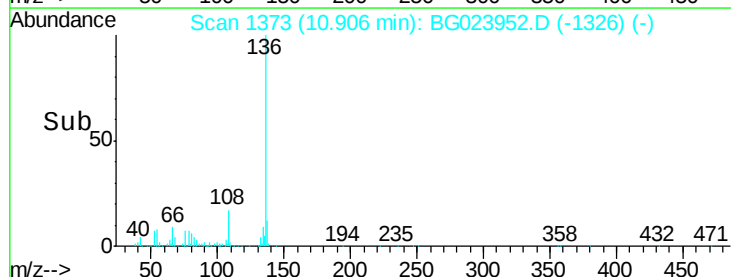
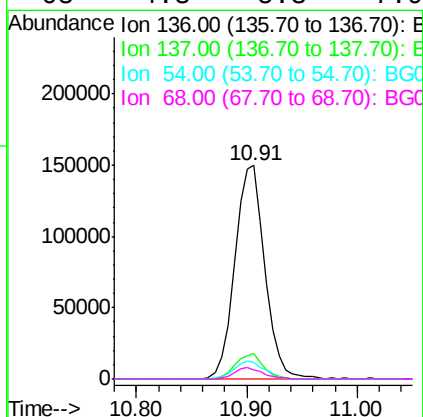
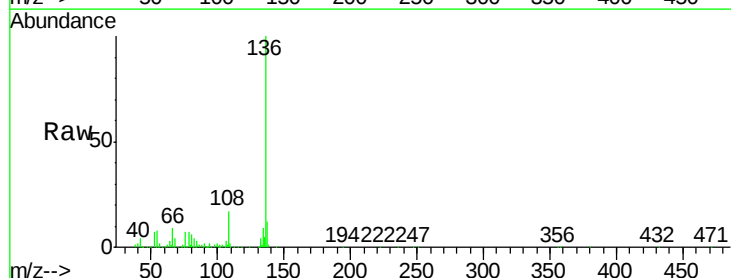
Ion Ratio Lower Upper

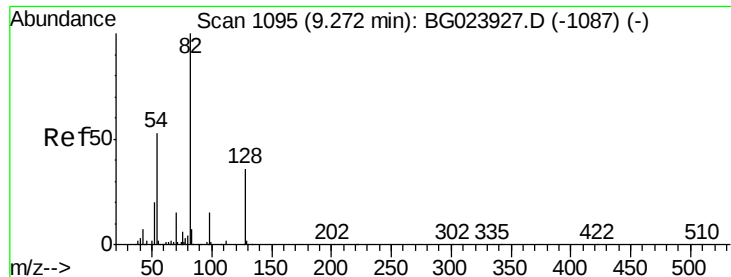
136 100

137 12.1 9.6 14.4

54 7.8 7.3 10.9

68 4.3 5.3 7.9#

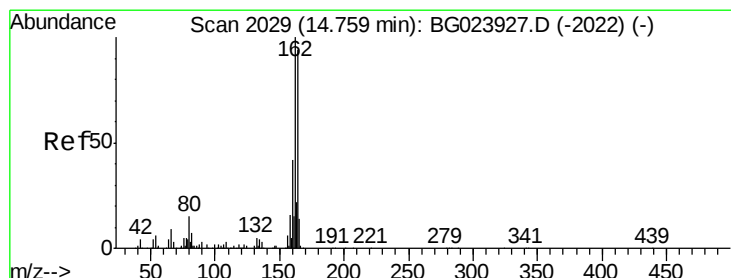
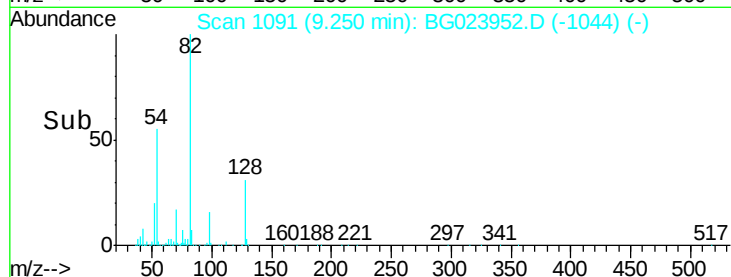
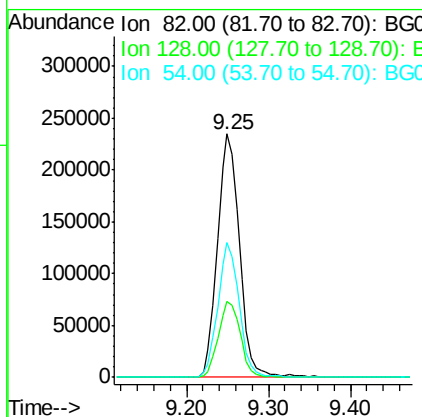
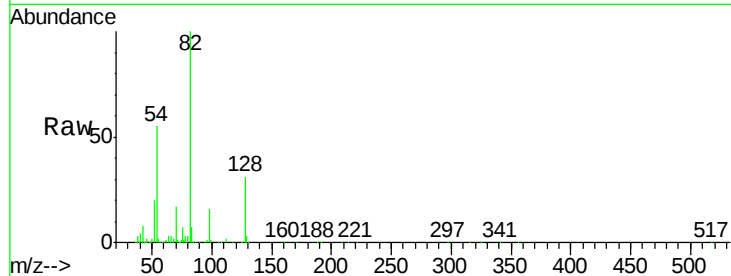




#23
 Nitrobenzene-d5
 Concen: 138.12 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

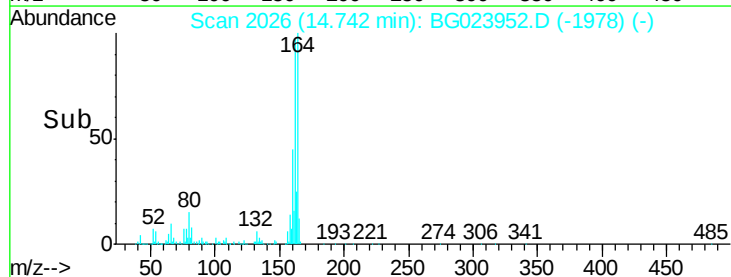
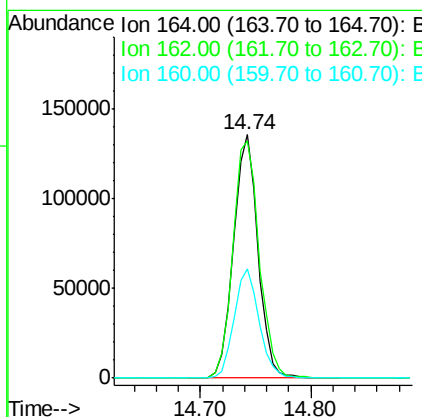
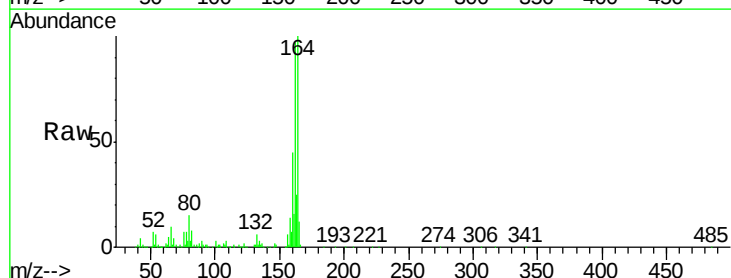
Instrument :
 BNA_G
 ClientSampleId :
 EB03-083016

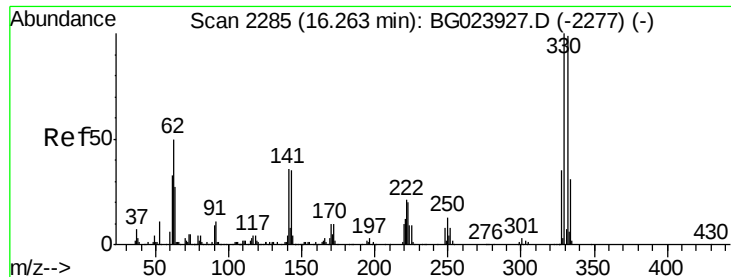
Tgt Ion: 82 Resp: 440446
 Ion Ratio Lower Upper
 82 100
 128 31.0 24.4 36.6
 54 55.2 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG023952.D
 Acq: 6 Sep 2016 18:12

Tgt Ion: 164 Resp: 211310
 Ion Ratio Lower Upper
 164 100
 162 97.4 87.7 131.5
 160 45.0 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 151.50 ng

RT: 16.25 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

EB03-083016

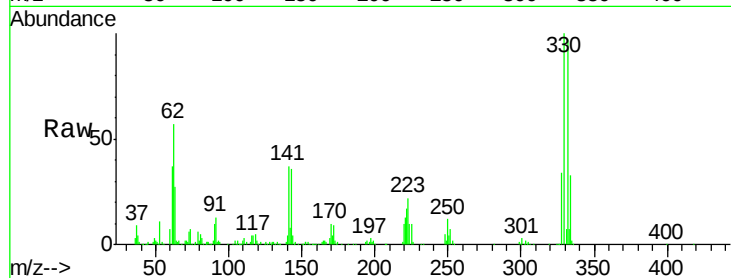
Tgt Ion:330 Resp: 288388

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

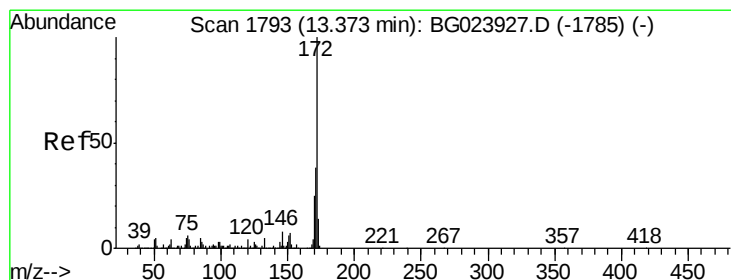
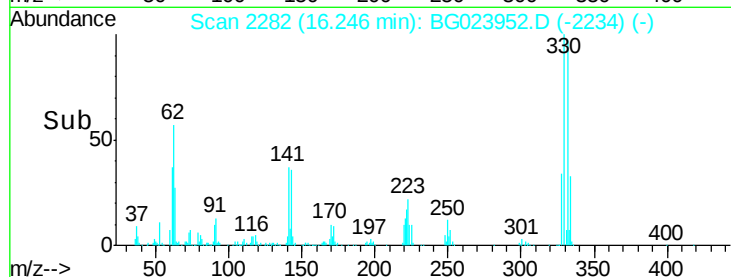
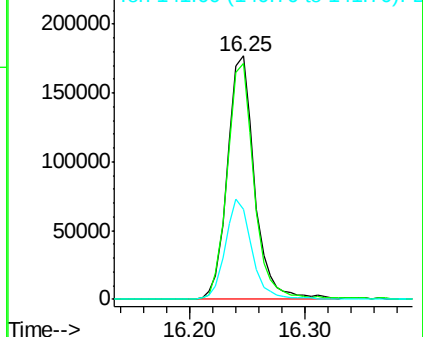
141 40.4 31.7 47.5



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: 127.03 ng

RT: 13.36 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

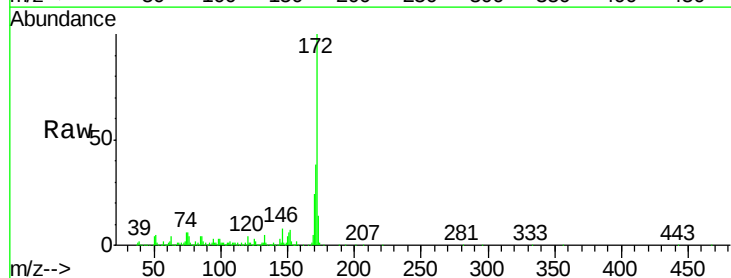
Tgt Ion:172 Resp: 936121

Ion Ratio Lower Upper

172 100

171 37.9 31.6 47.4

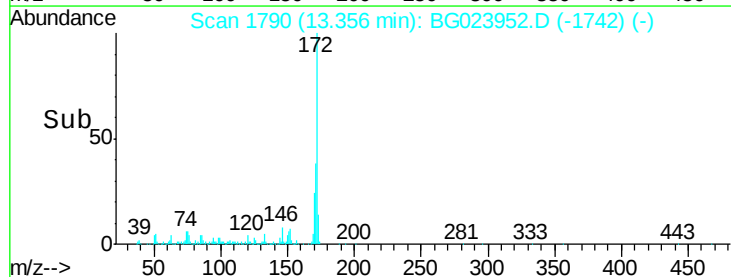
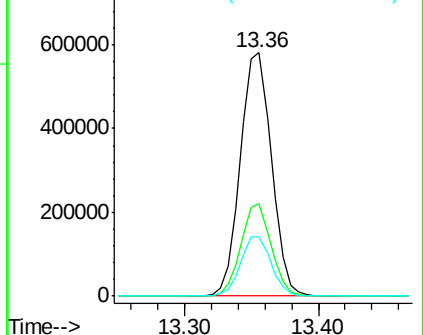
170 24.4 21.3 31.9

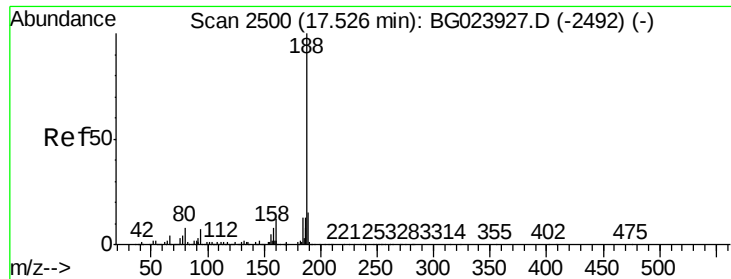


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

EB03-083016

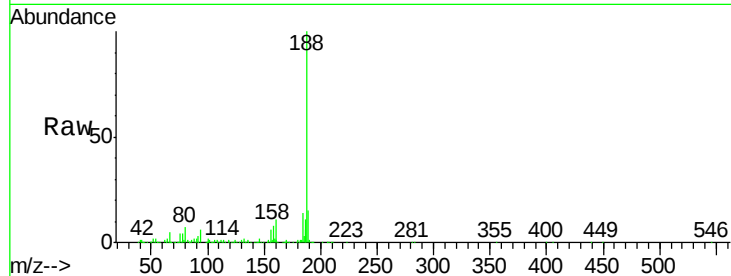
Tgt Ion:188 Resp: 452683

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

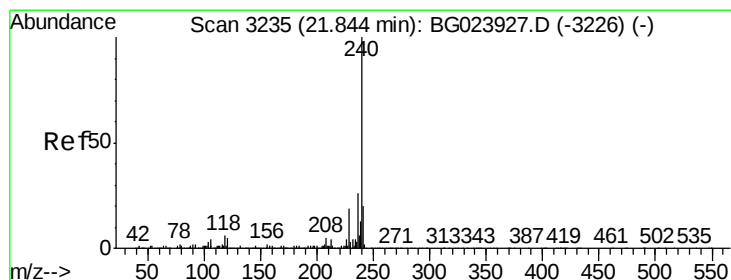
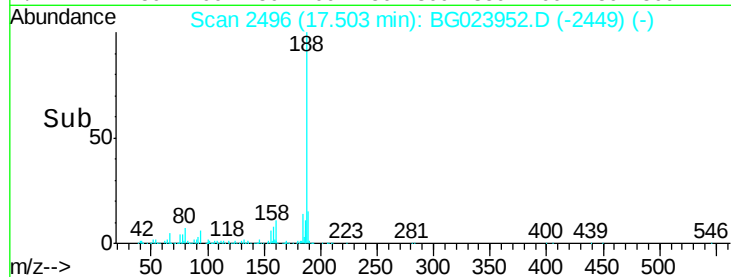
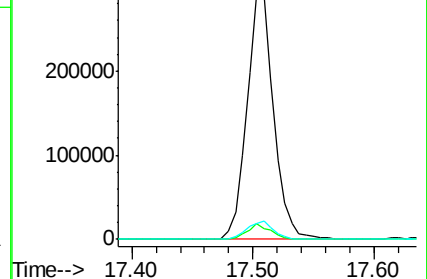
80 6.7 7.2 10.8#



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: 40.00 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.03 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

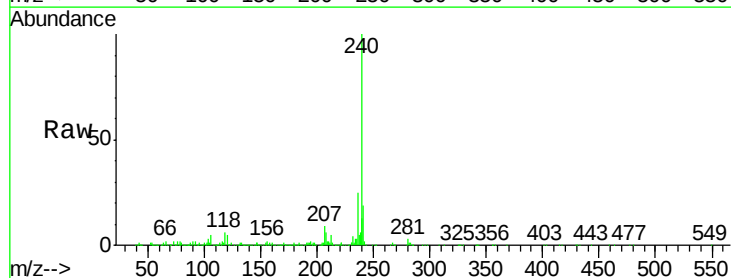
Tgt Ion:240 Resp: 481077

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

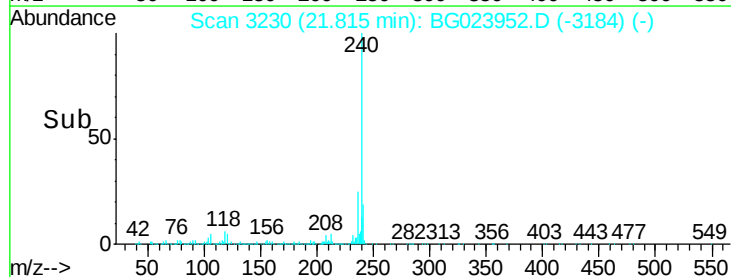
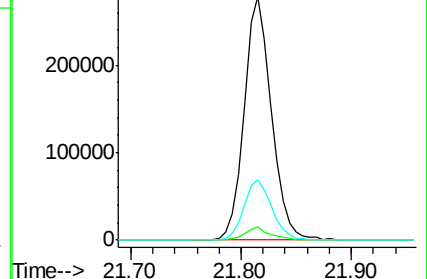
236 24.6 21.1 31.7

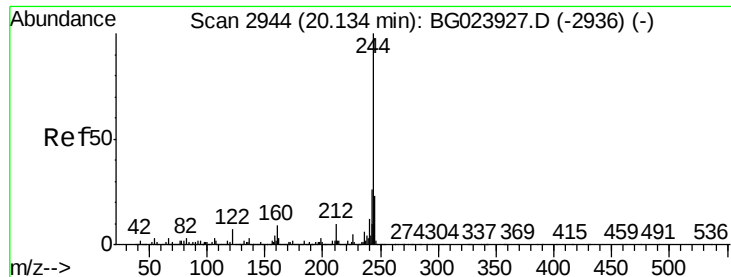


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.85 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

Instrument :

BNA_G

ClientSampleId :

EB03-083016

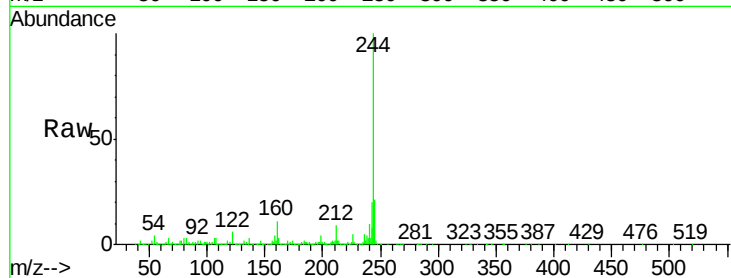
Tgt Ion:244 Resp: 1149679

Ion Ratio Lower Upper

244 100

212 9.4 10.8 16.2#

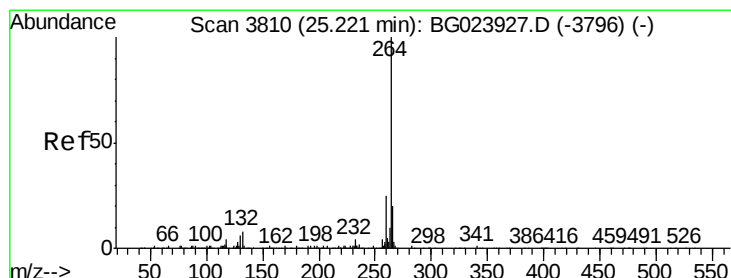
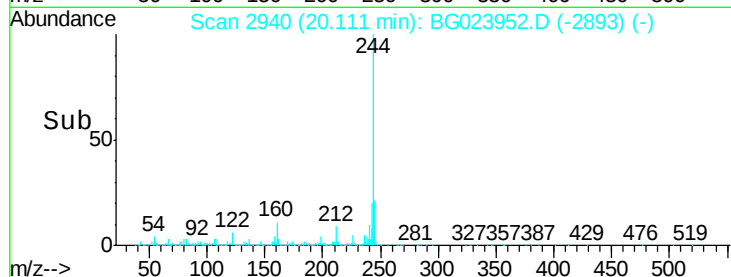
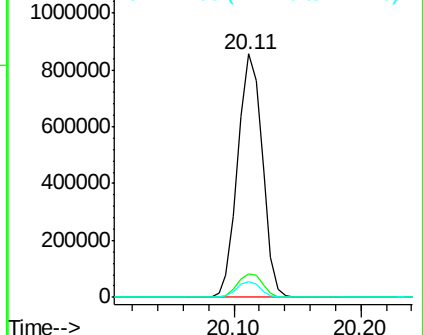
122 6.5 8.0 12.0#



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: 40.00 ng

RT: 25.17 min Scan# 3801

Delta R.T. -0.05 min

Lab File: BG023952.D

Acq: 6 Sep 2016 18:12

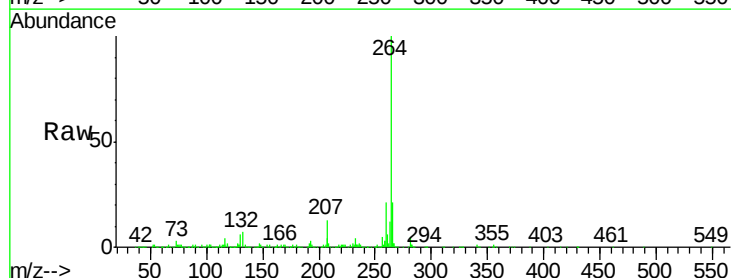
Tgt Ion:264 Resp: 494623

Ion Ratio Lower Upper

264 100

260 21.4 18.4 27.6

265 21.1 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

