

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022256.D
 Acq On : 9 Jun 2016 6:24
 Operator : UM/SJ
 Sample : H3381-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-48

Quant Time: Jun 09 07:28:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31246	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	153408	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	93897	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	203174	20.00	ng	0.00
75) Chrysene-d12	21.76	240	187364	20.00	ng	0.00
86) Perylene-d12	25.06	264	179372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	115184	71.27	ng	0.00
7) Phenol-d6	7.28	99	102751	40.44	ng	0.00
23) Nitrobenzene-d5	9.29	82	198471	90.20	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	151070	142.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	574732	93.28	ng	0.00
78) Terphenyl-d14	20.08	244	816644	103.48	ng	0.00

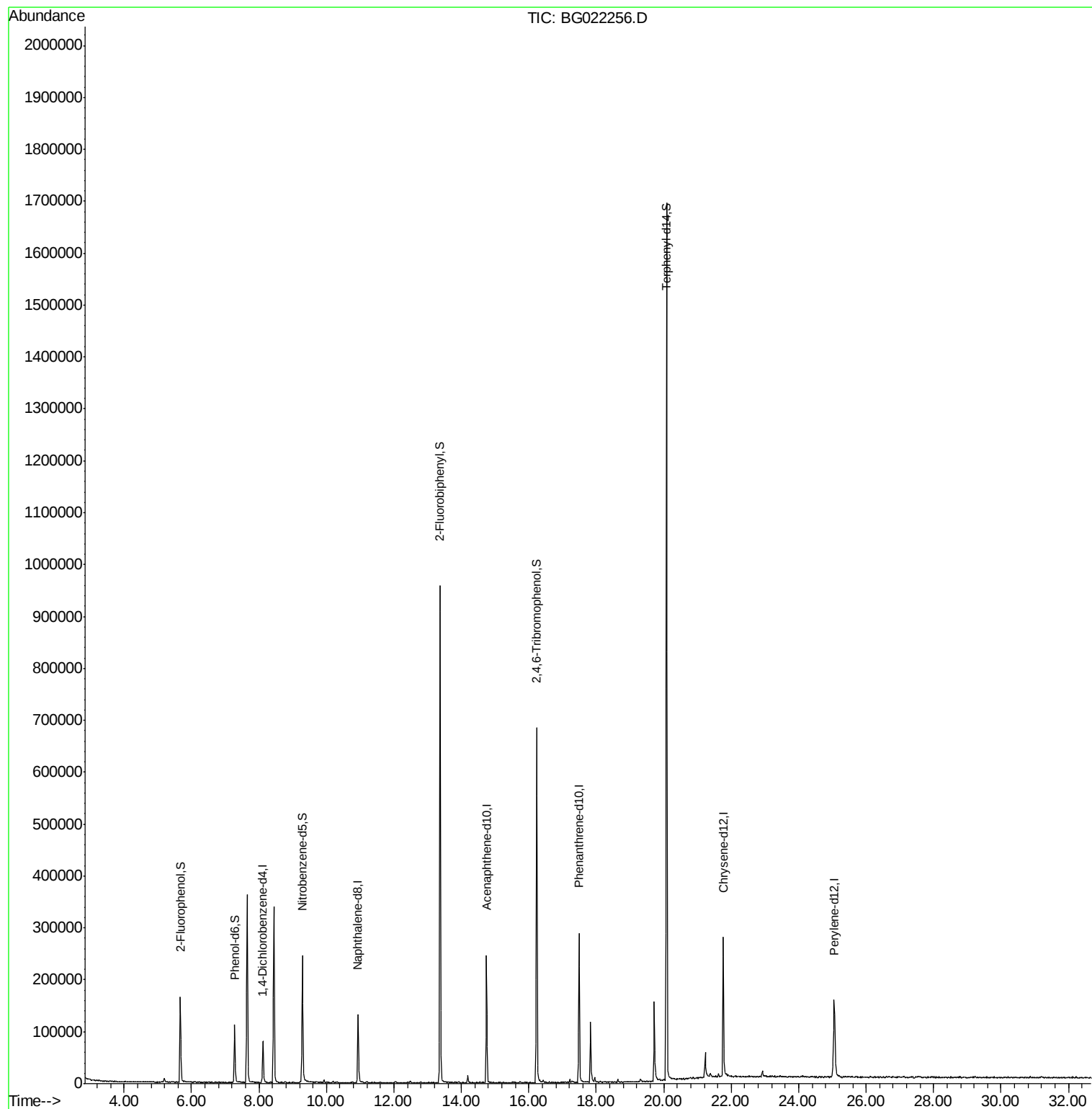
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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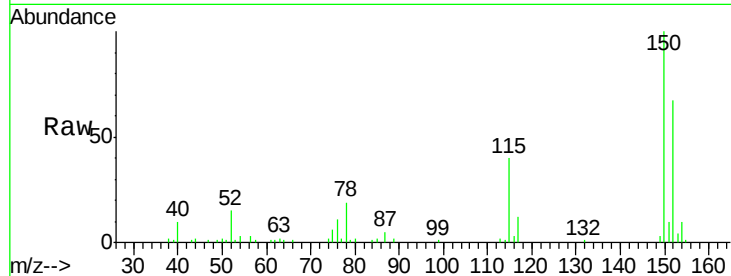


#1

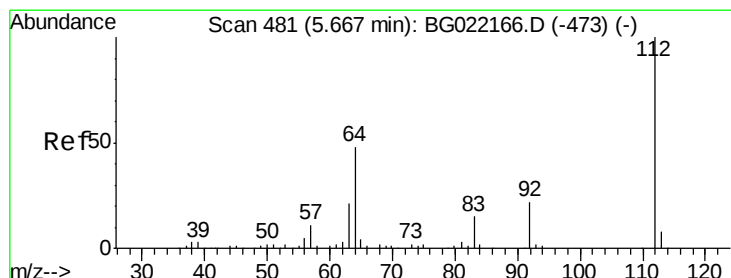
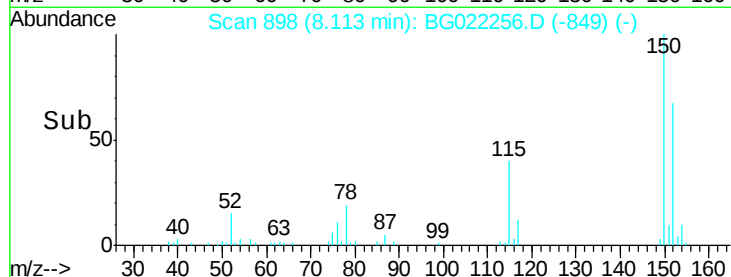
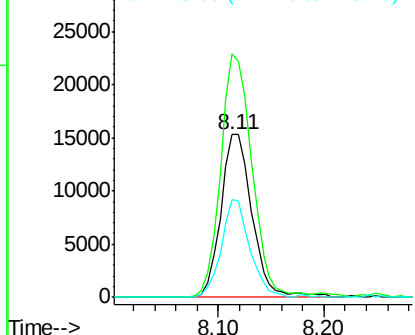
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022256.D
Acq: 9 Jun 2016 6:24

Instrument :
BNA_G
ClientSampleId :
W-48

Tgt Ion:152 Resp: 31246
Ion Ratio Lower Upper
152 100
150 149.7 130.1 195.1
115 60.0 62.2 93.2#



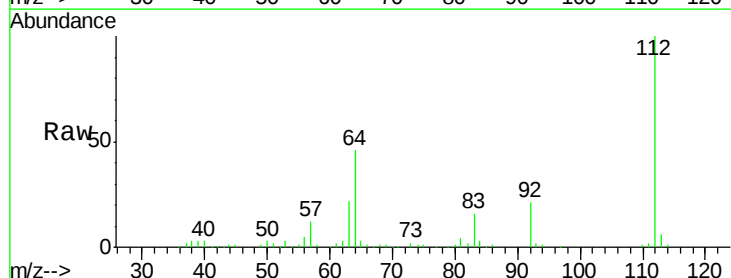
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



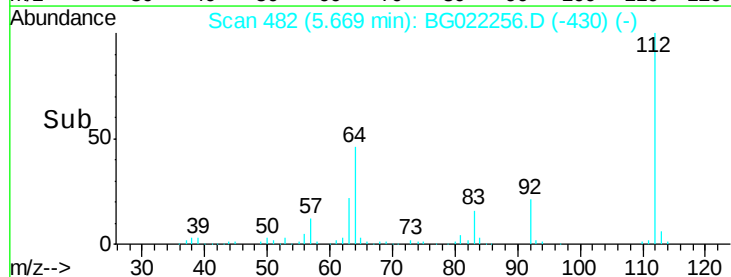
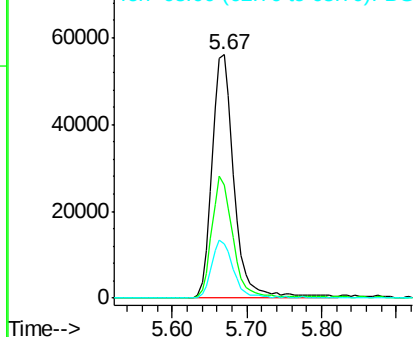
#5

2-Fluorophenol
Concen: 71.27 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG022256.D
Acq: 9 Jun 2016 6:24

Tgt Ion:112 Resp: 115184
Ion Ratio Lower Upper
112 100
64 46.2 51.1 76.7#
63 22.1 24.6 37.0#



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: 40.44 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

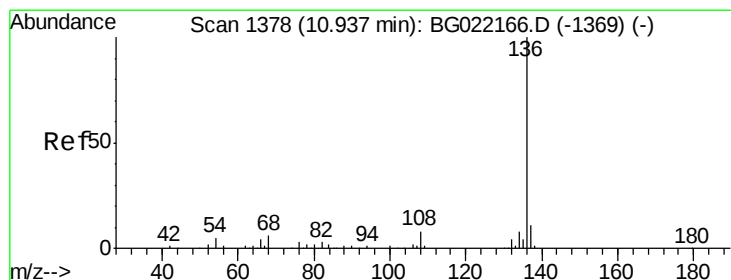
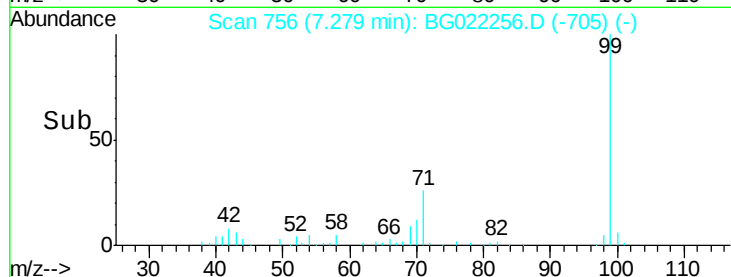
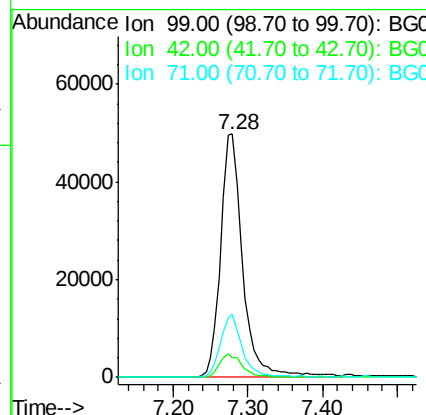
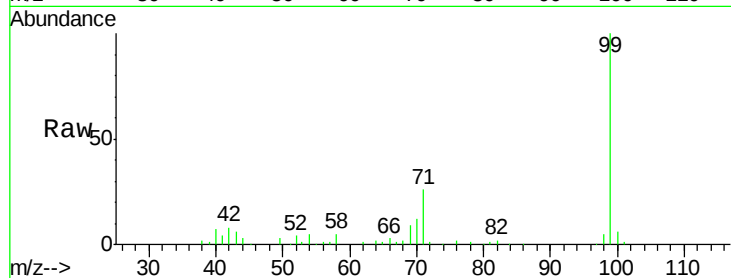
Instrument :

BNA_G

ClientSampleId :

W-48

Tgt Ion:	99	Resp:	102751
Ion	Ratio	Lower	Upper
99	100		
42	8.3	16.4	24.6#
71	25.8	25.0	37.4



#21

Naphthalene-d8

Concen: 20.00 ng

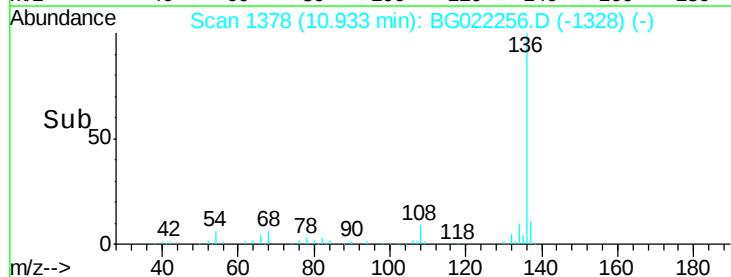
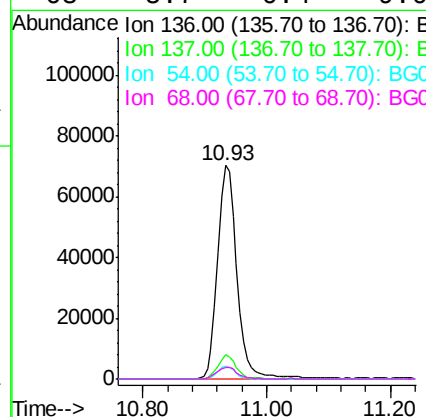
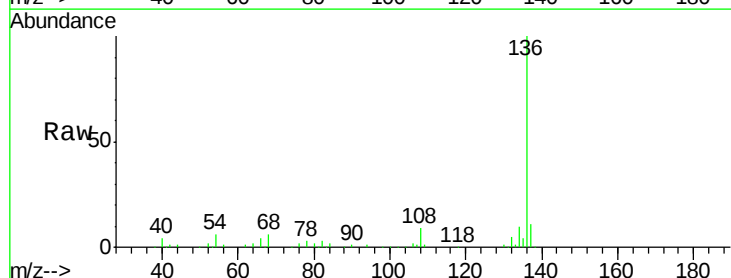
RT: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

Tgt Ion:	136	Resp:	153408
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.0	9.6	14.4#
68	5.7	6.4	9.6#

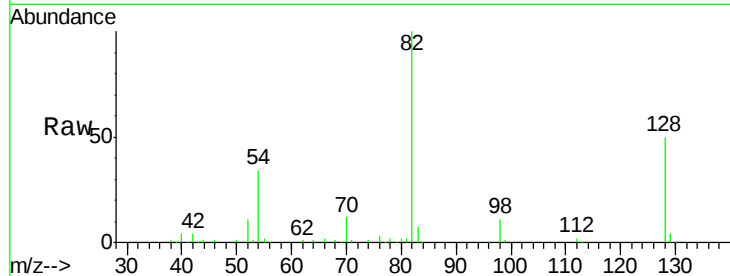




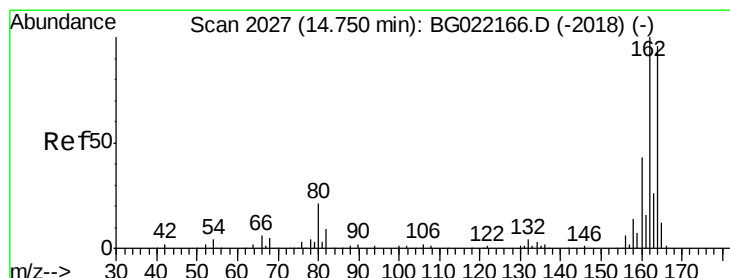
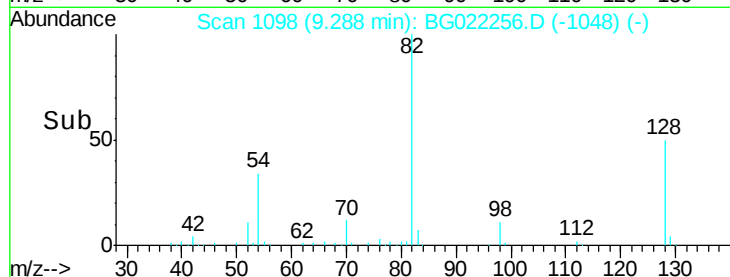
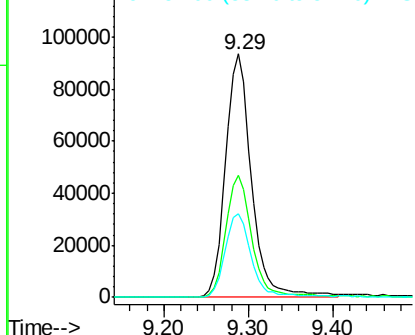
#23
Nitrobenzene-d5
Concen: 90.20 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022256.D
Acq: 9 Jun 2016 6:24

Instrument :
BNA_G
ClientSampleId :
W-48

Tgt Ion: 82 Resp: 198471
Ion Ratio Lower Upper
82 100
128 50.0 33.4 50.0
54 34.2 46.1 69.1#

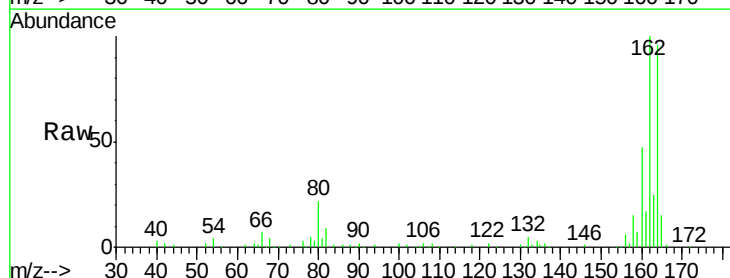


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

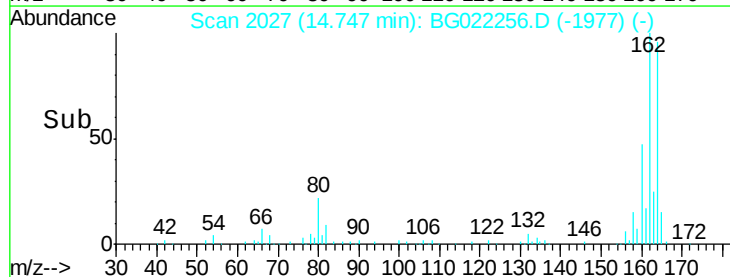
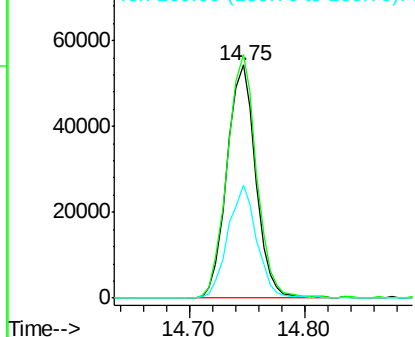


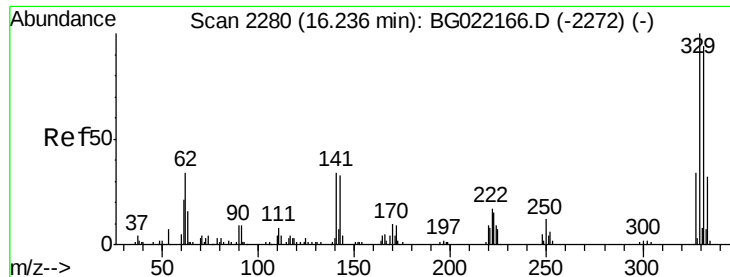
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022256.D
Acq: 9 Jun 2016 6:24

Tgt Ion: 164 Resp: 93897
Ion Ratio Lower Upper
164 100
162 104.4 78.0 117.0
160 48.6 32.9 49.3



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





#41

2,4,6-Tribromophenol

Concen: 142.39 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

Instrument :

BNA_G

ClientSampleId :

W-48

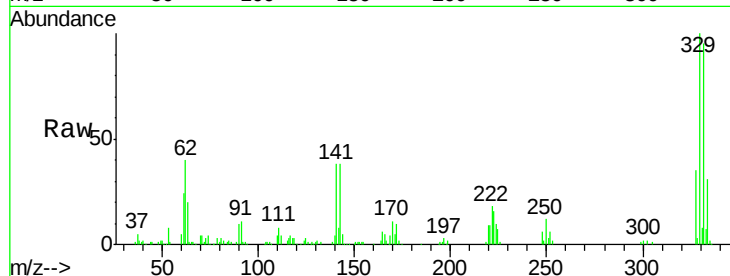
Tgt Ion:330 Resp: 151070

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

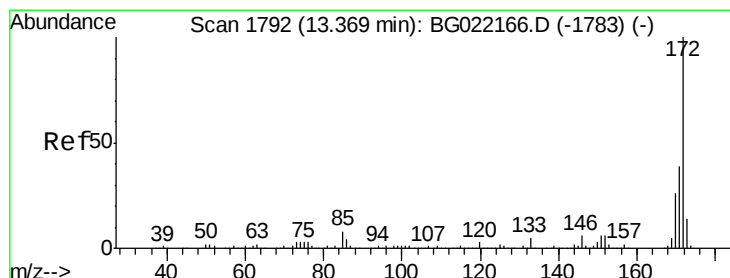
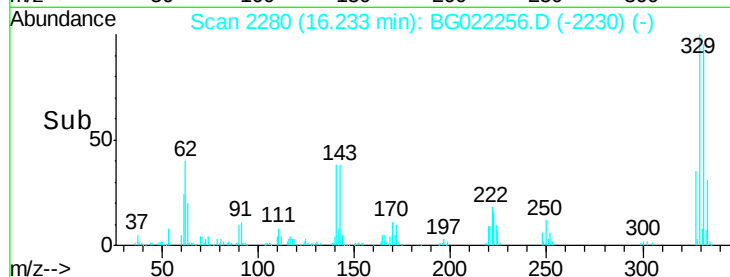
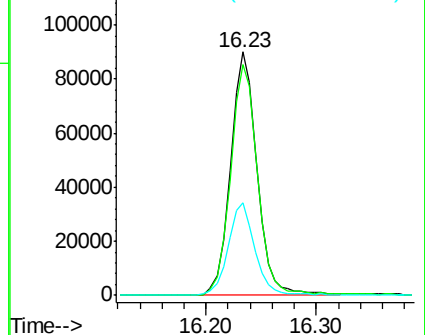
141 38.1 33.8 50.8



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: 93.28 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

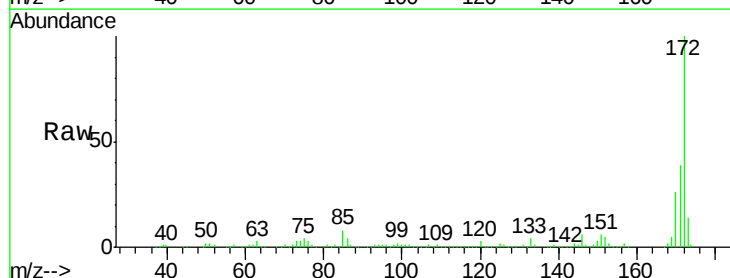
Tgt Ion:172 Resp: 574732

Ion Ratio Lower Upper

172 100

171 39.4 27.8 41.6

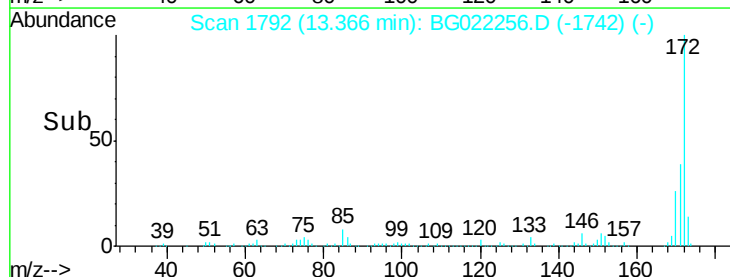
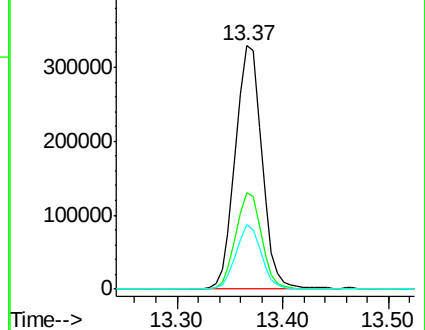
170 26.2 19.6 29.4

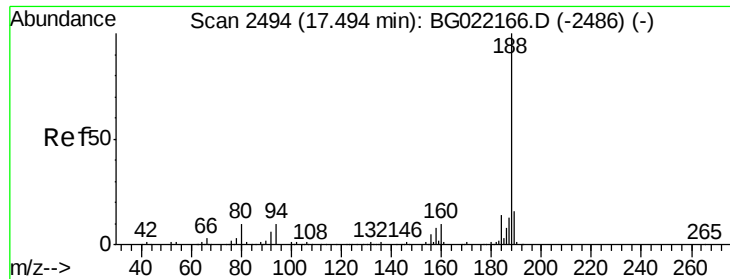


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

Instrument :

BNA_G

ClientSampleId :

W-48

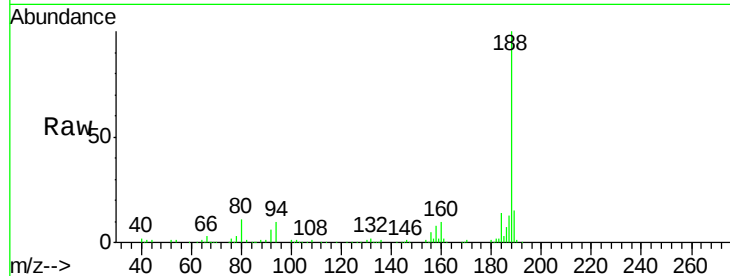
Tgt Ion:188 Resp: 203174

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.5 8.6 13.0



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

150000

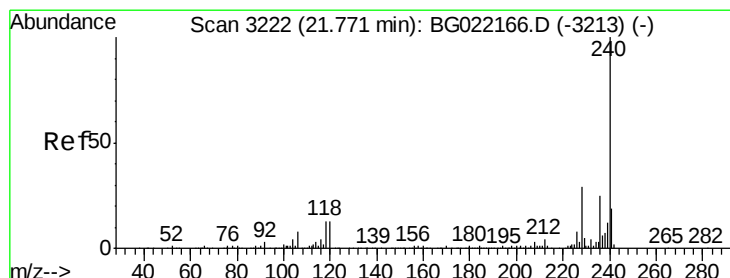
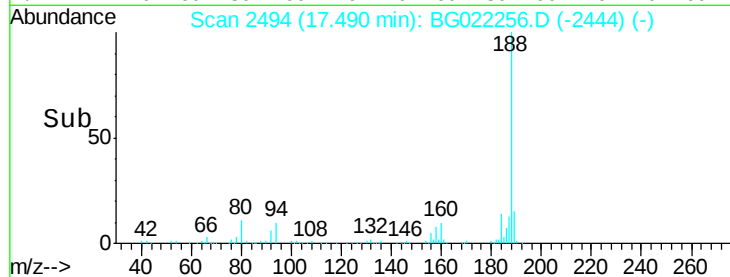
100000

50000

0

17.40 17.50 17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

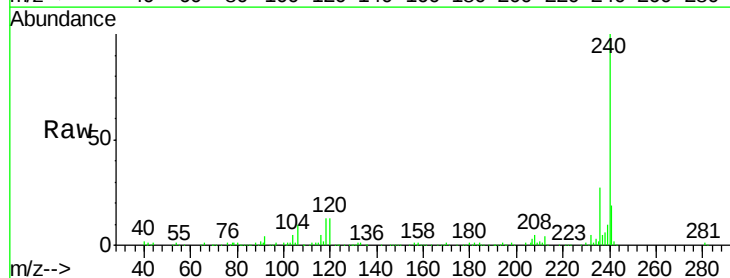
Tgt Ion:240 Resp: 187364

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

236 26.7 19.6 29.4



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

120000

100000

80000

60000

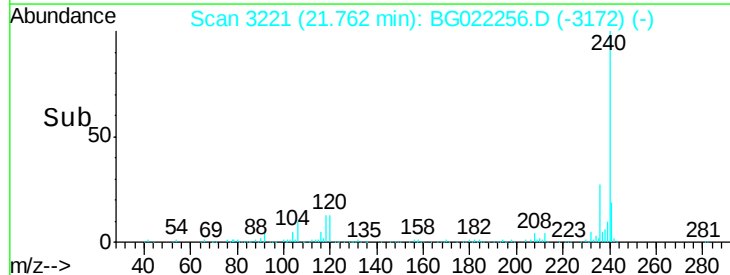
40000

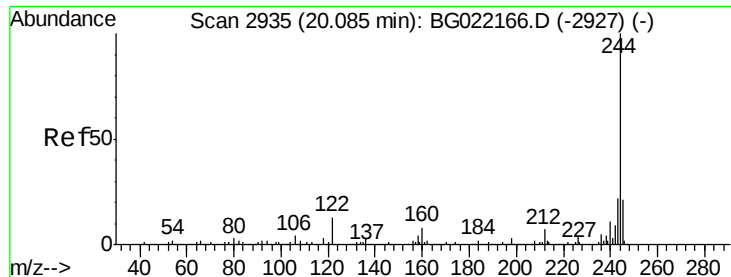
20000

0

21.70 21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 103.48 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

Instrument :

BNA_G

ClientSampleId :

W-48

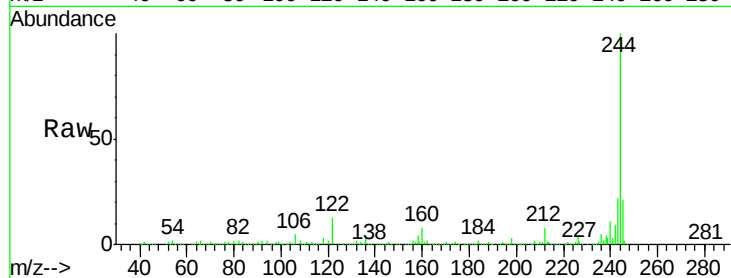
Tgt Ion:244 Resp: 816644

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

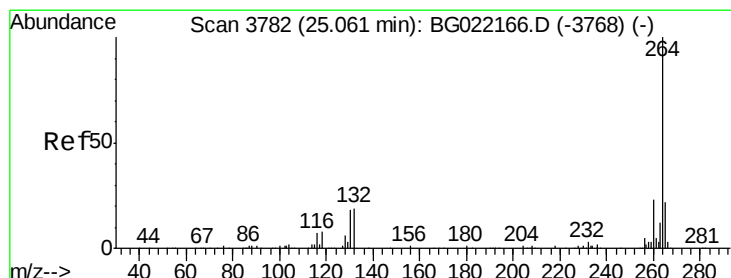
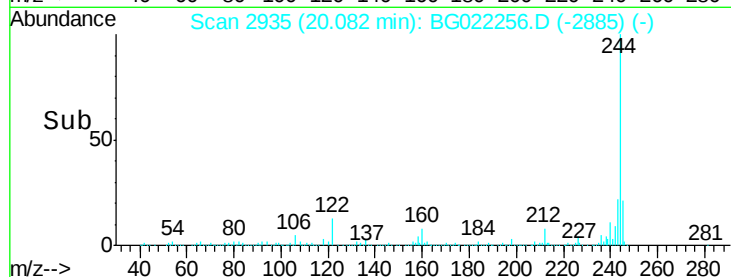
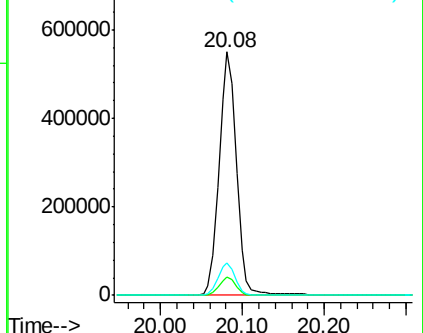
122 13.4 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022256.D

Acq: 9 Jun 2016 6:24

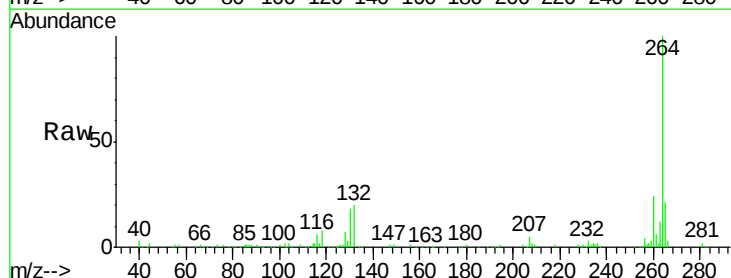
Tgt Ion:264 Resp: 179372

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.4

265 20.5 17.8 26.8



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

