

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022936.D
 Acq On : 8 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3853-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

Quant Time: Jul 11 13:10:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141588	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	640122	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	443594	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	940286	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1042745	20.00	ng	0.00
86) Perylene-d12	25.21	264	1085932	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	514881	59.47	ng	0.00
7) Phenol-d6	7.32	99	532250	39.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	1223056	81.81	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	902604	113.22	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2278106	80.89	ng	0.00
78) Terphenyl-d14	20.16	244	2876726	89.13	ng	0.00

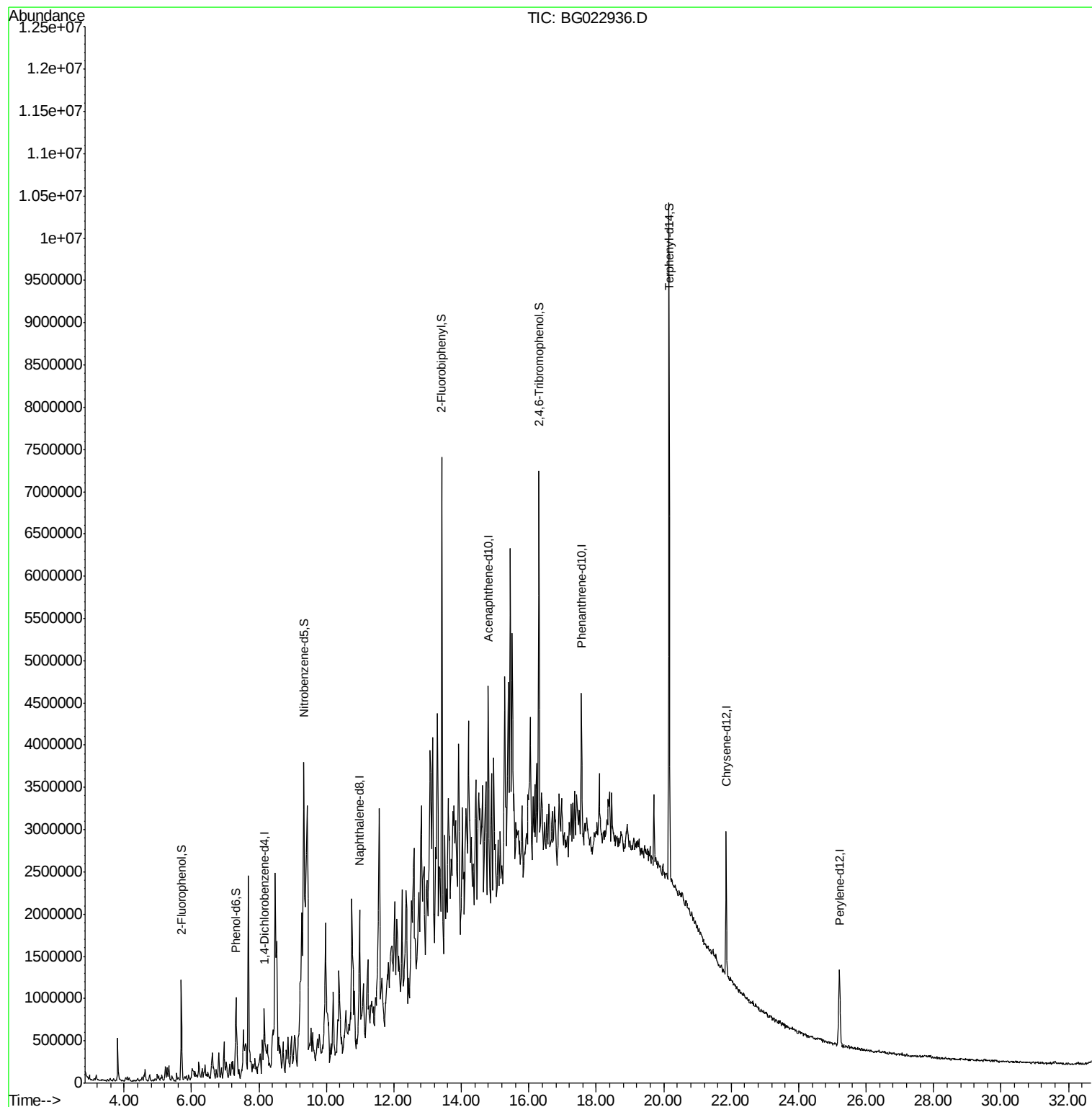
Target Compounds Qvalue

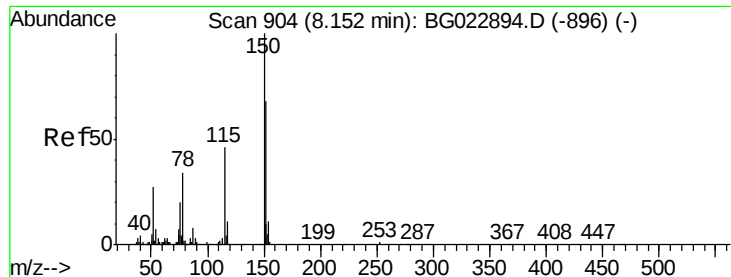
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

S8-0577

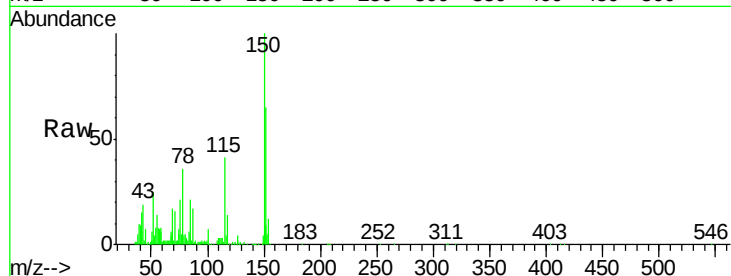
Tot Ion:152 Resp: 141588

Ion Ratio Lower Upper

152 100

150 154.6 144.7 217.1

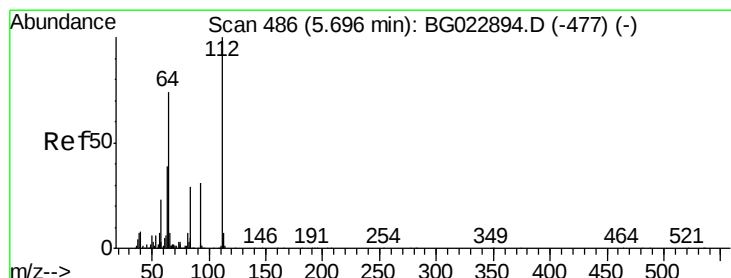
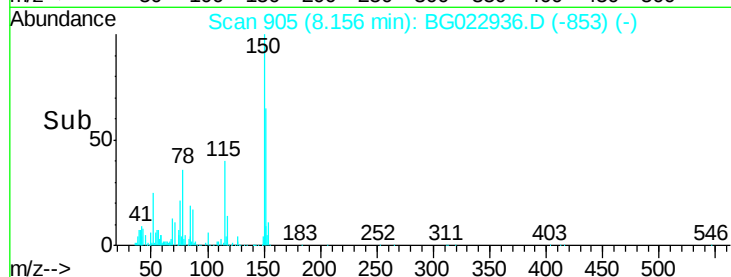
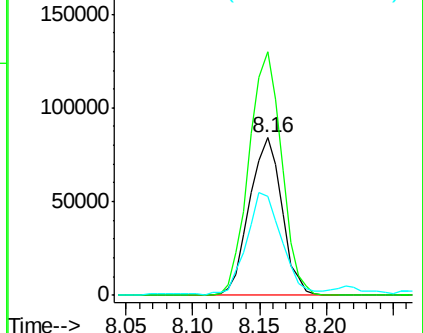
115 63.2 64.0 96.0#



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: 59.47 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

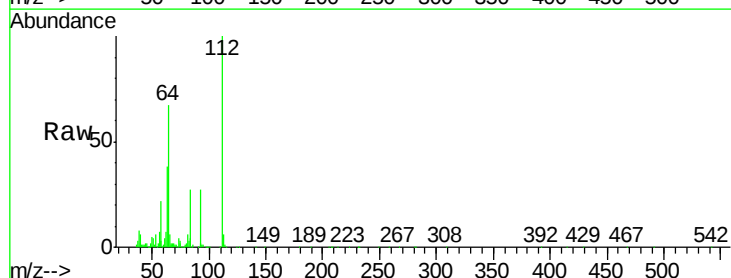
Tgt Ion:112 Resp: 514881

Ion Ratio Lower Upper

112 100

64 66.8 59.0 88.4

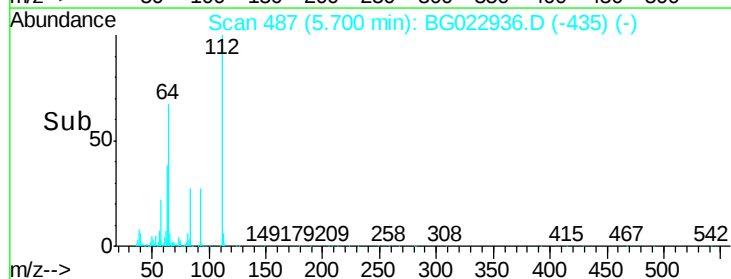
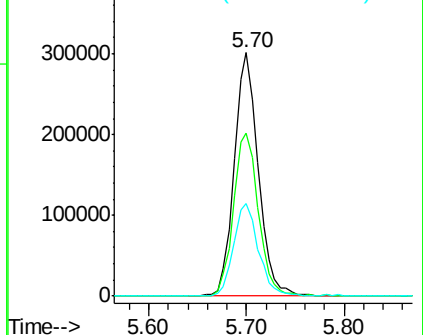
63 38.1 37.8 56.8

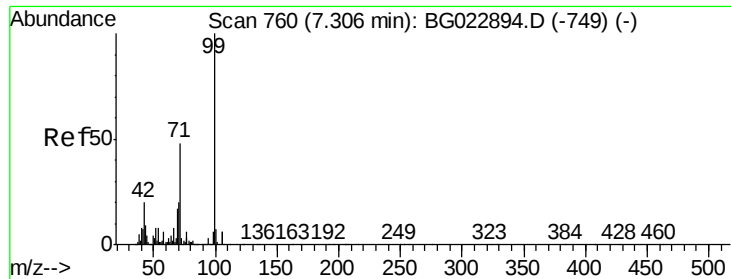


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.25 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

S8-0577

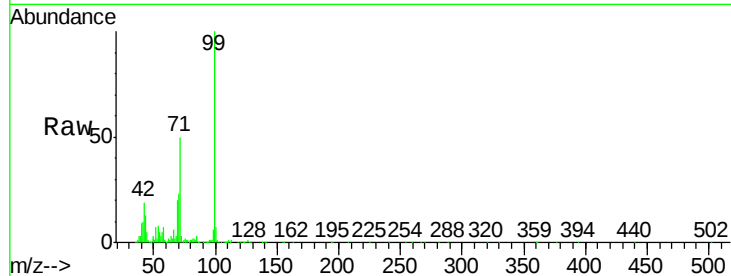
Tot Ion: 99 Resp: 532250

Ion Ratio Lower Upper

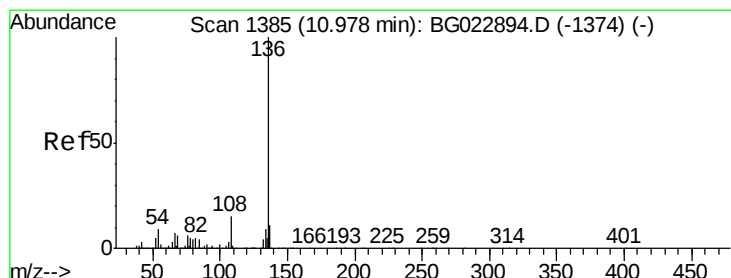
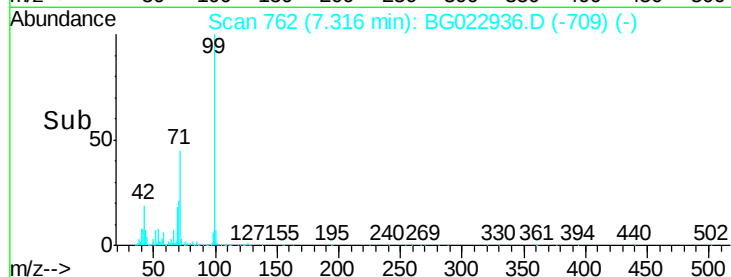
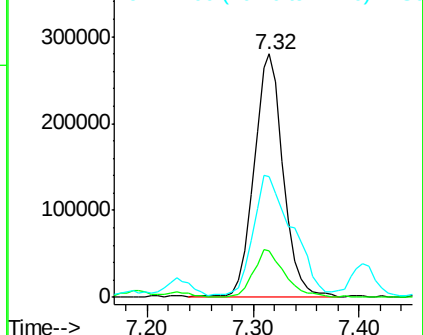
99 100

42 19.1 17.8 26.6

71 49.8 41.5 62.3



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: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Tgt Ion: 136 Resp: 640122

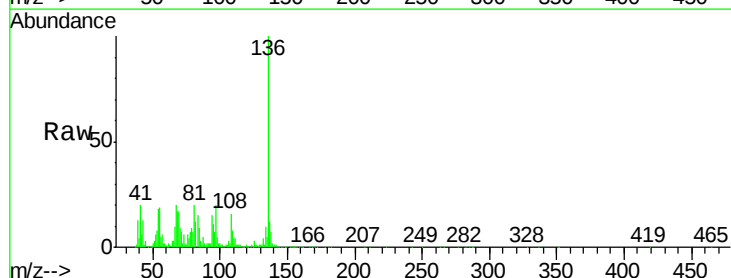
Ion Ratio Lower Upper

136 100

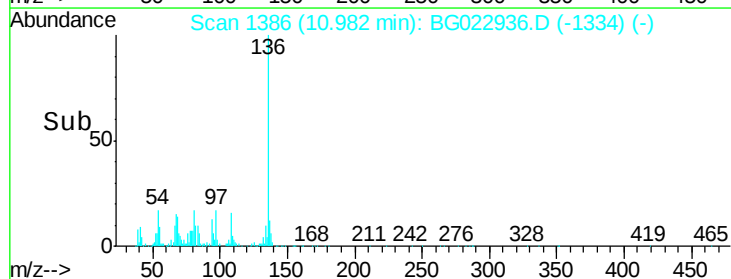
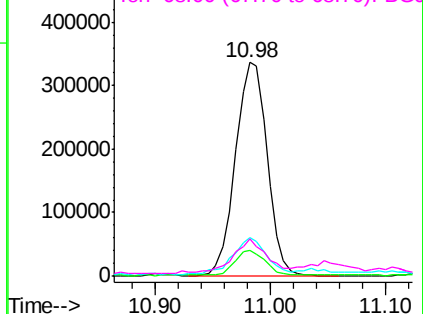
137 12.1 9.6 14.4

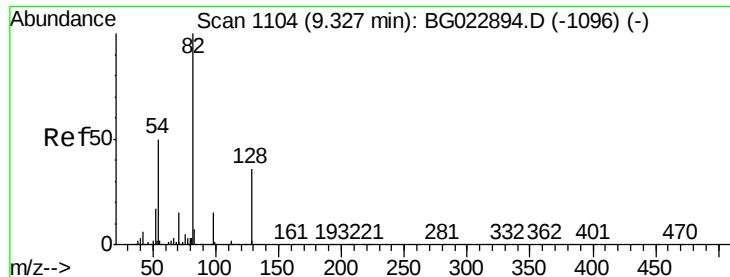
54 17.8 7.3 10.9#

68 17.4 5.3 7.9#



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

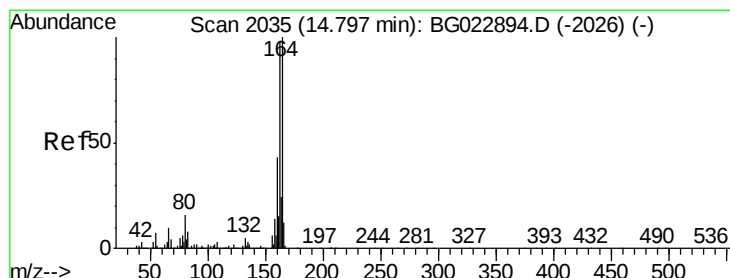
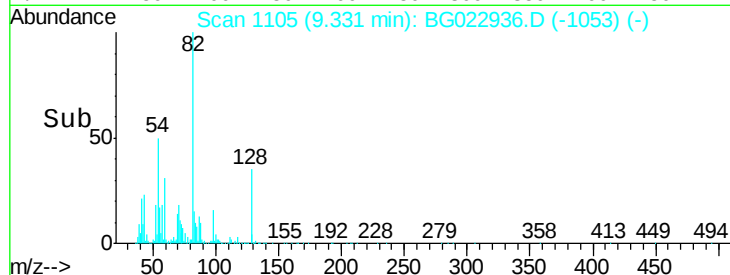
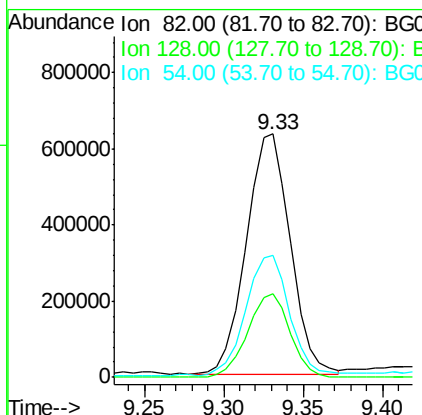
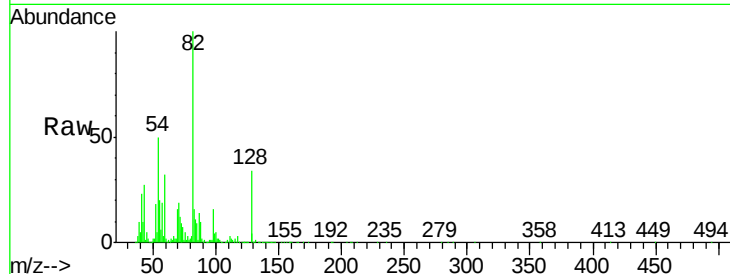




#23
 Nitrobenzene-d5
 Concen: 81.81 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG022936.D
 Acq: 8 Jul 2016 18:45

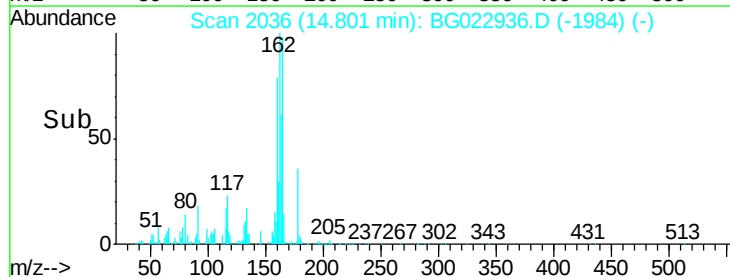
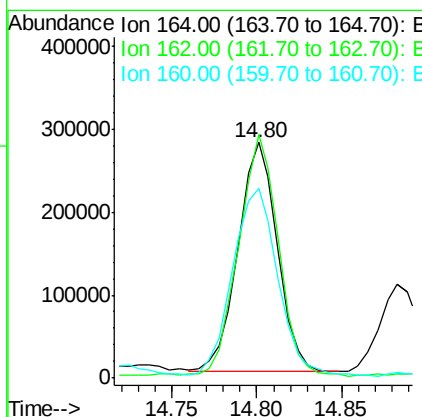
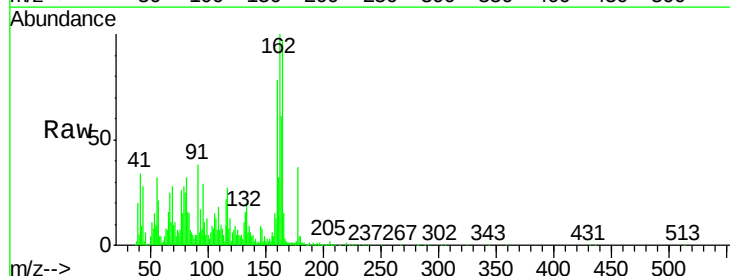
Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

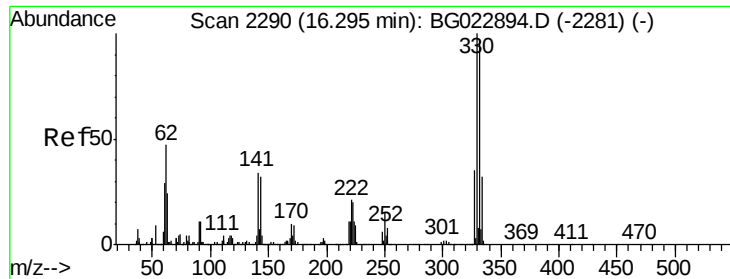
Tot Ion: 82 Resp: 1223056
 Ion Ratio Lower Upper
 82 100
 128 34.3 24.4 36.6
 54 50.3 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022936.D
 Acq: 8 Jul 2016 18:45

Tgt Ion: 164 Resp: 443594
 Ion Ratio Lower Upper
 164 100
 162 103.2 87.7 131.5
 160 80.3 37.2 55.8#





#41

2,4,6-Tribromophenol

Concen: 113.22 ng

RT: 16.30 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

S8-0577

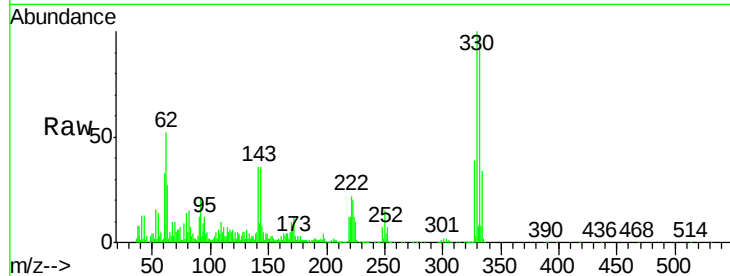
Tot Ion:330 Resp: 902604

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

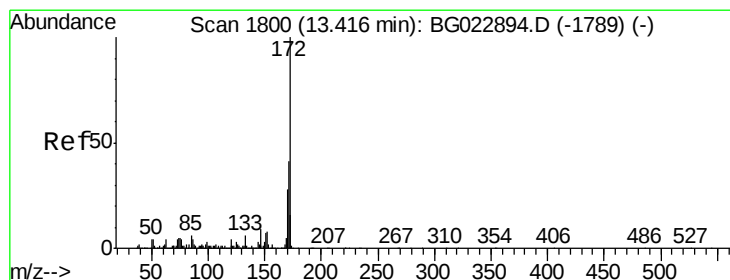
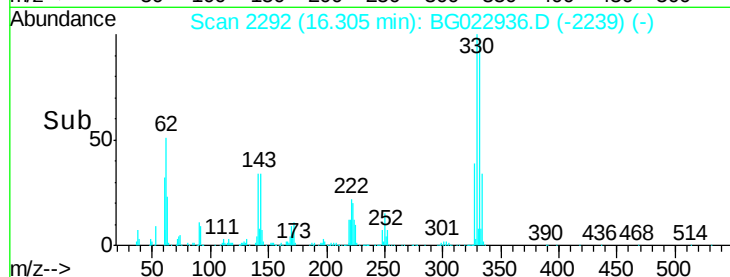
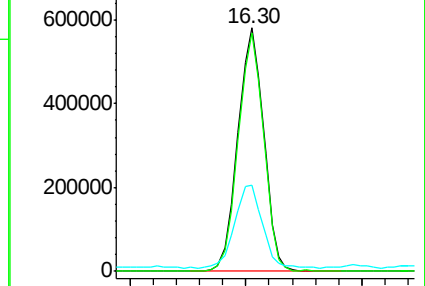
141 36.7 31.7 47.5



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: 80.89 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

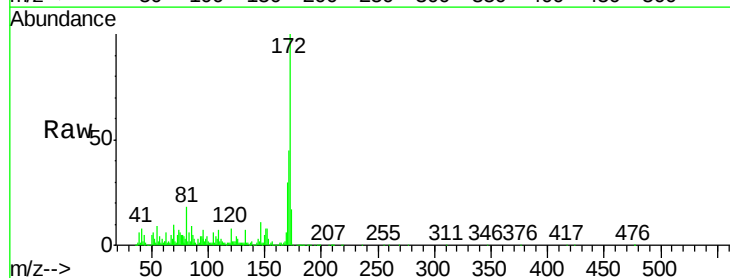
Tgt Ion:172 Resp: 2278106

Ion Ratio Lower Upper

172 100

171 45.1 31.6 47.4

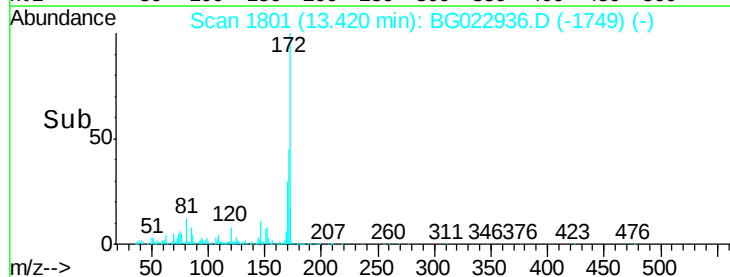
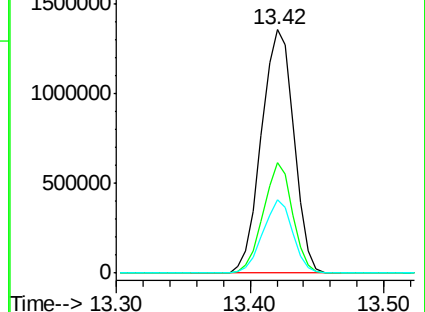
170 30.1 21.3 31.9

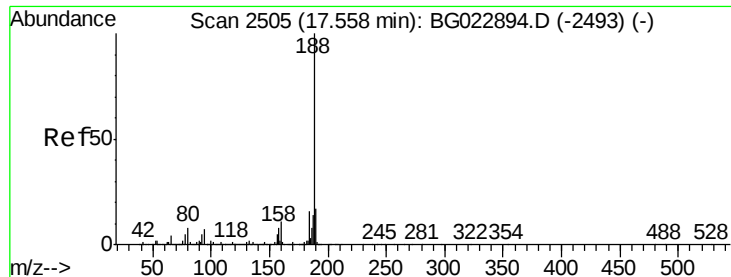


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

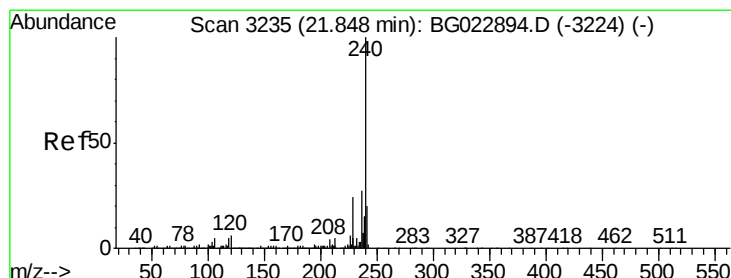
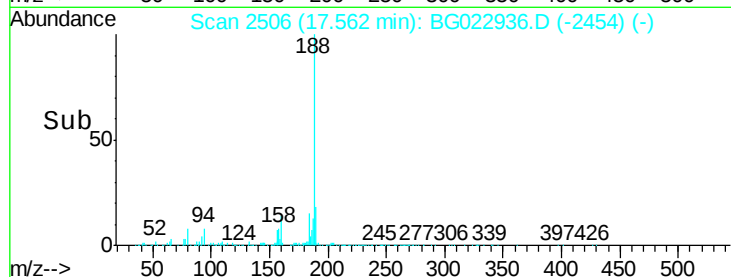
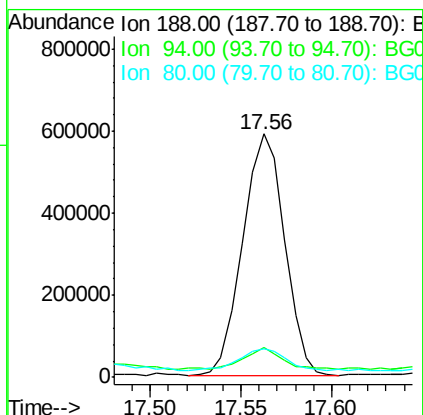
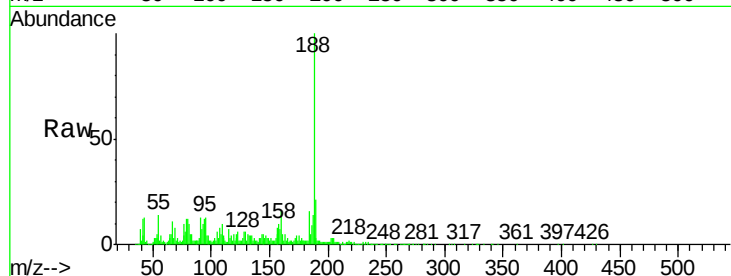




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG022936.D
Acq: 8 Jul 2016 18:45

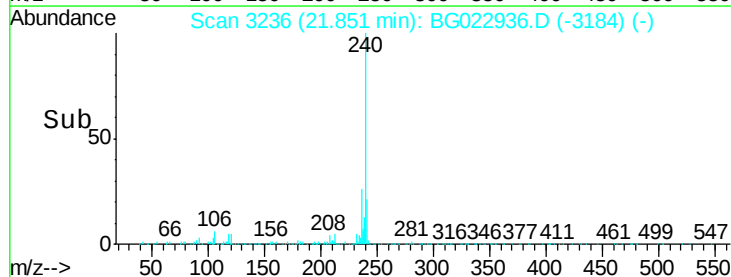
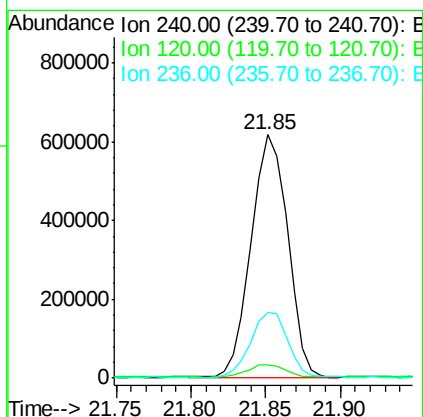
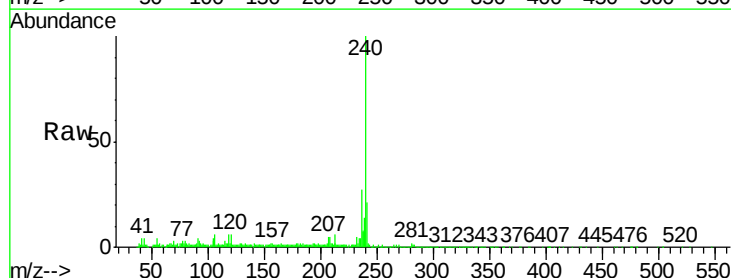
Instrument :
BNA_G
ClientSampleId :
S8-0577

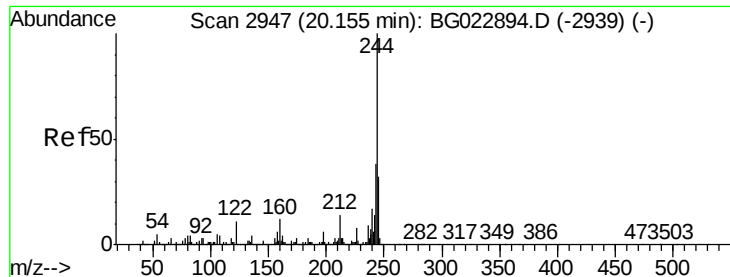
Tot Ion:188 Resp: 940286
Ion Ratio Lower Upper
188 100
94 12.5 5.2 7.8#
80 11.9 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG022936.D
Acq: 8 Jul 2016 18:45

Tgt Ion:240 Resp: 1042745
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 26.7 21.1 31.7





#78

Terphenyl-d14

Concen: 89.13 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Instrument :

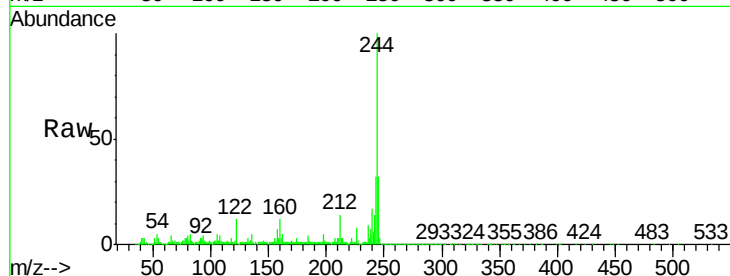
BNA_G

ClientSampleId :

S8-0577

Tot Ion:244 Resp: 2876726

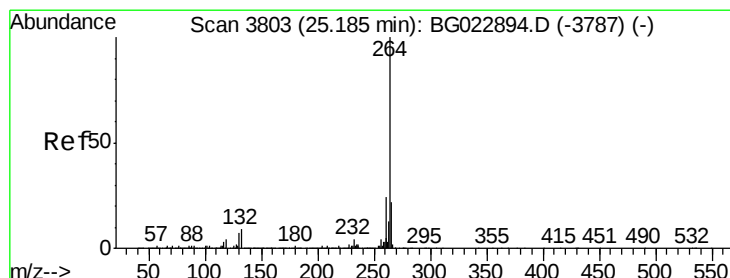
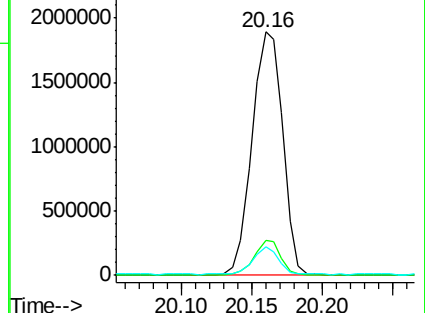
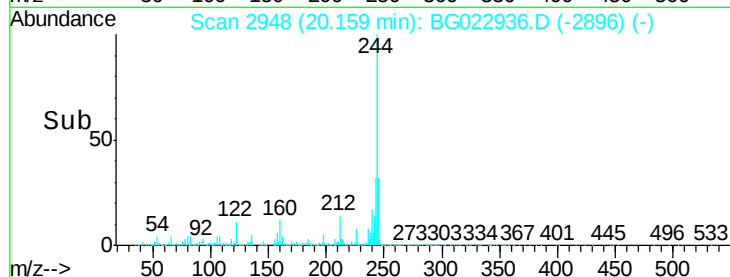
Ion	Ratio	Lower	Upper
244	100		
212	14.5	10.8	16.2
122	11.8	8.0	12.0



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: 25.21 min Scan# 3807

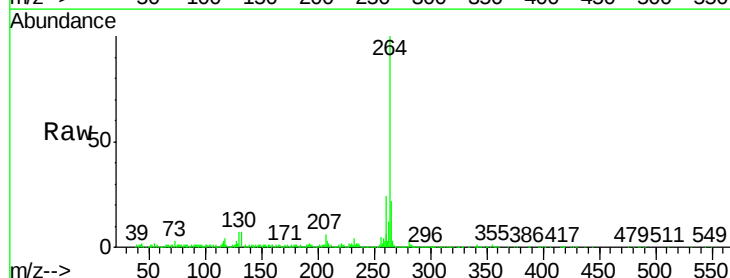
Delta R.T. 0.02 min

Lab File: BG022936.D

Acq: 8 Jul 2016 18:45

Tgt Ion:264 Resp: 1085932

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.5	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

