

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022959.D
 Acq On : 9 Jul 2016 10:05
 Operator : UM/SJ
 Sample : H3927-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-1

Quant Time: Jul 11 01:19:56 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	8.15	152	97725	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450913	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	356701	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	855048	20.00	ng	0.00
75) Chrysene-d12	21.85	240	926202	20.00	ng	0.00
86) Perylene-d12	25.20	264	928399	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	394907	66.09	ng	0.00
7) Phenol-d6	7.30	99	372257	39.78	ng	0.00
23) Nitrobenzene-d5	9.32	82	1068890	101.50	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	856419	133.59	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2251127	99.41	ng	0.00
78) Terphenyl-d14	20.16	244	3089906	130.11	ng	0.00

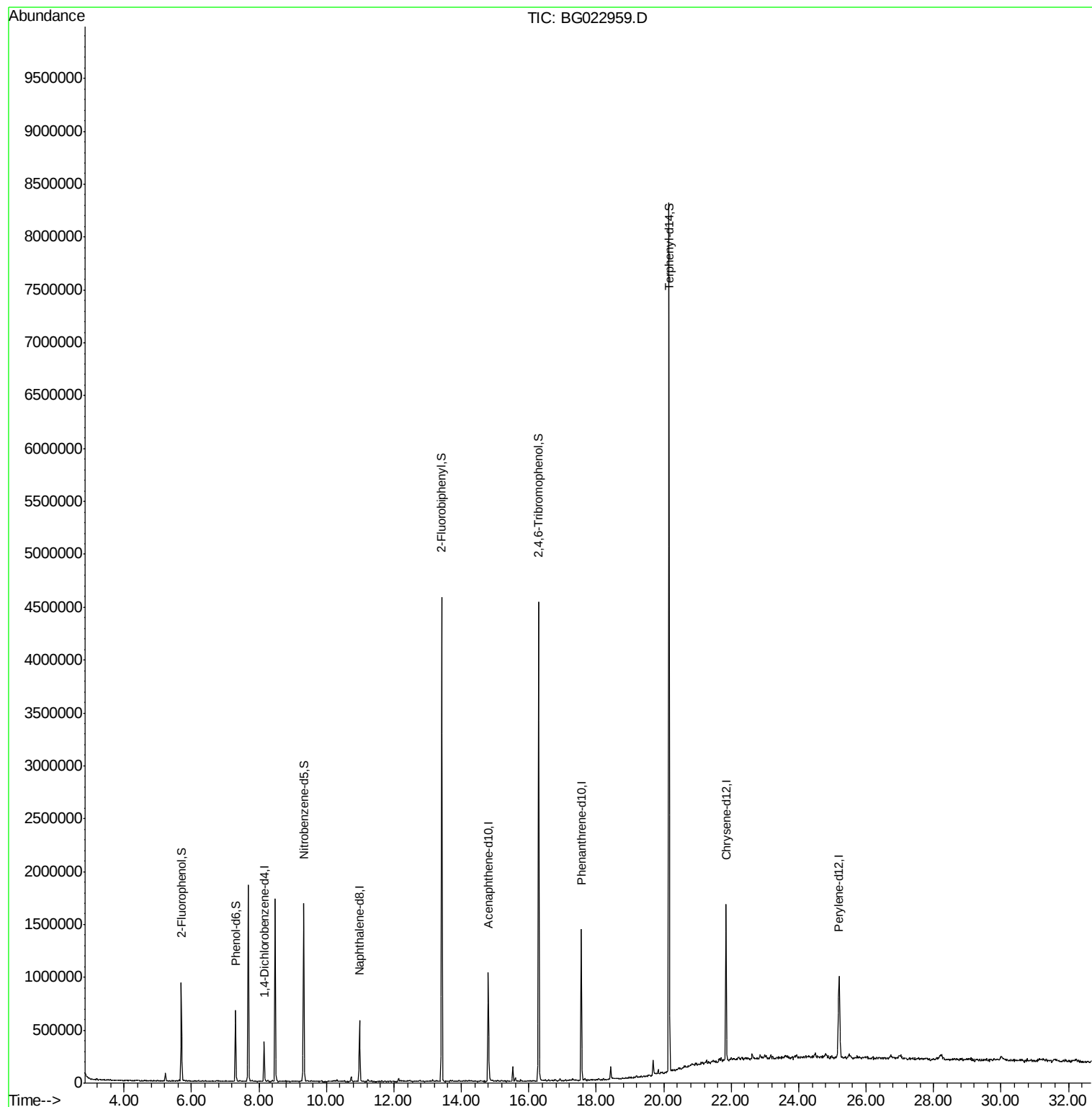
Target Compounds Qvalue

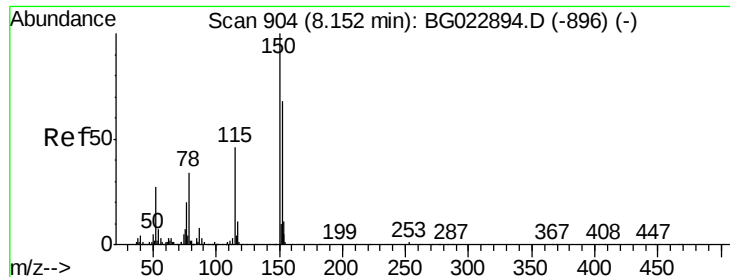
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022959.D

Acq: 9 Jul 2016 10:05

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-1

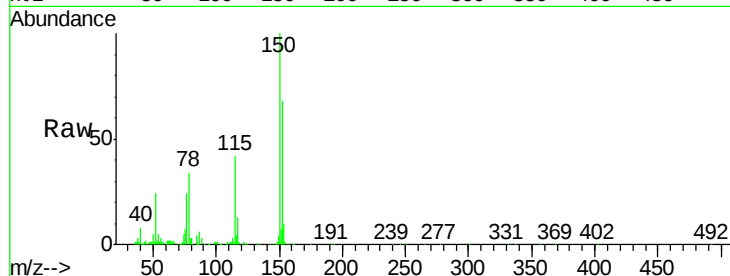
Tot Ion:152 Resp: 97725

Ion Ratio Lower Upper

152 100

150 147.7 144.7 217.1

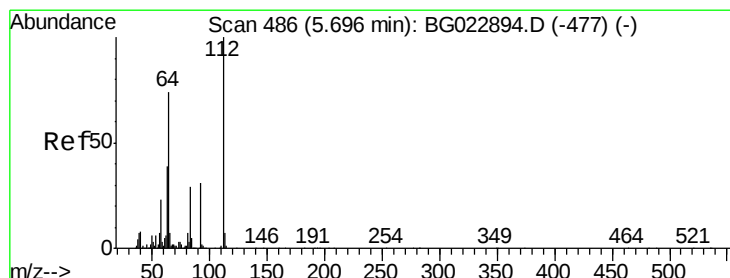
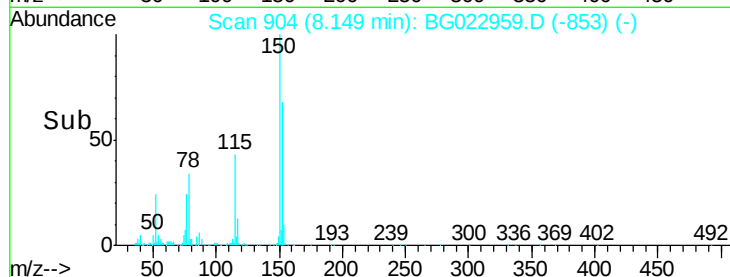
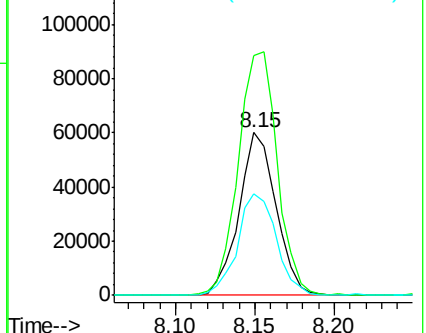
115 62.7 64.0 96.0#



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: 66.09 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022959.D

Acq: 9 Jul 2016 10:05

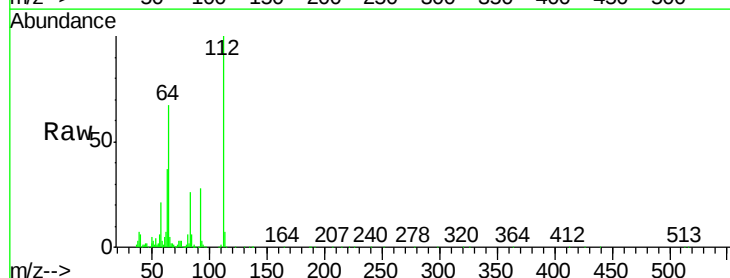
Tgt Ion:112 Resp: 394907

Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

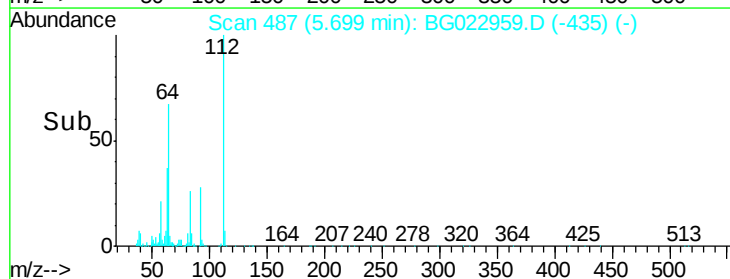
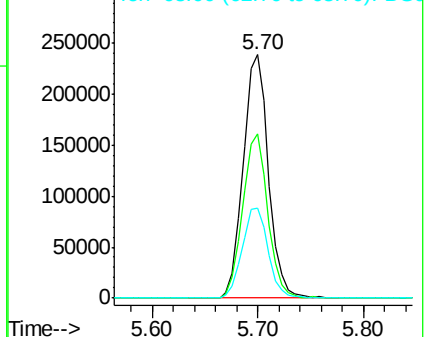
63 36.9 37.8 56.8#

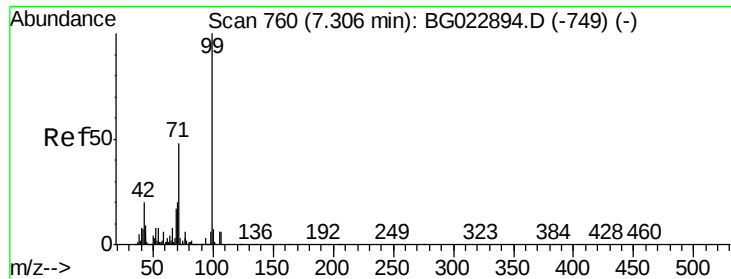


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.78 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022959.D

Acq: 9 Jul 2016 10:05

Instrument :

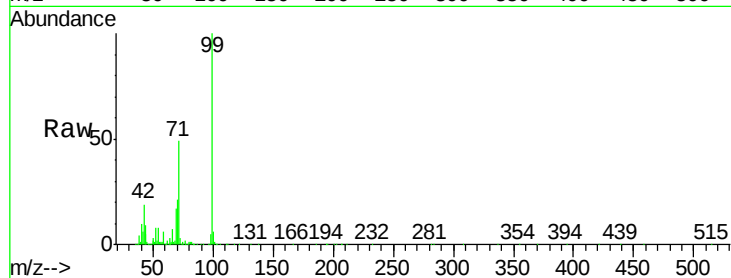
BNA_G

ClientSampleId :

S22-EB-2016-1

Tot Ion: 99 Resp: 372257

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	49.1	41.5	62.3

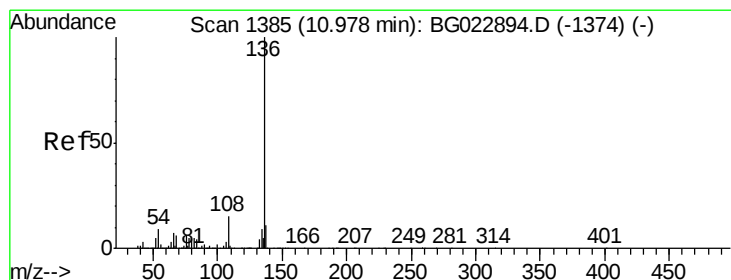
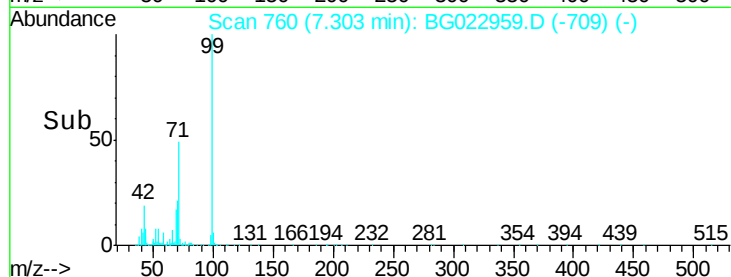
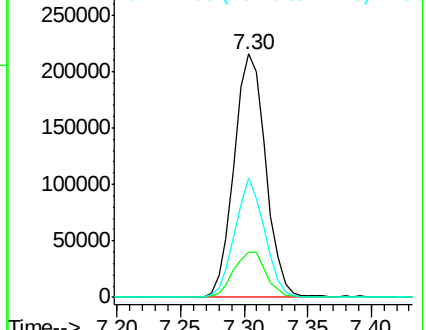


Abundance

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: BG022959.D

Acq: 9 Jul 2016 10:05

Tgt Ion: 136 Resp: 450913

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.2	7.3	10.9
68	6.2	5.3	7.9

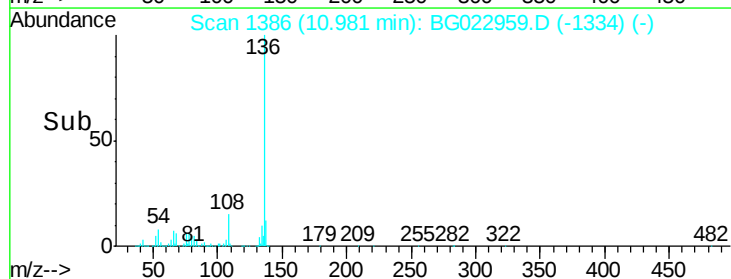
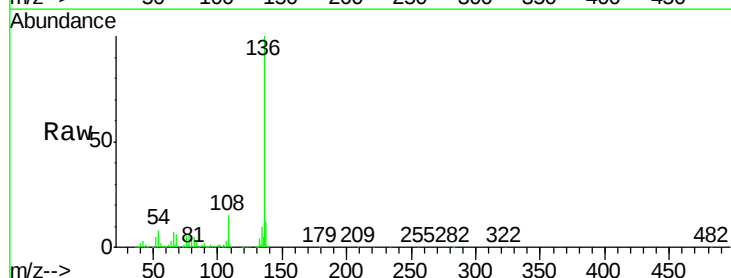
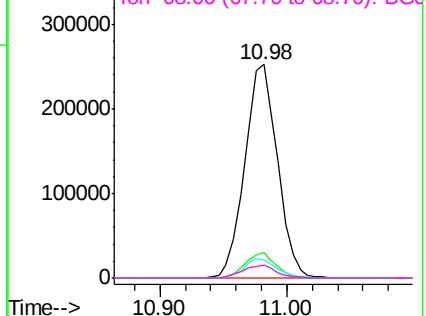
Abundance

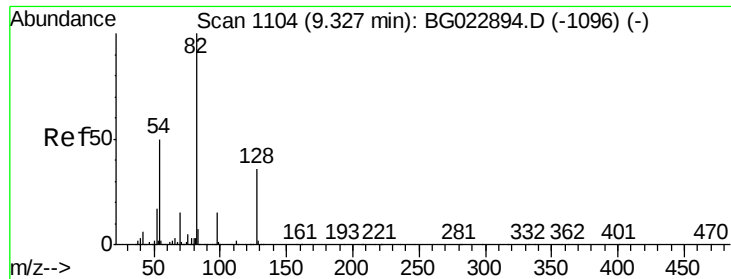
Ion 136.00 (135.70 to 136.70): BGC

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



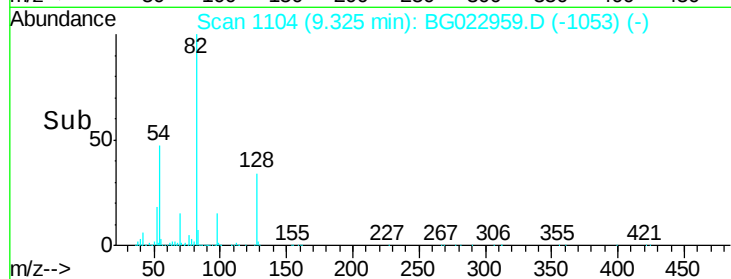
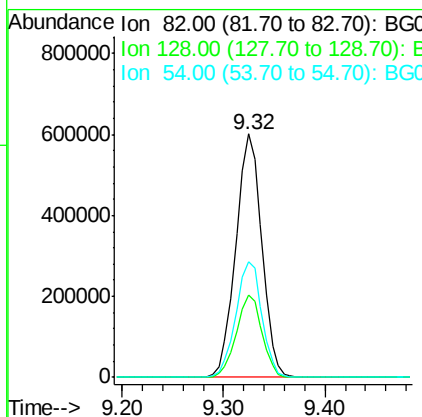
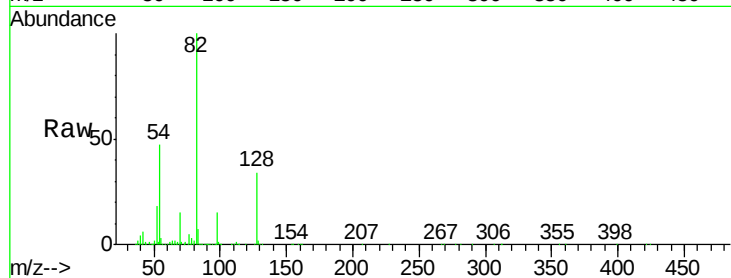


#23
 Nitrobenzene-d5
 Concen: 101.50 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022959.D
 Acq: 9 Jul 2016 10:05

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-1

Tot Ion: 82 Resp: 1068890

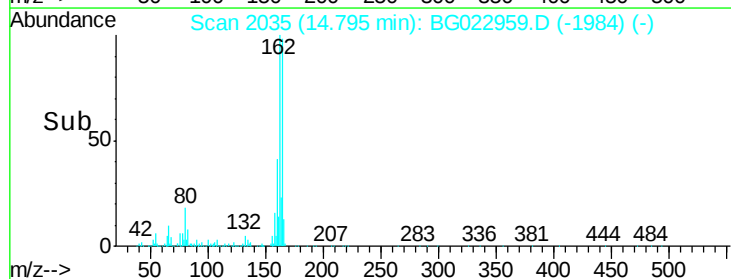
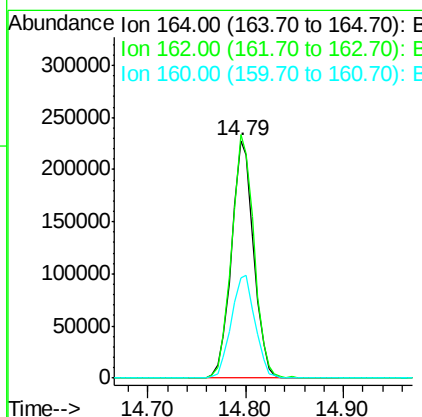
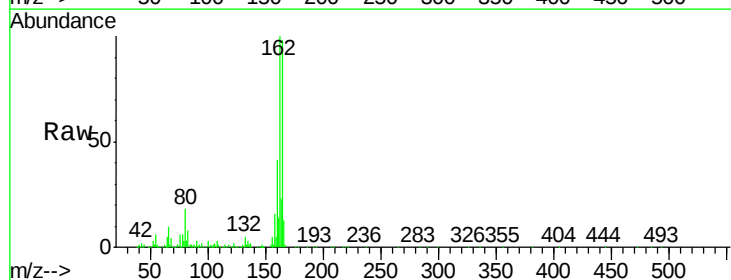
Ion	Ratio	Lower	Upper
82	100		
128	34.1	24.4	36.6
54	47.2	41.4	62.0

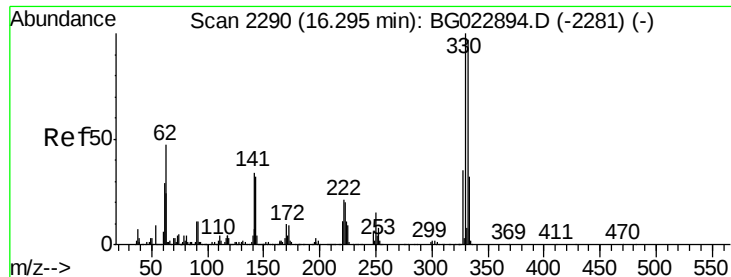


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022959.D
 Acq: 9 Jul 2016 10:05

Tgt Ion: 164 Resp: 356701

Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	42.3	37.2	55.8

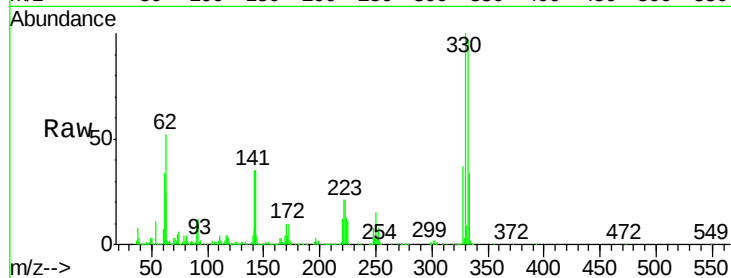




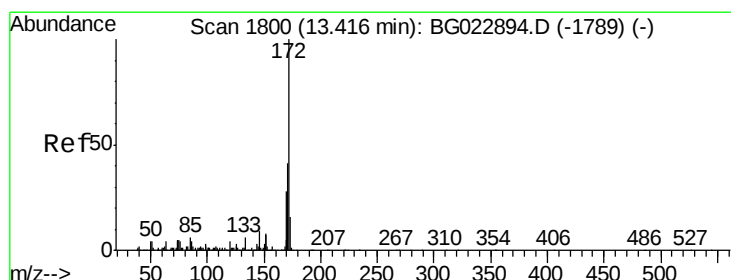
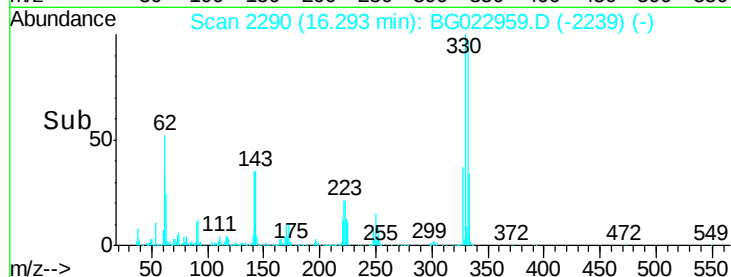
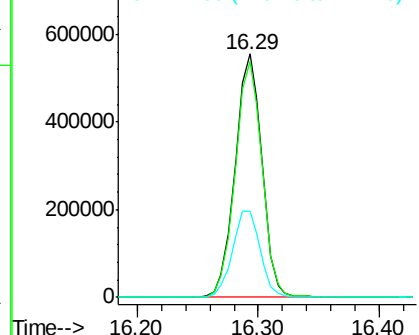
#41
 2,4,6-Tribromophenol
 Concen: 133.59 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022959.D
 Acq: 9 Jul 2016 10:05

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-1

Tot Ion:330 Resp: 856419
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 36.7 31.7 47.5

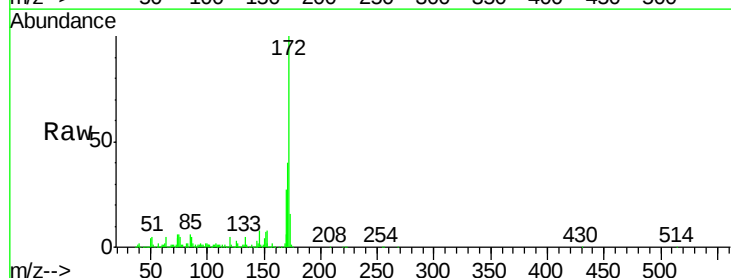


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

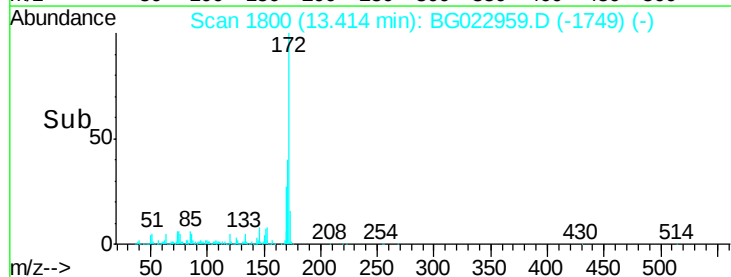
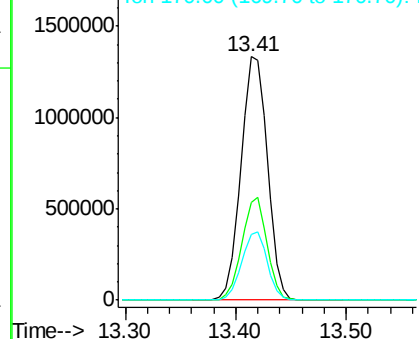


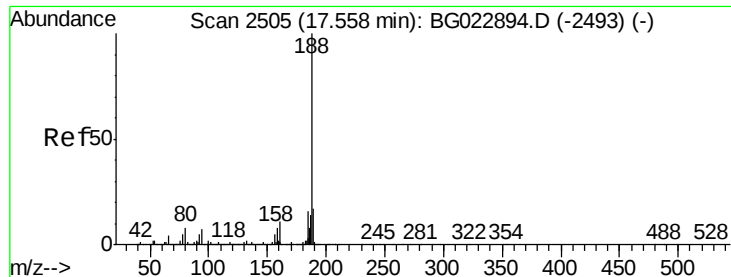
#44
 2-Fluorobiphenyl
 Concen: 99.41 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022959.D
 Acq: 9 Jul 2016 10:05

Tgt Ion:172 Resp: 2251127
 Ion Ratio Lower Upper
 172 100
 171 40.2 31.6 47.4
 170 27.1 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

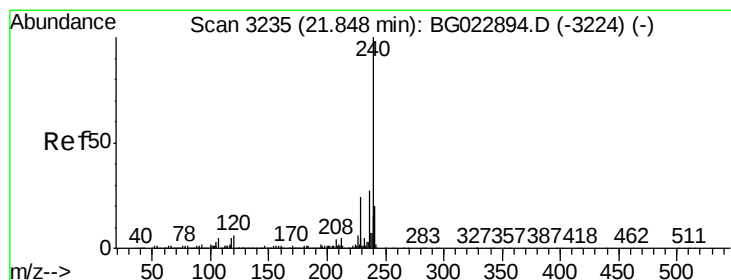
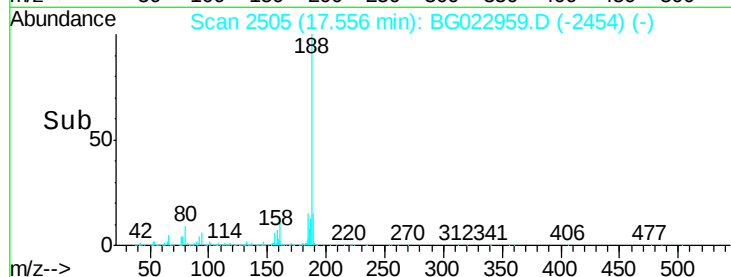
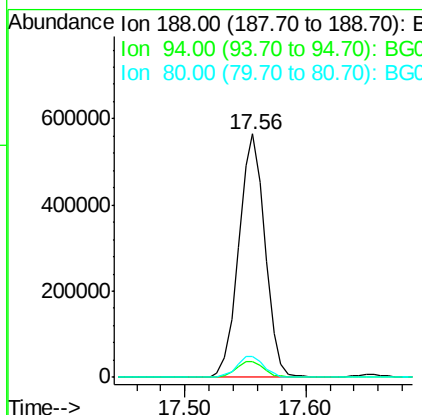
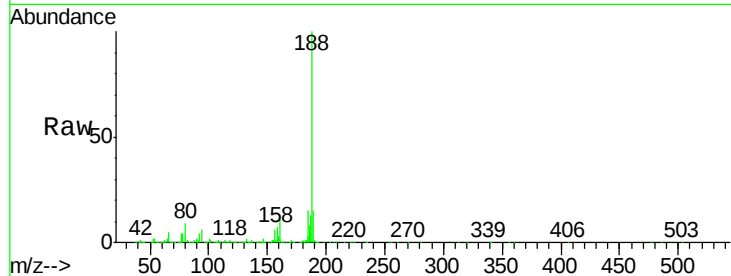




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

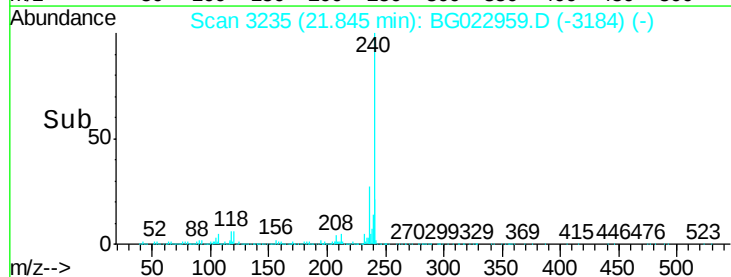
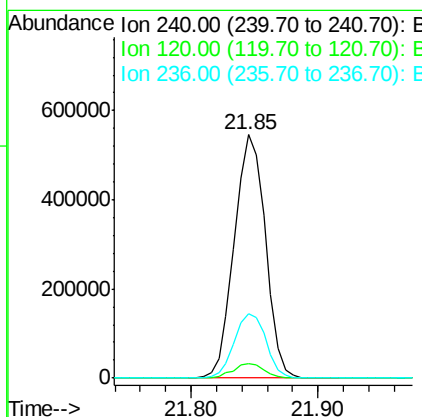
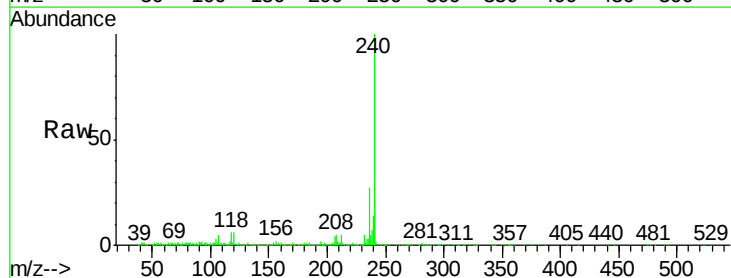
Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

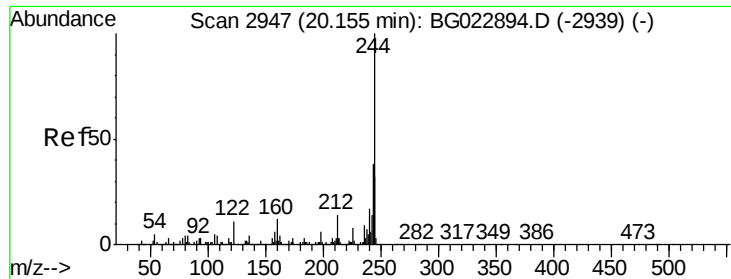
Tot Ion:188 Resp: 855048
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 8.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:240 Resp: 926202
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 26.5 21.1 31.7





#78

Terphenyl-d14

Concen: 130.11 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022959.D

Acq: 9 Jul 2016 10:05

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-1

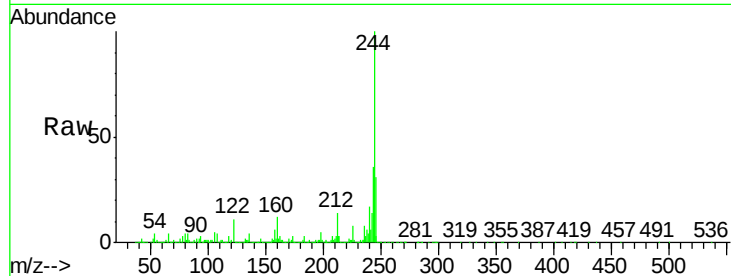
Tot Ion:244 Resp: 3089906

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	10.8	8.0	12.0

244 100

212 13.8 10.8 16.2

122 10.8 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

20.16

2000000

1500000

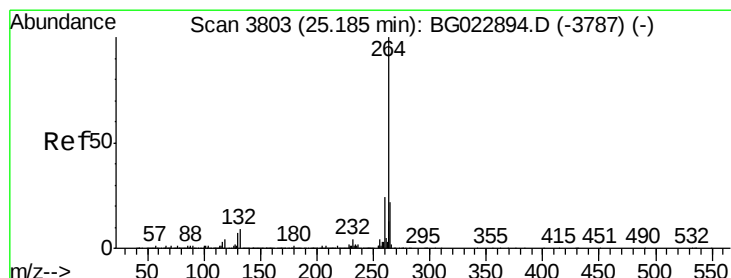
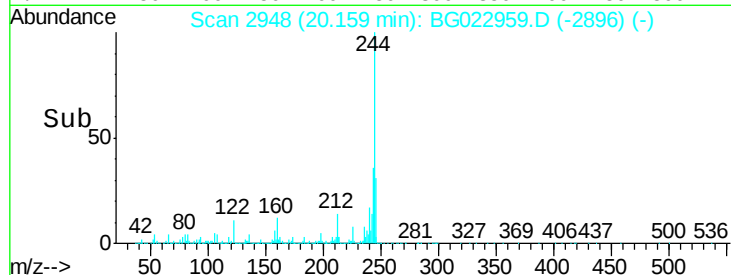
1000000

500000

0

Time-->

20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BG022959.D

Acq: 9 Jul 2016 10:05

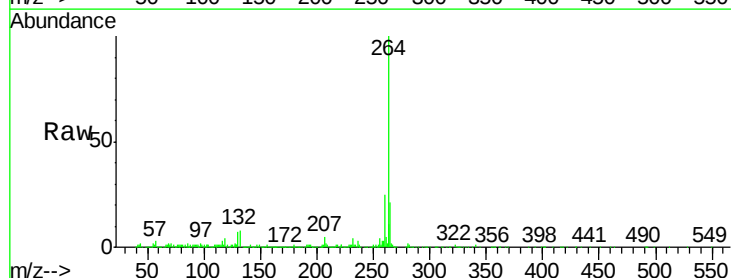
Tgt Ion:264 Resp: 928399

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.0	18.9	28.3

264 100

260 24.9 18.4 27.6

265 21.0 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

25.20

400000

300000

200000

100000

0

Time-->

25.10 25.20 25.30

