

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022937.D
 Acq On : 8 Jul 2016 19:25
 Operator : UM/SJ
 Sample : H3853-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:24:56 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	105697	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	483460	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	384415	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	995672	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1057140	20.00	ng	0.00
86) Perylene-d12	25.19	264	1064389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353524	54.70	ng	0.00
7) Phenol-d6	7.31	99	345143	34.10	ng	0.00
23) Nitrobenzene-d5	9.32	82	975859	86.43	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	894461	129.47	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2128640	87.22	ng	0.00
78) Terphenyl-d14	20.15	244	3057833	96.65	ng	0.00

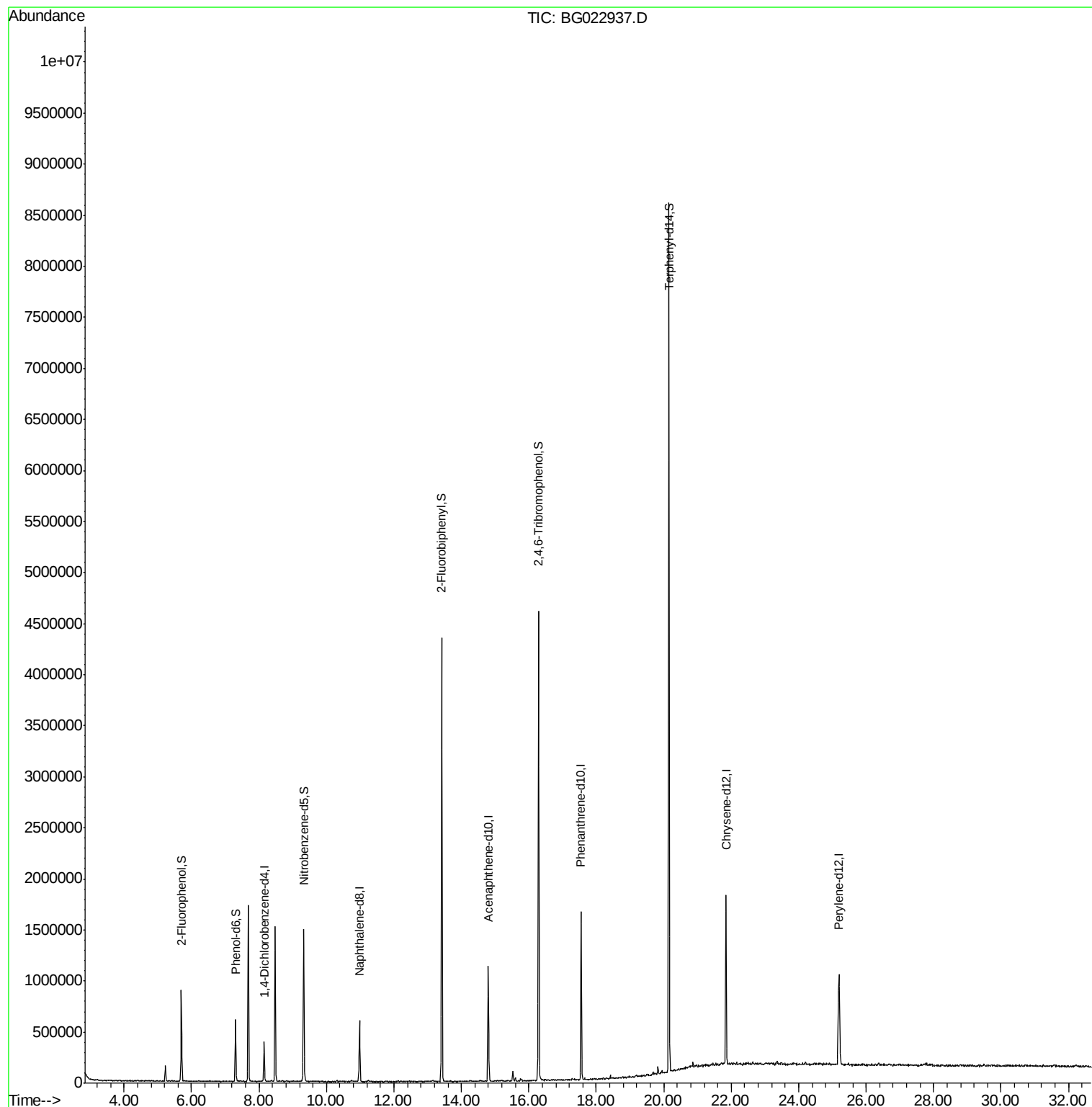
Target Compounds	Qvalue
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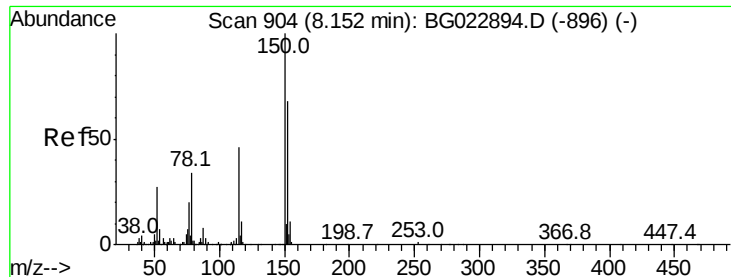
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Instrument :

BNA_G

ClientSampled :

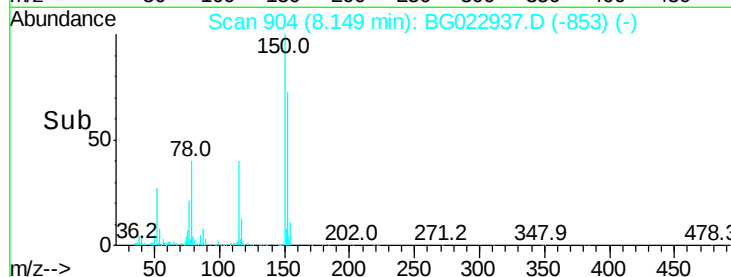
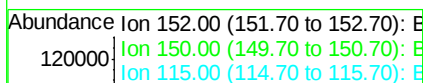
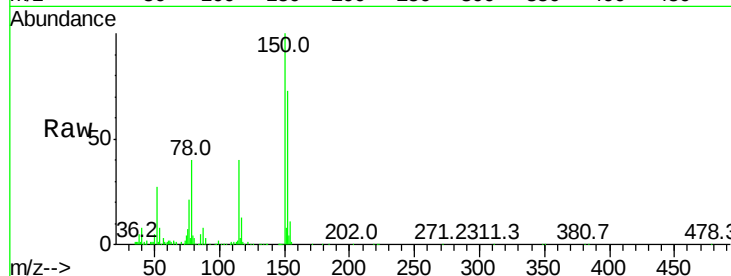
Tot Ion:152 Resp: 105697

Ion Ratio Lower Upper

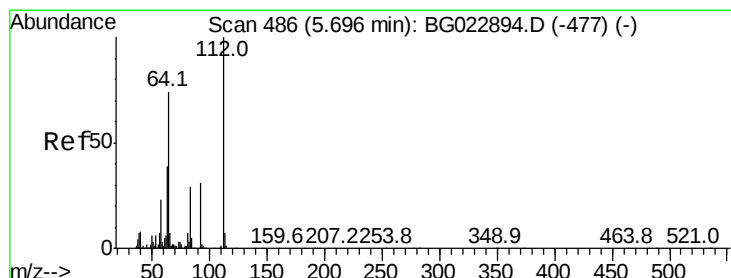
152 100

150 137.7 144.7 217.1#

115 54.7 64.0 96.0#



Time-->



#5

2-Fluorophenol

Concen: 54.70 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

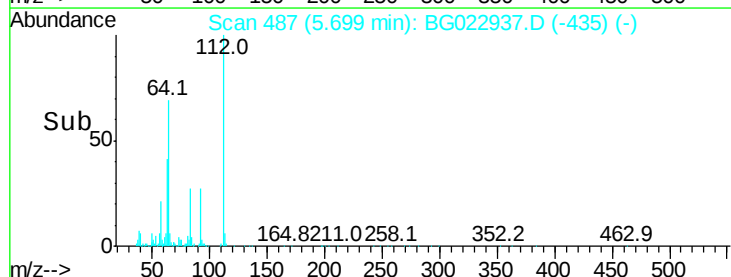
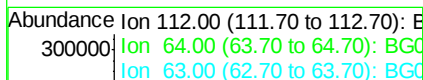
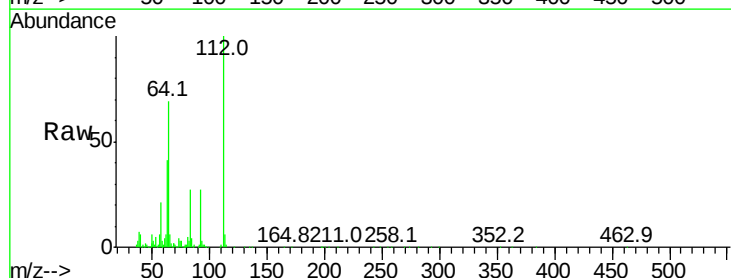
Tgt Ion:112 Resp: 353524

Ion Ratio Lower Upper

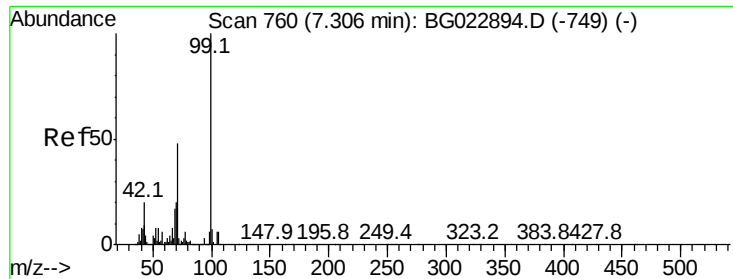
112 100

64 69.1 59.0 88.4

63 40.7 37.8 56.8



Time-->



#7

Phenol-d6

Concen: 34.10 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

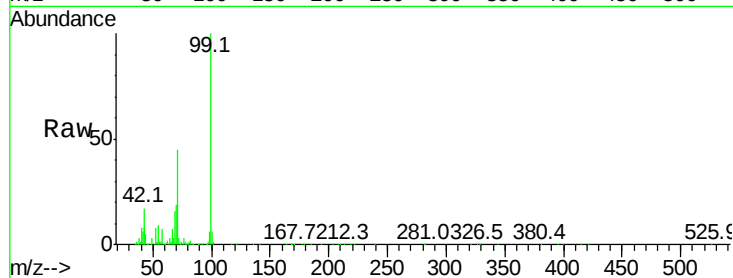
Instrument :

BNA_G

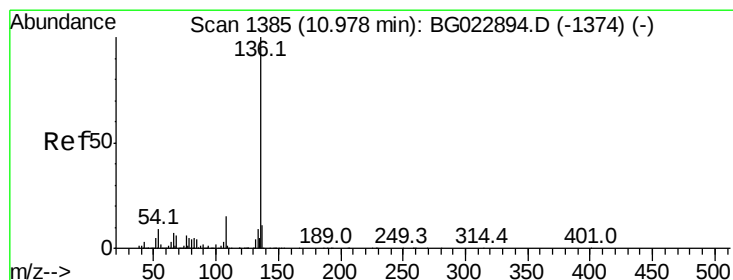
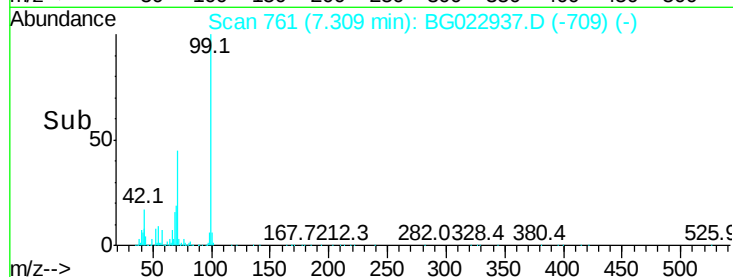
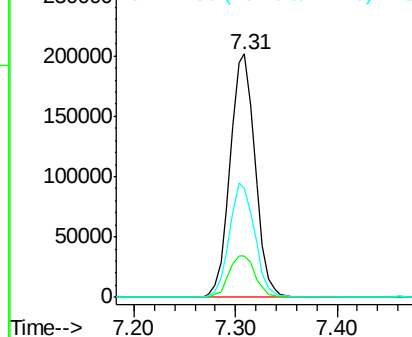
ClientSampleId :

Tot Ion: 99 Resp: 345143

Ion	Ratio	Lower	Upper
99	100		
42	17.1	17.8	26.6#
71	45.1	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

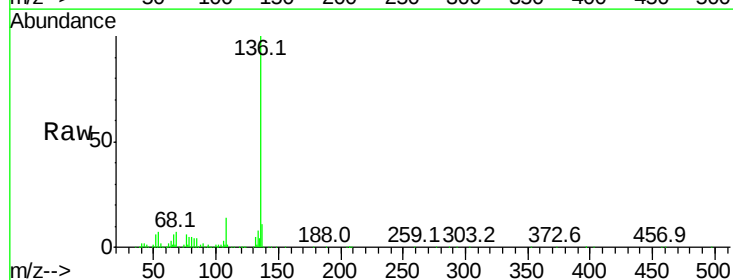
Delta R.T. 0.00 min

Lab File: BG022937.D

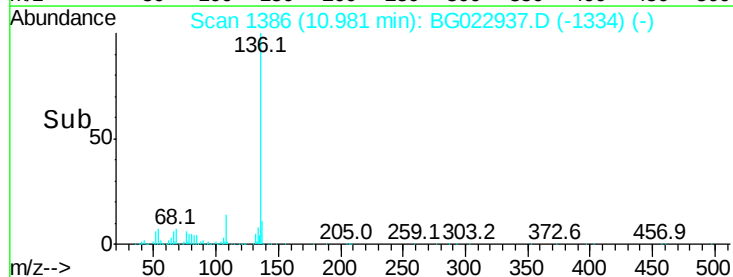
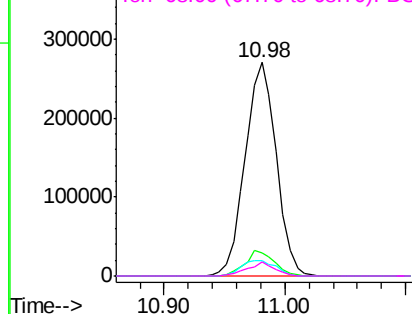
Acq: 8 Jul 2016 19:25

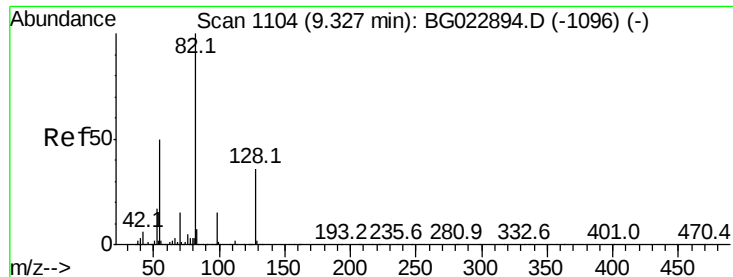
Tgt Ion: 136 Resp: 483460

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	7.0	7.3	10.9#
68	6.8	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

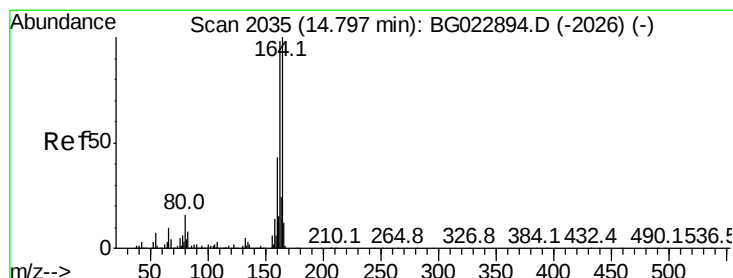
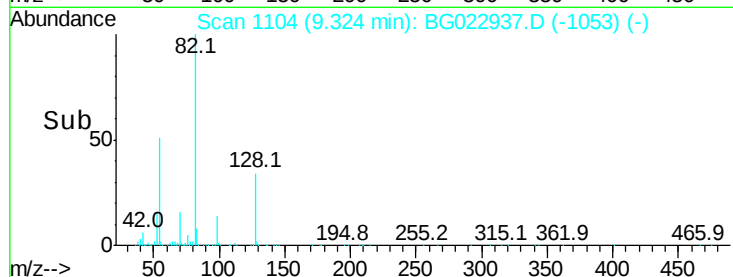
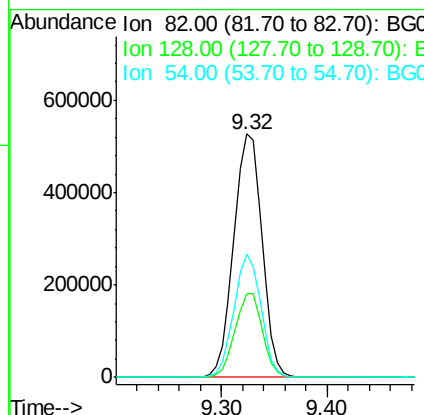
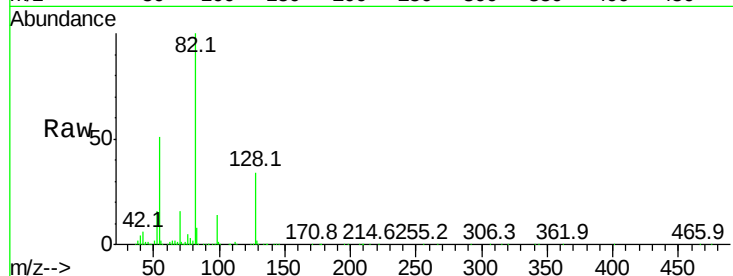




#23
 Nitrobenzene-d5
 Concen: 86.43 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022937.D
 Acq: 8 Jul 2016 19:25

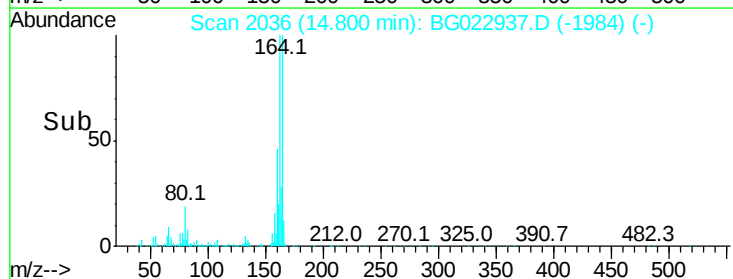
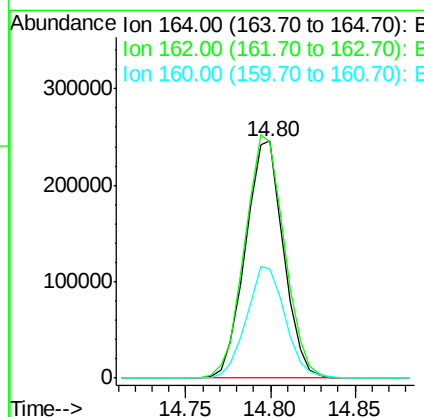
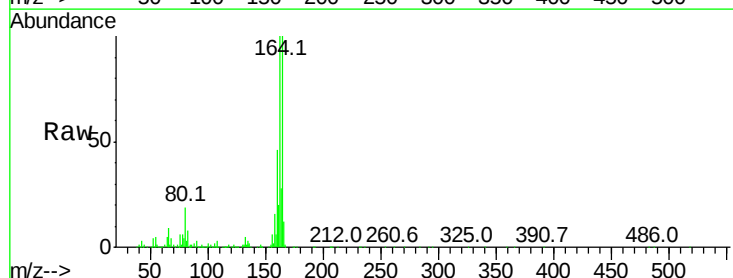
Instrument :
 BNA_G
 ClientSampleId :

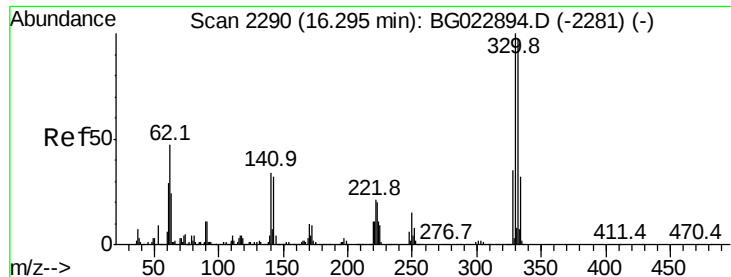
Tot Ion	82	Resp	975859
Ion Ratio	Lower	Upper	
82	100		
128	34.1	24.4	36.6
54	50.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022937.D
 Acq: 8 Jul 2016 19:25

Tgt Ion	164	Resp	384415
Ion Ratio	Lower	Upper	
164	100		
162	99.7	87.7	131.5
160	46.3	37.2	55.8

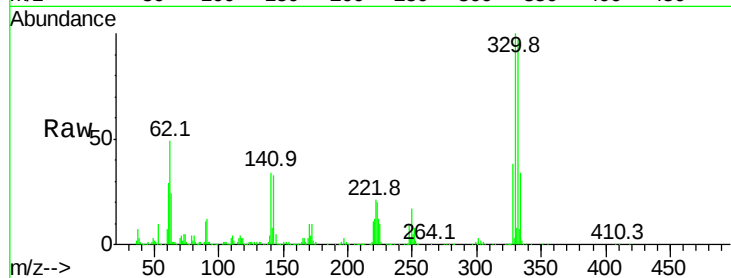




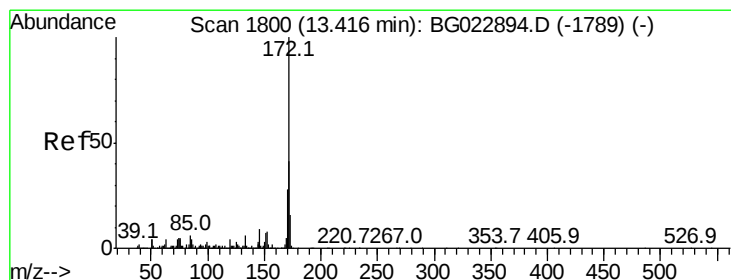
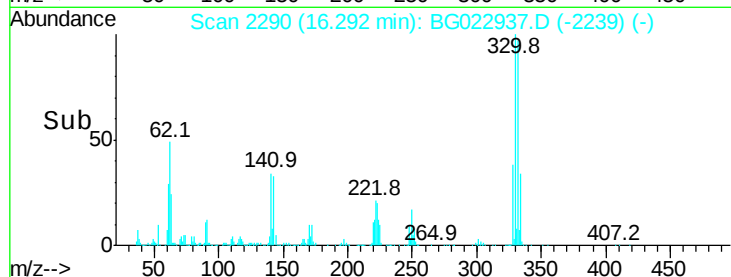
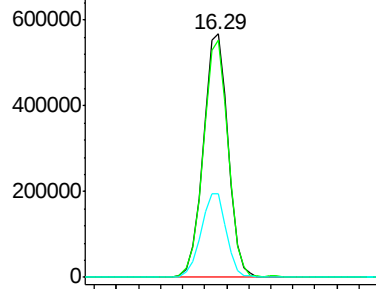
#41
 2,4,6-Tribromophenol
 Concen: 129.47 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022937.D
 Acq: 8 Jul 2016 19:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 894461
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 35.1 31.7 47.5

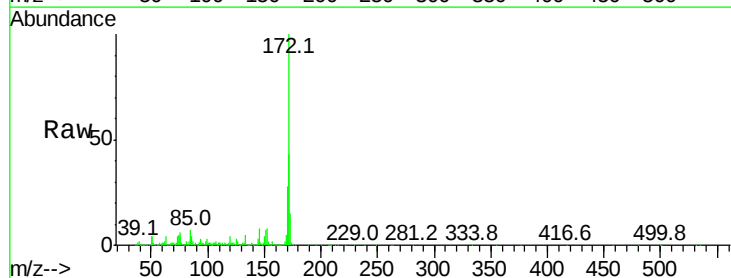


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

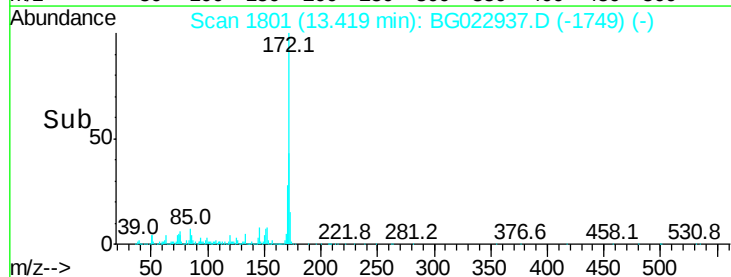
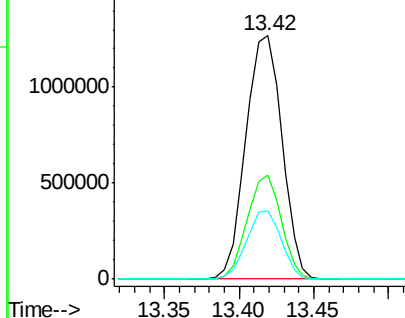


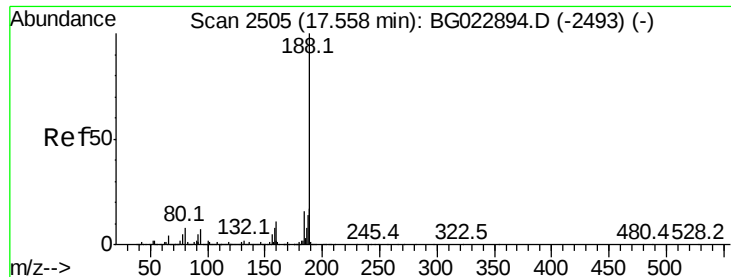
#44
 2-Fluorobiphenyl
 Concen: 87.22 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022937.D
 Acq: 8 Jul 2016 19:25

Tgt Ion:172 Resp: 2128640
 Ion Ratio Lower Upper
 172 100
 171 42.8 31.6 47.4
 170 28.3 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

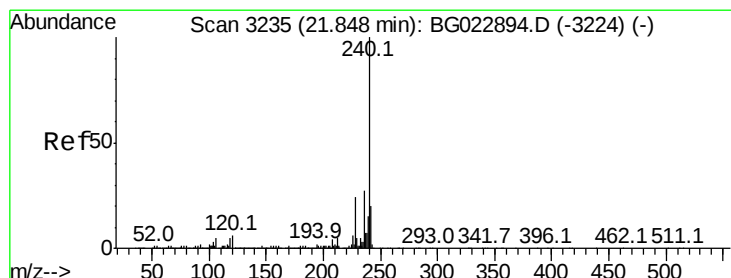
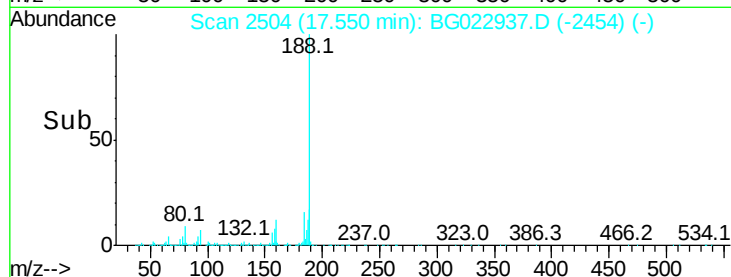
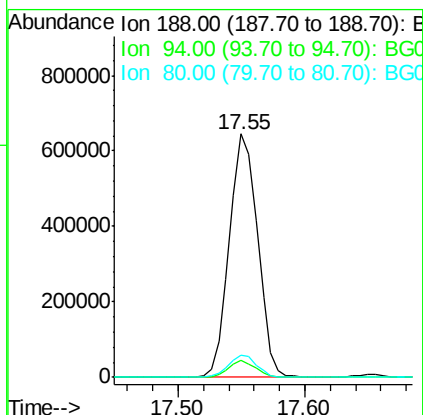
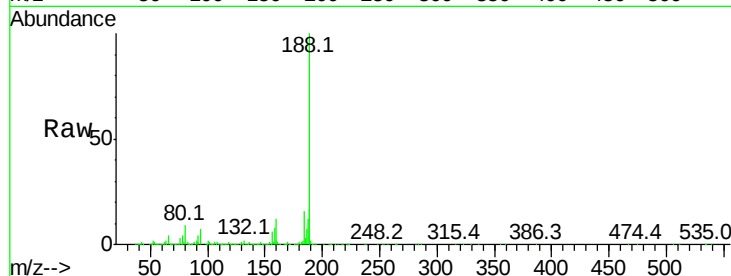




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022937.D
Acq: 8 Jul 2016 19:25

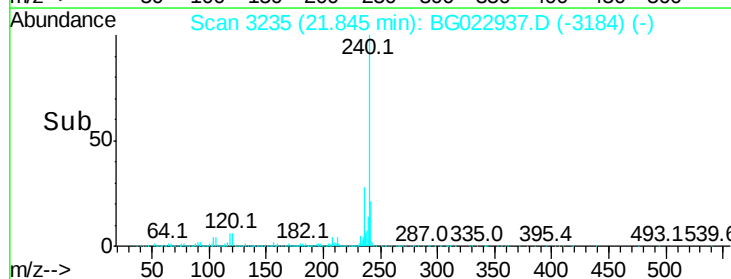
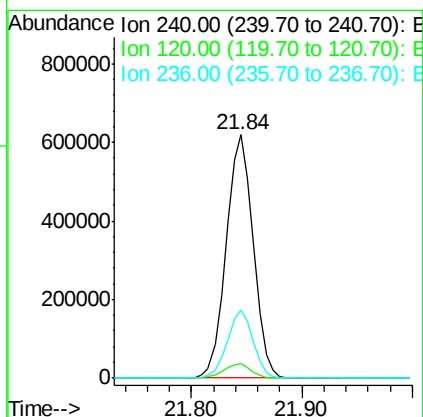
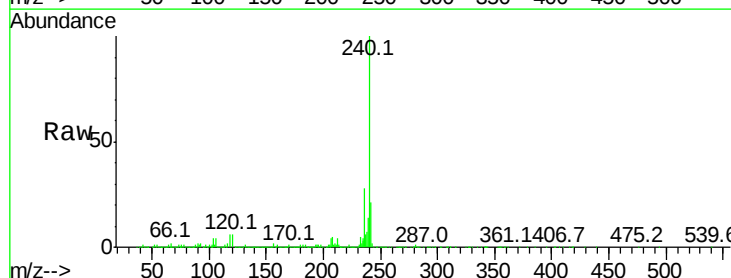
Instrument :
BNA_G
ClientSampleId :

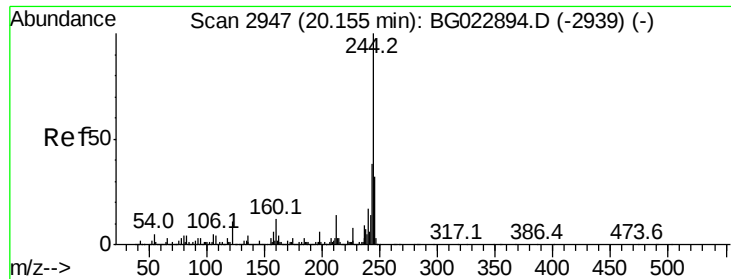
Tot Ion:188 Resp: 995672
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 9.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022937.D
Acq: 8 Jul 2016 19:25

Tgt Ion:240 Resp: 1057140
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 28.0 21.1 31.7





#78

Terphenyl-d14

Concen: 96.65 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

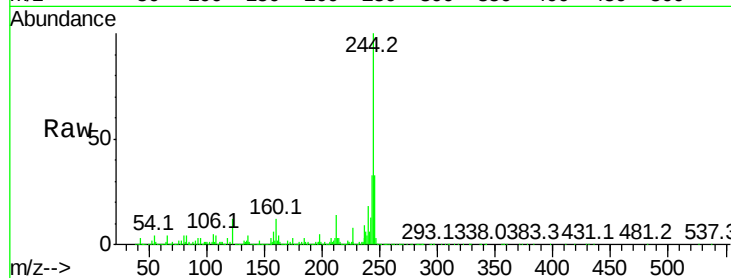
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 3057833

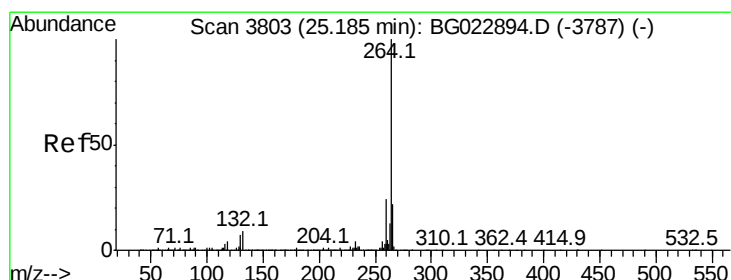
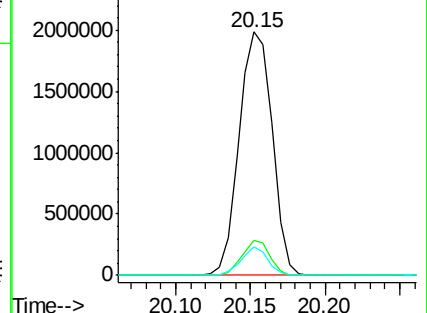
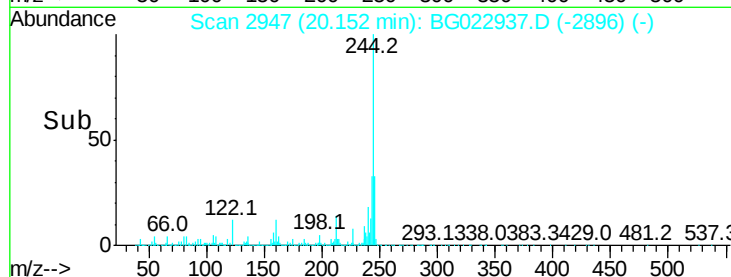
Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.8	16.2
122	11.7	8.0	12.0



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: 25.19 min Scan# 3805

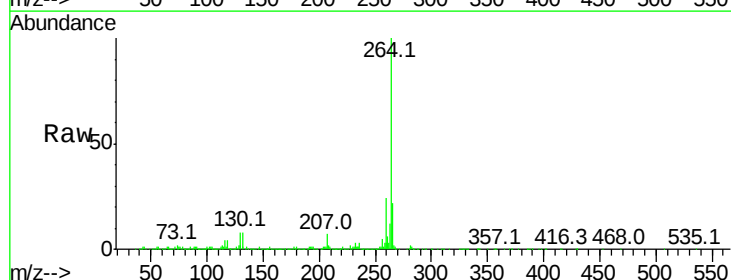
Delta R.T. 0.01 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Tgt Ion:264 Resp: 1064389

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.8	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

