

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022939.D
 Acq On : 8 Jul 2016 20:45
 Operator : UM/SJ
 Sample : H3859-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-6

Quant Time: Jul 09 00:25:17 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	102898	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	493103	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	363848	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	894352	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1002694	20.00	ng	0.00
86) Perylene-d12	25.21	264	1041780	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	350402	55.69	ng	0.00
7) Phenol-d6	7.31	99	370157	37.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	942855	81.87	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	798225	122.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1955308	84.65	ng	0.00
78) Terphenyl-d14	20.16	244	2755171	88.54	ng	0.00

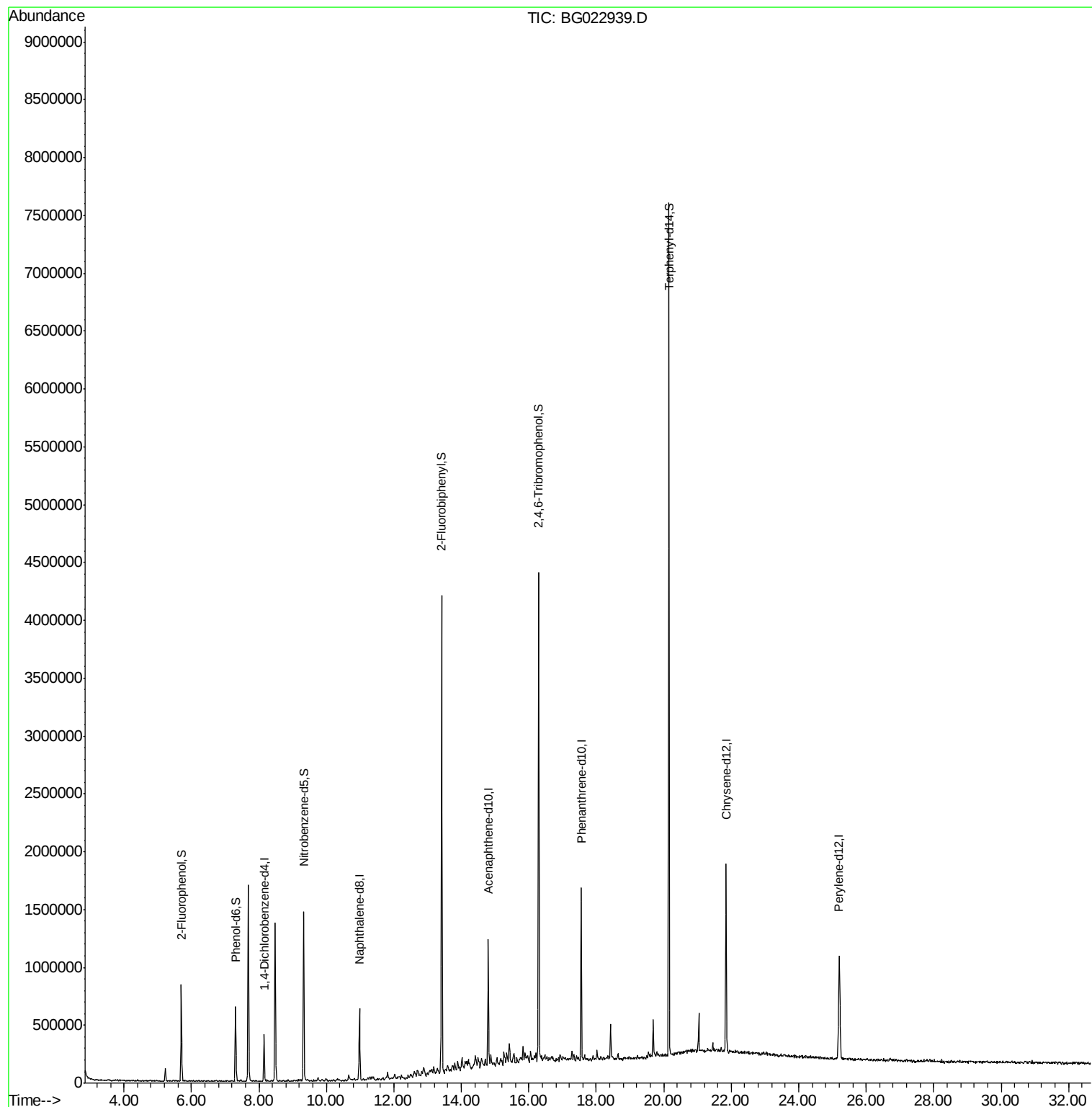
Target Compounds Qvalue

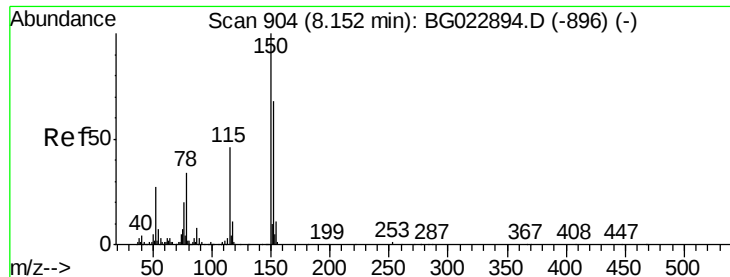
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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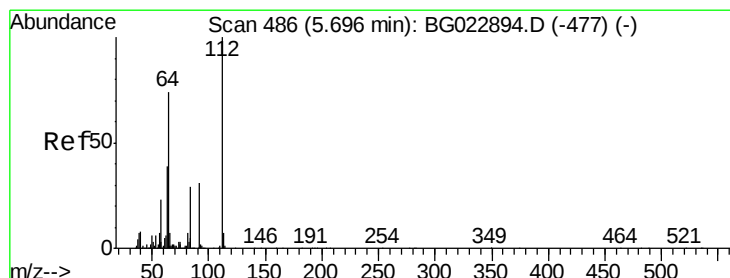
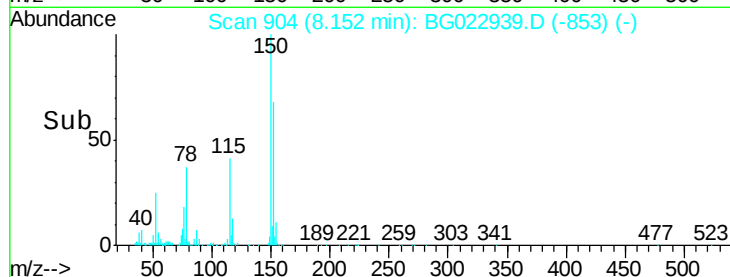
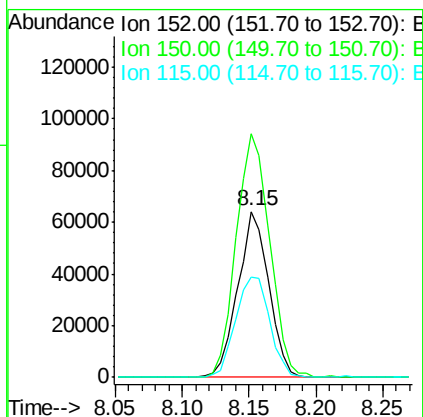
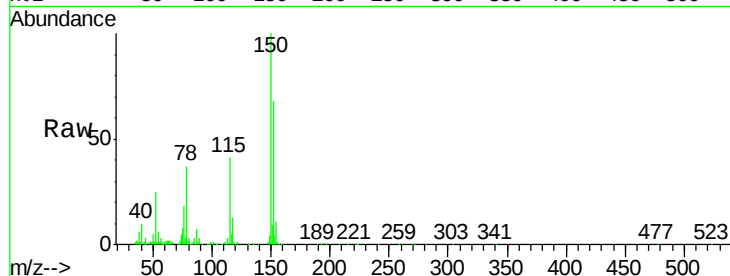


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG022939.D
Acq: 8 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
PZ-6

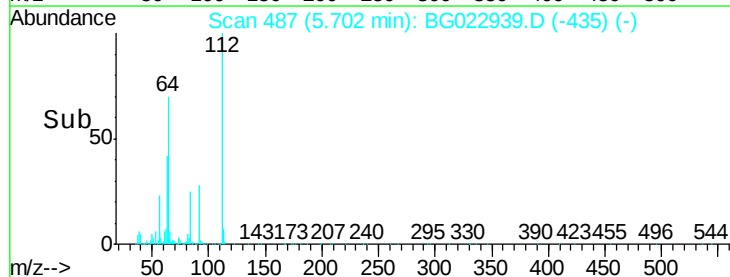
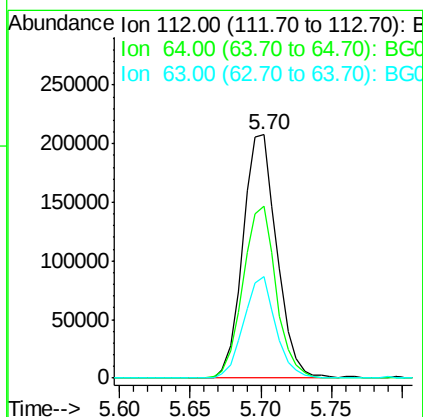
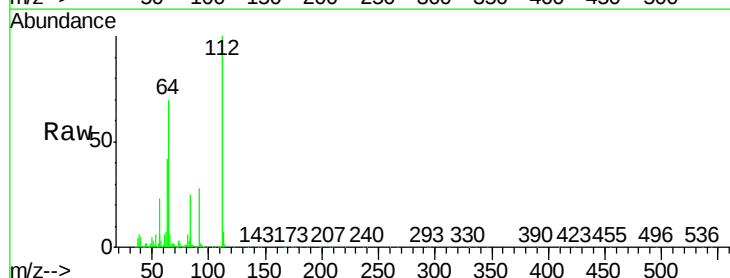
Tot Ion:152 Resp: 102898
Ion Ratio Lower Upper
152 100
150 146.8 144.7 217.1
115 60.1 64.0 96.0#

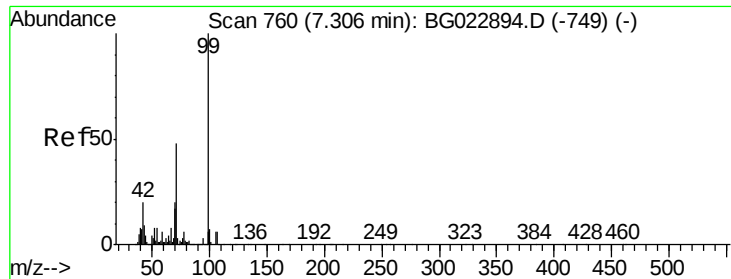


#5

2-Fluorophenol
Concen: 55.69 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG022939.D
Acq: 8 Jul 2016 20:45

Tgt Ion:112 Resp: 350402
Ion Ratio Lower Upper
112 100
64 70.5 59.0 88.4
63 41.9 37.8 56.8





#7

Phenol-d6

Concen: 37.56 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PZ-6

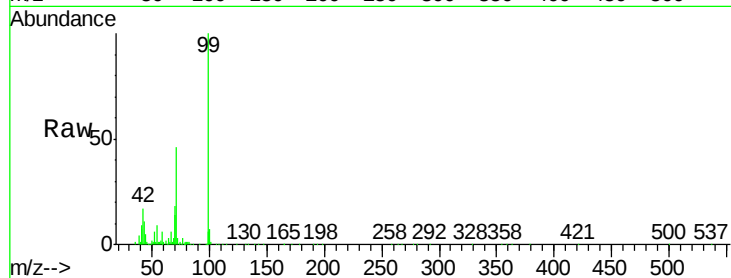
Tot Ion: 99 Resp: 370157

Ion Ratio Lower Upper

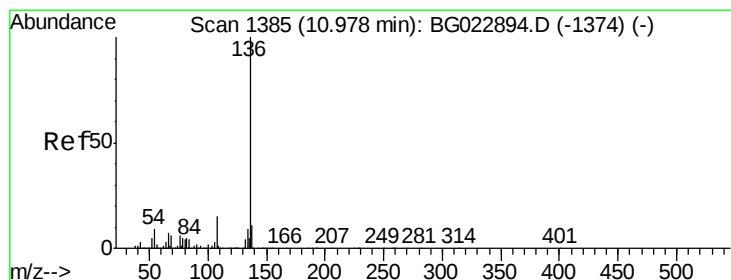
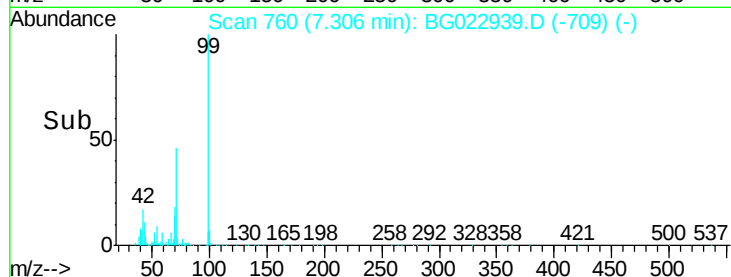
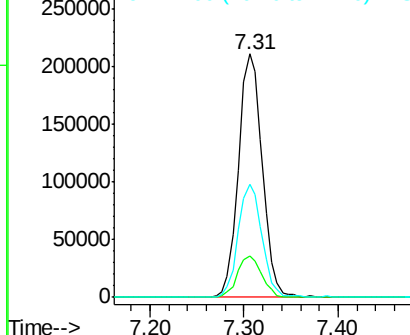
99 100

42 16.8 17.8 26.6#

71 46.3 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. 0.01 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Tgt Ion: 136 Resp: 493103

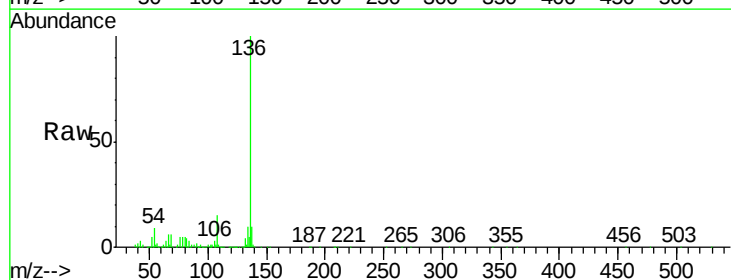
Ion Ratio Lower Upper

136 100

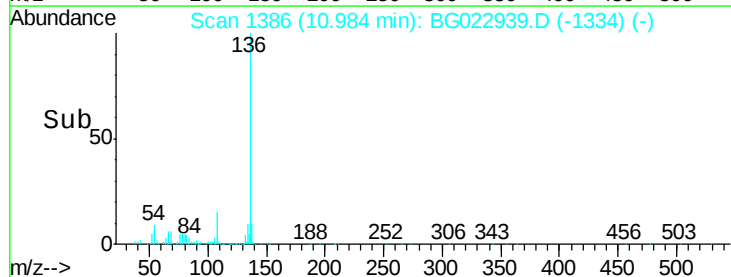
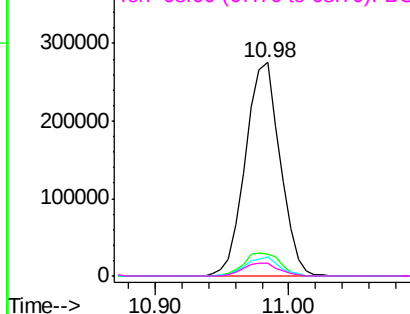
137 10.1 9.6 14.4

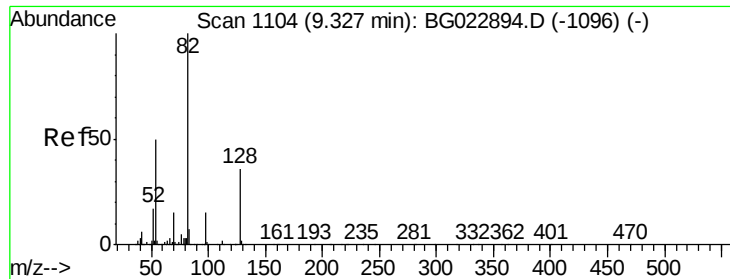
54 8.8 7.3 10.9

68 5.9 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

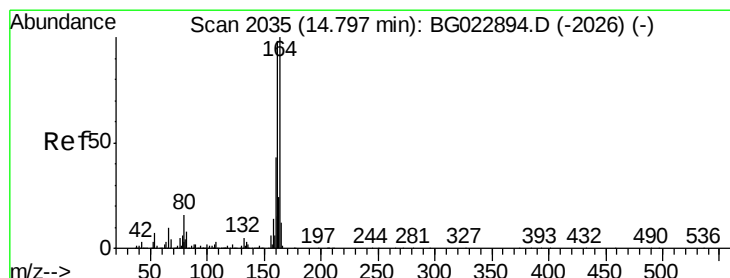
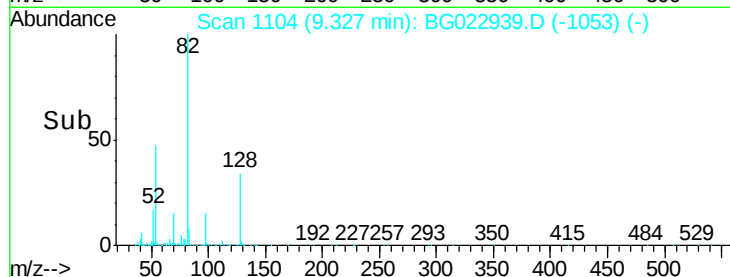
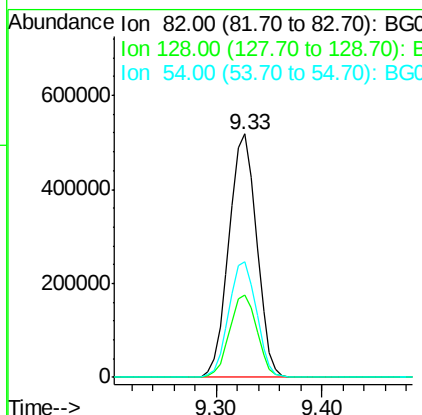
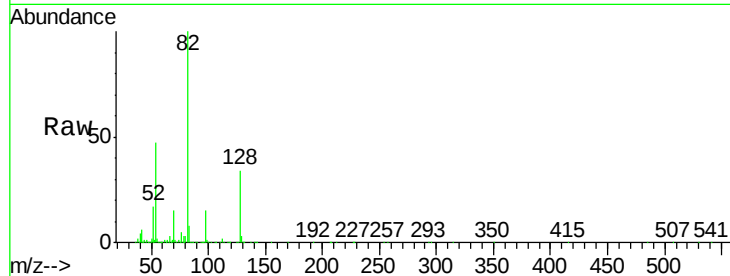




#23
 Nitrobenzene-d5
 Concen: 81.87 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

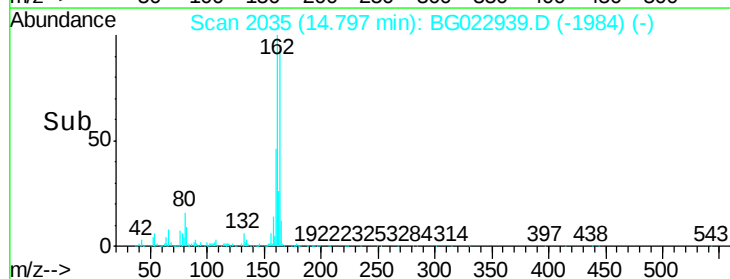
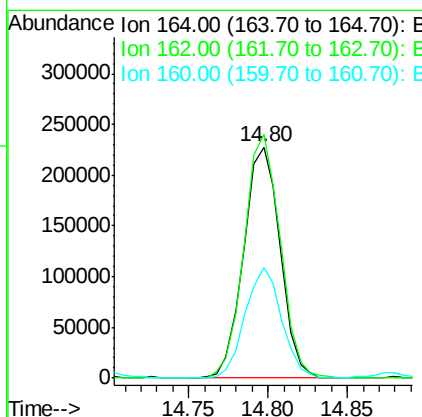
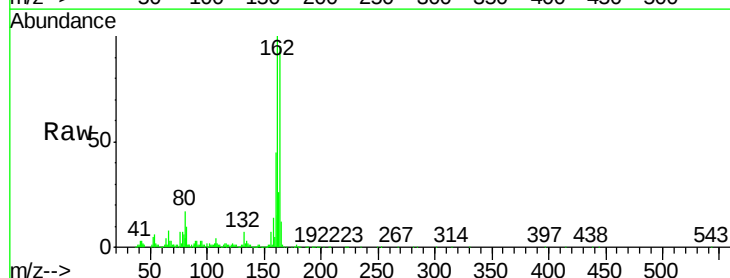
Instrument :
 BNA_G
 ClientSampleId :
 PZ-6

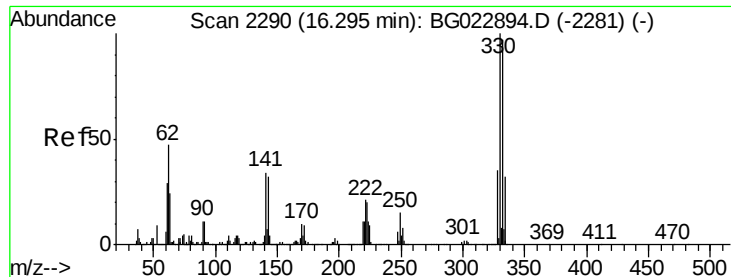
Tot Ion	82	Resp	942855
Ion Ratio	Lower	Upper	
82	100		
128	33.9	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

Tgt Ion	164	Resp	363848
Ion Ratio	Lower	Upper	
164	100		
162	105.4	87.7	131.5
160	47.9	37.2	55.8

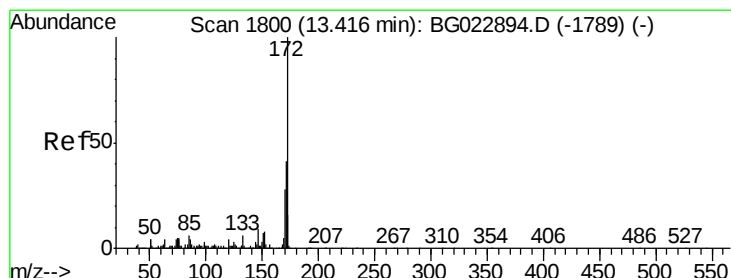
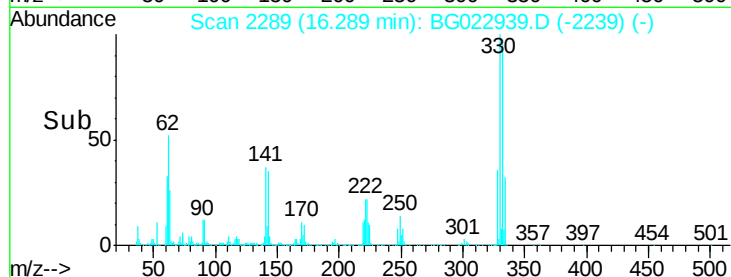
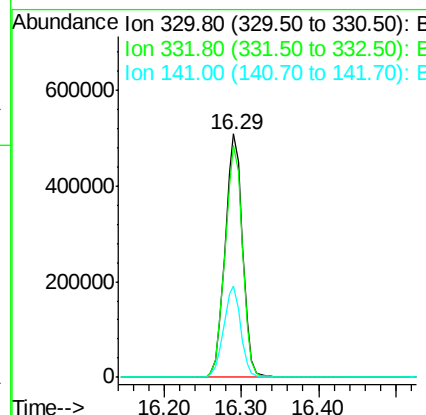
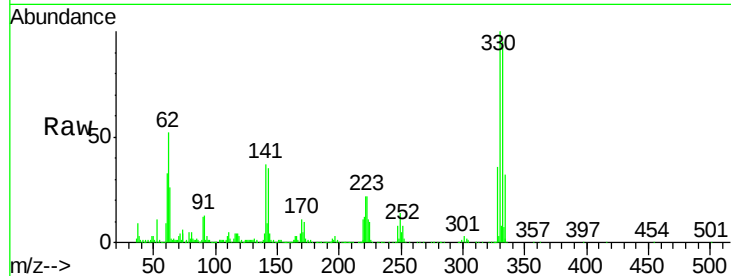




#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

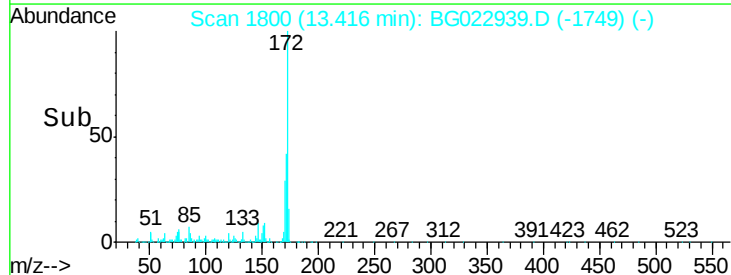
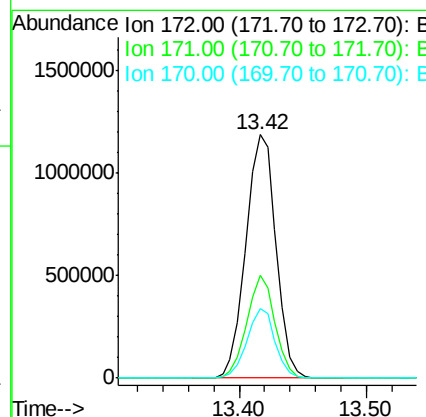
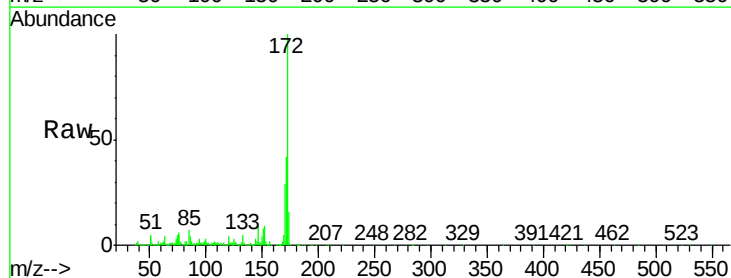
Instrument :
 BNA_G
 ClientSampleId :
 PZ-6

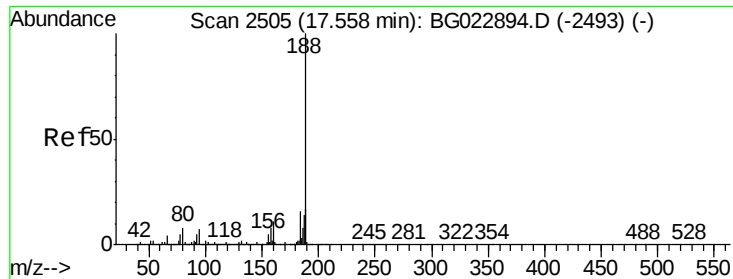
Tot Ion:330 Resp: 798225
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 35.8 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 84.65 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

Tgt Ion:172 Resp: 1955308
 Ion Ratio Lower Upper
 172 100
 171 42.1 31.6 47.4
 170 28.5 21.3 31.9

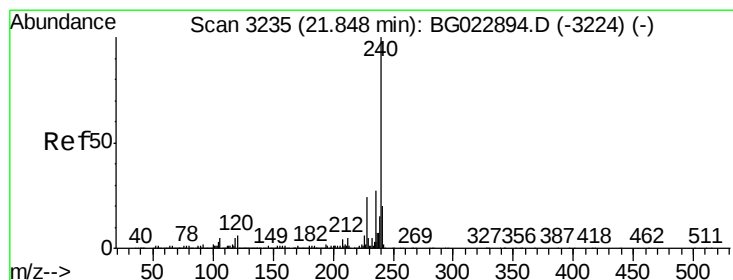
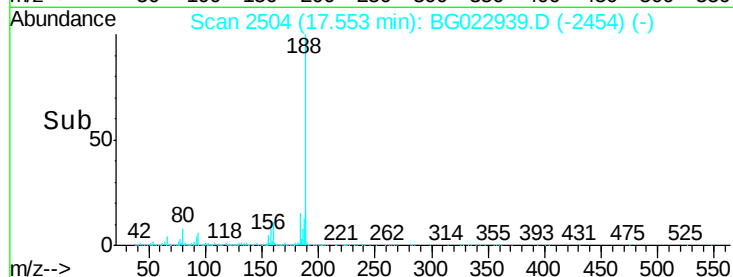
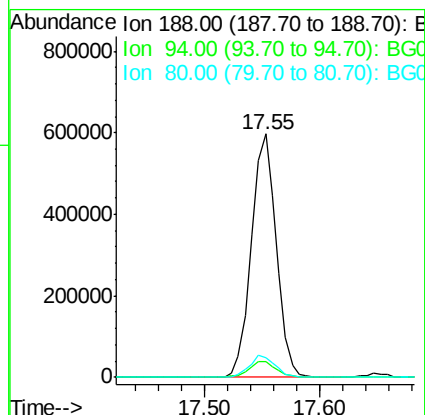
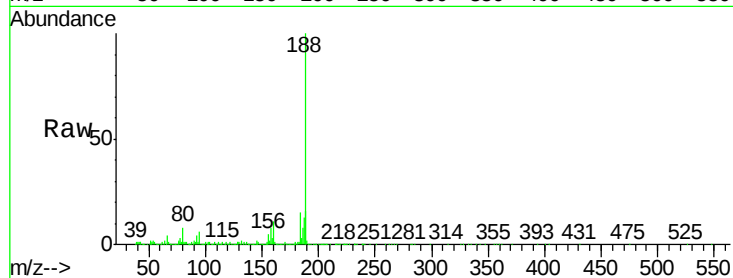




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022939.D
Acq: 8 Jul 2016 20:45

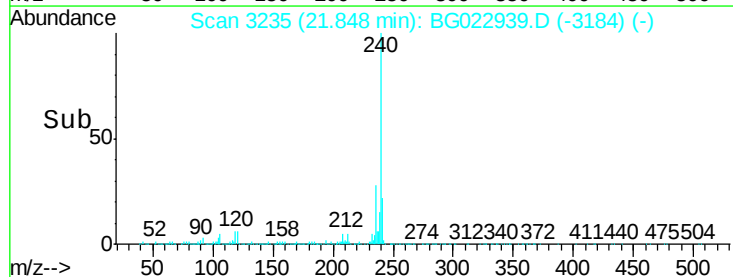
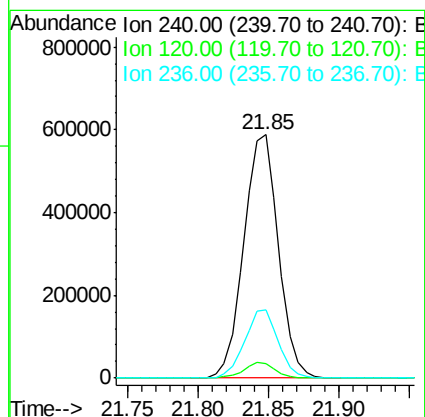
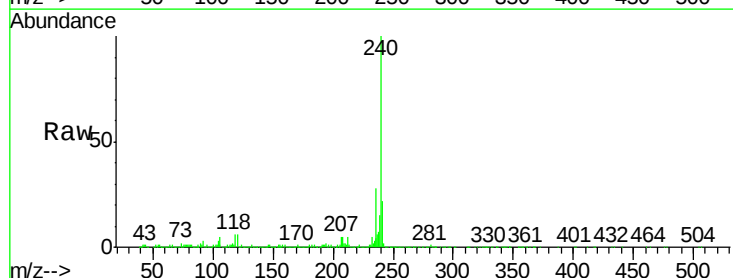
Instrument :
BNA_G
ClientSampleId :
PZ-6

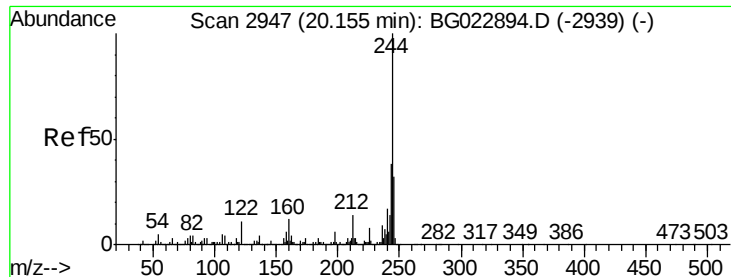
Tot Ion:188 Resp: 894352
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 8.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022939.D
Acq: 8 Jul 2016 20:45

Tgt Ion:240 Resp: 1002694
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 28.3 21.1 31.7





#78

Terphenyl-d14

Concen: 88.54 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

PZ-6

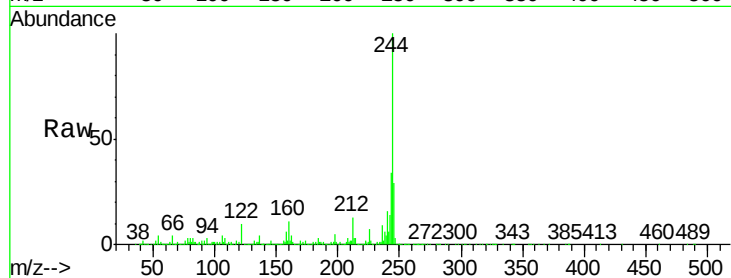
Tot Ion:244 Resp: 2755171

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	9.7	8.0	12.0

244 100

212 13.2 10.8 16.2

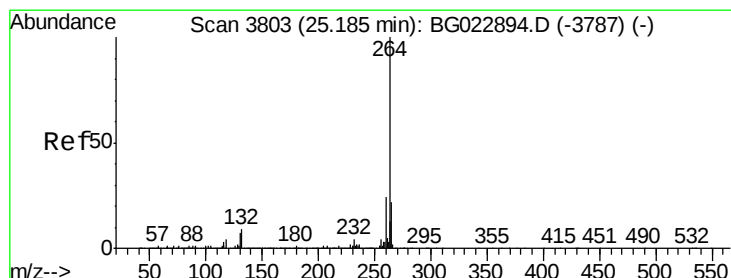
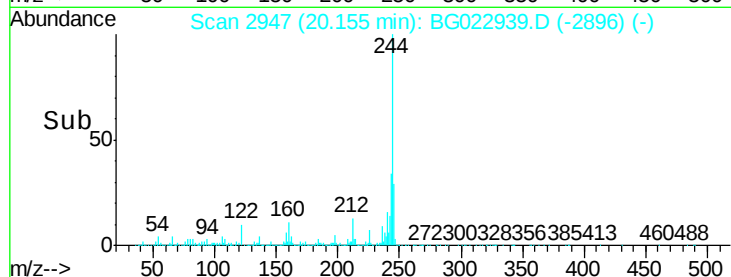
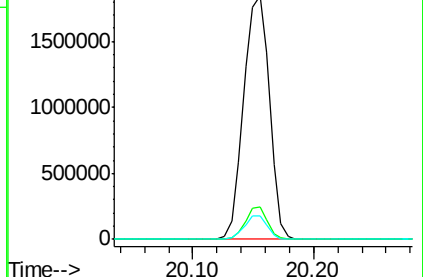
122 9.7 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

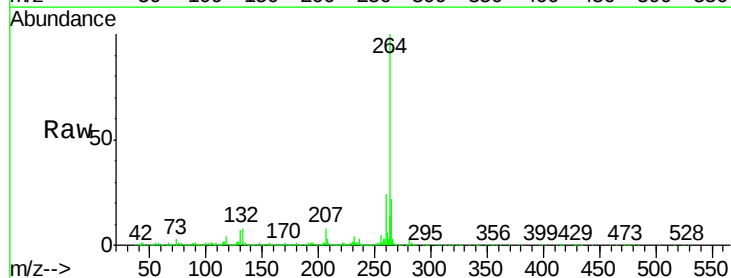
Tgt Ion:264 Resp: 1041780

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.4	18.9	28.3

264 100

260 24.2 18.4 27.6

265 22.4 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

