

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023038.D
 Acq On : 12 Jul 2016 16:04
 Operator : UM/SJ
 Sample : PB92013BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BL

Quant Time: Jul 13 01:06:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99849	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	480595	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	392568	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	918249	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1024269	20.00	ng	0.02
86) Perylene-d12	25.26	264	1008166	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	835057	136.78	ng	0.00
7) Phenol-d6	7.31	99	1320813	138.13	ng	0.00
23) Nitrobenzene-d5	9.33	82	955675	85.15	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	748053	106.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2066444	82.91	ng	0.00
78) Terphenyl-d14	20.17	244	2944342	95.59	ng	0.01

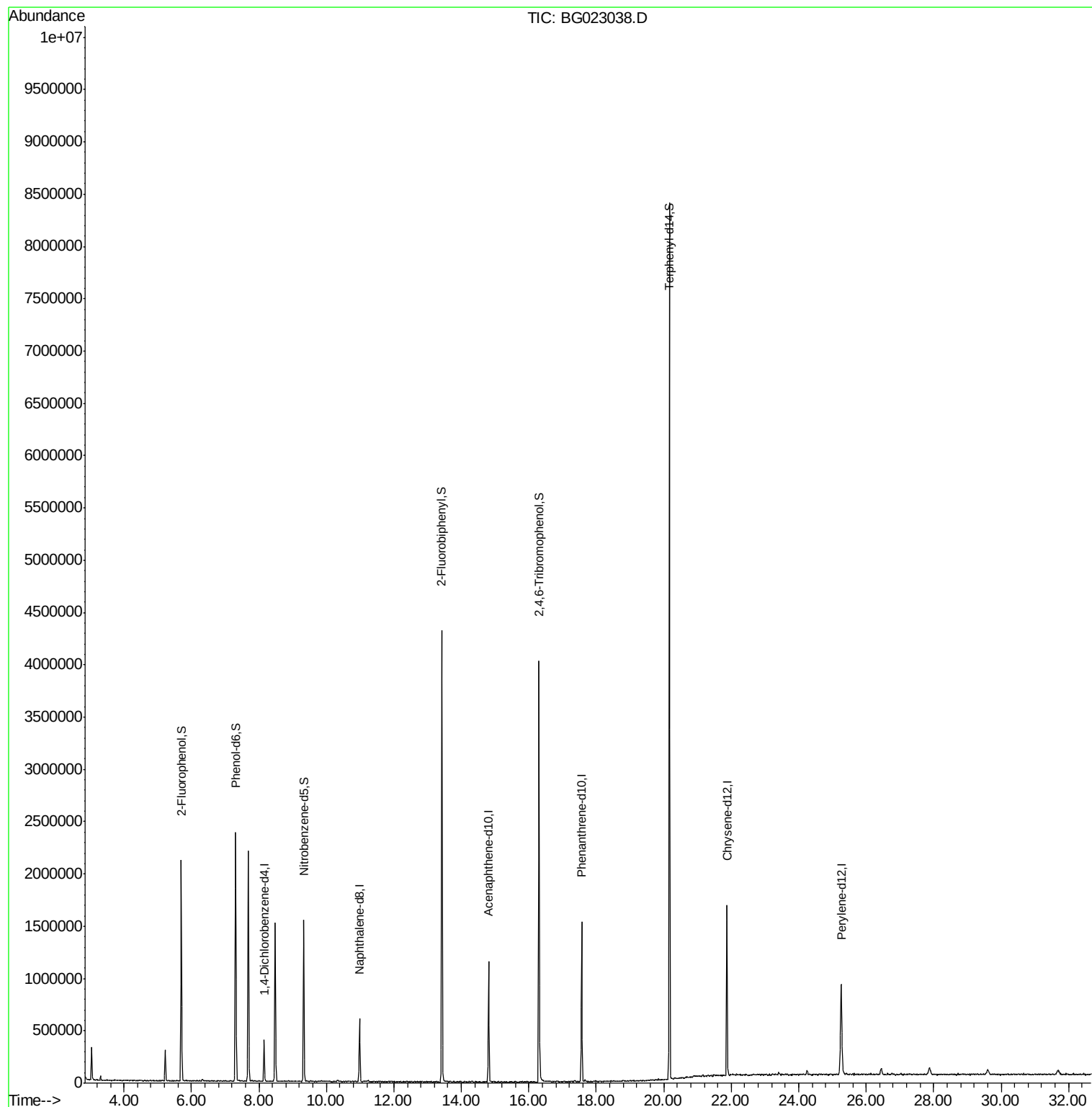
Target Compounds Qvalue

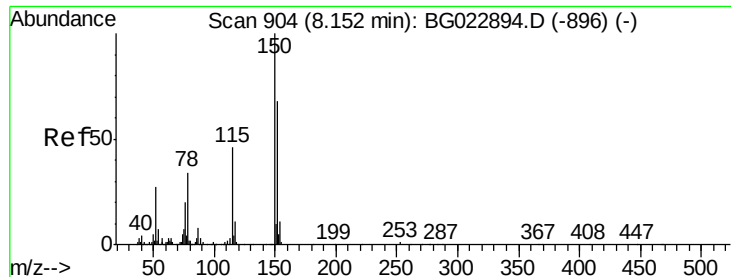
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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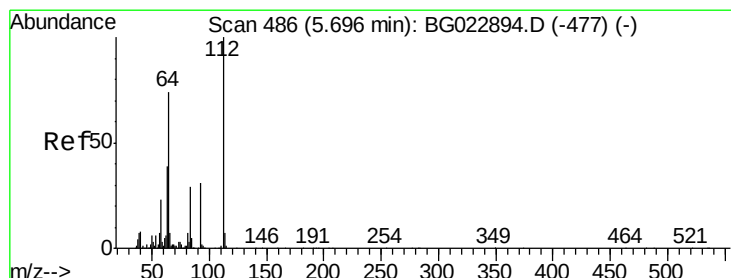
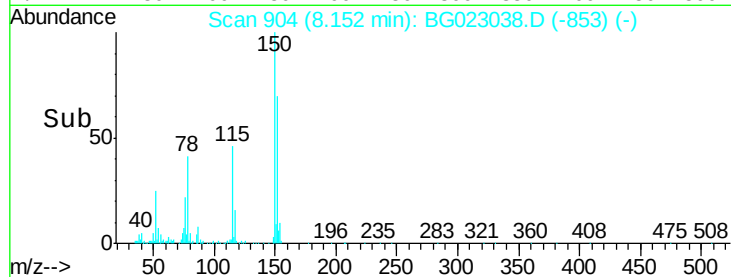
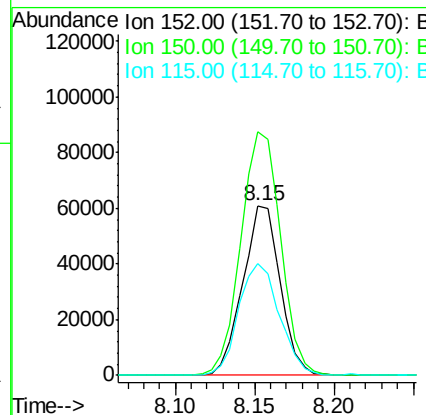
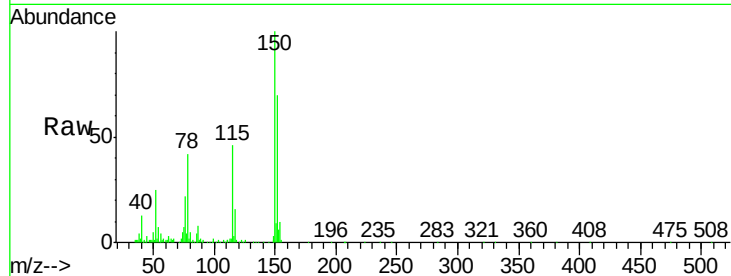


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023038.D
Acq: 12 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
PB92013BL

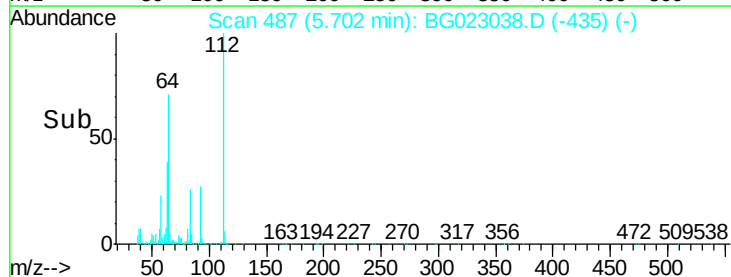
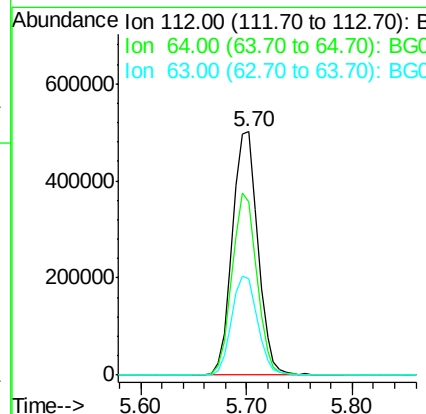
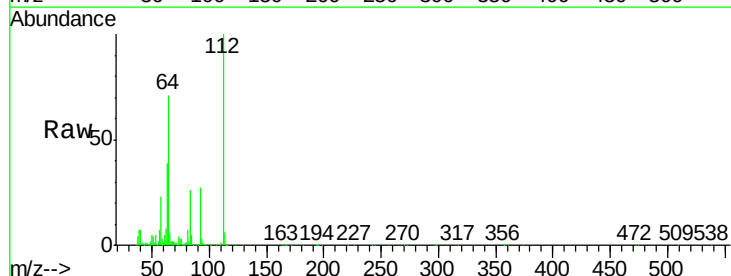
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	144.7	217.1#
115	65.7	64.0	96.0

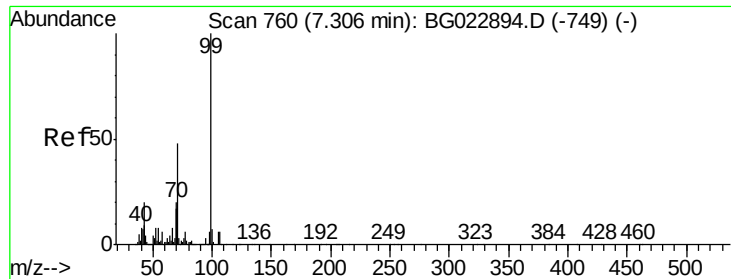


#5

2-Fluorophenol
Concen: 136.78 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023038.D
Acq: 12 Jul 2016 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.0	88.4
63	39.5	37.8	56.8





#7

Phenol-d6

Concen: 138.13 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023038.D

Acq: 12 Jul 2016 16:04

Instrument :

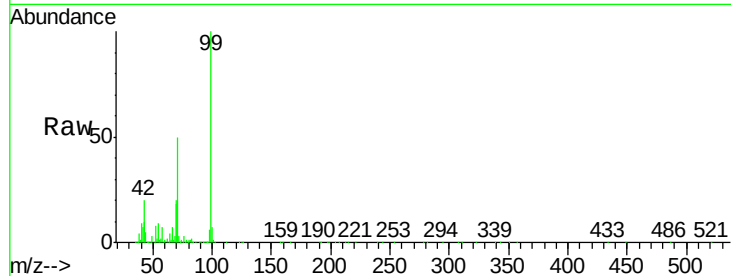
BNA_G

ClientSampleId :

PB92013BL

Tot Ion: 99 Resp: 1320813

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	50.1	41.5	62.3

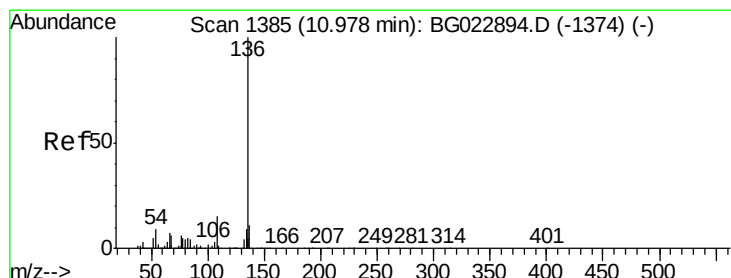
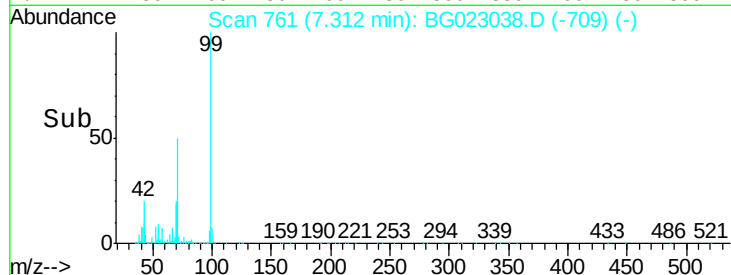
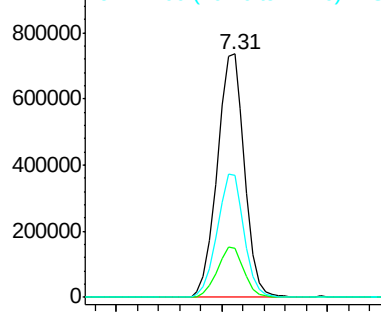


Abundance

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

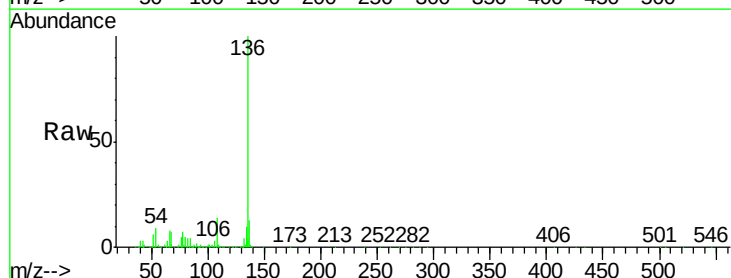
Delta R.T. 0.01 min

Lab File: BG023038.D

Acq: 12 Jul 2016 16:04

Tgt Ion: 136 Resp: 480595

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	8.8	7.3	10.9
68	6.6	5.3	7.9



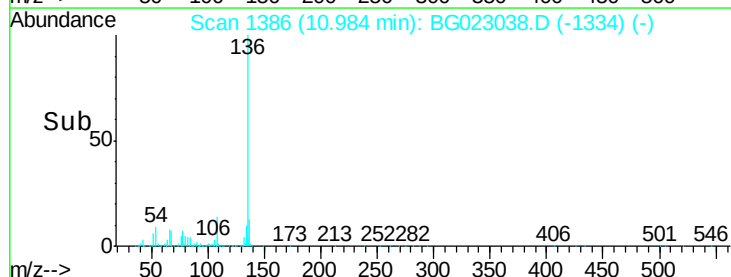
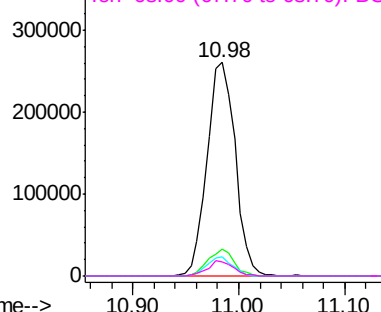
Abundance

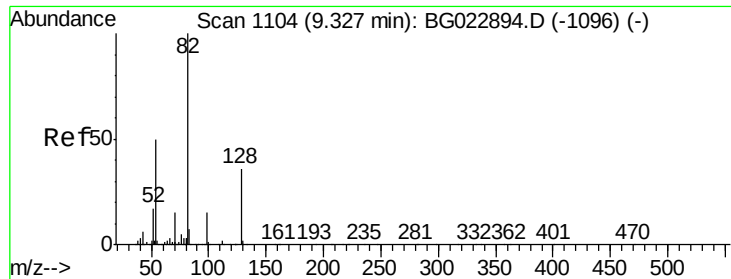
Ion 136.00 (135.70 to 136.70): BGC

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

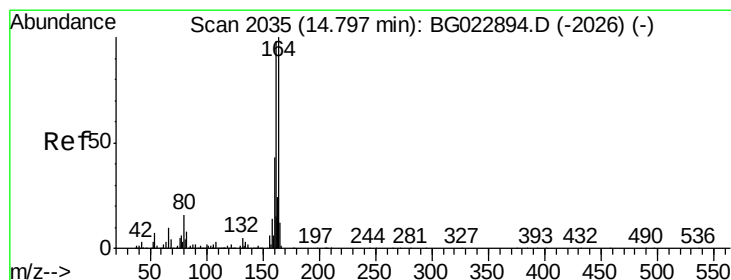
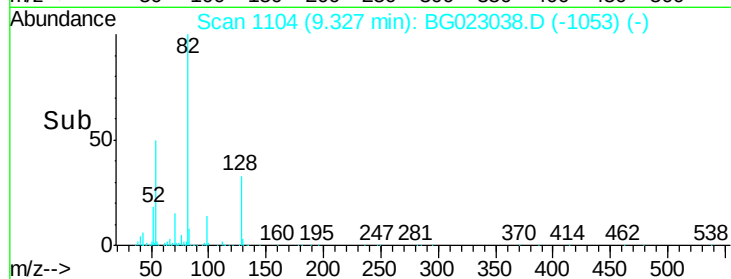
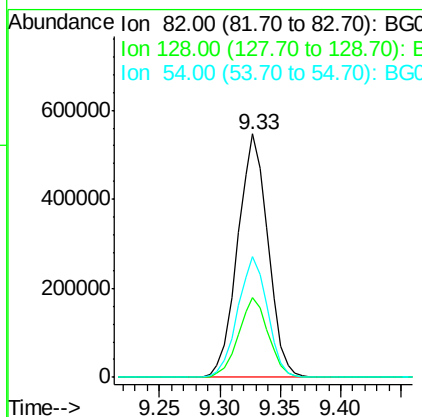
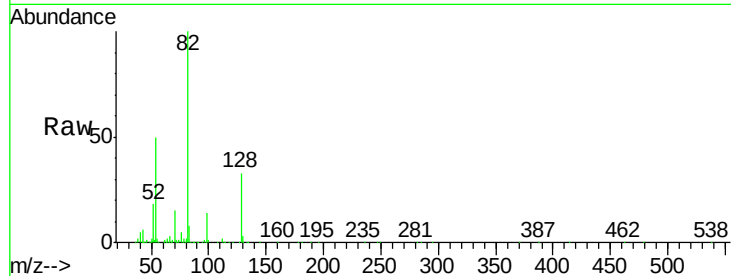




#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023038.D
 Acq: 12 Jul 2016 16:04

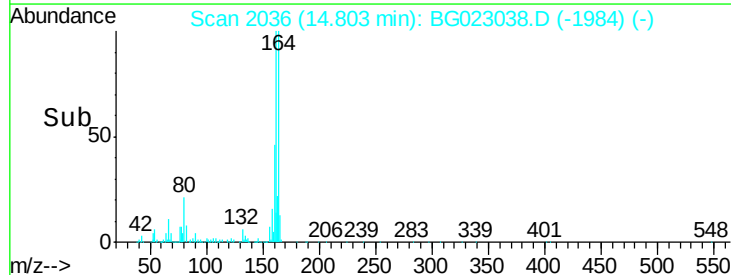
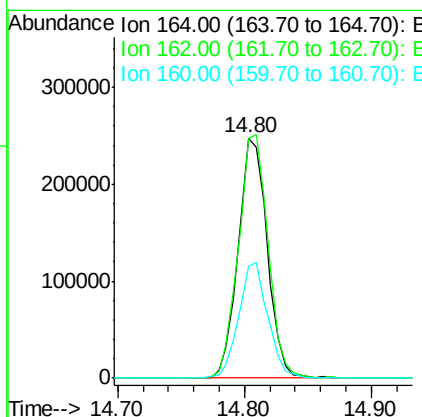
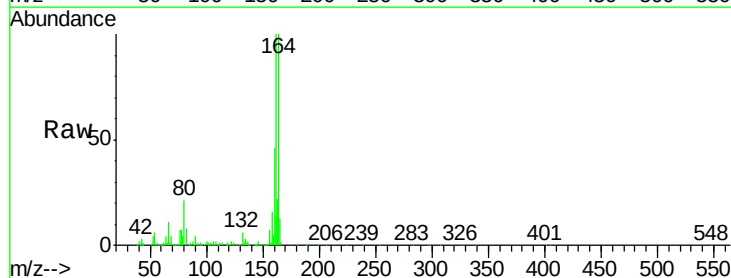
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BL

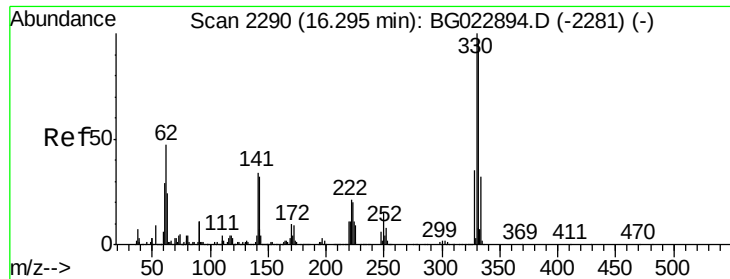
Tot Ion	82	Resp	955675
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	49.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023038.D
 Acq: 12 Jul 2016 16:04

Tgt Ion	164	Resp	392568
Ion Ratio	Lower	Upper	
164	100		
162	100.0	87.7	131.5
160	46.4	37.2	55.8

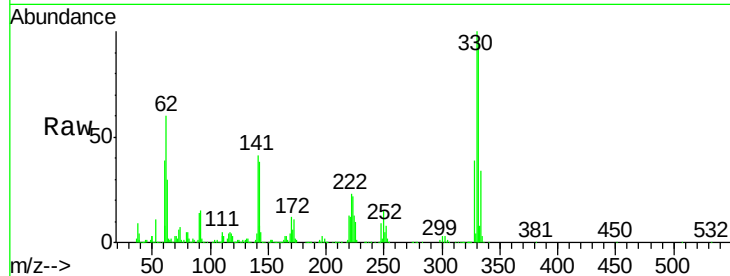




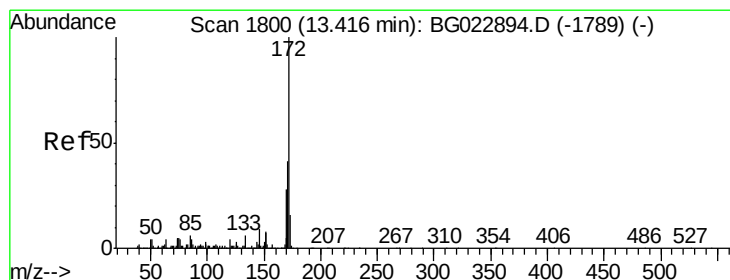
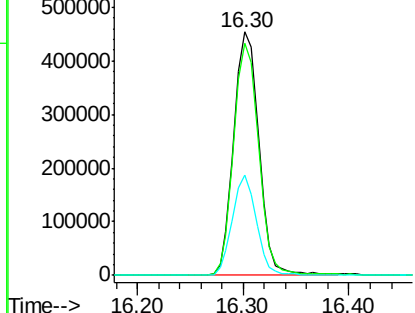
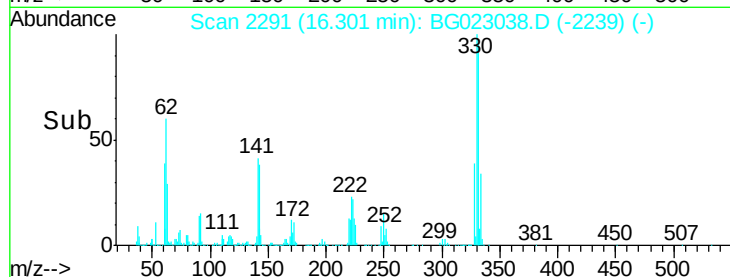
#41
 2,4,6-Tribromophenol
 Concen: 106.03 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023038.D
 Acq: 12 Jul 2016 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BL

Tot Ion:330 Resp: 748053
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 39.6 31.7 47.5

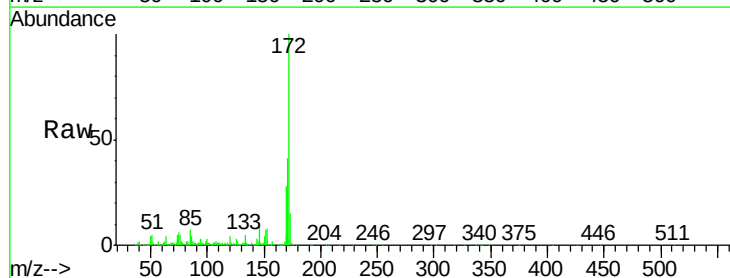


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

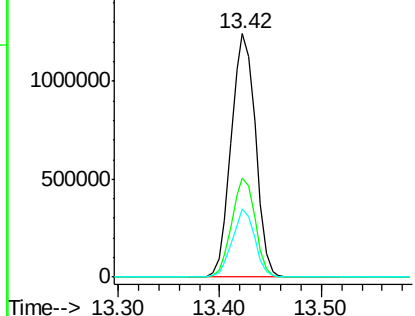
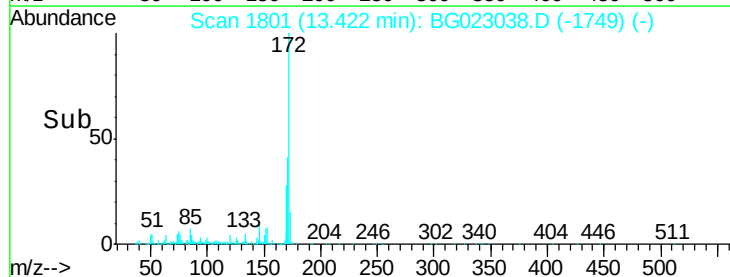


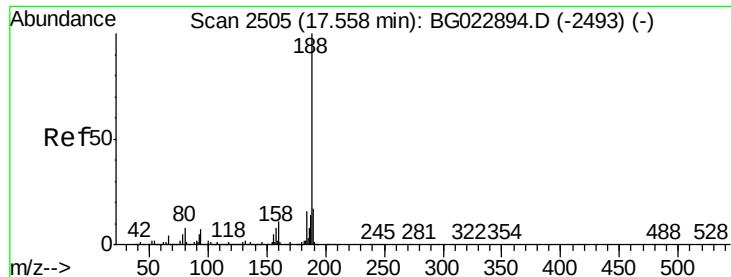
#44
 2-Fluorobiphenyl
 Concen: 82.91 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023038.D
 Acq: 12 Jul 2016 16:04

Tgt Ion:172 Resp: 2066444
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.8 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

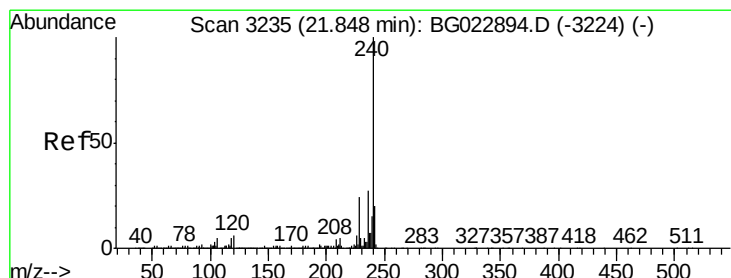
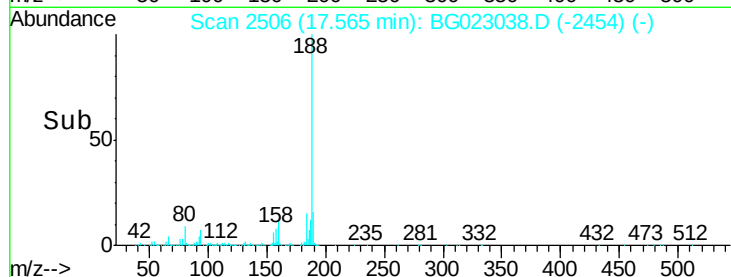
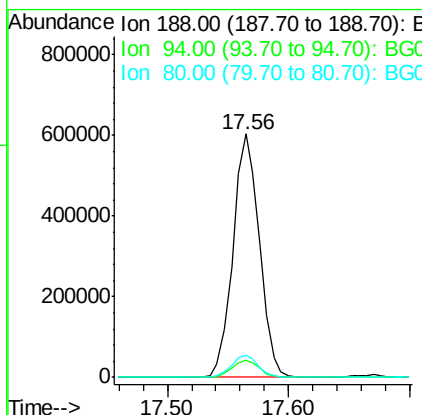
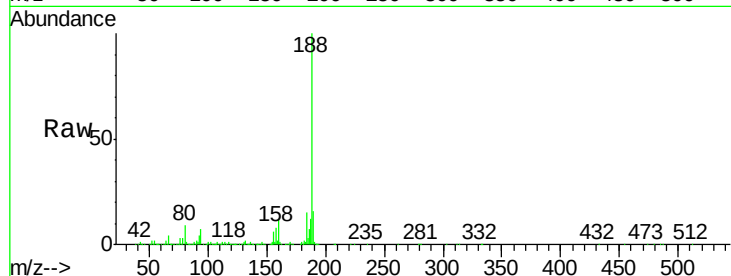




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023038.D
Acq: 12 Jul 2016 16:04

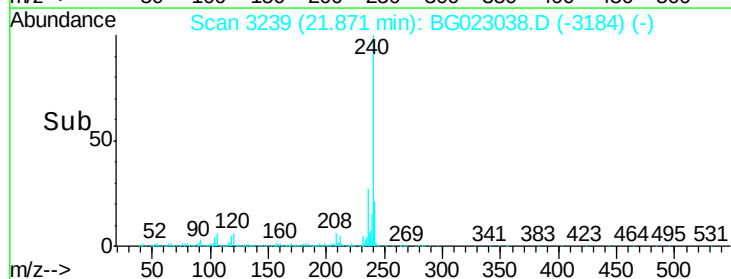
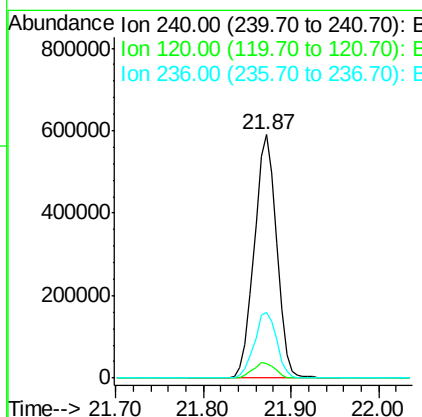
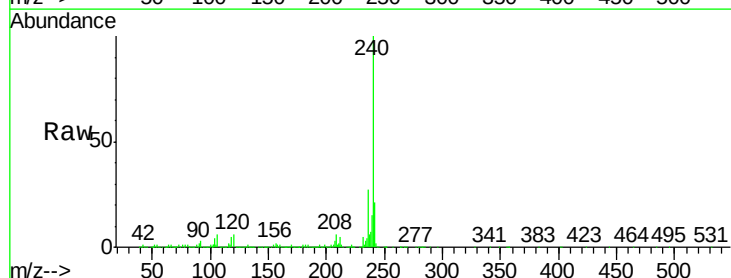
Instrument :
BNA_G
ClientSampleId :
PB92013BL

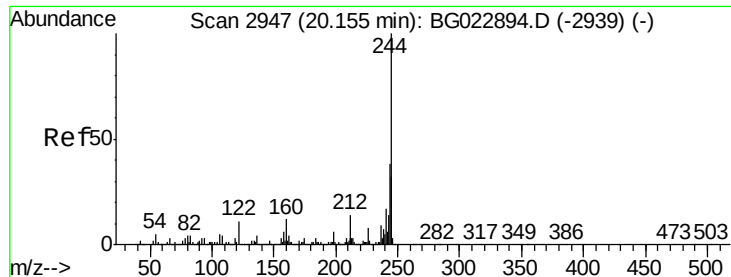
Tot Ion:188 Resp: 918249
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023038.D
Acq: 12 Jul 2016 16:04

Tgt Ion:240 Resp: 1024269
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 27.1 21.1 31.7





#78

Terphenyl-d14

Concen: 95.59 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023038.D

Acq: 12 Jul 2016 16:04

Instrument :

BNA_G

ClientSampleId :

PB92013BL

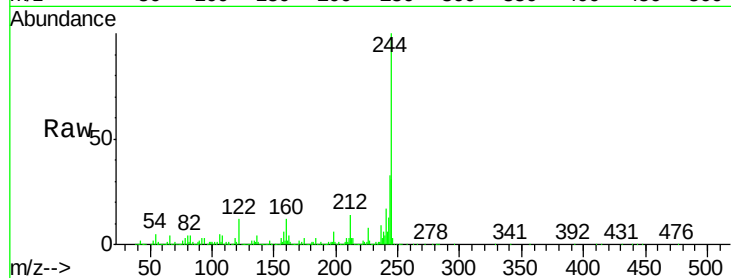
Tot Ion:244 Resp: 2944342

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

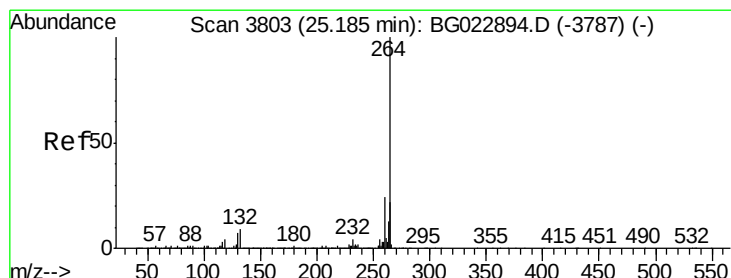
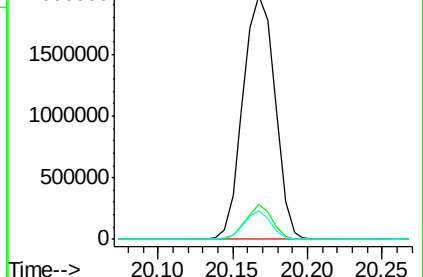
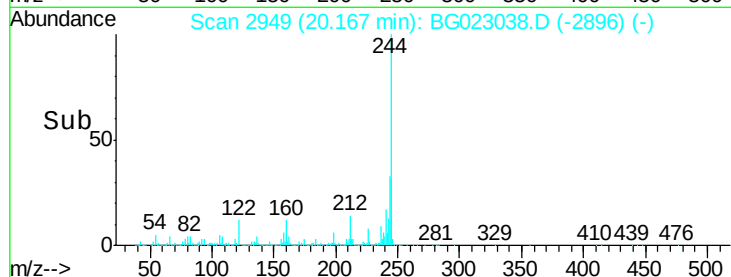
122 11.7 8.0 12.0



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: 25.26 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023038.D

Acq: 12 Jul 2016 16:04

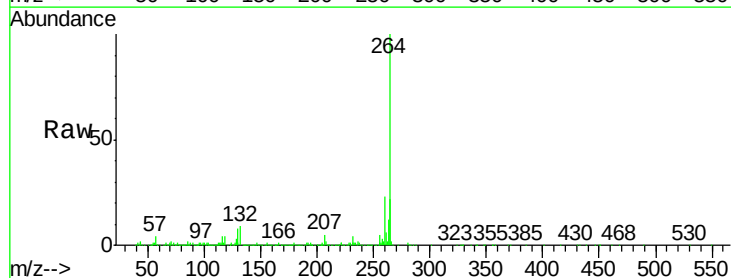
Tgt Ion:264 Resp: 1008166

Ion Ratio Lower Upper

264 100

260 22.6 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

