

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023181.D
 Acq On : 19 Jul 2016 18:13
 Operator : UM/SJ
 Sample : PB92266TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92266TB

Quant Time: Jul 20 01:11:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	92664	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	467805	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	379079	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	883426	20.00	ng	0.00
75) Chrysene-d12	21.87	240	905267	20.00	ng	-0.01
86) Perylene-d12	25.26	264	860540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	772253	136.30	ng	0.00
7) Phenol-d6	7.30	99	1238823	139.60	ng	0.00
23) Nitrobenzene-d5	9.31	82	904266	82.77	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	584422	85.78	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1901645	79.02	ng	0.00
78) Terphenyl-d14	20.16	244	2622696	96.92	ng	0.00

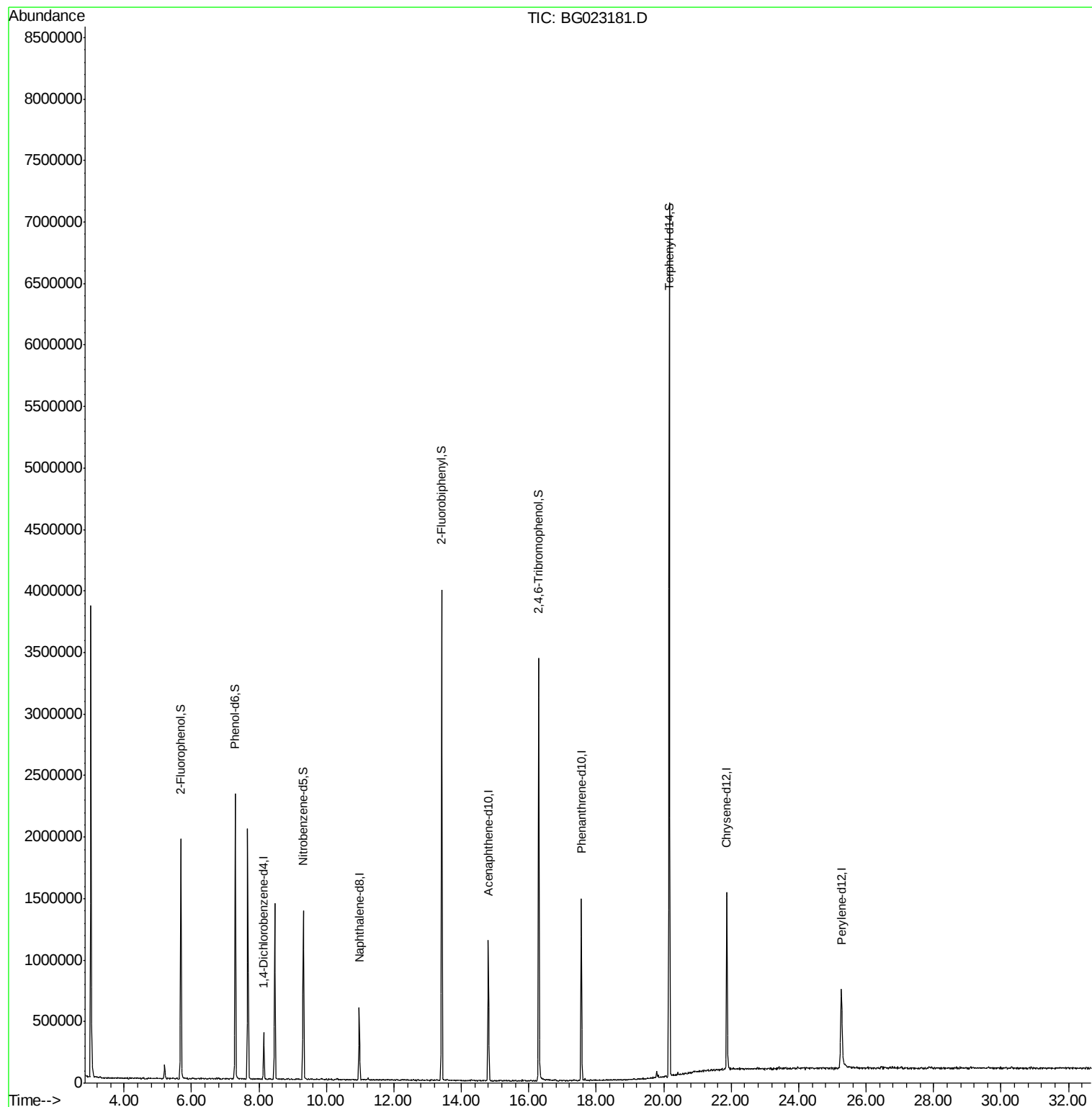
Target Compounds Qvalue

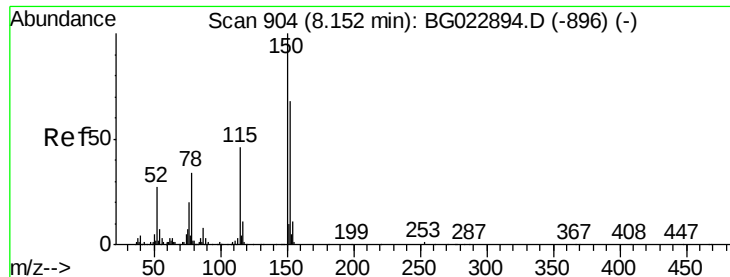
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023181.D
Acq On : 19 Jul 2016 18:13
Operator : UM/SJ
Sample : PB92266TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92266TB

Quant Time: Jul 20 01:11:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration



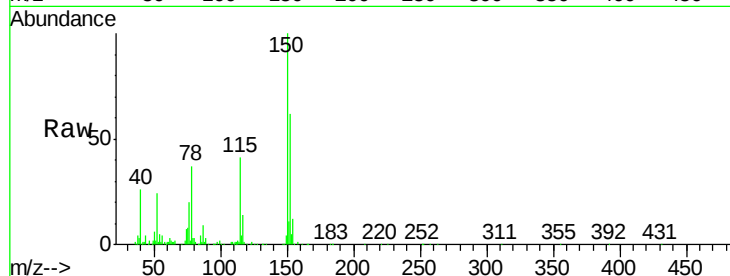


#1

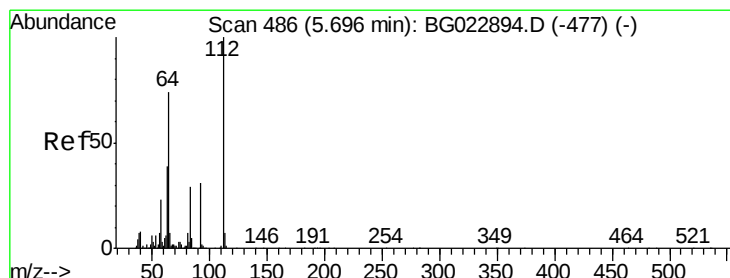
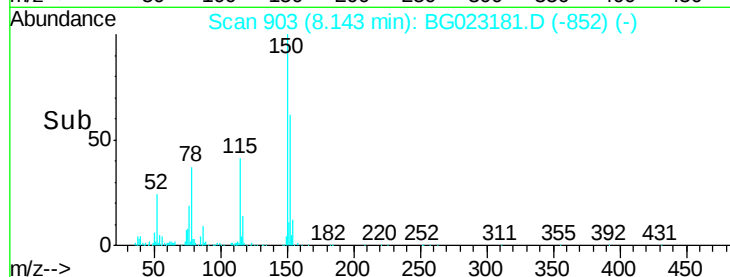
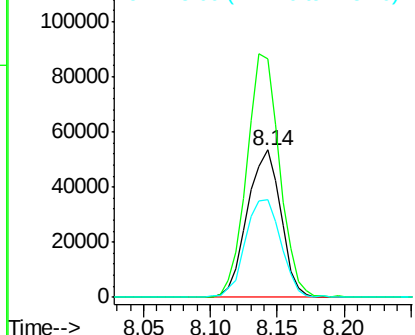
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Instrument :
BNA_G
ClientSampleId :
PB92266TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	144.7	217.1
115	66.1	64.0	96.0



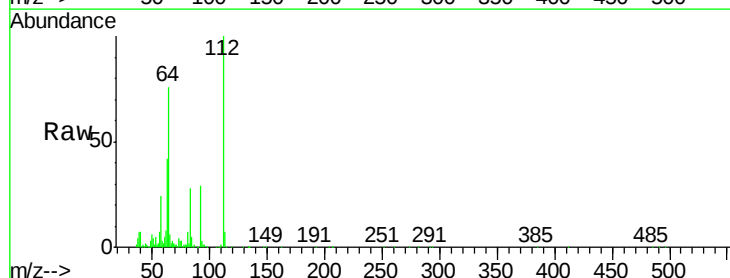
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



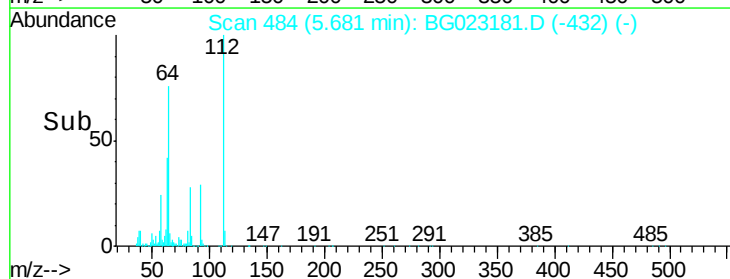
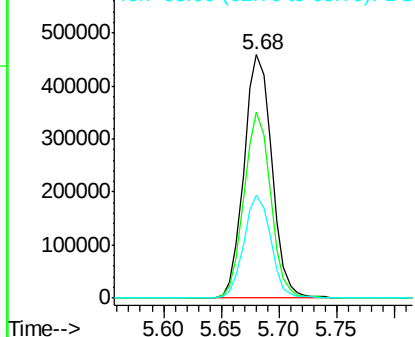
#5

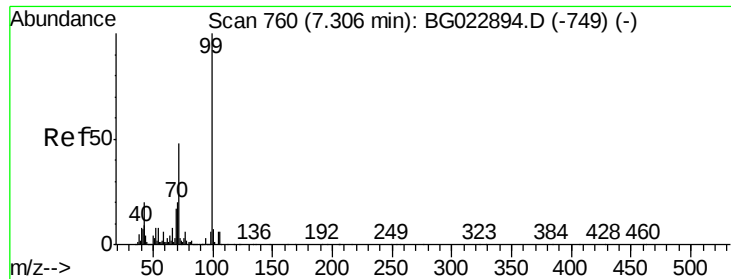
2-Fluorophenol
Concen: 136.30 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.2	59.0	88.4
63	42.5	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: 139.60 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Instrument :

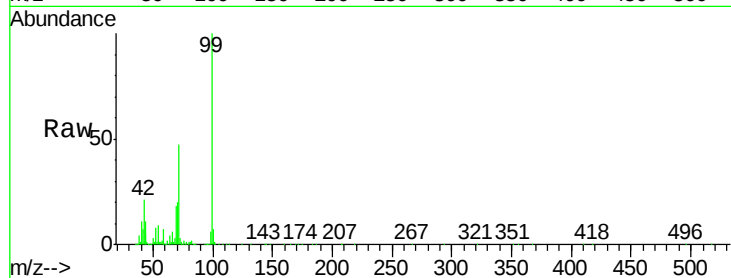
BNA_G

ClientSampleId :

PB92266TB

Tot Ion: 99 Resp: 1238823

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	47.2	41.5	62.3

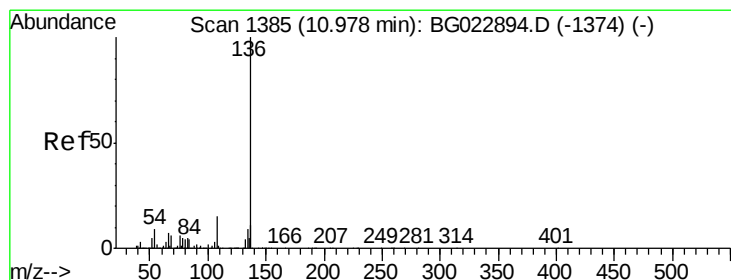
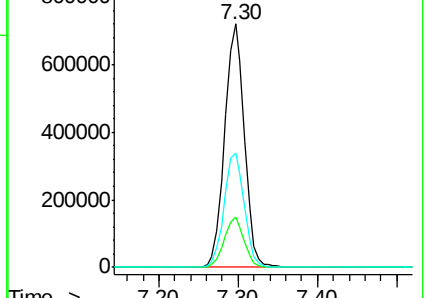
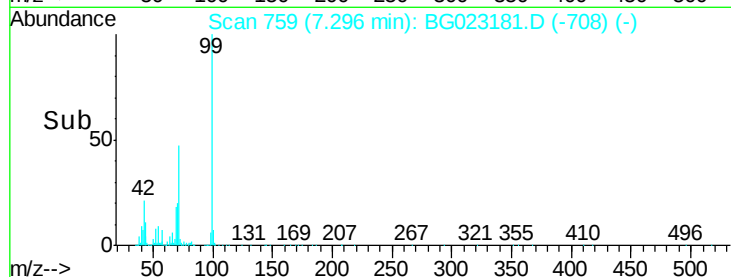


Abundance

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: 10.97 min Scan# 1385

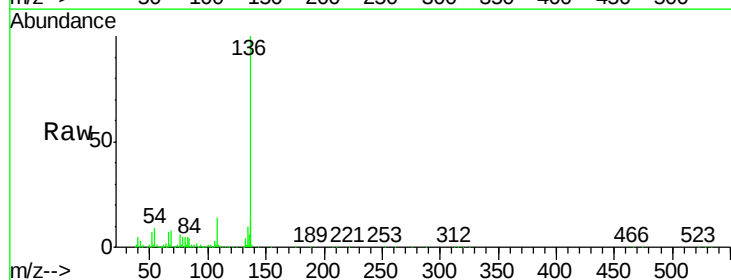
Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Tgt Ion: 136 Resp: 467805

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.7	7.3	10.9
68	8.1	5.3	7.9#



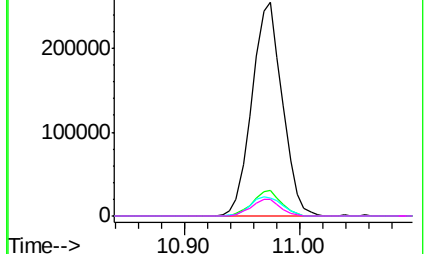
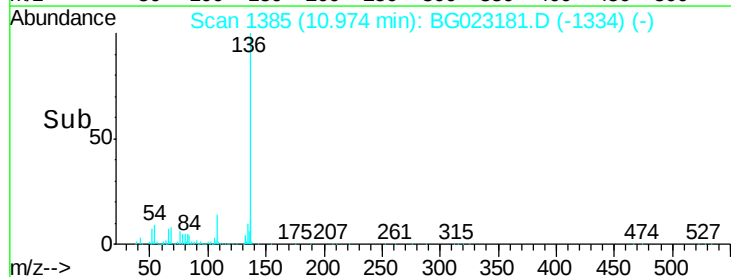
Abundance

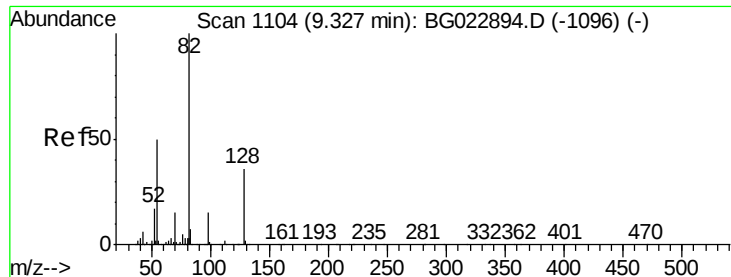
Ion 136.00 (135.70 to 136.70): BGC

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

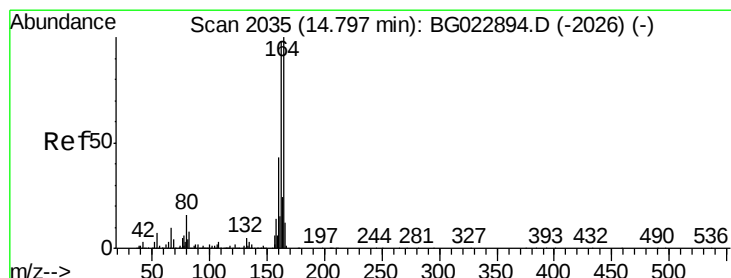
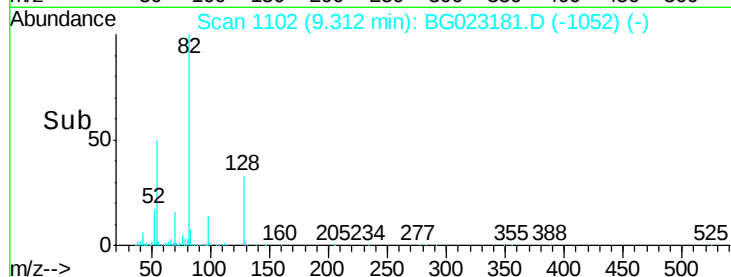
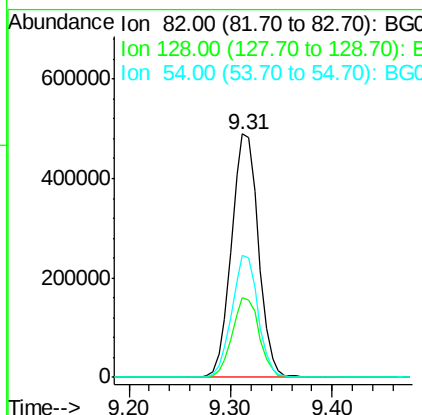
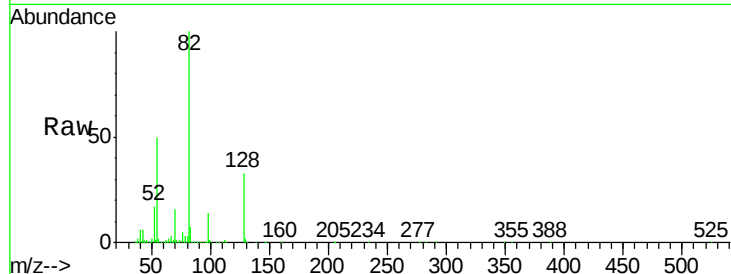




#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

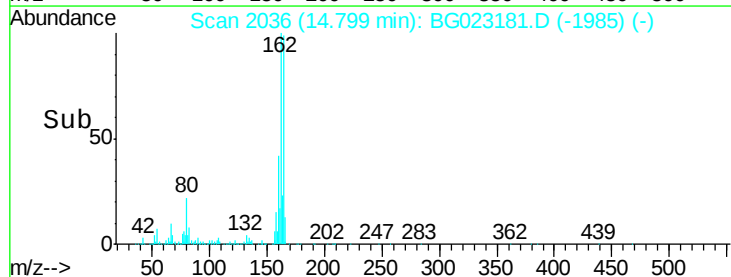
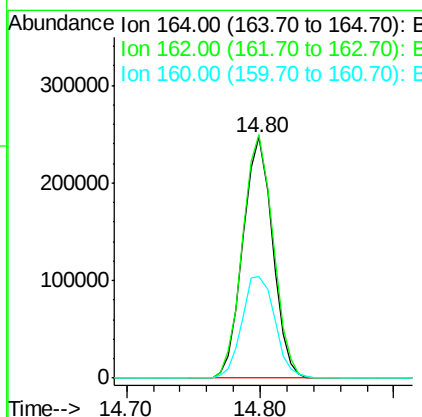
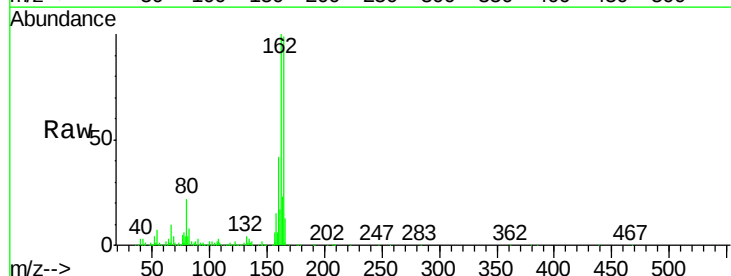
Instrument :
 BNA_G
 ClientSampleId :
 PB92266TB

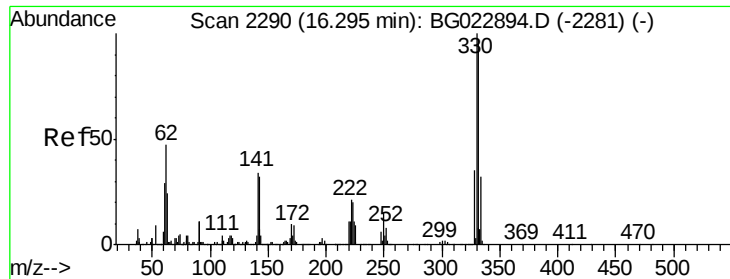
Tot Ion	82	Resp	904266
Ion Ratio	Lower	Upper	
82	100		
128	32.5	24.4	36.6
54	50.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

Tgt Ion	164	Resp	379079
Ion Ratio	Lower	Upper	
164	100		
162	101.2	87.7	131.5
160	42.4	37.2	55.8

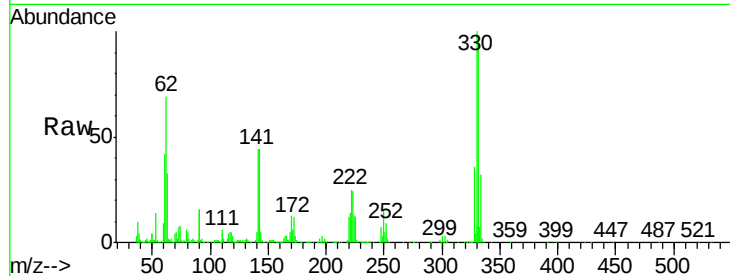




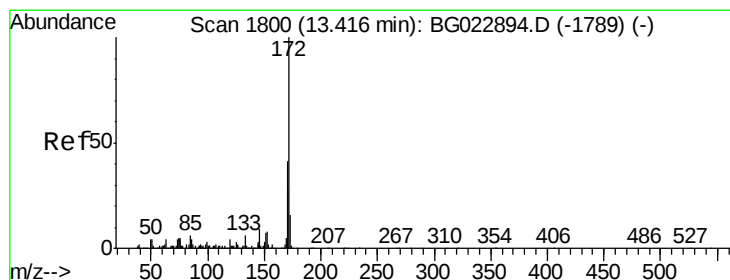
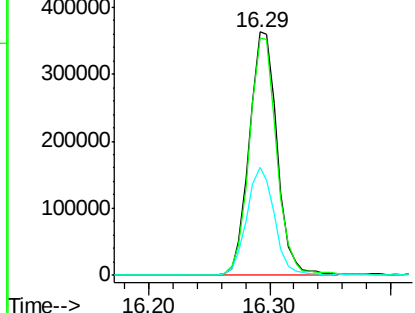
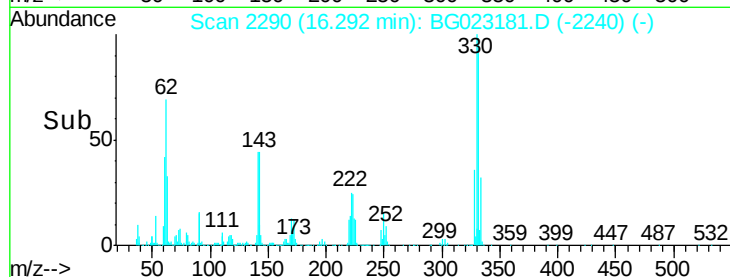
#41
 2,4,6-Tribromophenol
 Concen: 85.78 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB92266TB

Tot Ion:330 Resp: 584422
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 44.2 31.7 47.5

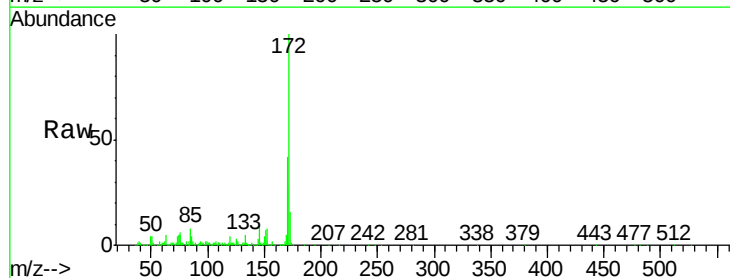


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

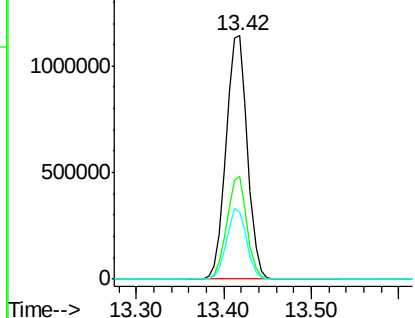
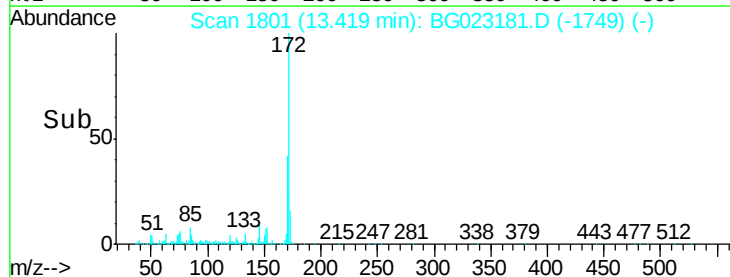


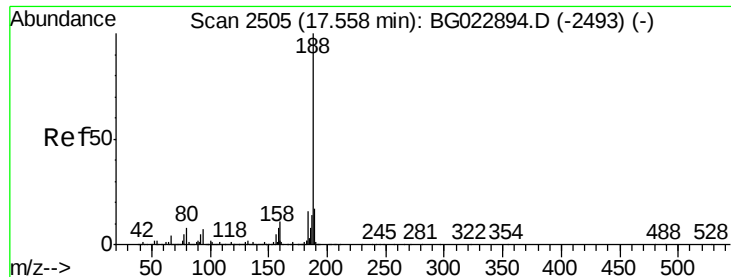
#44
 2-Fluorobiphenyl
 Concen: 79.02 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

Tgt Ion:172 Resp: 1901645
 Ion Ratio Lower Upper
 172 100
 171 42.2 31.6 47.4
 170 27.3 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

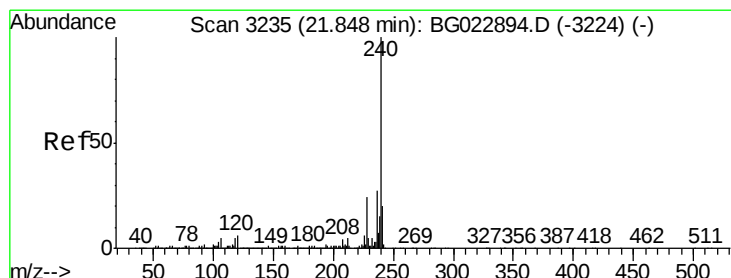
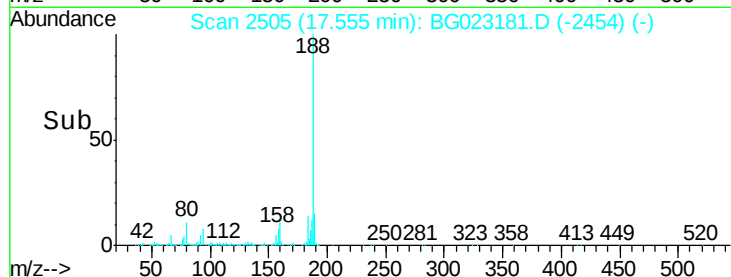
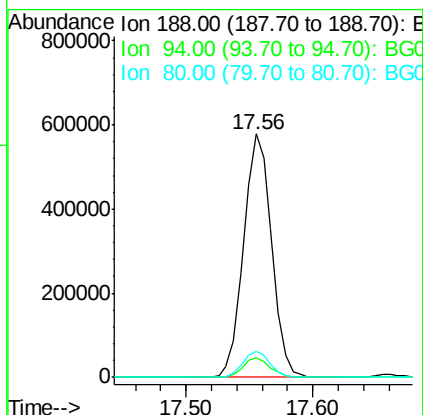
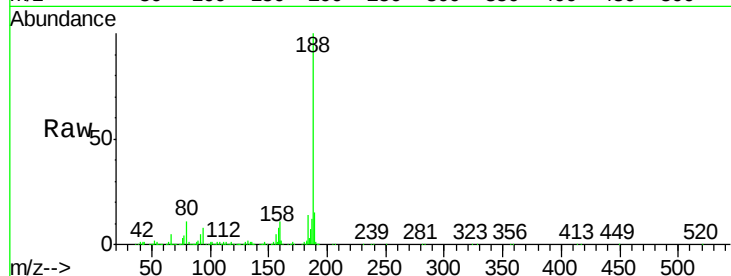




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

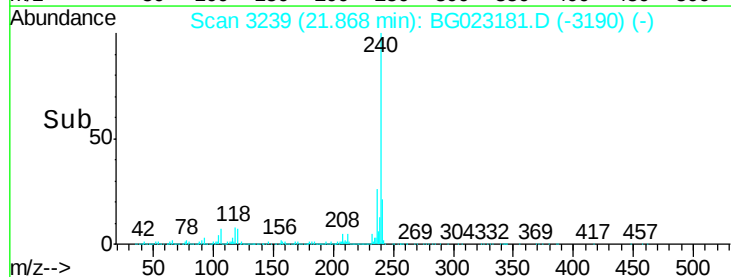
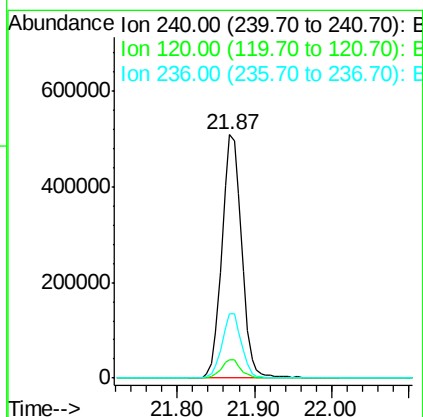
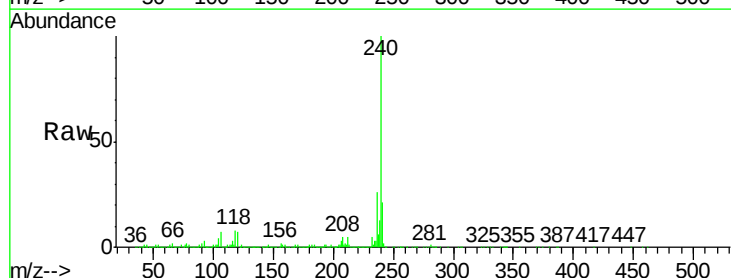
Instrument :
BNA_G
ClientSampleId :
PB92266TB

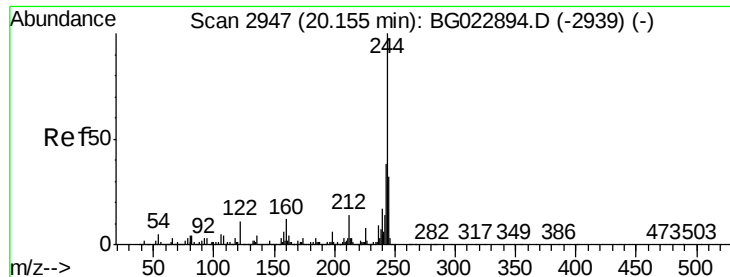
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.9	7.2	10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	26.3	21.1	31.7





#78

Terphenyl-d14

Concen: 96.92 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Instrument :

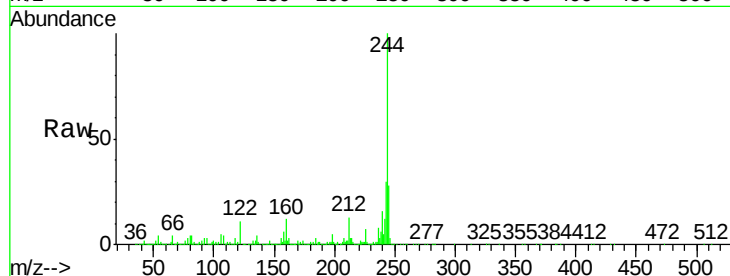
BNA_G

ClientSampleId :

PB92266TB

Tot Ion:244 Resp: 2622696

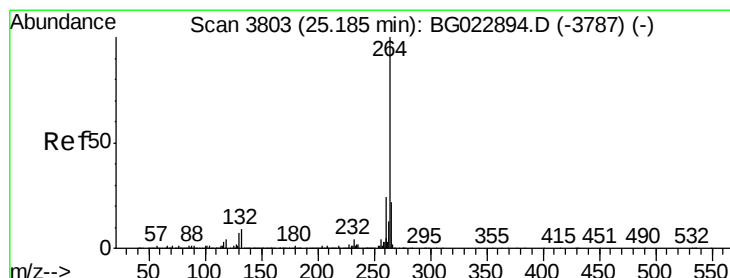
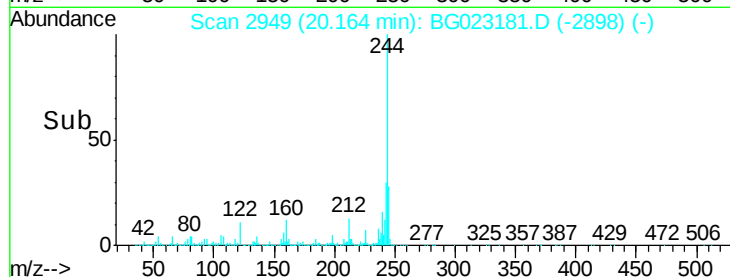
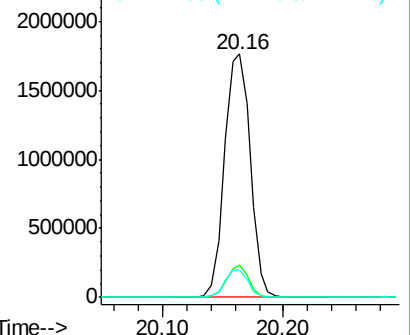
Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	11.4	8.0	12.0



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# 3817

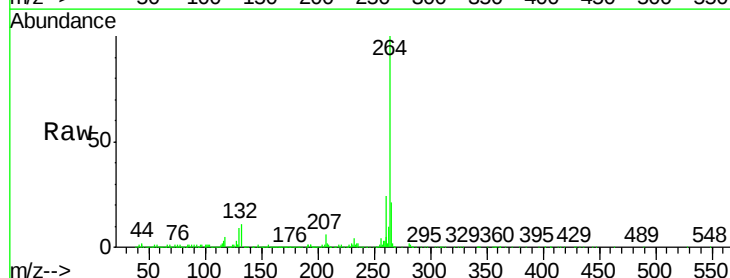
Delta R.T. -0.01 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Tgt Ion:264 Resp: 860540

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	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

