

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023007.D
 Acq On : 11 Jul 2016 19:18
 Operator : UM/SJ
 Sample : PB92009BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

Quant Time: Jul 12 04:16:22 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	105580	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	511810	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	408722	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	941593	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1043704	20.00	ng	0.02
86) Perylene-d12	25.24	264	1025152	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	890466	137.94	ng	0.00
7) Phenol-d6	7.31	99	1389820	137.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	1007718	84.31	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	793042	107.96	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2147808	82.77	ng	0.00
78) Terphenyl-d14	20.16	244	3056905	98.82	ng	0.00

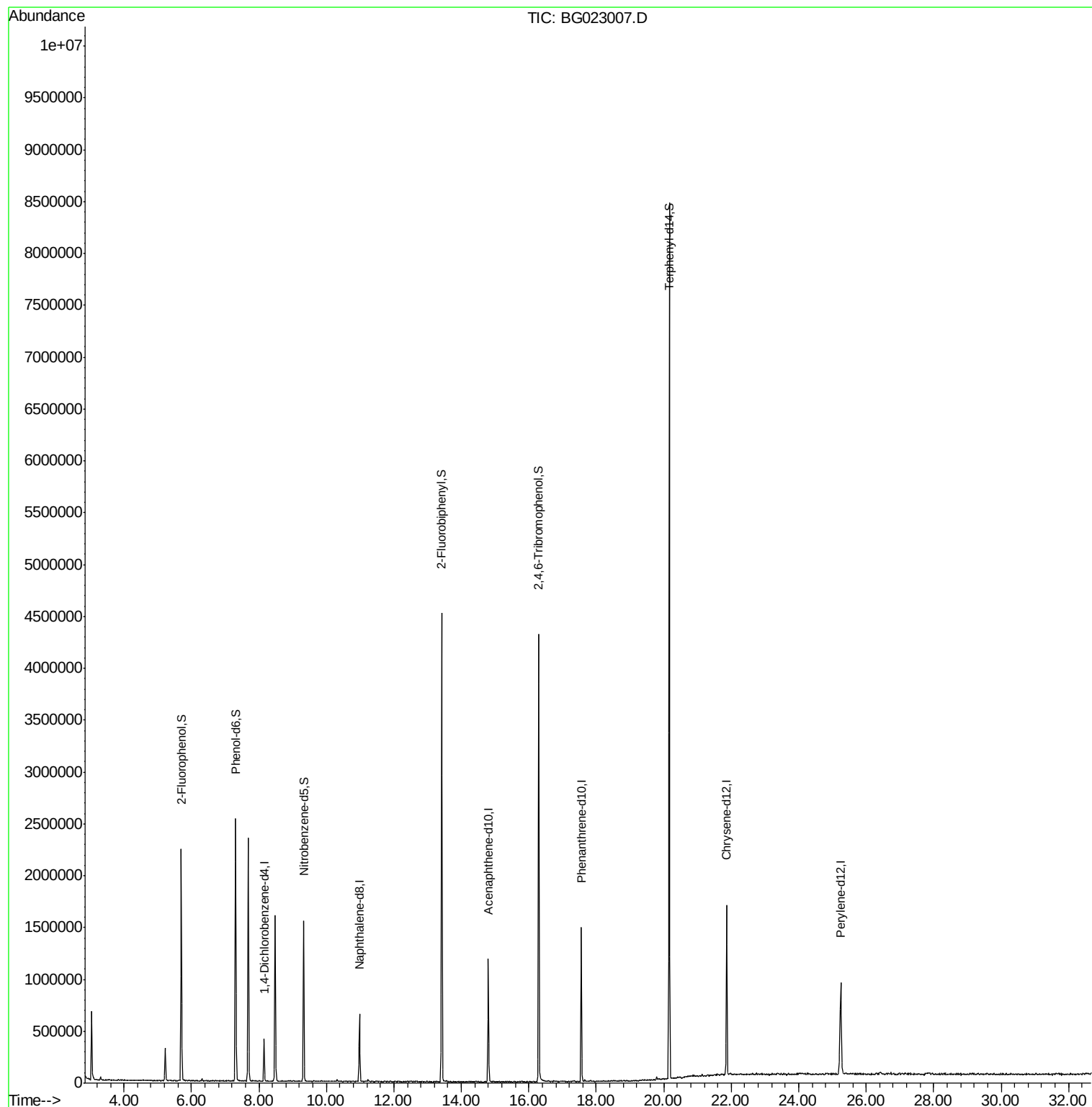
Target Compounds Qvalue

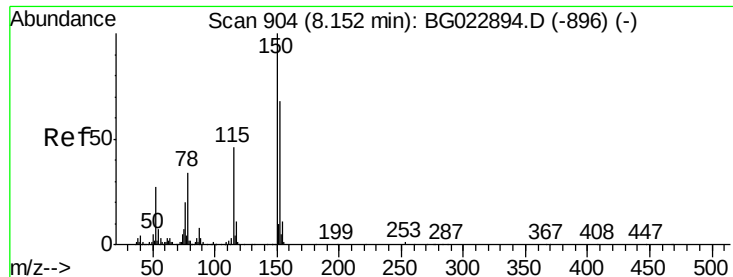
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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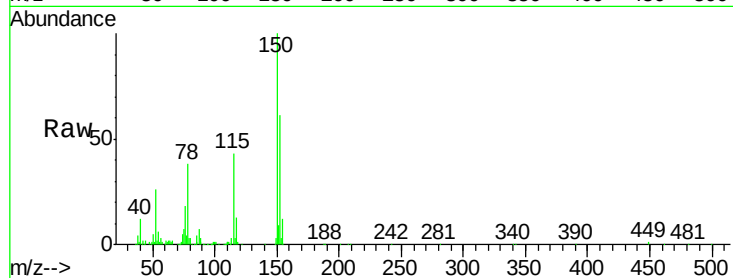


#1

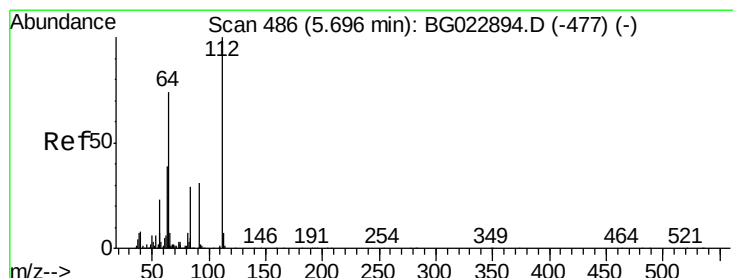
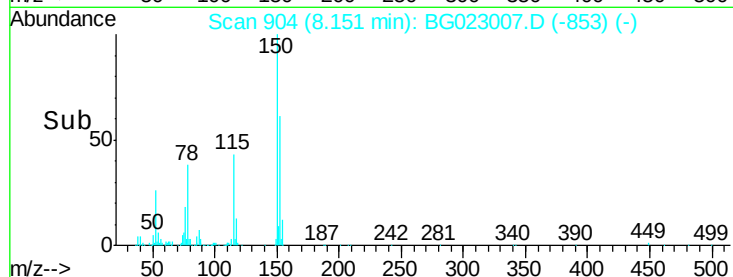
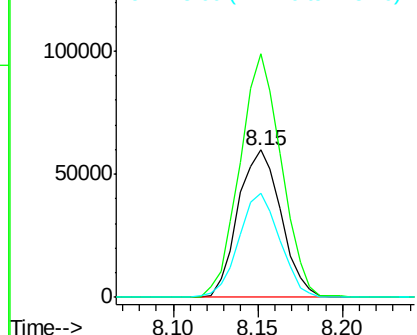
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB92009BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.0	144.7	217.1
115	70.3	64.0	96.0



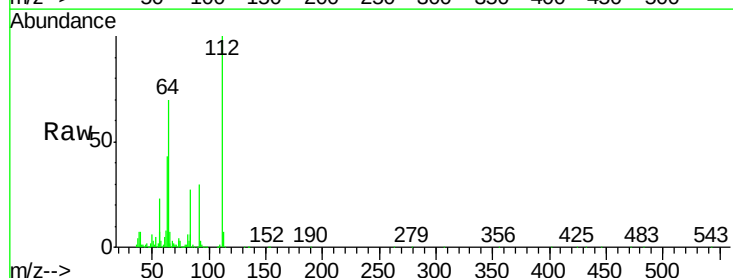
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



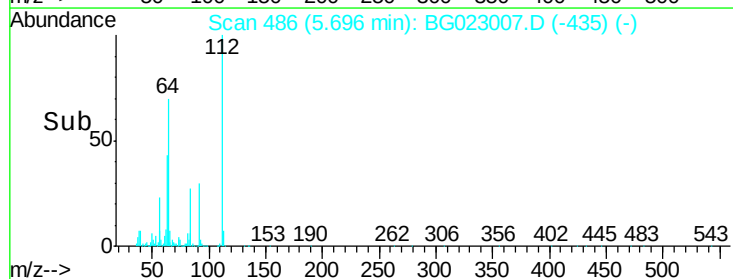
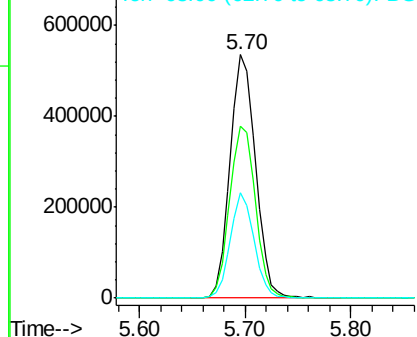
#5

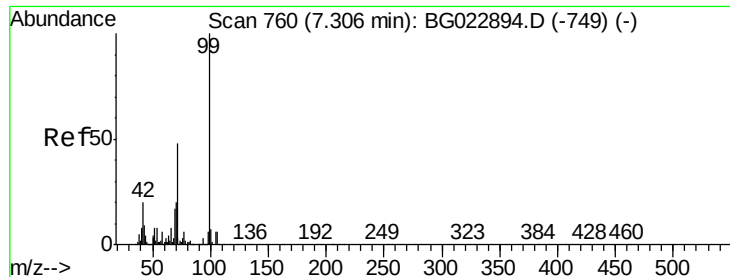
2-Fluorophenol
Concen: 137.94 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	43.5	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: 137.46 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampled :

PB92009BL

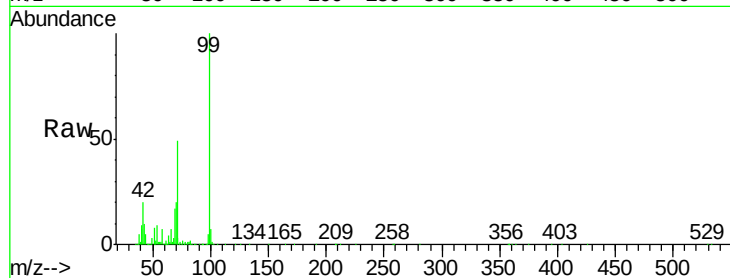
Tot Ion: 99 Resp: 1389820

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	49.3	41.5	62.3

99 100

42 20.4 17.8 26.6

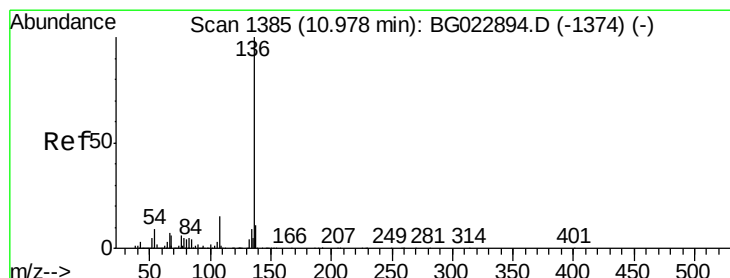
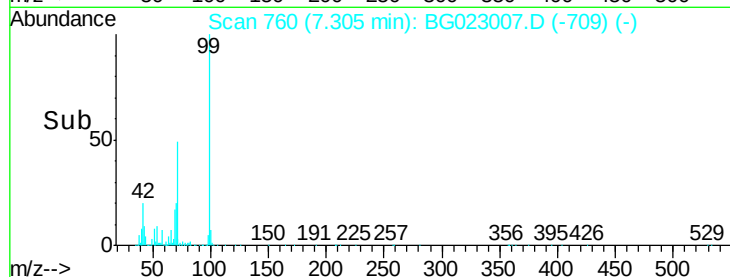
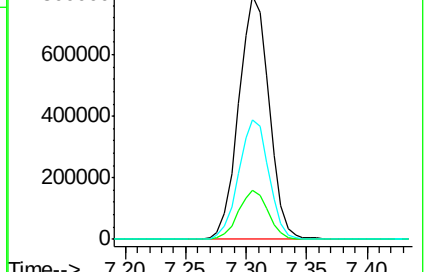
71 49.3 41.5 62.3



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# 1385

Delta R.T. -0.00 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Tgt Ion: 136 Resp: 511810

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.7	7.3	10.9
68	6.1	5.3	7.9

136 100

137 11.1 9.6 14.4

54 10.7 7.3 10.9

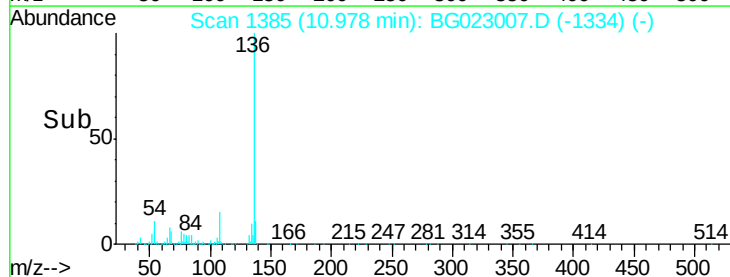
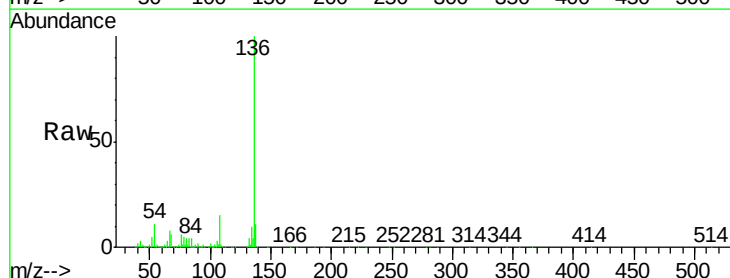
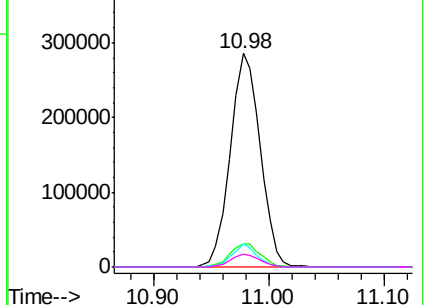
68 6.1 5.3 7.9

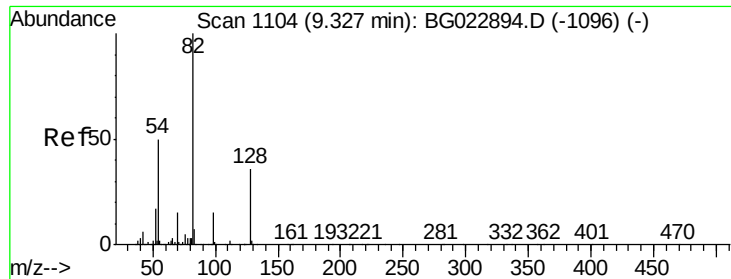
Abundance Ion 136.00 (135.70 to 136.70): BGC

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



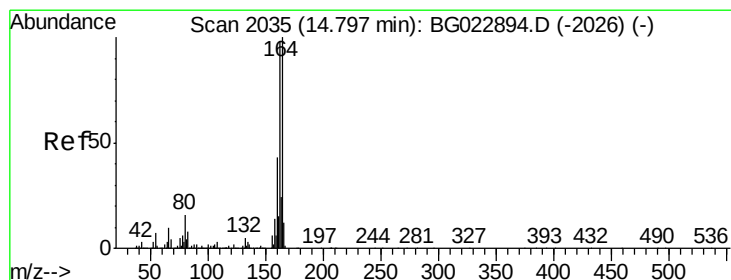
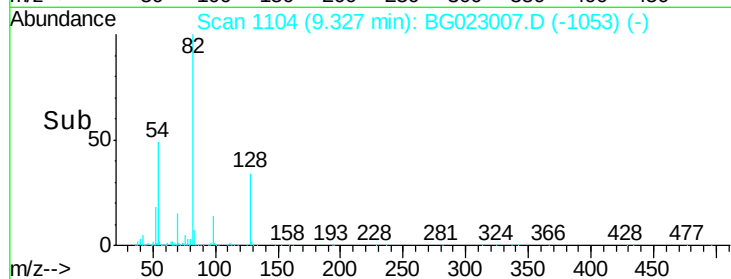
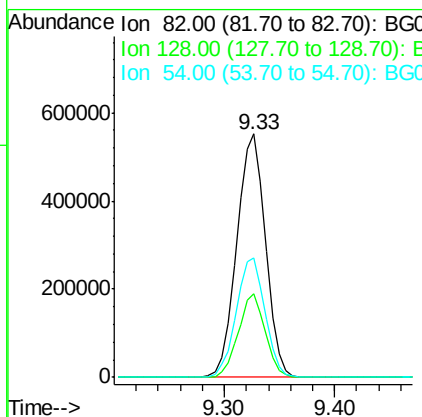
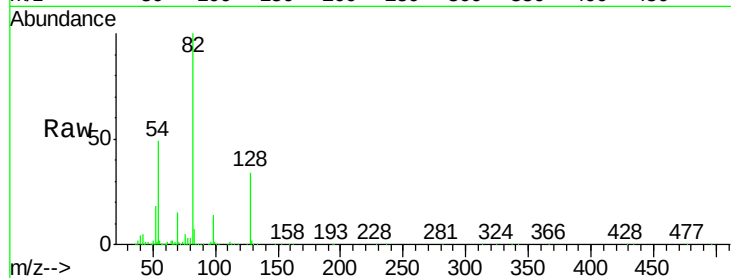


#23
 Nitrobenzene-d5
 Concen: 84.31 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

Instrument :
 BNA_G
 ClientSampleID :
 PB92009BL

Tot Ion: 82 Resp: 1007718

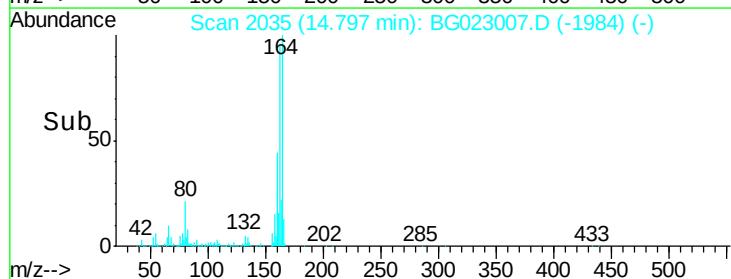
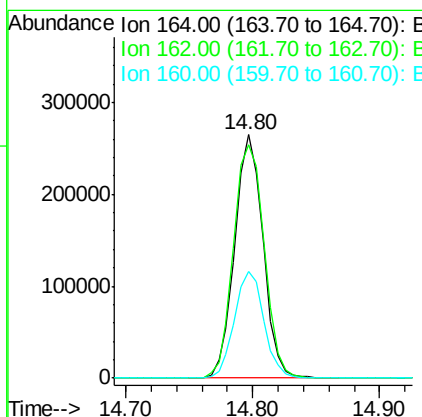
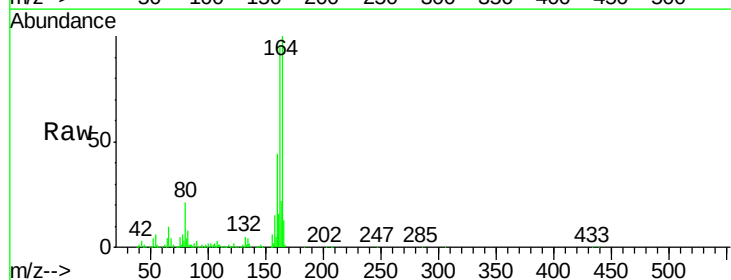
Ion	Ratio	Lower	Upper
82	100		
128	34.3	24.4	36.6
54	49.2	41.4	62.0

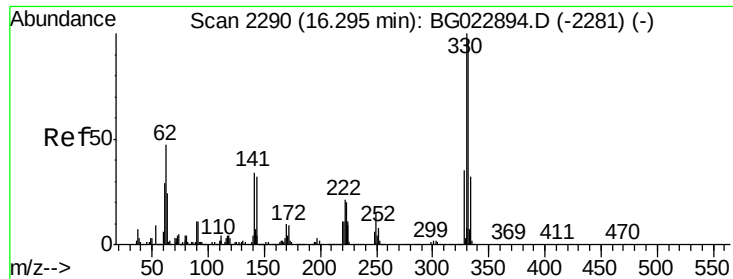


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

Tgt Ion: 164 Resp: 408722

Ion	Ratio	Lower	Upper
164	100		
162	96.0	87.7	131.5
160	43.6	37.2	55.8

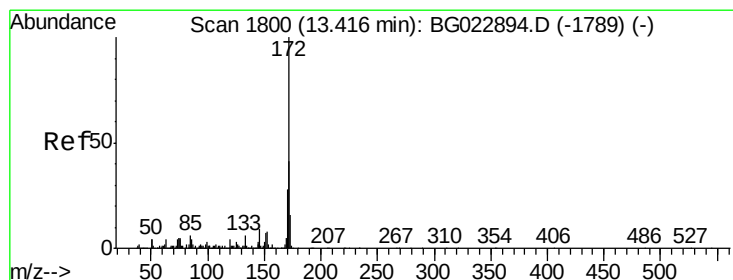
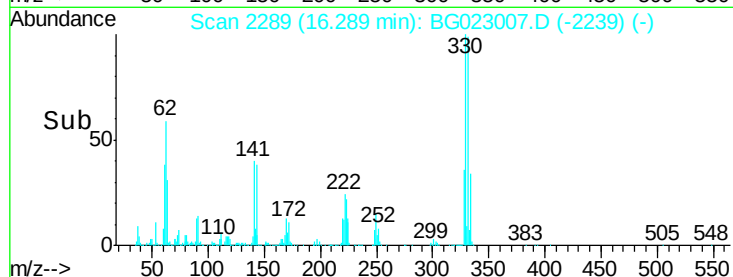
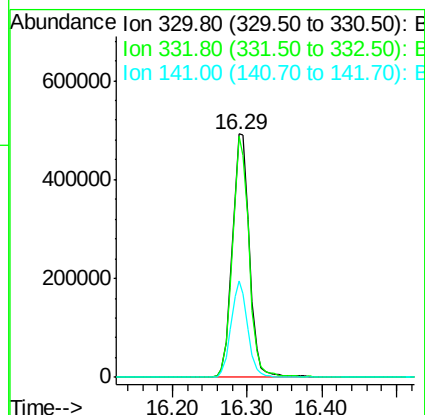
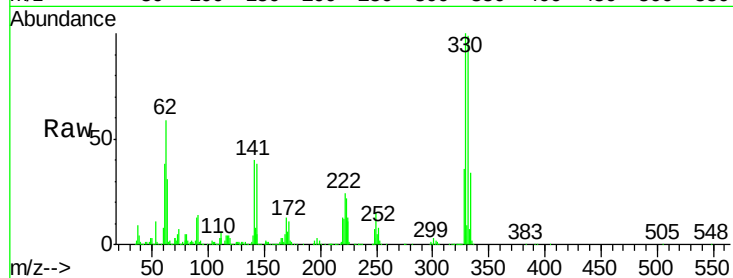




#41
 2,4,6-Tribromophenol
 Concen: 107.96 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

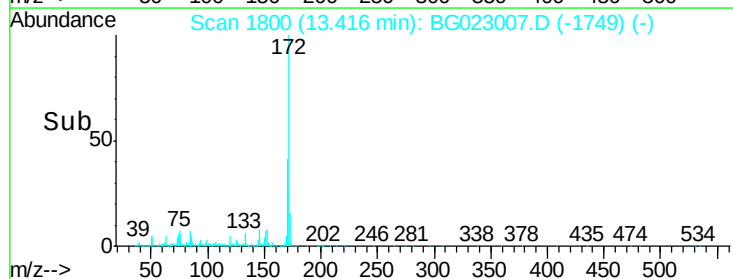
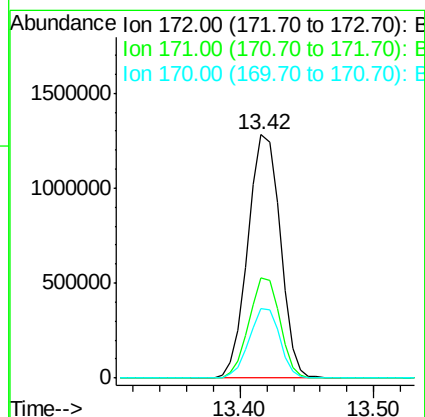
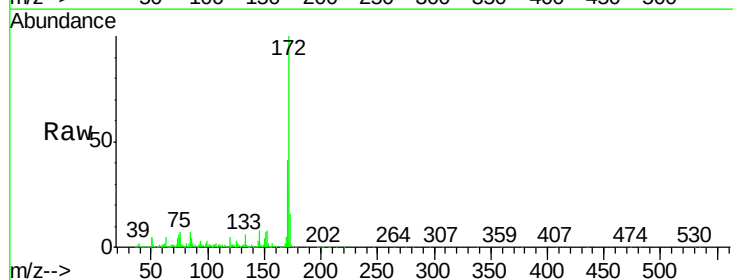
Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

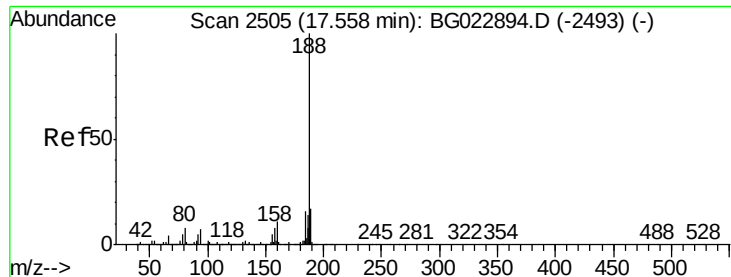
Tot Ion:330 Resp: 793042
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 38.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 82.77 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

Tgt Ion:172 Resp: 2147808
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 28.8 21.3 31.9

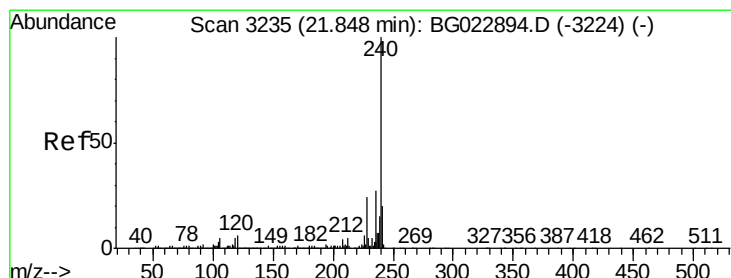
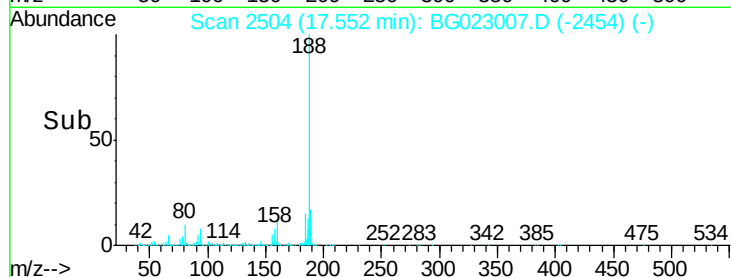
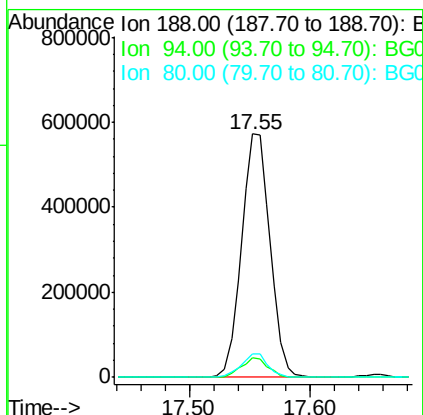
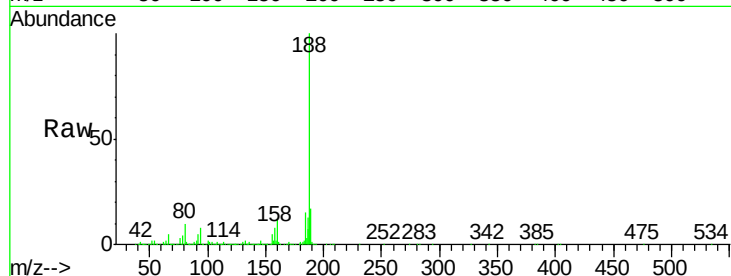




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

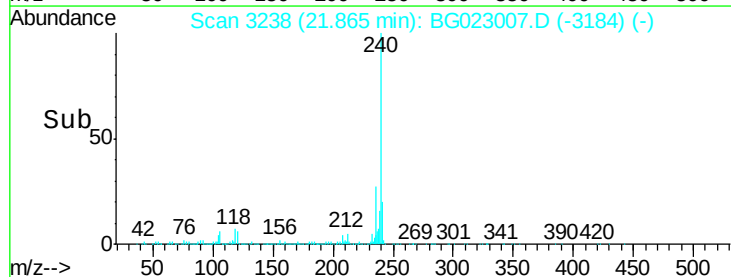
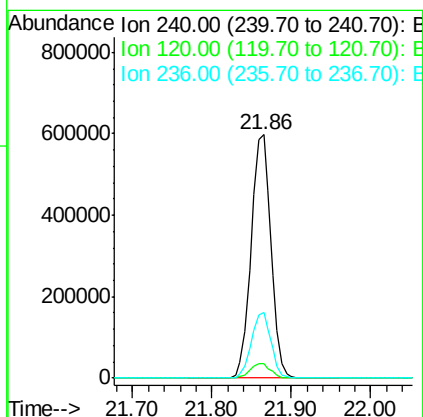
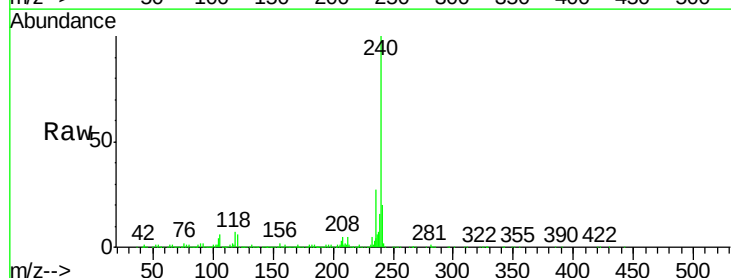
Instrument :
BNA_G
ClientSampleId :
PB92009BL

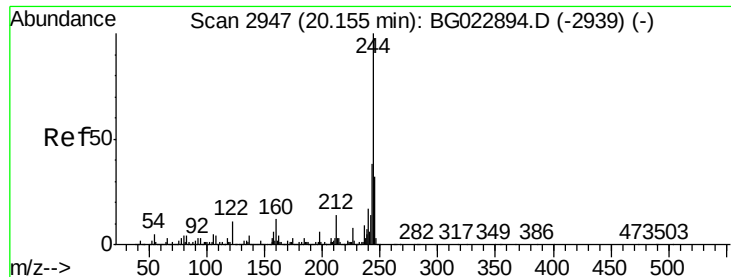
Tot Ion:188 Resp: 941593
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 9.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

Tgt Ion:240 Resp: 1043704
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 98.82 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92009BL

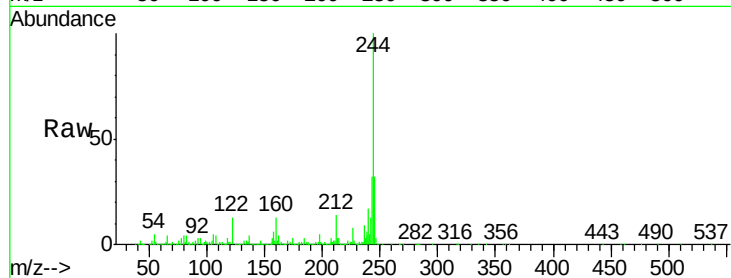
Tot Ion:244 Resp: 3056905

Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

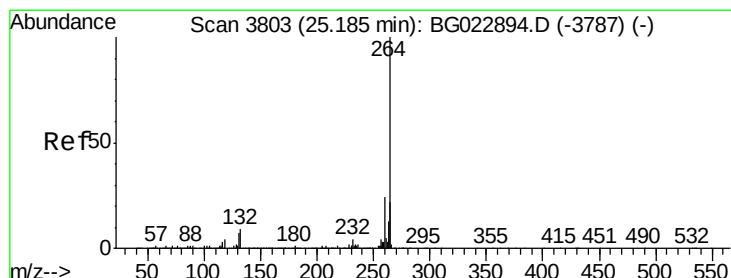
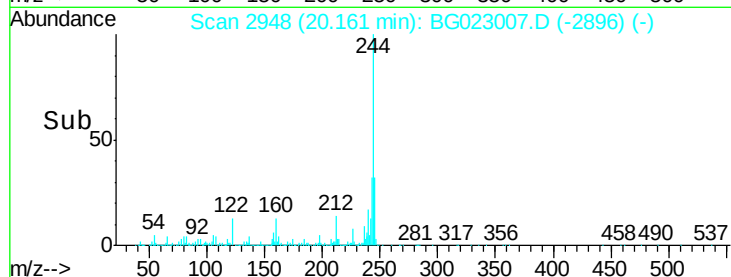
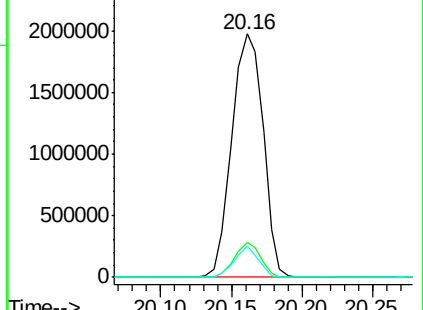
122 12.7 8.0 12.0#



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: 25.24 min Scan# 3812

Delta R.T. 0.05 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

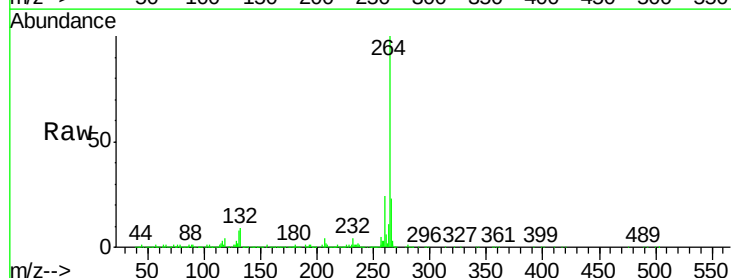
Tgt Ion:264 Resp: 1025152

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.7 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

