

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023095.D
 Acq On : 14 Jul 2016 10:51
 Operator : UM/SJ
 Sample : PB92086BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BL

Quant Time: Jul 14 17:56:54 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	8.16	152	98097	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	462962	20.00	ng	0.02
38) Acenaphthene-d10	14.81	164	372097	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	915481	20.00	ng	0.00
75) Chrysene-d12	21.86	240	966490	20.00	ng	0.02
86) Perylene-d12	25.24	264	942782	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	848638	141.49	ng	0.01
7) Phenol-d6	7.32	99	1332206	141.81	ng	0.00
23) Nitrobenzene-d5	9.34	82	945880	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	732171	109.48	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2027181	85.81	ng	0.00
78) Terphenyl-d14	20.16	244	2971220	108.23	ng	0.00

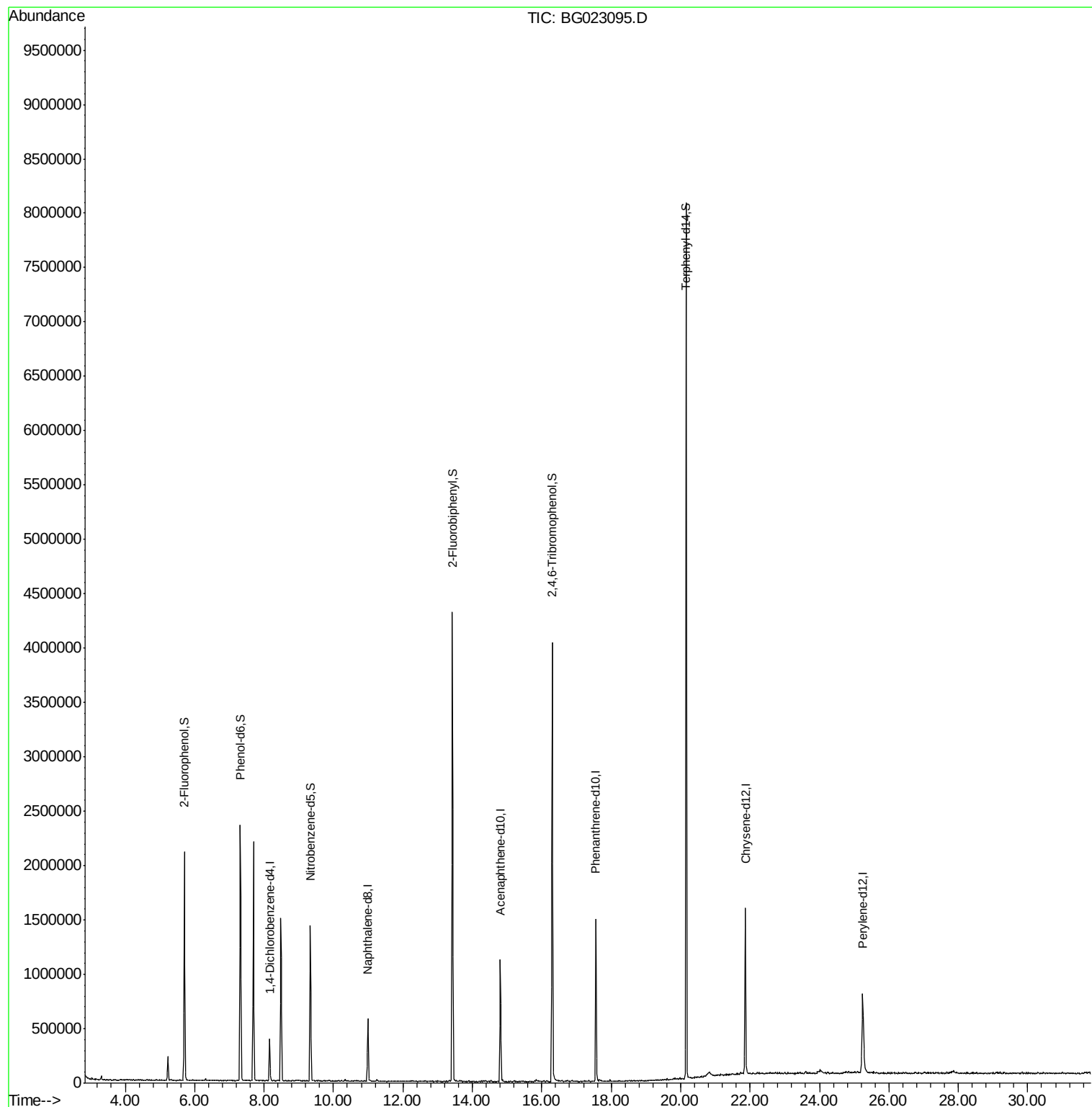
Target Compounds Qvalue

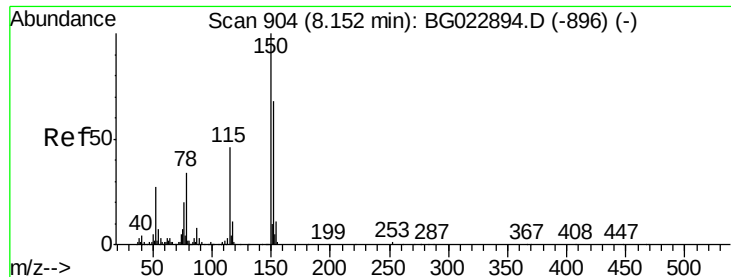
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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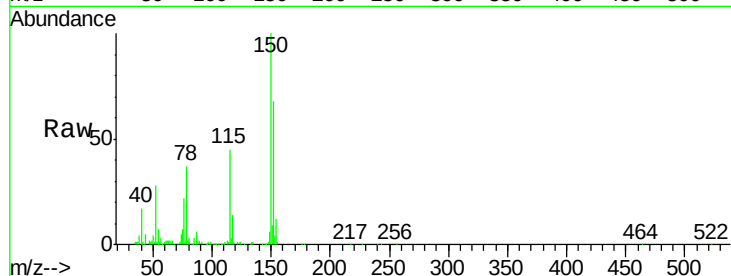


#1

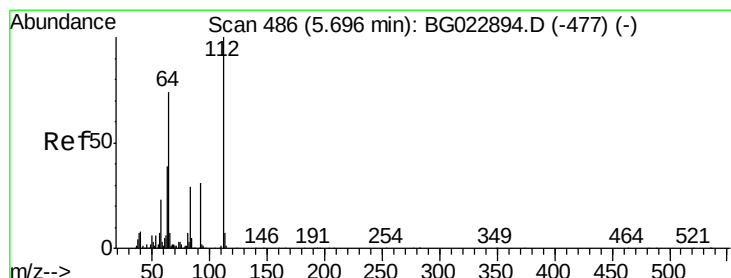
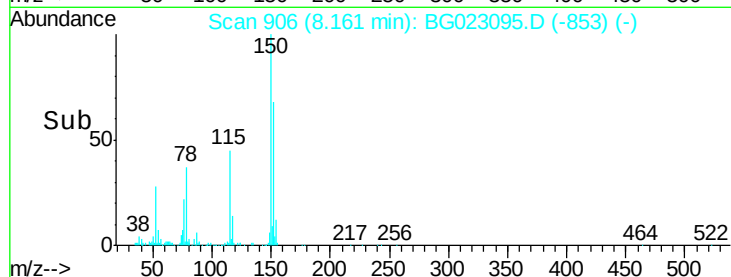
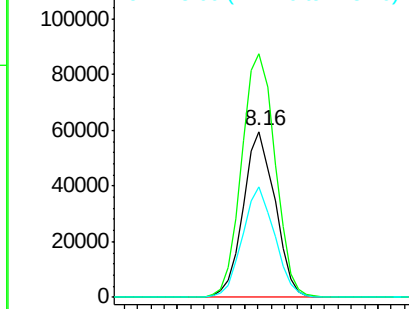
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Instrument :
BNA_G
ClientSampleId :
PB92086BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	144.7	217.1
115	66.4	64.0	96.0



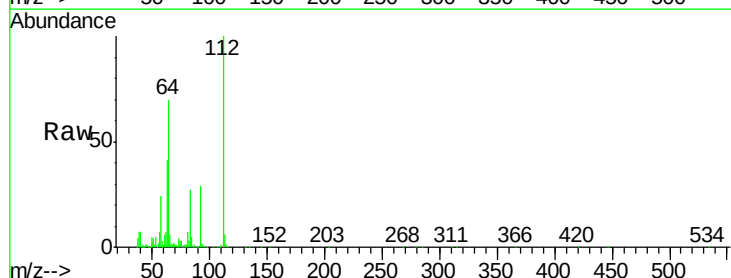
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



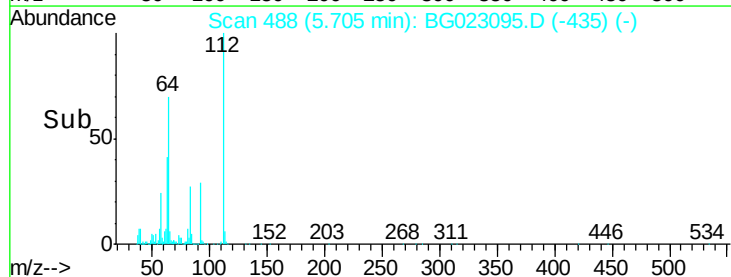
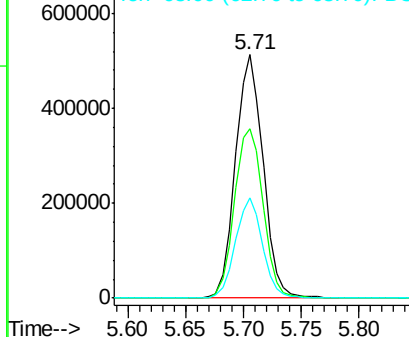
#5

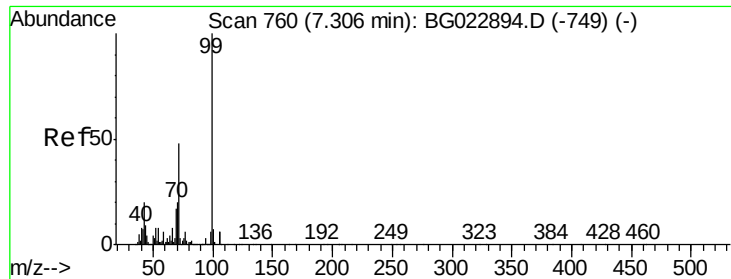
2-Fluorophenol
Concen: 141.49 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.01 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	59.0	88.4
63	41.1	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: 141.81 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Instrument :

BNA_G

ClientSampleId :

PB92086BL

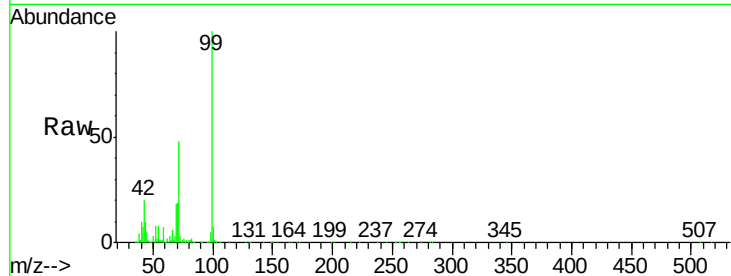
Tot Ion: 99 Resp: 1332206

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	48.1	41.5	62.3

99 100

42 19.9 17.8 26.6

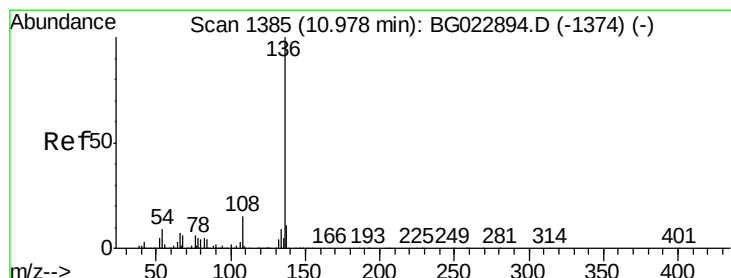
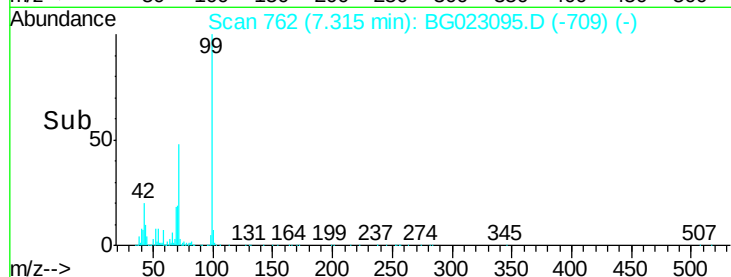
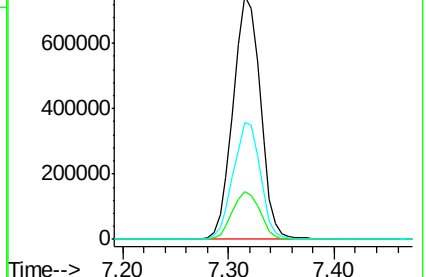
71 48.1 41.5 62.3



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: 10.99 min Scan# 1388

Delta R.T. 0.02 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Tgt Ion: 136 Resp: 462962

Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.6	14.4#
54	9.2	7.3	10.9
68	6.2	5.3	7.9

136 100

137 9.3 9.6 14.4#

54 9.2 7.3 10.9

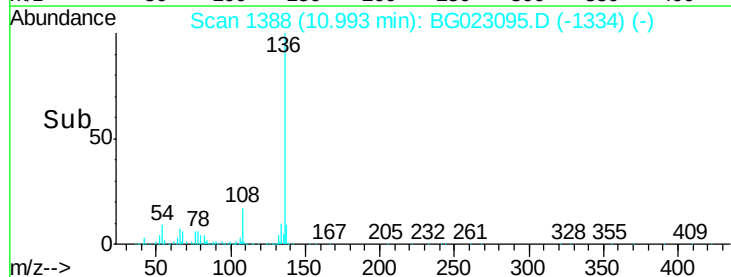
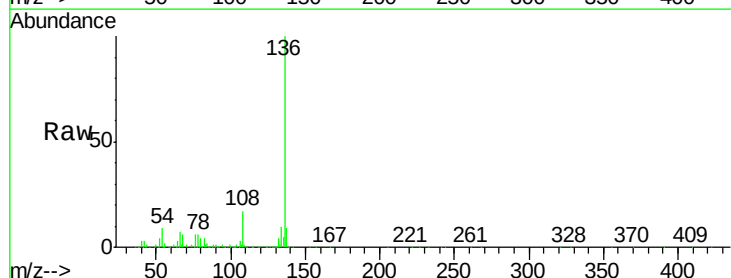
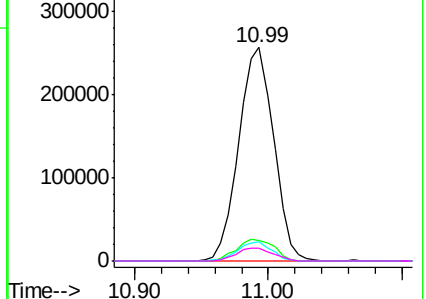
68 6.2 5.3 7.9

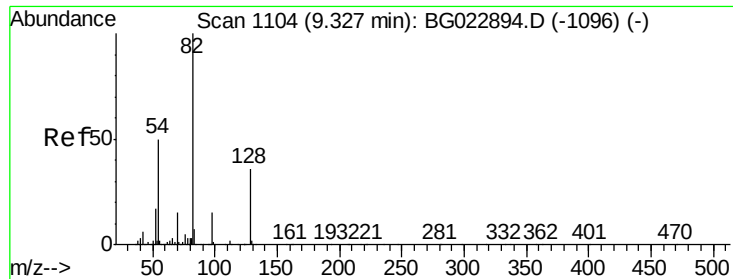
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

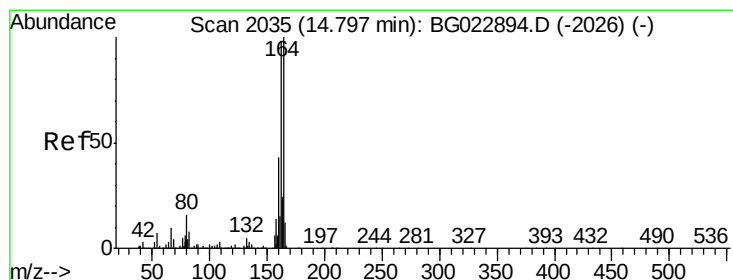
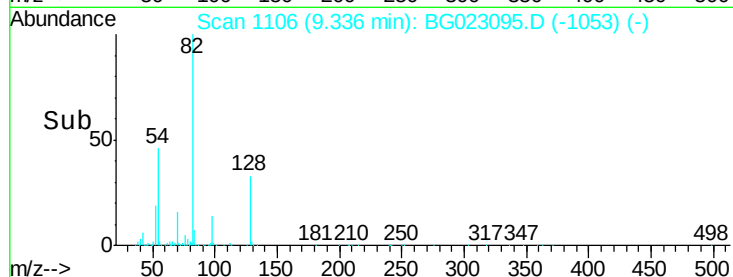
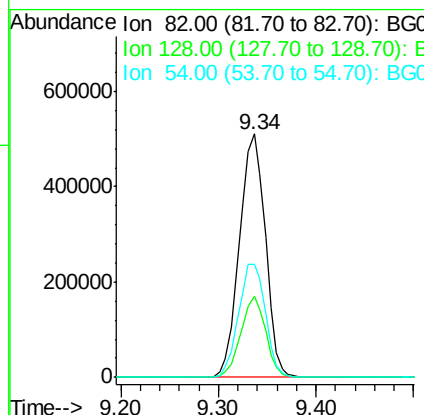
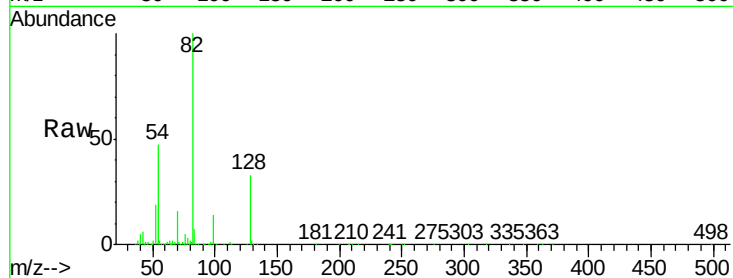




#23
Nitrobenzene-d5
Concen: 87.48 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

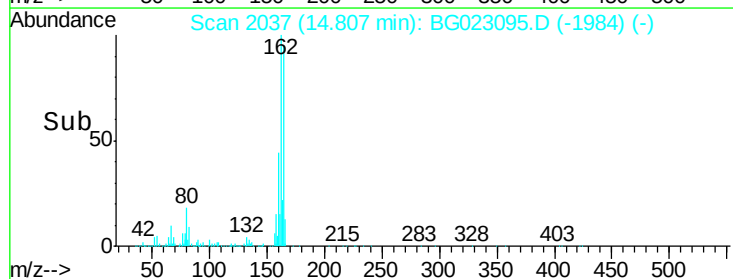
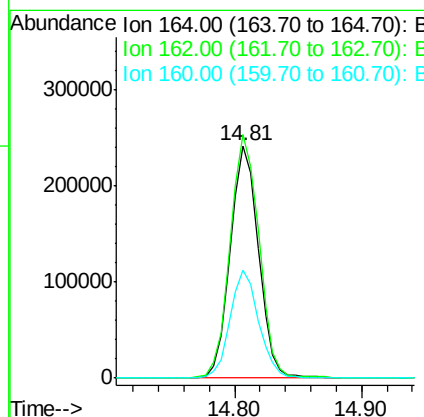
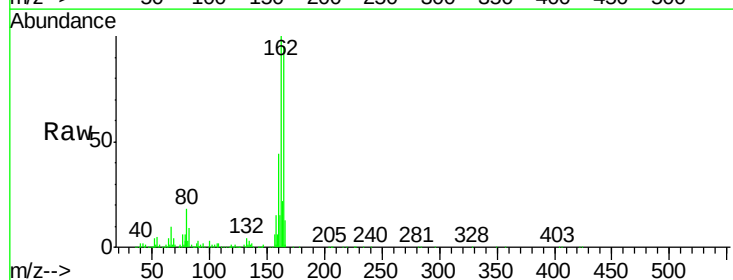
Instrument :
BNA_G
ClientSampleId :
PB92086BL

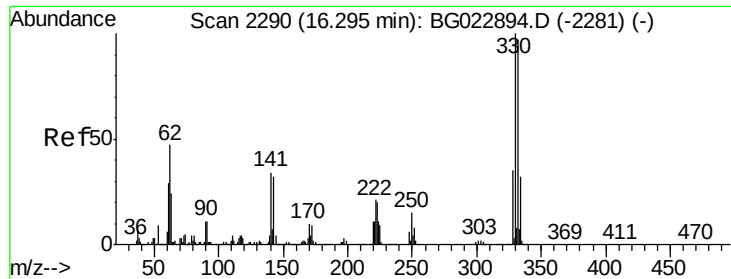
Tot Ion	82	Resp	945880
Ion Ratio	Lower	Upper	
82	100		
128	33.2	24.4	36.6
54	46.5	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Tgt Ion	164	Resp	372097
Ion Ratio	Lower	Upper	
164	100		
162	104.8	87.7	131.5
160	46.4	37.2	55.8

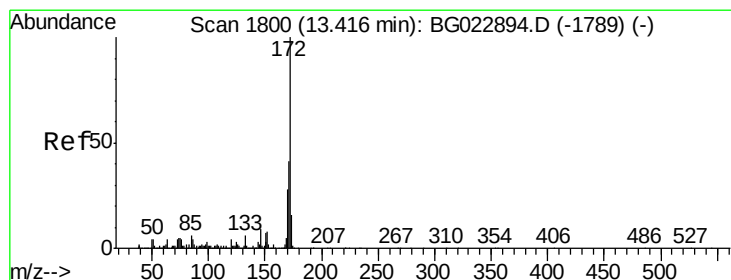
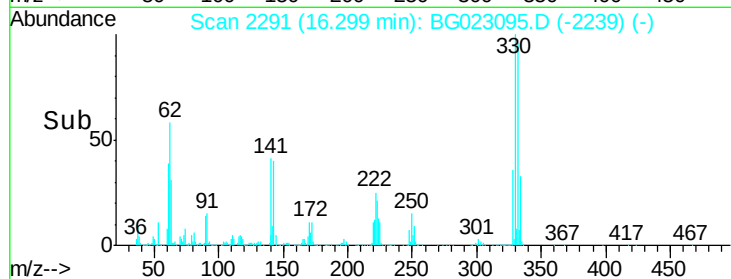
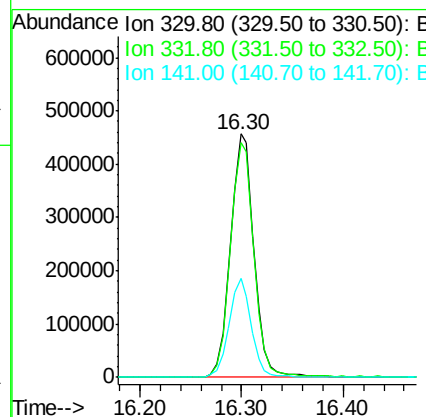
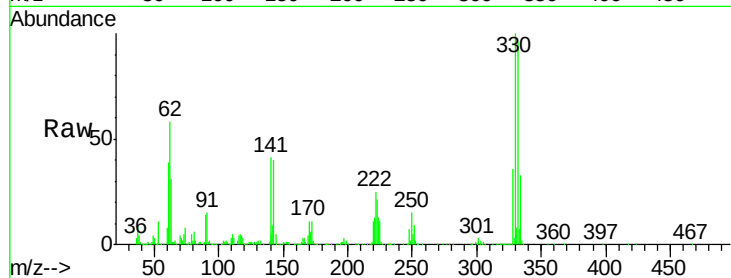




#41
 2,4,6-Tribromophenol
 Concen: 109.48 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023095.D
 Acq: 14 Jul 2016 10:51

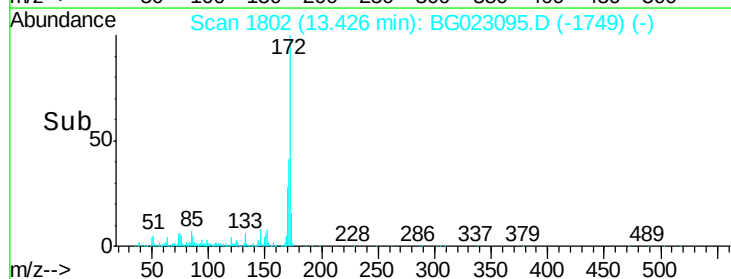
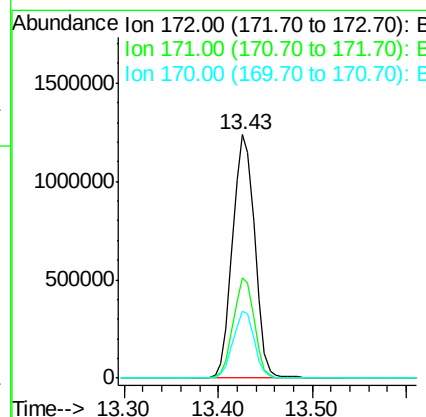
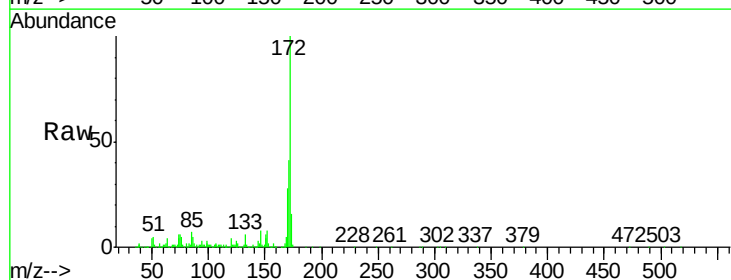
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BL

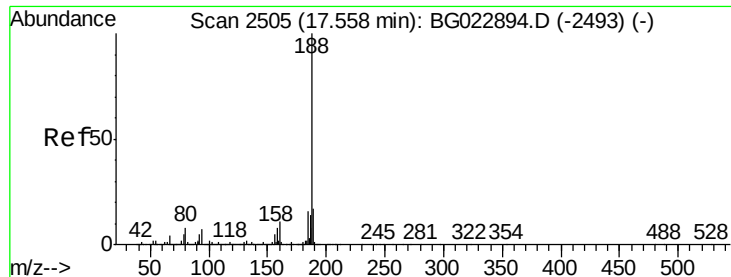
Tot Ion:330 Resp: 732171
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 85.81 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023095.D
 Acq: 14 Jul 2016 10:51

Tgt Ion:172 Resp: 2027181
 Ion Ratio Lower Upper
 172 100
 171 41.1 31.6 47.4
 170 27.6 21.3 31.9

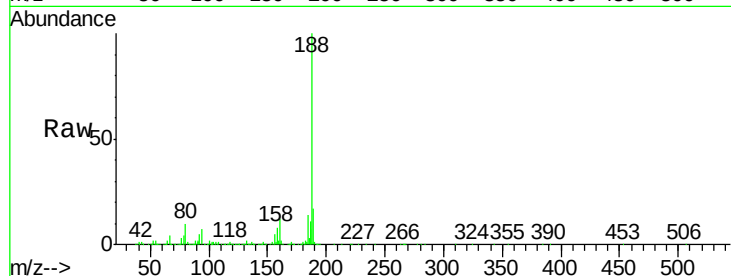




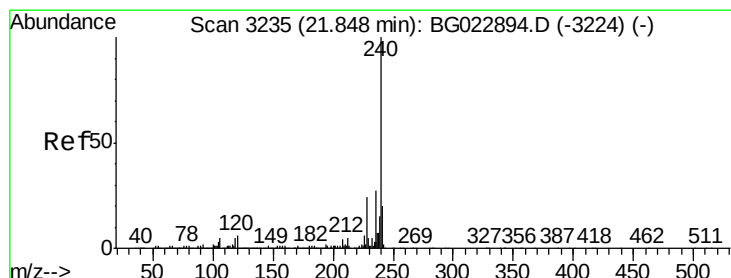
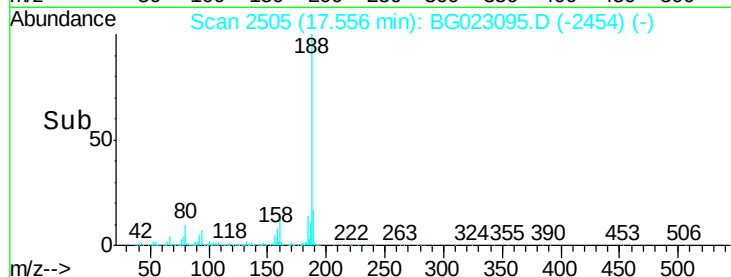
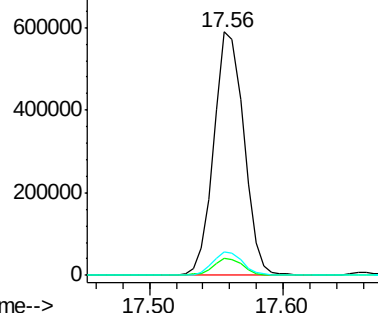
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Instrument :
BNA_G
ClientSampleId :
PB92086BL

Tot Ion:188 Resp: 915481
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.7 7.2 10.8

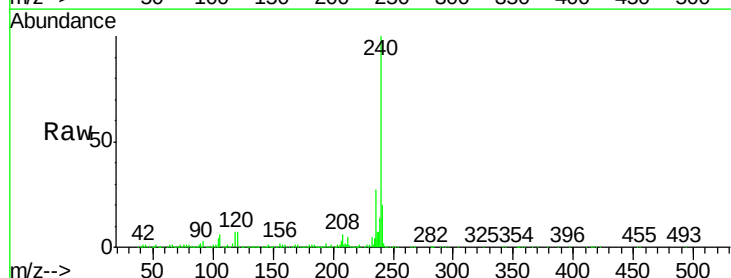


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

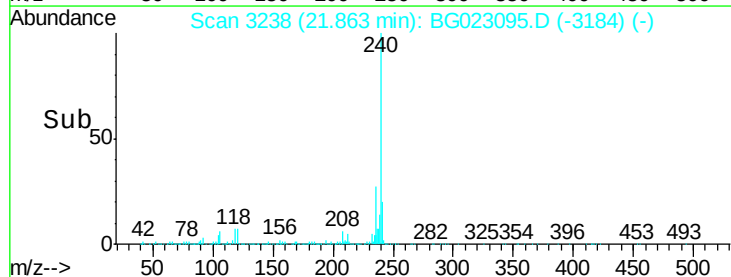
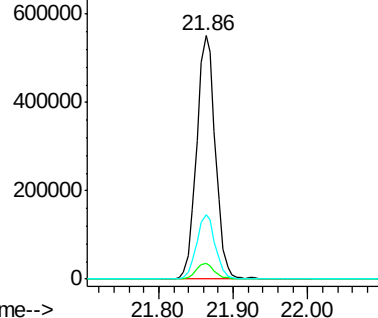


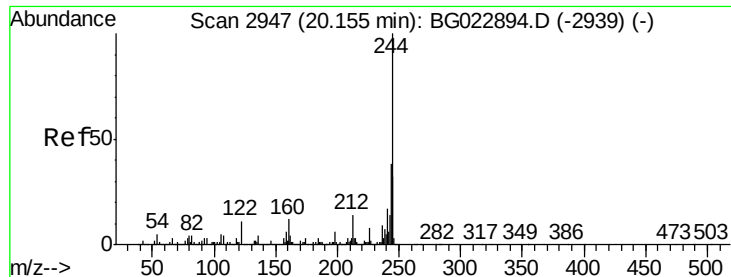
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Tgt Ion:240 Resp: 966490
Ion Ratio Lower Upper
240 100
120 6.6 4.1 6.1#
236 26.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.23 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Instrument :

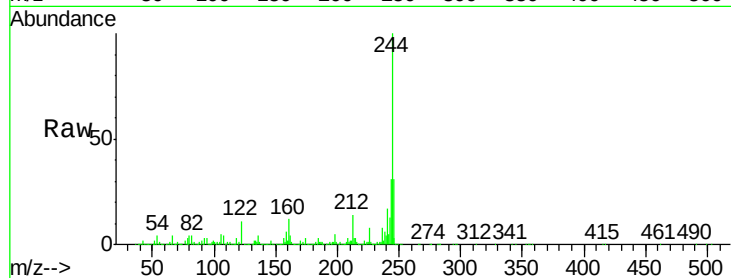
BNA_G

ClientSampleId :

PB92086BL

Tot Ion:244 Resp: 2971220

Ion	Ratio	Lower	Upper
244	100		
212	14.2	10.8	16.2
122	11.3	8.0	12.0

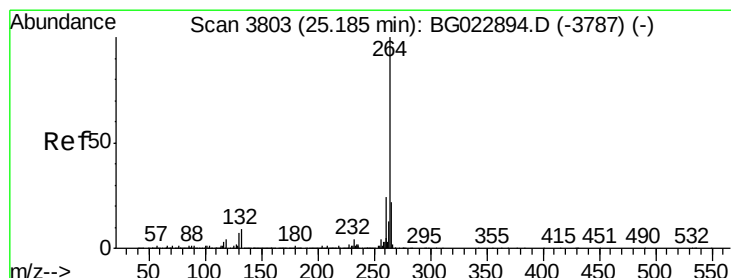
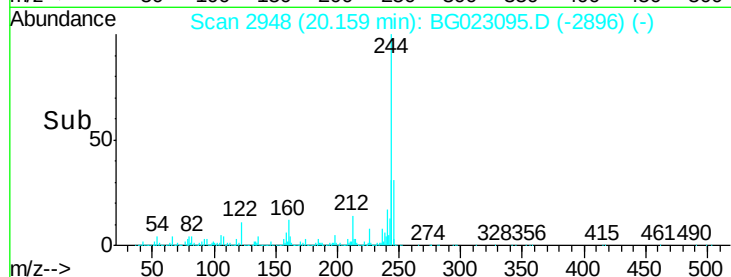
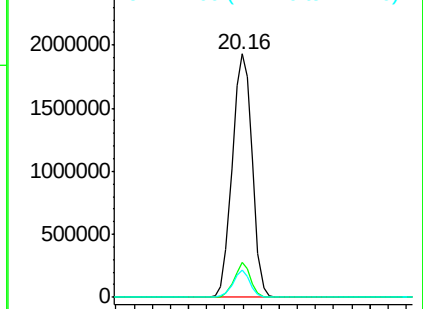


Abundance

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# 3813

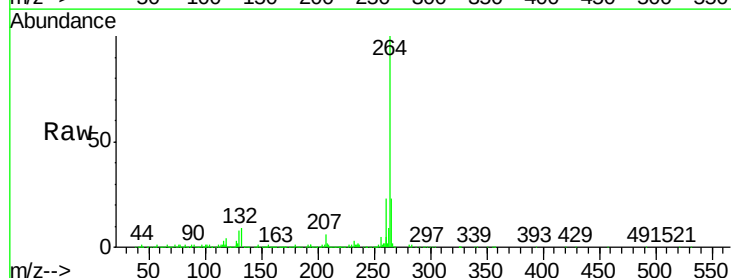
Delta R.T. 0.06 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Tgt Ion:264 Resp: 942782

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.6	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

