

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023838.D
 Acq On : 22 Aug 2016 18:07
 Operator : UM/SJ
 Sample : PB92989BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92989BL

Quant Time: Aug 23 01:04:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	112064	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	469824	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	292023	20.00	ng	-0.01
63) Phenanthrene-d10	17.53	188	721893	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	792732	20.00	ng	-0.01
86) Perylene-d12	25.23	264	775830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	701157	105.32	ng	-0.03
7) Phenol-d6	7.25	99	973010	93.83	ng	-0.03
23) Nitrobenzene-d5	9.27	82	661664	70.02	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	370548	86.75	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1294744	74.78	ng	-0.02
78) Terphenyl-d14	20.14	244	1964232	75.37	ng	-0.01

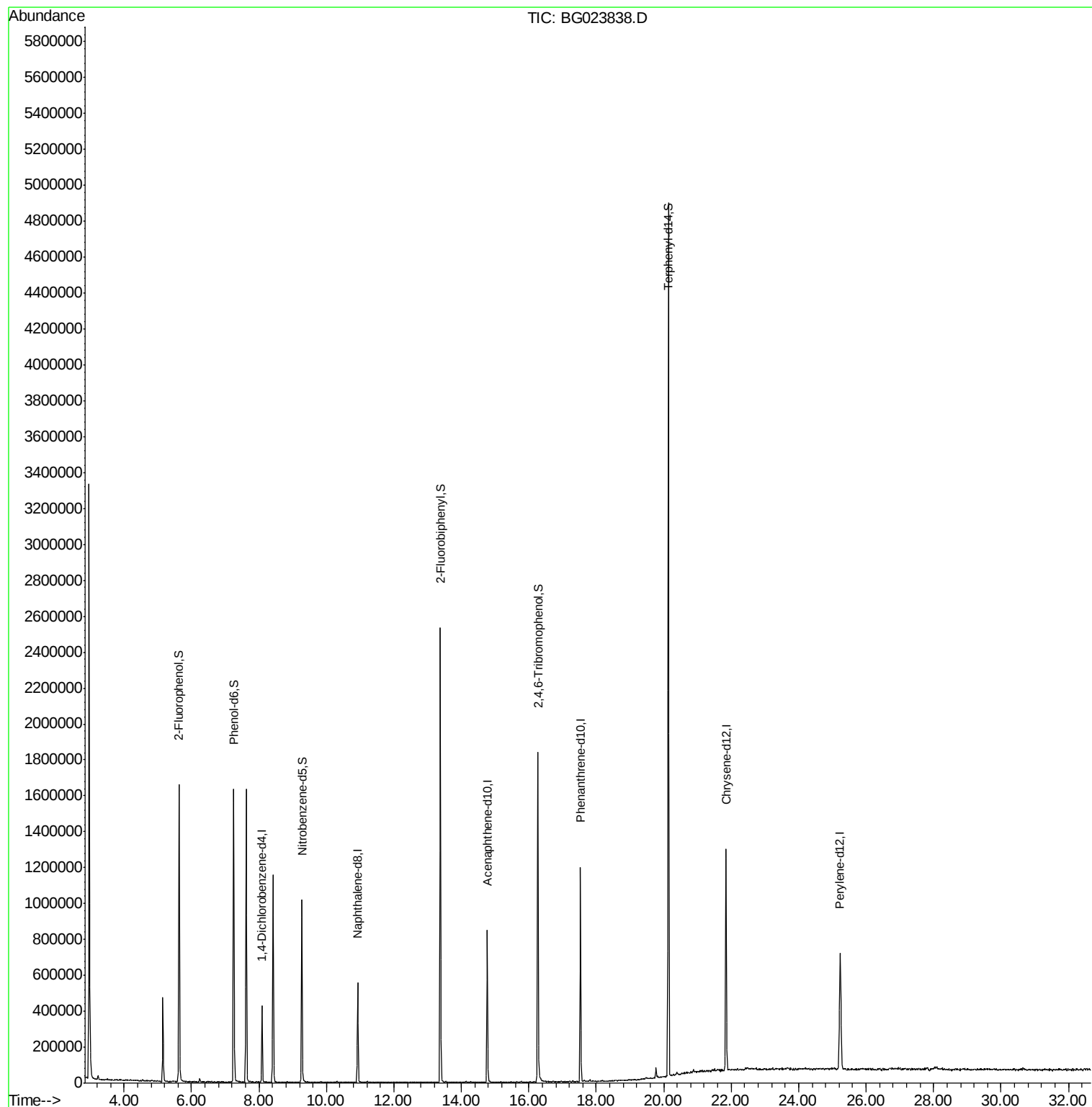
Target Compounds Qvalue

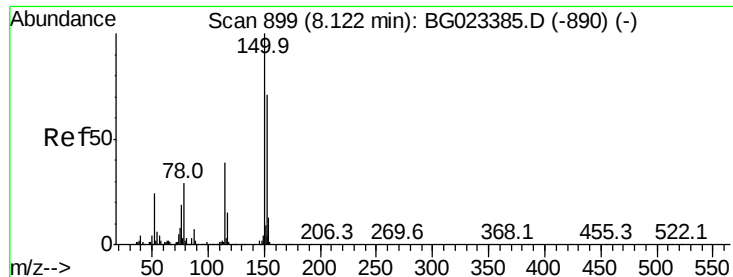
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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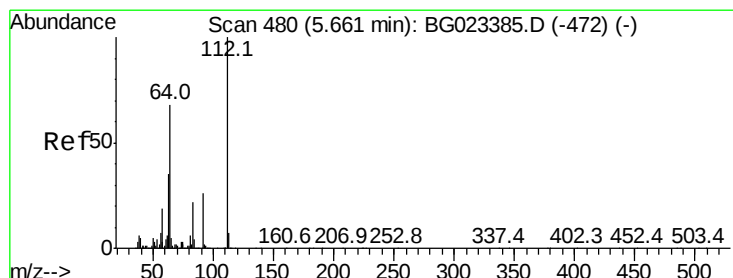
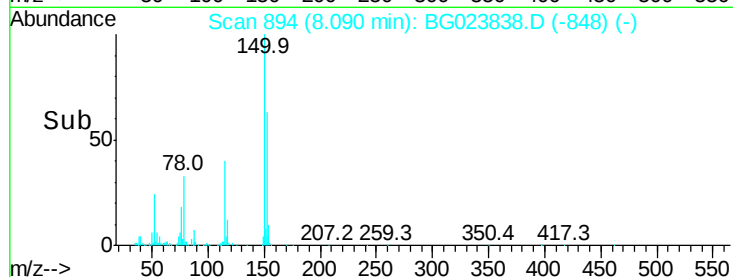
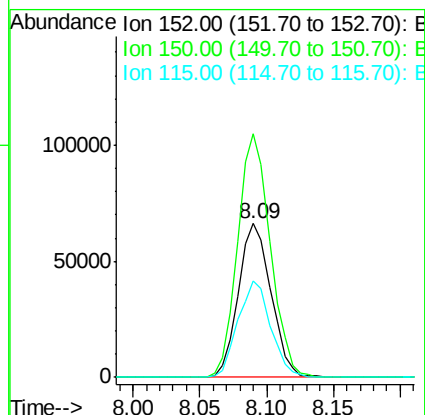
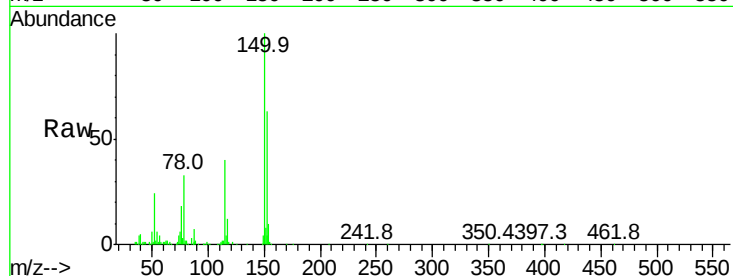


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

Instrument :
BNA_G
ClientSampleId :
PB92989BL

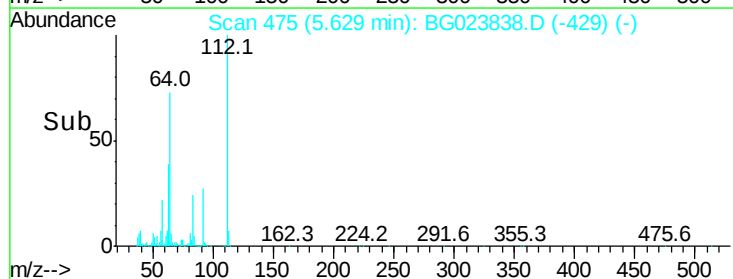
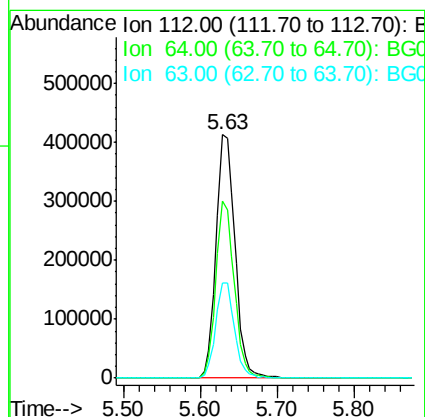
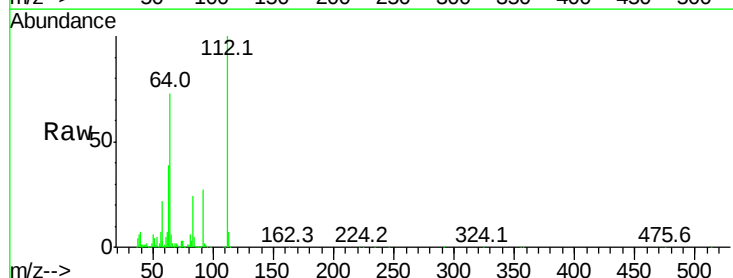
Tot Ion:152 Resp: 112064
Ion Ratio Lower Upper
152 100
150 158.7 144.7 217.1
115 62.7 64.0 96.0#

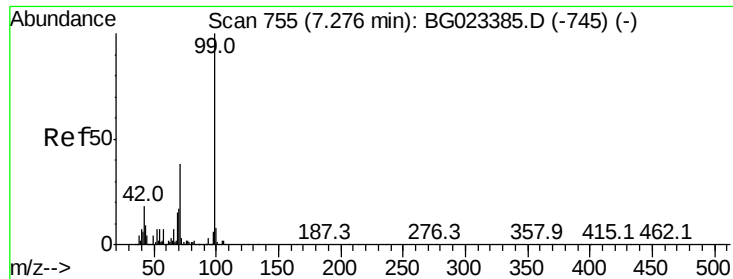


#5

2-Fluorophenol
Concen: 105.32 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

Tgt Ion:112 Resp: 701157
Ion Ratio Lower Upper
112 100
64 72.8 59.0 88.4
63 38.8 37.8 56.8





#7

Phenol-d6

Concen: 93.83 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB92989BL

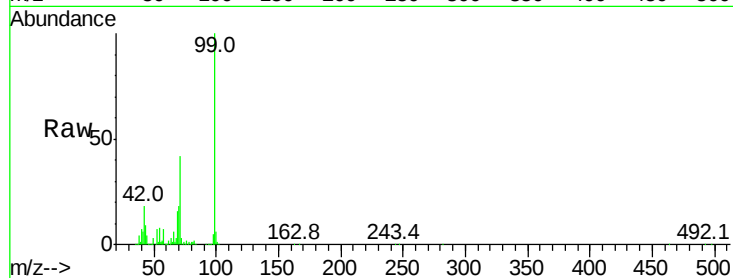
Tot Ion: 99 Resp: 973010

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.8	26.6
71	42.4	41.5	62.3

99 100

42 18.4 17.8 26.6

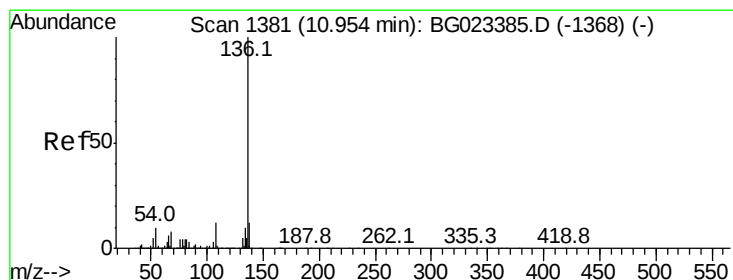
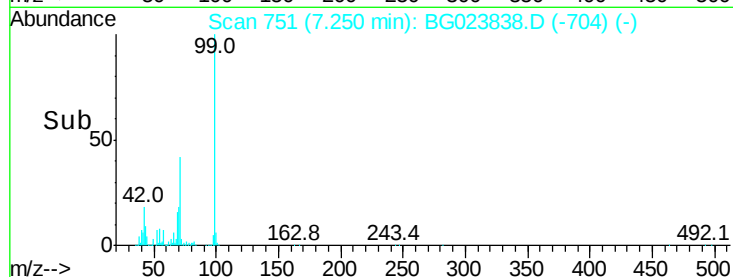
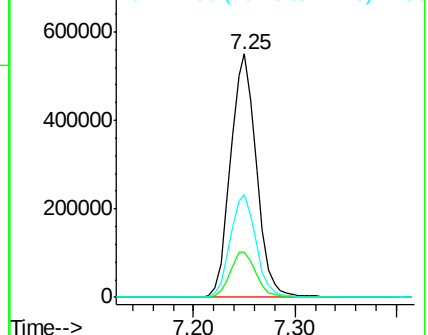
71 42.4 41.5 62.3



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: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Tgt Ion: 136 Resp: 469824

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.1	7.3	10.9
68	7.0	5.3	7.9

136 100

137 11.1 9.6 14.4

54 9.1 7.3 10.9

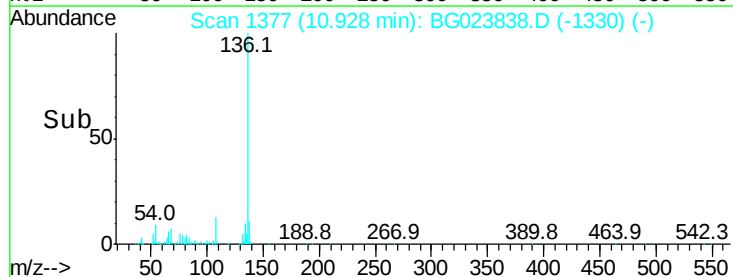
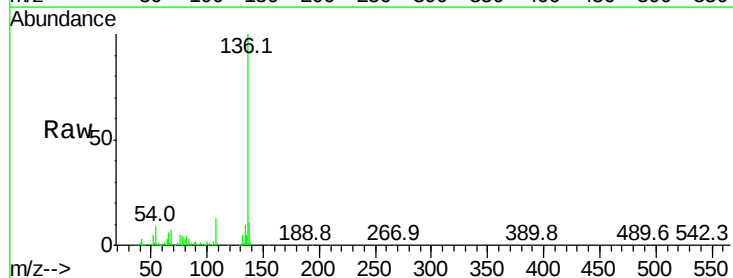
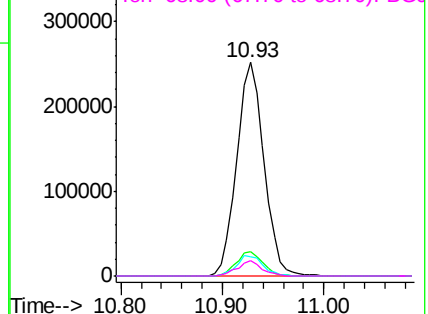
68 7.0 5.3 7.9

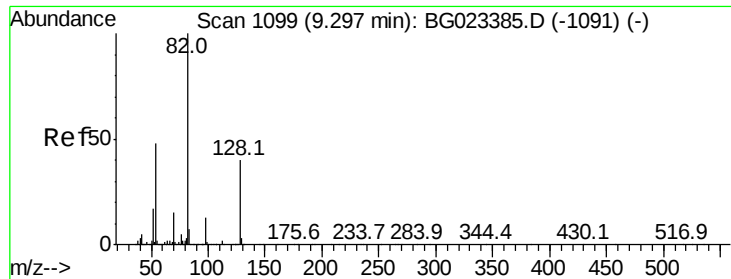
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

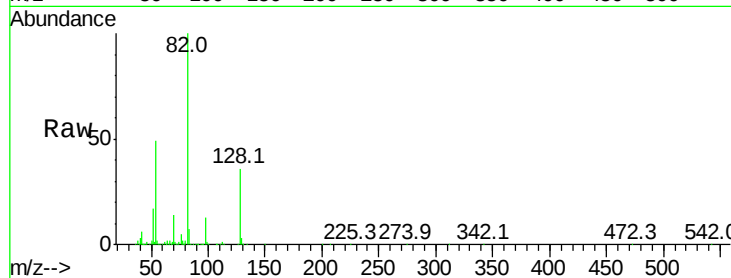




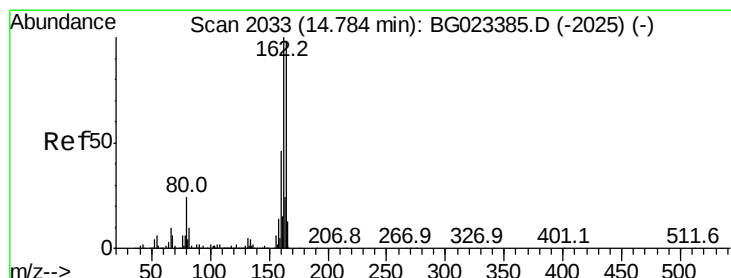
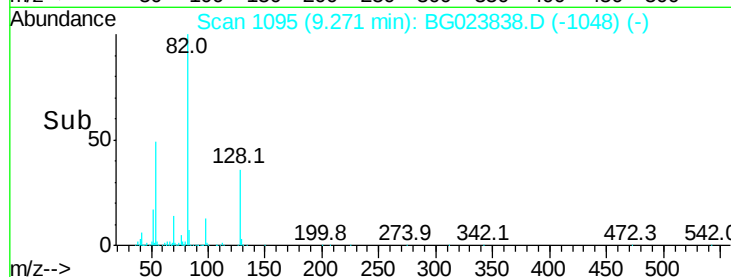
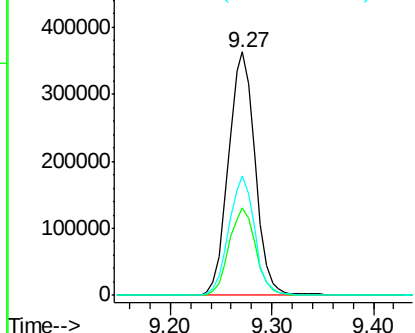
#23
 Nitrobenzene-d5
 Concen: 70.02 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

Instrument :
 BNA_G
 ClientSampleID :
 PB92989BL

Tot Ion	82	Resp	661664
Ion Ratio	Lower	Upper	
82	100		
128	35.8	24.4	36.6
54	48.9	41.4	62.0

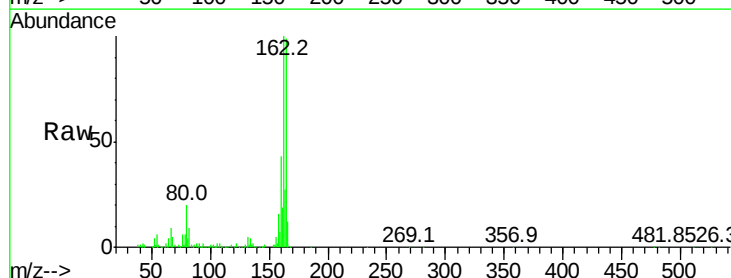


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

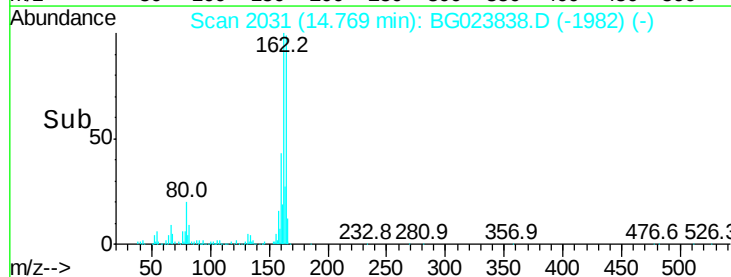
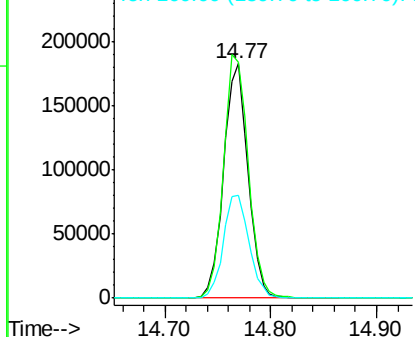


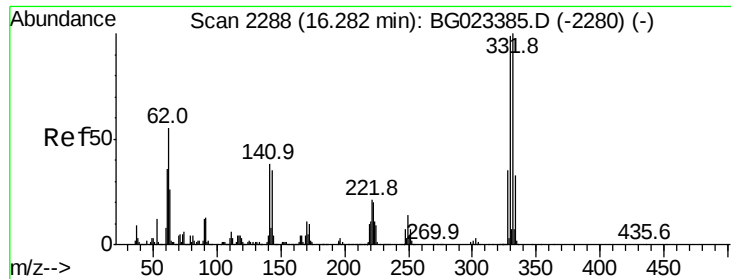
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

Tgt Ion	164	Resp	292023
Ion Ratio	Lower	Upper	
164	100		
162	100.9	87.7	131.5
160	43.7	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

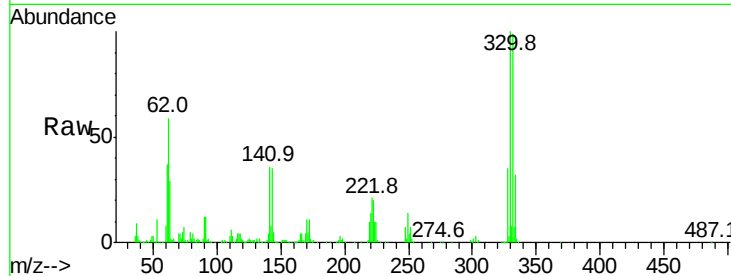




#41
 2,4,6-Tribromophenol
 Concen: 86.75 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

Instrument :
 BNA_G
 ClientSampleID :
 PB92989BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	38.6	31.7	47.5

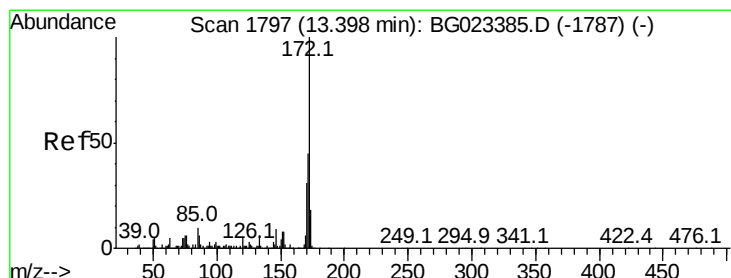
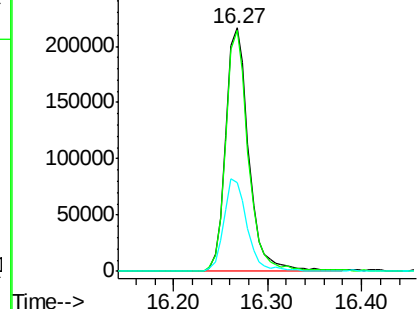
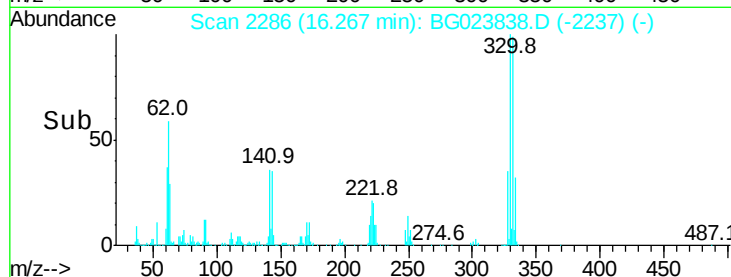


Abundance

Ion 329.80 (329.50 to 330.50): E

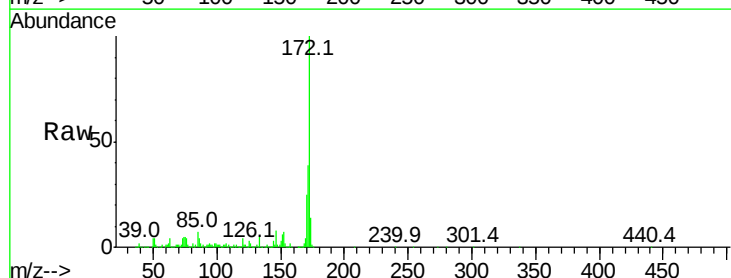
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.78 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023838.D
 Acq: 22 Aug 2016 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	24.7	21.3	31.9

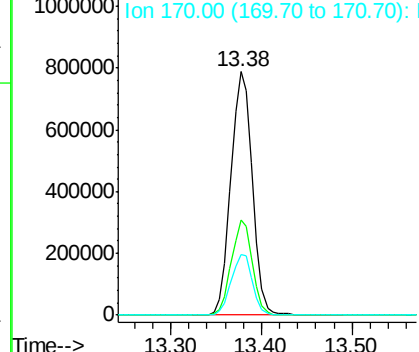
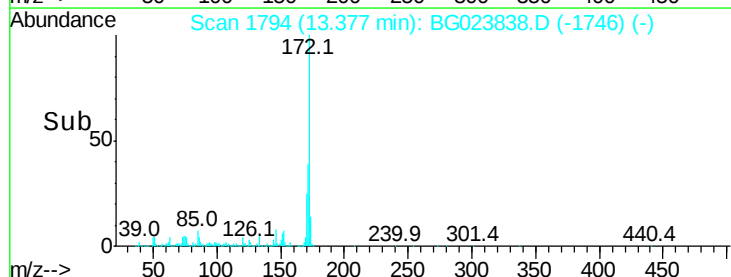


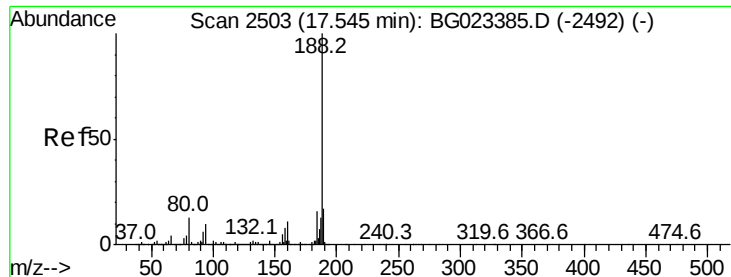
Abundance

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

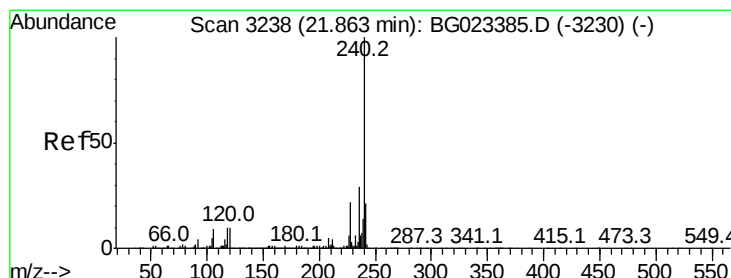
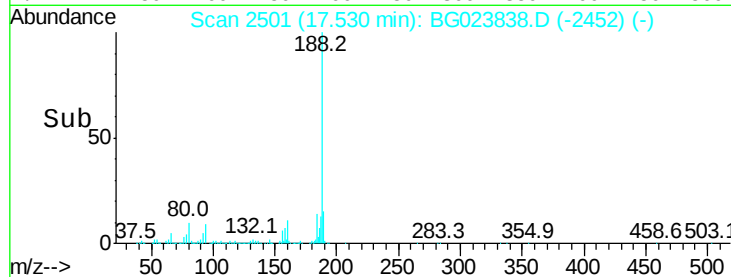
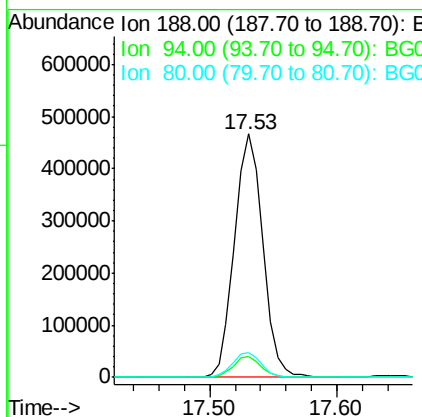
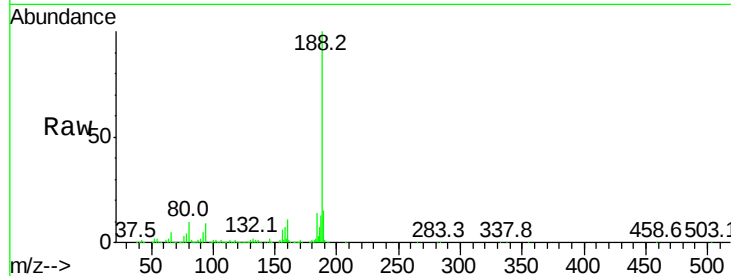




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

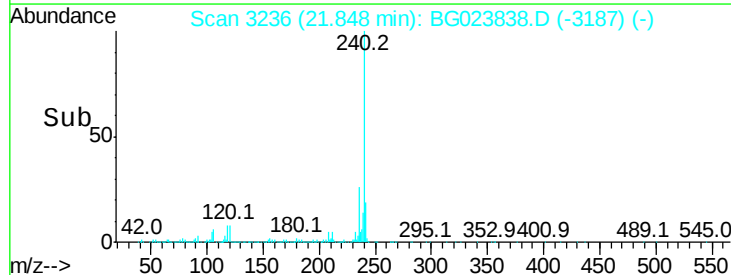
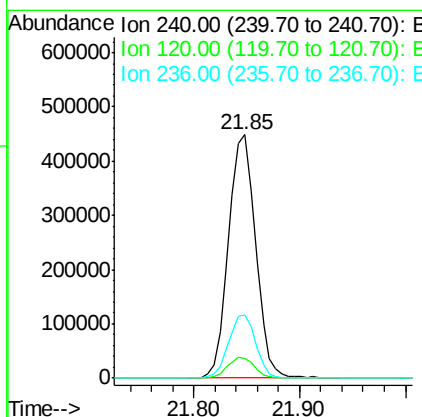
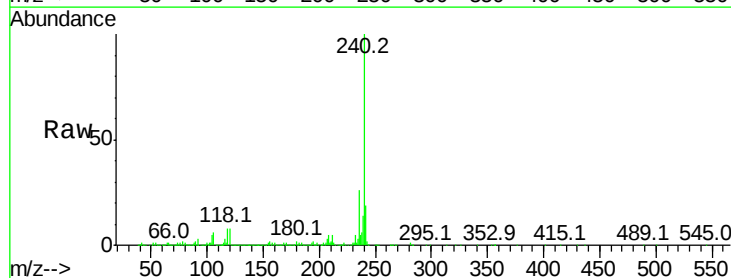
Instrument :
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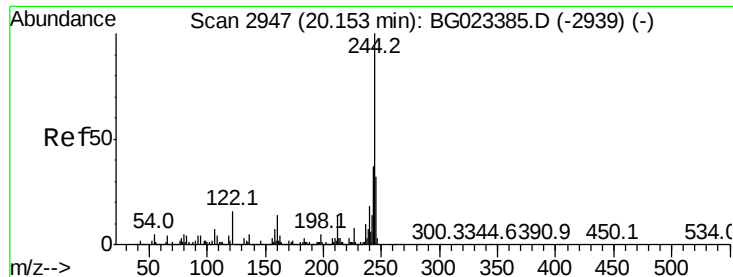
Tot Ion:188 Resp: 721893
Ion Ratio Lower Upper
188 100
94 8.8 5.2 7.8#
80 10.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023838.D
Acq: 22 Aug 2016 18:07

Tgt Ion:240 Resp: 792732
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 26.2 21.1 31.7





#78

Terphenyl-d14

Concen: 75.37 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Instrument :

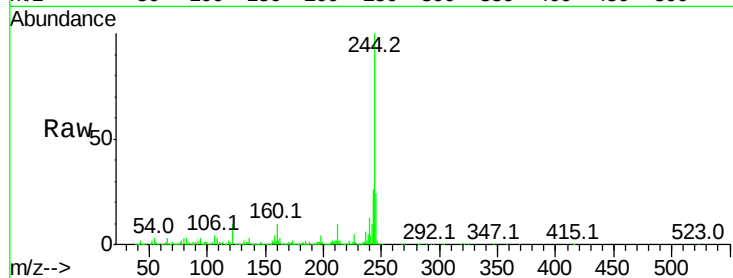
BNA_G

ClientSampleId :

PB92989BL

Tot Ion:244 Resp: 1964232

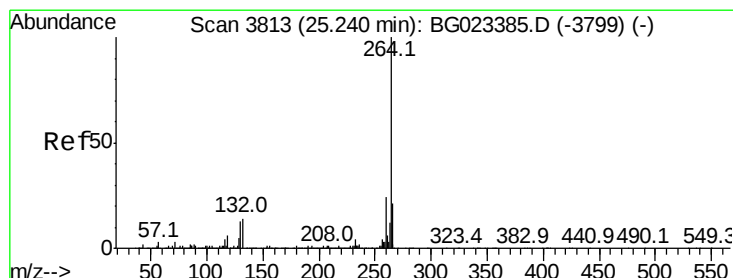
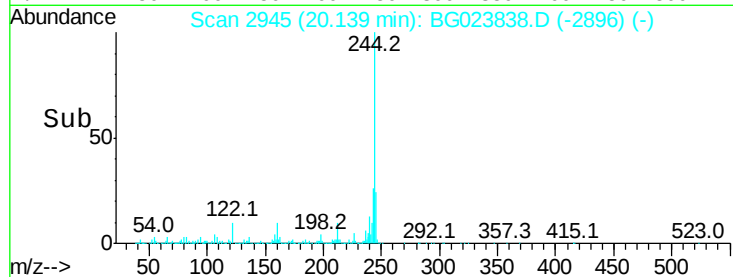
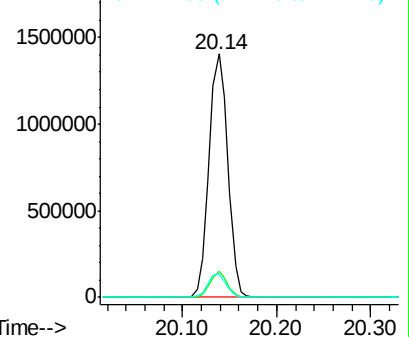
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	9.5	8.0	12.0



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: 25.23 min Scan# 3811

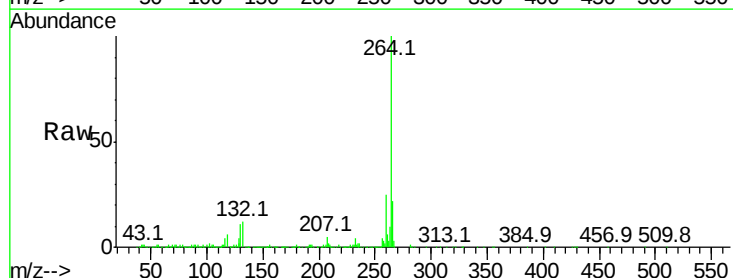
Delta R.T. -0.01 min

Lab File: BG023838.D

Acq: 22 Aug 2016 18:07

Tgt Ion:264 Resp: 775830

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.0	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

