

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023918.D
 Acq On : 26 Aug 2016 9:15
 Operator : UM/SJ
 Sample : PB93089BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93089BL

Quant Time: Aug 26 12:45:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	120425	20.00	ng	0.02
21) Naphthalene-d8	10.95	136	522156	20.00	ng	0.02
38) Acenaphthene-d10	14.78	164	331704	20.00	ng	0.01
63) Phenanthrene-d10	17.54	188	813088	20.00	ng	0.01
75) Chrysene-d12	21.85	240	885536	20.00	ng	0.00
86) Perylene-d12	25.24	264	837508	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	790437	110.49	ng	0.02
7) Phenol-d6	7.28	99	1122997	100.78	ng	0.03
23) Nitrobenzene-d5	9.29	82	764614	72.80	ng	0.02
41) 2,4,6-Tribromophenol	16.28	330	450796	92.91	ng	0.01
44) 2-Fluorobiphenyl	13.39	172	1497294	76.14	ng	0.01
78) Terphenyl-d14	20.14	244	2227890	76.91	ng	0.00

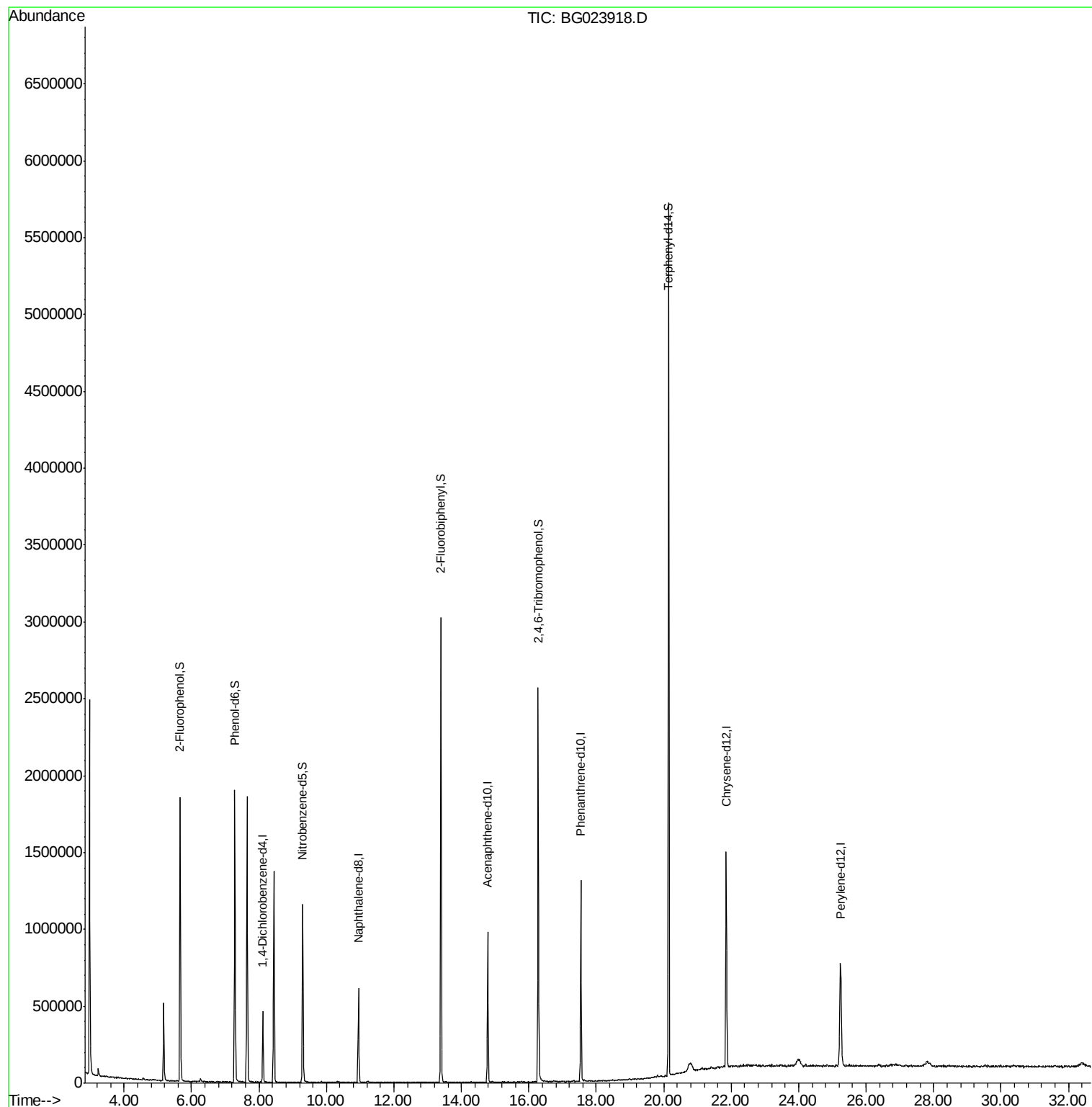
Target Compounds	Qvalue
------------------	--------

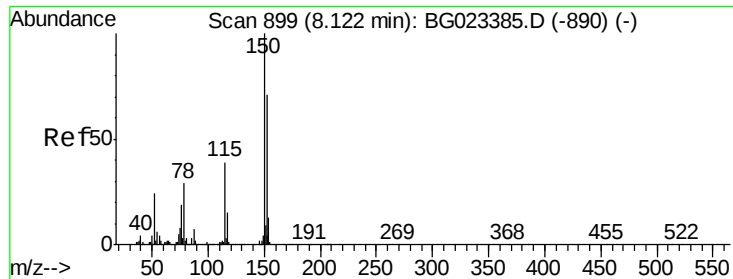
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023918.D
Acq On : 26 Aug 2016 9:15
Operator : UM/SJ
Sample : PB93089BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93089BL

Quant Time: Aug 26 12:45:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration



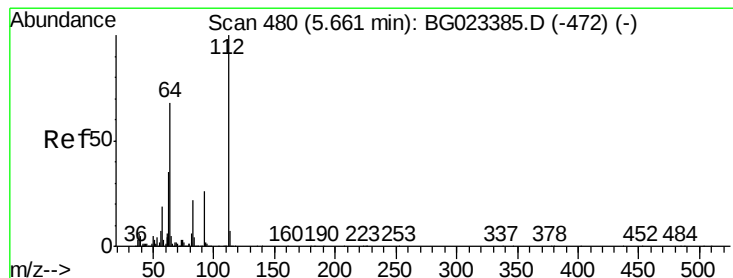
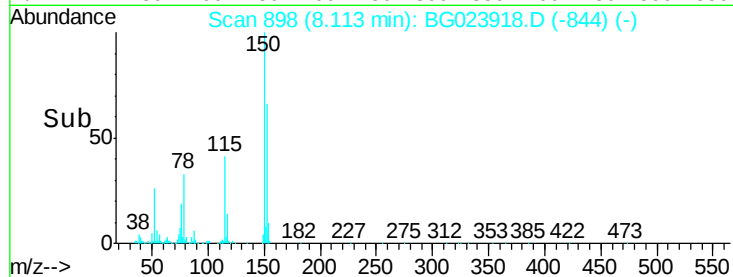
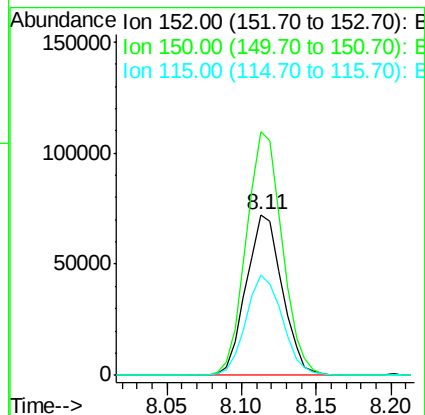
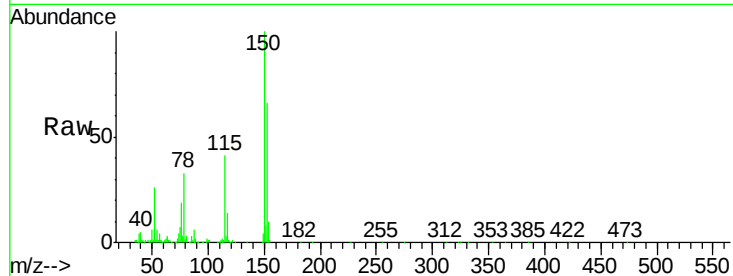


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. 0.02 min
Lab File: BG023918.D
Acq: 26 Aug 2016 9:15

Instrument :
BNA_G
ClientSampleId :
PB93089BL

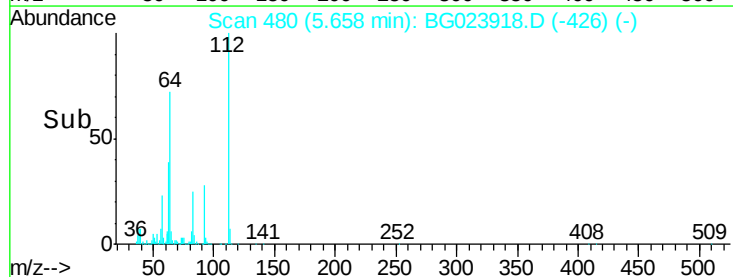
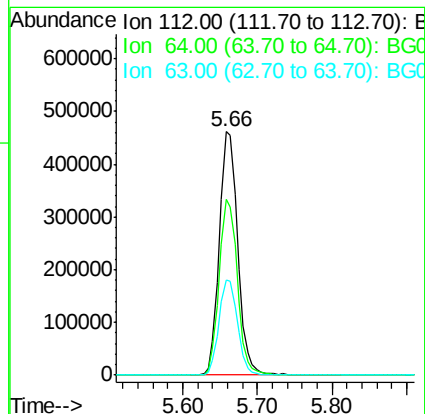
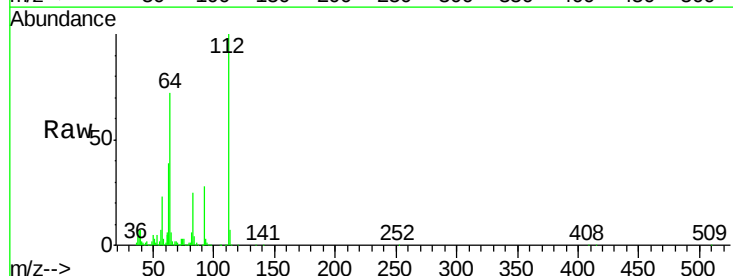
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	144.7	217.1
115	62.8	64.0	96.0

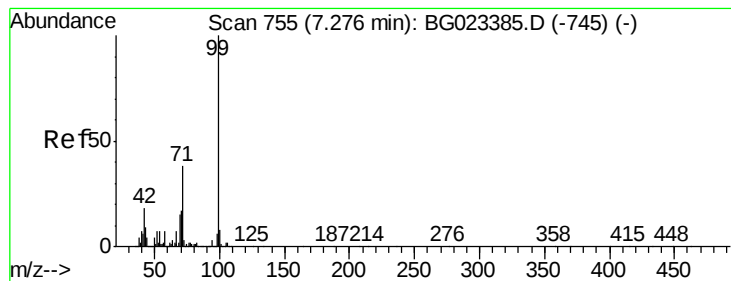


#5

2-Fluorophenol
Concen: 110.49 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.02 min
Lab File: BG023918.D
Acq: 26 Aug 2016 9:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	39.2	37.8	56.8





#7

Phenol-d6

Concen: 100.78 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.03 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

Instrument :

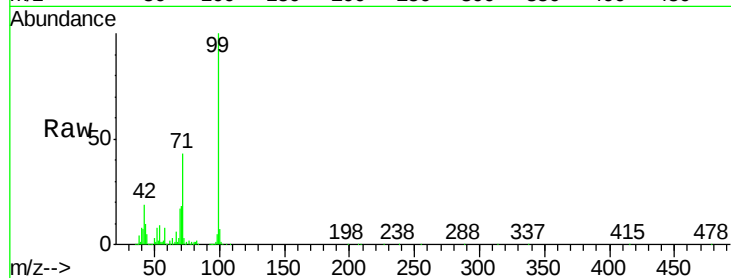
BNA_G

ClientSampleId :

PB93089BL

Tgt Ion: 99 Resp: 1122997

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	43.2	41.5	62.3

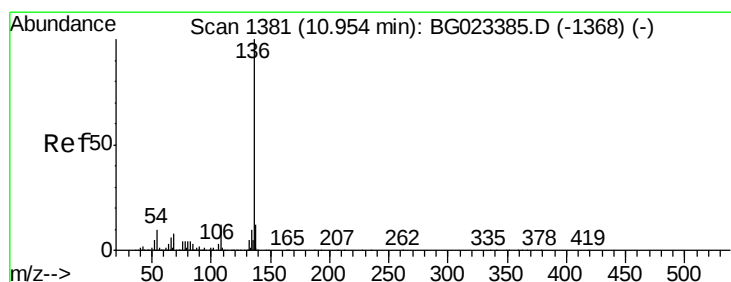
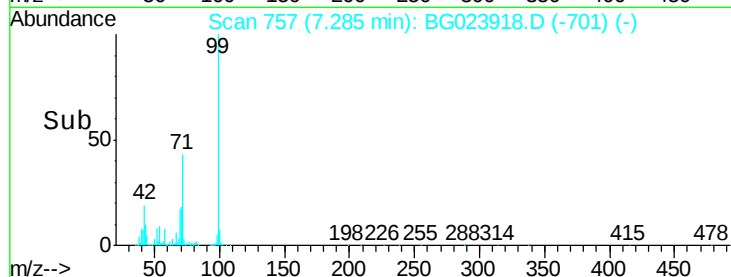
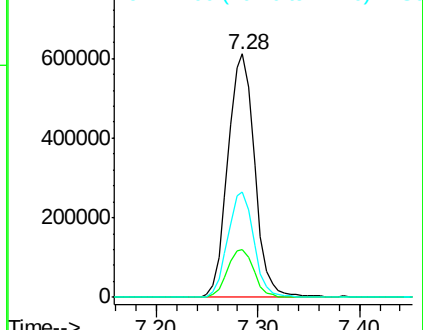


Abundance

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: 10.95 min Scan# 1381

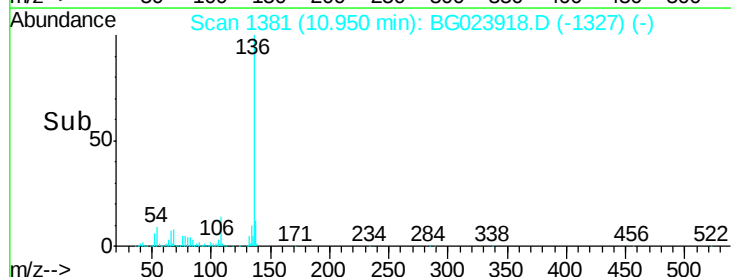
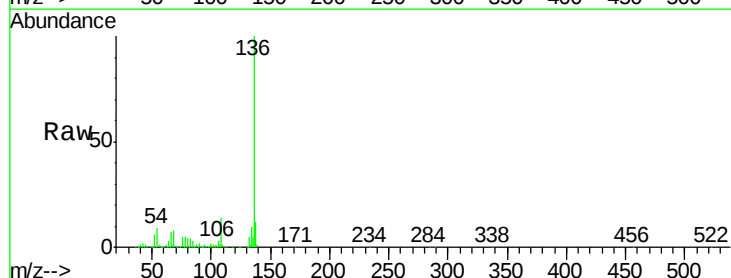
Delta R.T. 0.02 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

Tgt Ion: 136 Resp: 522156

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.4	7.3	10.9
68	7.9	5.3	7.9



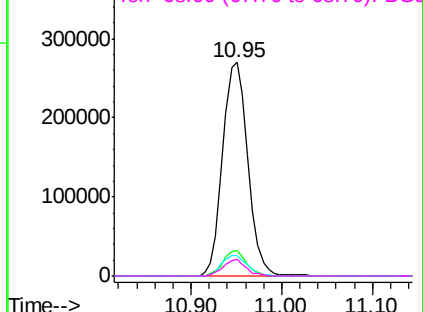
Abundance

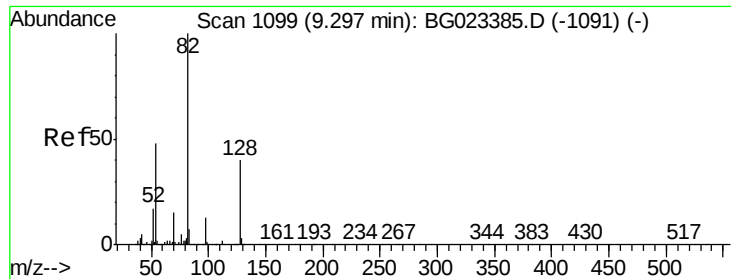
Ion 136.00 (135.70 to 136.70): BGC

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

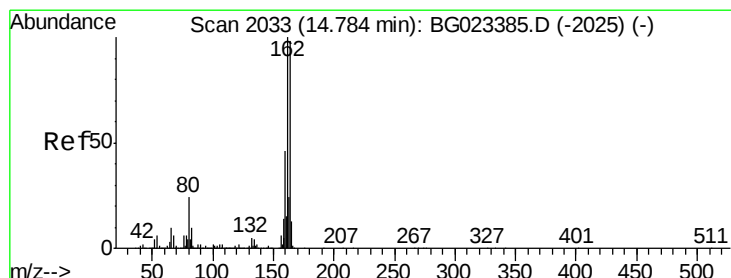
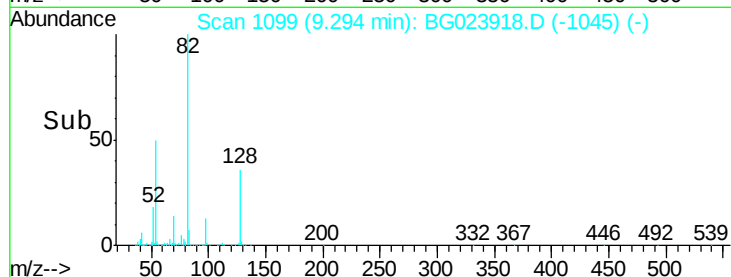
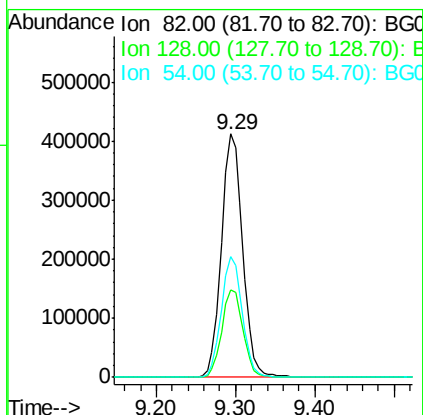
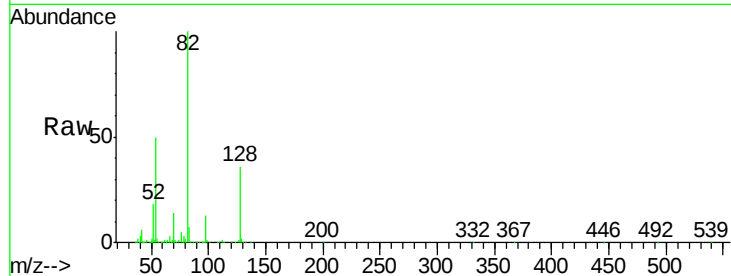




#23
 Nitrobenzene-d5
 Concen: 72.80 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BG023918.D
 Acq: 26 Aug 2016 9:15

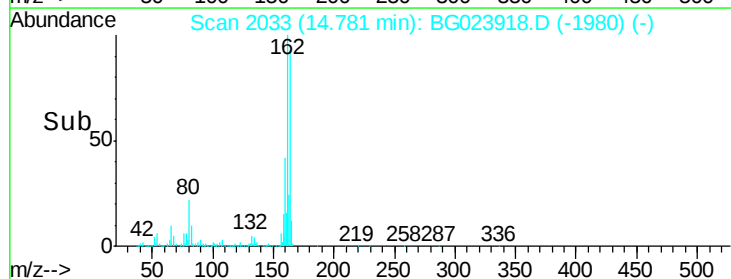
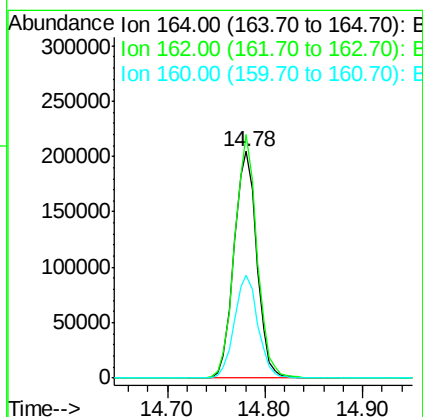
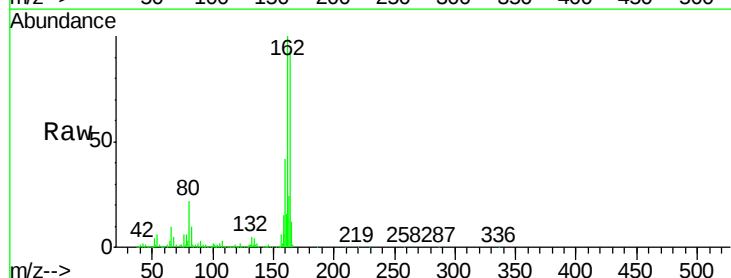
Instrument :
 BNA_G
 ClientSampled :
 PB93089BL

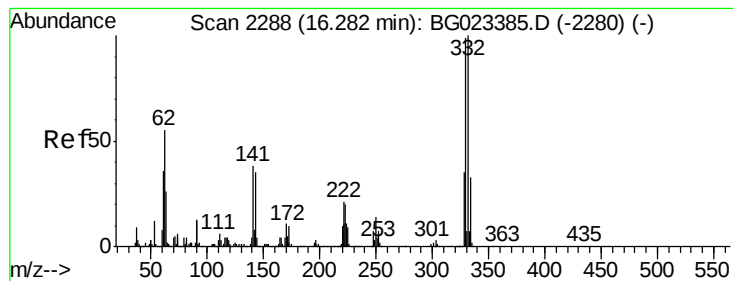
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	49.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BG023918.D
 Acq: 26 Aug 2016 9:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	87.7	131.5
160	45.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 92.91 ng

RT: 16.28 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

Instrument :

BNA_G

ClientSampleId :

PB93089BL

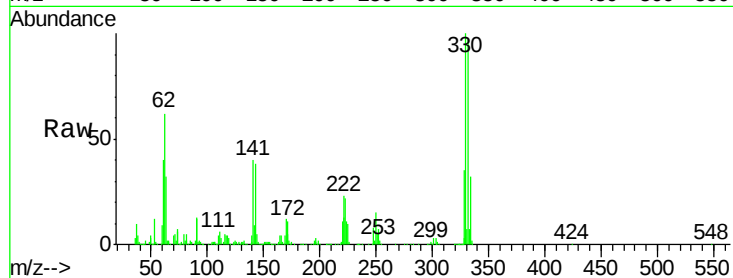
Tgt Ion:330 Resp: 450796

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

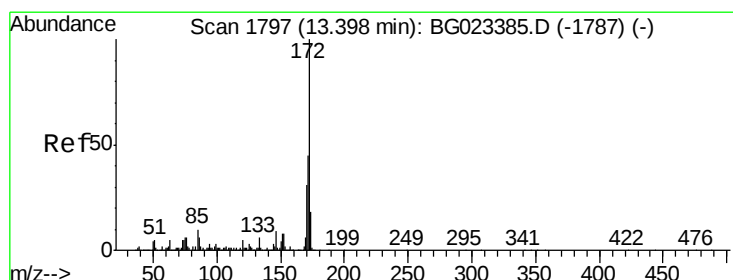
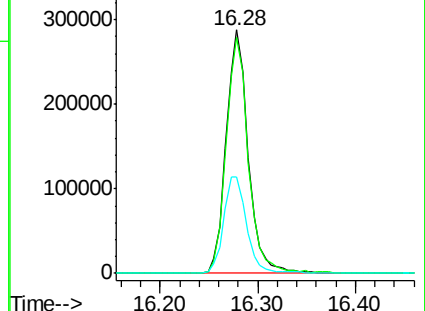
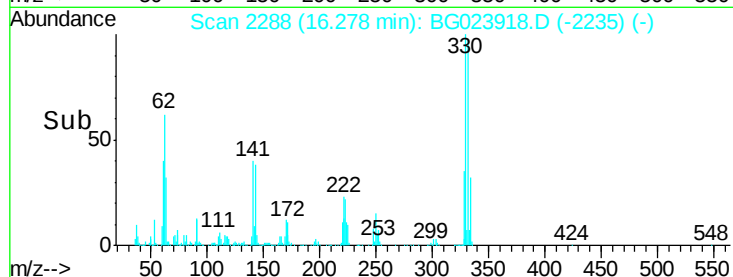
141 41.4 31.7 47.5



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: 76.14 ng

RT: 13.39 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

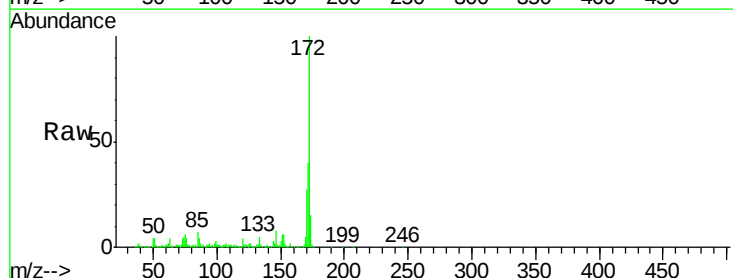
Tgt Ion:172 Resp: 1497294

Ion Ratio Lower Upper

172 100

171 40.4 31.6 47.4

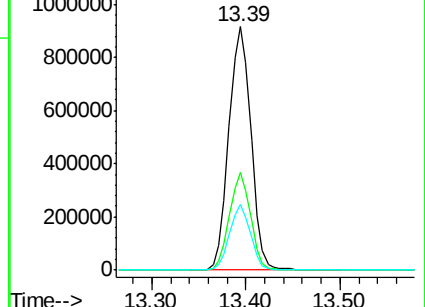
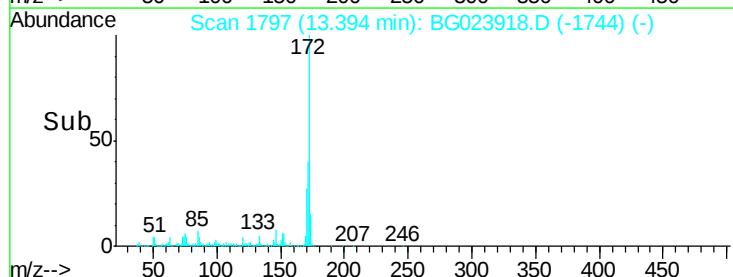
170 26.8 21.3 31.9

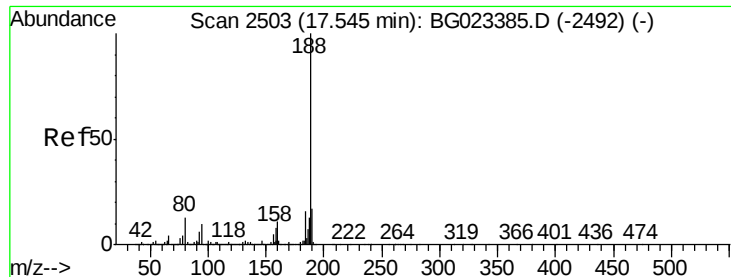


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

Instrument :

BNA_G

ClientSampleId :

PB93089BL

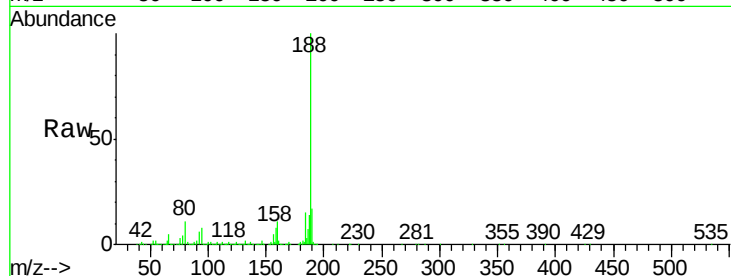
Tgt Ion:188 Resp: 813088

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

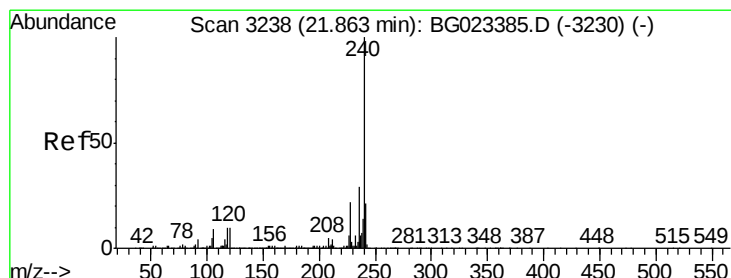
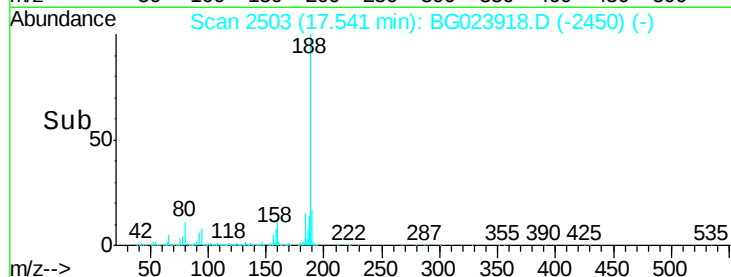
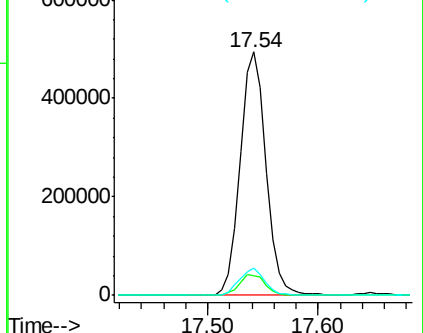
80 11.3 7.2 10.8#



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: 21.85 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

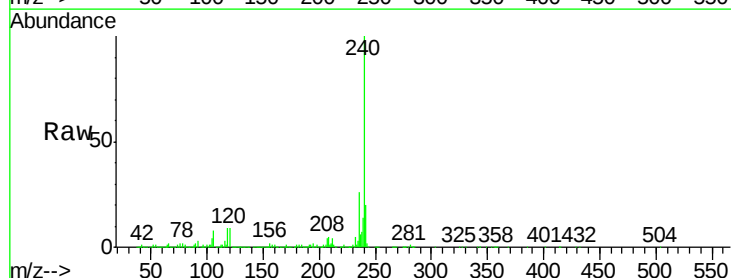
Tgt Ion:240 Resp: 885536

Ion Ratio Lower Upper

240 100

120 9.1 4.1 6.1#

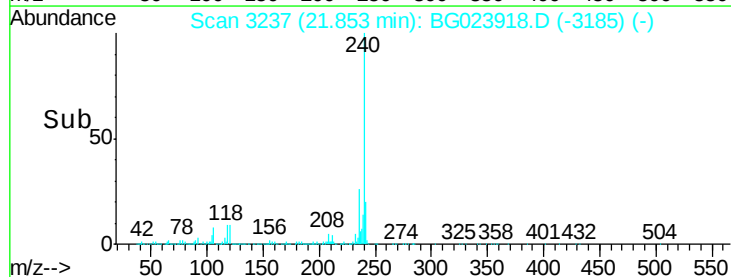
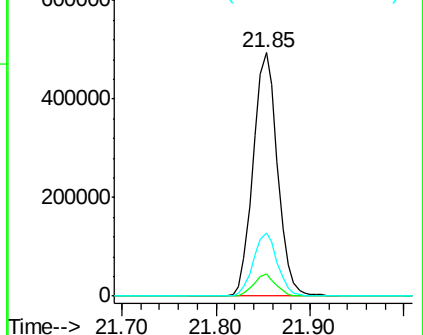
236 25.9 21.1 31.7

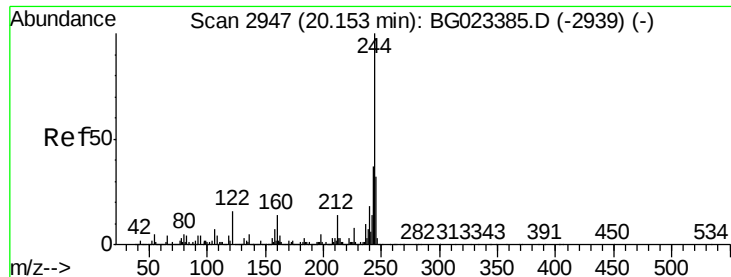


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.91 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

Instrument :

BNA_G

ClientSampleId :

PB93089BL

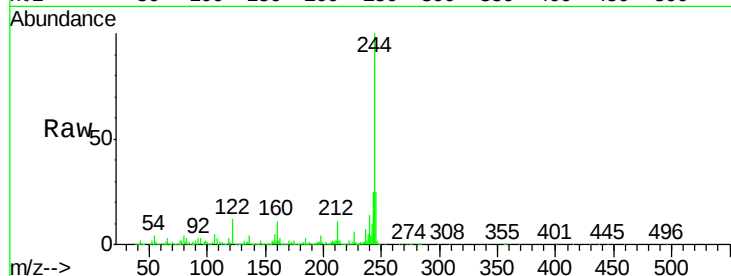
Tgt Ion:244 Resp: 2227890

Ion Ratio Lower Upper

244 100

212 11.2 10.8 16.2

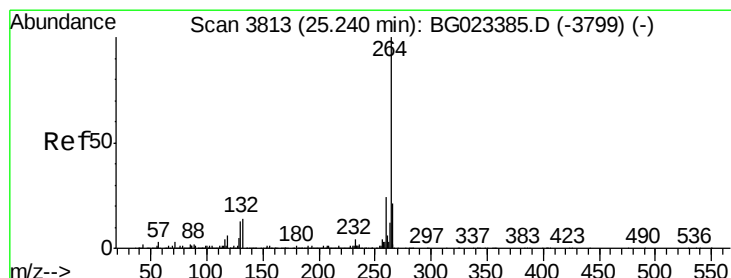
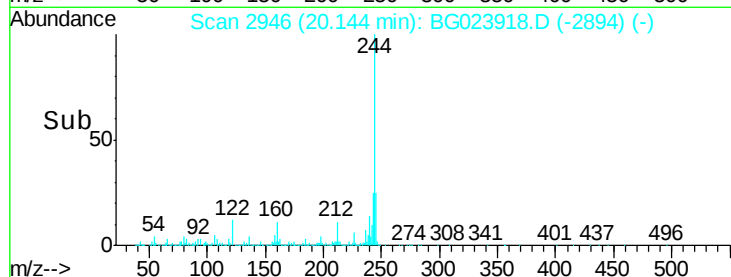
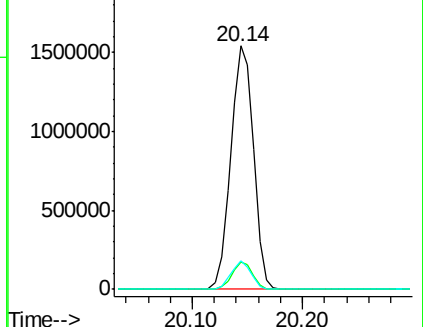
122 11.6 8.0 12.0



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. 0.01 min

Lab File: BG023918.D

Acq: 26 Aug 2016 9:15

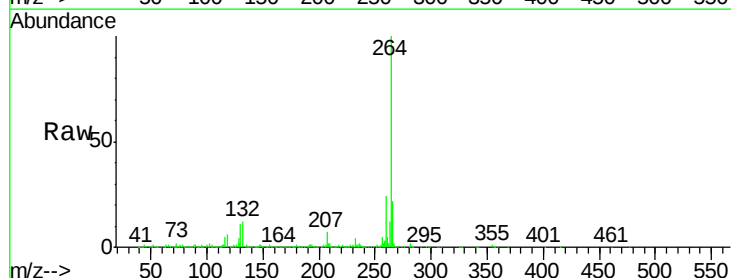
Tgt Ion:264 Resp: 837508

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.9 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

