

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023882.D
 Acq On : 24 Aug 2016 10:53
 Operator : UM/SJ
 Sample : PB93011BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BL

Quant Time: Aug 24 17:45:55 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	171612	20.00	ng	0.01
21) Naphthalene-d8	10.94	136	682734	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	419037	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	933833	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1024442	20.00	ng	0.00
86) Perylene-d12	25.23	264	994911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	861514	84.50	ng	0.01
7) Phenol-d6	7.27	99	1188895	74.87	ng	0.01
23) Nitrobenzene-d5	9.28	82	804594	58.59	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	410386	66.96	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1516523	61.04	ng	0.00
78) Terphenyl-d14	20.14	244	2017111	54.82	ng	0.00

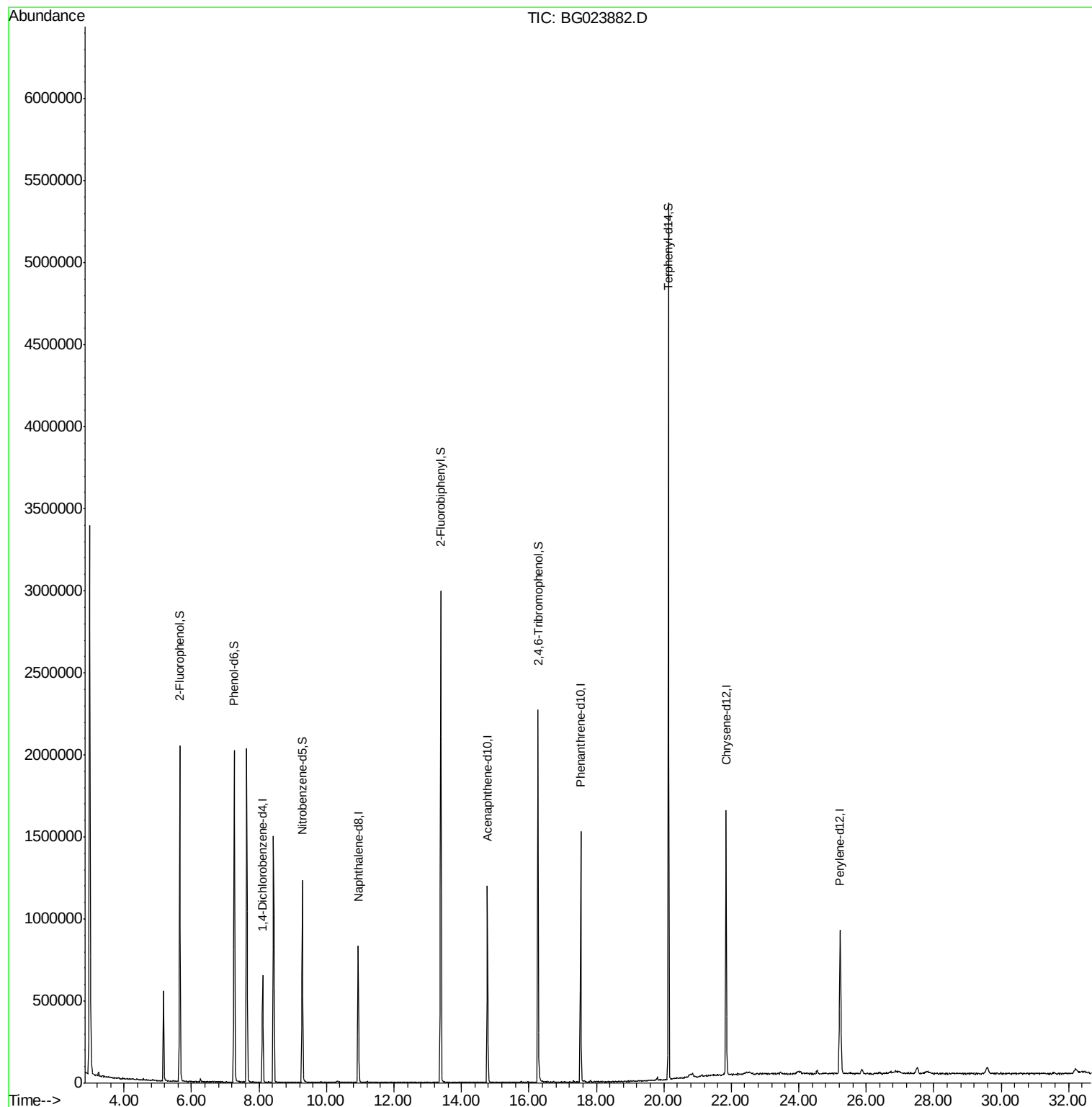
Target Compounds Qvalue

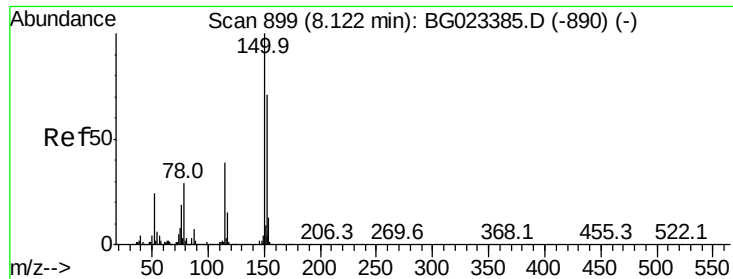
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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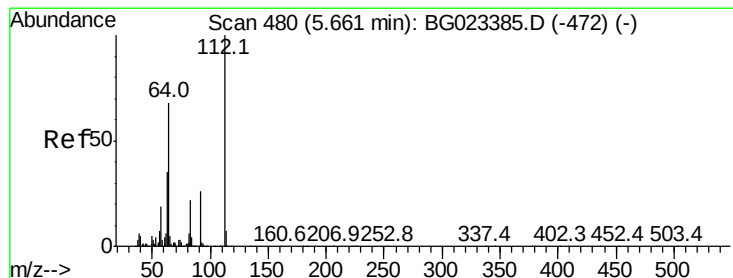
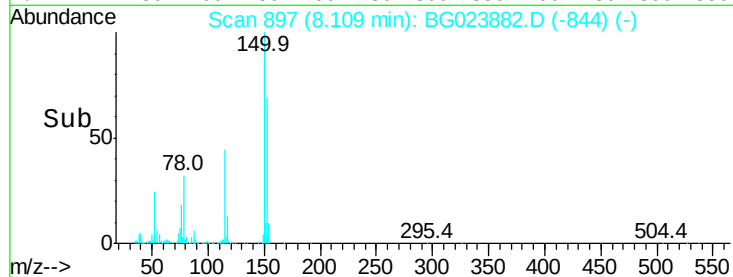
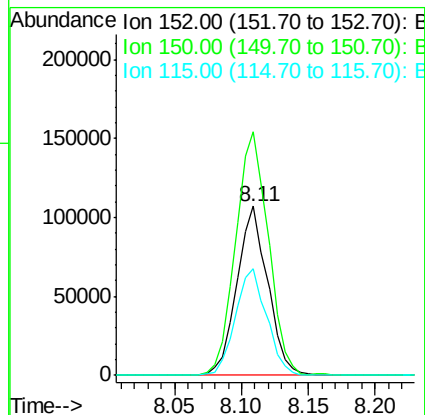
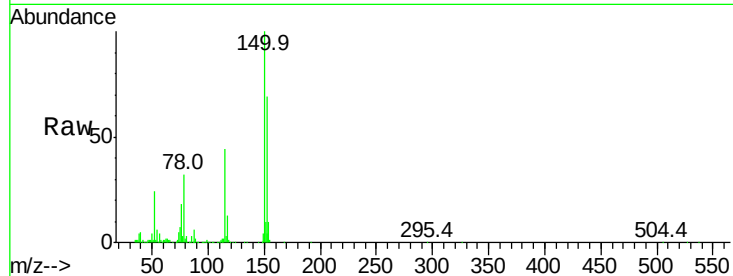


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. 0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

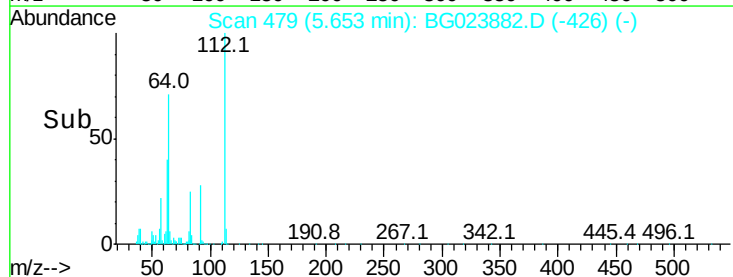
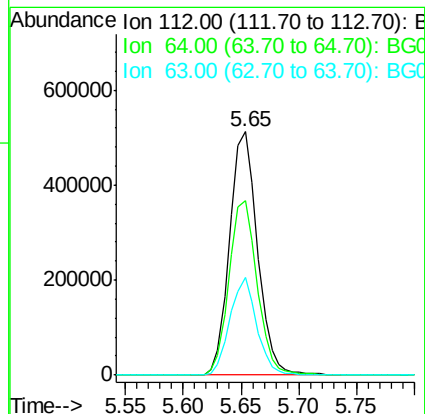
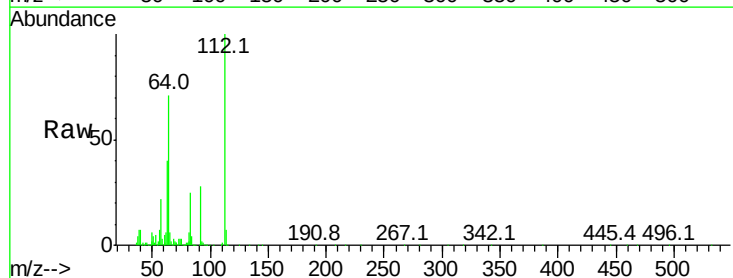
Tot Ion:152 Resp: 171612
Ion Ratio Lower Upper
152 100
150 144.2 144.7 217.1#
115 62.8 64.0 96.0#

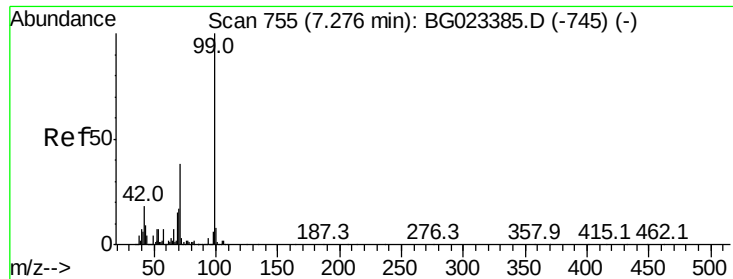


#5

2-Fluorophenol
Concen: 84.50 ng
RT: 5.65 min Scan# 479
Delta R.T. 0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:112 Resp: 861514
Ion Ratio Lower Upper
112 100
64 71.4 59.0 88.4
63 40.0 37.8 56.8





#7

Phenol-d6

Concen: 74.87 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.01 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

Instrument :

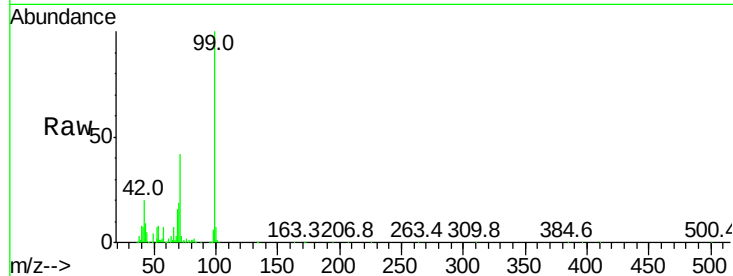
BNA_G

ClientSampleId :

PB93011BL

Tot Ion: 99 Resp: 1188895

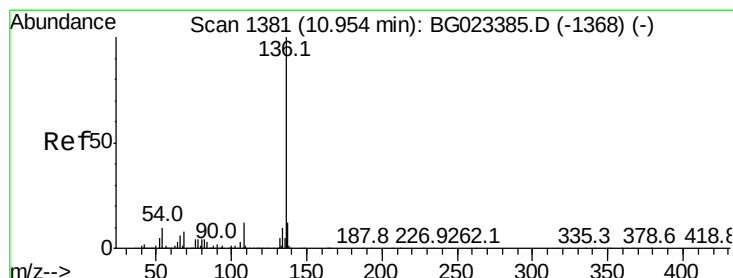
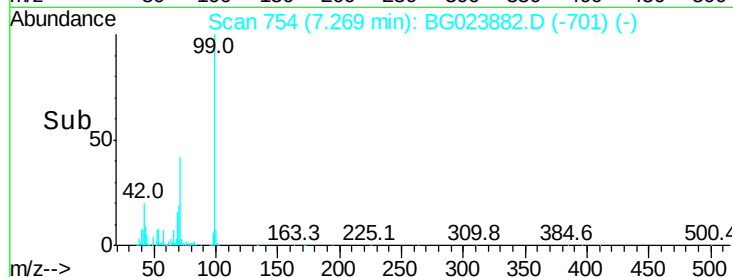
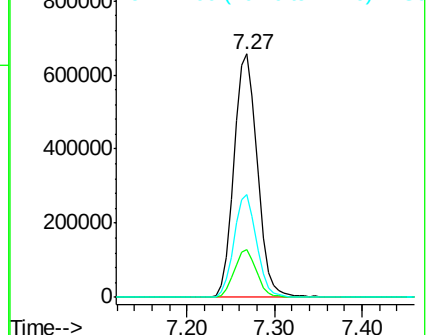
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	42.3	41.5	62.3



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: 10.94 min Scan# 1379

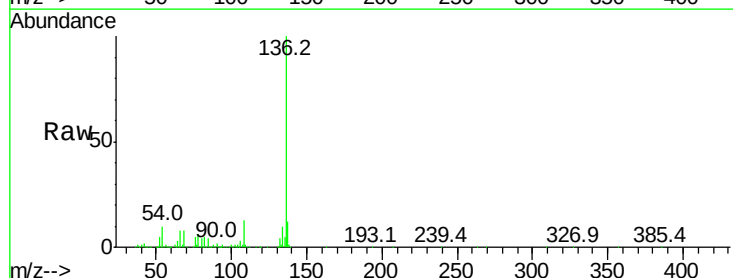
Delta R.T. 0.01 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

Tgt Ion: 136 Resp: 682734

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.3	10.9
68	8.3	5.3	7.9#

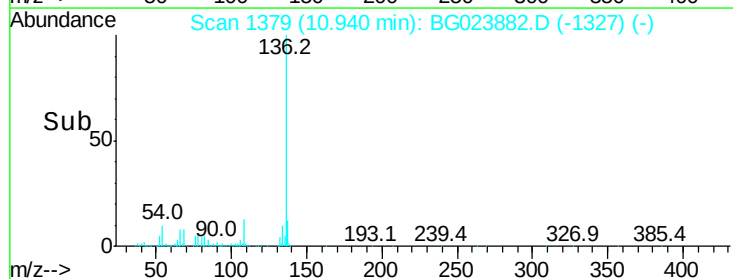
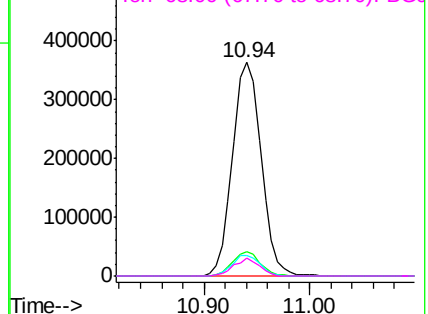


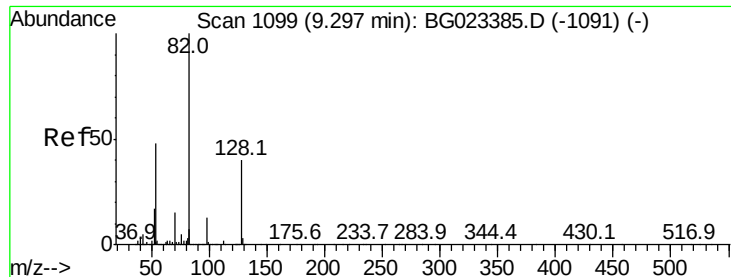
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

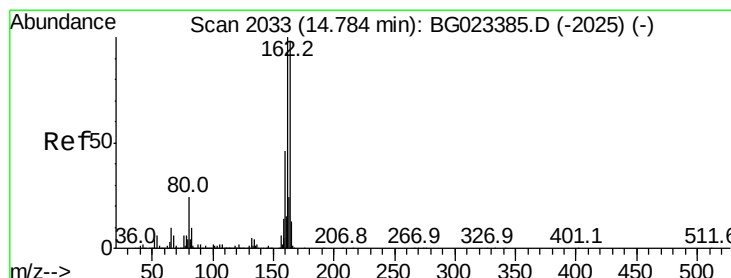
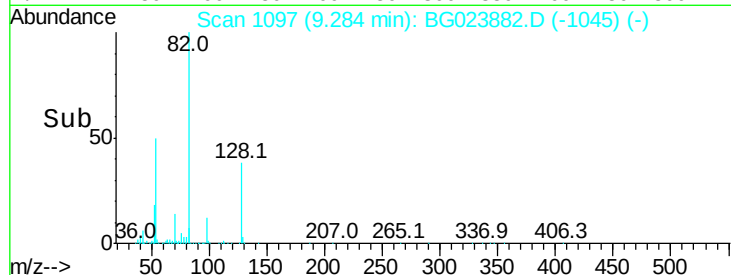
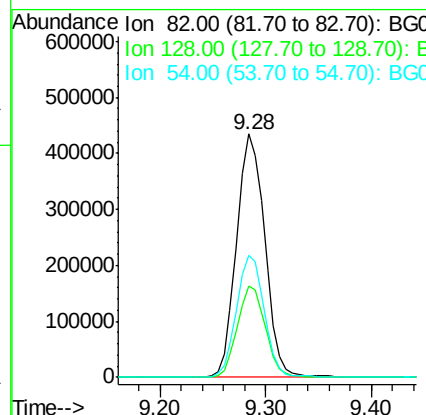
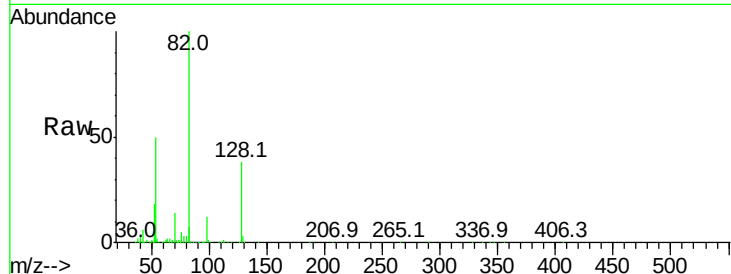




#23
 Nitrobenzene-d5
 Concen: 58.59 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BG023882.D
 Acq: 24 Aug 2016 10:53

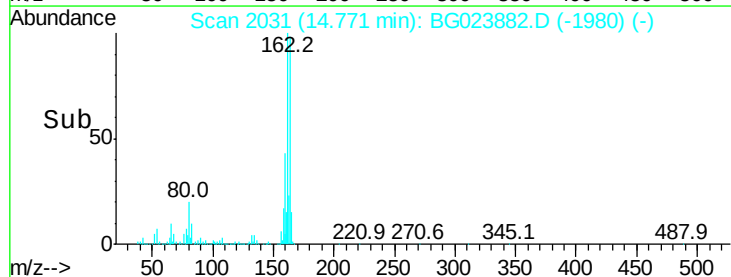
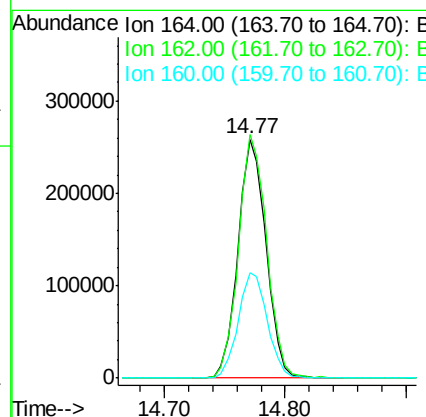
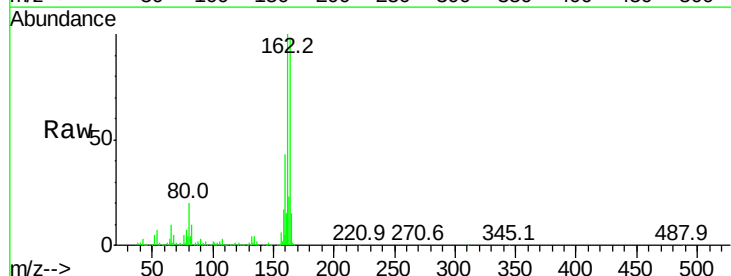
Instrument :
 BNA_G
 ClientSampleID :
 PB93011BL

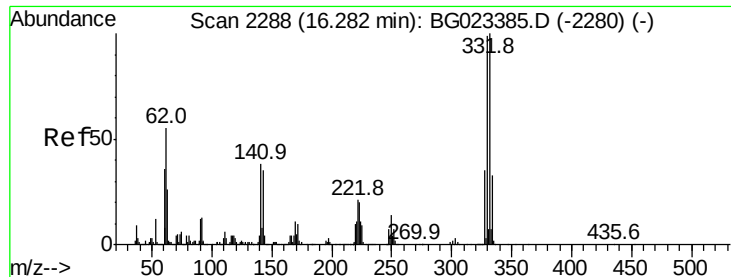
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	24.4	36.6#
54	50.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG023882.D
 Acq: 24 Aug 2016 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	44.2	37.2	55.8

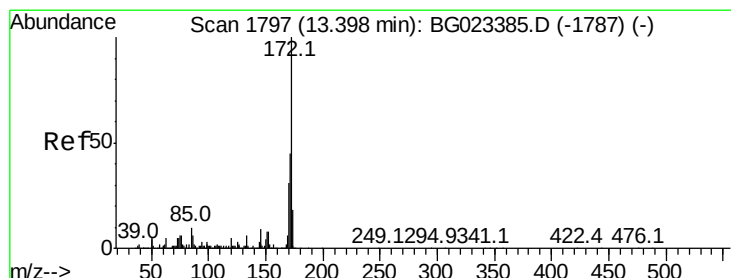
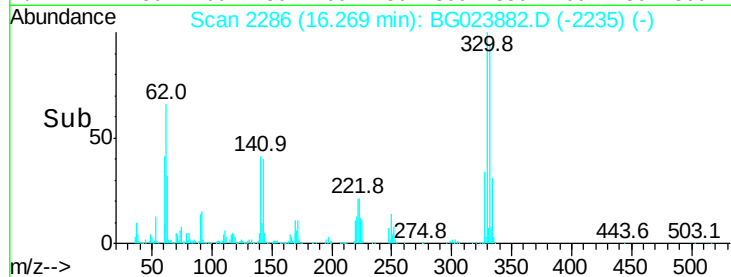
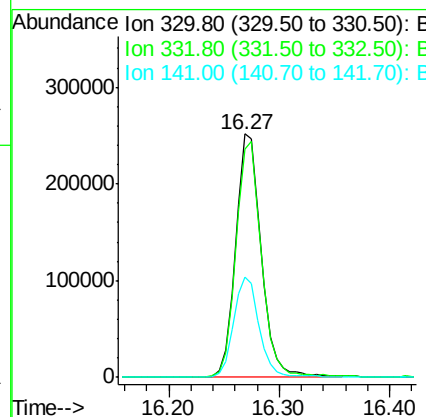
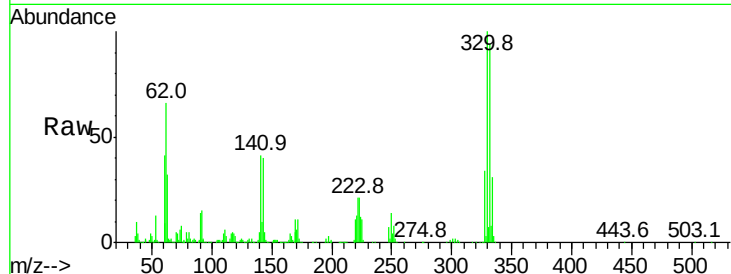




#41
 2,4,6-Tribromophenol
 Concen: 66.96 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023882.D
 Acq: 24 Aug 2016 10:53

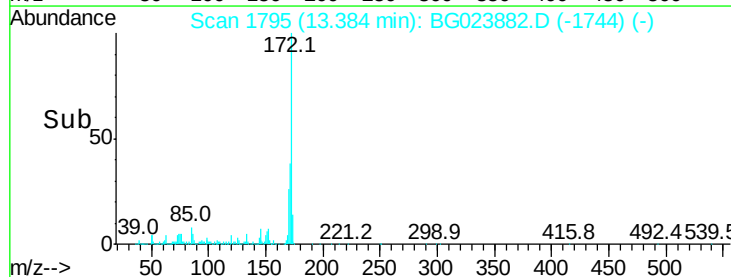
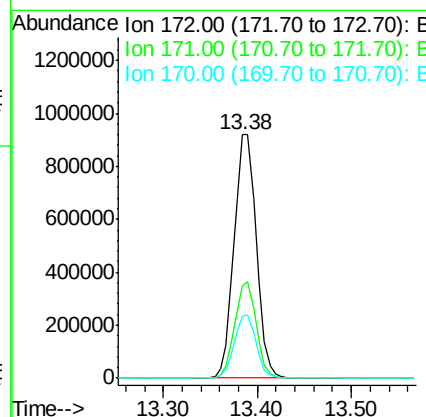
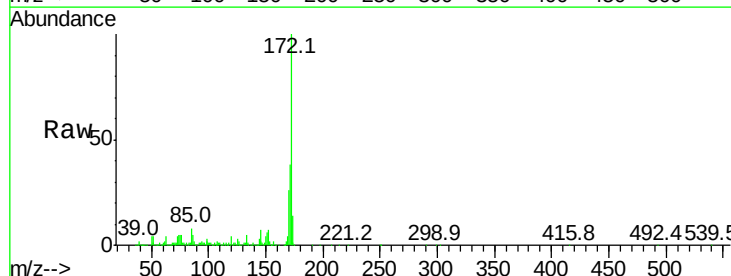
Instrument :
 BNA_G
 ClientSampleId :
 PB93011BL

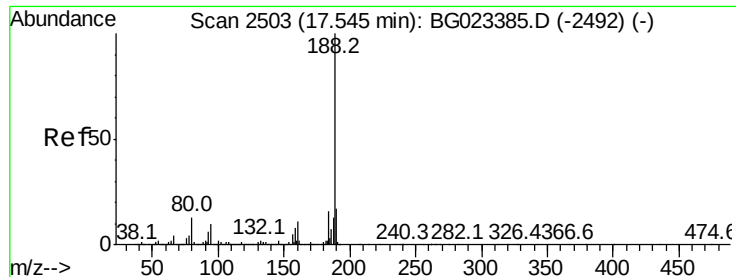
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	41.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 61.04 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG023882.D
 Acq: 24 Aug 2016 10:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.6	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

Instrument :

BNA_G

ClientSampleId :

PB93011BL

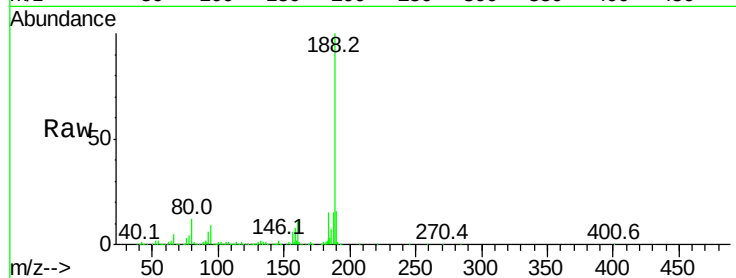
Tot Ion:188 Resp: 933833

Ion Ratio Lower Upper

188 100

94 8.5 5.2 7.8#

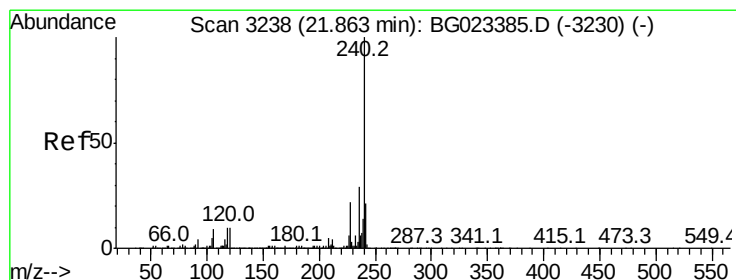
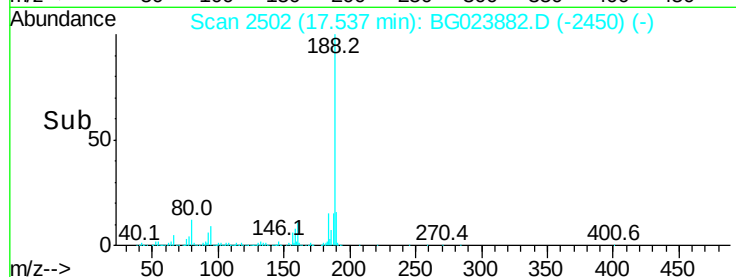
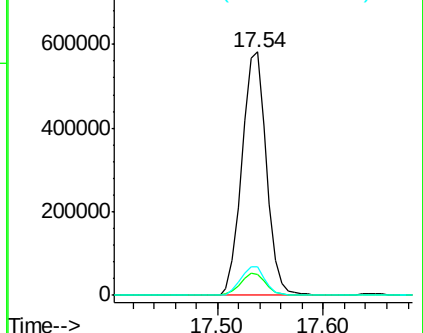
80 11.5 7.2 10.8#



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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

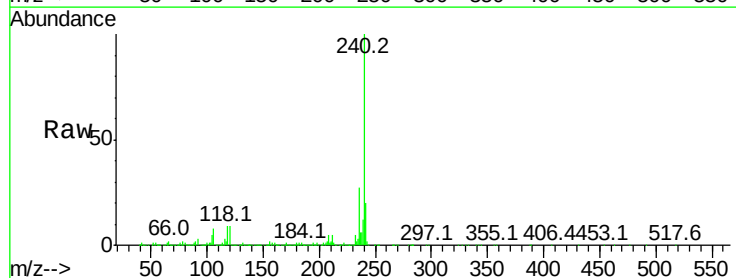
Tgt Ion:240 Resp: 1024442

Ion Ratio Lower Upper

240 100

120 9.3 4.1 6.1#

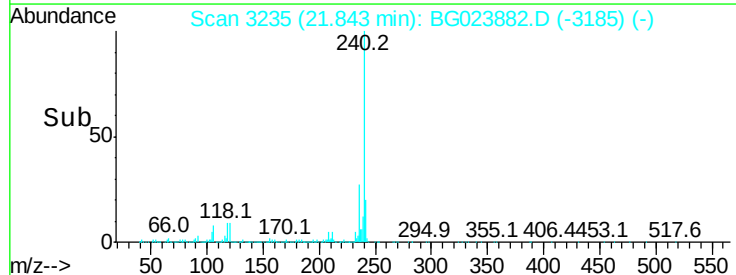
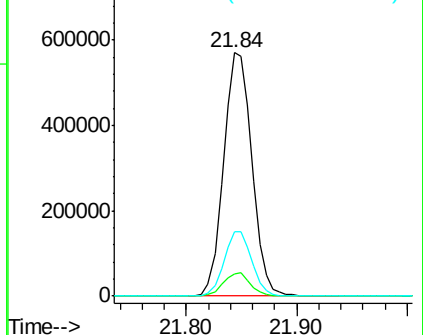
236 26.7 21.1 31.7

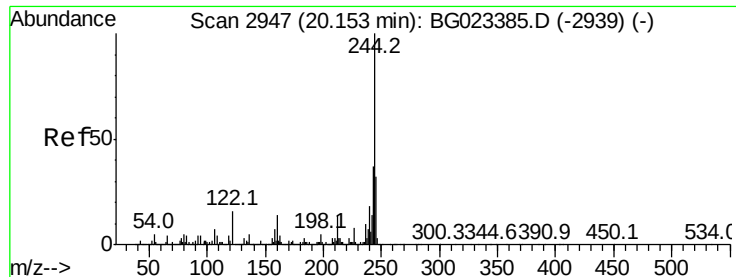


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.82 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

Instrument :

BNA_G

ClientSampleId :

PB93011BL

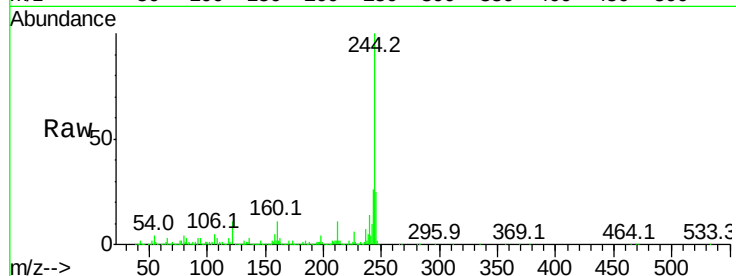
Tot Ion:244 Resp: 2017111

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

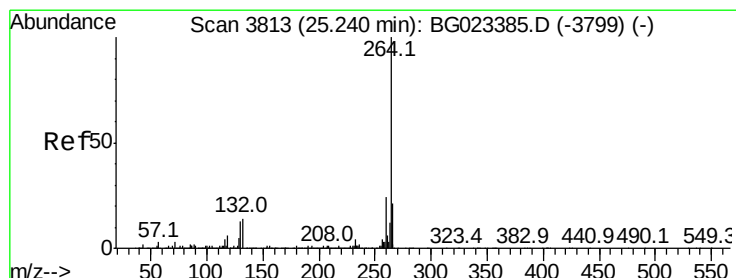
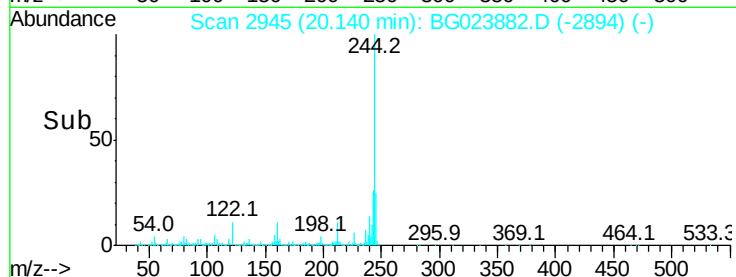
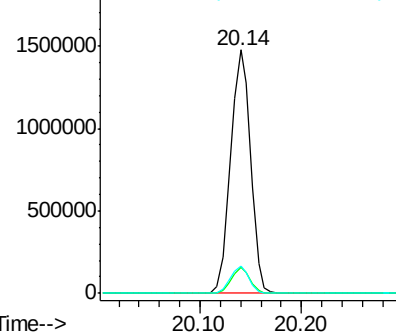
122 11.3 8.0 12.0



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: 25.23 min Scan# 3811

Delta R.T. 0.00 min

Lab File: BG023882.D

Acq: 24 Aug 2016 10:53

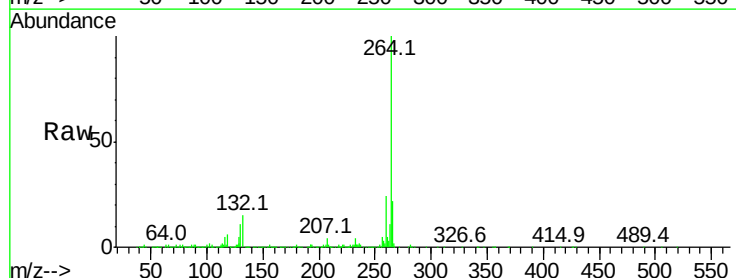
Tgt Ion:264 Resp: 994911

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.3 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

