

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023848.D
 Acq On : 23 Aug 2016 11:52
 Operator : UM/SJ
 Sample : PB93006BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93006BL

Quant Time: Aug 24 01:30:20 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	109521	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	454458	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	288506	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	698673	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	770842	20.00	ng	-0.02
86) Perylene-d12	25.22	264	743815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	891304	136.99	ng	-0.02
7) Phenol-d6	7.25	99	1243271	122.68	ng	-0.02
23) Nitrobenzene-d5	9.27	82	836955	91.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	498688	118.17	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1628880	95.23	ng	-0.02
78) Terphenyl-d14	20.13	244	2346308	98.23	ng	-0.02

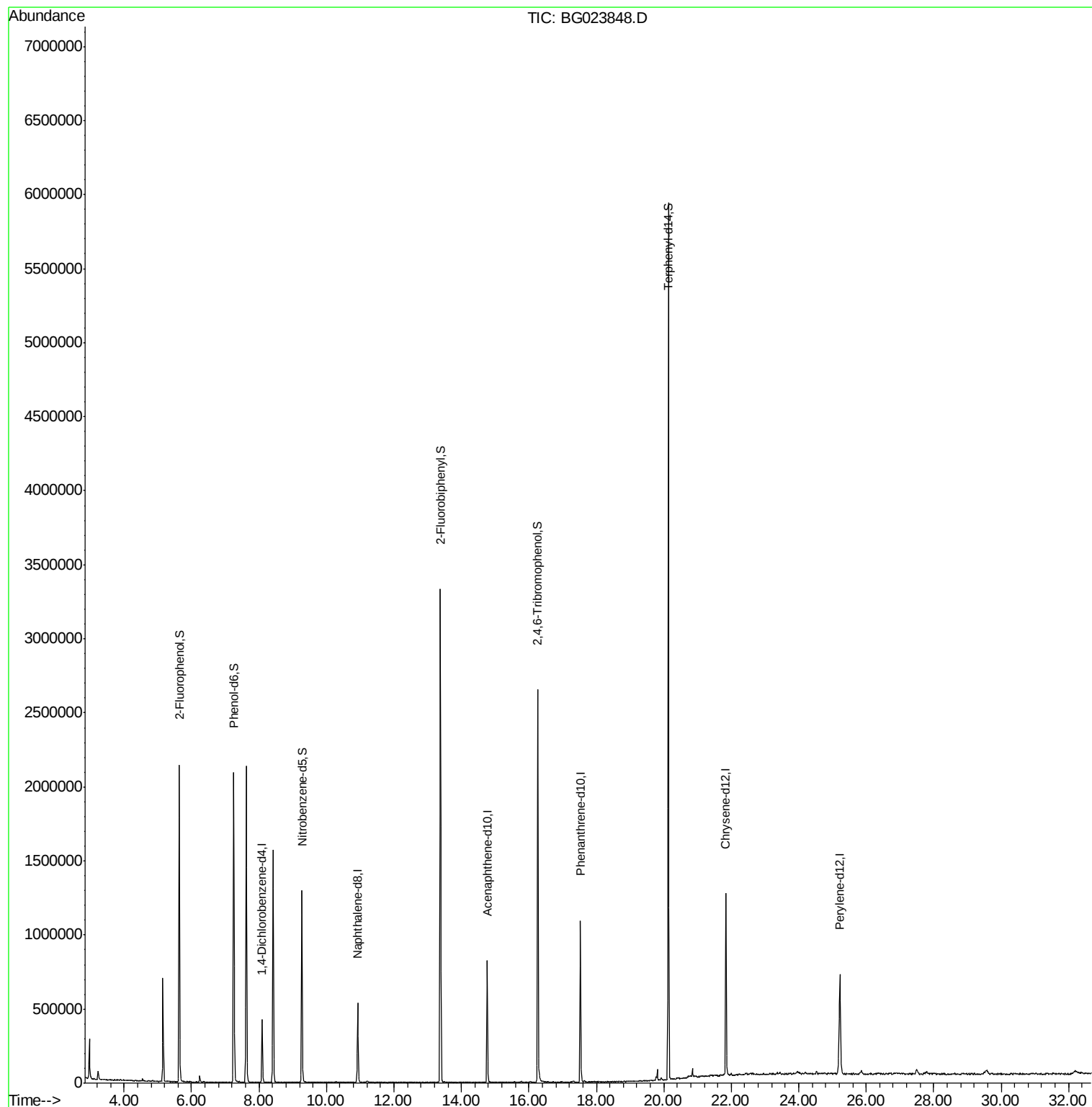
Target Compounds Qvalue

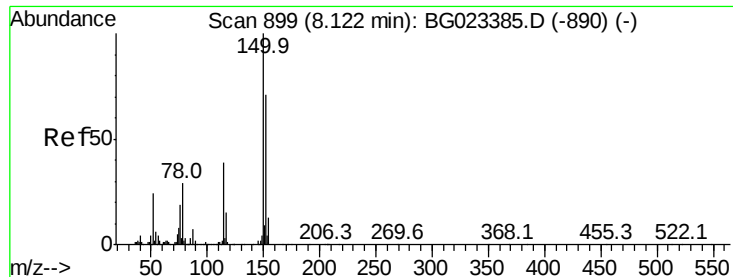
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

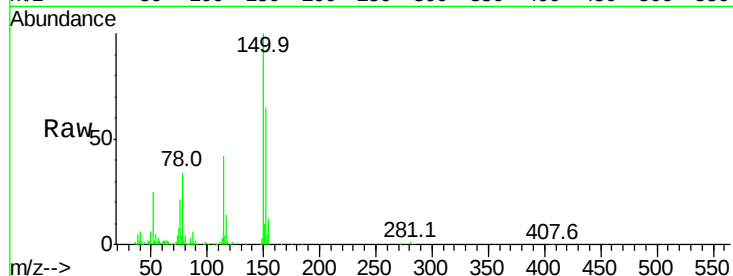
Tot Ion:152 Resp: 109521

Ion Ratio Lower Upper

152 100

150 153.0 144.7 217.1

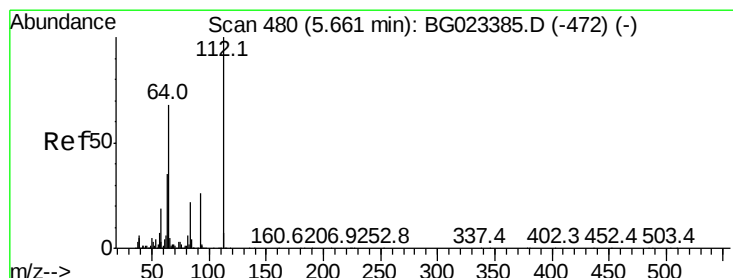
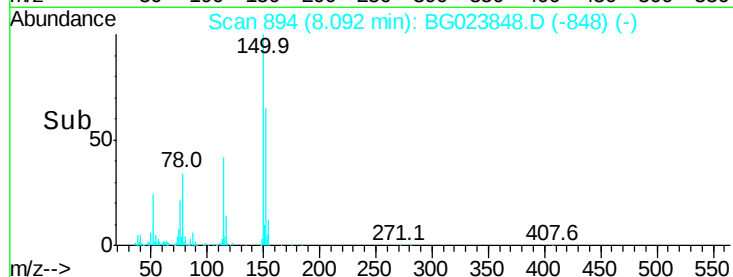
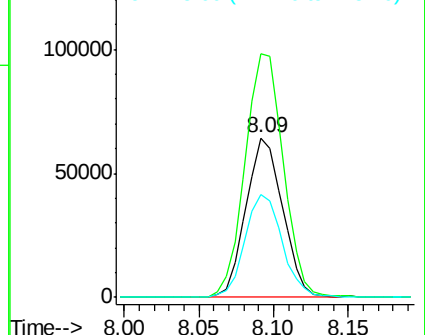
115 64.3 64.0 96.0



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: 136.99 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

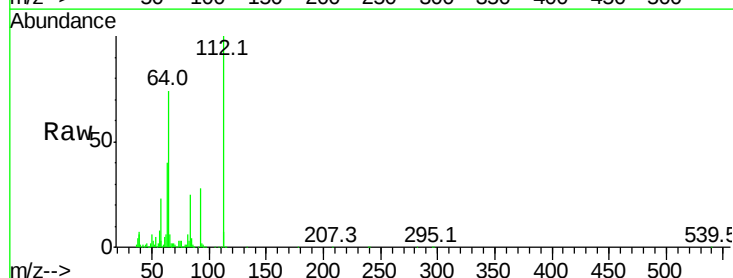
Tgt Ion:112 Resp: 891304

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

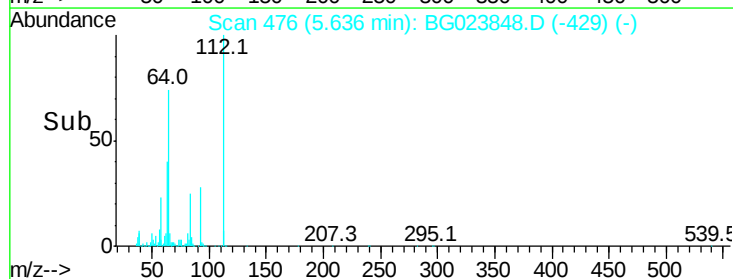
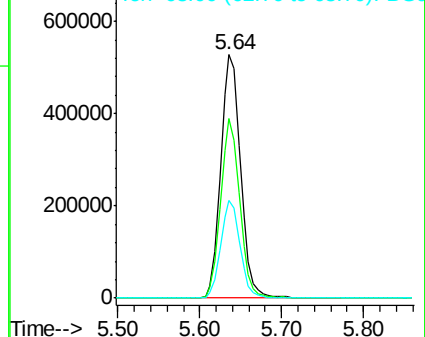
63 40.1 37.8 56.8

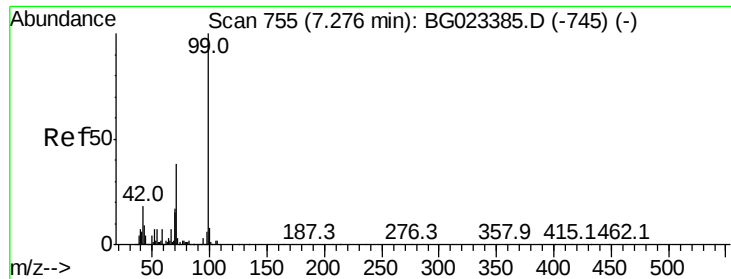


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.68 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

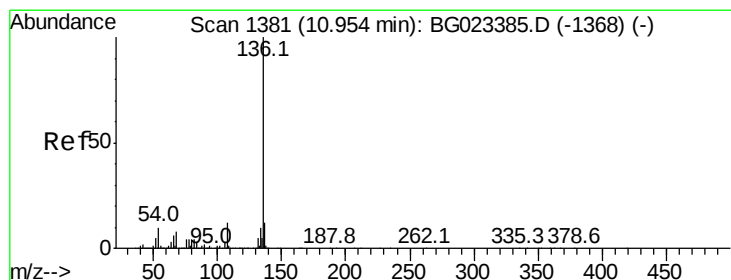
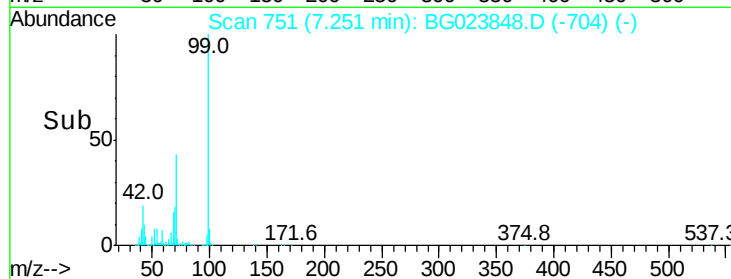
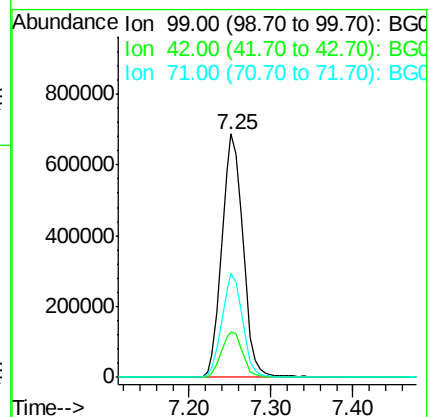
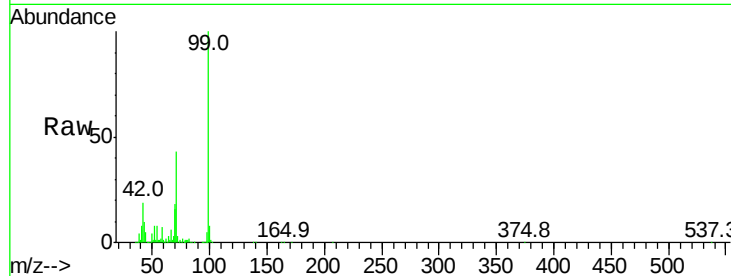
Tot Ion: 99 Resp: 1243271

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	42.8	41.5	62.3

99 100

42 18.5 17.8 26.6

71 42.8 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Tgt Ion: 136 Resp: 454458

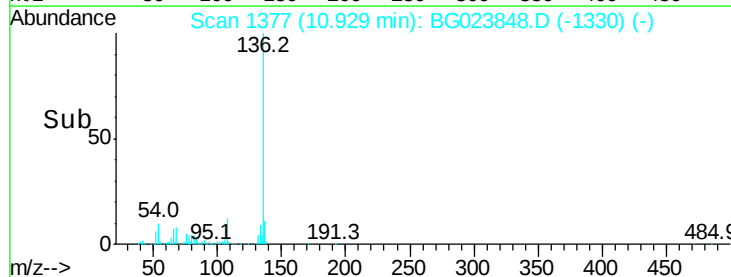
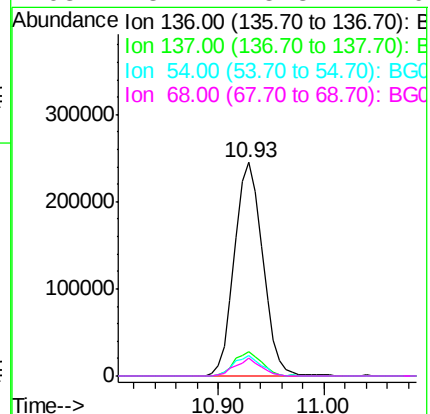
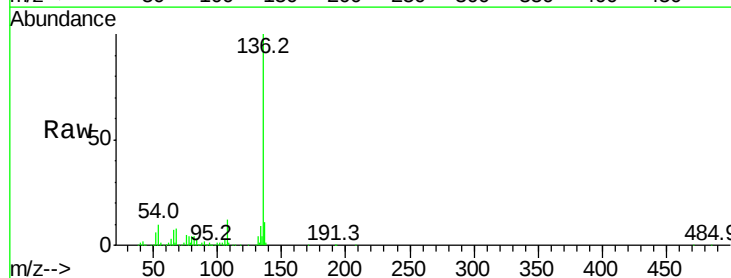
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	7.3	10.9
68	8.1	5.3	7.9

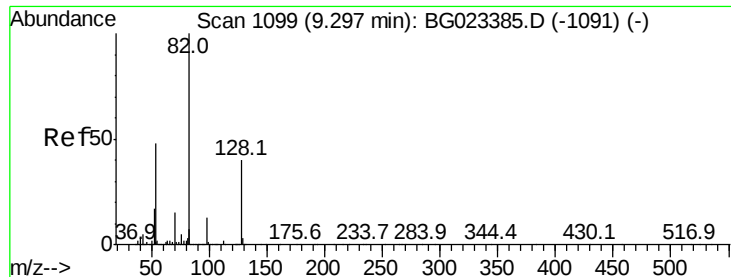
136 100

137 11.2 9.6 14.4

54 9.6 7.3 10.9

68 8.1 5.3 7.9#

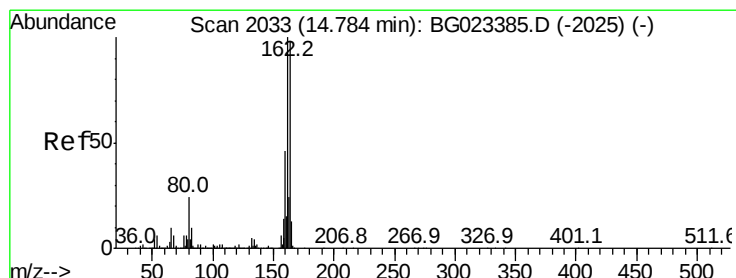
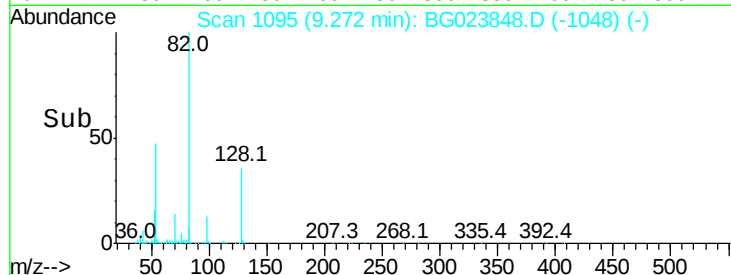
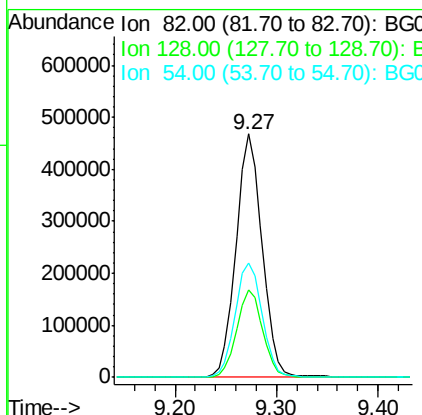
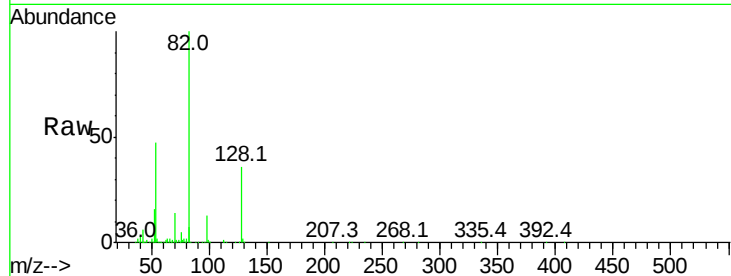




#23
 Nitrobenzene-d5
 Concen: 91.56 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

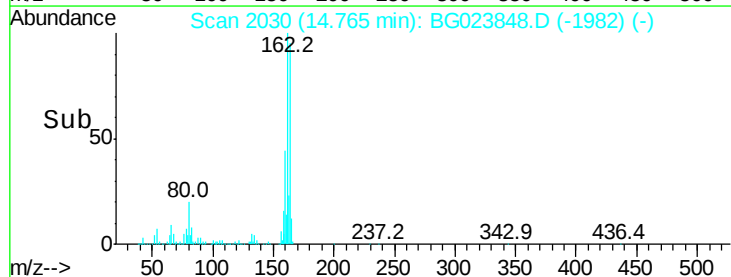
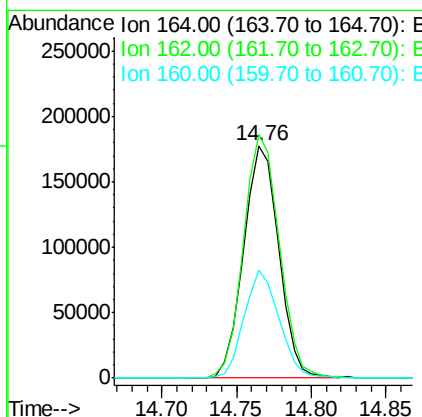
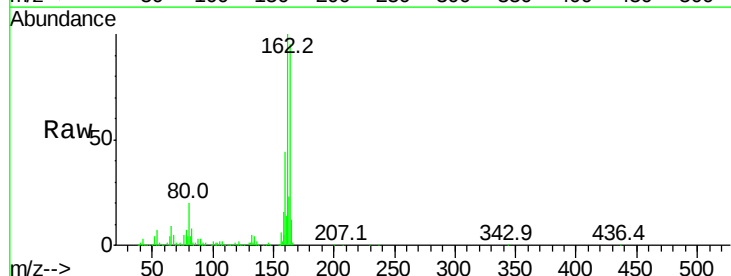
Instrument :
 BNA_G
 ClientSampleId :
 PB93006BL

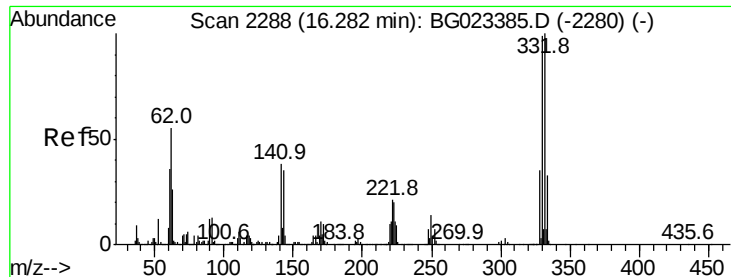
Tot Ion	82	Resp	836955
Ion Ratio	Lower	Upper	
82	100		
128	35.7	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

Tgt Ion	164	Resp	288506
Ion Ratio	Lower	Upper	
164	100		
162	104.8	87.7	131.5
160	46.6	37.2	55.8

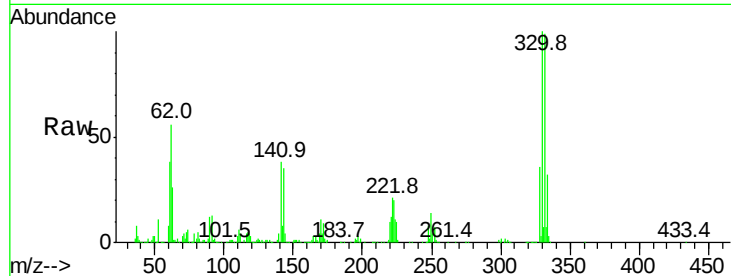




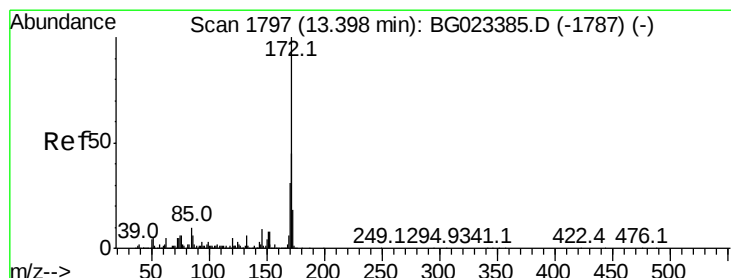
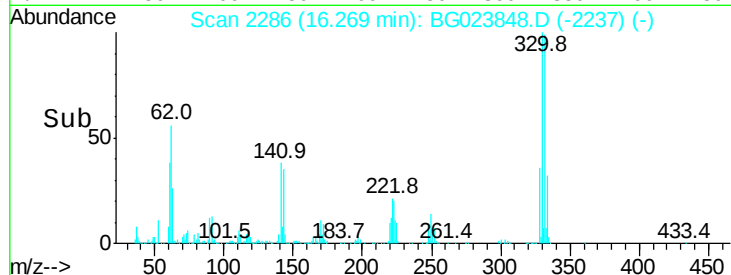
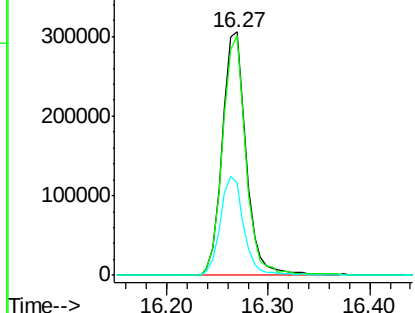
#41
 2,4,6-Tribromophenol
 Concen: 118.17 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB93006BL

Tot Ion:330 Resp: 498688
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 40.2 31.7 47.5

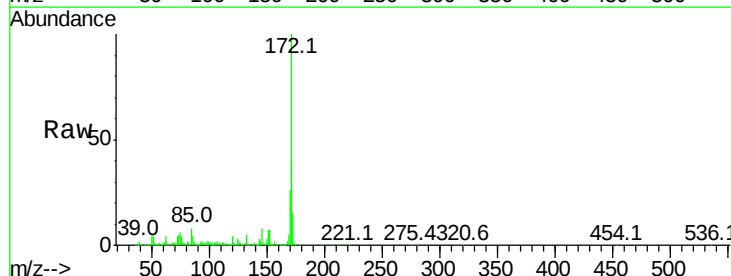


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

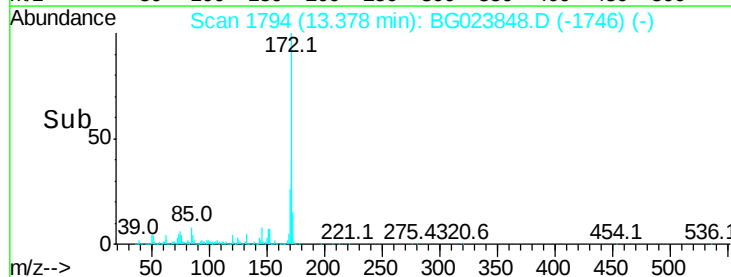
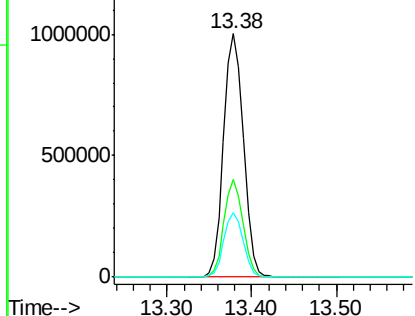


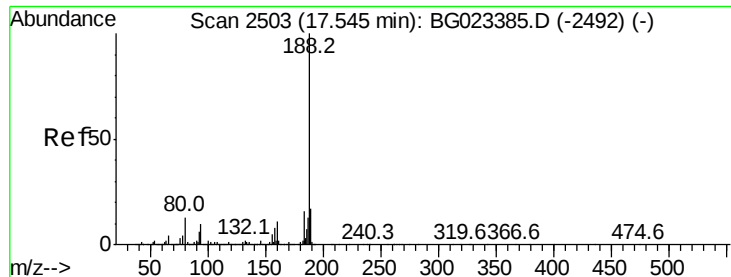
#44
 2-Fluorobiphenyl
 Concen: 95.23 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

Tgt Ion:172 Resp: 1628880
 Ion Ratio Lower Upper
 172 100
 171 40.0 31.6 47.4
 170 26.4 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: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampled :

PB93006BL

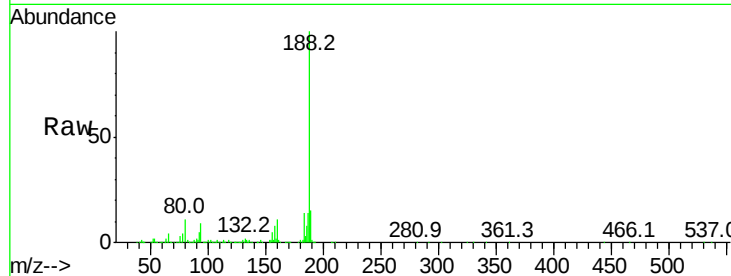
Tot Ion:188 Resp: 698673

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

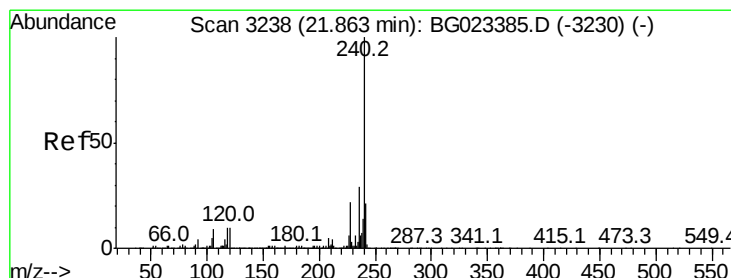
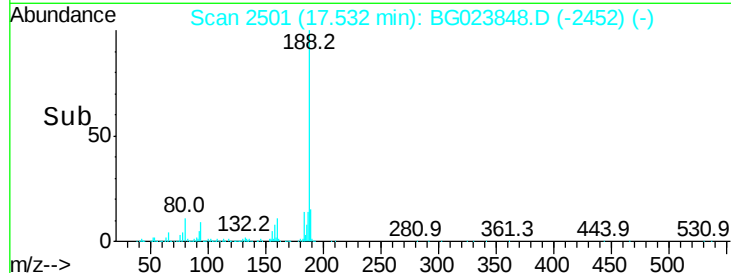
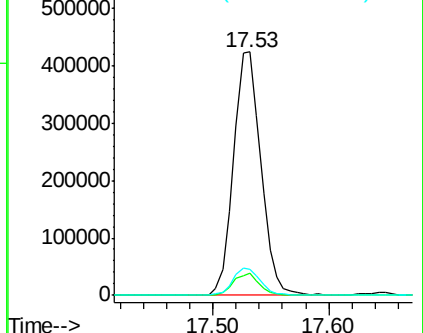
80 10.8 7.2 10.8#



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. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

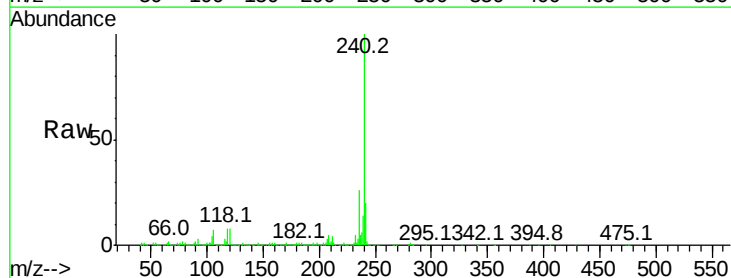
Tgt Ion:240 Resp: 770842

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

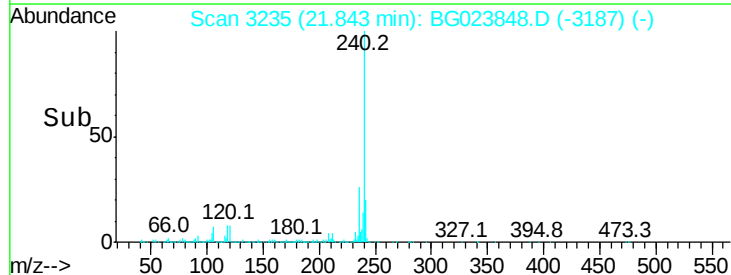
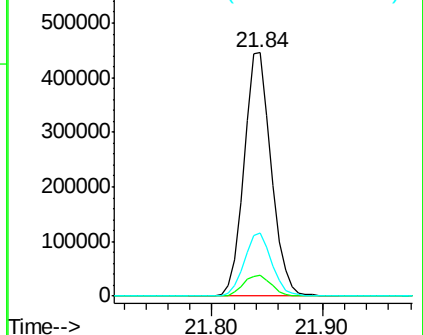
236 25.8 21.1 31.7

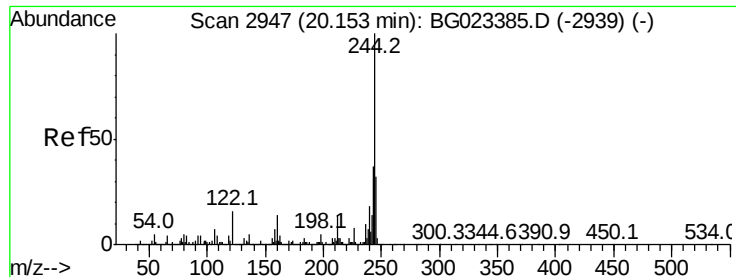


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.23 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

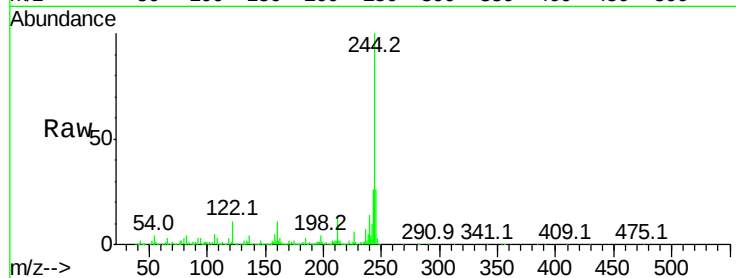
Tot Ion:244 Resp: 2346308

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.8	16.2
122	11.4	8.0	12.0

244 100

212 11.6 10.8 16.2

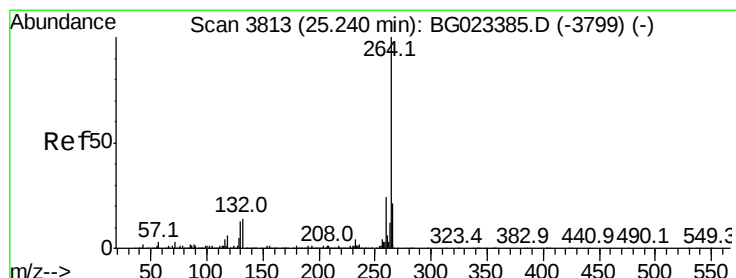
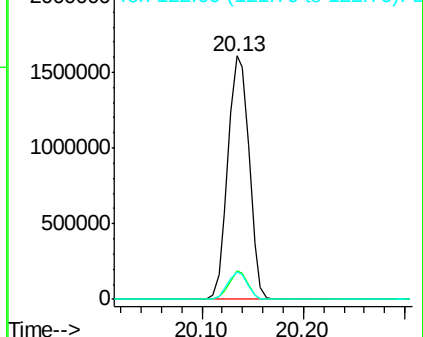
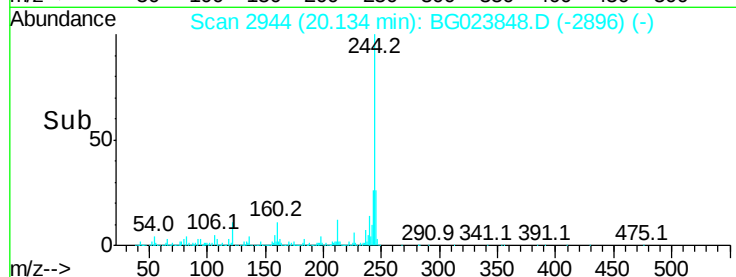
122 11.4 8.0 12.0



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: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

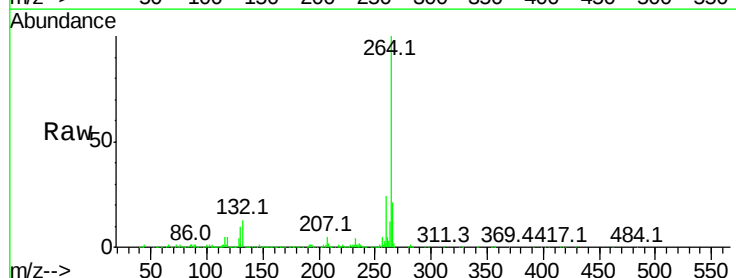
Tgt Ion:264 Resp: 743815

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	18.9	28.3

264 100

260 23.9 18.4 27.6

265 21.3 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

