

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
 Data File : BG023957.D
 Acq On : 7 Sep 2016 17:47
 Operator : UM/SJ
 Sample : PB93285BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93285BL

Quant Time: Sep 08 08:59:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44958	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	180606	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	123843	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	336537	20.00	ng	0.00
75) Chrysene-d12	21.83	240	378771	20.00	ng	-0.02
86) Perylene-d12	25.19	264	359161	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	360039	140.60	ng	0.00
7) Phenol-d6	7.26	99	513536	130.28	ng	0.00
23) Nitrobenzene-d5	9.27	82	374860	92.66	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	295016	132.22	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	779894	90.29	ng	0.00
78) Terphenyl-d14	20.13	244	1506774	90.60	ng	0.00

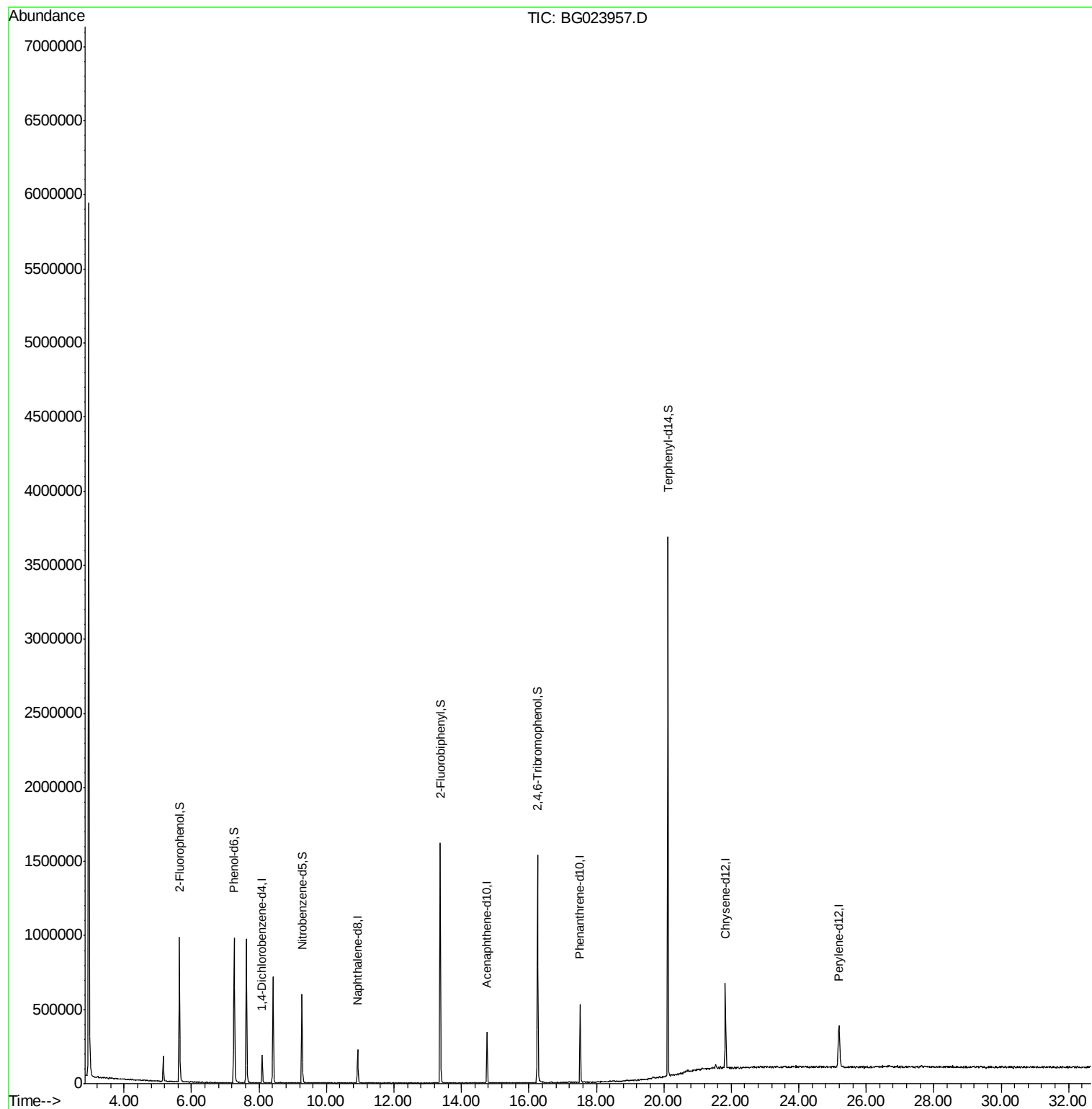
Target Compounds	Qvalue
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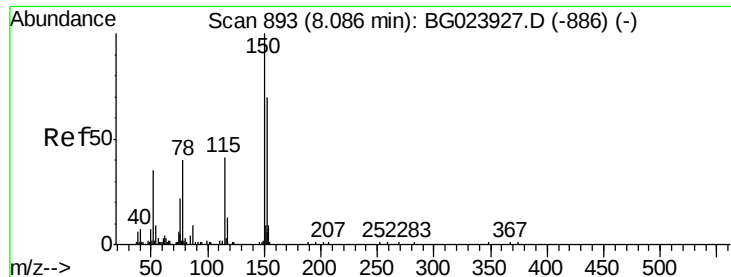
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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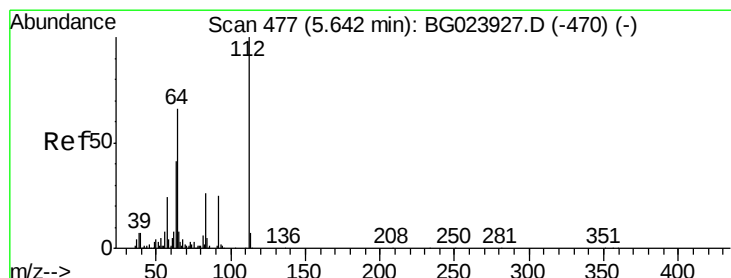
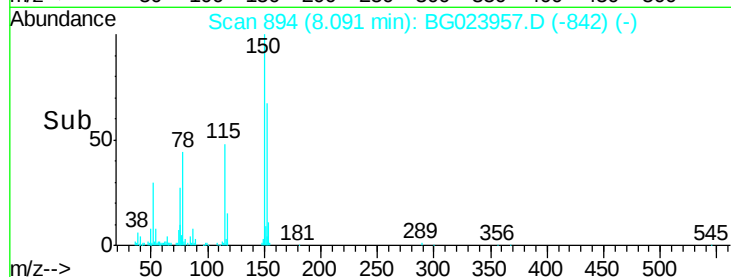
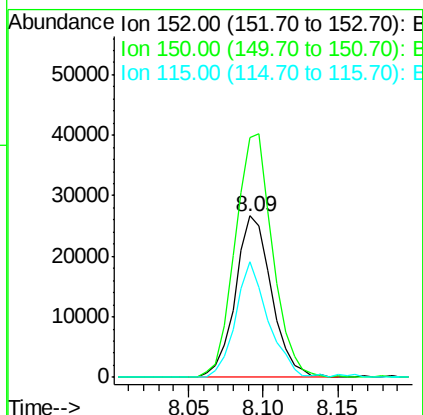
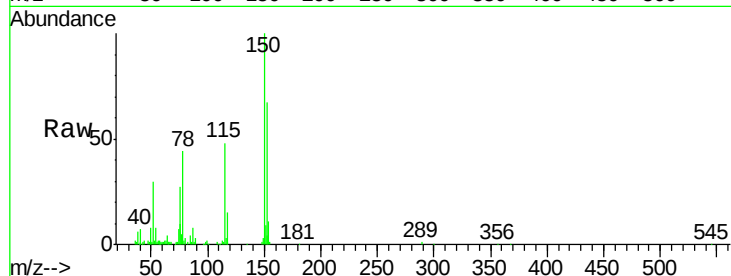


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.01 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Instrument :
BNA_G
ClientSampleId :
PB93285BL

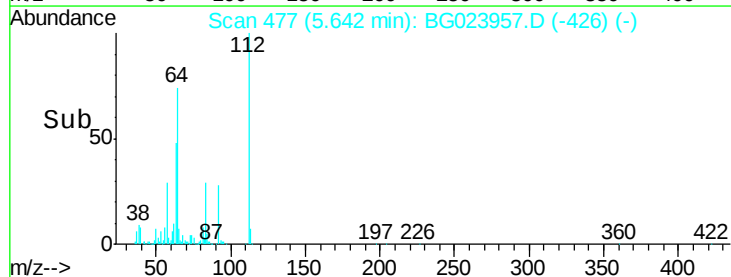
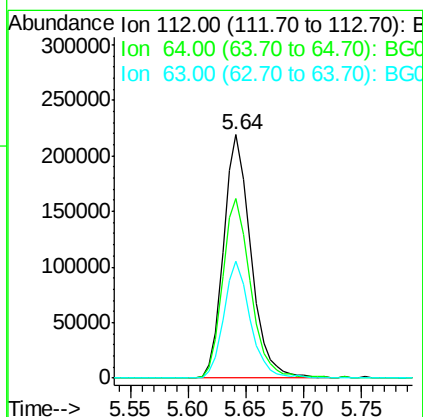
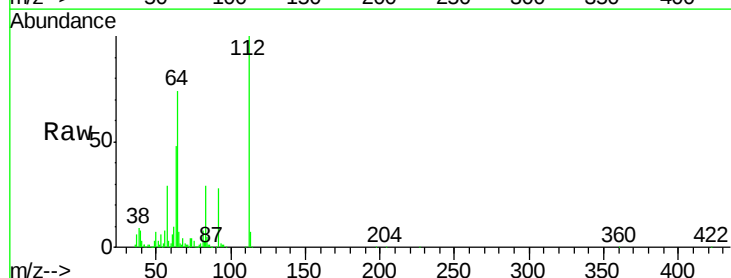
Tgt Ion:152 Resp: 44958
Ion Ratio Lower Upper
152 100
150 148.4 144.7 217.1
115 71.6 64.0 96.0

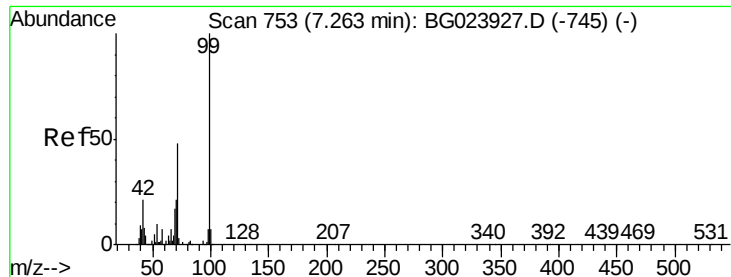


#5

2-Fluorophenol
Concen: 140.60 ng
RT: 5.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Tgt Ion:112 Resp: 360039
Ion Ratio Lower Upper
112 100
64 74.0 59.0 88.4
63 47.8 37.8 56.8





#7

Phenol-d6

Concen: 130.28 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

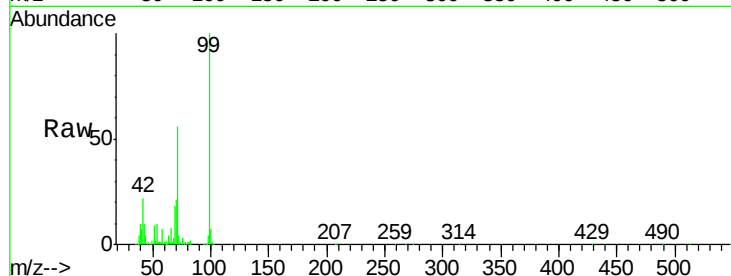
Tgt Ion: 99 Resp: 513536

Ion Ratio Lower Upper

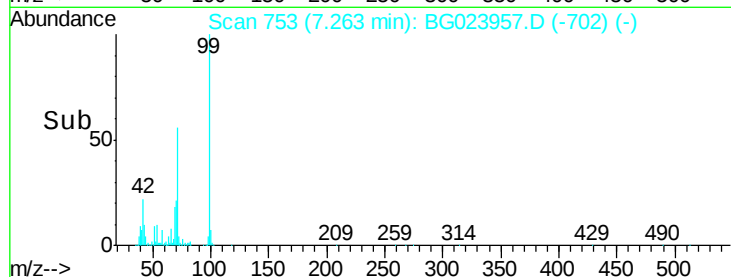
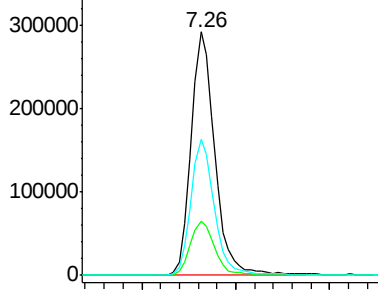
99 100

42 22.4 17.8 26.6

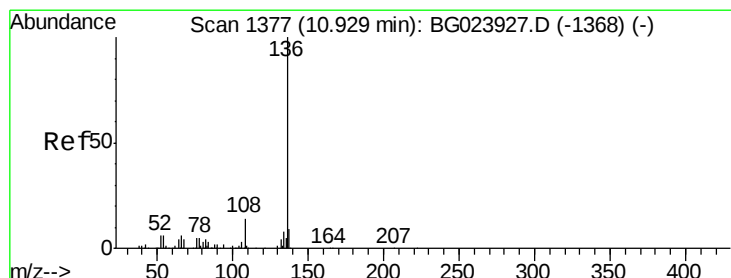
71 56.1 41.5 62.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Tgt Ion: 136 Resp: 180606

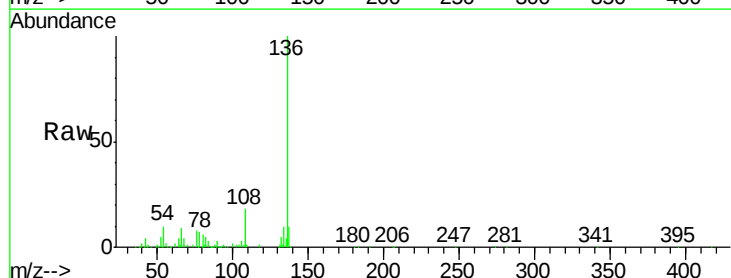
Ion Ratio Lower Upper

136 100

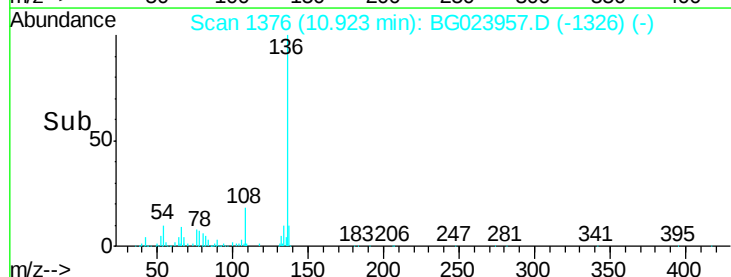
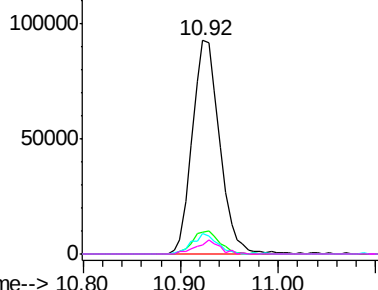
137 10.4 9.6 14.4

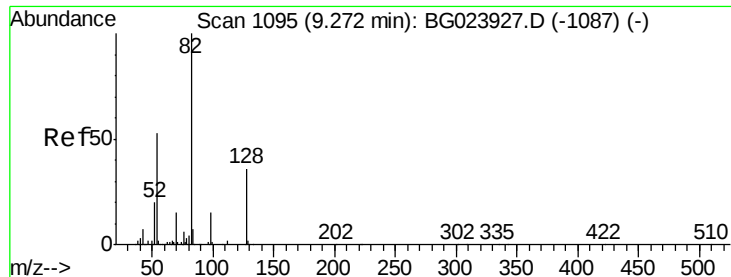
54 9.9 7.3 10.9

68 4.0 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

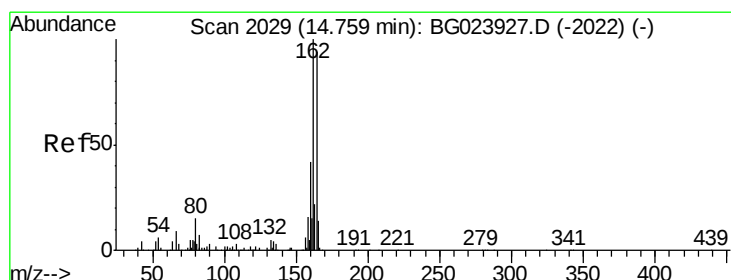
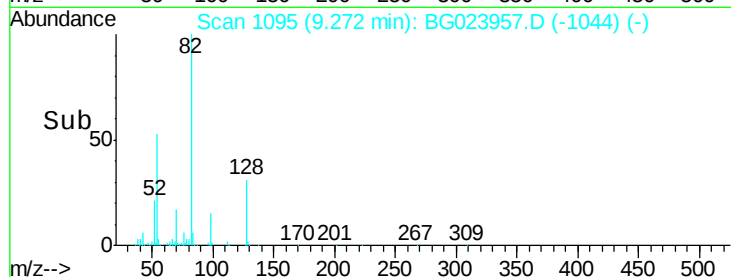
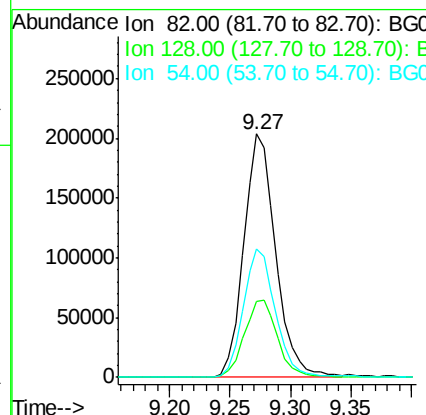
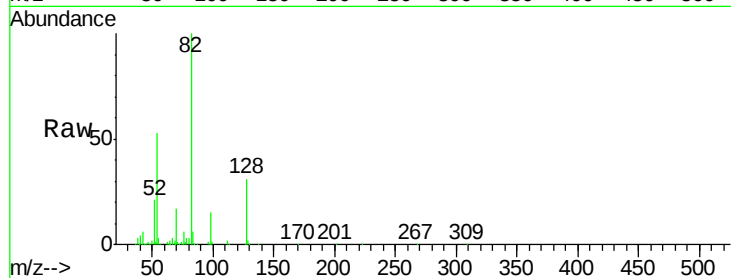




#23
 Nitrobenzene-d5
 Concen: 92.66 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

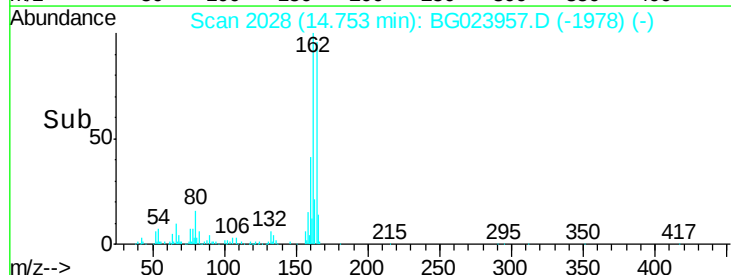
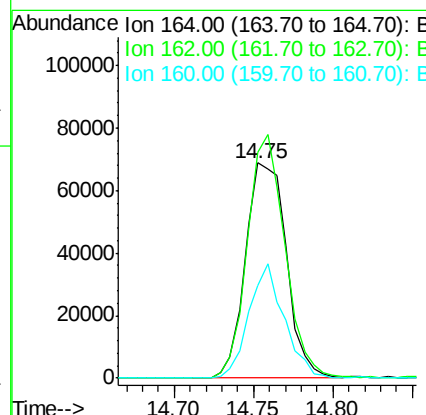
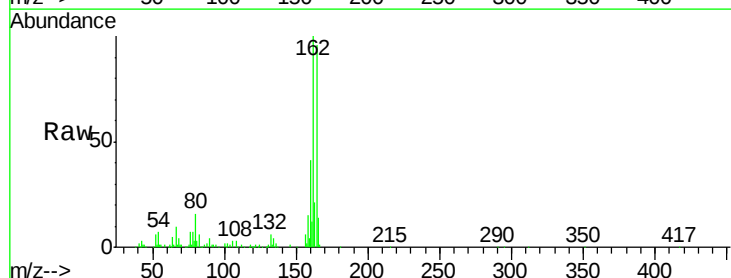
Instrument :
 BNA_G
 ClientSampled :
 PB93285BL

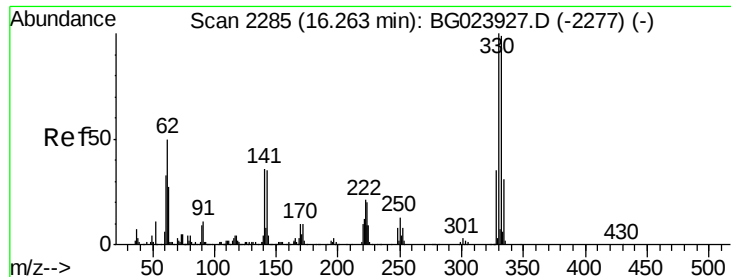
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.4	36.6
54	52.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	87.7	131.5
160	42.8	37.2	55.8

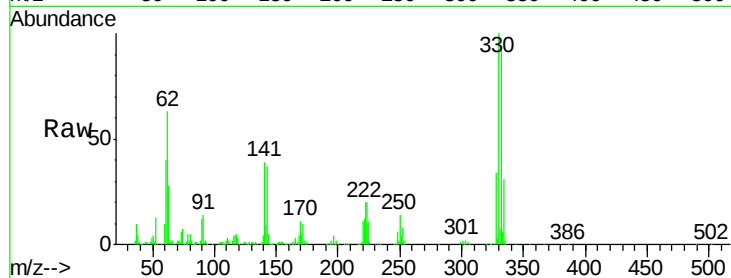




#41
 2,4,6-Tribromophenol
 Concen: 132.22 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Instrument :
 BNA_G
 ClientSampleID :
 PB93285BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.4	116.2
141	38.8	31.7	47.5

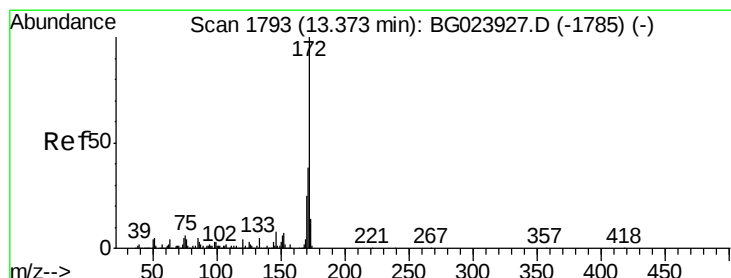
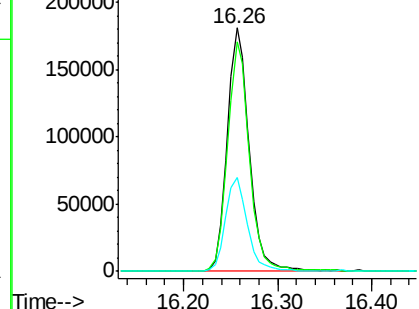
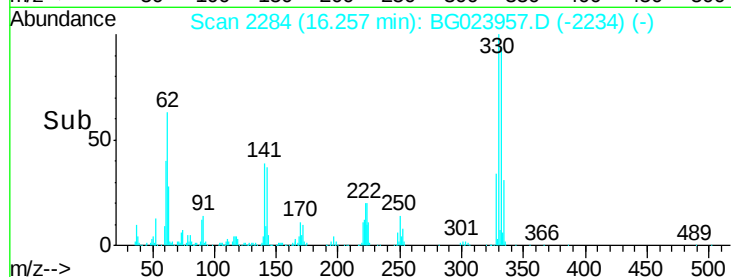


Abundance

Ion 329.80 (329.50 to 330.50): E

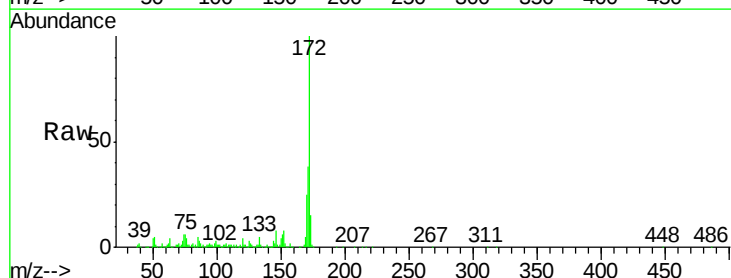
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.29 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.6	47.4
170	25.4	21.3	31.9

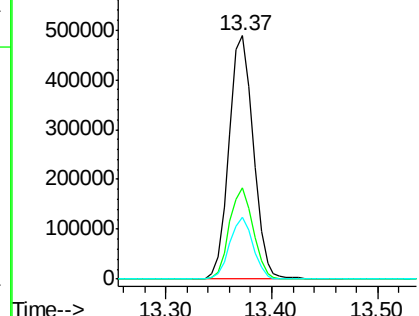
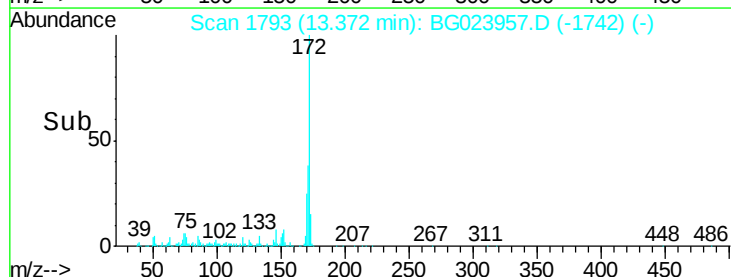


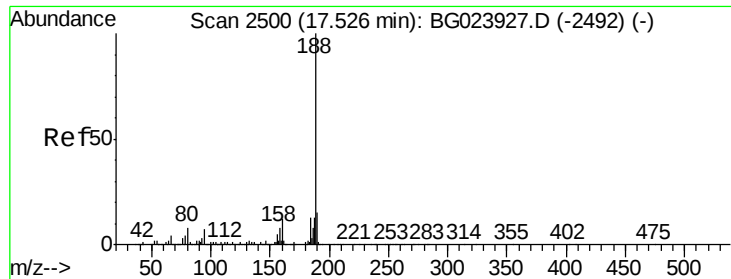
Abundance

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: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

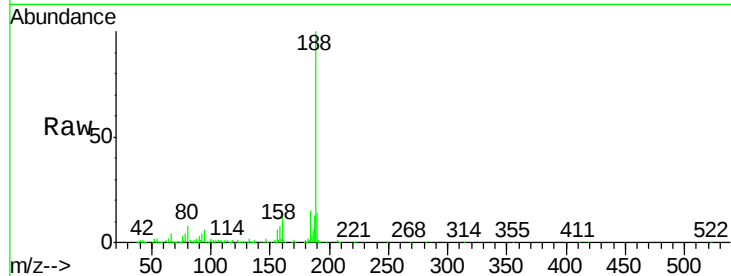
Tgt Ion:188 Resp: 336537

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

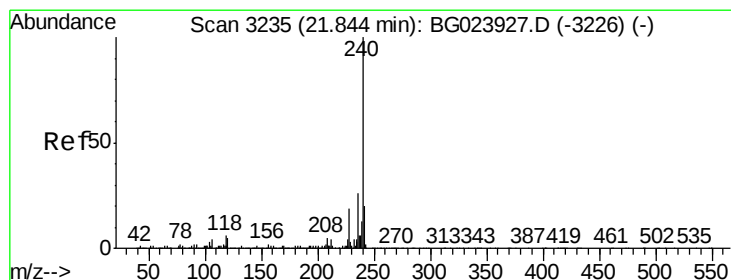
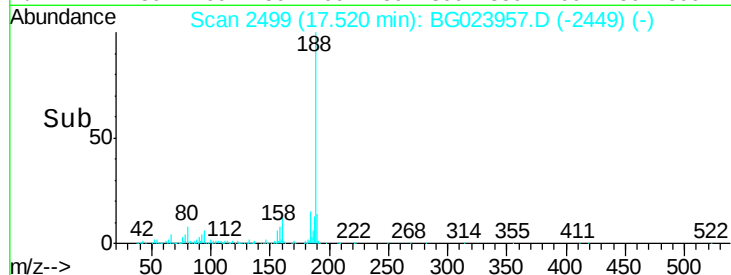
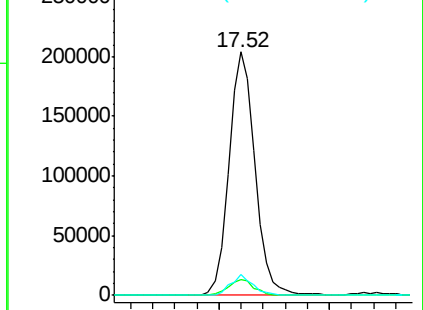
80 8.4 7.2 10.8



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: 21.83 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

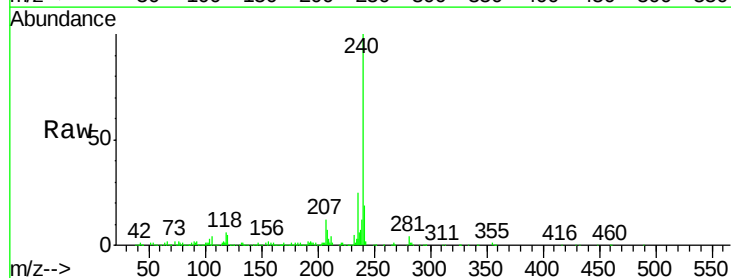
Tgt Ion:240 Resp: 378771

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

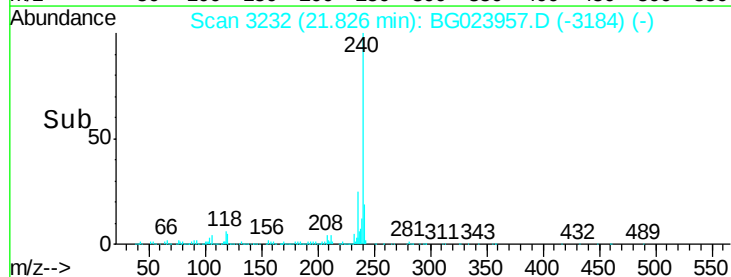
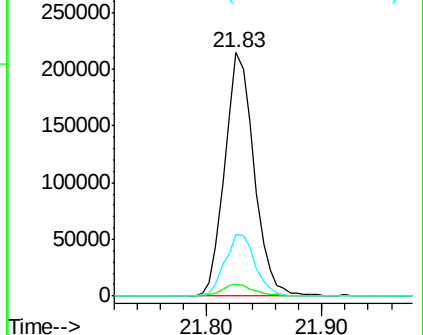
236 25.2 21.1 31.7

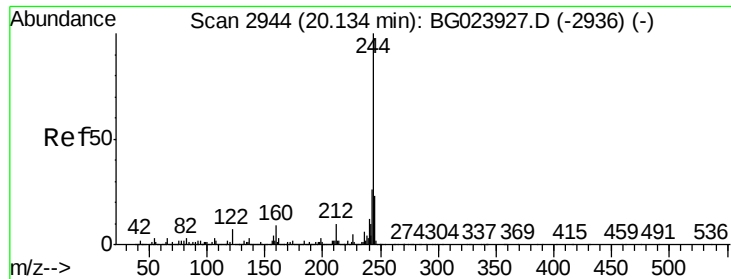


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

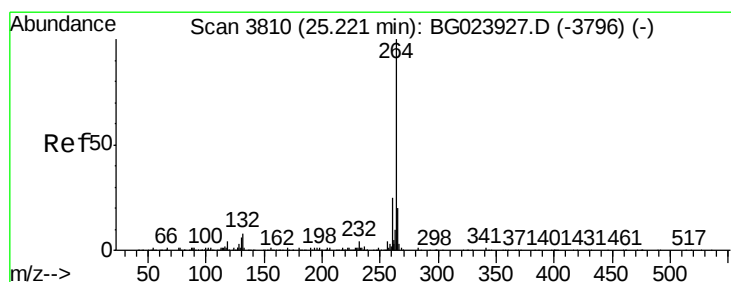
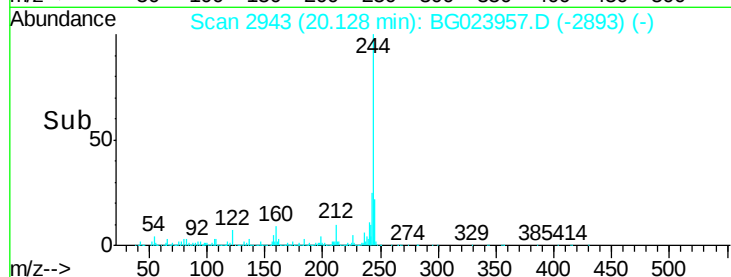
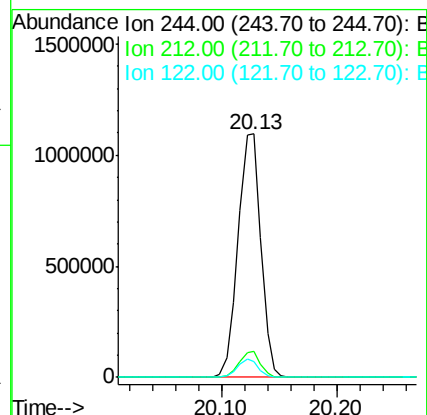
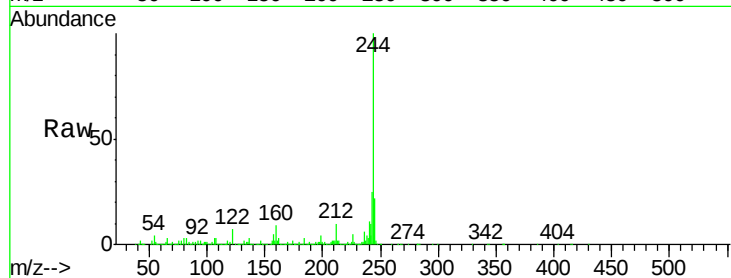




#78
 Terphenyl-d14
 Concen: 90.60 ng
 RT: 20.13 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Instrument :
 BNA_G
 ClientSampled :
 PB93285BL

Tgt Ion:244 Resp: 1506774
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.8 16.2#
 122 6.7 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.19 min Scan# 3805
 Delta R.T. -0.03 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Tgt Ion:264 Resp: 359161
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.4 27.6
 265 19.8 18.9 28.3

