

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023972.D
 Acq On : 9 Sep 2016 10:59
 Operator : UM/SJ
 Sample : PB93297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Quant Time: Sep 09 13:00:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 12:43:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	36668	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	164214	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	134113	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	409611	20.00	ng	0.00
75) Chrysene-d12	21.84	240	426716	20.00	ng	0.00
86) Perylene-d12	25.20	264	410847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312454	149.60	ng	-0.01
7) Phenol-d6	7.26	99	472183	146.87	ng	-0.02
23) Nitrobenzene-d5	9.27	82	340094	92.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	343837	142.30	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	762373	81.50	ng	0.00
78) Terphenyl-d14	20.13	244	1612494	86.06	ng	0.00

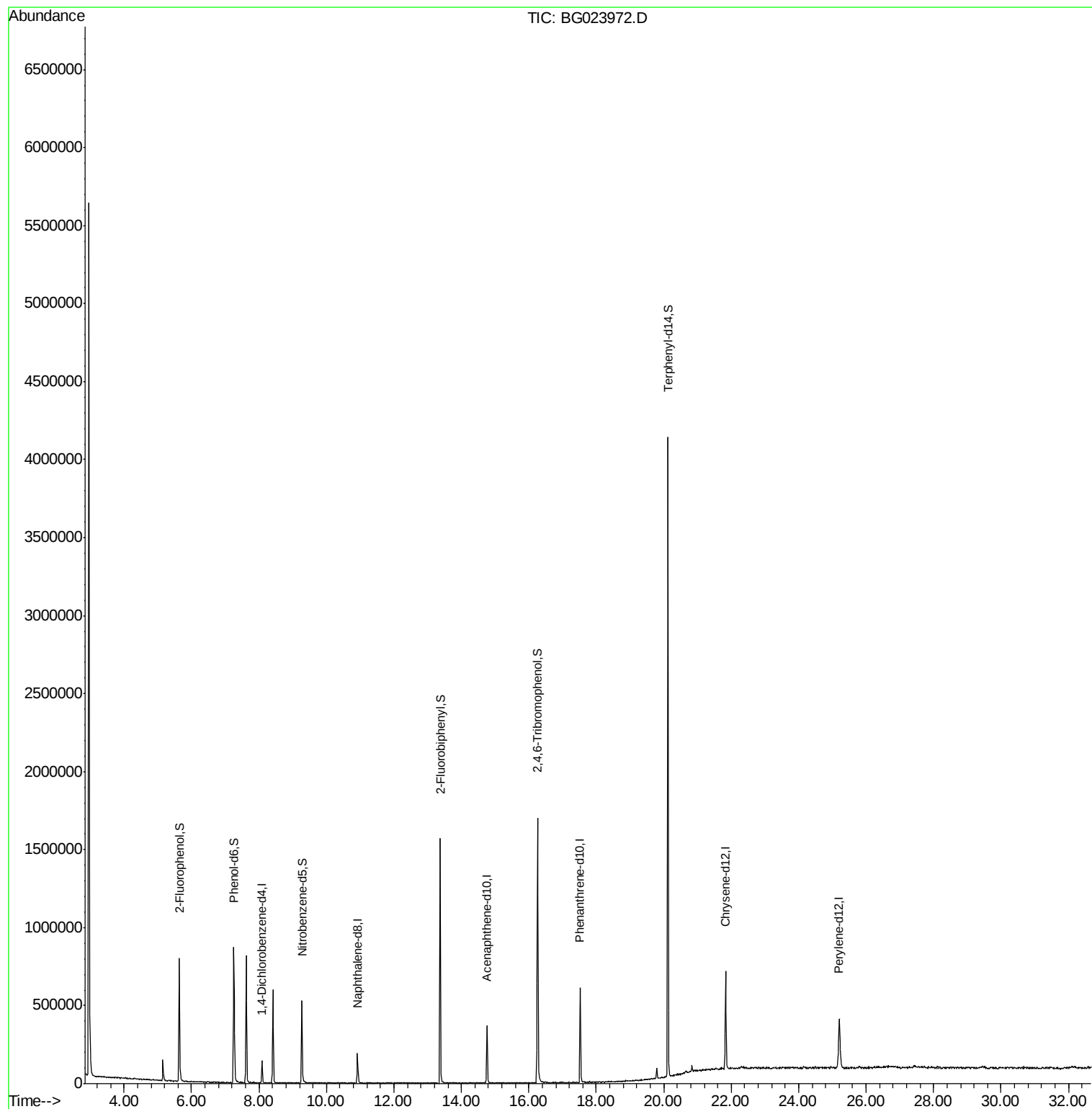
Target Compounds	Qvalue
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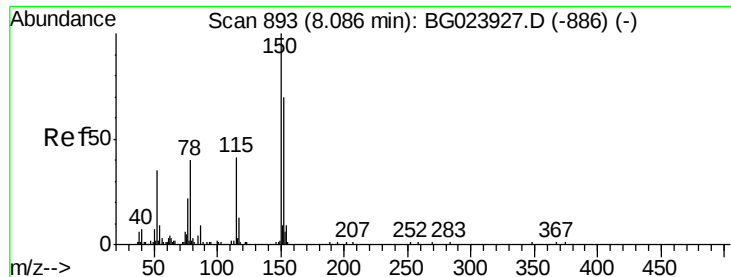
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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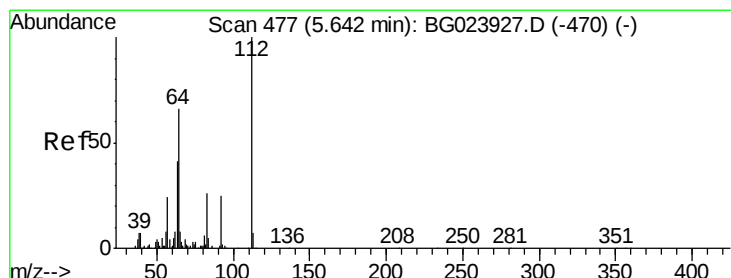
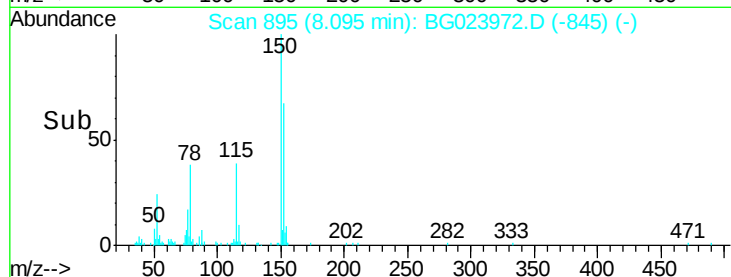
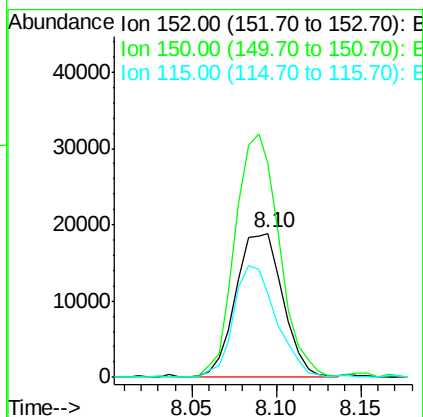
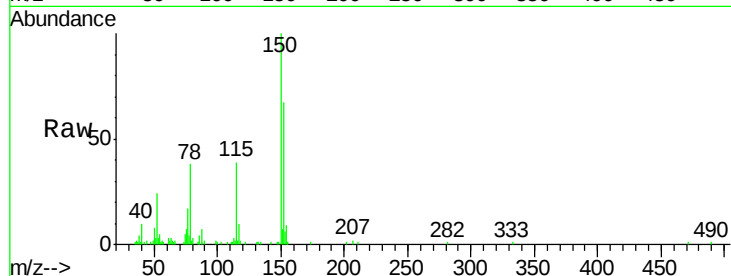


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

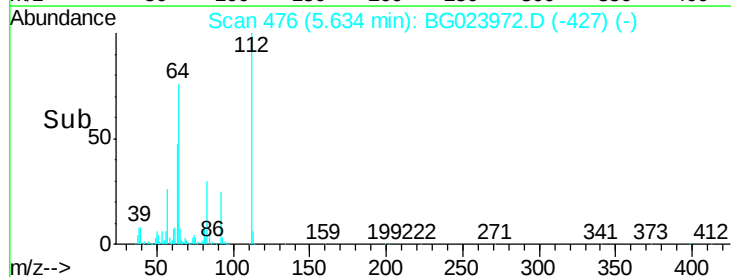
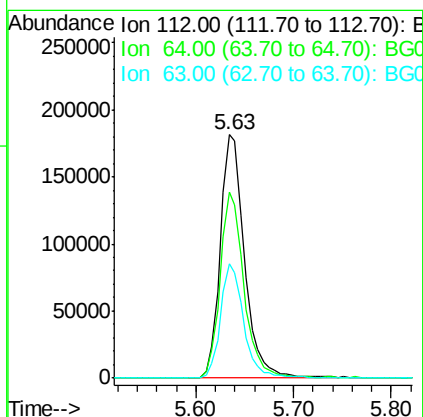
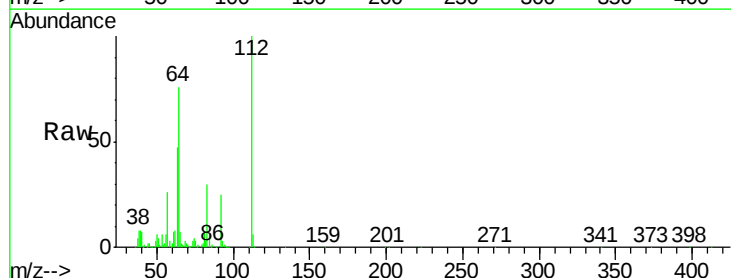
Tgt Ion:152 Resp: 36668
 Ion Ratio Lower Upper
 152 100
 150 148.5 144.7 217.1
 115 58.5 64.0 96.0#

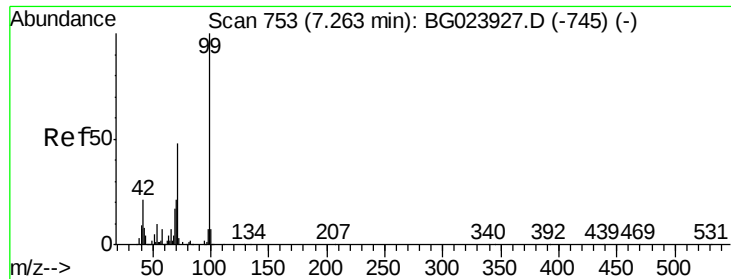


#5

2-Fluorophenol
 Concen: 149.60 ng
 RT: 5.63 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Tgt Ion:112 Resp: 312454
 Ion Ratio Lower Upper
 112 100
 64 76.5 59.0 88.4
 63 46.9 37.8 56.8





#7

Phenol-d6

Concen: 146.87 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Instrument :

BNA_G

ClientSampleId :

PB93297BL

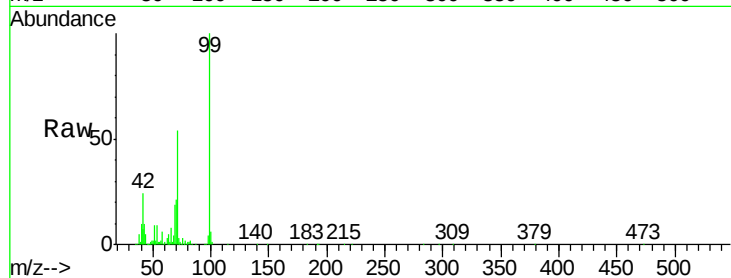
Tgt Ion: 99 Resp: 472183

Ion Ratio Lower Upper

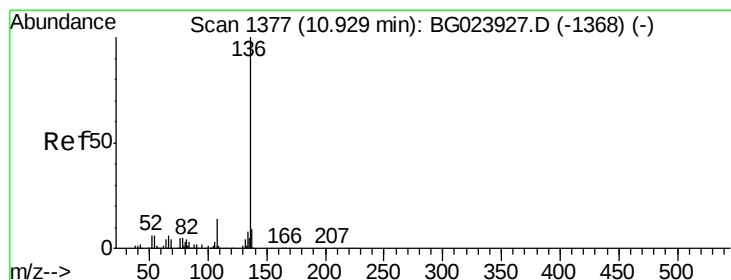
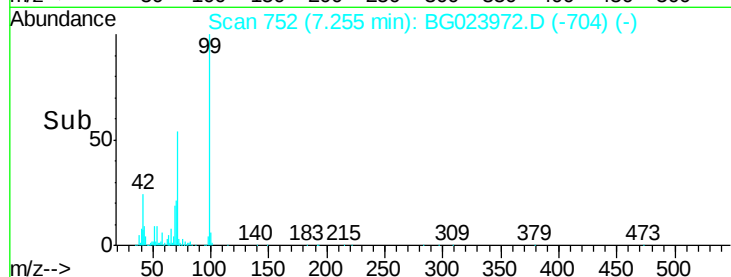
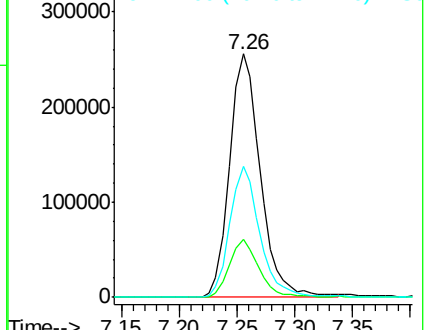
99 100

42 23.6 17.8 26.6

71 53.9 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Tgt Ion: 136 Resp: 164214

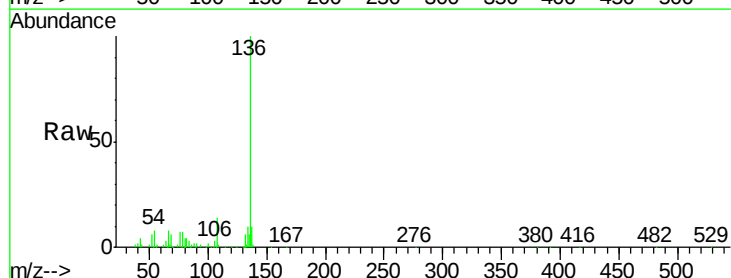
Ion Ratio Lower Upper

136 100

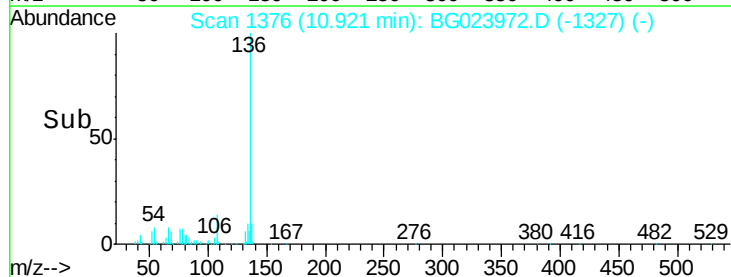
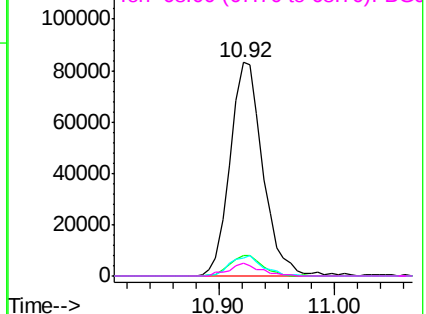
137 9.7 9.6 14.4

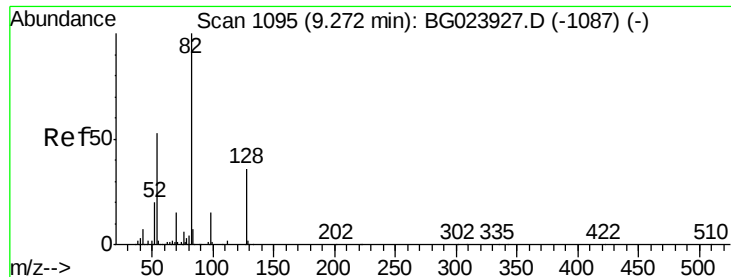
54 8.4 7.3 10.9

68 5.8 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

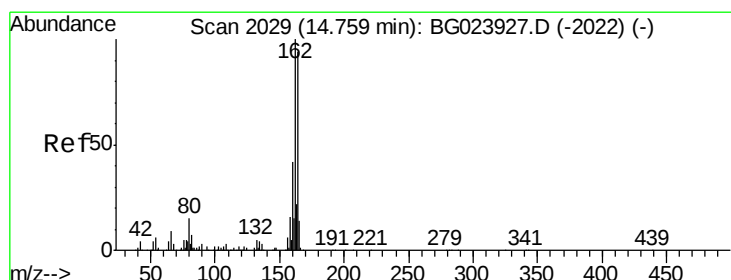
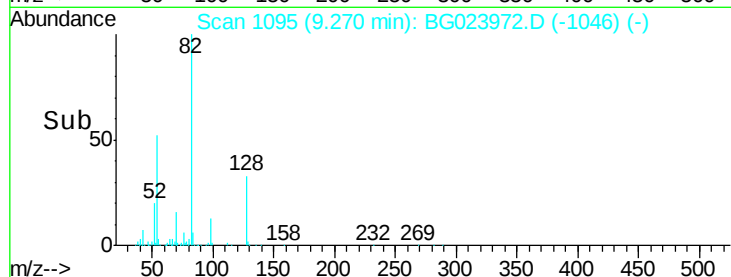
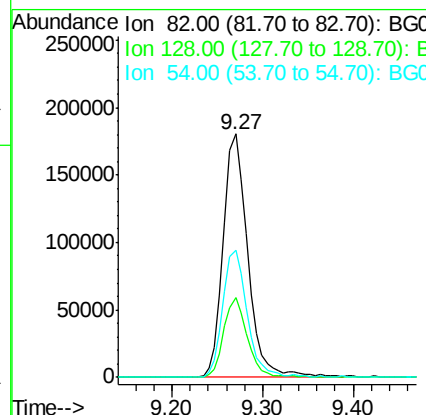
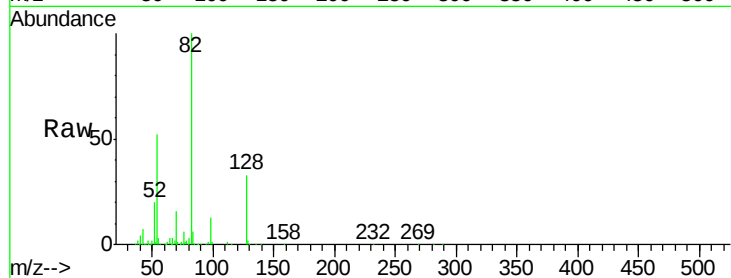




#23
 Nitrobenzene-d5
 Concen: 92.46 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

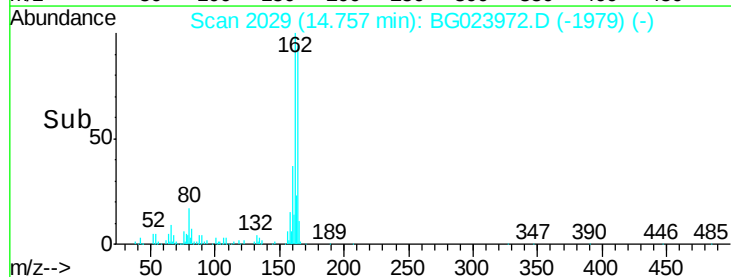
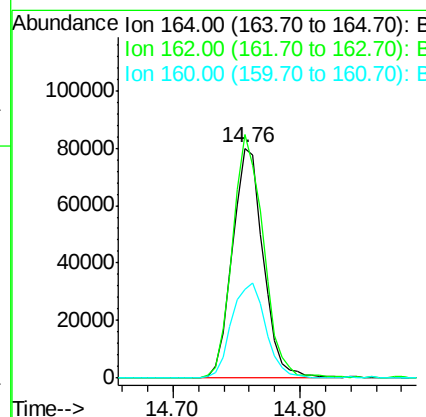
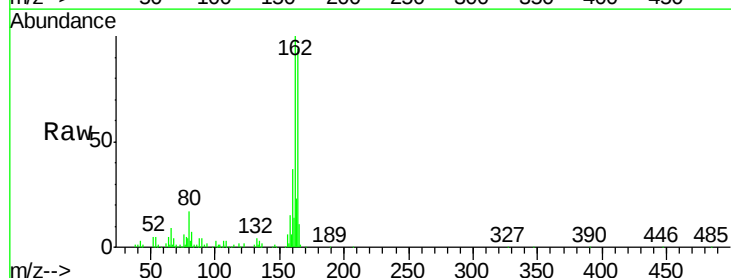
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

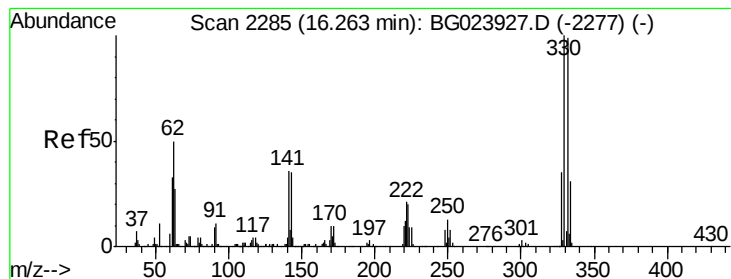
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	52.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	87.7	131.5
160	38.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 142.30 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Instrument :

BNA_G

ClientSampled :

PB93297BL

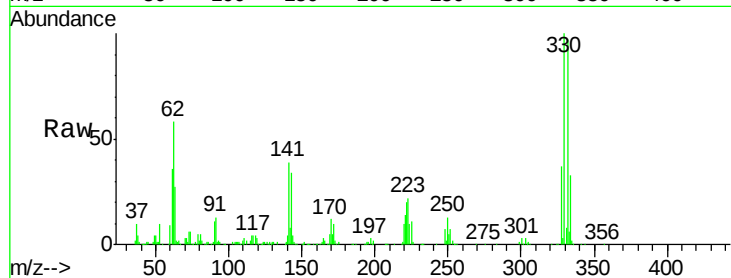
Tgt Ion:330 Resp: 343837

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

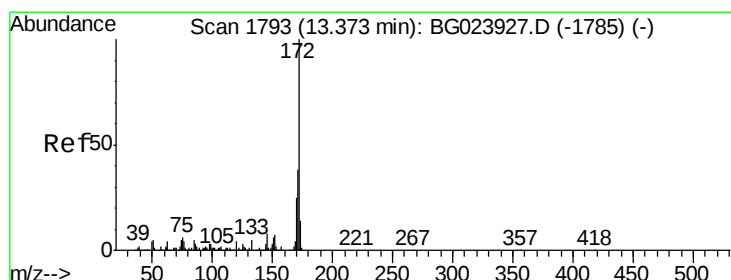
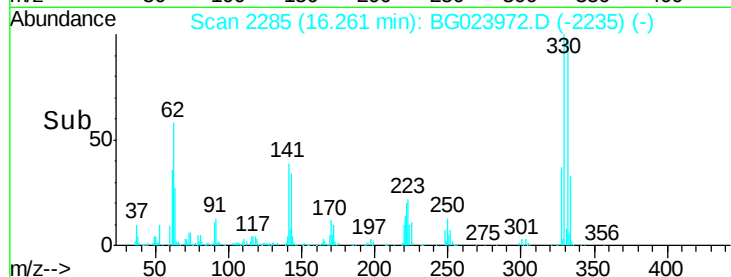
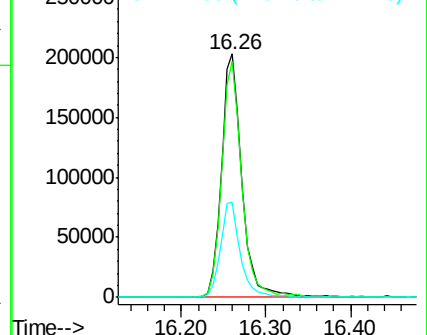
141 38.1 31.7 47.5



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: 81.50 ng

RT: 13.37 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

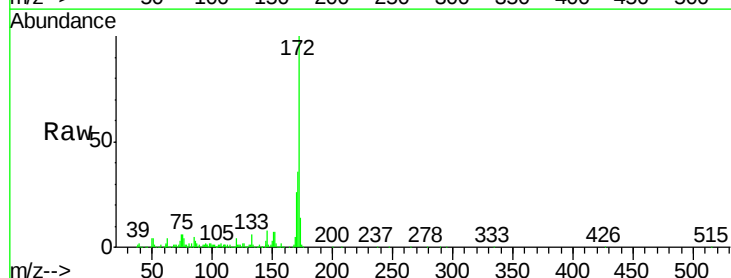
Tgt Ion:172 Resp: 762373

Ion Ratio Lower Upper

172 100

171 36.3 31.6 47.4

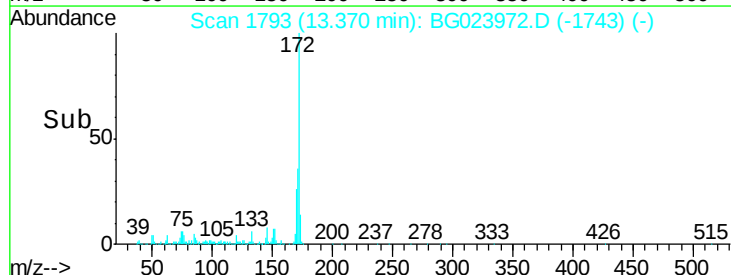
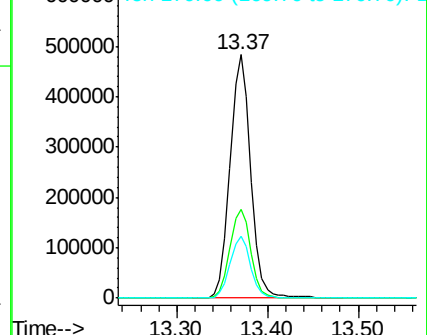
170 25.5 21.3 31.9

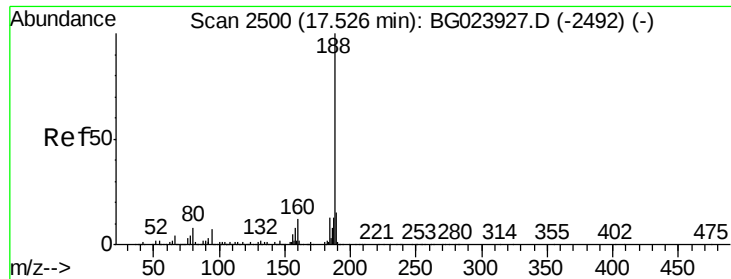


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

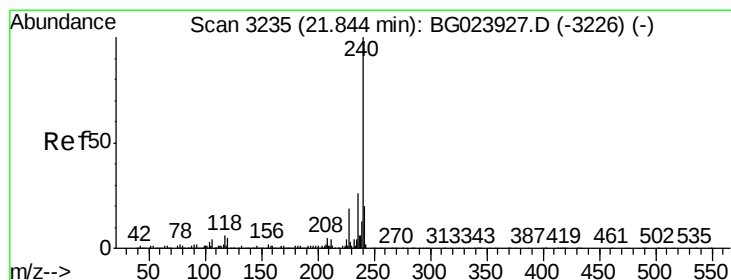
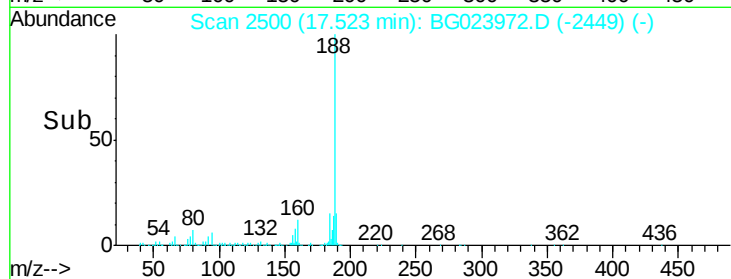
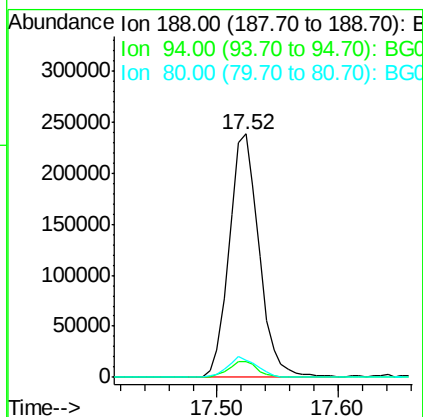
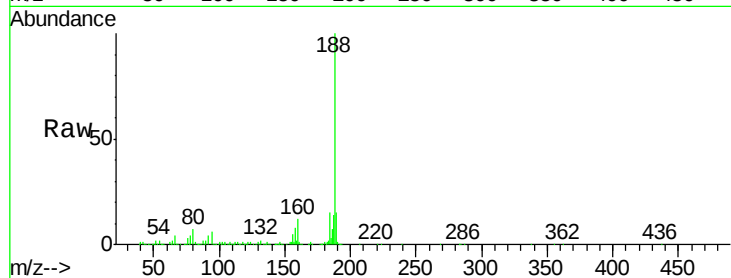




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

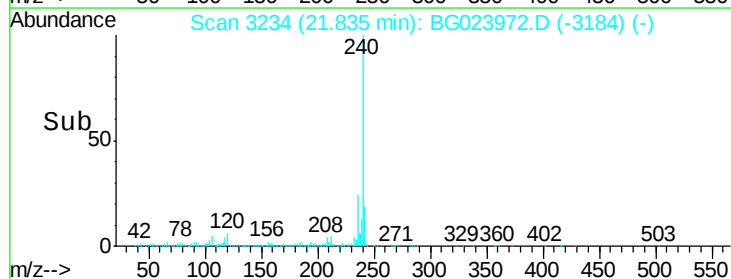
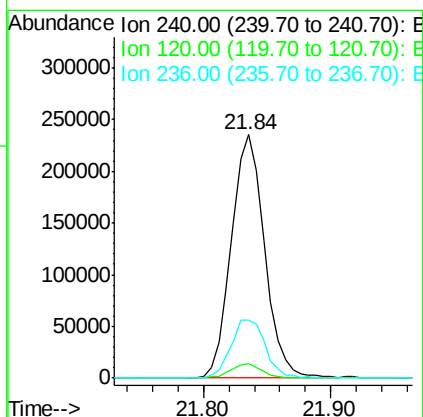
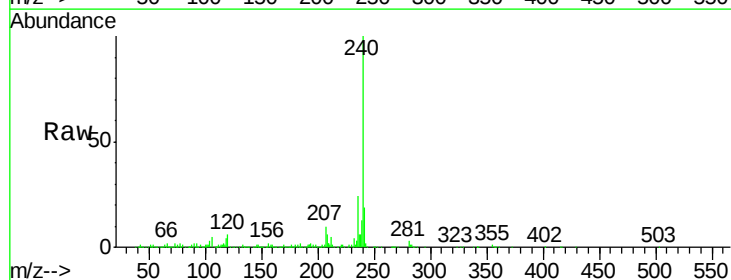
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BNA_G
ClientSampleId :
PB93297BL

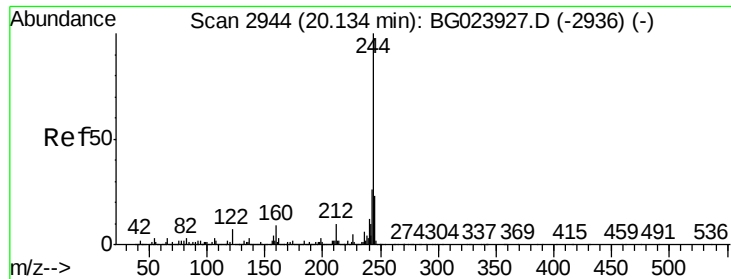
Tgt Ion:188 Resp: 409611
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 7.1 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

Tgt Ion:240 Resp: 426716
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 23.7 21.1 31.7

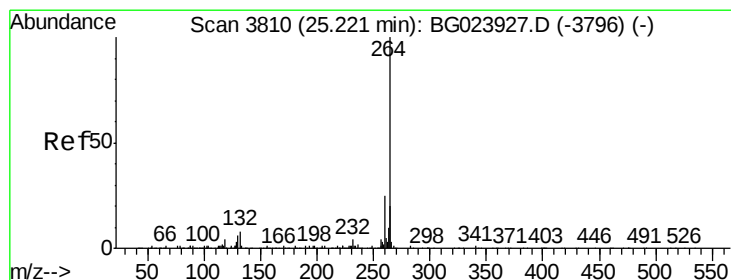
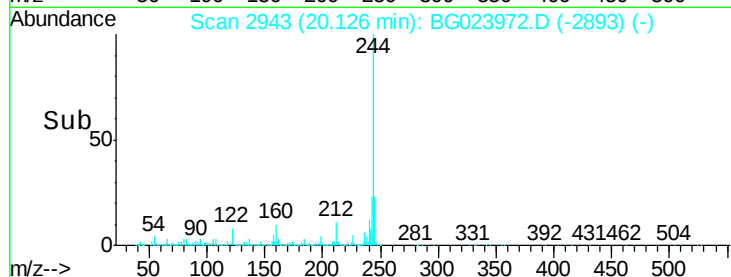
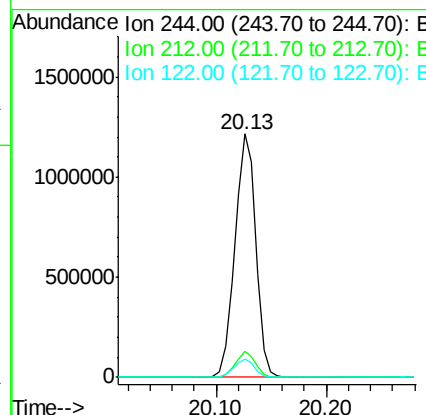
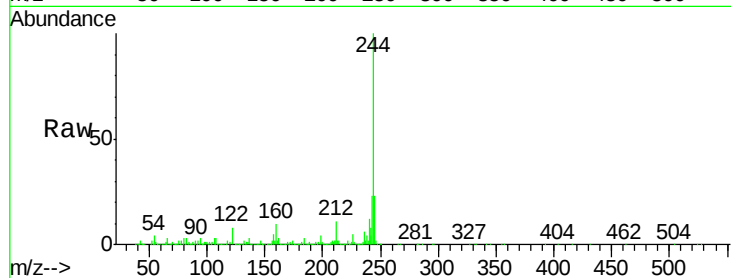




#78
 Terphenyl-d14
 Concen: 86.06 ng
 RT: 20.13 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Tgt Ion:244 Resp: 1612494
 Ion Ratio Lower Upper
 244 100
 212 10.6 10.8 16.2#
 122 7.6 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Tgt Ion:264 Resp: 410847
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 23.7 18.9 28.3

