

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
 Data File : BG024076.D
 Acq On : 22 Sep 2016 20:22
 Operator : UM/SJ
 Sample : PB93511BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93511BL

Quant Time: Sep 23 01:55:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53156	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	231287	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	187492	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	389356	20.00	ng	0.00
75) Chrysene-d12	21.80	240	386910	20.00	ng	0.00
86) Perylene-d12	25.15	264	355238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266244	87.94	ng	0.00
7) Phenol-d6	7.22	99	402361	86.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	470424	90.80	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	200061	59.22	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	947605	72.46	ng	0.00
78) Terphenyl-d14	20.10	244	1405321	82.72	ng	0.00

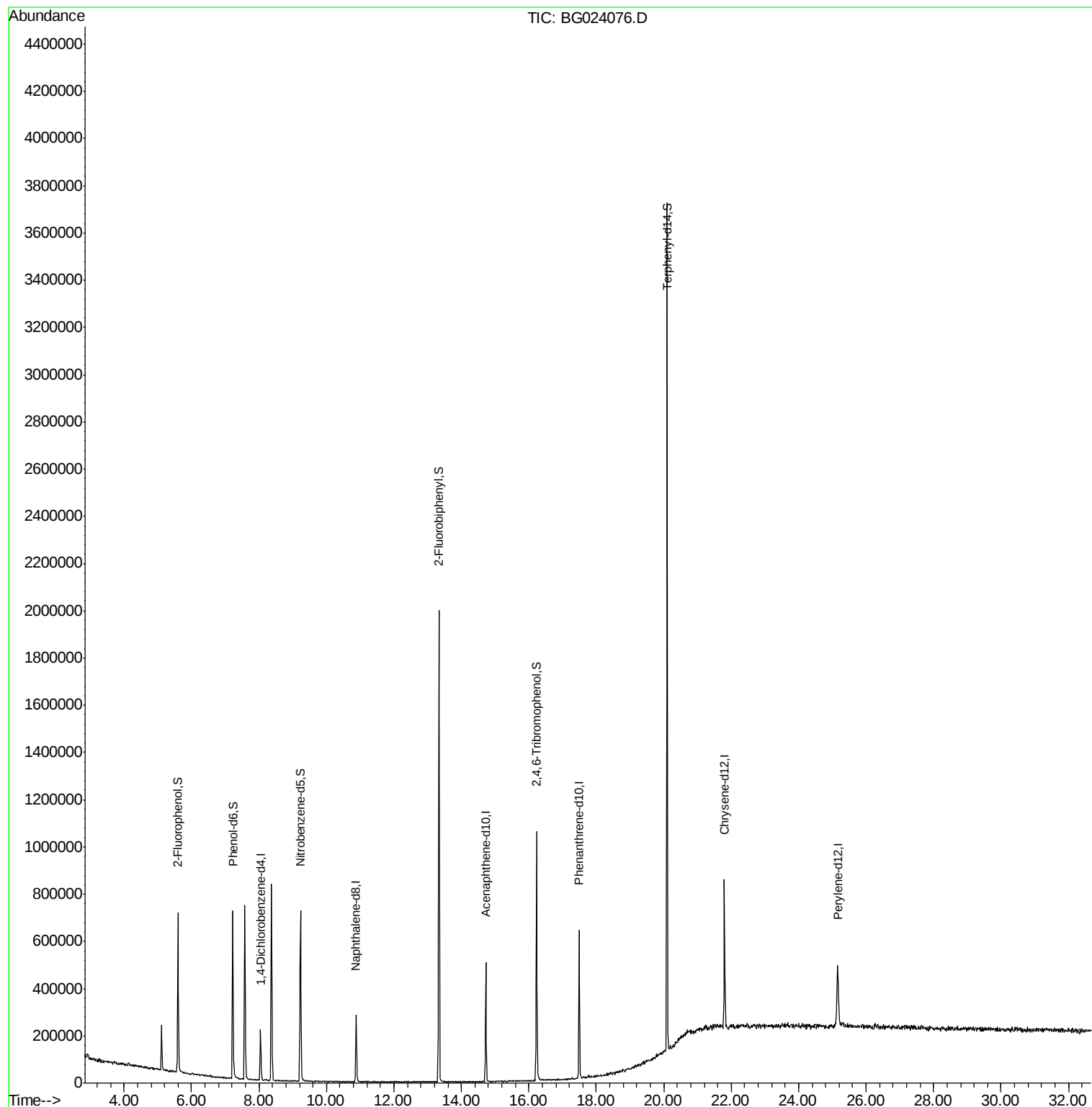
Target Compounds	Qvalue
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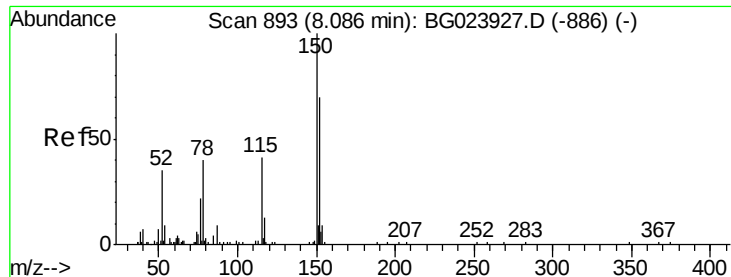
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

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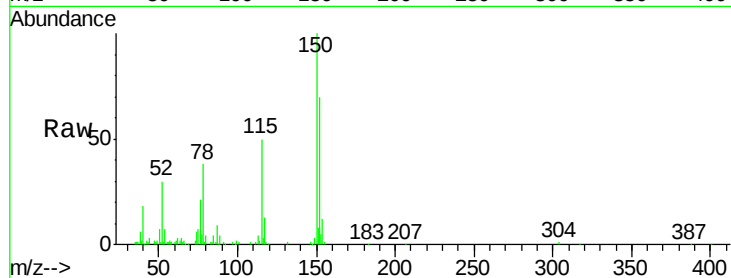
Tgt Ion:152 Resp: 53156

Ion Ratio Lower Upper

152 100

150 142.2 144.7 217.1#

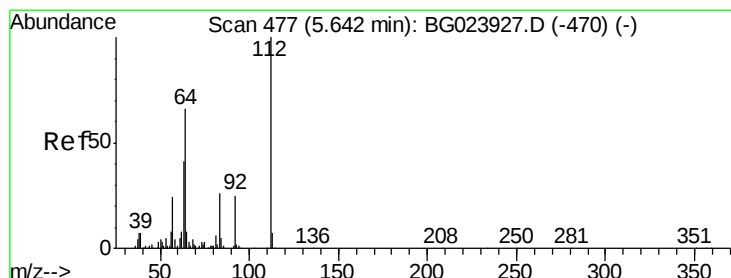
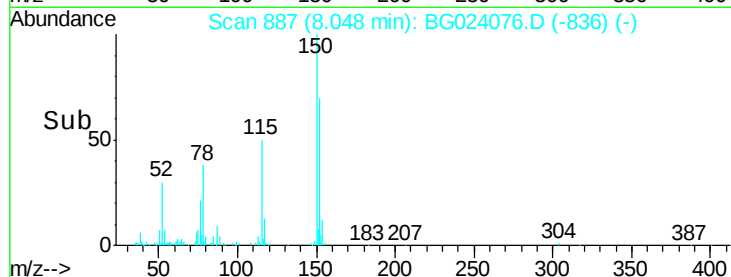
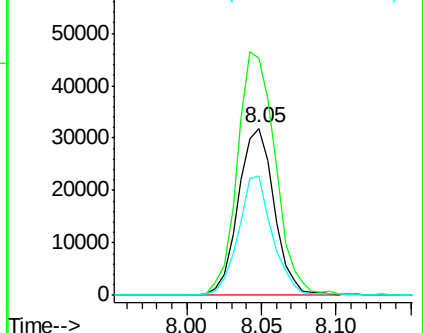
115 71.1 64.0 96.0



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: 87.94 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

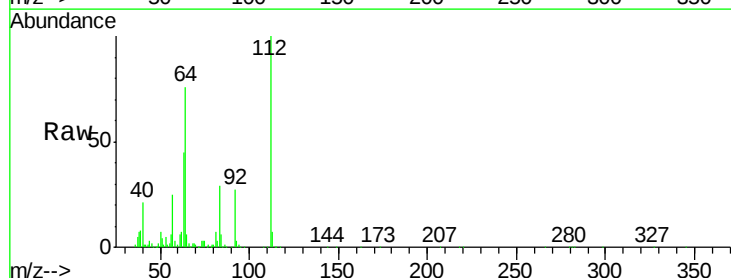
Tgt Ion:112 Resp: 266244

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

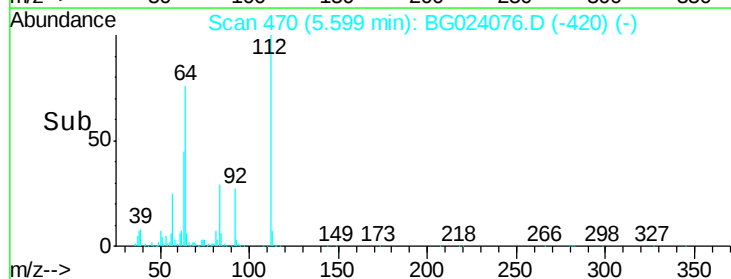
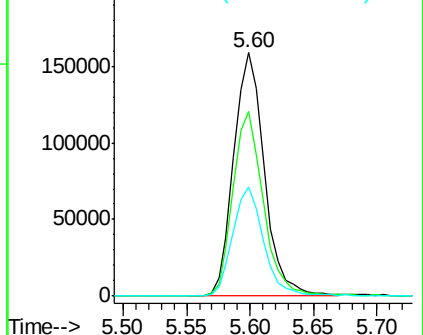
63 44.7 37.8 56.8

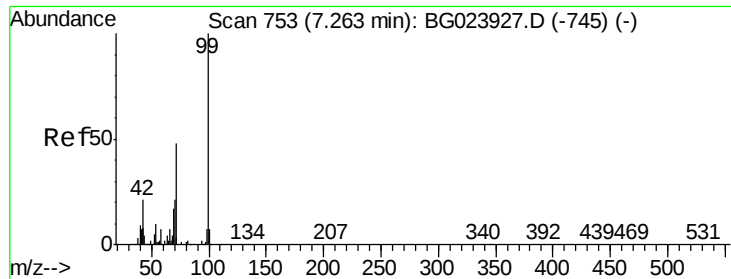


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.33 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

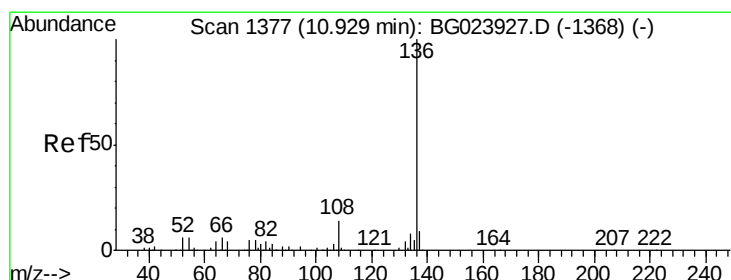
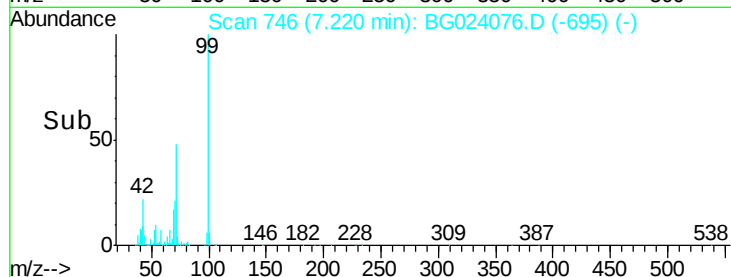
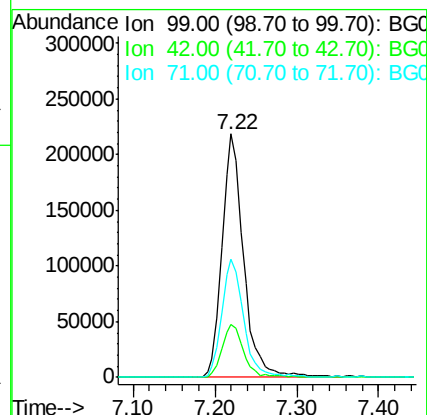
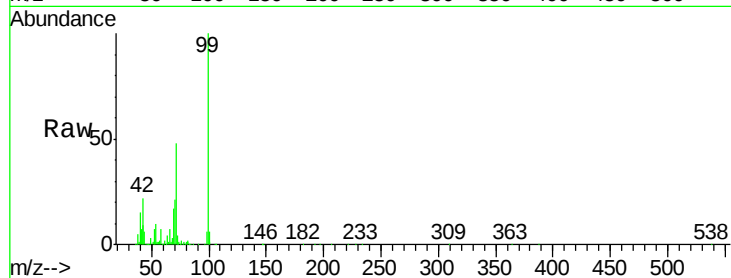
Tgt Ion: 99 Resp: 402361

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

71 48.4 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Tgt Ion: 136 Resp: 231287

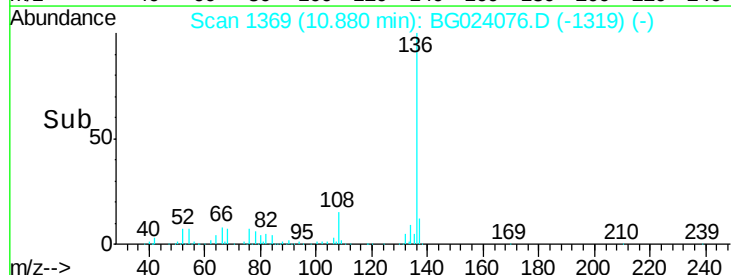
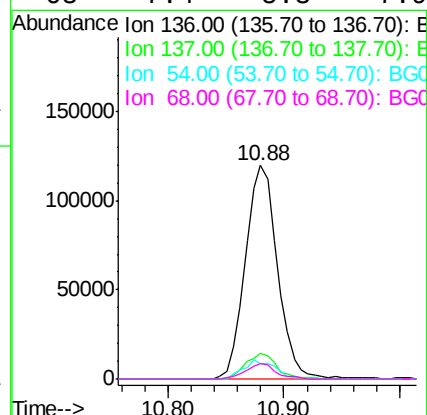
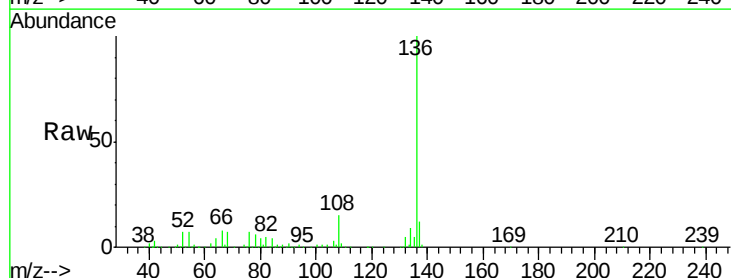
Ion Ratio Lower Upper

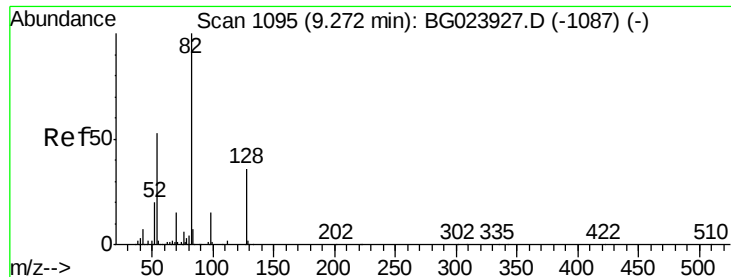
136 100

137 11.9 9.6 14.4

54 7.3 7.3 10.9

68 7.4 5.3 7.9

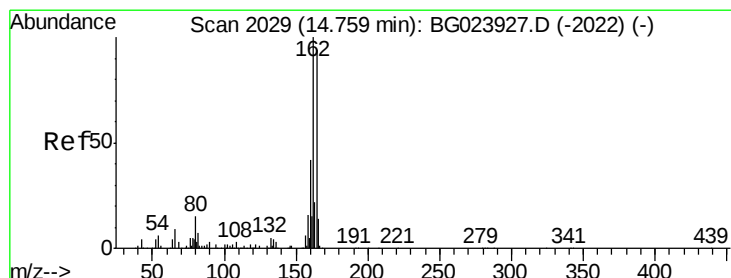
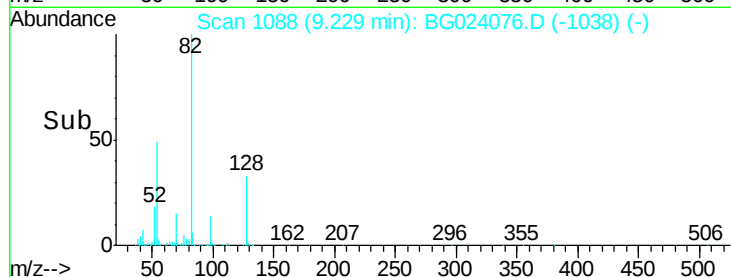
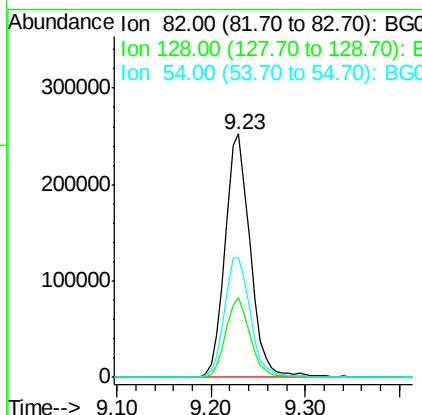
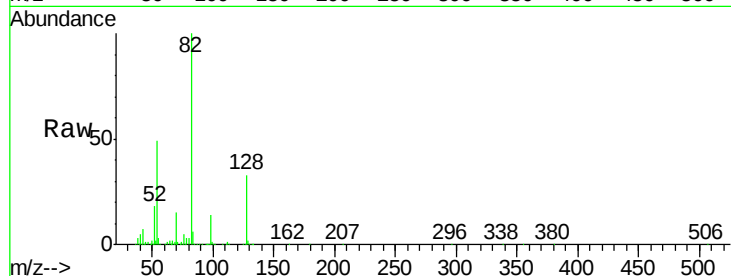




#23
 Nitrobenzene-d5
 Concen: 90.80 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BG024076.D
 Acq: 22 Sep 2016 20:22

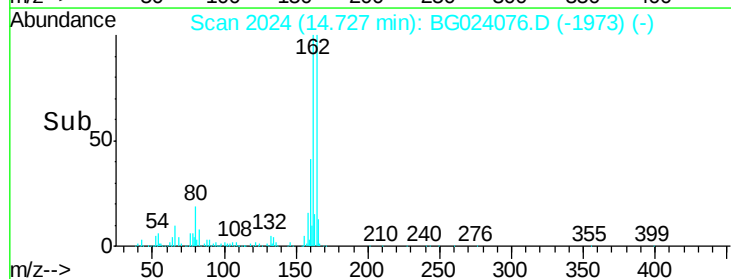
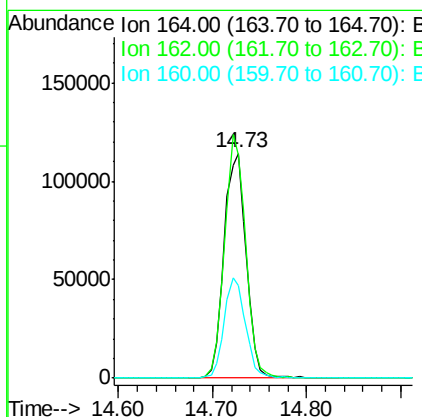
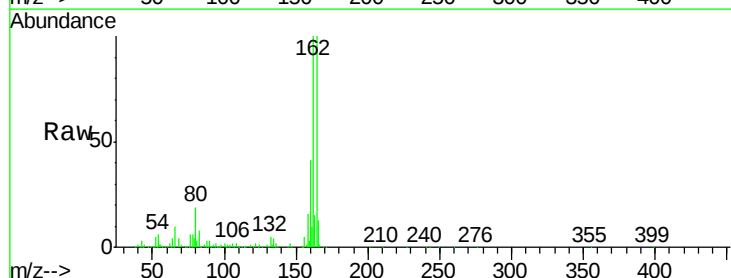
Instrument :
 BNA_G
 ClientSampleId :
 PB93511BL

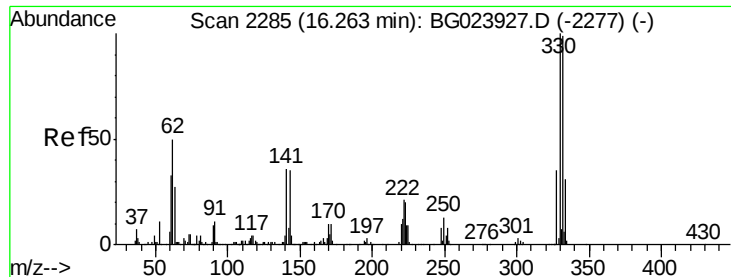
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG024076.D
 Acq: 22 Sep 2016 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	87.7	131.5
160	41.3	37.2	55.8

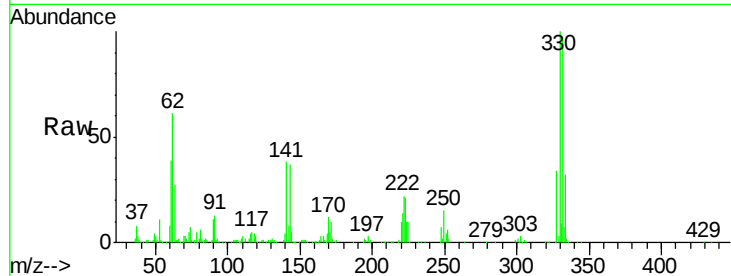




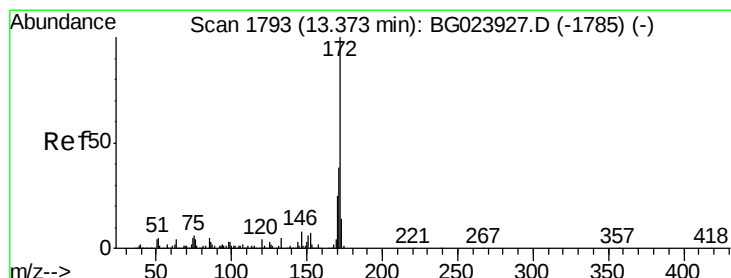
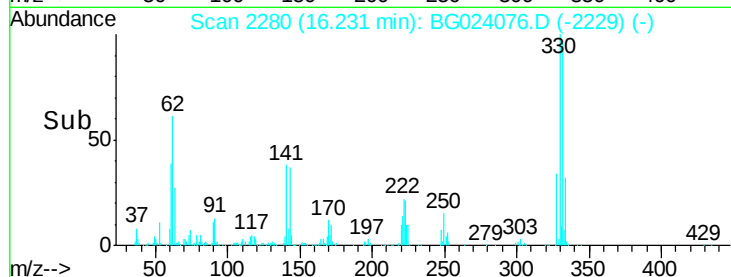
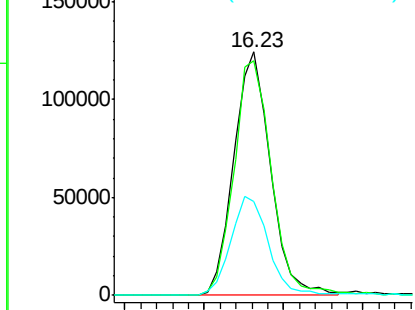
#41
2,4,6-Tribromophenol
Concen: 59.22 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Instrument :
BNA_G
ClientSampleId :
PB93511BL

Tgt Ion:330 Resp: 200061
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.2
141 42.2 31.7 47.5

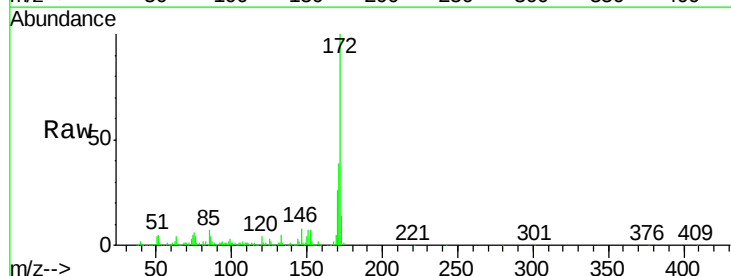


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

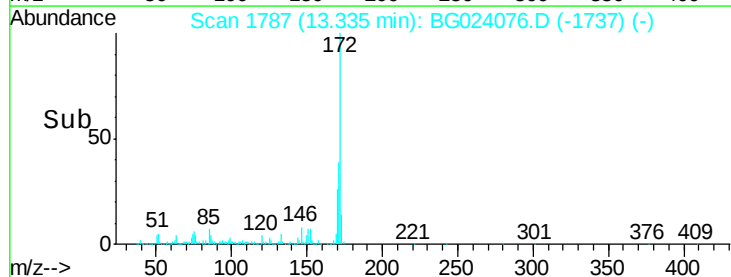
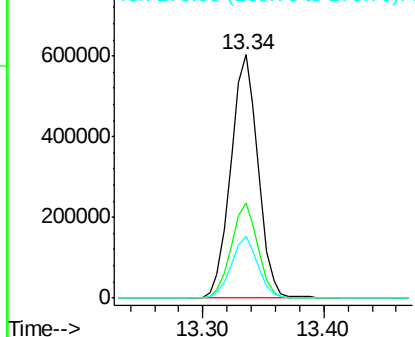


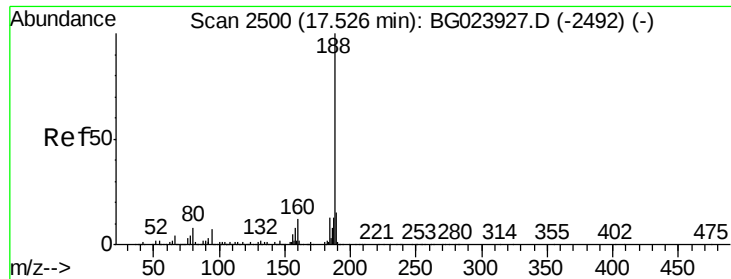
#44
2-Fluorobiphenyl
Concen: 72.46 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Tgt Ion:172 Resp: 947605
Ion Ratio Lower Upper
172 100
171 39.0 31.6 47.4
170 25.6 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: 17.49 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

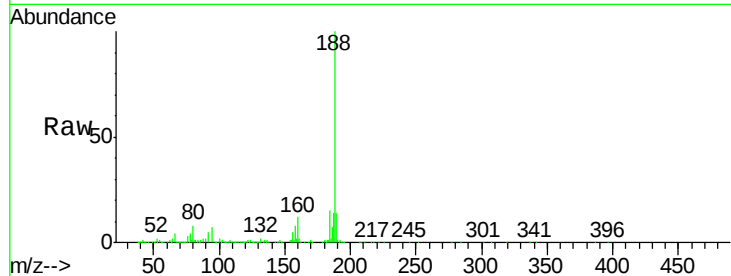
Tgt Ion:188 Resp: 389356

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

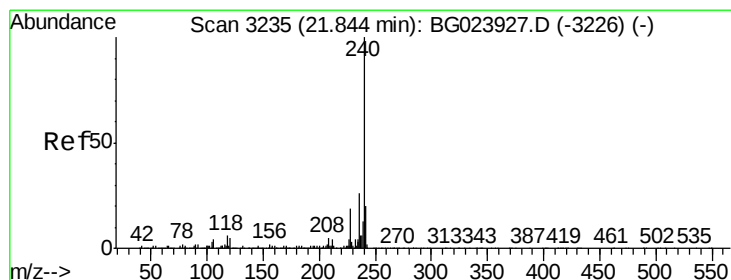
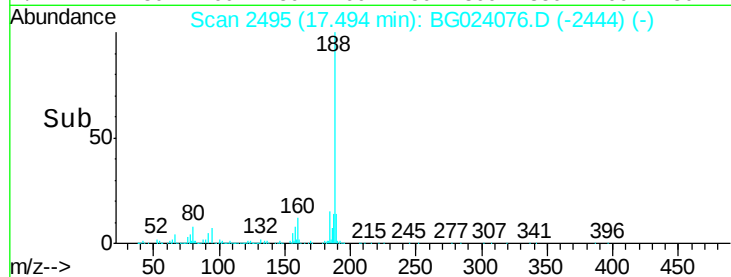
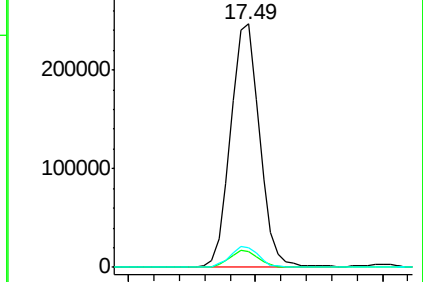
80 8.2 7.2 10.8



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: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

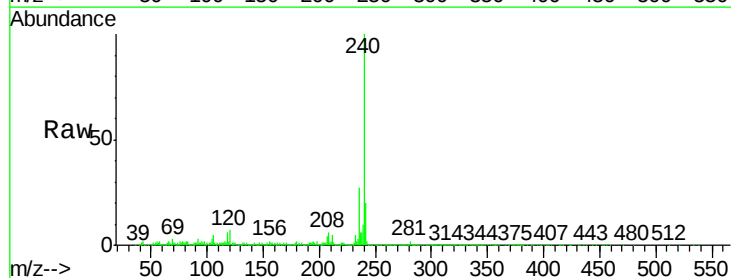
Tgt Ion:240 Resp: 386910

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

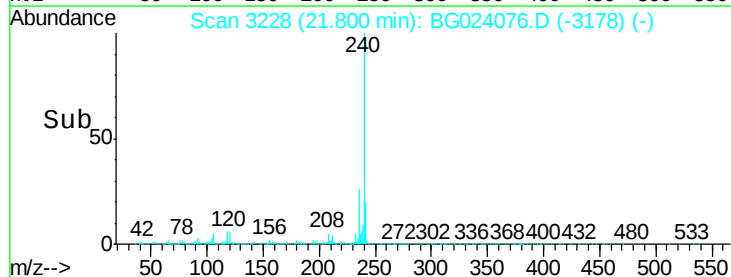
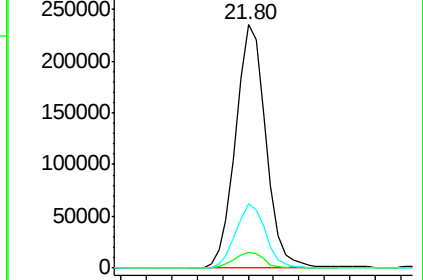
236 26.6 21.1 31.7

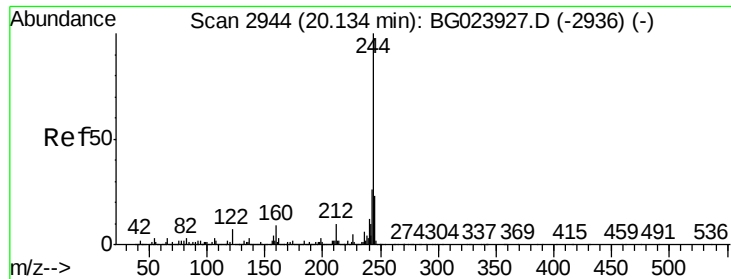


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.72 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

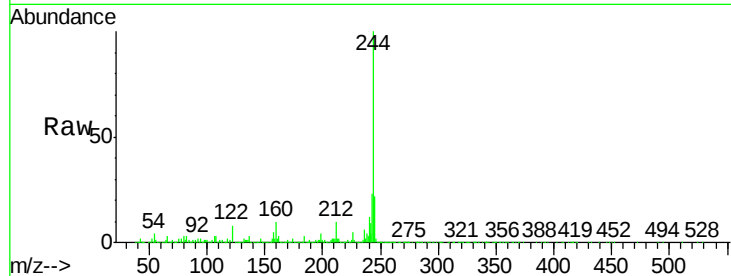
Tgt Ion:244 Resp: 1405321

Ion Ratio Lower Upper

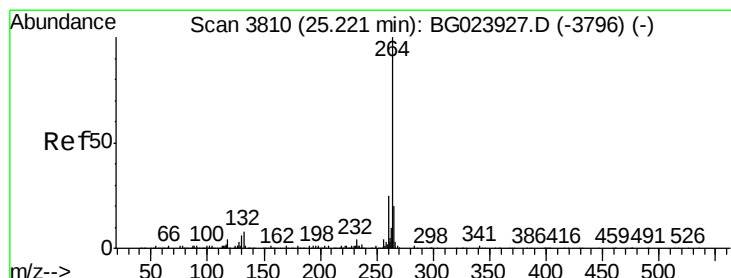
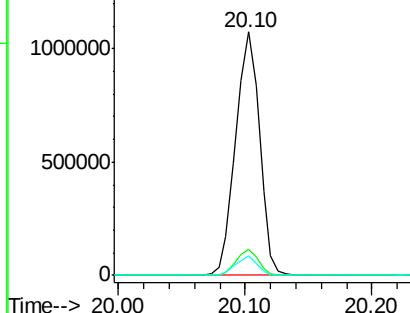
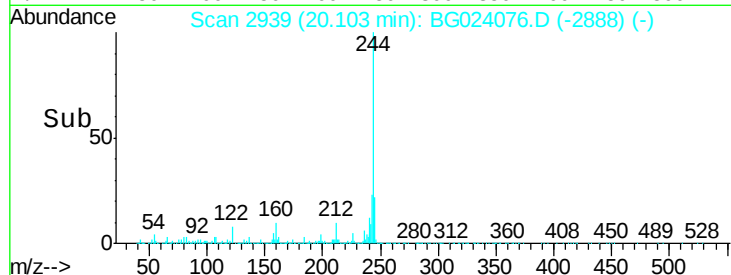
244 100

212 10.5 10.8 16.2#

122 7.9 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: 25.15 min Scan# 3799

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

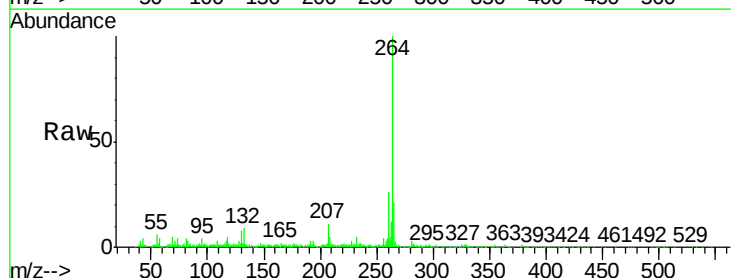
Tgt Ion:264 Resp: 355238

Ion Ratio Lower Upper

264 100

260 26.1 18.4 27.6

265 21.1 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

