

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023974.D
 Acq On : 9 Sep 2016 15:06
 Operator : UM/SJ
 Sample : PB93314BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

Quant Time: Sep 09 15:58:22 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	8.09	152	51116	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	232259	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	175676	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	438689	20.00	ng	0.00
75) Chrysene-d12	21.82	240	365989	20.00	ng	-0.02
86) Perylene-d12	25.20	264	364891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	421265	144.69	ng	0.00
7) Phenol-d6	7.26	99	648242	144.64	ng	-0.01
23) Nitrobenzene-d5	9.27	82	471705	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	368682	116.48	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1058439	86.38	ng	0.00
78) Terphenyl-d14	20.12	244	1468354	91.37	ng	-0.01

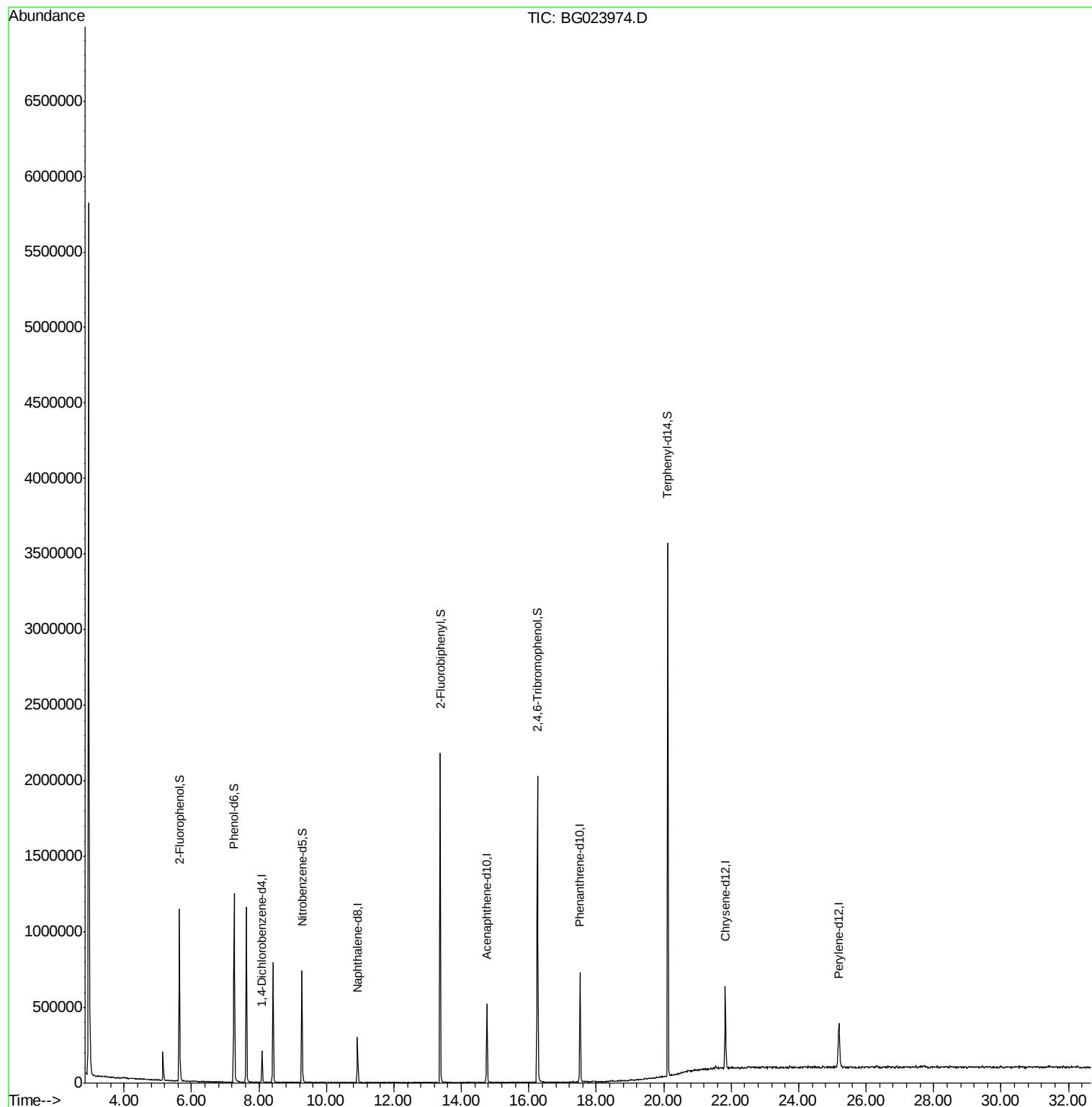
Target Compounds	Qvalue
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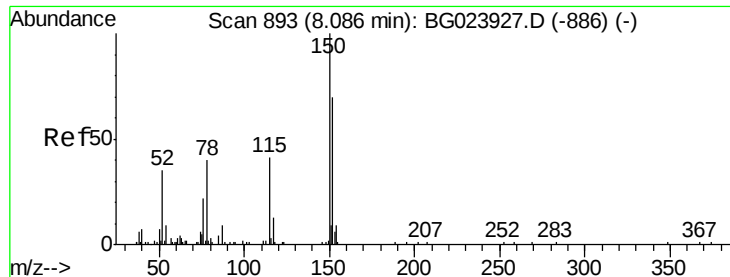
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

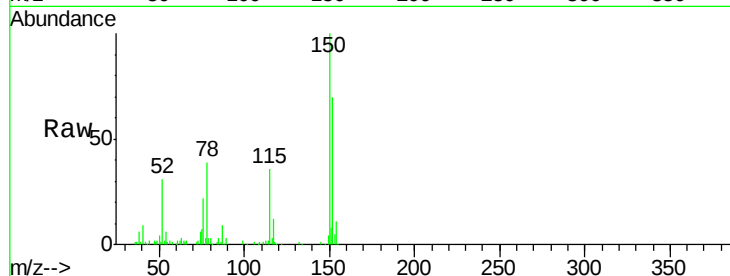
Tgt Ion:152 Resp: 51116

Ion Ratio Lower Upper

152 100

150 143.5 144.7 217.1#

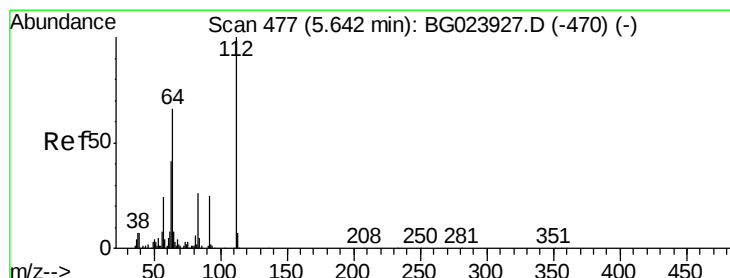
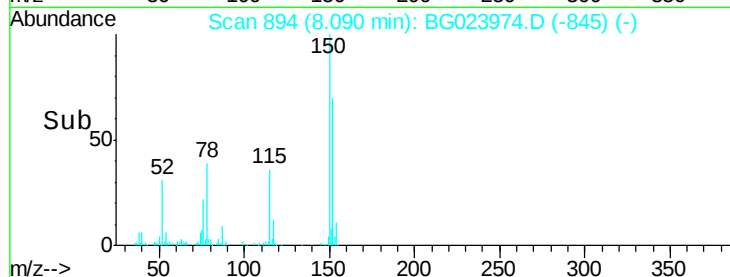
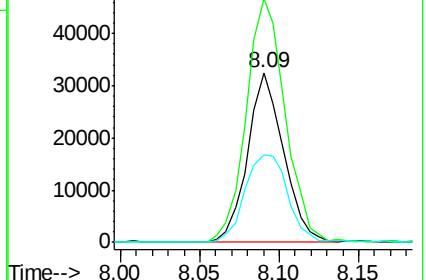
115 51.8 64.0 96.0#



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: 144.69 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

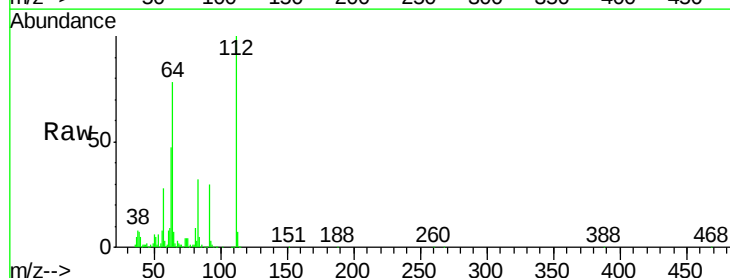
Tgt Ion:112 Resp: 421265

Ion Ratio Lower Upper

112 100

64 77.7 59.0 88.4

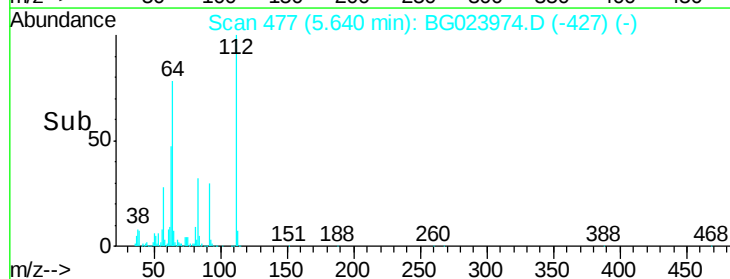
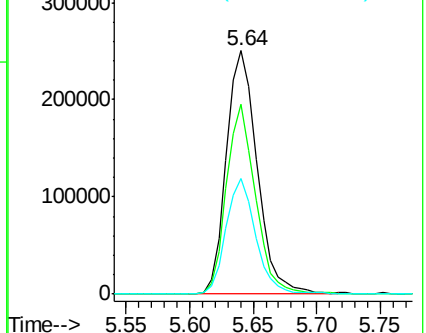
63 47.3 37.8 56.8

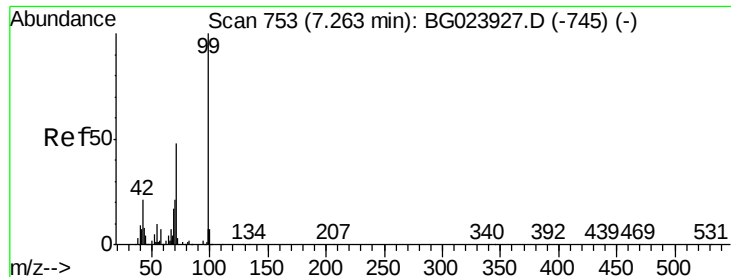


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.64 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

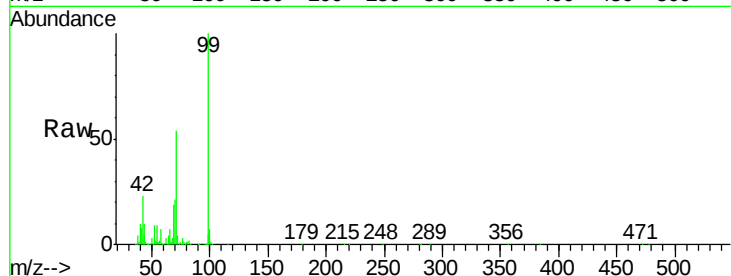
Tgt Ion: 99 Resp: 648242

Ion Ratio Lower Upper

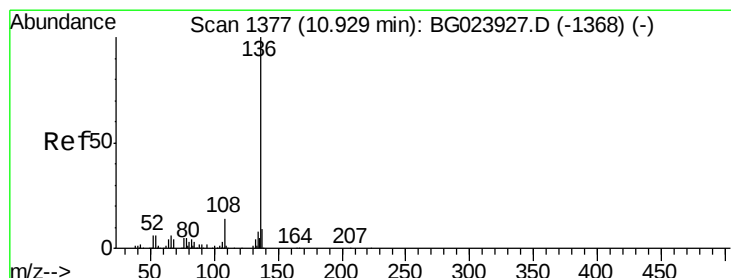
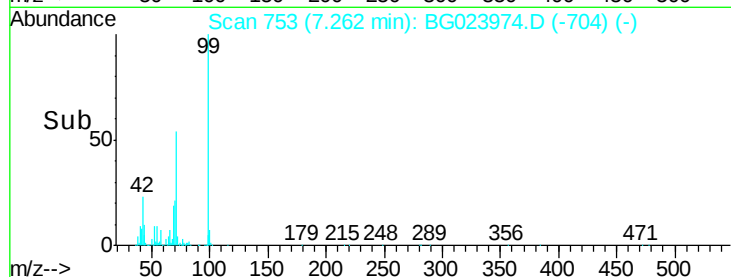
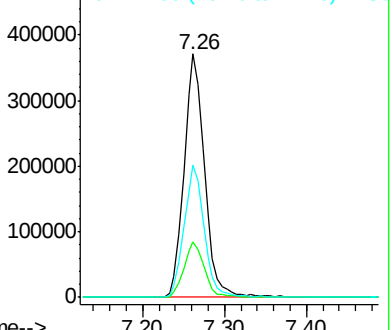
99 100

42 22.7 17.8 26.6

71 54.3 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

Tgt Ion: 136 Resp: 232259

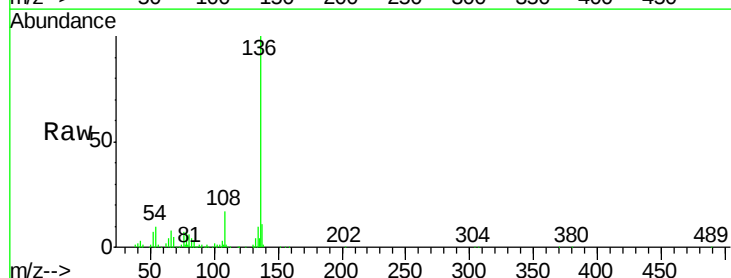
Ion Ratio Lower Upper

136 100

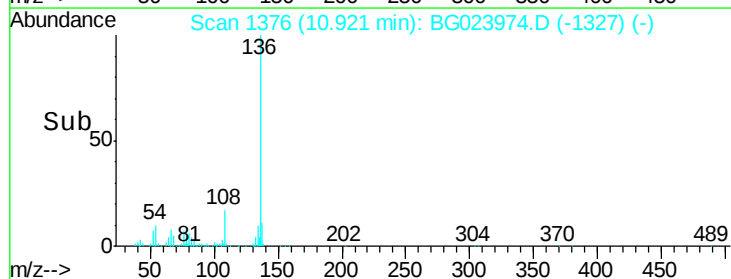
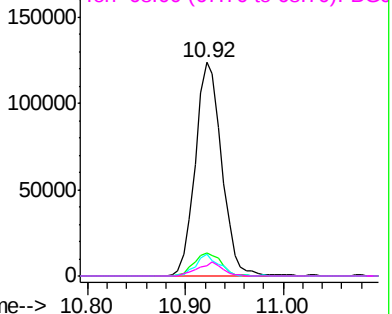
137 10.7 9.6 14.4

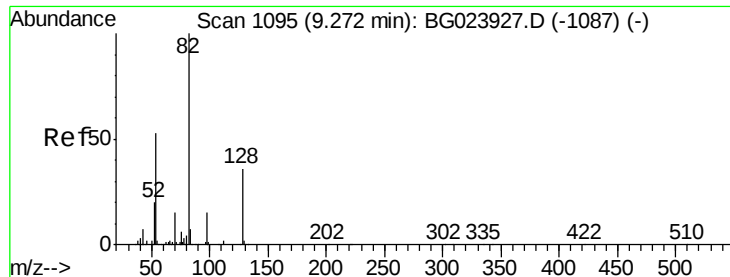
54 10.4 7.3 10.9

68 5.1 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

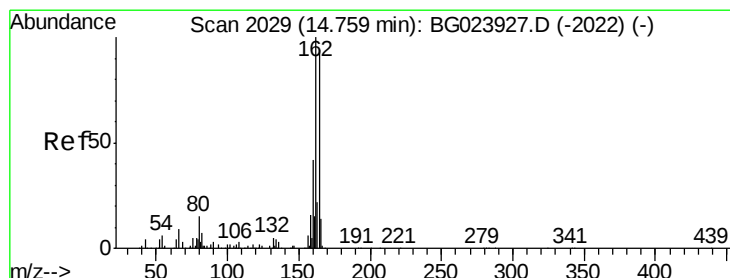
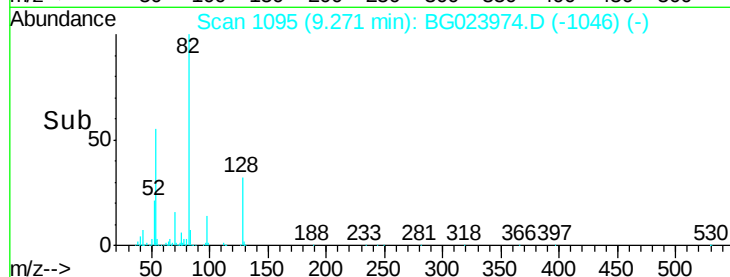
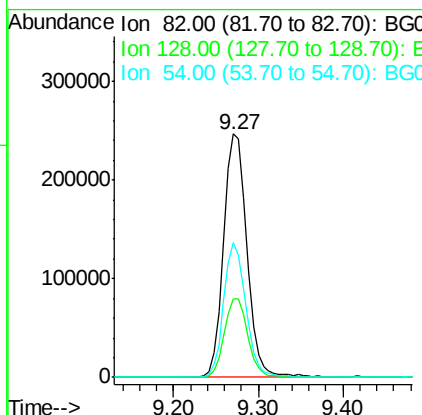
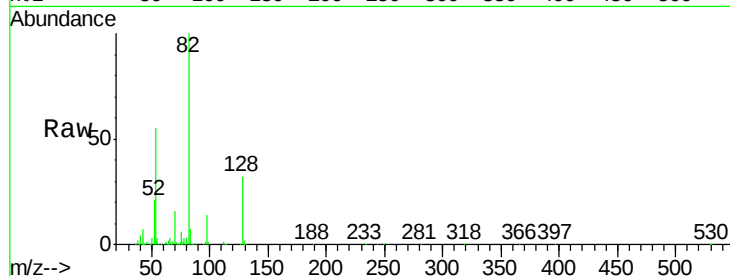




#23
 Nitrobenzene-d5
 Concen: 90.67 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

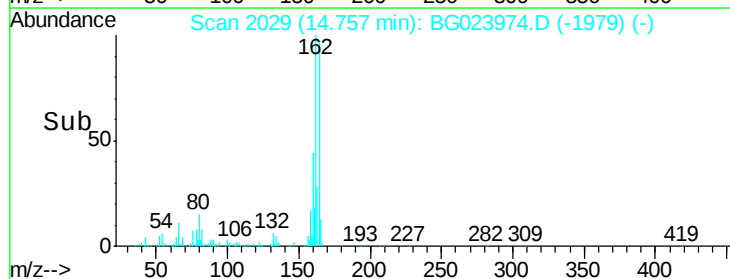
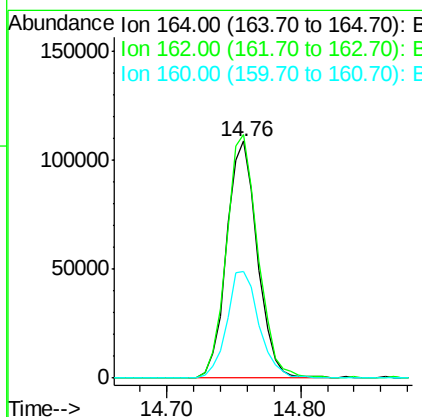
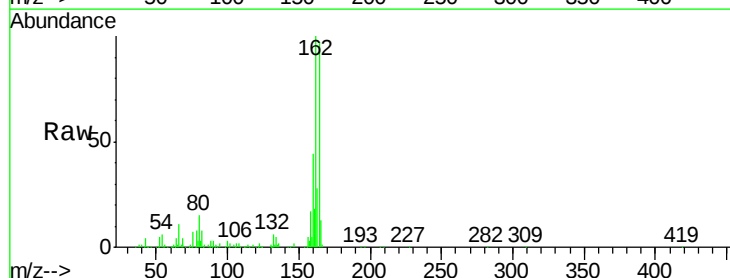
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

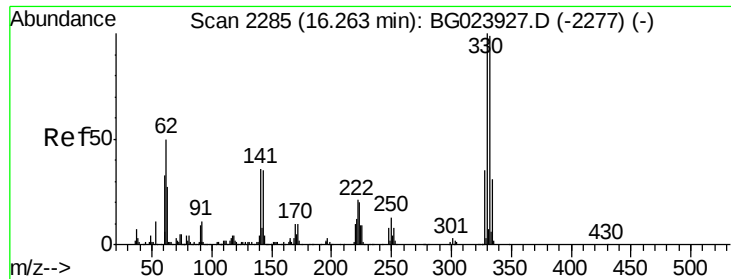
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	55.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.7	131.5
160	45.1	37.2	55.8

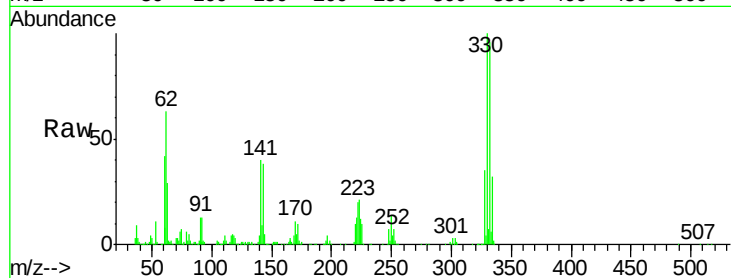




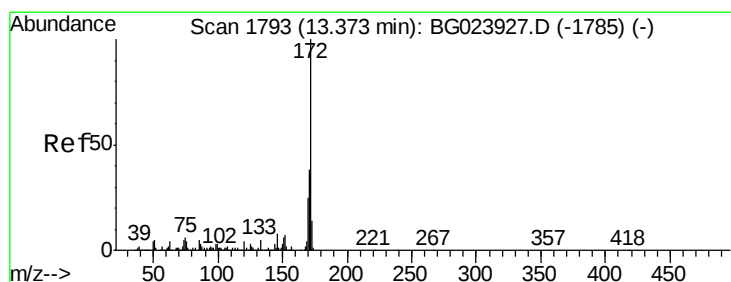
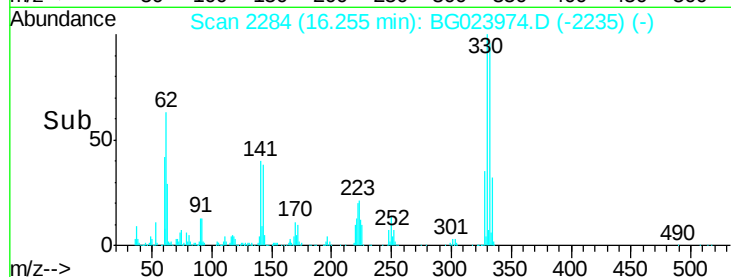
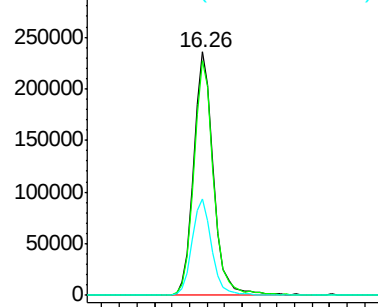
#41
 2,4,6-Tribromophenol
 Concen: 116.48 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

Tgt Ion:330 Resp: 368682
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.7 31.7 47.5

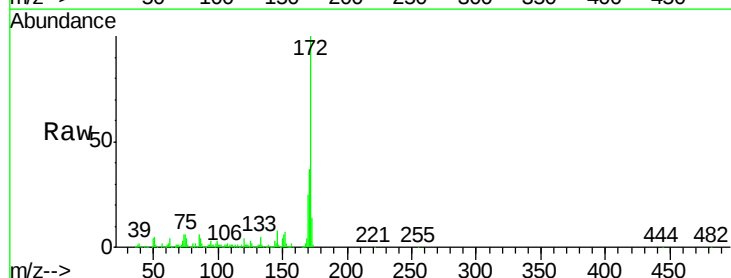


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

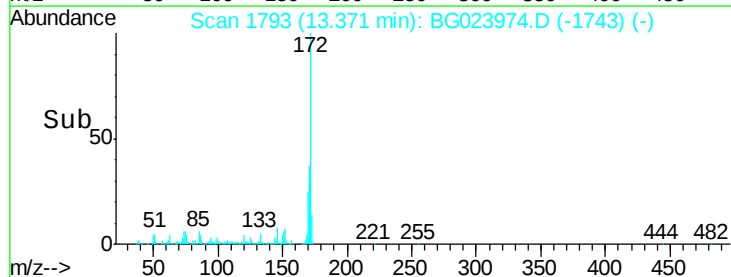
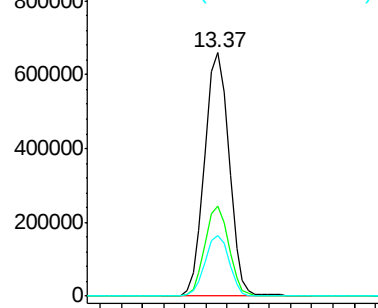


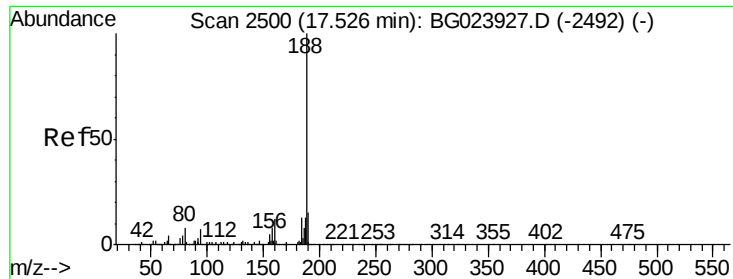
#44
 2-Fluorobiphenyl
 Concen: 86.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Tgt Ion:172 Resp: 1058439
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.6 47.4
 170 24.9 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: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

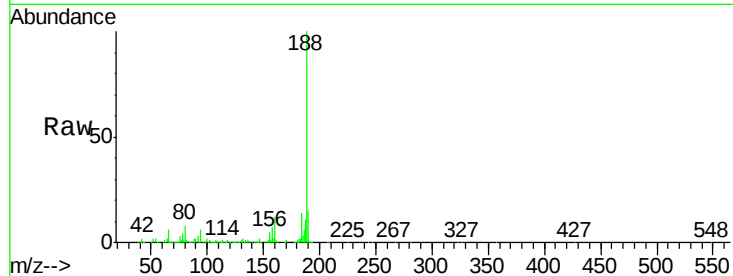
Tgt Ion:188 Resp: 438689

Ion Ratio Lower Upper

188 100

94 5.5 5.2 7.8

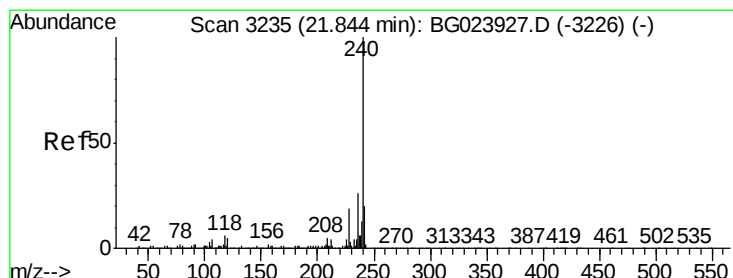
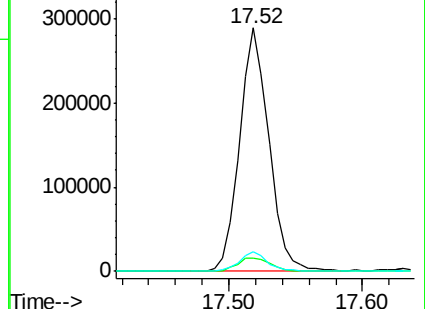
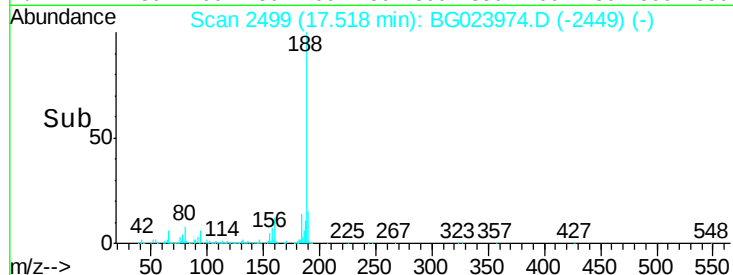
80 7.9 7.2 10.8



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: 21.82 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

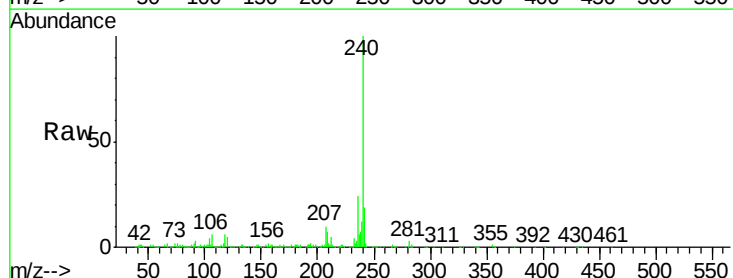
Tgt Ion:240 Resp: 365989

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

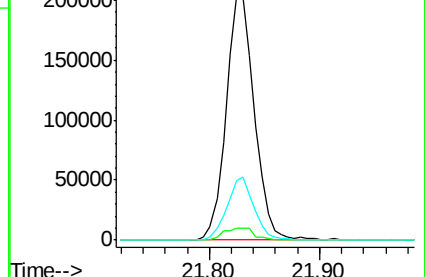
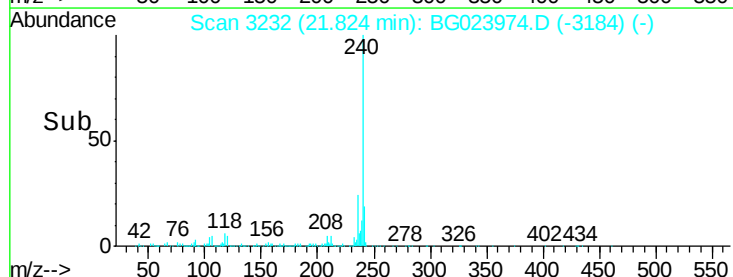
236 24.4 21.1 31.7

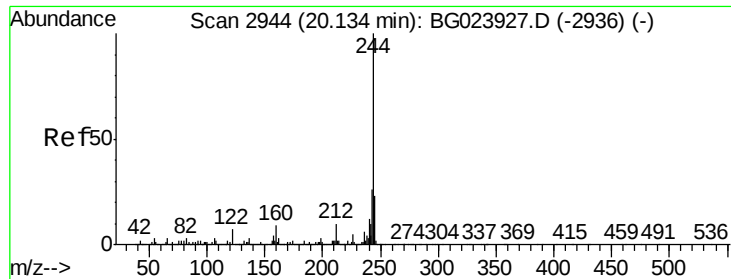


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

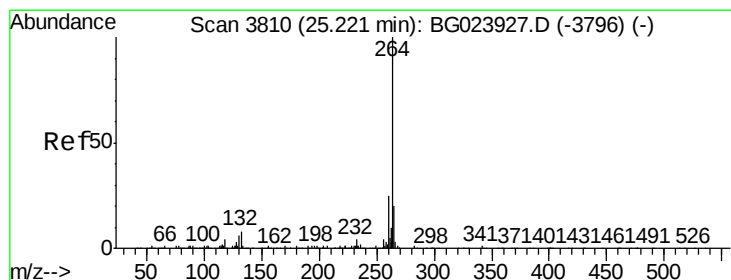
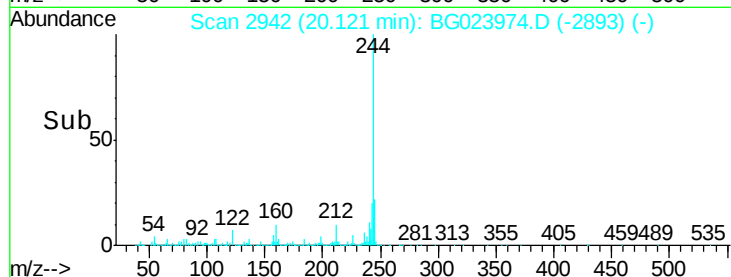
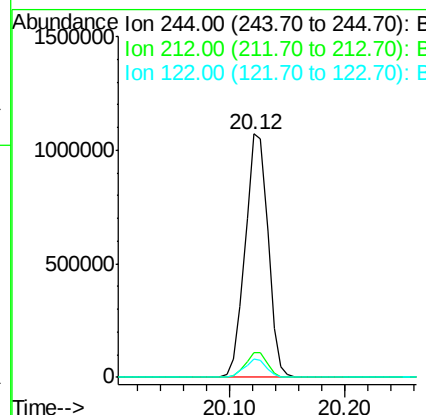
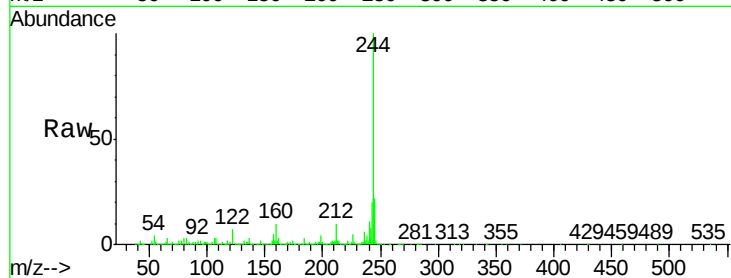




#78
 Terphenyl-d14
 Concen: 91.37 ng
 RT: 20.12 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

Tgt Ion:244 Resp: 1468354
 Ion Ratio Lower Upper
 244 100
 212 10.4 10.8 16.2#
 122 7.4 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Tgt Ion:264 Resp: 364891
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.0 18.9 28.3

