

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020941.D
 Acq On : 18 Feb 2016 18:32
 Operator : SJ/UM
 Sample : PB88350BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:48:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	16025	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	77987	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	53758	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	135673	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	123353	20.00	ng	-0.02
86) Perylene-d12	25.25	264	114634	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	127915	134.42	ng	0.00
7) Phenol-d6	7.40	99	175928	126.49	ng	0.00
23) Nitrobenzene-d5	9.43	82	93687	78.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	77237	146.10	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	275684	72.04	ng	-0.01
78) Terphenyl-d14	20.18	244	427858	80.92	ng	-0.02

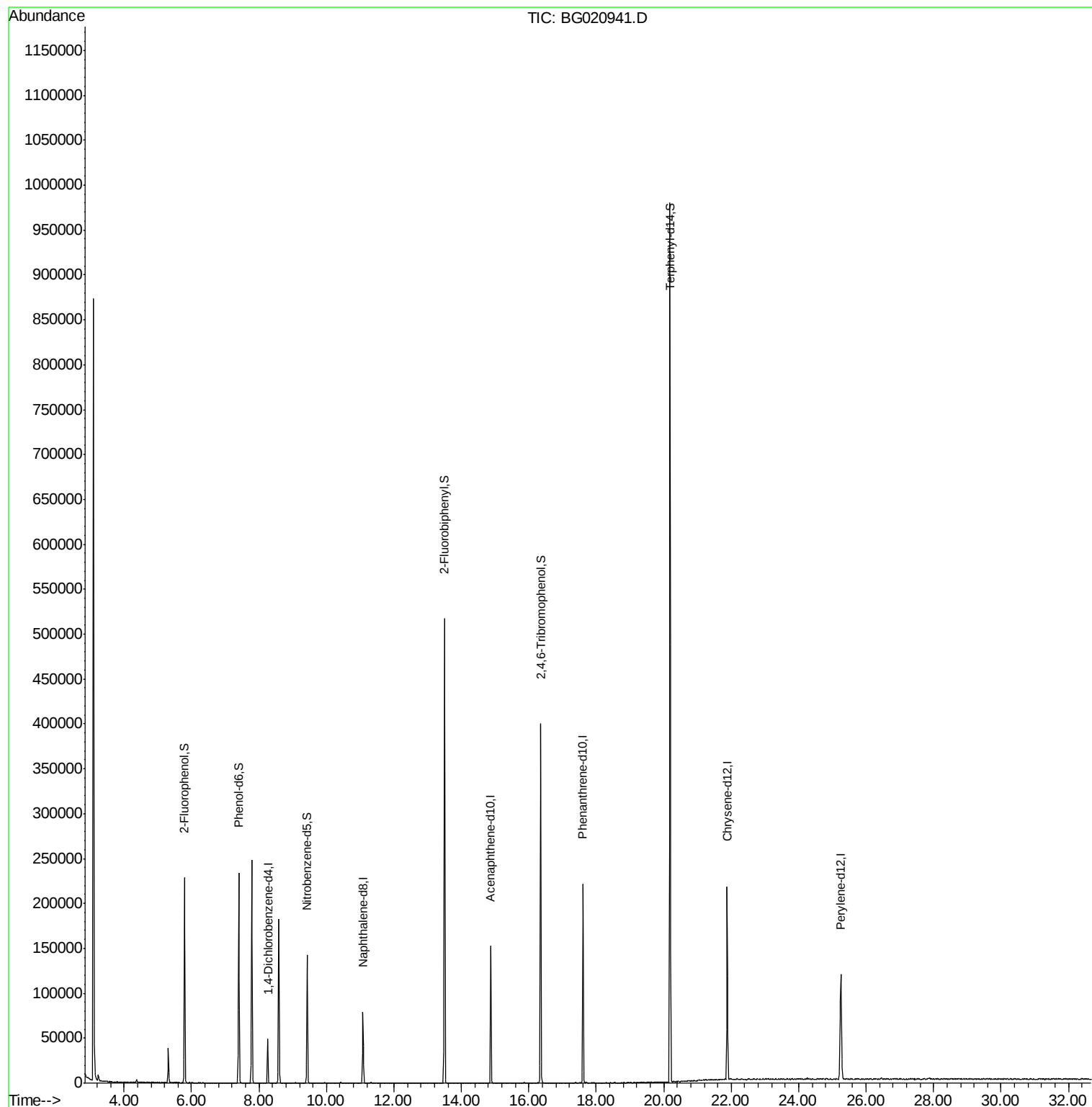
Target Compounds Qvalue

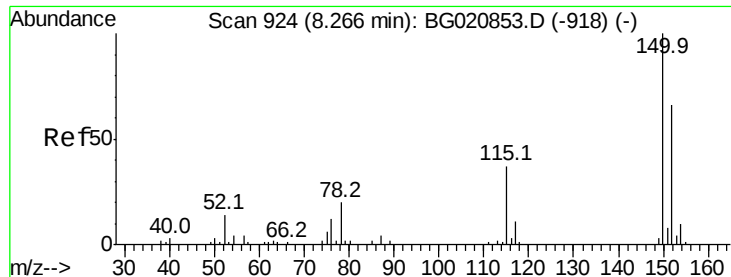
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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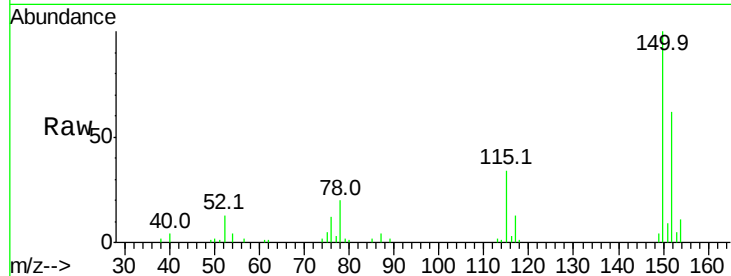


#1

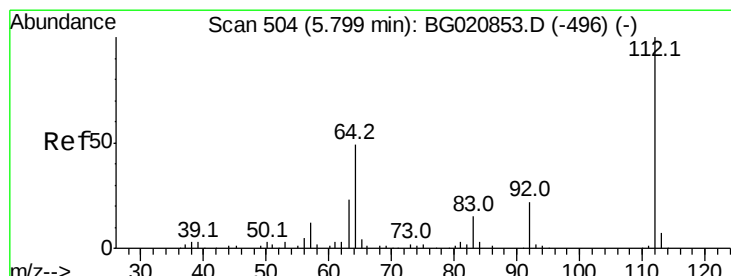
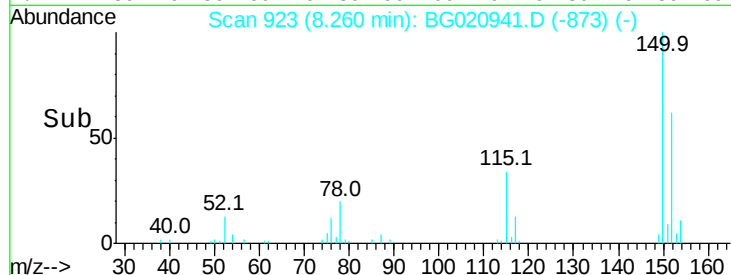
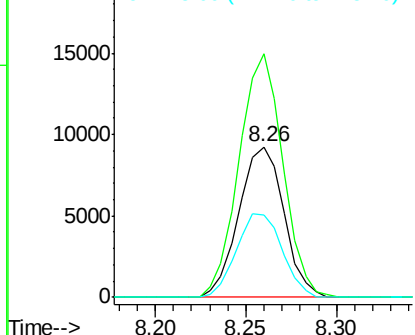
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020941.D
Acq: 18 Feb 2016 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16025
Ion Ratio Lower Upper
152 100
150 161.5 122.0 183.0
115 54.4 45.2 67.8



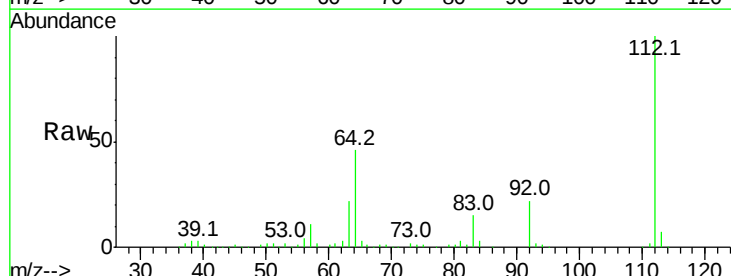
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



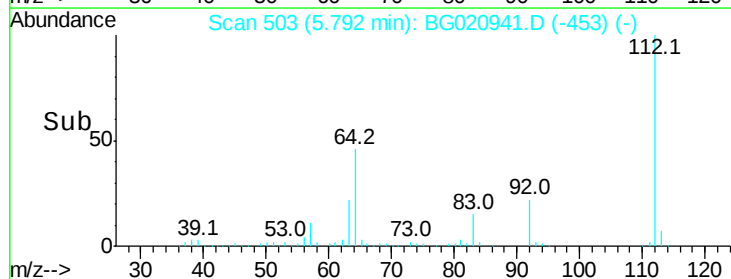
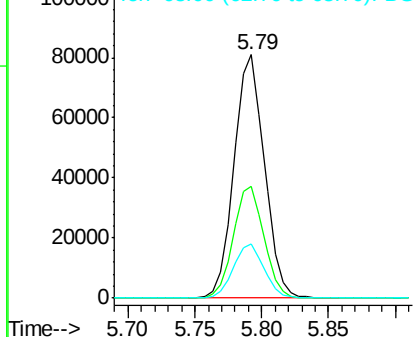
#5

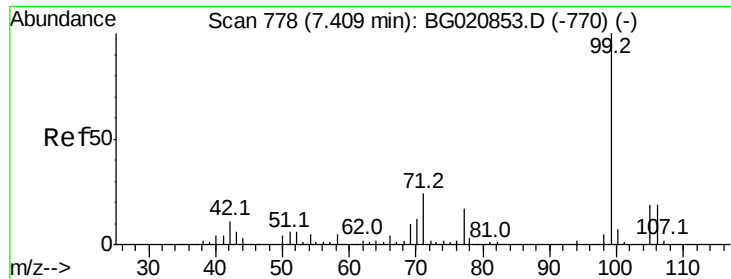
2-Fluorophenol
Concen: 134.42 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020941.D
Acq: 18 Feb 2016 18:32

Tgt Ion:112 Resp: 127915
Ion Ratio Lower Upper
112 100
64 45.7 39.3 58.9
63 22.2 18.2 27.4



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: 126.49 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

Instrument :

BNA_G

ClientSampled :

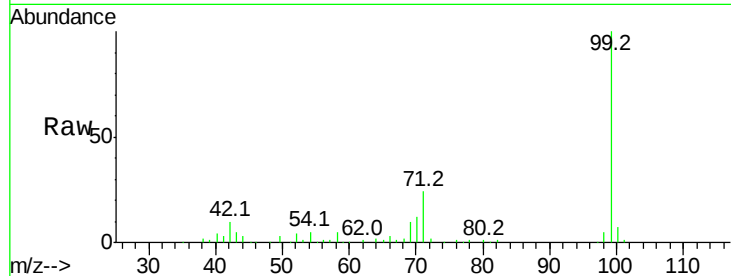
Tot Ion: 99 Resp: 175928

Ion Ratio Lower Upper

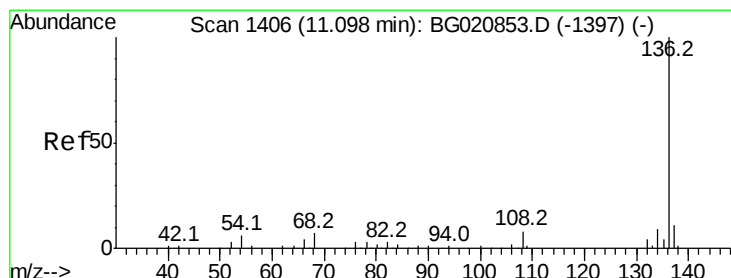
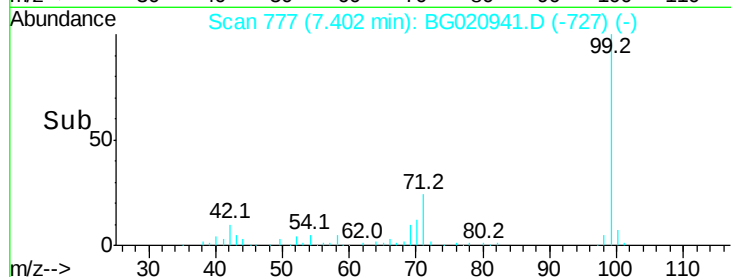
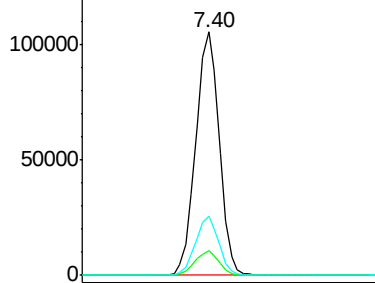
99 100

42 10.0 8.4 12.6

71 24.2 19.4 29.0



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

Tgt Ion: 136 Resp: 77987

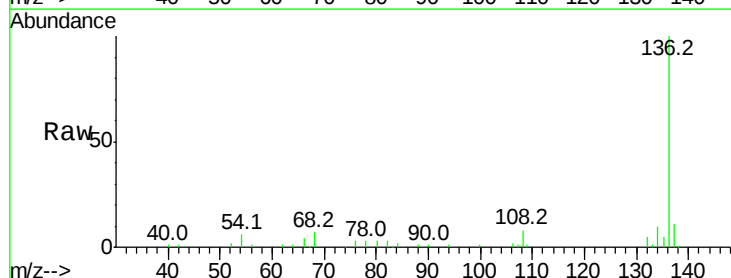
Ion Ratio Lower Upper

136 100

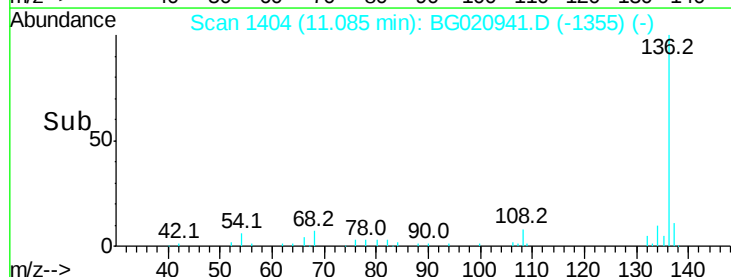
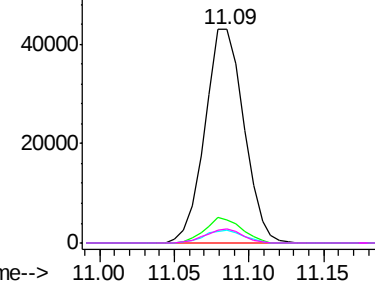
137 10.7 8.8 13.2

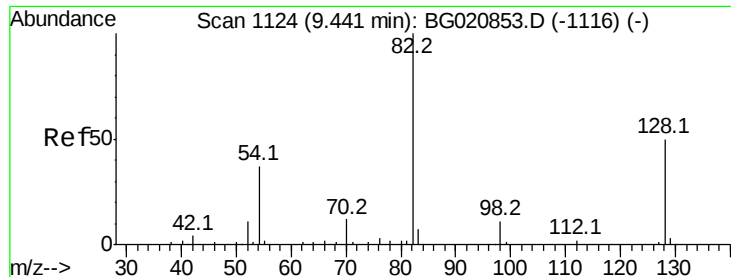
54 6.1 5.0 7.4

68 6.5 5.2 7.8



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: 78.99 ng

RT: 9.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

Instrument :

BNA_G

ClientSampleId :

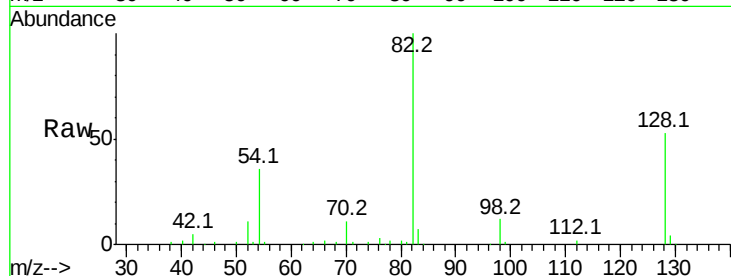
Tot Ion: 82 Resp: 93687

Ion Ratio Lower Upper

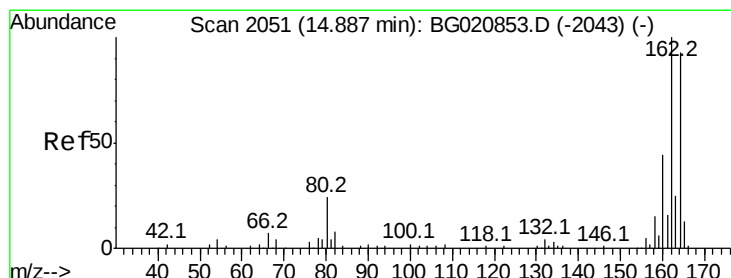
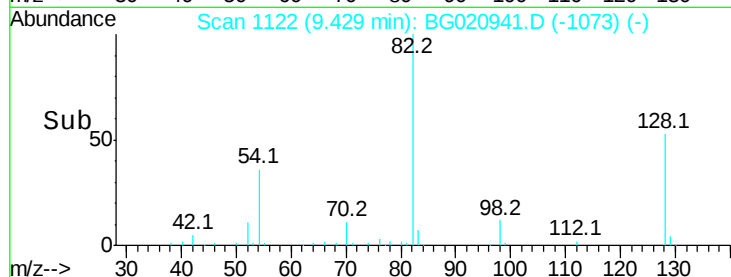
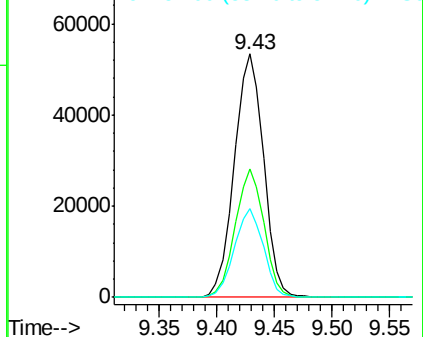
82 100

128 52.6 40.1 60.1

54 36.4 29.5 44.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

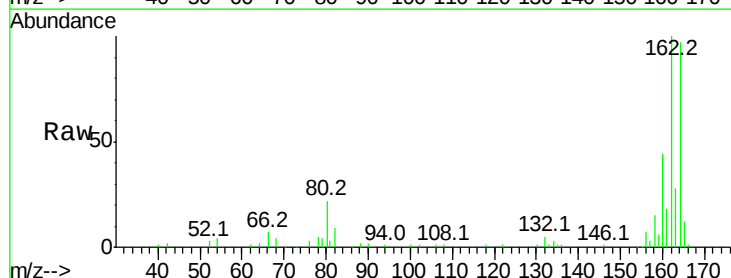
Tgt Ion:164 Resp: 53758

Ion Ratio Lower Upper

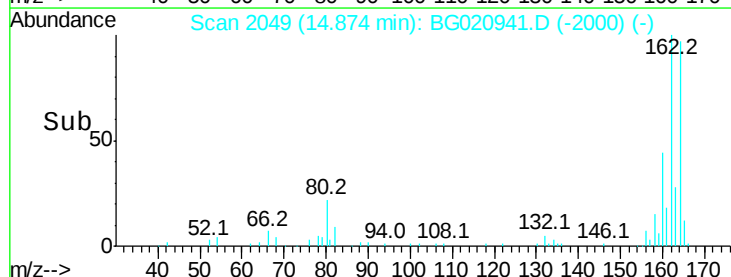
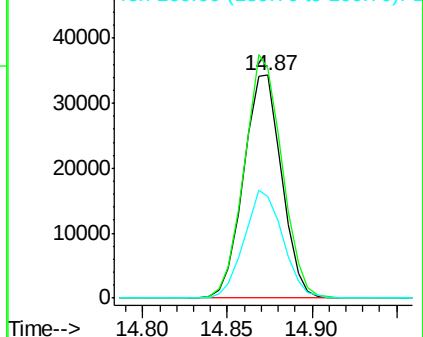
164 100

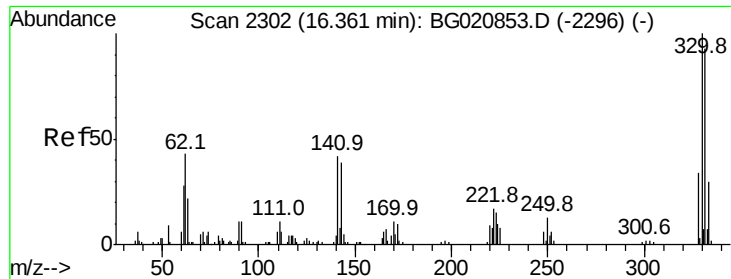
162 102.9 85.7 128.5

160 45.7 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

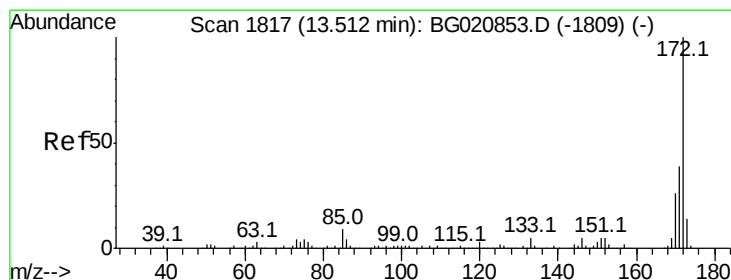
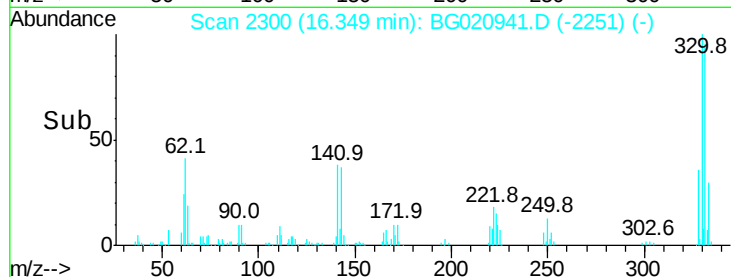
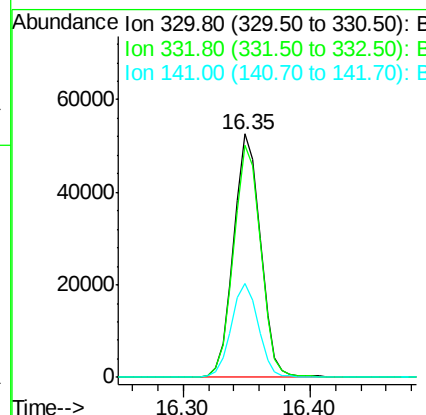
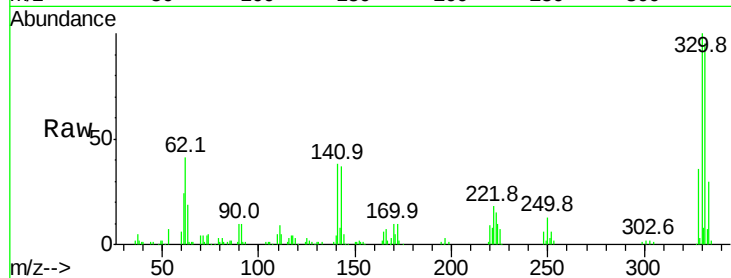




#41
 2,4,6-Tribromophenol
 Concen: 146.10 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020941.D
 Acq: 18 Feb 2016 18:32

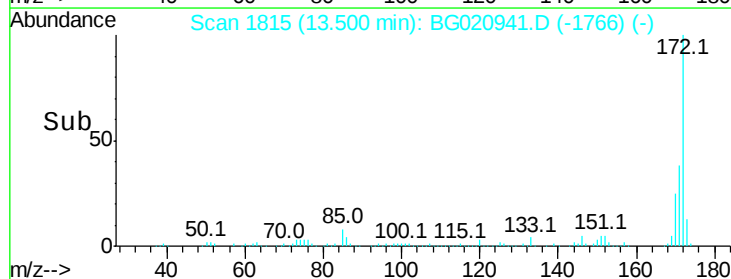
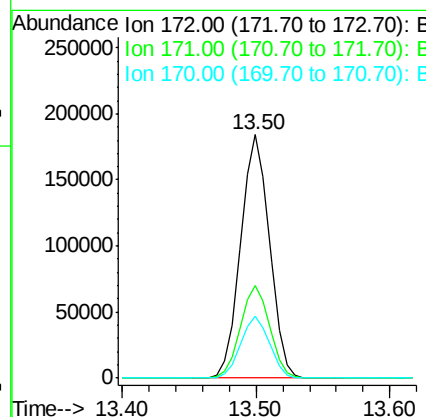
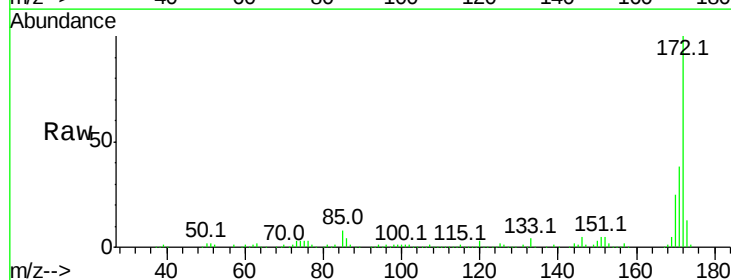
Instrument :
 BNA_G
 ClientSampleId :

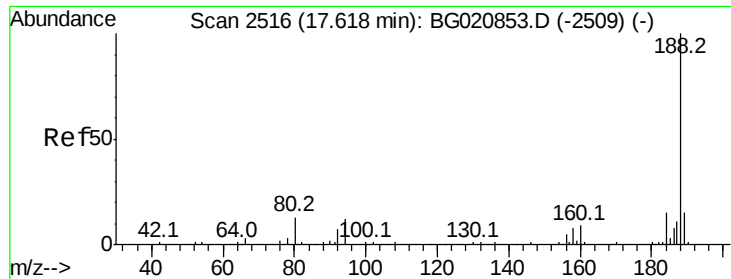
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	38.6	32.0	48.0



#44
 2-Fluorobiphenyl
 Concen: 72.04 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020941.D
 Acq: 18 Feb 2016 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.2	46.8
170	25.5	20.6	30.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

Instrument :

BNA_G

ClientSampleId :

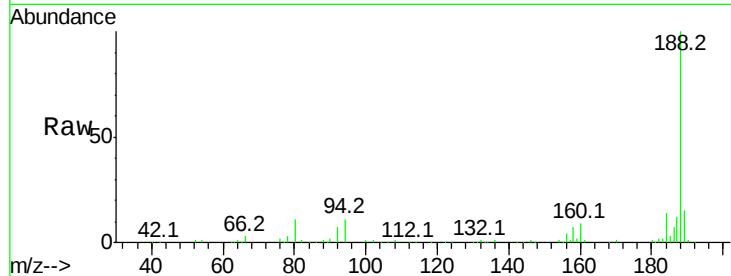
Tot Ion:188 Resp: 135673

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.0

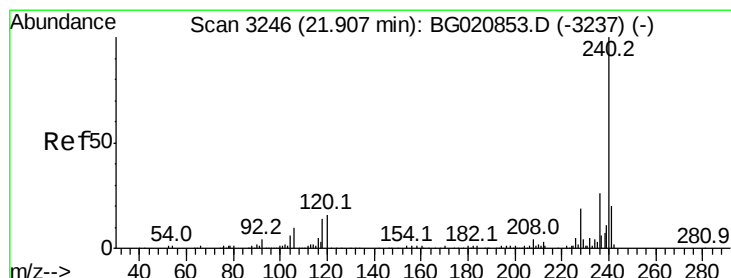
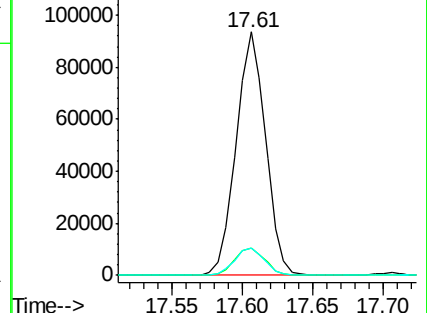
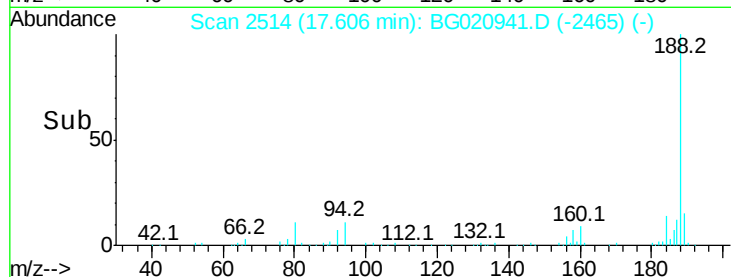
80 11.4 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

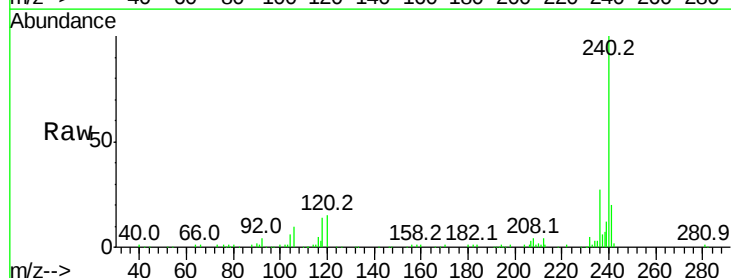
Tgt Ion:240 Resp: 123353

Ion Ratio Lower Upper

240 100

120 15.2 13.0 19.4

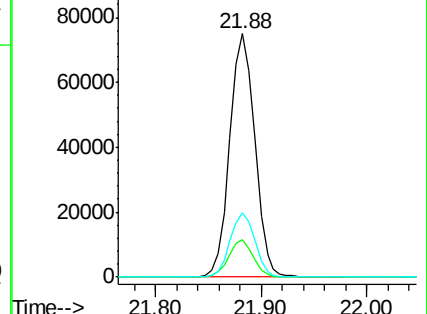
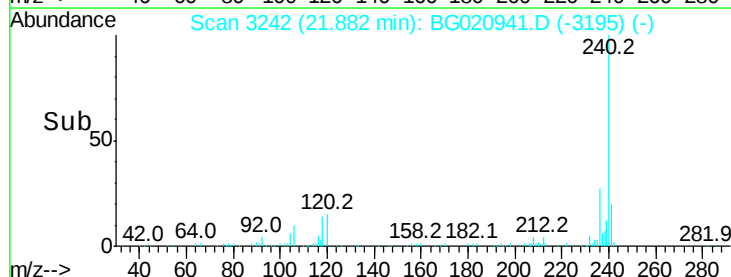
236 26.7 21.0 31.4

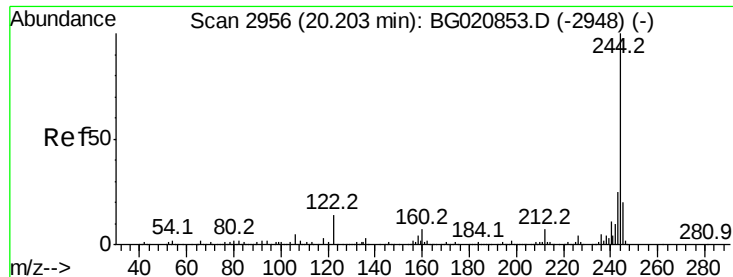


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.92 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

Instrument :

BNA_G

ClientSampleId :

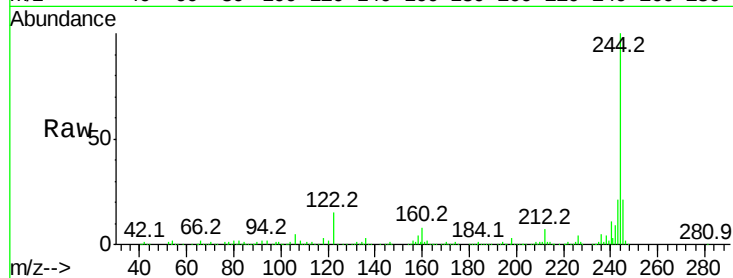
Tot Ion:244 Resp: 427858

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

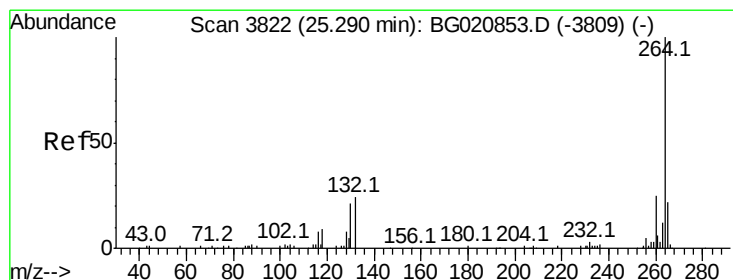
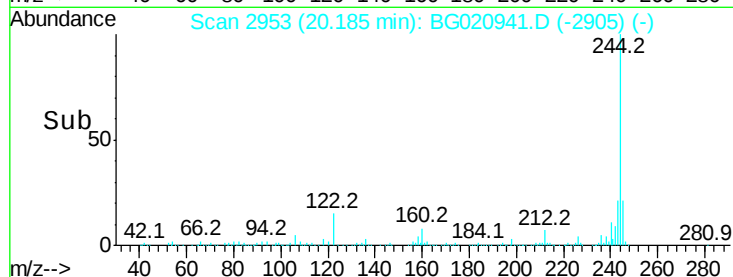
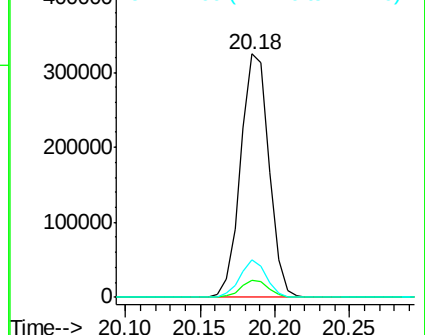
122 15.3 11.4 17.2



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: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020941.D

Acq: 18 Feb 2016 18:32

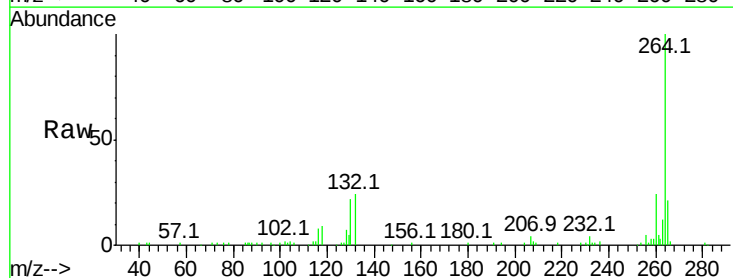
Tgt Ion:264 Resp: 114634

Ion Ratio Lower Upper

264 100

260 23.8 19.9 29.9

265 21.0 18.0 27.0



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

