

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020989.D
 Acq On : 20 Feb 2016 2:09
 Operator : SJ/UM
 Sample : PB88447BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BL

Quant Time: Feb 20 04:10:31 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	18697	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	95748	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	64626	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	138252	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	128820	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120011	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	150374	135.44	ng	0.00
7) Phenol-d6	7.41	99	214551	132.22	ng	0.00
23) Nitrobenzene-d5	9.43	82	116903	80.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	90310	142.10	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	358408	77.90	ng	-0.01
78) Terphenyl-d14	20.19	244	486462	88.10	ng	-0.01

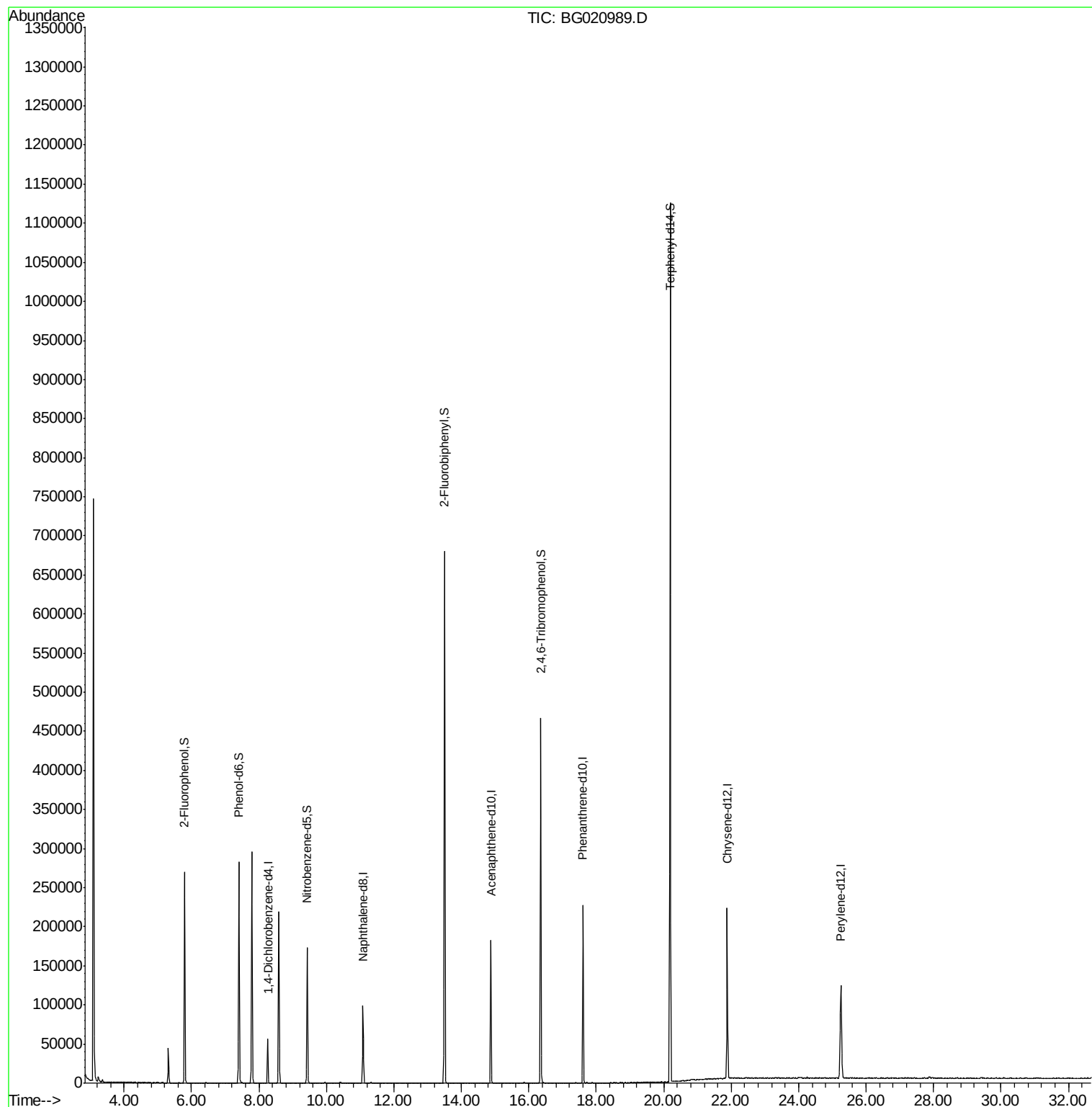
Target Compounds Qvalue

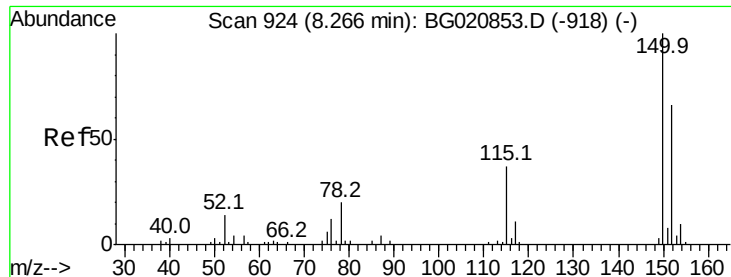
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020989.D

Acq: 20 Feb 2016 2:09

Instrument :

BNA_G

ClientSampleId :

PB88447BL

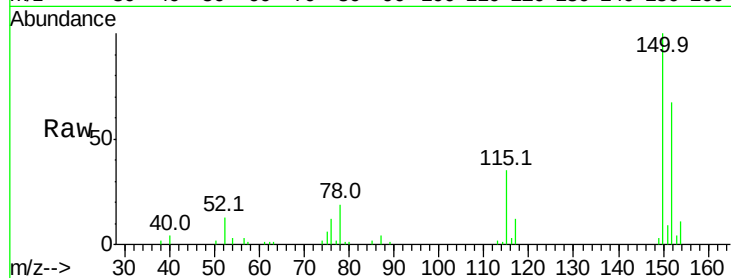
Tot Ion:152 Resp: 18697

Ion Ratio Lower Upper

152 100

150 149.5 122.0 183.0

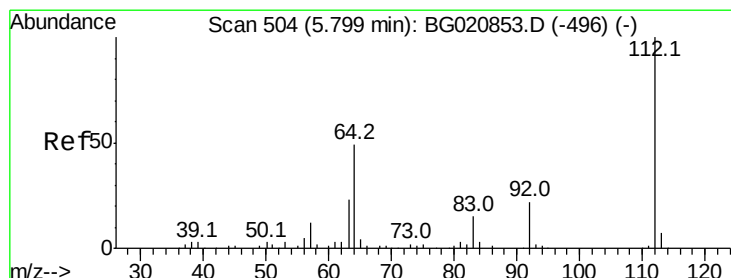
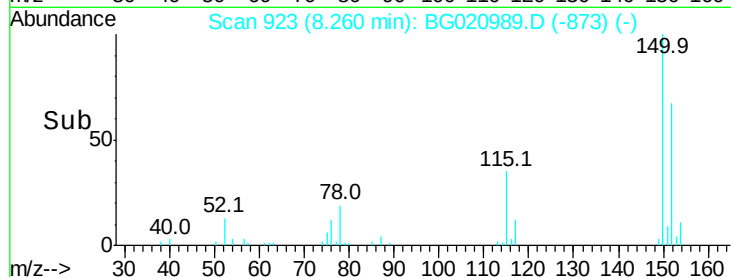
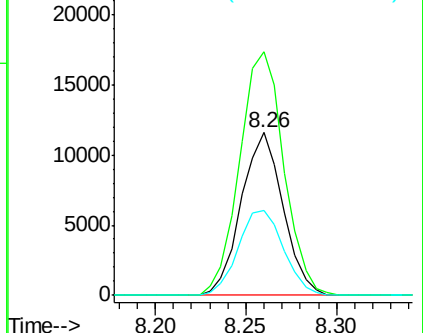
115 52.2 45.2 67.8



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: 135.44 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

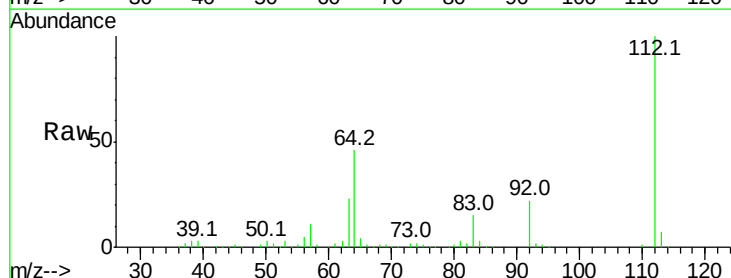
Tgt Ion:112 Resp: 150374

Ion Ratio Lower Upper

112 100

64 46.5 39.3 58.9

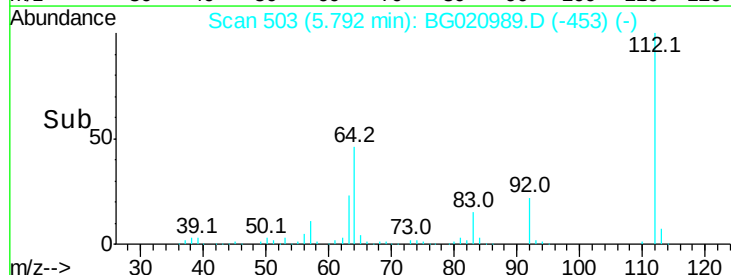
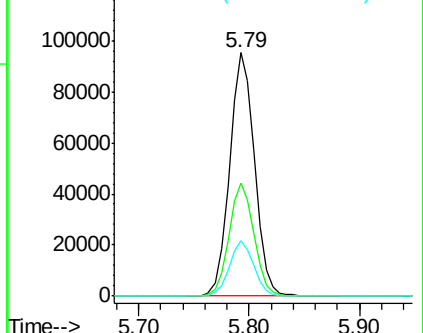
63 22.7 18.2 27.4

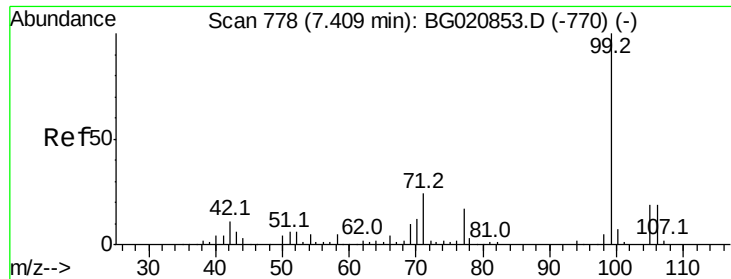


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.22 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

Instrument :

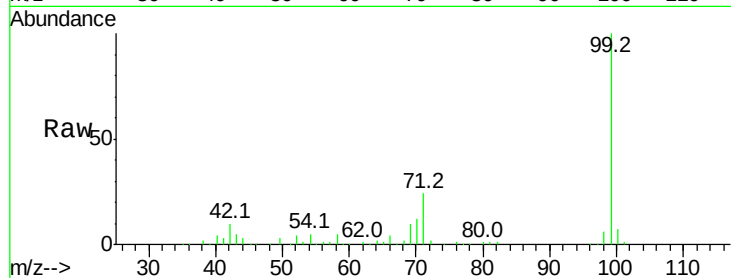
BNA_G

ClientSampleId :

PB88447BL

Tot Ion: 99 Resp: 214551

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.4	12.6
71	24.4	19.4	29.0

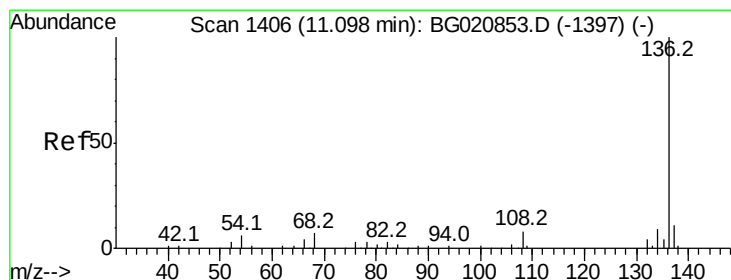
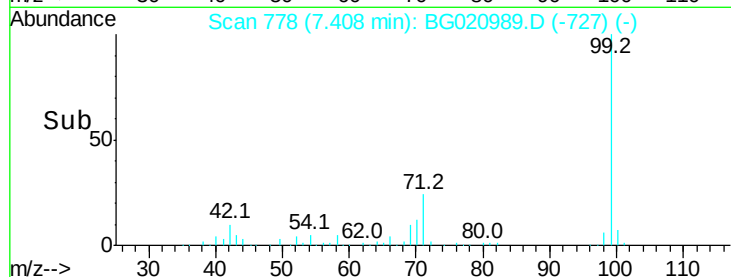
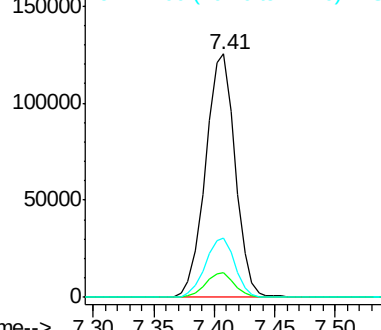


Abundance

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

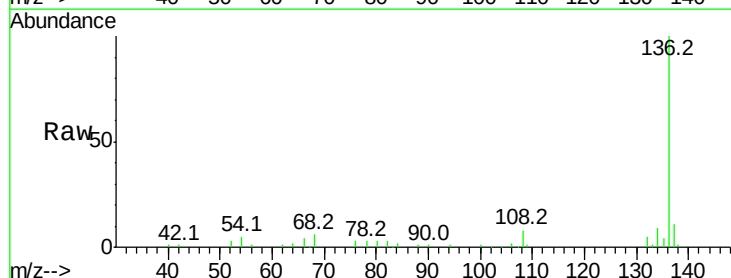
Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

Tgt Ion: 136 Resp: 95748

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.5	5.0	7.4
68	5.6	5.2	7.8



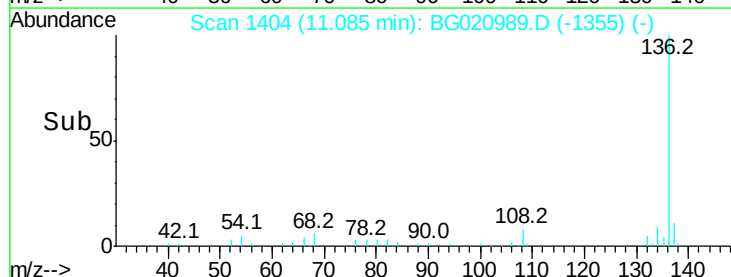
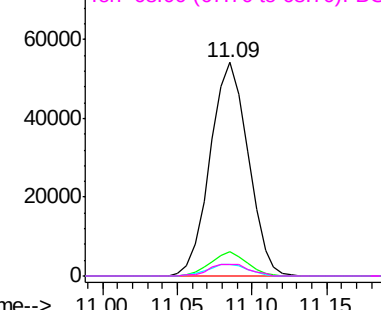
Abundance

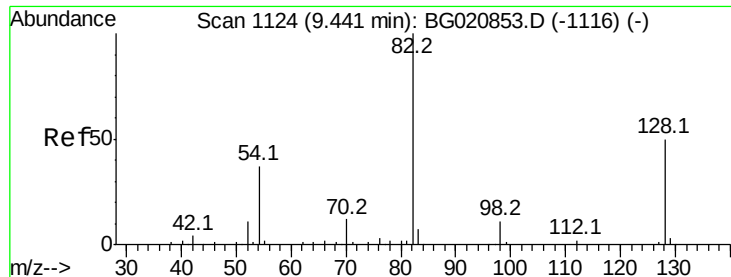
Ion 136.00 (135.70 to 136.70): BGC

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

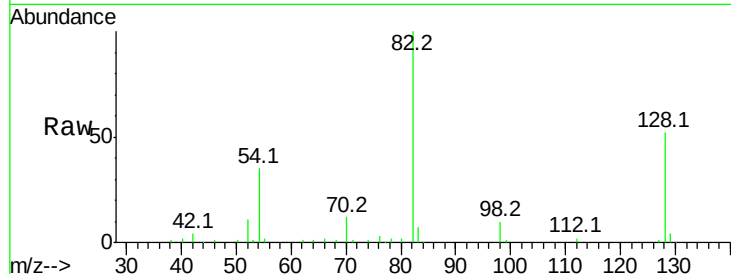




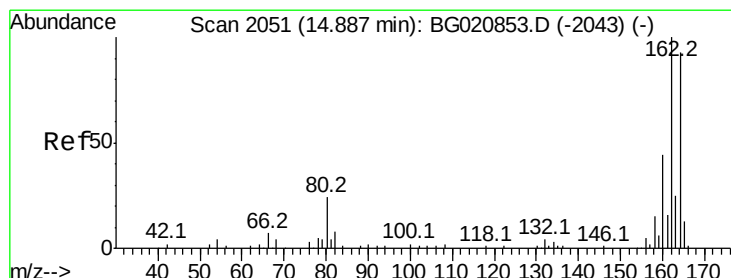
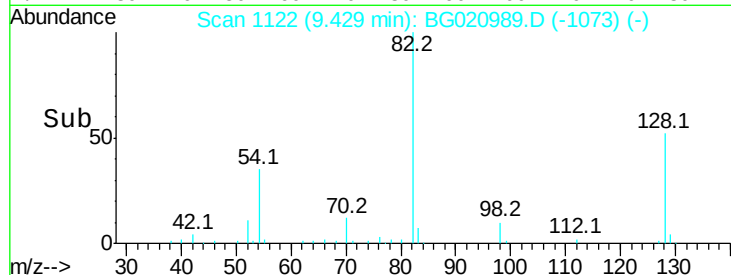
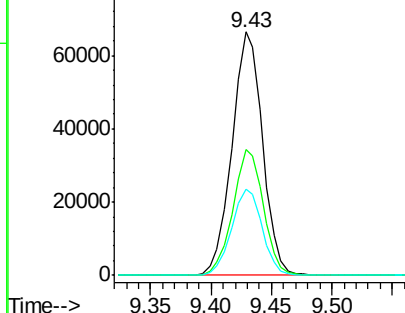
#23
 Nitrobenzene-d5
 Concen: 80.28 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020989.D
 Acq: 20 Feb 2016 2:09

Instrument :
 BNA_G
 ClientSampleID :
 PB88447BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.1	60.1
54	35.4	29.5	44.3

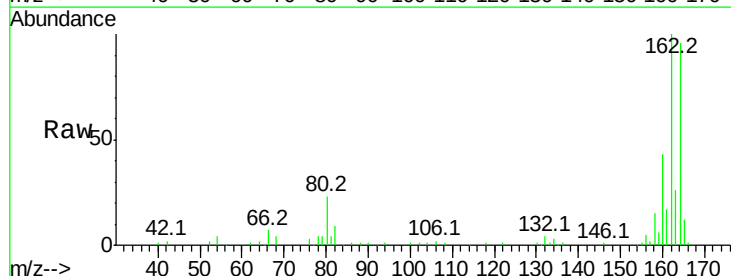


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

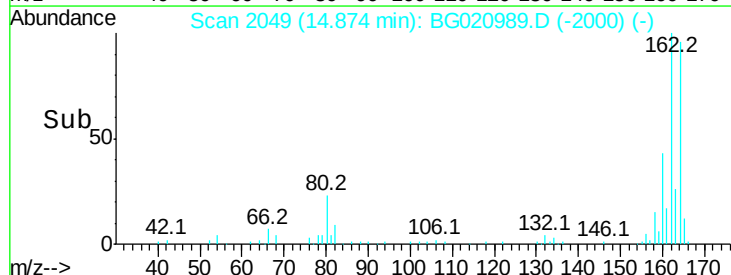
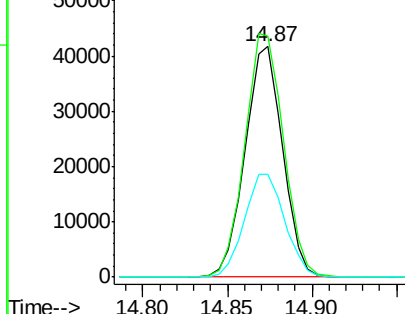


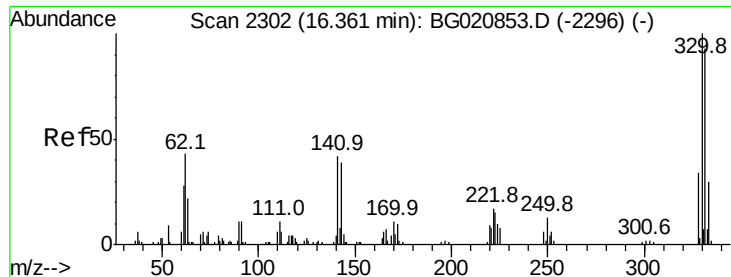
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020989.D
 Acq: 20 Feb 2016 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.7	128.5
160	44.7	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: 142.10 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

Instrument :

BNA_G

ClientSampleId :

PB88447BL

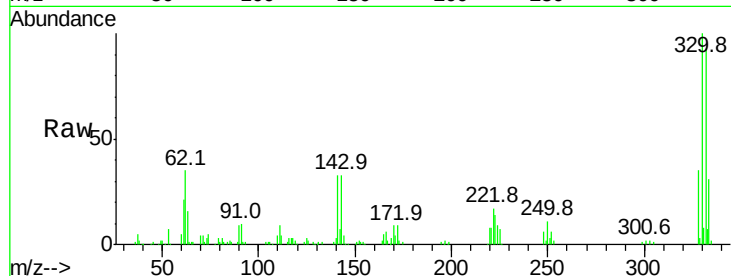
Tot Ion:330 Resp: 90310

Ion Ratio Lower Upper

330 100

332 94.3 76.1 114.1

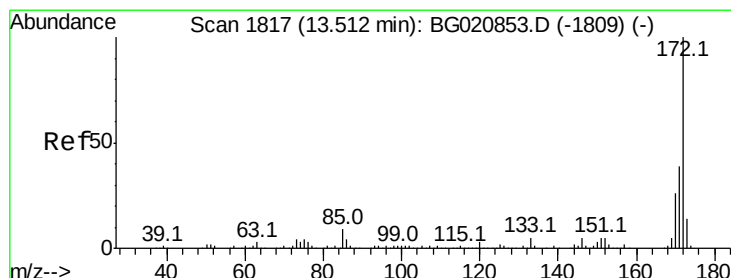
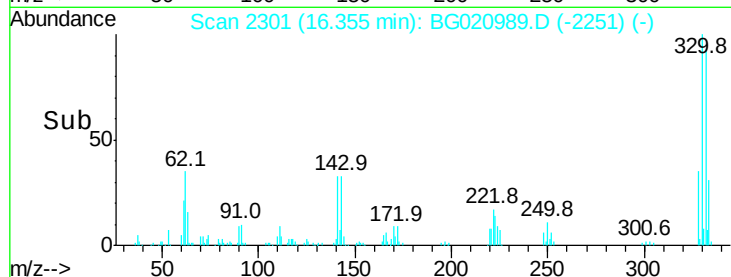
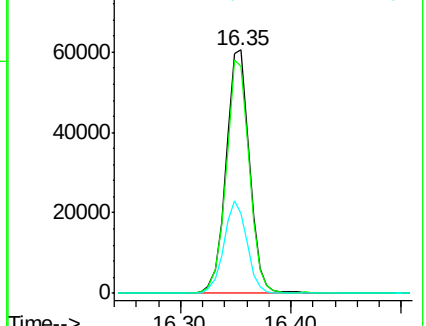
141 37.2 32.0 48.0



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: 77.90 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

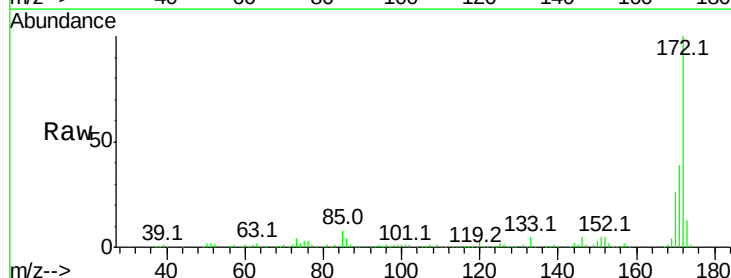
Tgt Ion:172 Resp: 358408

Ion Ratio Lower Upper

172 100

171 39.5 31.2 46.8

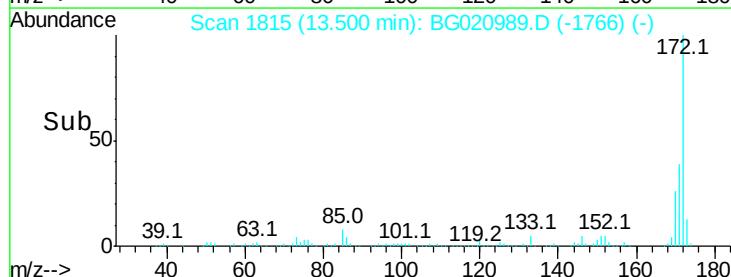
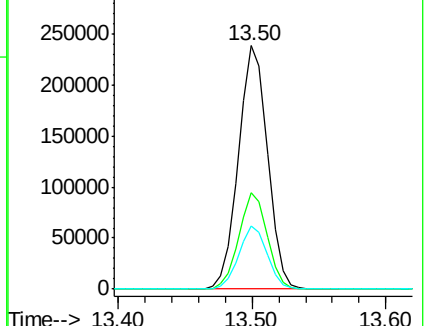
170 26.1 20.6 30.8

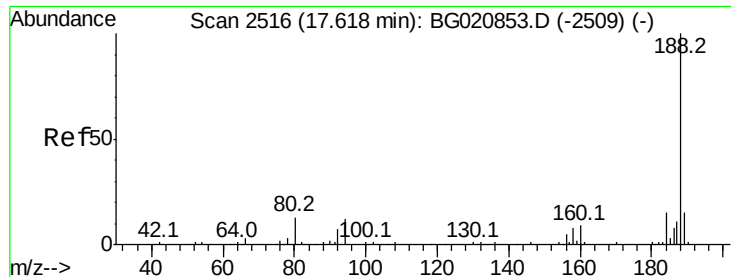


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

Instrument :

BNA_G

ClientSampleId :

PB88447BL

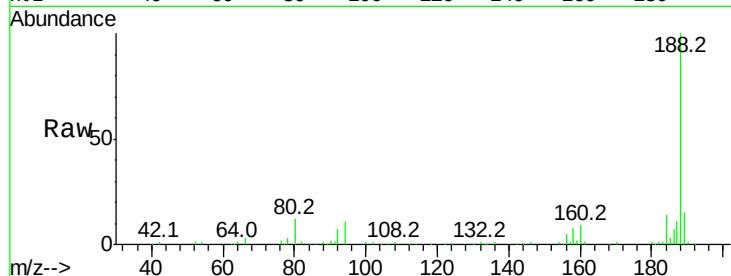
Tot Ion:188 Resp: 138252

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.0

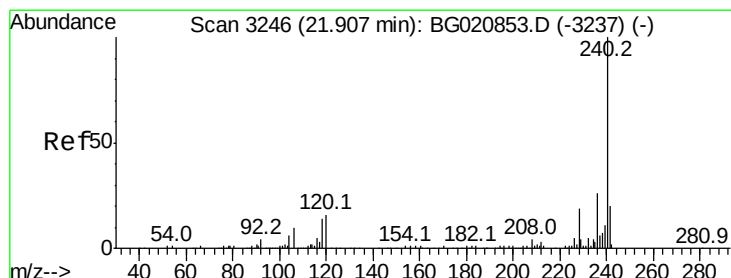
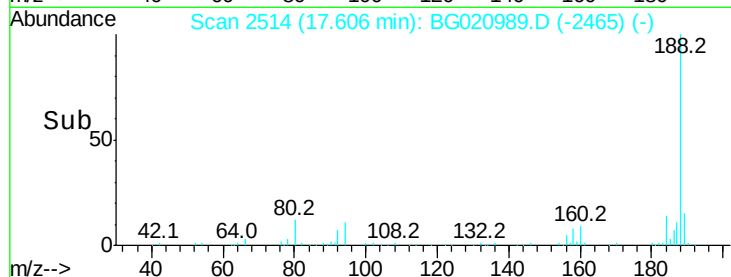
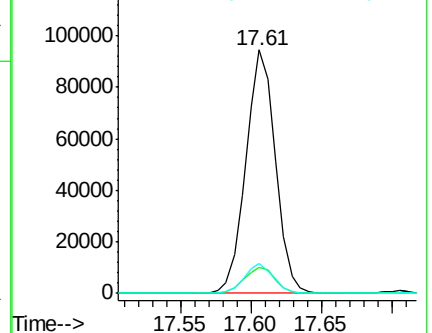
80 12.4 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

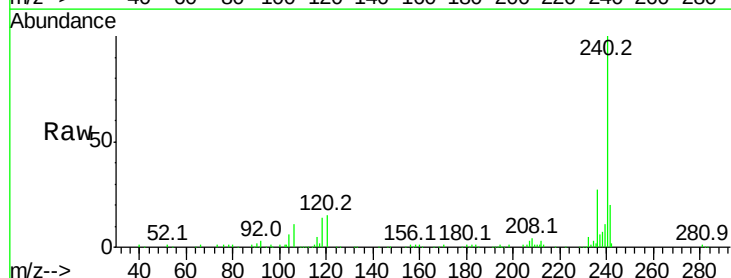
Tgt Ion:240 Resp: 128820

Ion Ratio Lower Upper

240 100

120 14.6 13.0 19.4

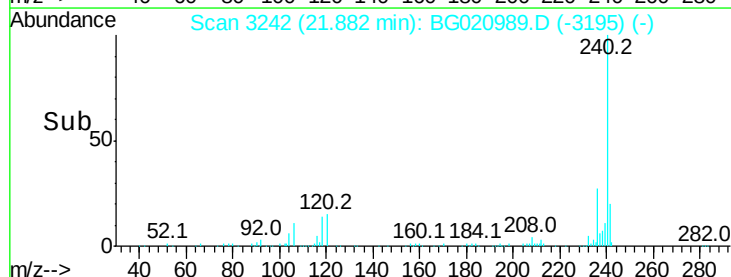
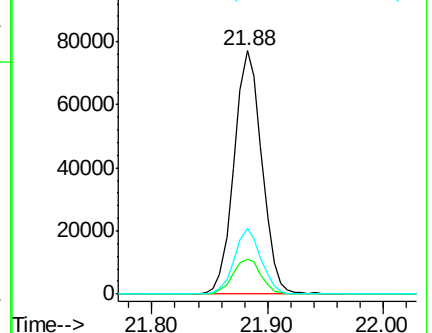
236 26.8 21.0 31.4

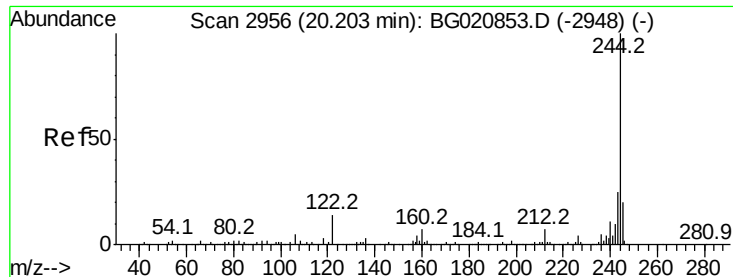


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.10 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

Instrument :

BNA_G

ClientSampleId :

PB88447BL

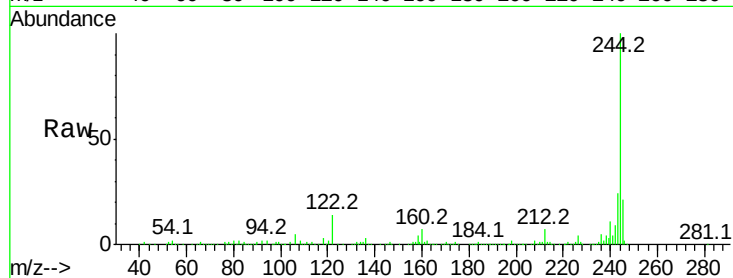
Tot Ion:244 Resp: 486462

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 13.7 11.4 17.2

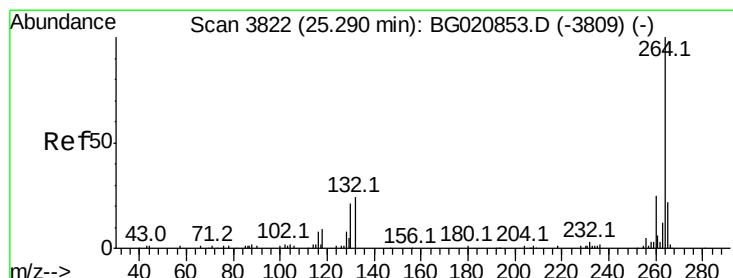
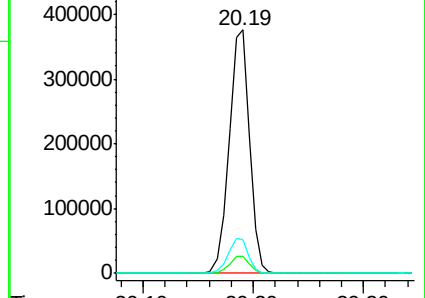
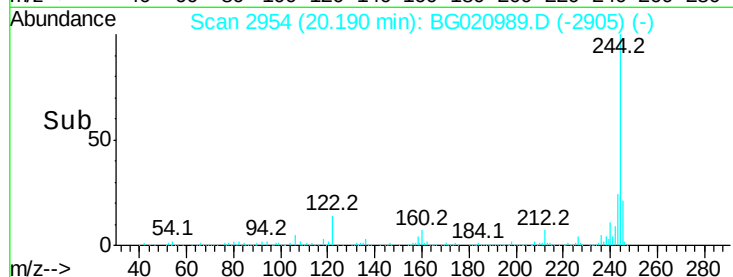


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.19



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG020989.D

Acq: 20 Feb 2016 2:09

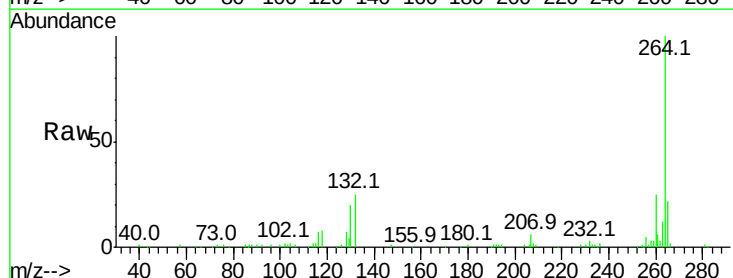
Tgt Ion:264 Resp: 120011

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 22.3 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

25.25

