

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 04:12:08 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	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

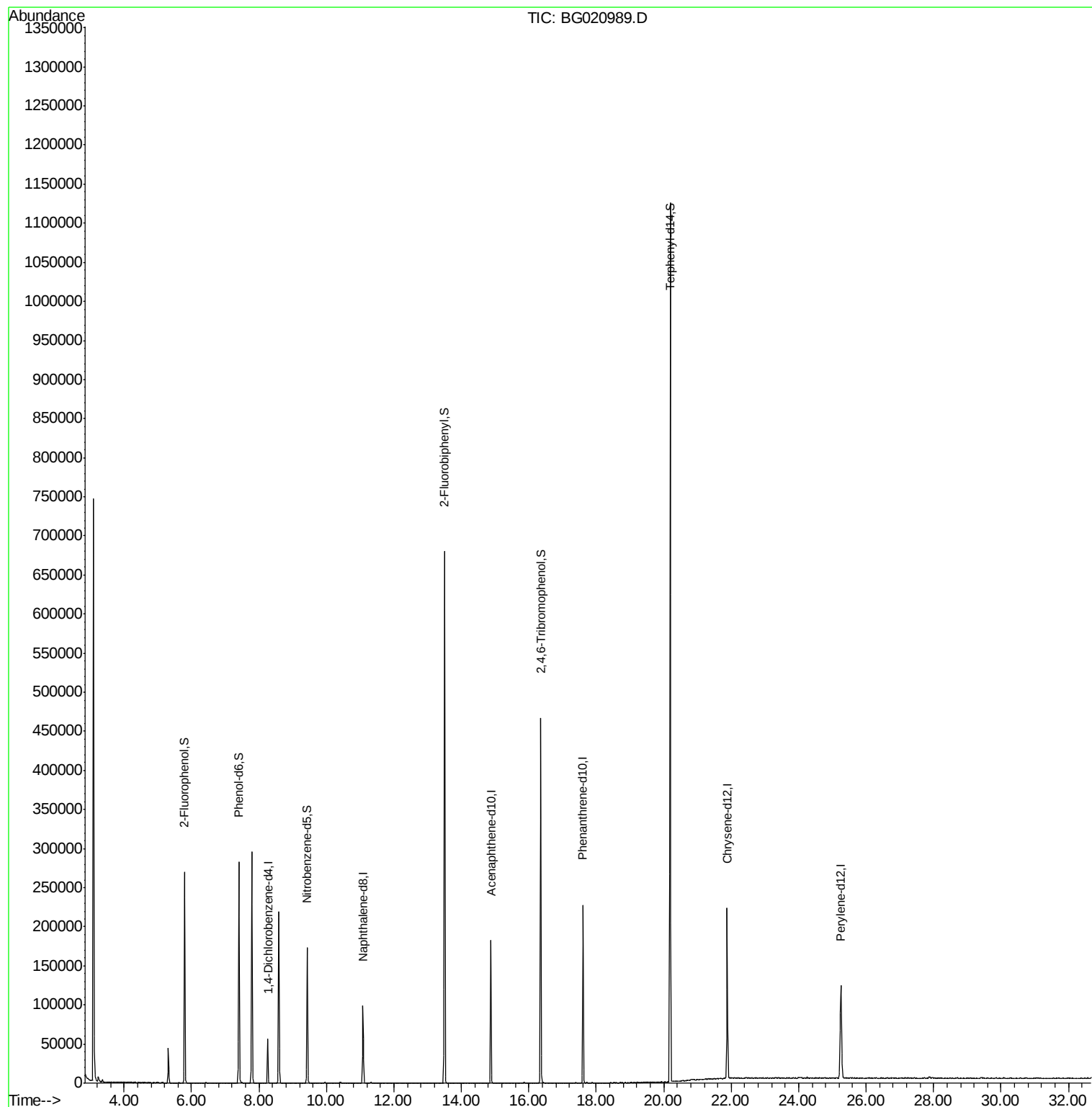
Target Compounds Qvalue

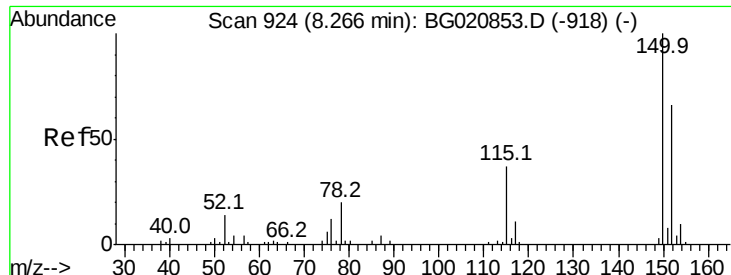
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

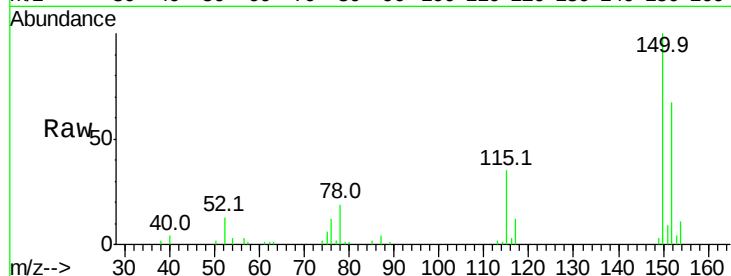
Tot Ion:152 Resp: 18697

Ion Ratio Lower Upper

152 100

150 149.5 122.0 183.0

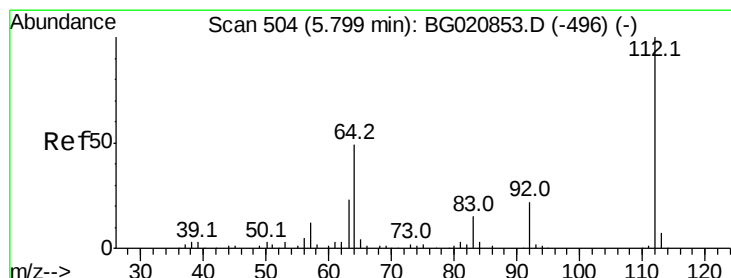
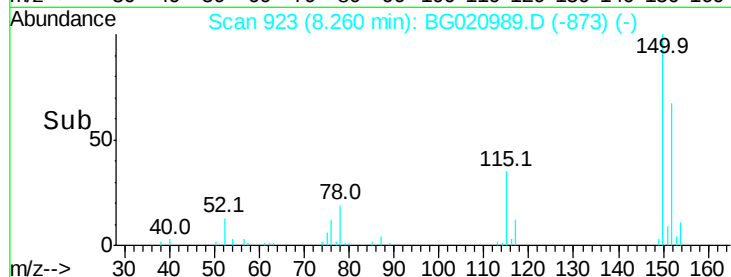
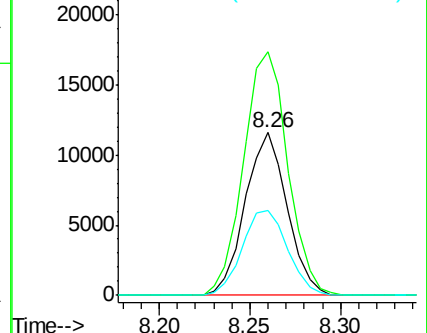
115 52.2 45.2 67.8



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

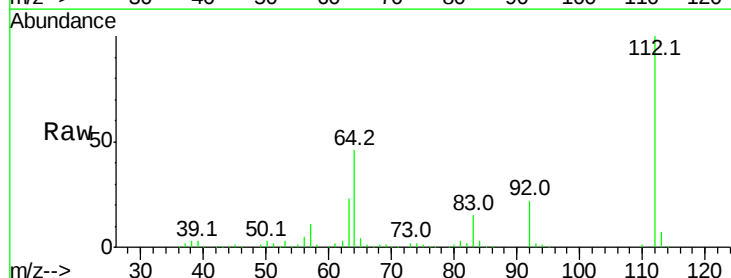
Tgt Ion:112 Resp: 150374

Ion Ratio Lower Upper

112 100

64 46.5 39.3 58.9

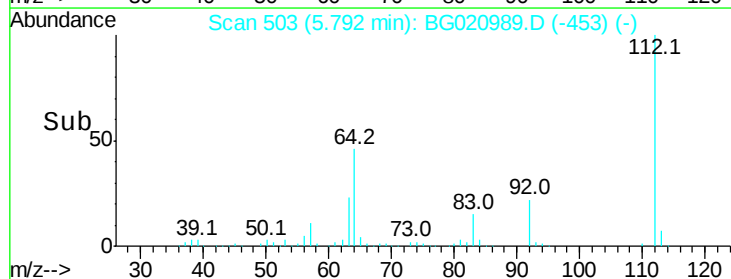
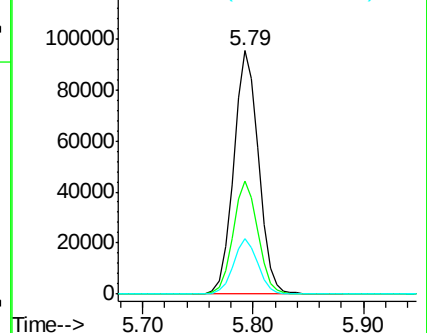
63 22.7 18.2 27.4



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

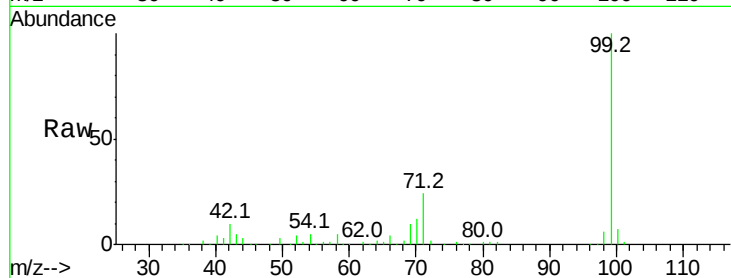
Tot Ion: 99 Resp: 214551

Ion Ratio Lower Upper

99 100

42 10.0 8.4 12.6

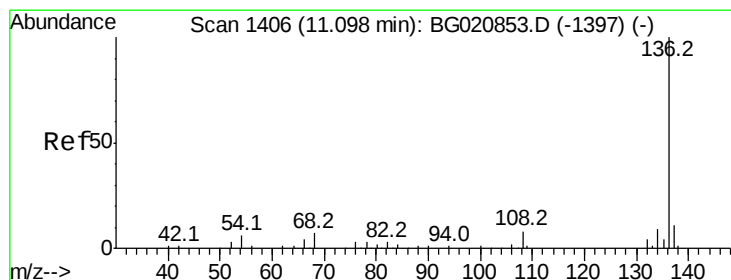
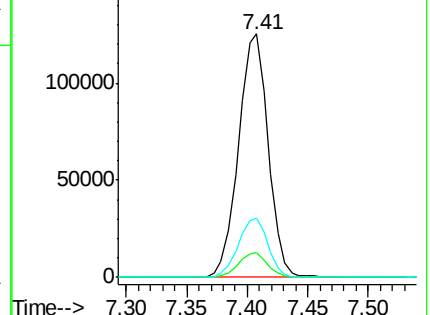
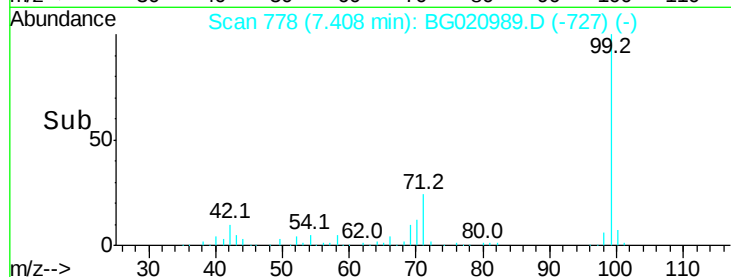
71 24.4 19.4 29.0



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

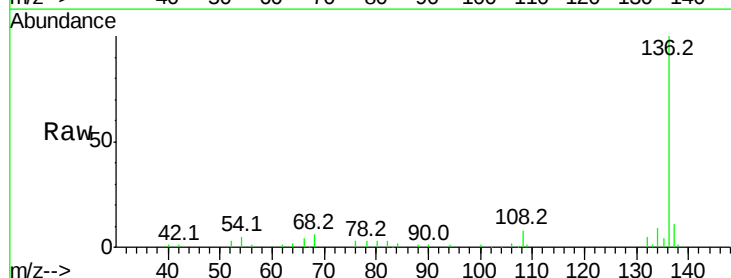
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.5 5.0 7.4

68 5.6 5.2 7.8

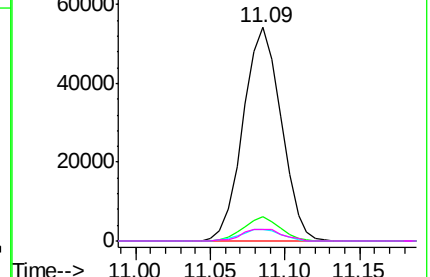
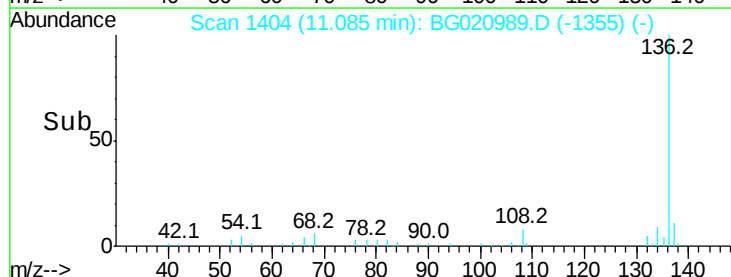


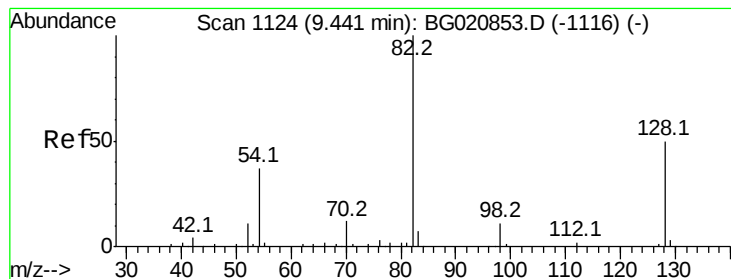
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

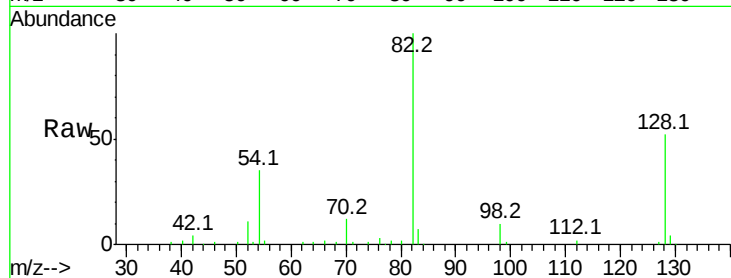
Tot Ion: 82 Resp: 116903

Ion Ratio Lower Upper

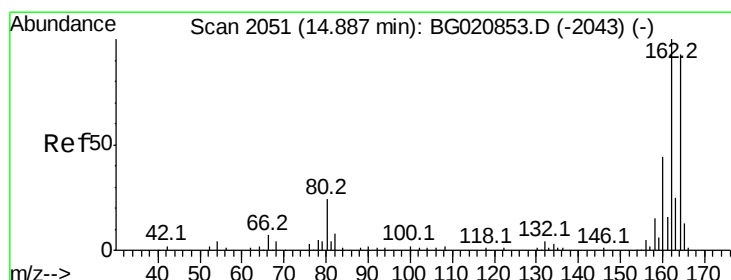
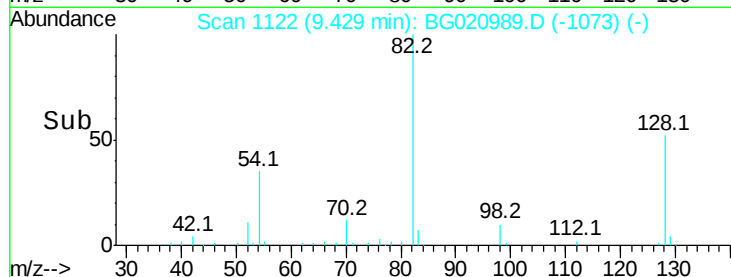
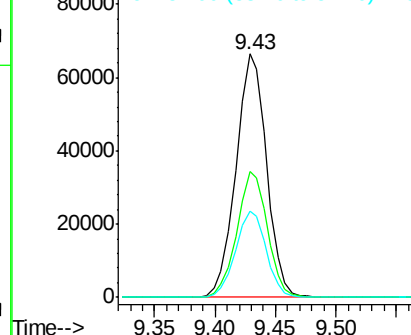
82 100

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

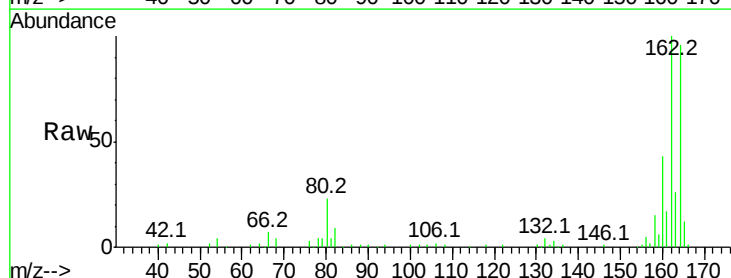
Tgt Ion:164 Resp: 64626

Ion Ratio Lower Upper

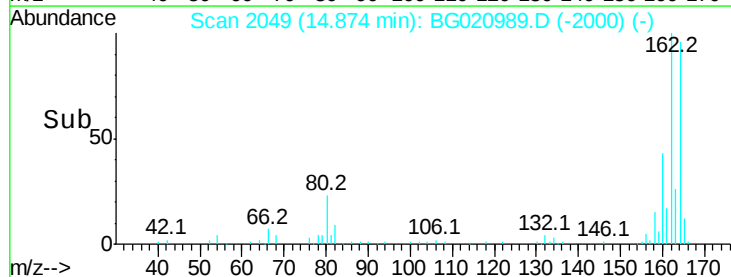
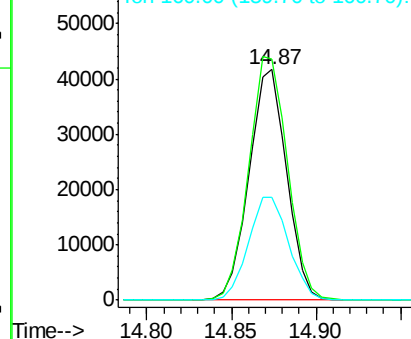
164 100

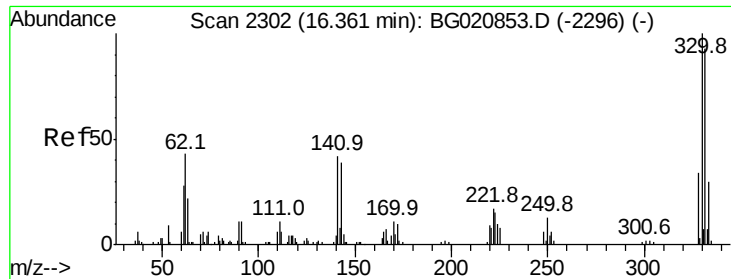
162 104.5 85.7 128.5

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

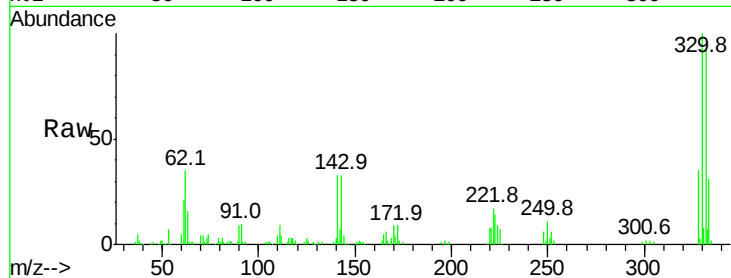




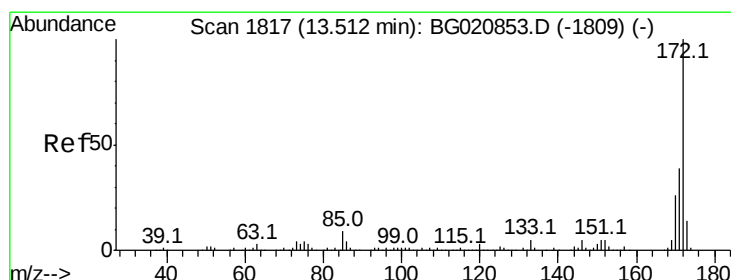
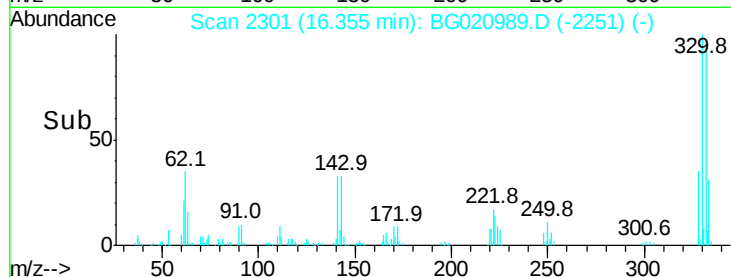
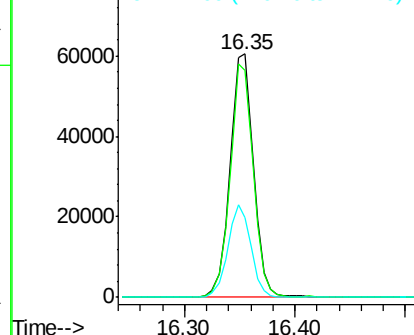
#41
 2,4,6-Tribromophenol
 Concen: 142.10 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020989.D
 Acq: 20 Feb 2016 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.1	114.1
141	37.2	32.0	48.0

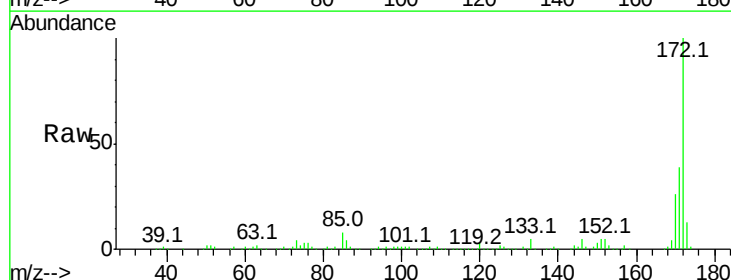


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

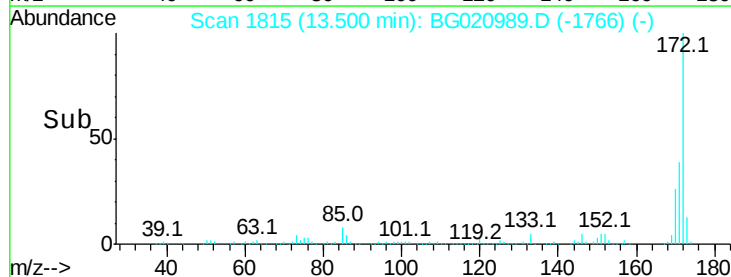
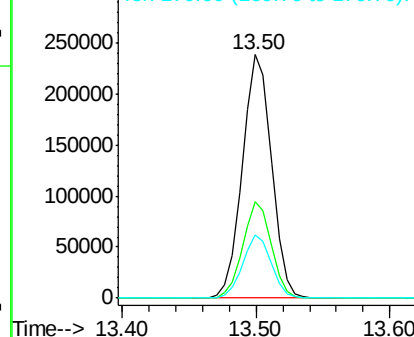


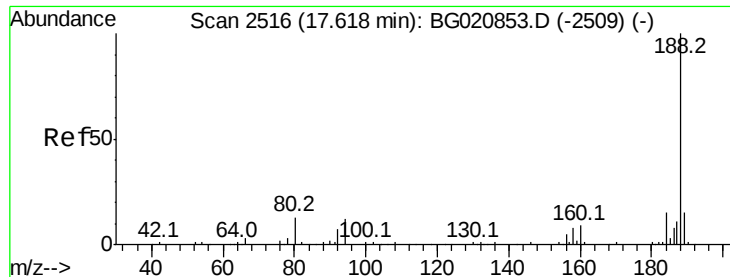
#44
 2-Fluorobiphenyl
 Concen: 77.90 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020989.D
 Acq: 20 Feb 2016 2:09

Tgt Ion	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

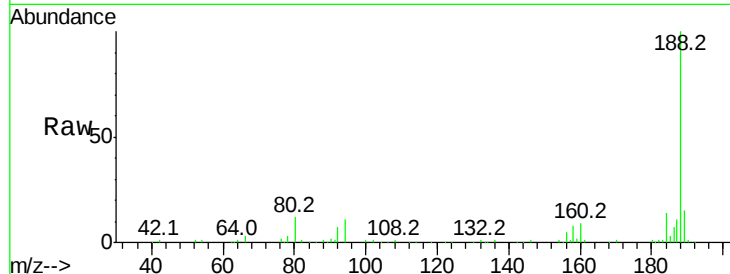




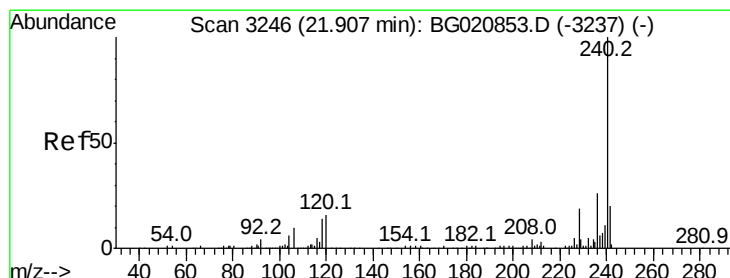
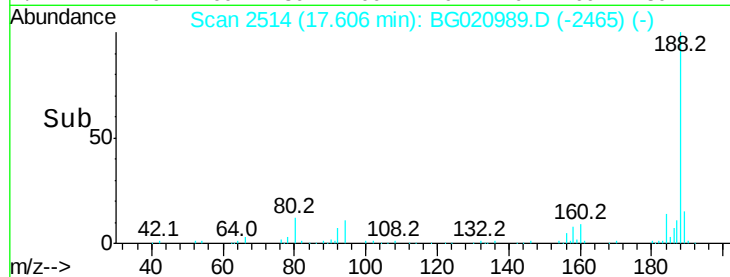
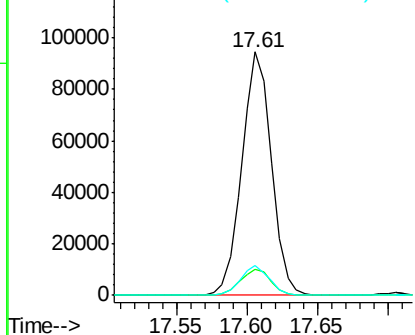
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020989.D
Acq: 20 Feb 2016 2:09

Instrument :
BNA_G
ClientSampleId :
PB88447BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.0
80	12.4	10.2	15.4

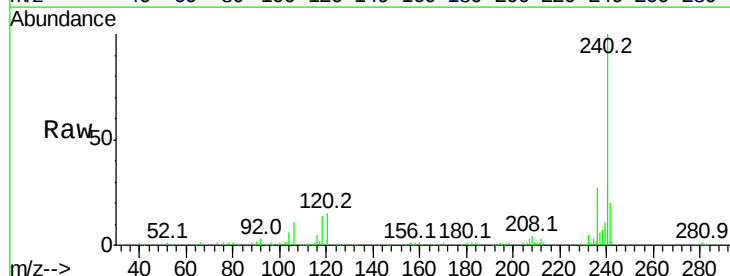


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

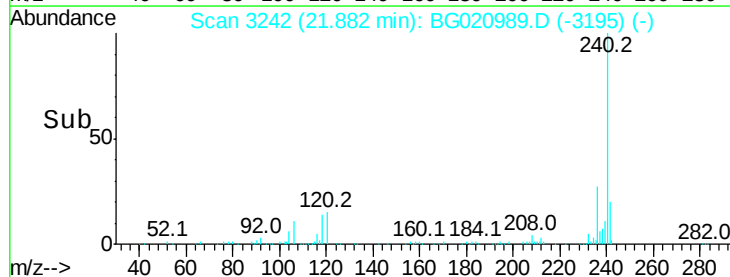
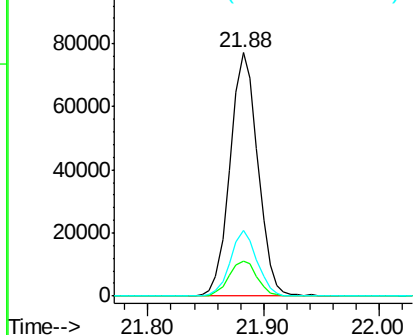


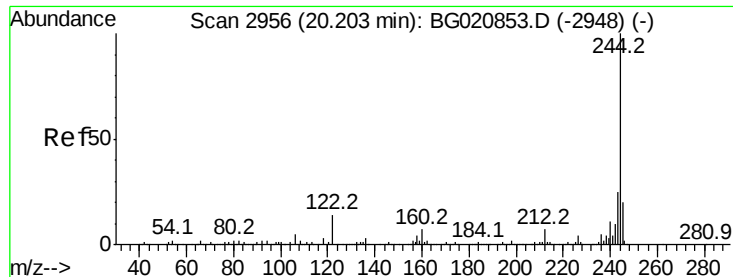
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020989.D
Acq: 20 Feb 2016 2:09

Tgt Ion	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

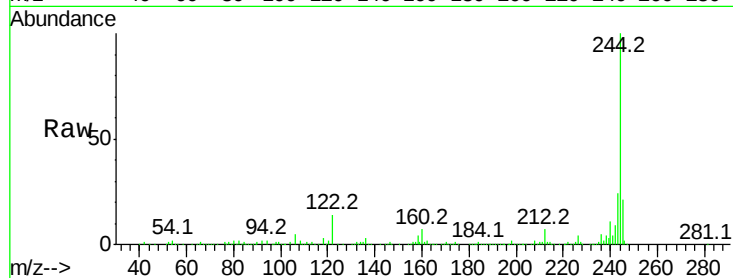
Tot Ion:244 Resp: 486462

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

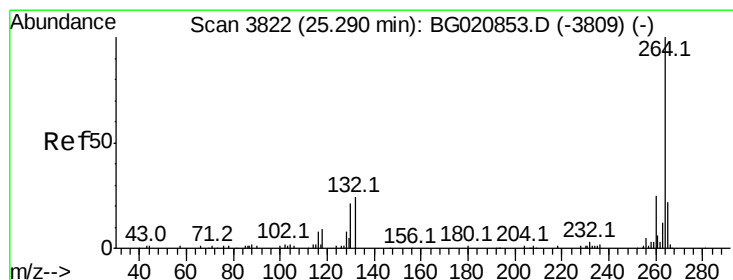
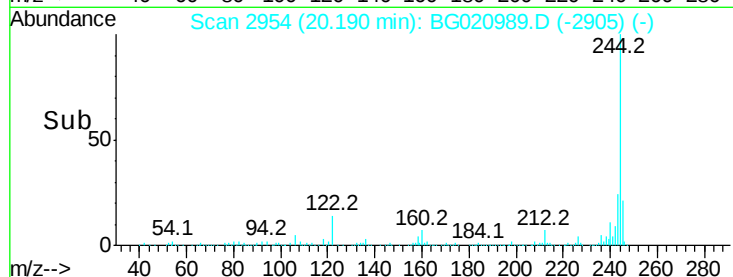
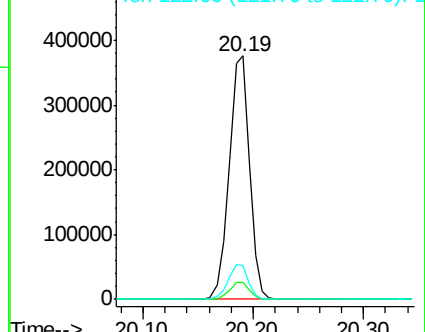
122 13.7 11.4 17.2



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



#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

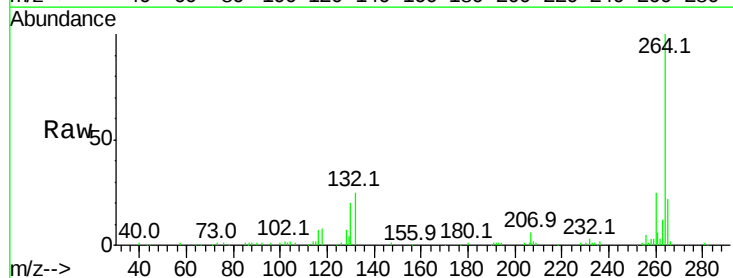
Tgt Ion:264 Resp: 120011

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

