

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021216\
 Data File : BG020899.D
 Acq On : 12 Feb 2016 19:11
 Operator : SJ/UM
 Sample : PB88197BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88197BL

Quant Time: Feb 13 03:41:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG021216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 18:22:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18478	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	94325	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	59328	20.00	ng	0.00
10) Phenanthrene-d10	17.62	188	124152	20.00	ng	0.00
11) Chrysene-d12	21.90	240	115813	20.00	ng	0.00
13) Perylene-d12	25.28	264	106288	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	5.80	112	107055	90.04	ng	0.00
3) Phenol-d6	7.41	99	151668	85.19	ng	0.00
5) Nitrobenzene-d5	9.44	82	123303	84.08	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	50872	78.54	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	351631	84.00	ng	0.00
12) Terphenyl-d14	20.20	244	462772	84.23	ng	0.00

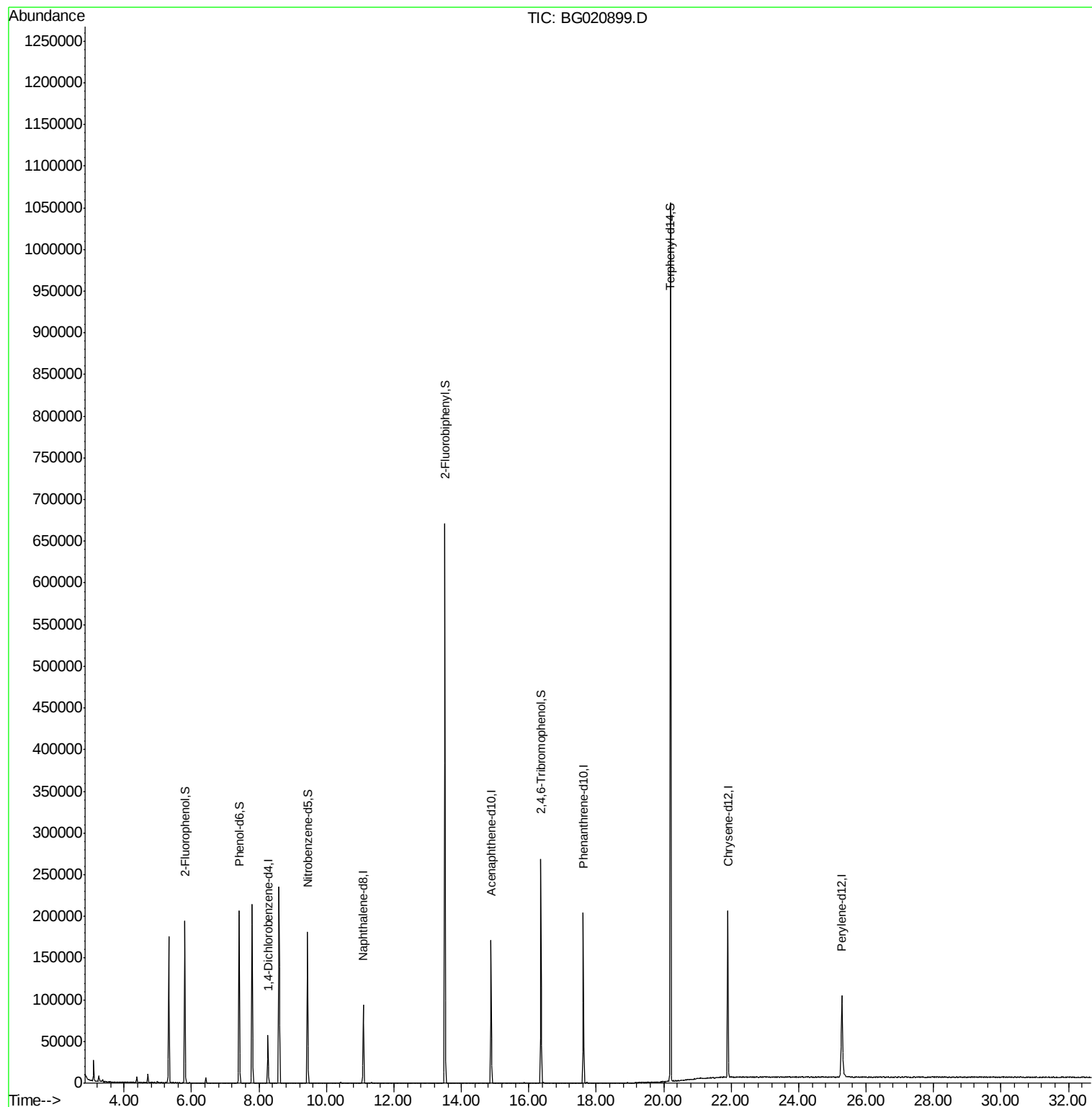
Target Compounds	Qvalue
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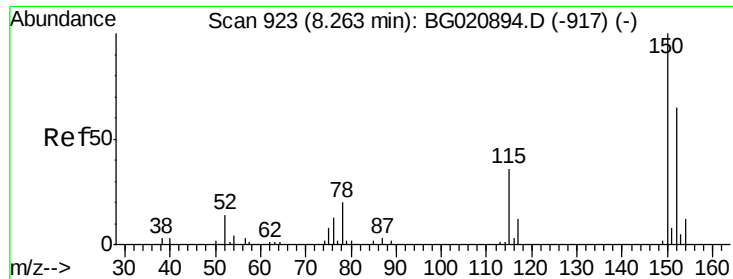
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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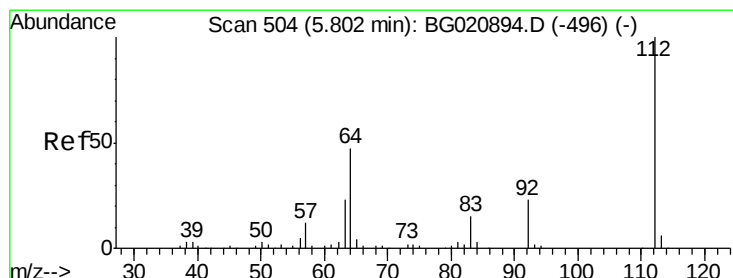
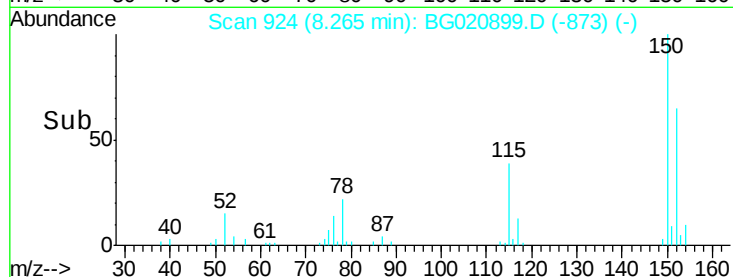
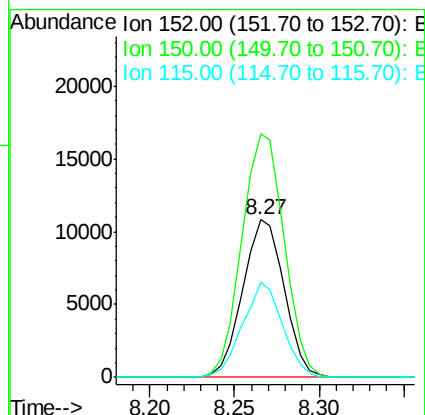
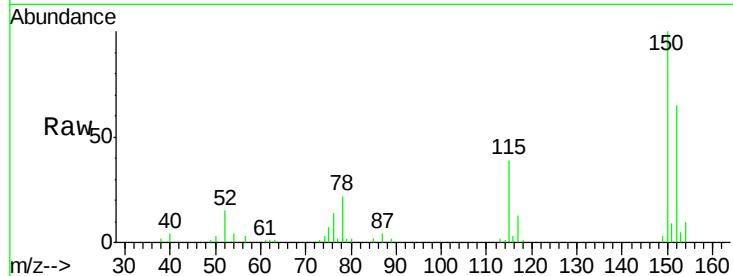




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG020899.D
 Acq: 12 Feb 2016 19:11

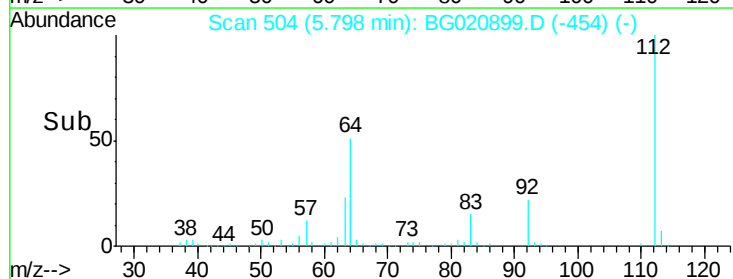
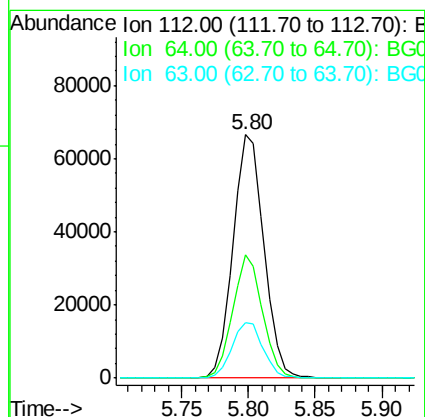
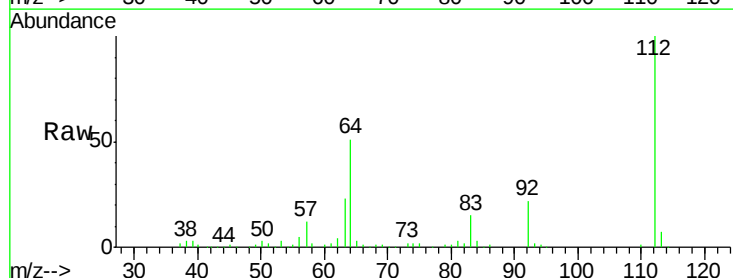
Instrument :
 BNA_G
 ClientSampleId :
 PB88197BL

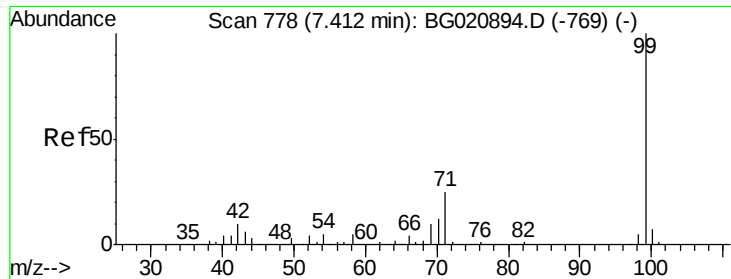
Tgt Ion:152 Resp: 18478
 Ion Ratio Lower Upper
 152 100
 150 154.3 119.8 179.6
 115 60.6 49.6 74.4



#2
 2-Fluorophenol
 Concen: 90.04 ng
 RT: 5.80 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BG020899.D
 Acq: 12 Feb 2016 19:11

Tgt Ion:112 Resp: 107055
 Ion Ratio Lower Upper
 112 100
 64 50.6 43.5 65.3
 63 22.6 32.2 48.2#





#3

Phenol-d6

Concen: 85.19 ng

RT: 7.41 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Instrument :

BNA_G

ClientSampleId :

PB88197BL

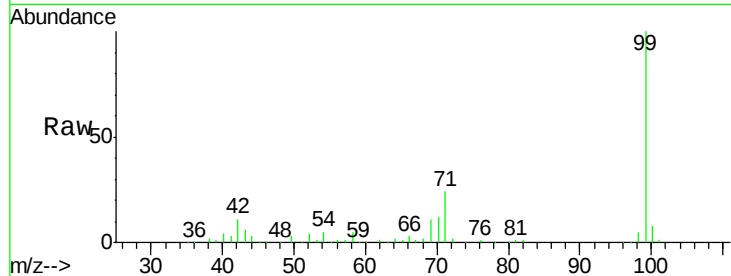
Tgt Ion: 99 Resp: 151668

Ion Ratio Lower Upper

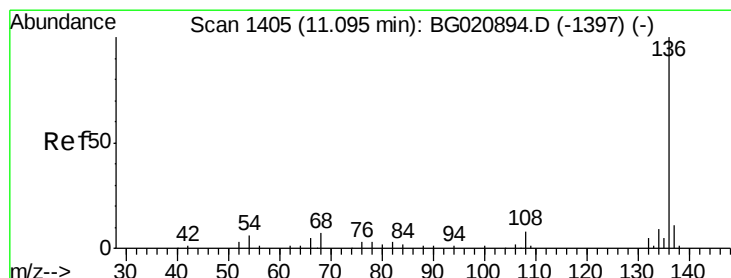
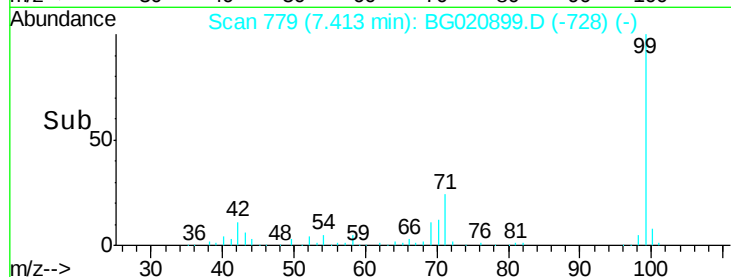
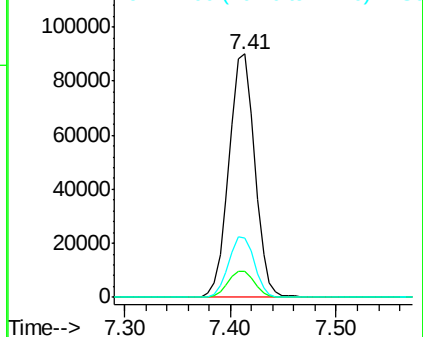
99 100

42 10.7 18.8 28.2#

71 24.4 53.8 80.8#



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Tgt Ion: 136 Resp: 94325

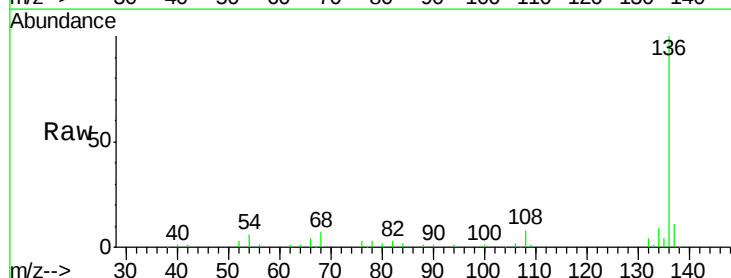
Ion Ratio Lower Upper

136 100

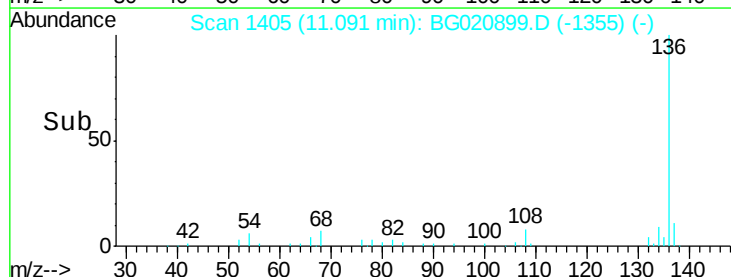
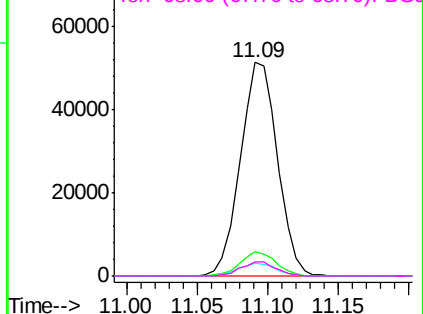
137 11.3 9.0 13.4

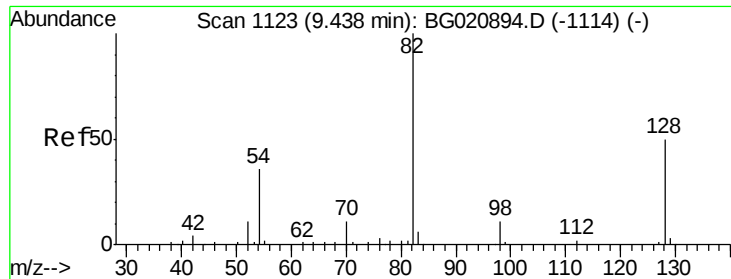
54 6.2 4.4 6.6

68 6.5 5.0 7.6



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





#5

Nitrobenzene-d5

Concen: 84.08 ng

RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Instrument :

BNA_G

ClientSampleId :

PB88197BL

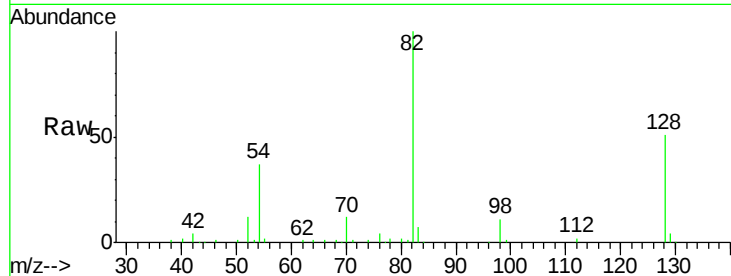
Tgt Ion: 82 Resp: 123303

Ion Ratio Lower Upper

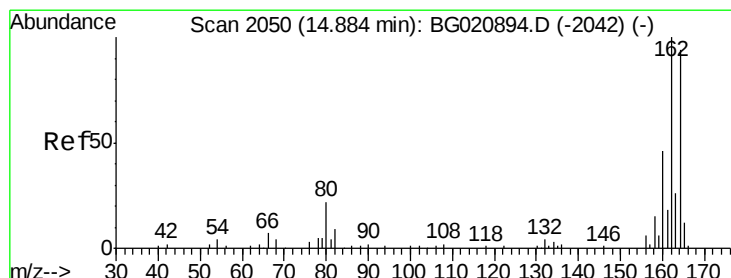
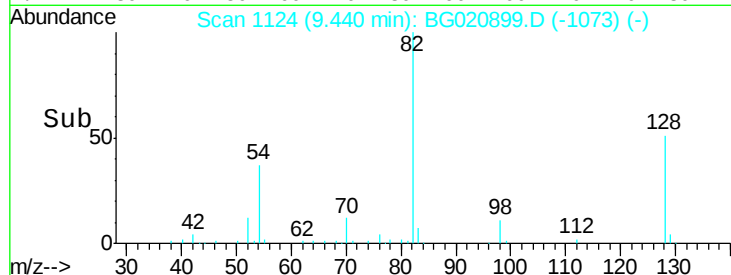
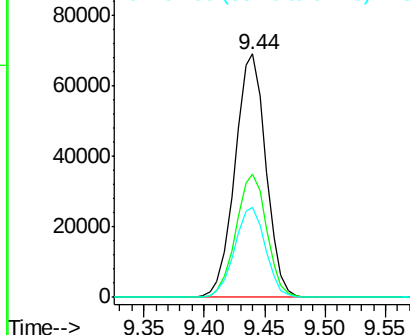
82 100

128 50.8 29.0 43.4#

54 36.8 34.5 51.7



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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

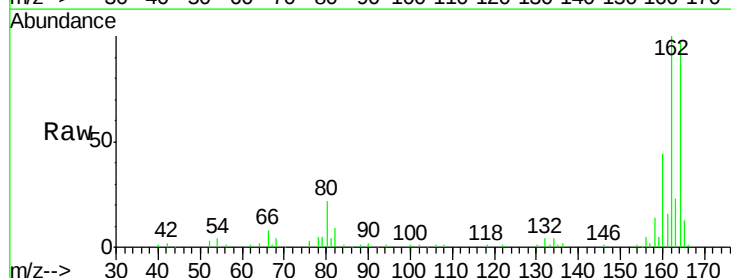
Tgt Ion:164 Resp: 59328

Ion Ratio Lower Upper

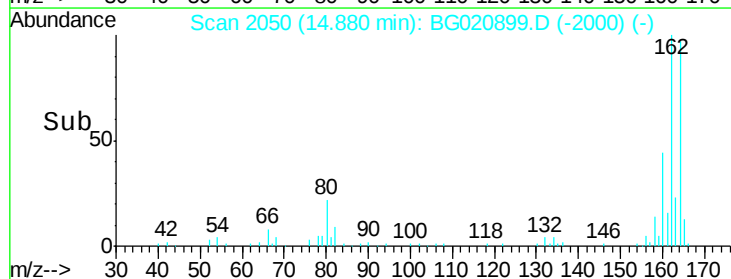
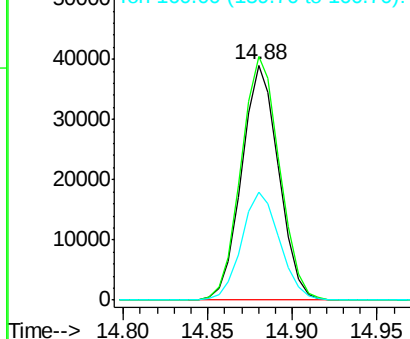
164 100

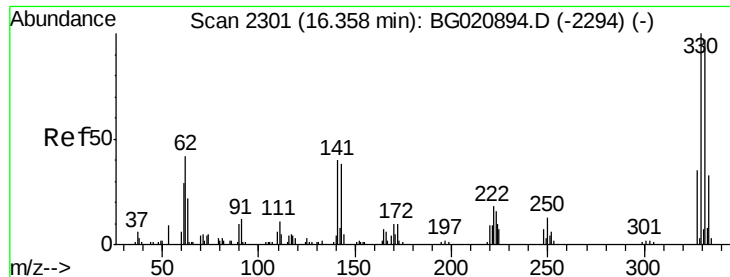
162 103.5 74.5 111.7

160 45.8 32.7 49.1



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





#8

2,4,6-Tribromophenol

Concen: 78.54 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Instrument :

BNA_G

ClientSampleId :

PB88197BL

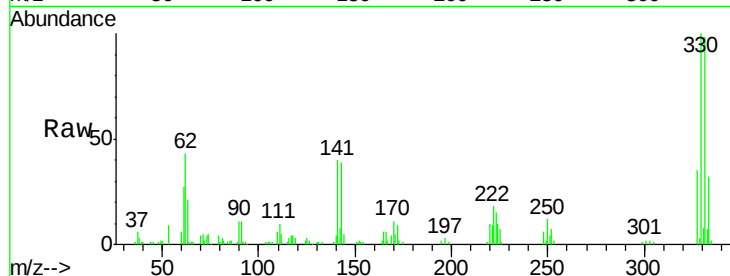
Tgt Ion:330 Resp: 50872

Ion Ratio Lower Upper

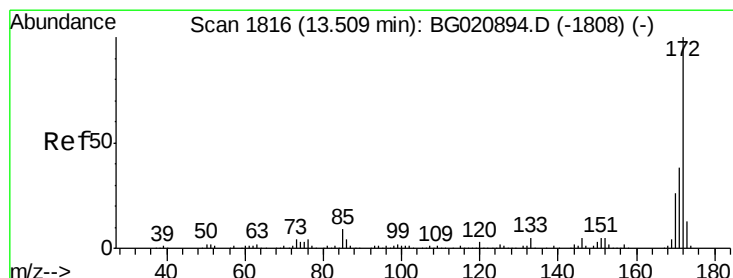
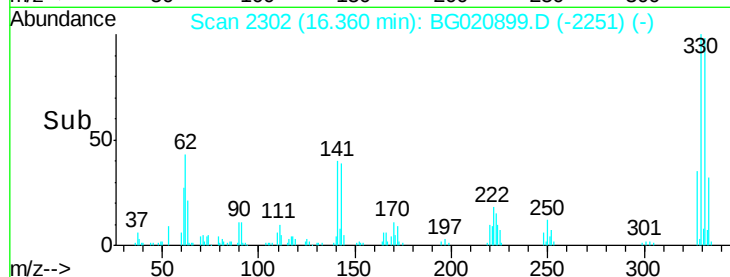
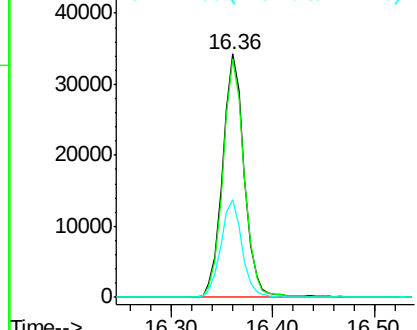
330 100

332 96.3 77.7 116.5

141 38.9 37.0 55.4



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



#9

2-Fluorobiphenyl

Concen: 84.00 ng

RT: 13.51 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

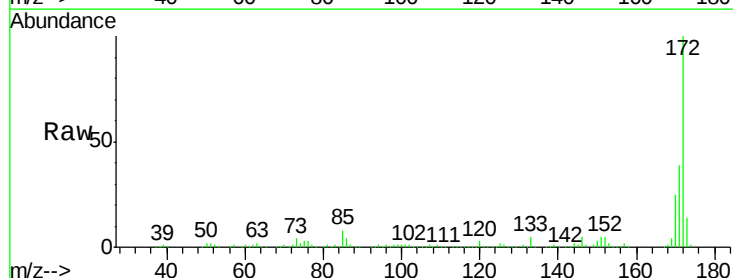
Tgt Ion:172 Resp: 351631

Ion Ratio Lower Upper

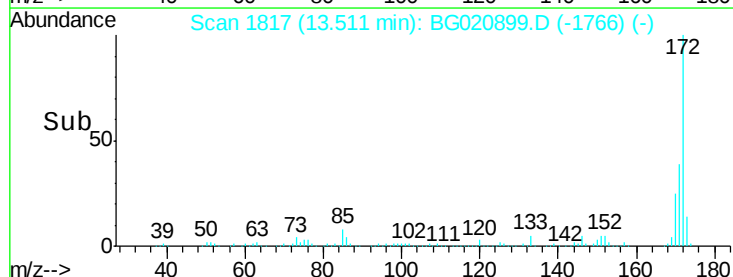
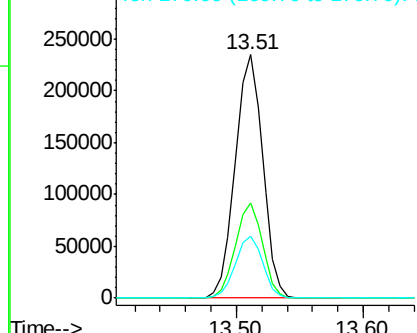
172 100

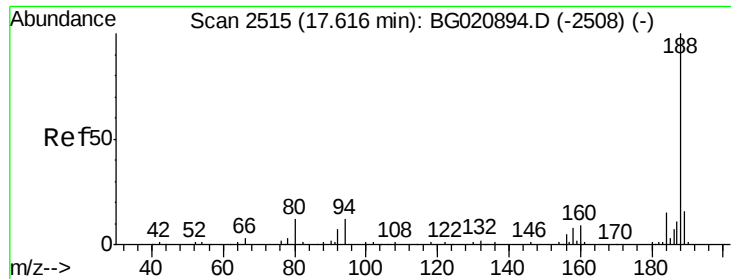
171 39.1 31.1 46.7

170 25.2 19.0 28.4



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





#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Instrument :

BNA_G

ClientSampled :

PB88197BL

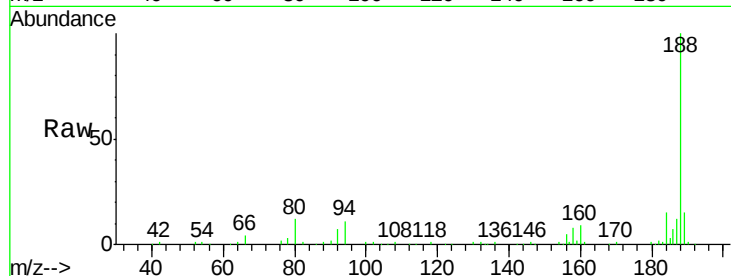
Tgt Ion:188 Resp: 124152

Ion Ratio Lower Upper

188 100

94 11.2 4.6 7.0#

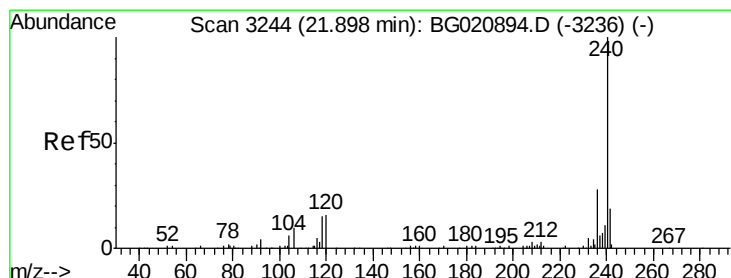
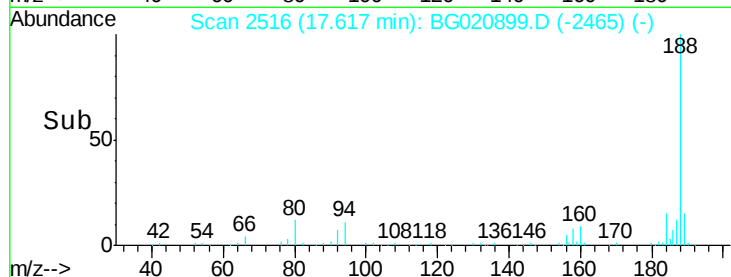
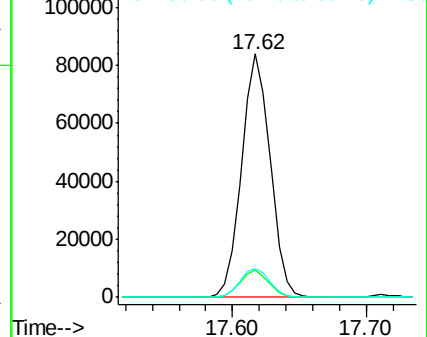
80 11.9 5.6 8.4#



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



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

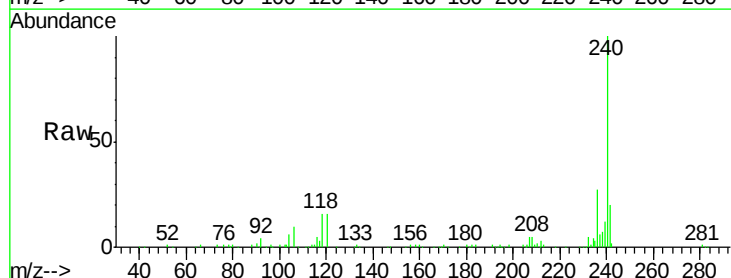
Tgt Ion:240 Resp: 115813

Ion Ratio Lower Upper

240 100

120 15.8 2.4 3.6#

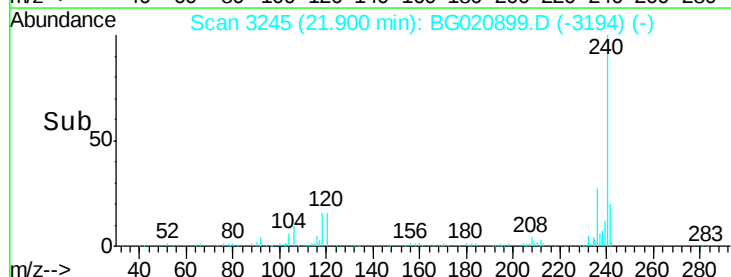
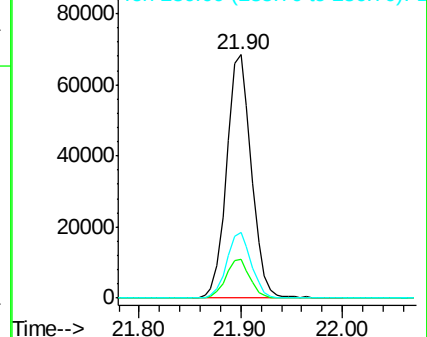
236 27.0 19.5 29.3

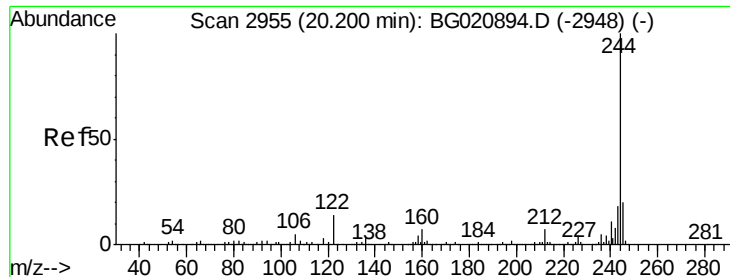


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 84.23 ng

RT: 20.20 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

Instrument :

BNA_G

ClientSampleId :

PB88197BL

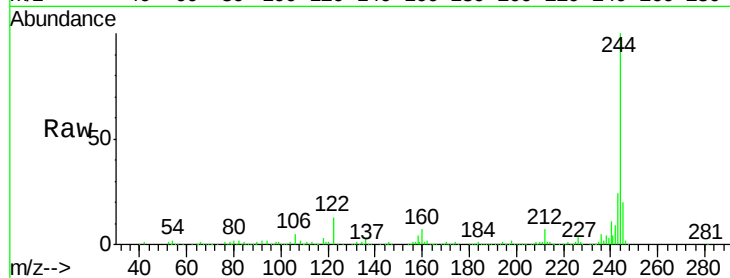
Tgt Ion:244 Resp: 462772

Ion Ratio Lower Upper

244 100

212 6.6 6.7 10.1#

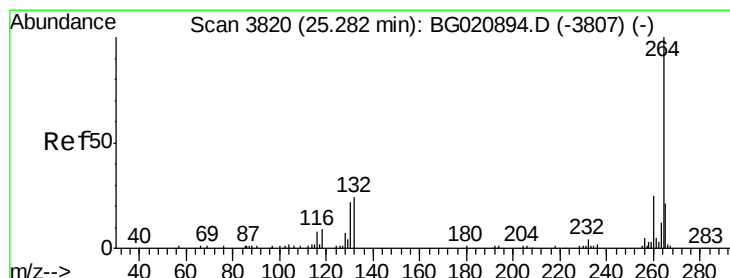
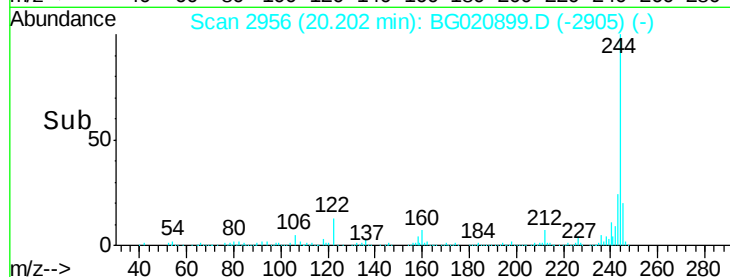
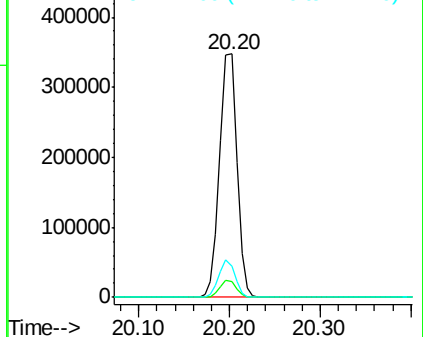
122 13.0 4.3 6.5#



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



#13

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3821

Delta R.T. 0.00 min

Lab File: BG020899.D

Acq: 12 Feb 2016 19:11

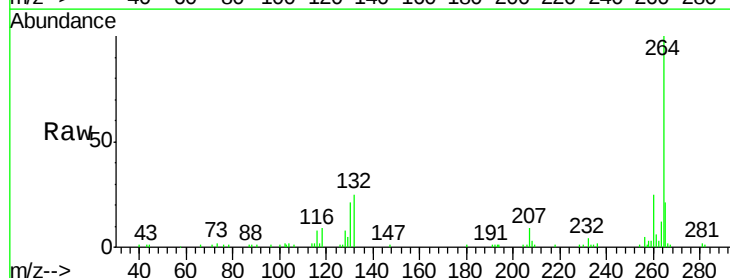
Tgt Ion:264 Resp: 106288

Ion Ratio Lower Upper

264 100

260 25.1 17.3 25.9

265 20.9 17.9 26.9



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

