

Data Path : U:\HPCHEM1\BNA G\DATA\BG021216\
 Data File : BG020901.D
 Acq On : 12 Feb 2016 20:29
 Operator : SJ/UM
 Sample : H1348-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTFALL-002

Quant Time: Feb 13 03:41:20 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	21525	20.00	ng	0.00
4) Naphthalene-d8	11.09	136	108422	20.00	ng	0.00
7) Acenaphthene-d10	14.88	164	63922	20.00	ng	0.00
10) Phenanthrene-d10	17.61	188	129881	20.00	ng	0.00
11) Chrysene-d12	21.90	240	121026	20.00	ng	0.00
13) Perylene-d12	25.28	264	115511	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.80	112	43739	31.58	ng	0.00
3) Phenol-d6	7.41	99	38864	18.74	ng	0.00
5) Nitrobenzene-d5	9.44	82	120885	71.72	ng	0.00
8) 2,4,6-Tribromophenol	16.36	330	48679	69.75	ng	0.00
9) 2-Fluorobiphenyl	13.51	172	339190	75.20	ng	0.00
12) Terphenyl-d14	20.20	244	398966	69.49	ng	0.00

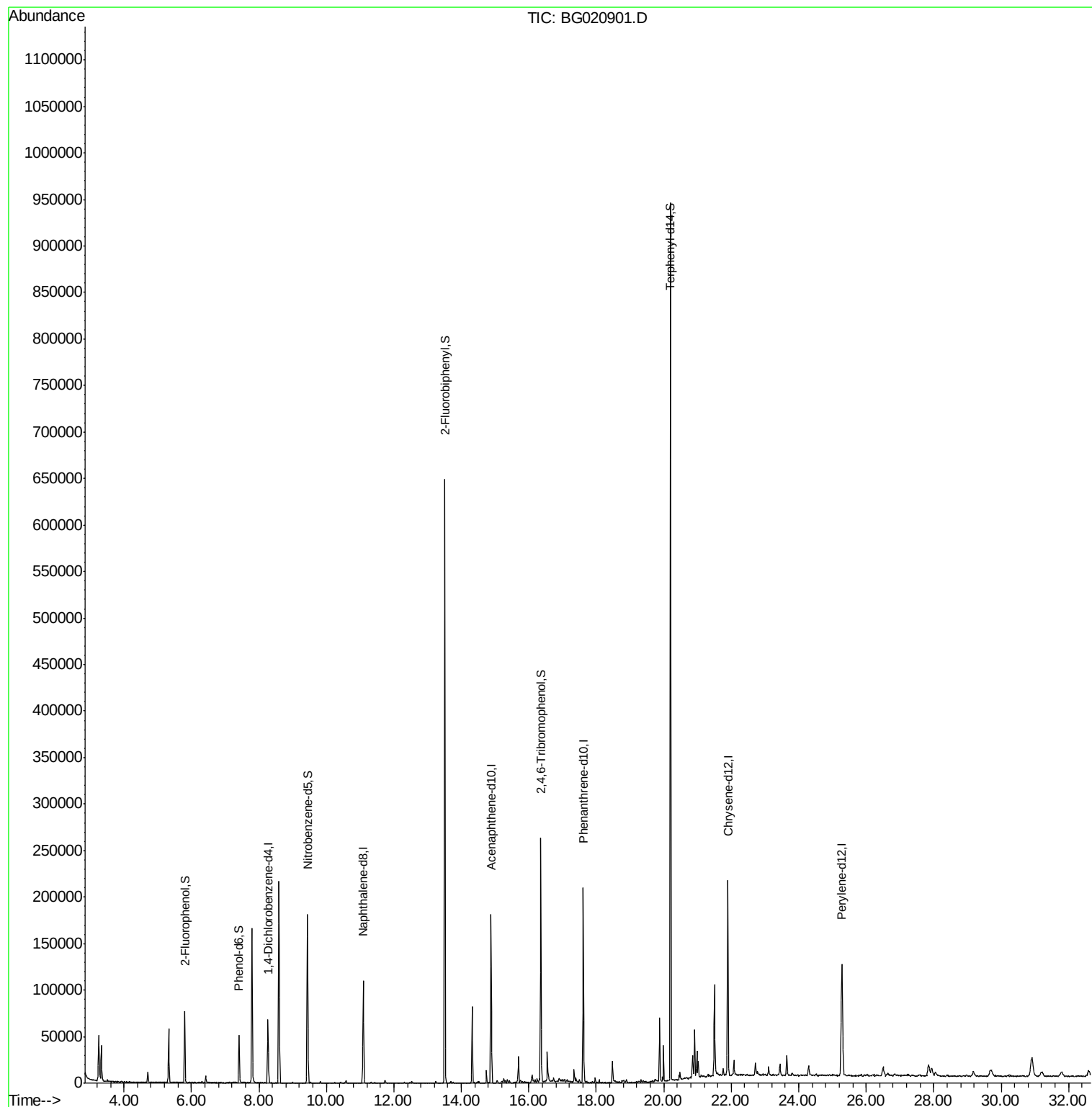
Target Compounds Qvalue

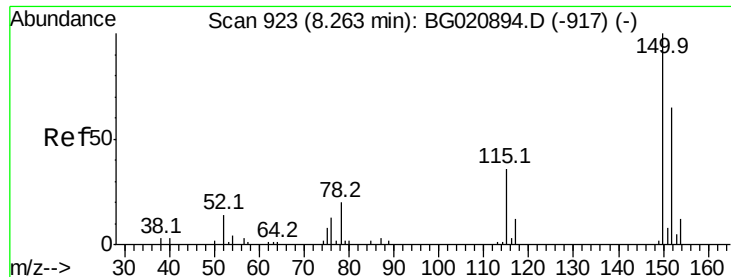
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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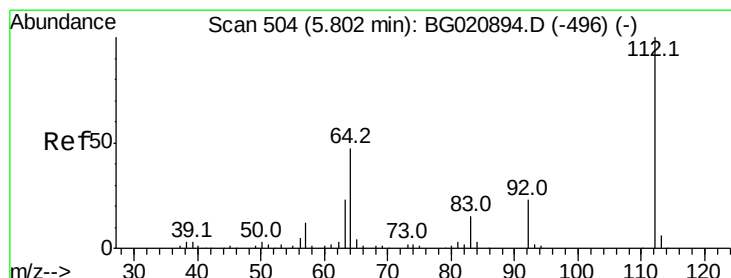
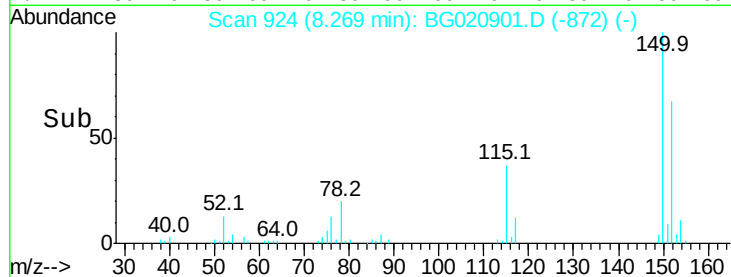
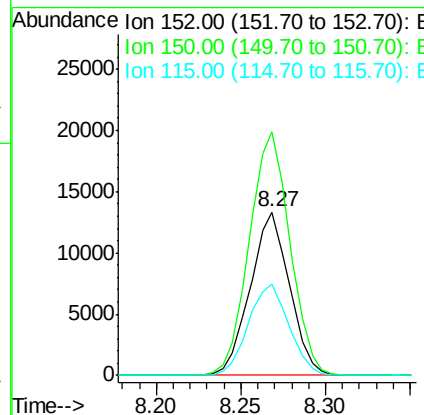
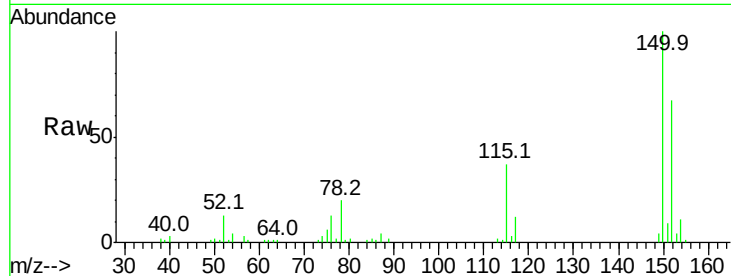


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.01 min
Lab File: BG020901.D
Acq: 12 Feb 2016 20:29

Instrument :
BNA_G
ClientSampleId :
OUTFALL-002

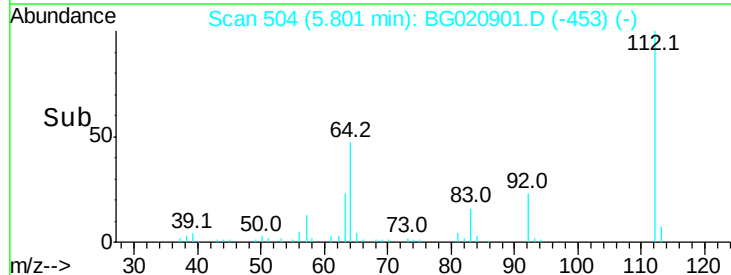
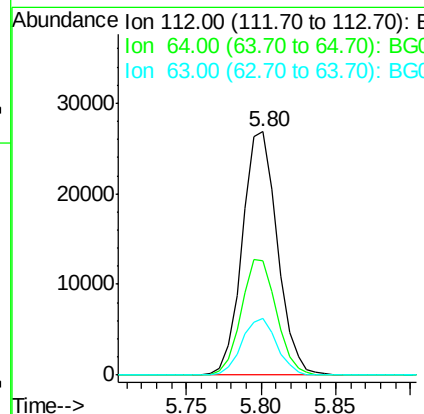
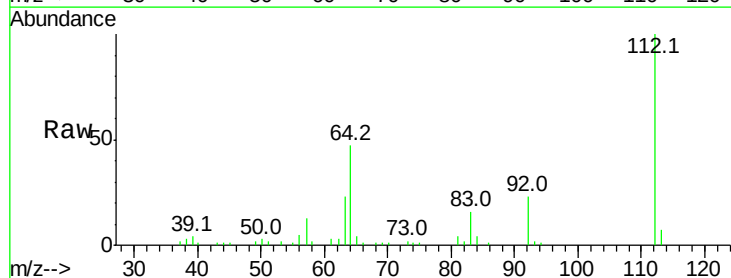
Tot Ion:152 Resp: 21525
Ion Ratio Lower Upper
152 100
150 149.2 119.8 179.6
115 55.8 49.6 74.4

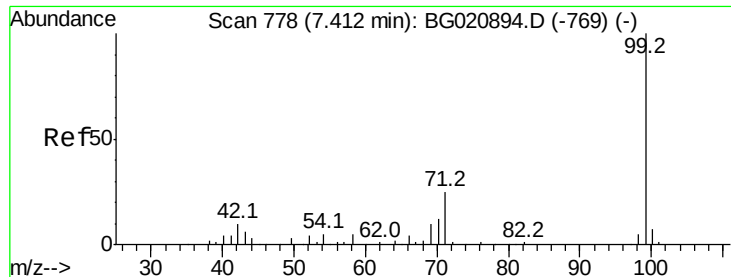


#2

2-Fluorophenol
Concen: 31.58 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020901.D
Acq: 12 Feb 2016 20:29

Tgt Ion:112 Resp: 43739
Ion Ratio Lower Upper
112 100
64 47.1 43.5 65.3
63 23.3 32.2 48.2#





#3

Phenol-d6

Concen: 18.74 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

OUTFALL-002

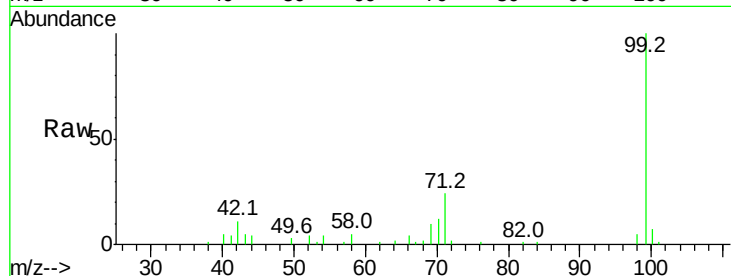
Tot Ion: 99 Resp: 38864

Ion Ratio Lower Upper

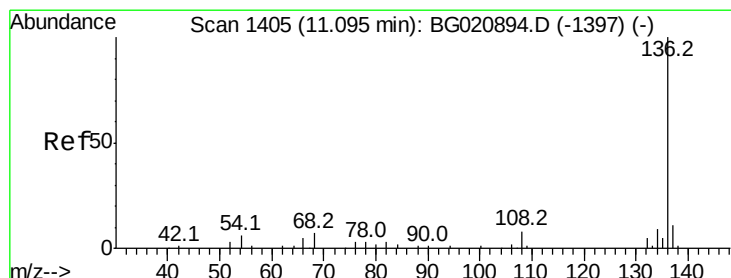
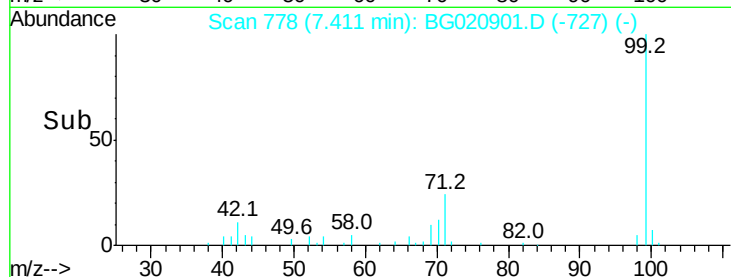
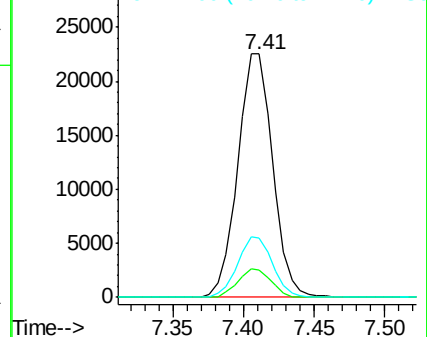
99 100

42 11.1 18.8 28.2#

71 24.3 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: BG020901.D

Acq: 12 Feb 2016 20:29

Tgt Ion: 136 Resp: 108422

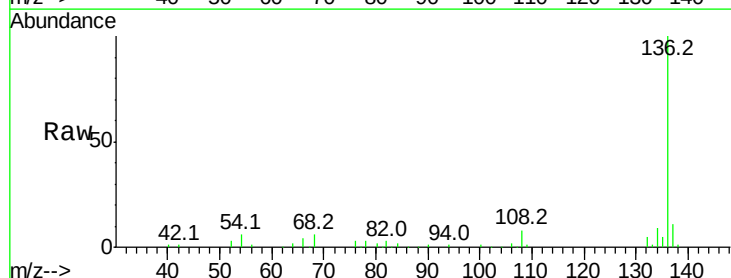
Ion Ratio Lower Upper

136 100

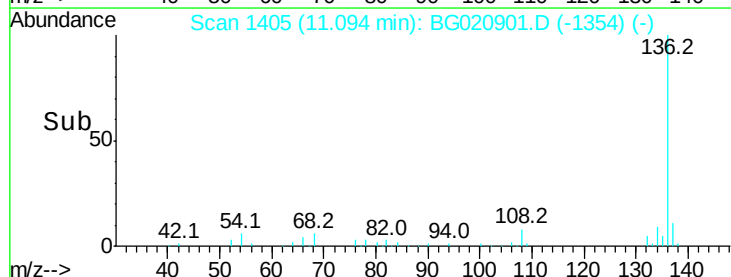
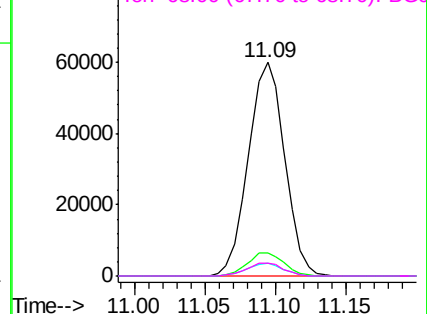
137 11.0 9.0 13.4

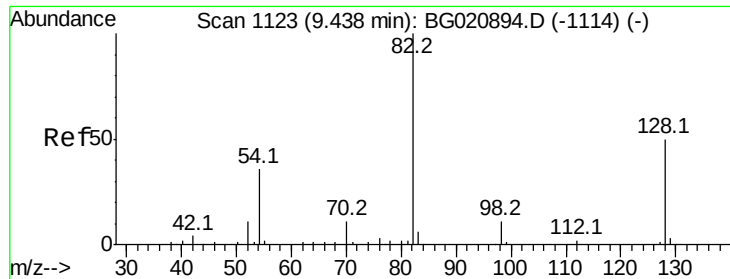
54 6.3 4.4 6.6

68 5.8 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: 71.72 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

OUTFALL-002

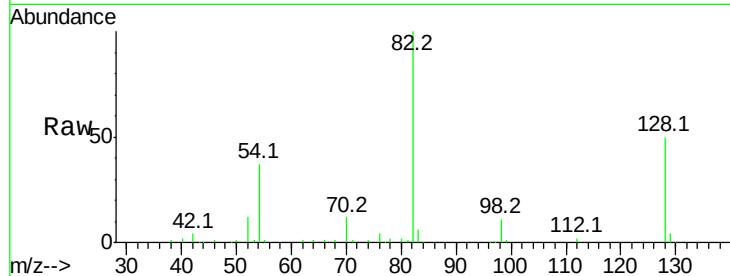
Tot Ion: 82 Resp: 120885

Ion Ratio Lower Upper

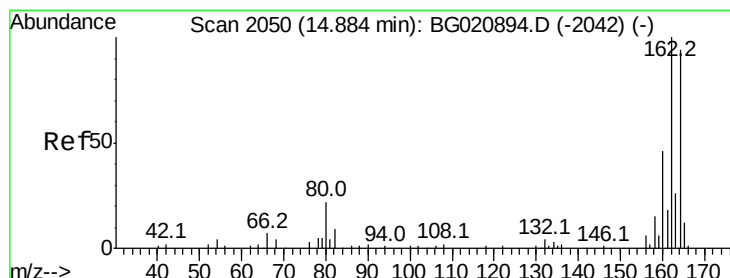
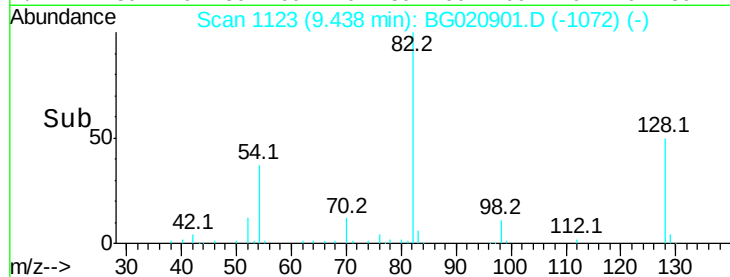
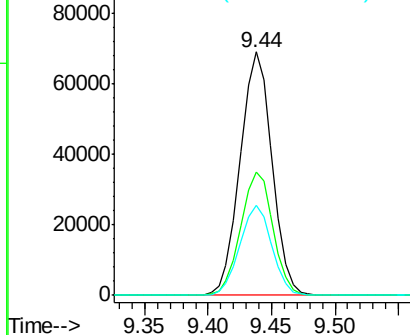
82 100

128 50.5 29.0 43.4#

54 37.0 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# 2049

Delta R.T. -0.01 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

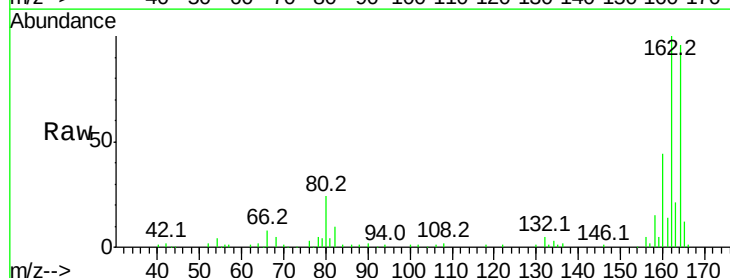
Tgt Ion:164 Resp: 63922

Ion Ratio Lower Upper

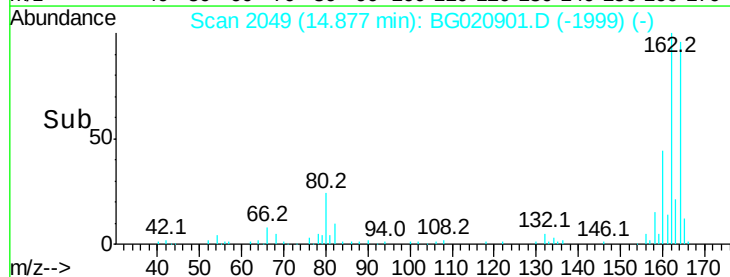
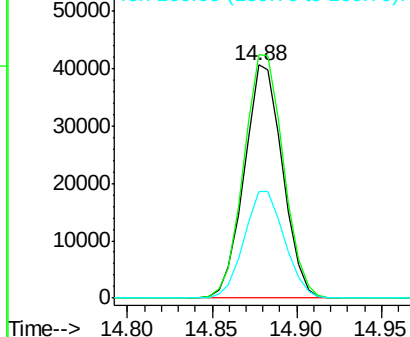
164 100

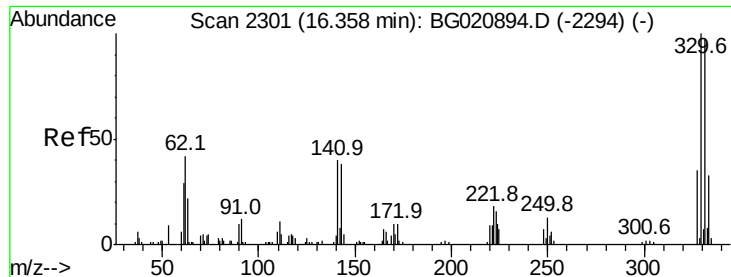
162 104.4 74.5 111.7

160 45.9 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: 69.75 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

OUTFALL-002

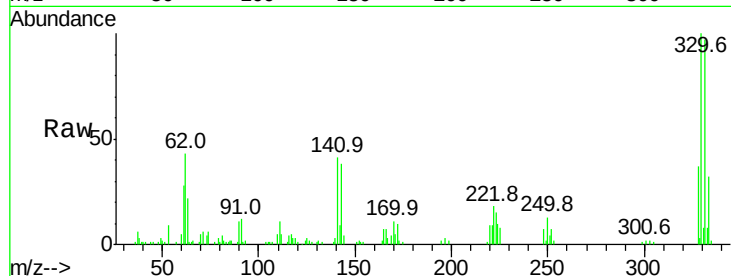
Tot Ion:330 Resp: 48679

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

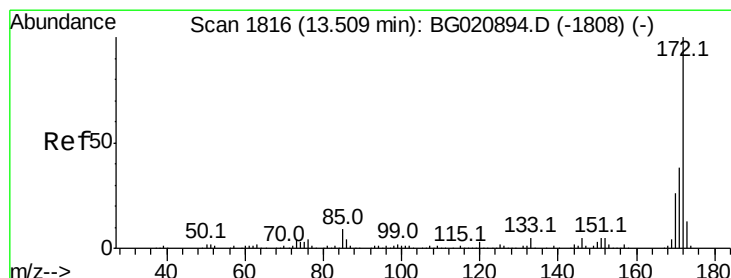
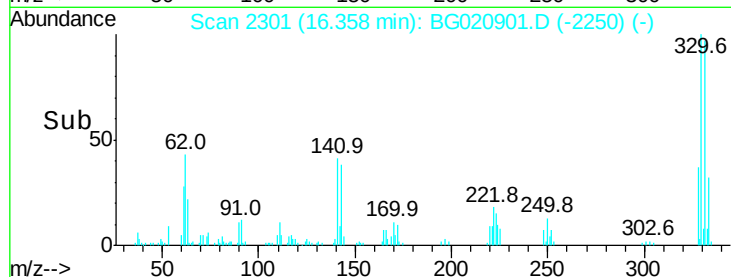
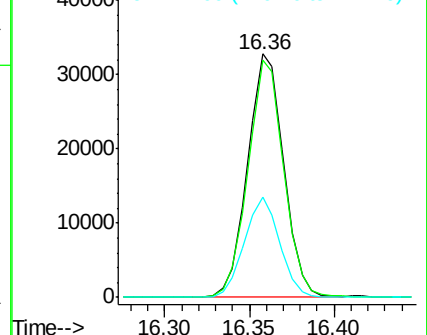
141 40.0 37.0 55.4



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: 75.20 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

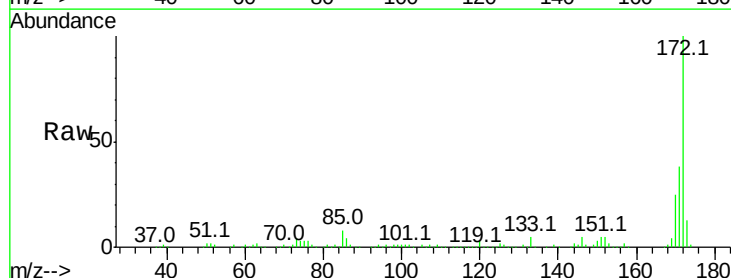
Tgt Ion:172 Resp: 339190

Ion Ratio Lower Upper

172 100

171 38.0 31.1 46.7

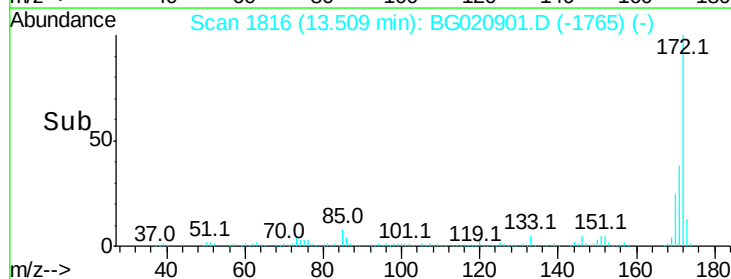
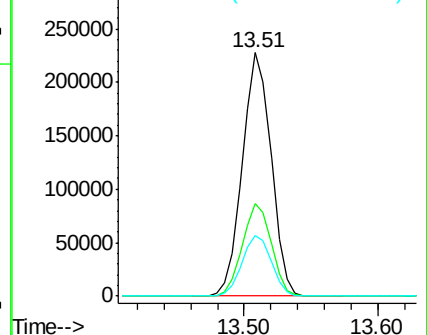
170 25.1 19.0 28.4

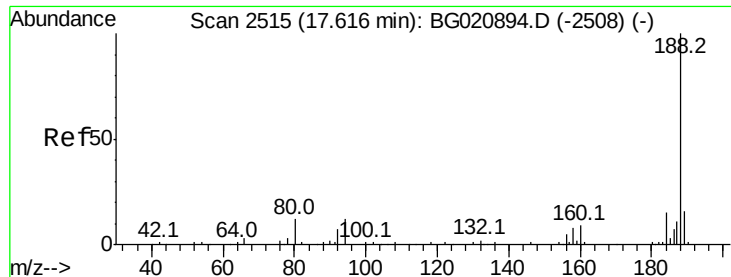


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

OUTFALL-002

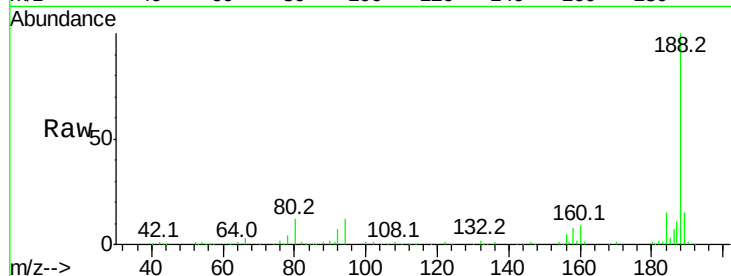
Tot Ion:188 Resp: 129881

Ion Ratio Lower Upper

188 100

94 12.0 4.6 7.0#

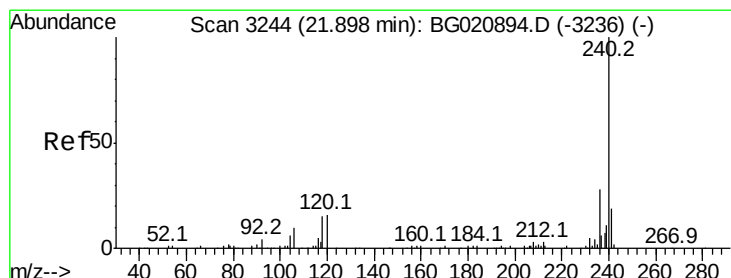
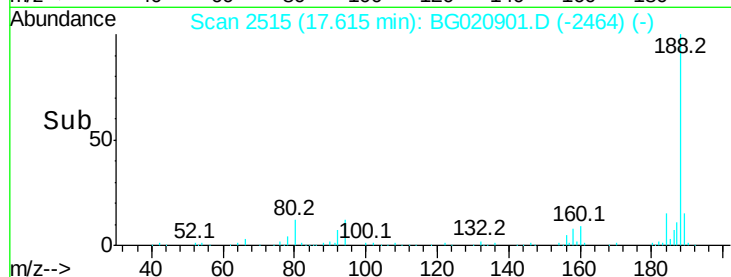
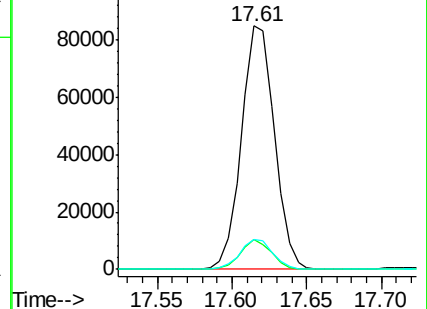
80 12.3 5.6 8.4#



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



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

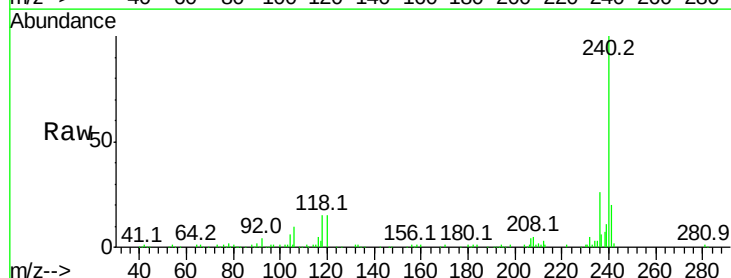
Tgt Ion:240 Resp: 121026

Ion Ratio Lower Upper

240 100

120 14.9 2.4 3.6#

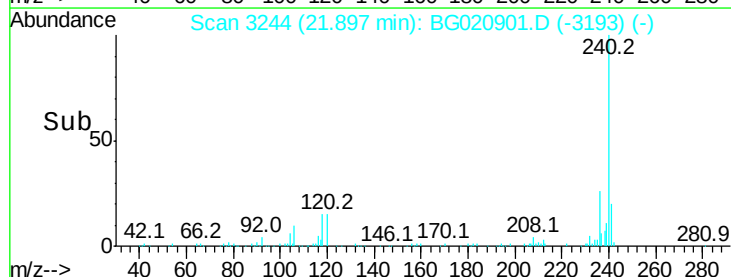
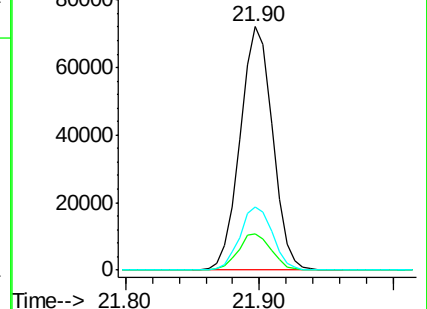
236 25.9 19.5 29.3

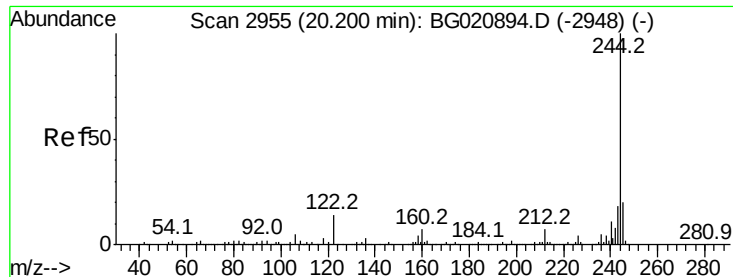


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 69.49 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

OUTFALL-002

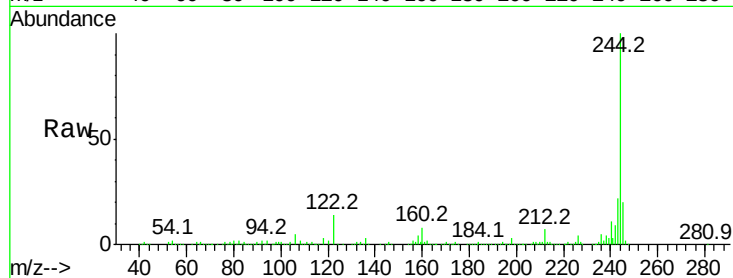
Tot Ion:244 Resp: 398966

Ion Ratio Lower Upper

244 100

212 7.0 6.7 10.1

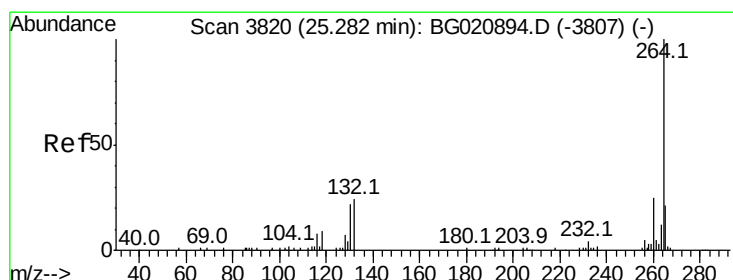
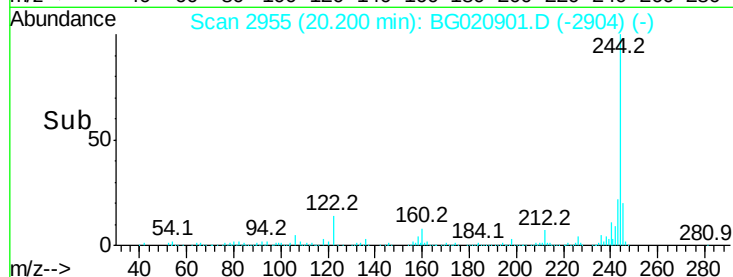
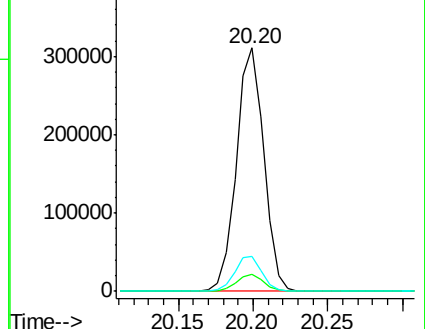
122 14.3 4.3 6.5#



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# 3820

Delta R.T. -0.00 min

Lab File: BG020901.D

Acq: 12 Feb 2016 20:29

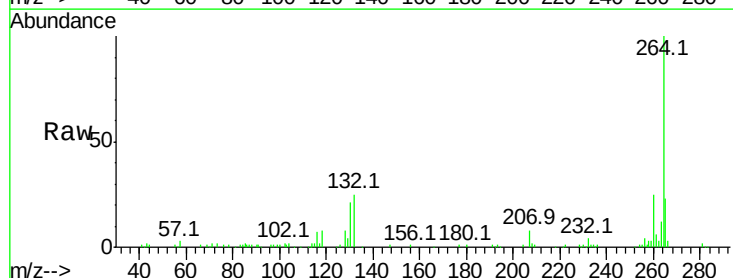
Tgt Ion:264 Resp: 115511

Ion Ratio Lower Upper

264 100

260 24.6 17.3 25.9

265 22.7 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

