

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020944.D
 Acq On : 18 Feb 2016 20:30
 Operator : SJ/UM
 Sample : H1450-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:11 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	19906	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	95525	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	61759	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	137386	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124598	20.00	ng	-0.03
86) Perylene-d12	25.24	264	118625	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	74922	63.38	ng	-0.01
7) Phenol-d6	7.40	99	62599	36.23	ng	-0.01
23) Nitrobenzene-d5	9.43	82	146576	100.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	106932	176.07	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	425005	96.67	ng	-0.01
78) Terphenyl-d14	20.19	244	560512	104.95	ng	-0.02

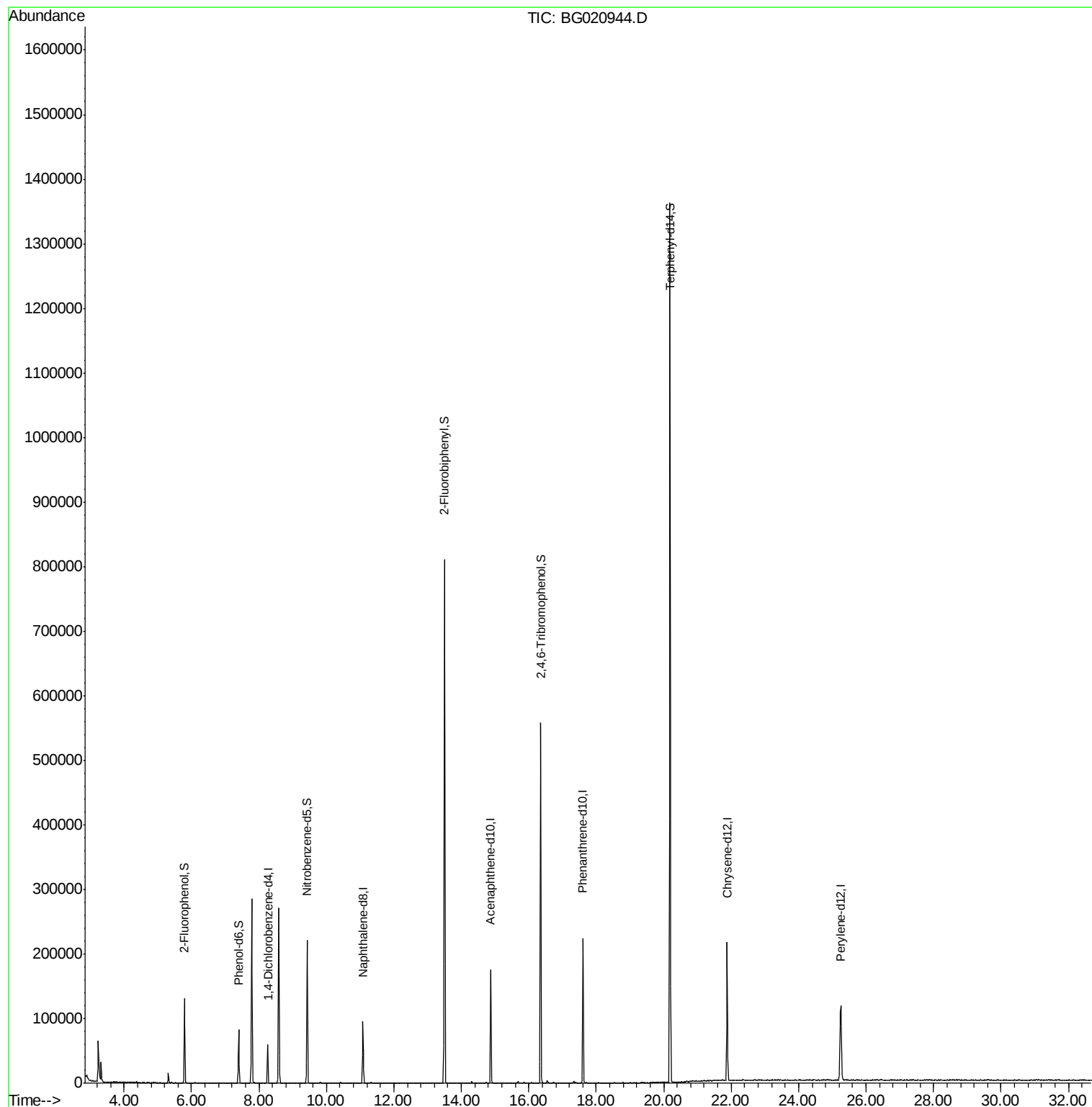
Target Compounds Qvalue

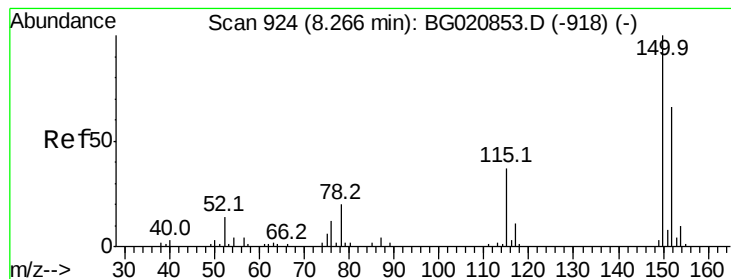
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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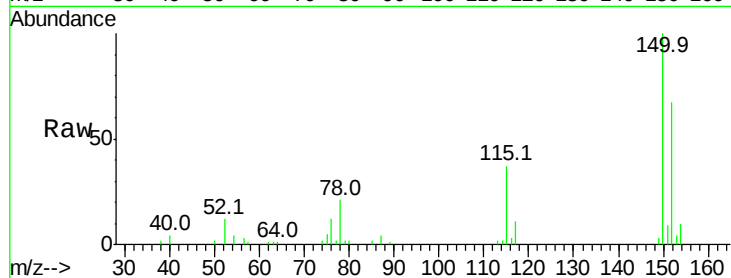


#1

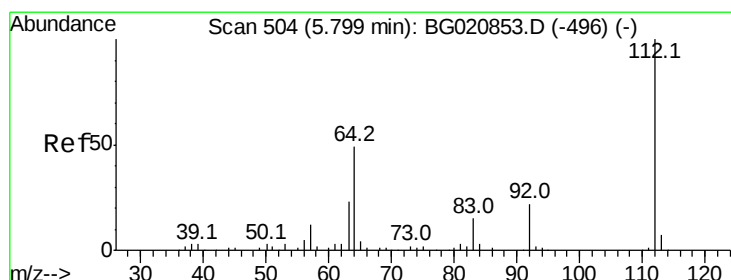
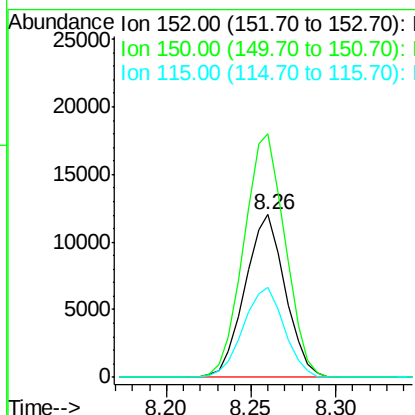
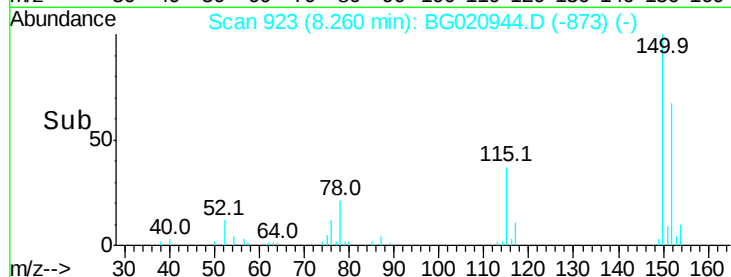
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19906
Ion Ratio Lower Upper
152 100
150 149.6 122.0 183.0
115 55.4 45.2 67.8



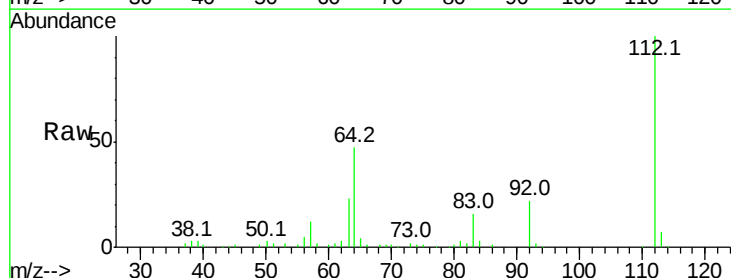
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



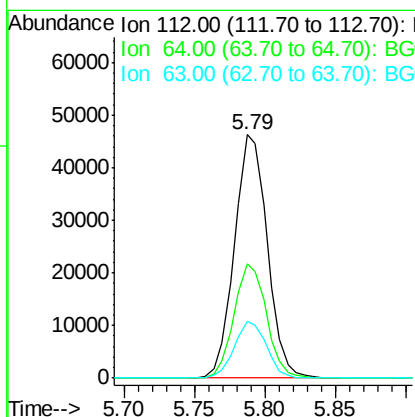
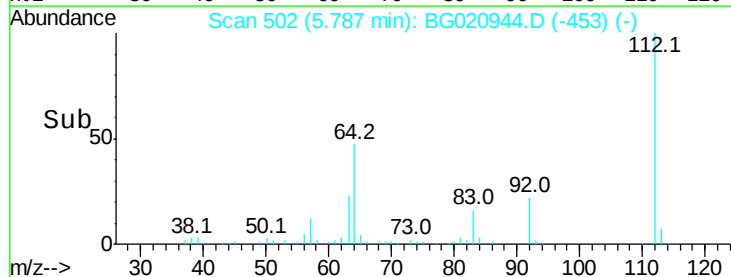
#5

2-Fluorophenol
Concen: 63.38 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Tgt Ion:112 Resp: 74922
Ion Ratio Lower Upper
112 100
64 47.1 39.3 58.9
63 23.1 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.23 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020944.D

Acq: 18 Feb 2016 20:30

Instrument :

BNA_G

ClientSampleId :

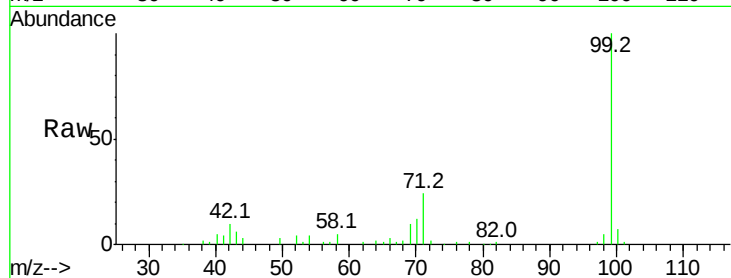
Tot Ion: 99 Resp: 62599

Ion Ratio Lower Upper

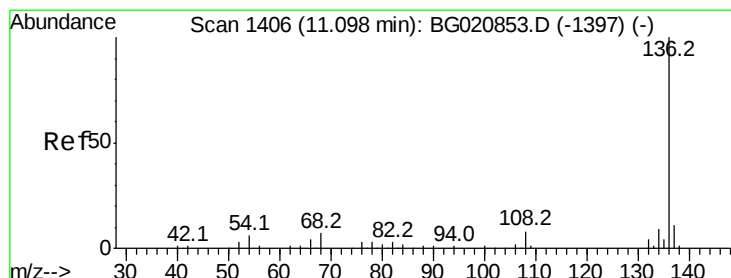
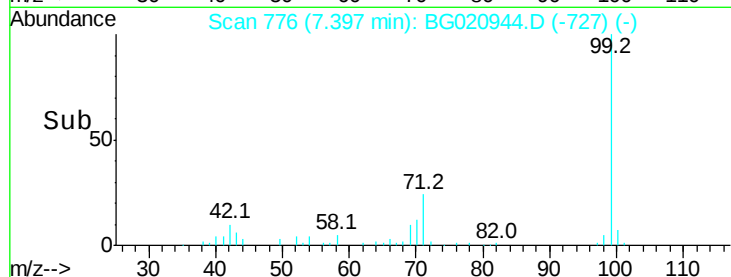
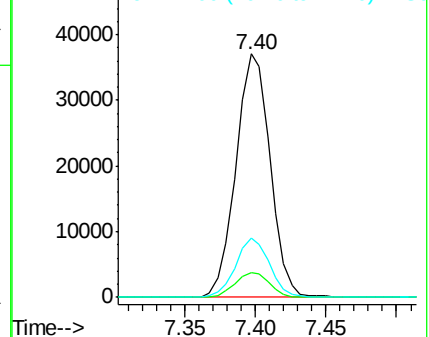
99 100

42 10.2 8.4 12.6

71 24.5 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: BG020944.D

Acq: 18 Feb 2016 20:30

Tgt Ion: 136 Resp: 95525

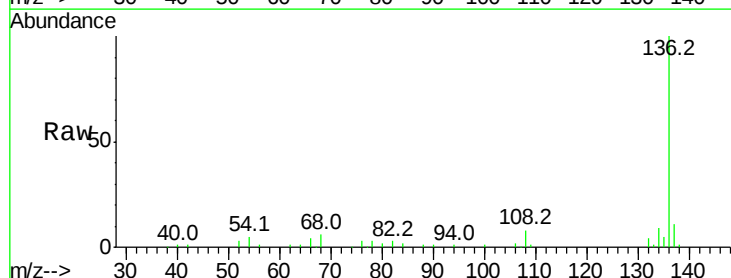
Ion Ratio Lower Upper

136 100

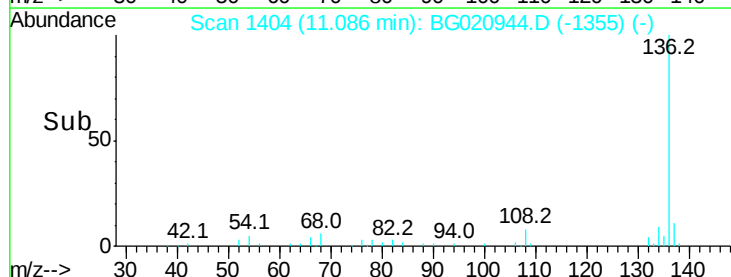
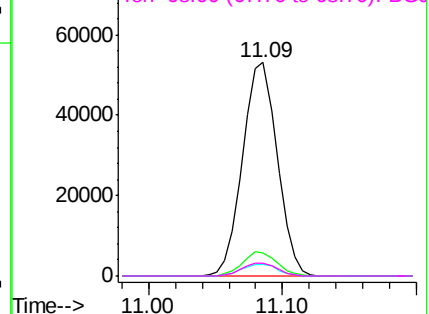
137 11.1 8.8 13.2

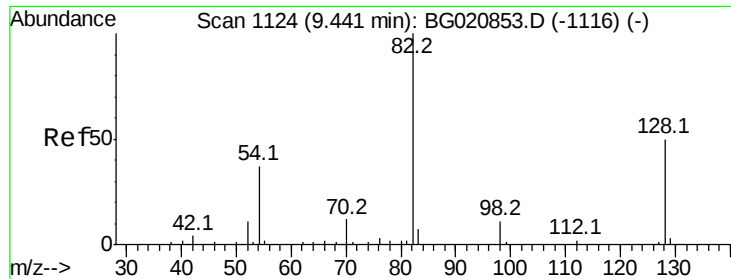
54 5.3 5.0 7.4

68 5.7 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

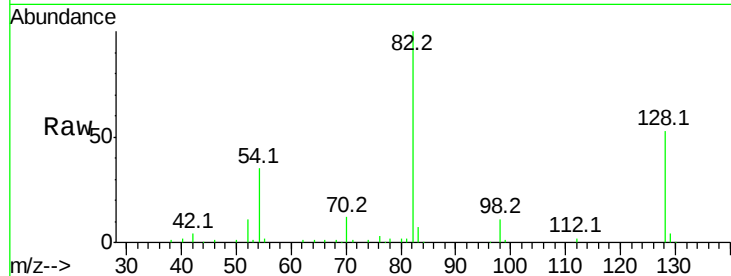




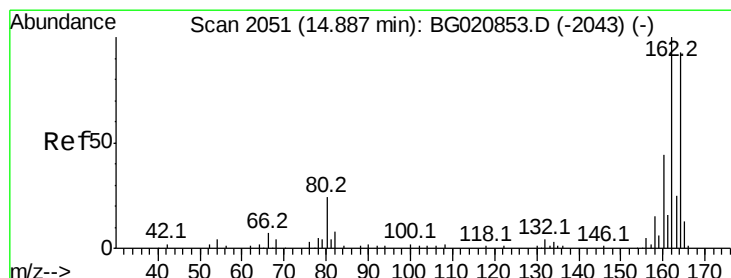
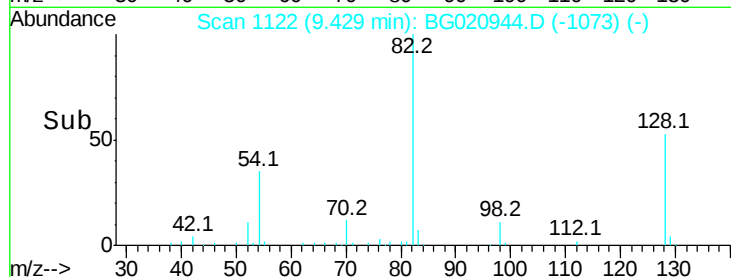
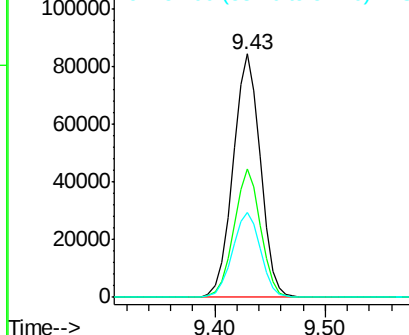
#23
Nitrobenzene-d5
Concen: 100.89 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 146576
Ion Ratio Lower Upper
82 100
128 53.0 40.1 60.1
54 35.0 29.5 44.3

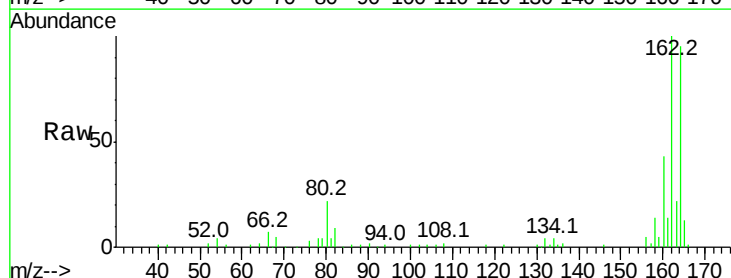


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

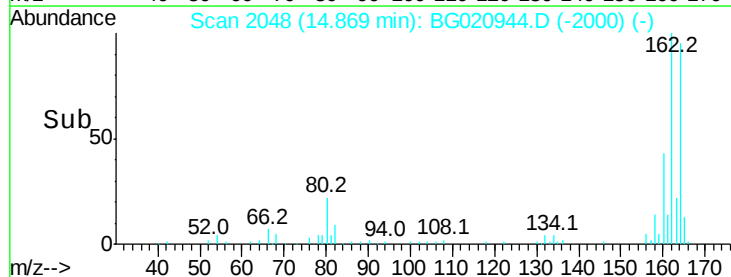
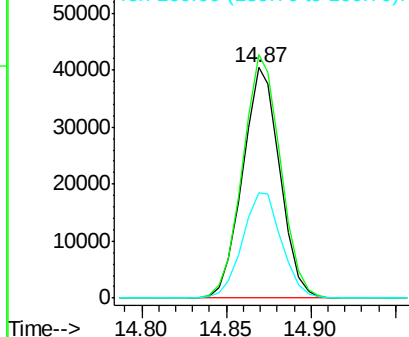


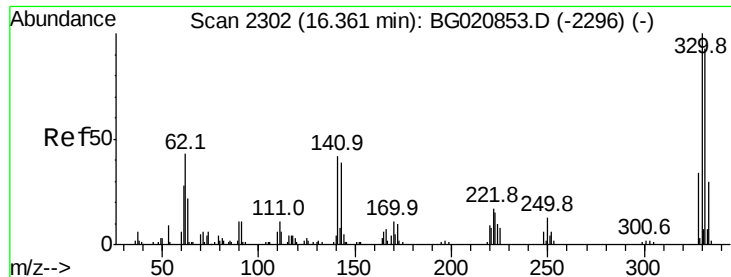
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Tgt Ion:164 Resp: 61759
Ion Ratio Lower Upper
164 100
162 105.6 85.7 128.5
160 45.5 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

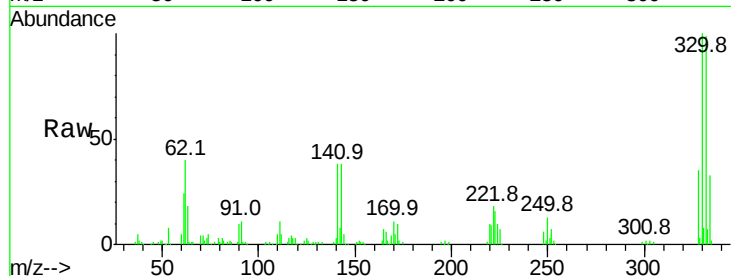




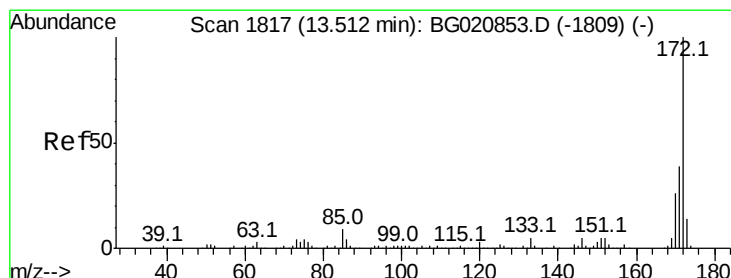
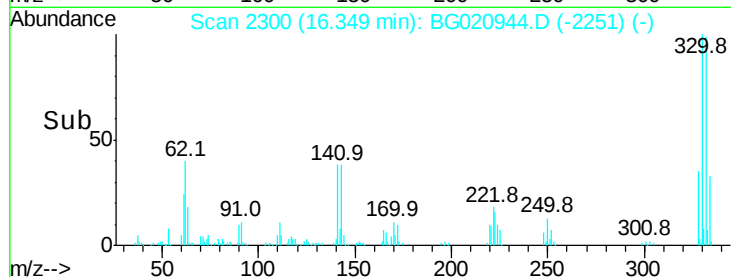
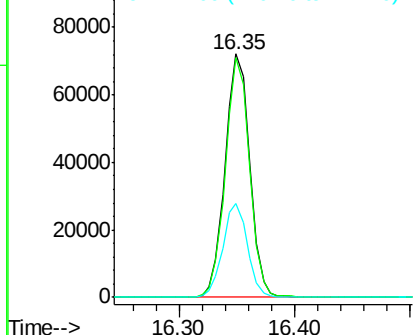
#41
 2,4,6-Tribromophenol
 Concen: 176.07 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020944.D
 Acq: 18 Feb 2016 20:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 106932
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.1 114.1
 141 38.5 32.0 48.0

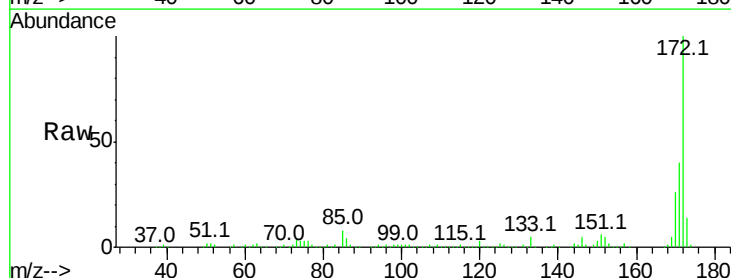


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

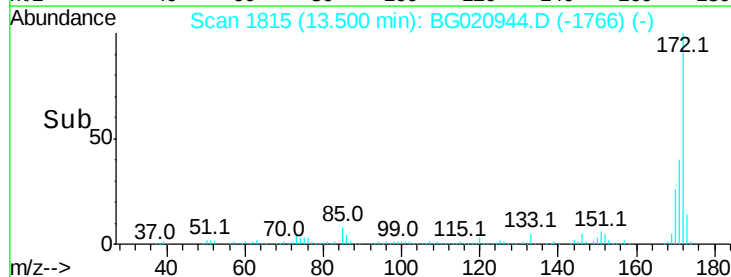
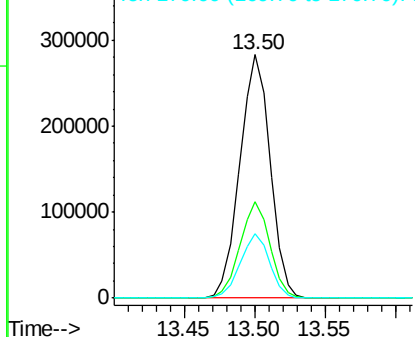


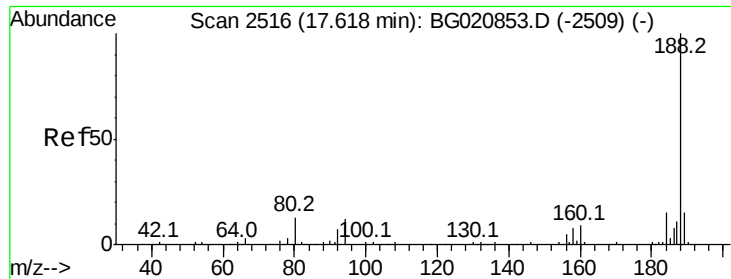
#44
 2-Fluorobiphenyl
 Concen: 96.67 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020944.D
 Acq: 18 Feb 2016 20:30

Tgt Ion:172 Resp: 425005
 Ion Ratio Lower Upper
 172 100
 171 39.6 31.2 46.8
 170 26.3 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

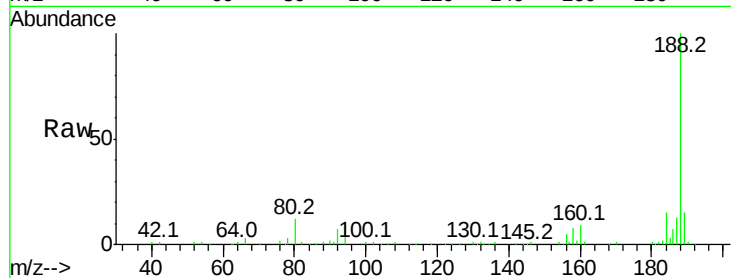




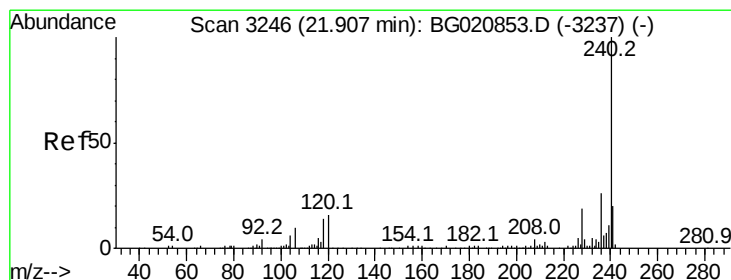
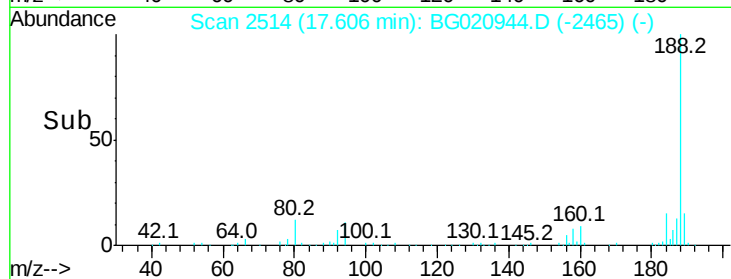
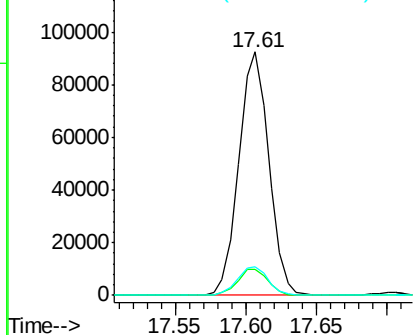
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 137386
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.7 10.2 15.4

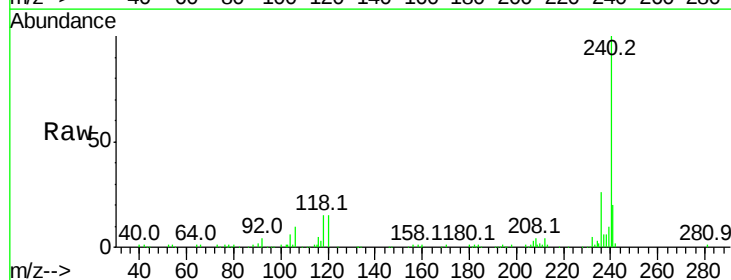


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

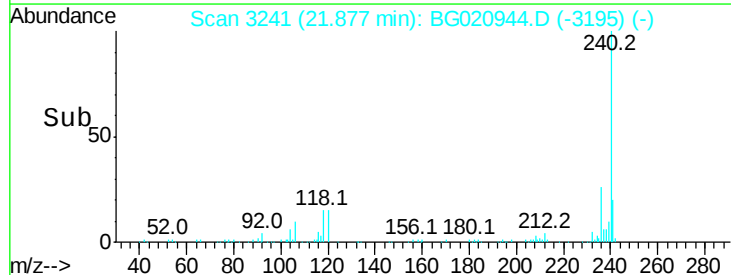
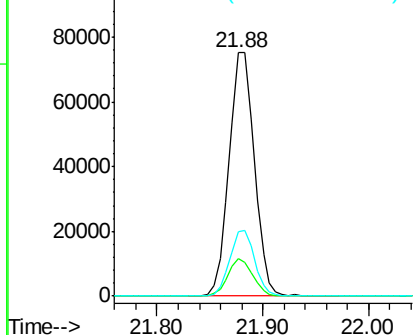


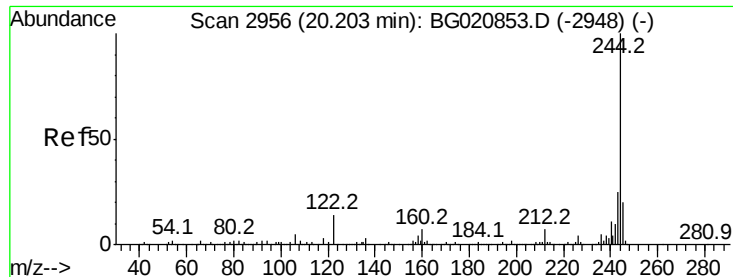
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.03 min
Lab File: BG020944.D
Acq: 18 Feb 2016 20:30

Tgt Ion:240 Resp: 124598
Ion Ratio Lower Upper
240 100
120 15.2 13.0 19.4
236 26.5 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: 104.95 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020944.D

Acq: 18 Feb 2016 20:30

Instrument :

BNA_G

ClientSampleId :

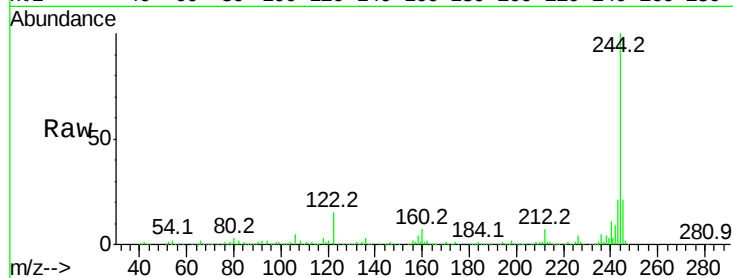
Tot Ion:244 Resp: 560512

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

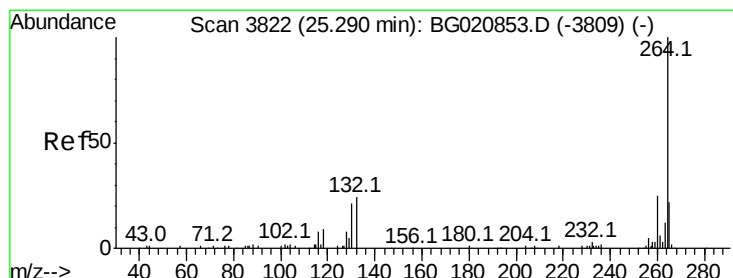
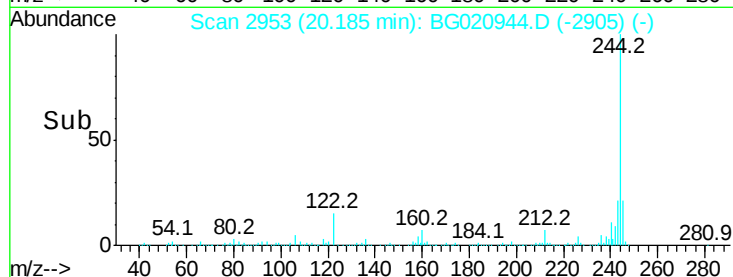
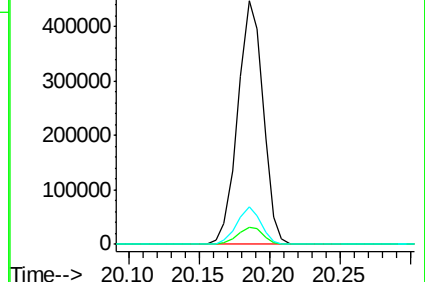
122 15.4 11.4 17.2



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: 25.24 min Scan# 3814

Delta R.T. -0.05 min

Lab File: BG020944.D

Acq: 18 Feb 2016 20:30

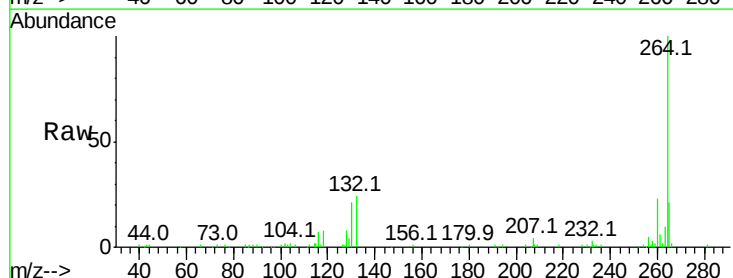
Tgt Ion:264 Resp: 118625

Ion Ratio Lower Upper

264 100

260 23.2 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

