

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016479.D
 Acq On : 17 Apr 2015 6:49
 Operator : TP/IZ
 Sample : G1765-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Quant Time: Apr 17 08:20:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

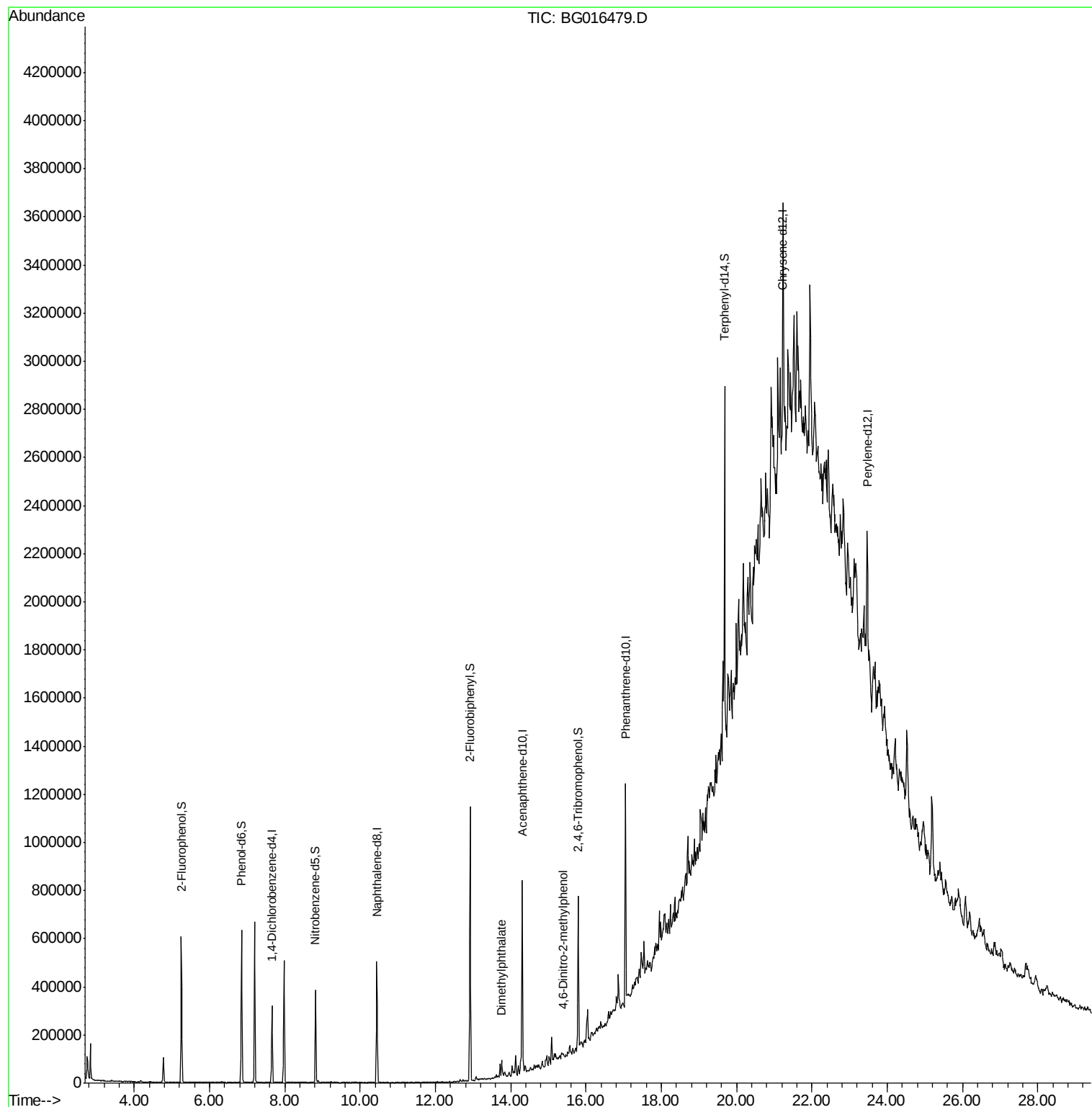
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	91388	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	422972	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	254680	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	474030	20.00	ng	0.00
75) Chrysene-d12	21.23	240	357444	20.00	ng	0.00
86) Perylene-d12	23.47	264	350596	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	305297	52.72	ng	0.00
7) Phenol-d6	6.85	99	425900	48.99	ng	0.00
23) Nitrobenzene-d5	8.82	82	228560	31.30	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	94137	54.66	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	548533	36.67	ng	0.00
78) Terphenyl-d14	19.68	244	533654	34.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	44632	2.39	ng	Qvalue 100
64) 4,6-Dinitro-2-methylphenol	15.40	198	160	3.93	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

Instrument :

BNA_G

ClientSampleId :

AS-4

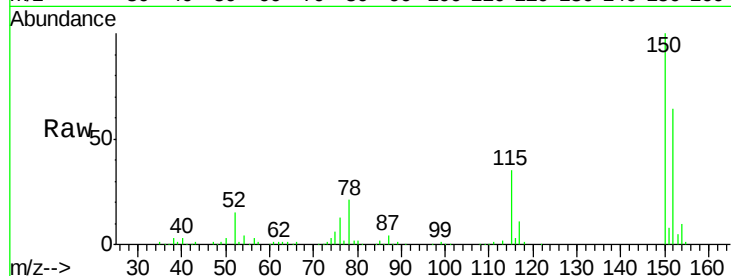
Tgt Ion:152 Resp: 91388

Ion Ratio Lower Upper

152 100

150 157.3 130.1 195.1

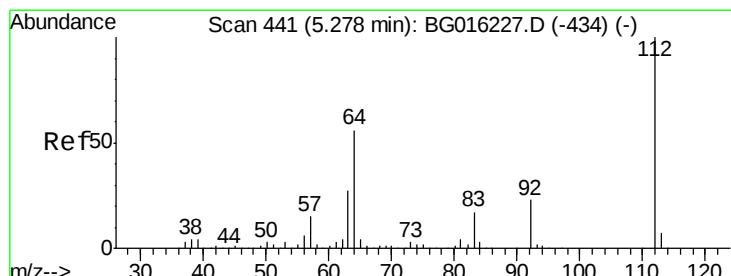
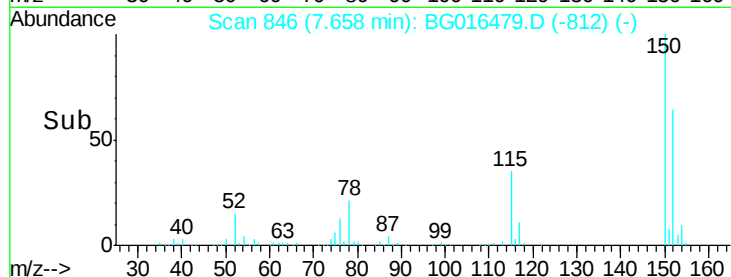
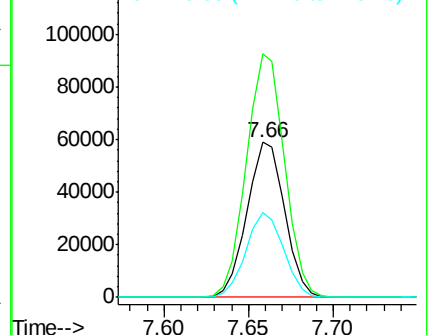
115 54.6 50.5 75.7



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: 52.72 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

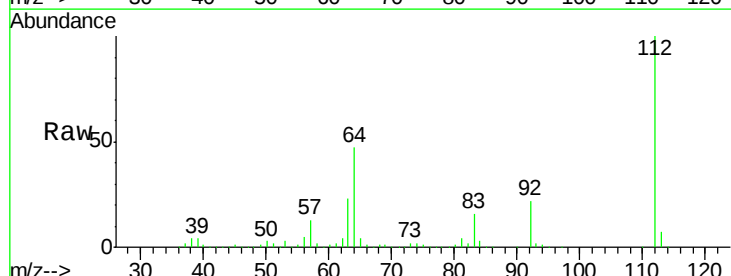
Tgt Ion:112 Resp: 305297

Ion Ratio Lower Upper

112 100

64 47.4 44.5 66.7

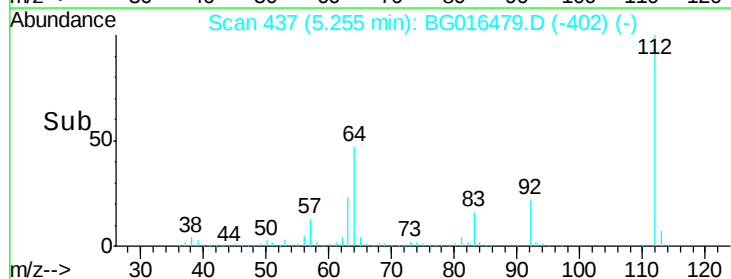
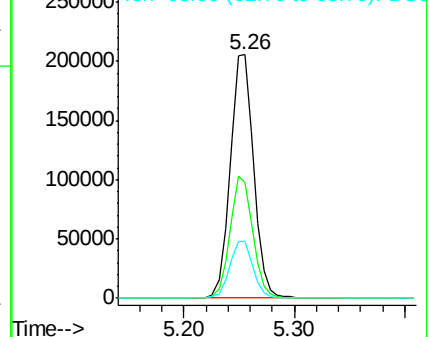
63 23.3 21.4 32.0



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: 48.99 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

Instrument :

BNA_G

ClientSampleId :

AS-4

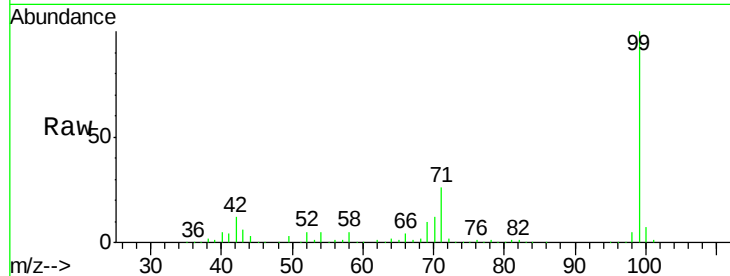
Tgt Ion: 99 Resp: 425900

Ion Ratio Lower Upper

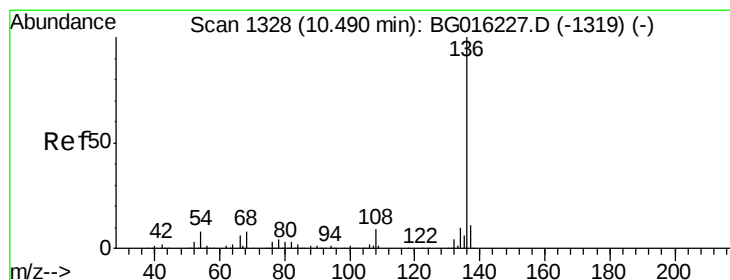
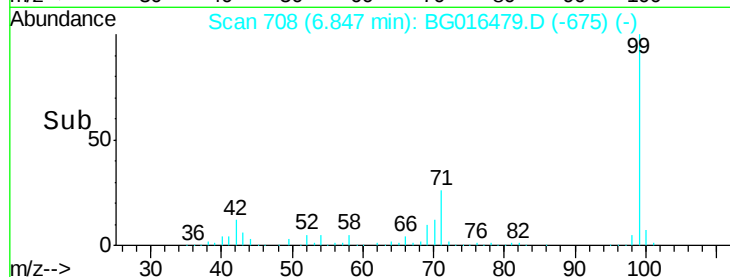
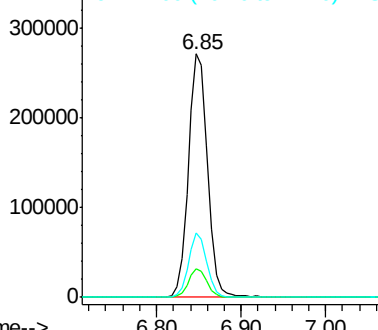
99 100

42 11.7 10.0 15.0

71 26.5 21.5 32.3



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: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

Tgt Ion: 136 Resp: 422972

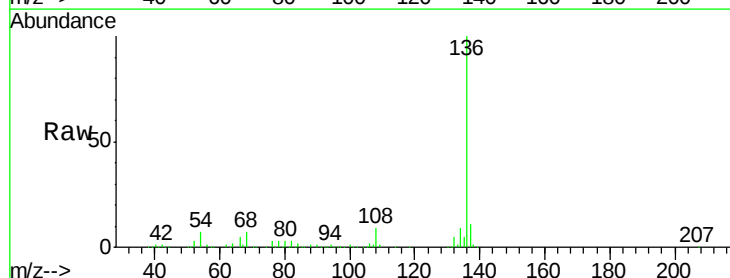
Ion Ratio Lower Upper

136 100

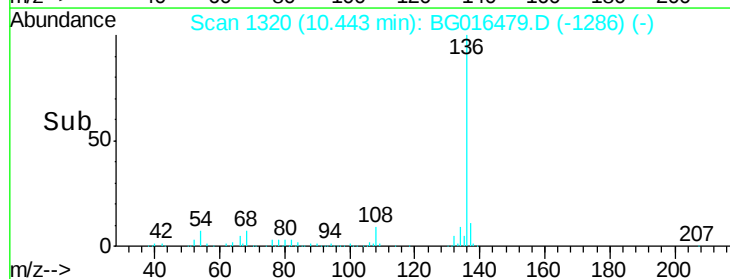
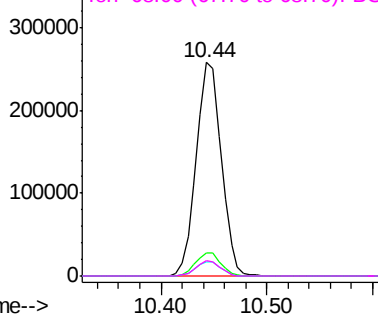
137 11.1 8.7 13.1

54 6.7 6.3 9.5

68 7.2 6.5 9.7



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

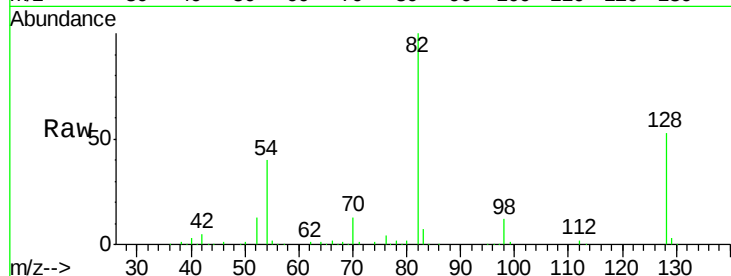




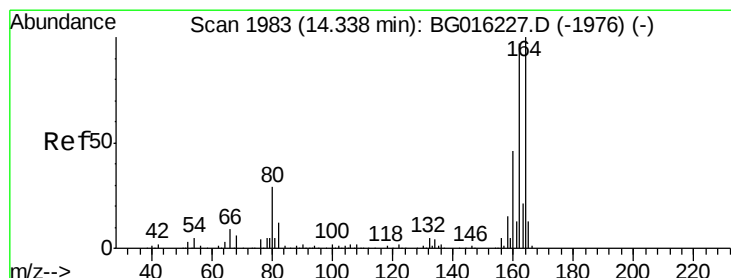
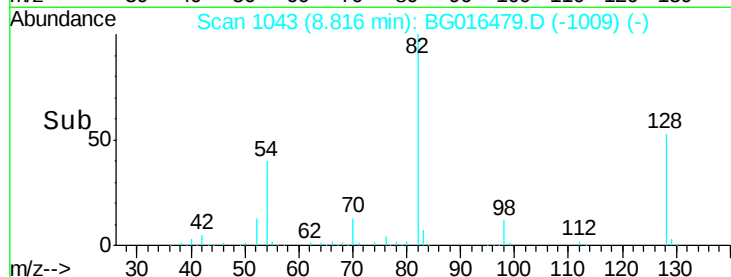
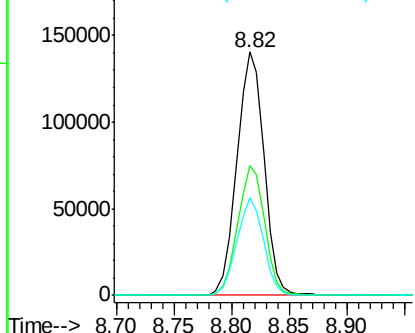
#23
 Nitrobenzene-d5
 Concen: 31.30 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Tgt Ion: 82 Resp: 228560
 Ion Ratio Lower Upper
 82 100
 128 53.5 37.8 56.8
 54 40.1 32.6 49.0

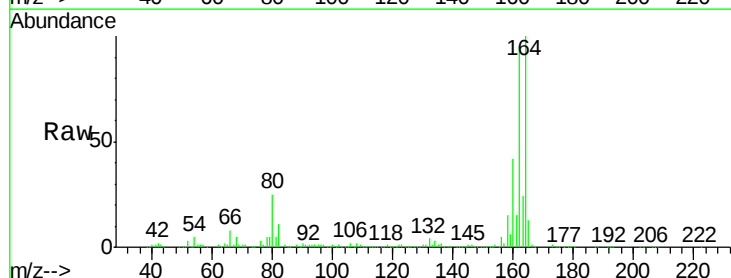


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

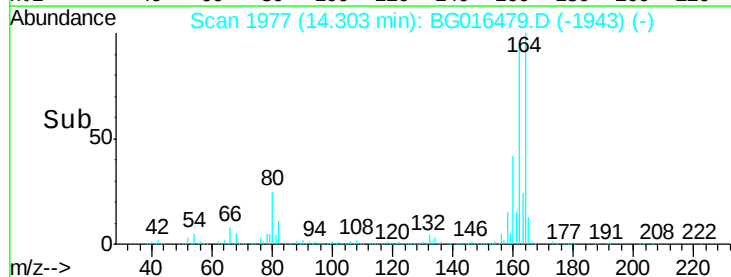
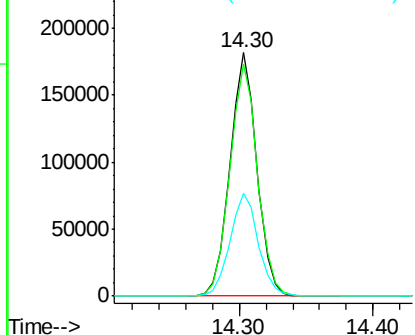


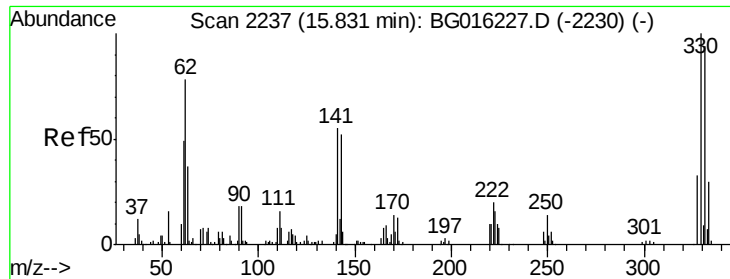
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Tgt Ion: 164 Resp: 254680
 Ion Ratio Lower Upper
 164 100
 162 95.4 77.3 115.9
 160 42.3 36.7 55.1



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

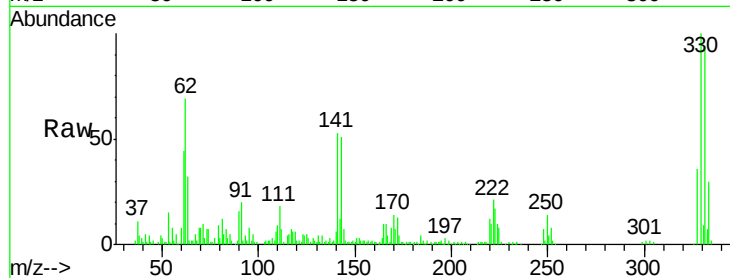




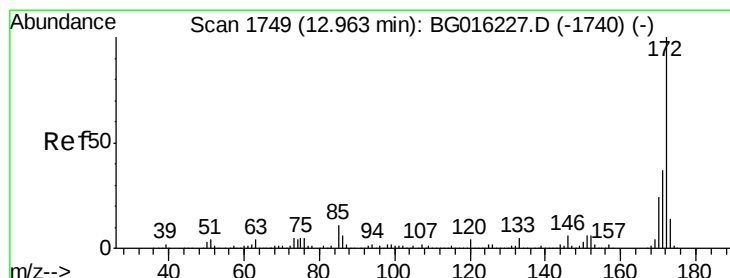
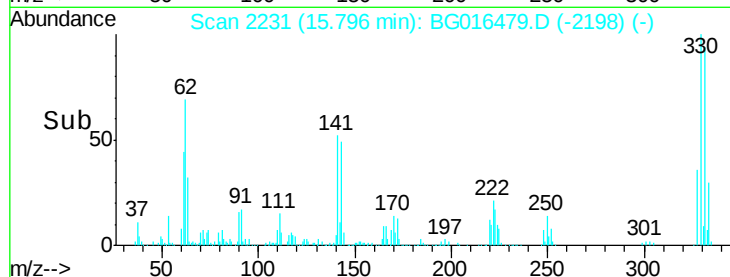
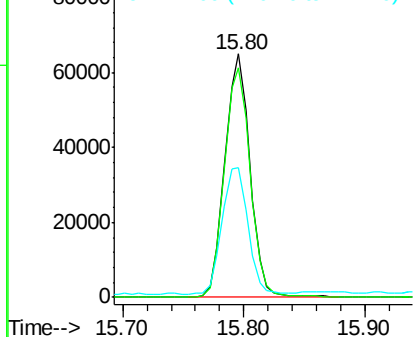
#41
 2,4,6-Tribromophenol
 Concen: 54.66 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Tgt Ion:330 Resp: 94137
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 52.8 46.6 69.8

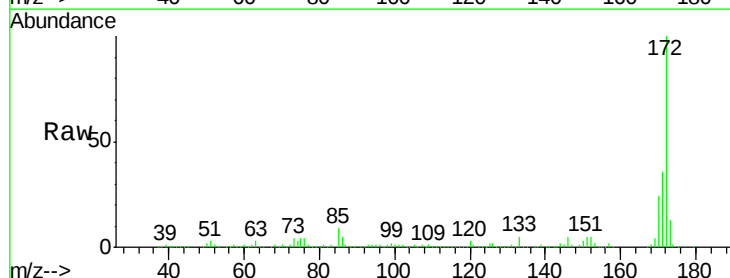


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

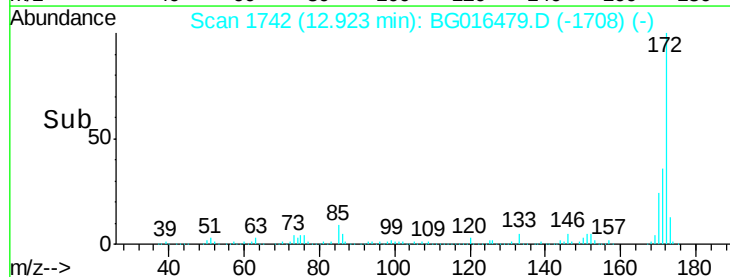
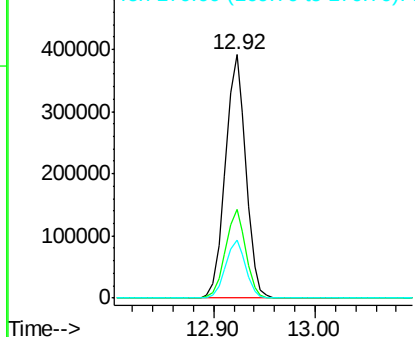


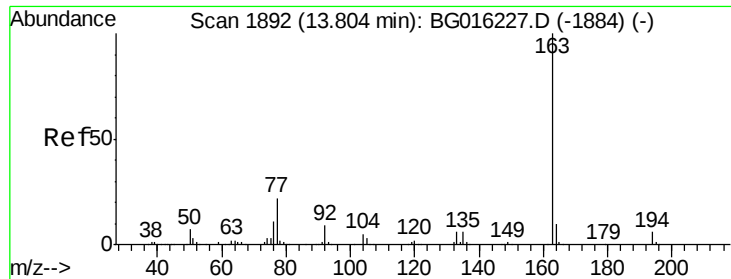
#44
 2-Fluorobiphenyl
 Concen: 36.67 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Tgt Ion:172 Resp: 548533
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.4 29.2



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





#49

Dimethylphthalate

Concen: 2.39 ng

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

Instrument :

BNA_G

ClientSampleId :

AS-4

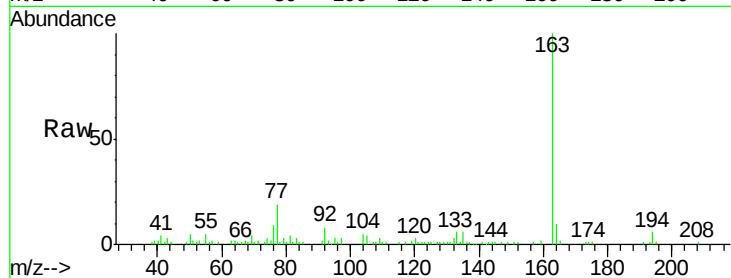
Tgt Ion:163 Resp: 44632

Ion Ratio Lower Upper

163 100

194 6.1 5.0 7.4

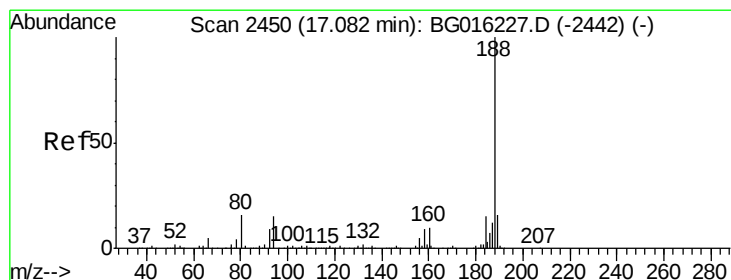
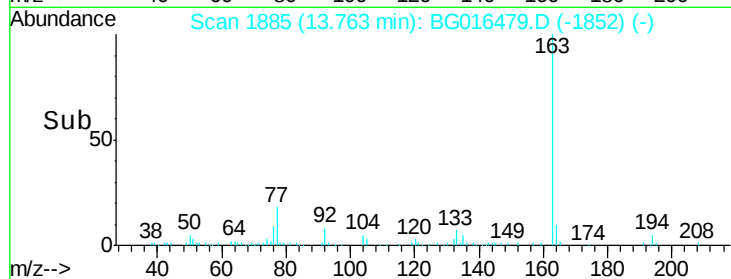
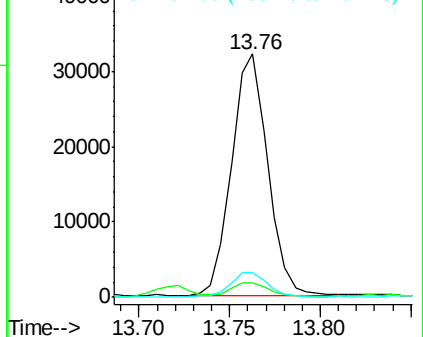
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

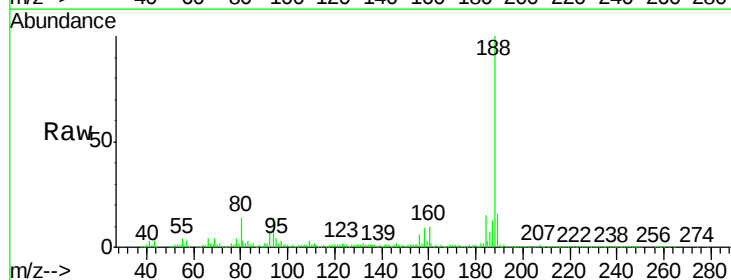
Tgt Ion:188 Resp: 474030

Ion Ratio Lower Upper

188 100

94 13.8 12.2 18.4

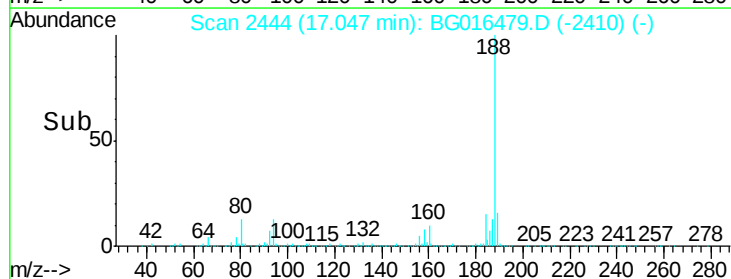
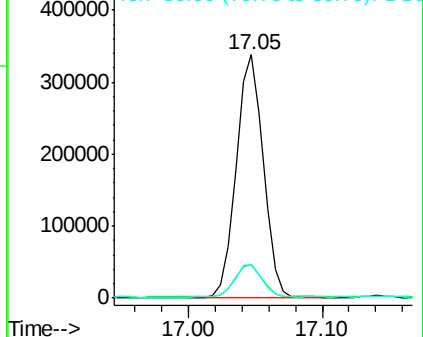
80 13.9 12.8 19.2

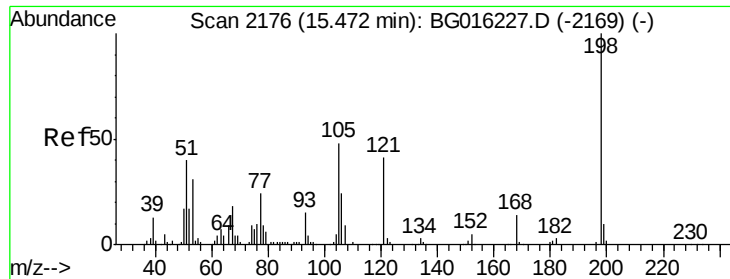


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

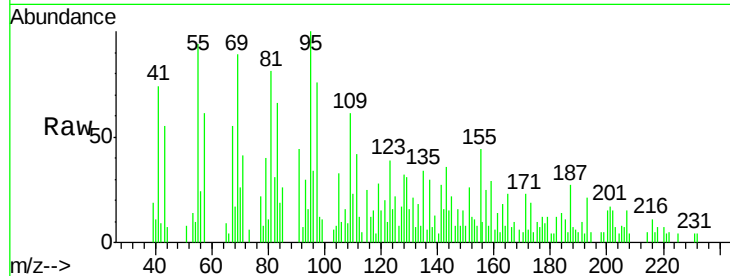




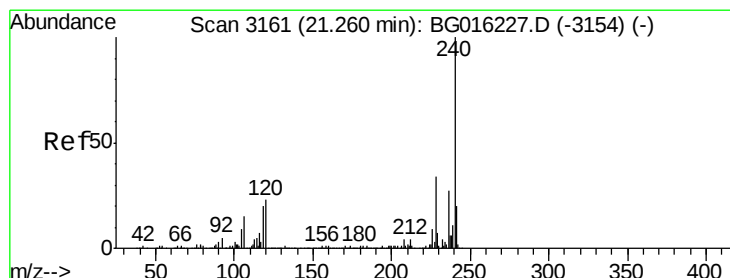
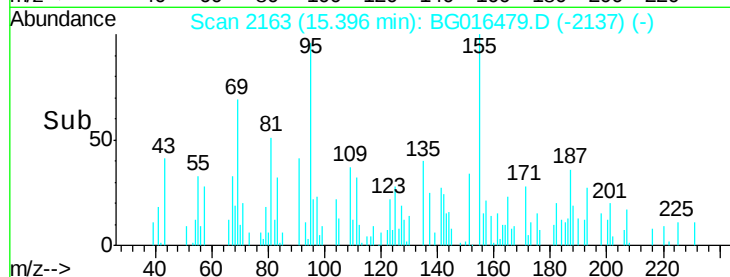
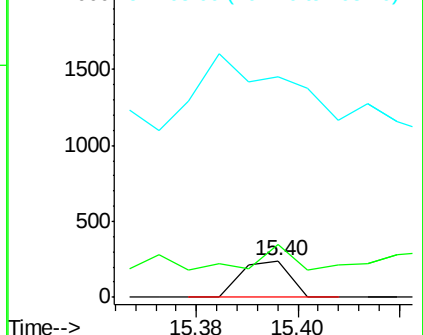
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.93 ng
 RT: 15.40 min Scan# 2163
 Delta R.T. -0.05 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Instrument :
 BNA_G
 ClientSampled :
 AS-4

Tgt Ion:198 Resp: 160
 Ion Ratio Lower Upper
 198 100
 51 144.9 20.7 60.7#
 105 596.7 28.8 68.8#

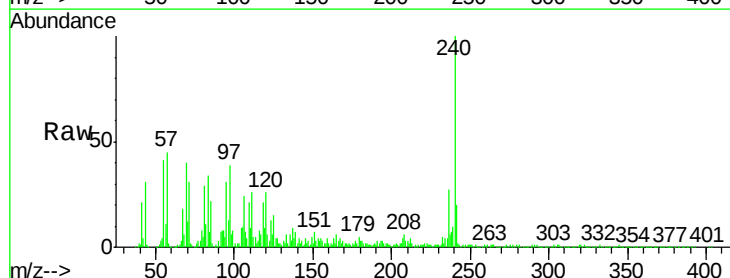


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

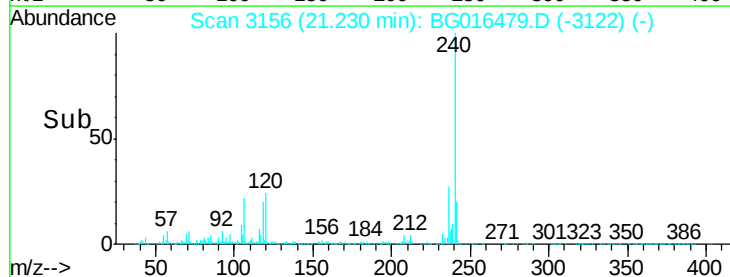
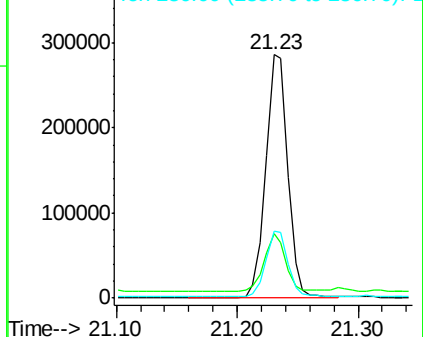


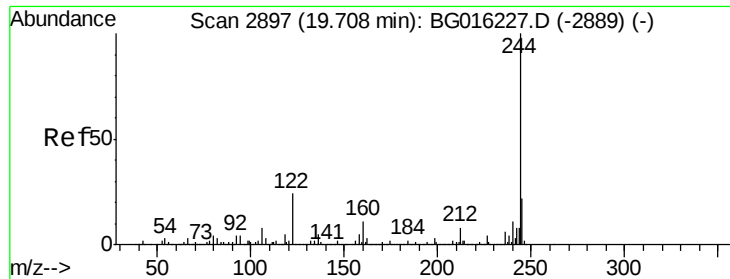
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.23 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG016479.D
 Acq: 17 Apr 2015 6:49

Tgt Ion:240 Resp: 357444
 Ion Ratio Lower Upper
 240 100
 120 26.3 18.6 28.0
 236 27.5 21.7 32.5



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: 34.94 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

Instrument :

BNA_G

ClientSampleId :

AS-4

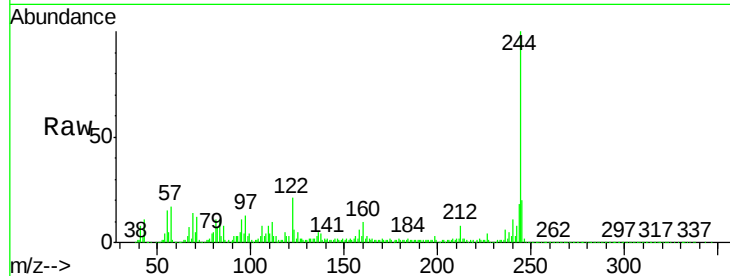
Tgt Ion:244 Resp: 533654

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

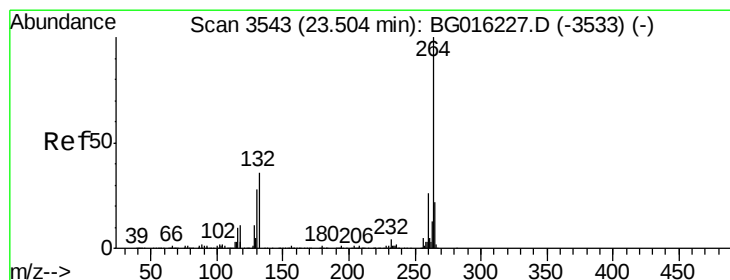
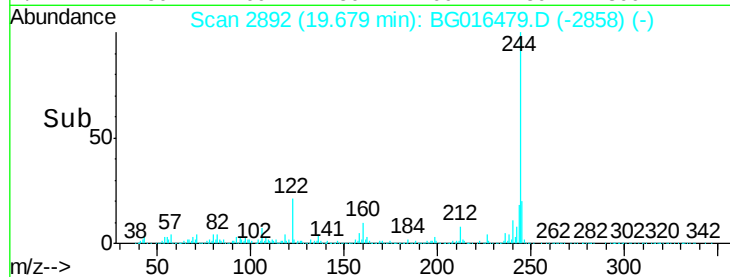
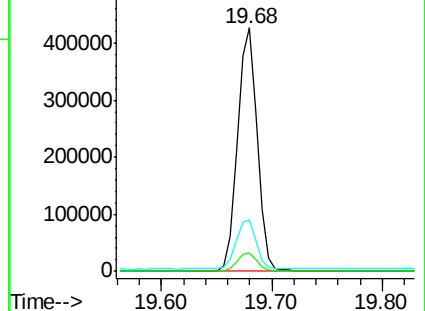
122 21.4 19.1 28.7



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: 23.47 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BG016479.D

Acq: 17 Apr 2015 6:49

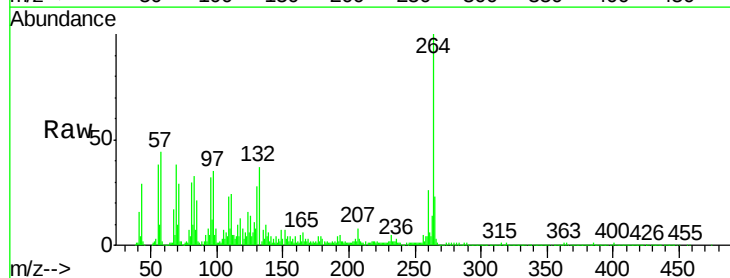
Tgt Ion:264 Resp: 350596

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 23.3 17.2 25.8



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

