

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016886.D
 Acq On : 6 May 2015 4:57
 Operator : TP/IZ
 Sample : G2114-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-3(12-23)

Quant Time: May 06 05:57:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

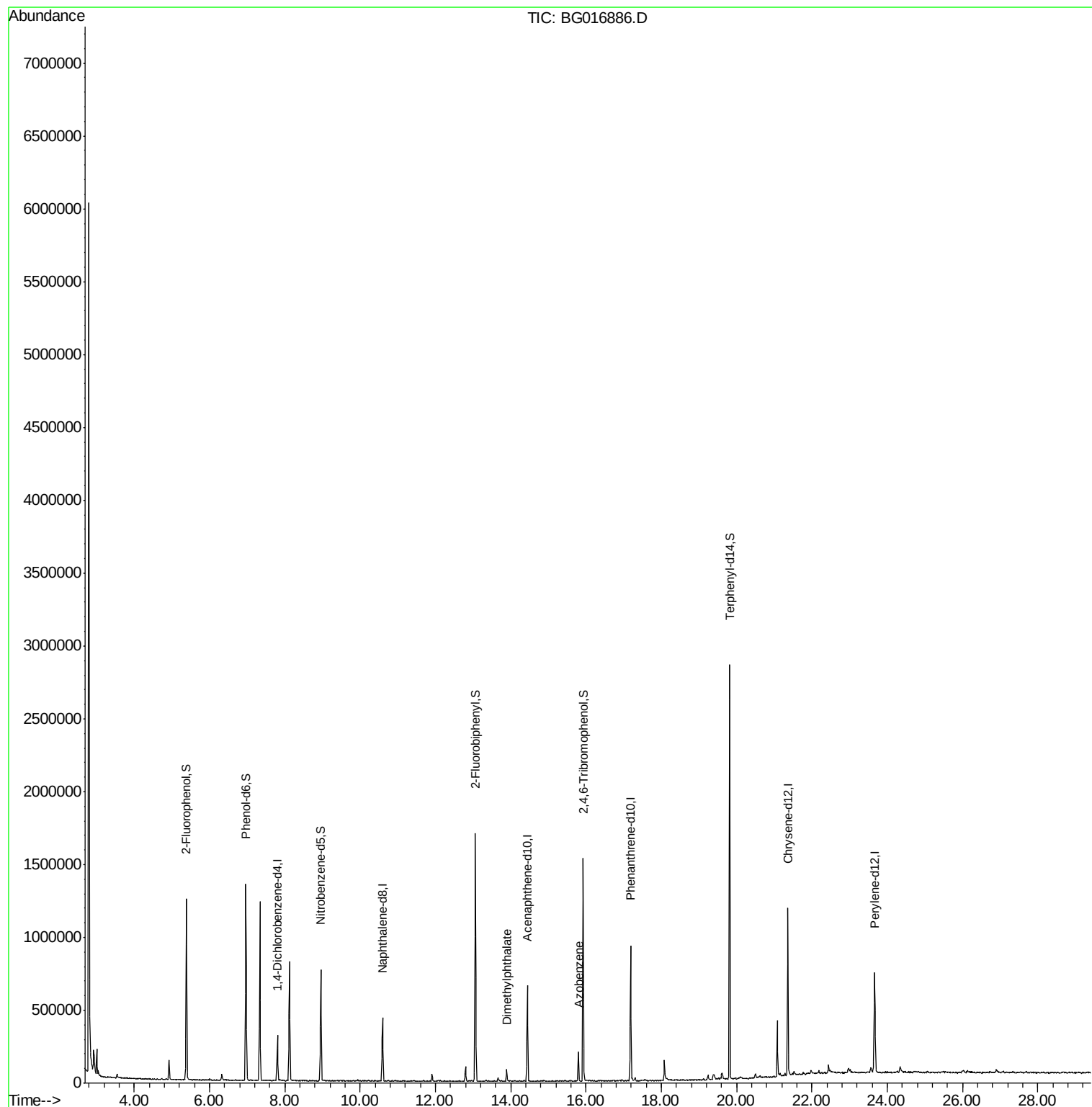
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	74828	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	325231	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	210612	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	473119	20.00	ng	0.00
75) Chrysene-d12	21.36	240	484084	20.00	ng	0.00
86) Perylene-d12	23.67	264	469439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	446151	103.82	ng	0.00
7) Phenol-d6	6.97	99	616208	100.37	ng	0.00
23) Nitrobenzene-d5	8.96	82	389693	58.54	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	203776	96.38	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	740355	53.05	ng	0.00
78) Terphenyl-d14	19.82	244	1081729	52.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.90	163	43332	2.76	ng	# 95
62) Azobenzene	15.80	77	57026	3.32	ng	# 14

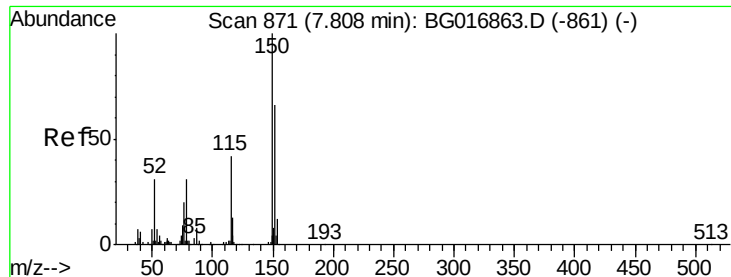
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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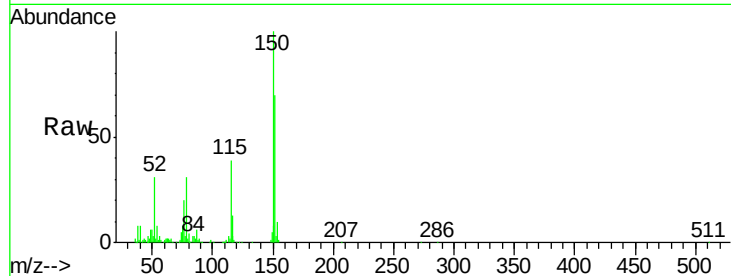


#1

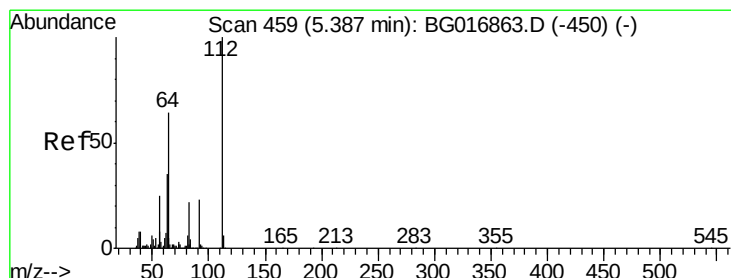
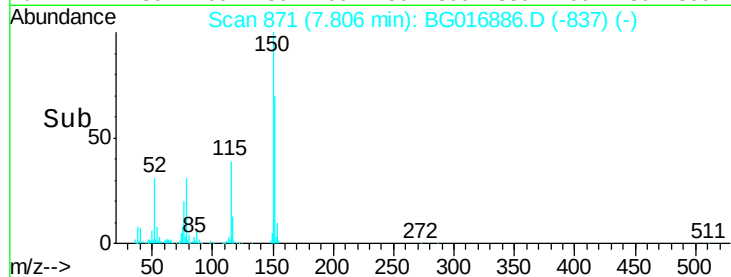
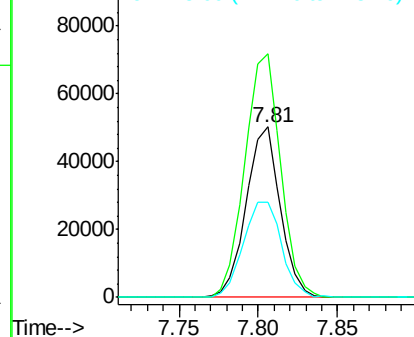
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016886.D
Acq: 6 May 2015 4:57

Instrument :
BNA_G
ClientSampleId :
GRID-3(12-23)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.1	121.0	181.4
115	56.2	50.5	75.7



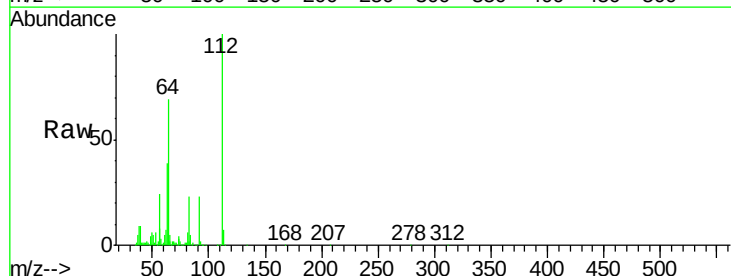
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



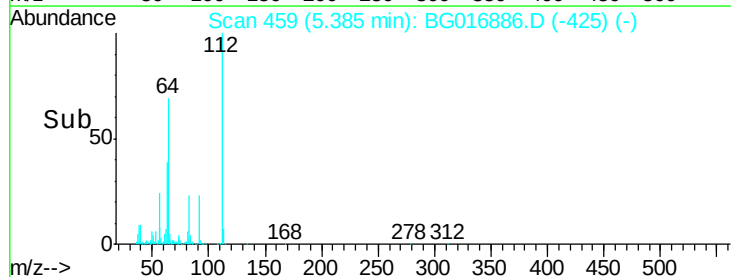
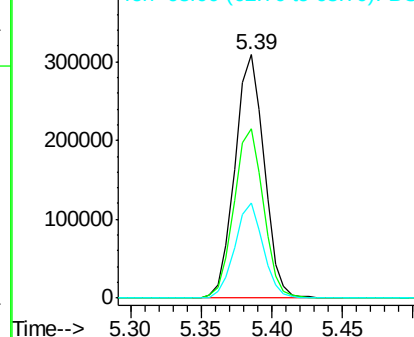
#5

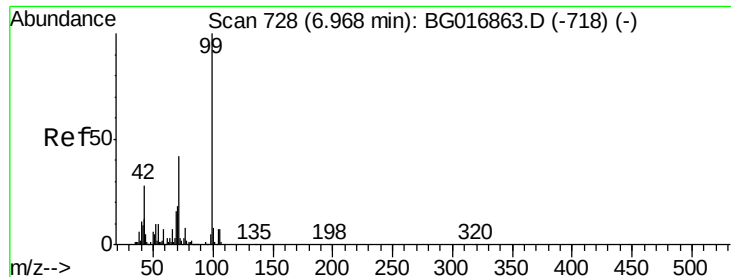
2-Fluorophenol
Concen: 103.82 ng
RT: 5.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016886.D
Acq: 6 May 2015 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	51.4	77.2
63	39.0	28.1	42.1



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: 100.37 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

GRID-3(12-23)

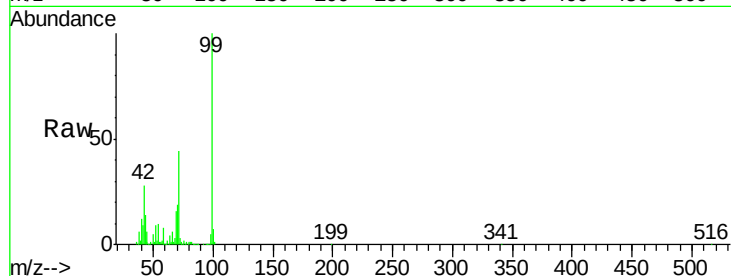
Tgt Ion: 99 Resp: 616208

Ion Ratio Lower Upper

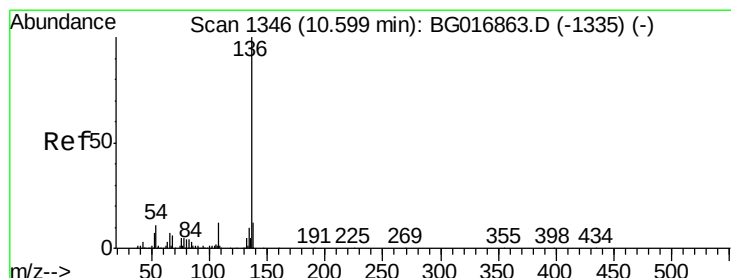
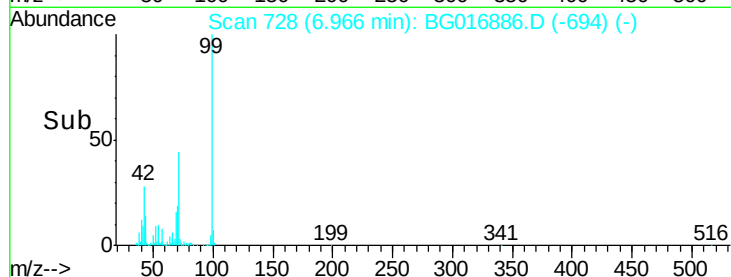
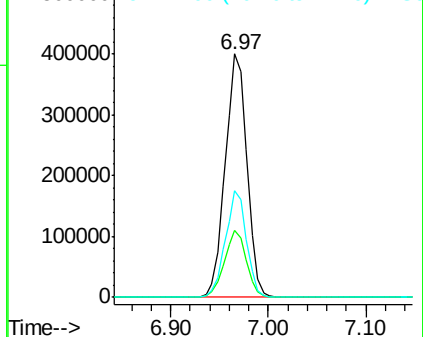
99 100

42 27.7 22.1 33.1

71 43.8 33.4 50.0



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: 10.60 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

Tgt Ion: 136 Resp: 325231

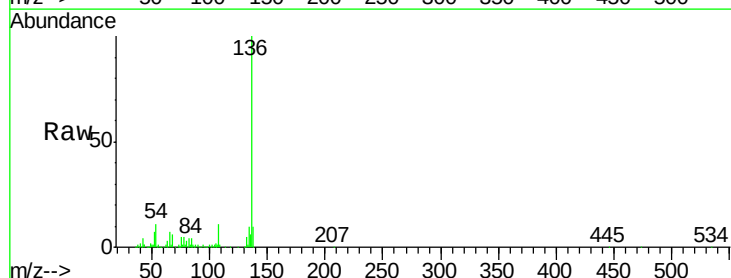
Ion Ratio Lower Upper

136 100

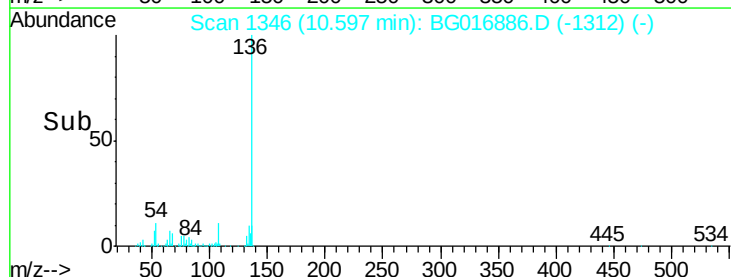
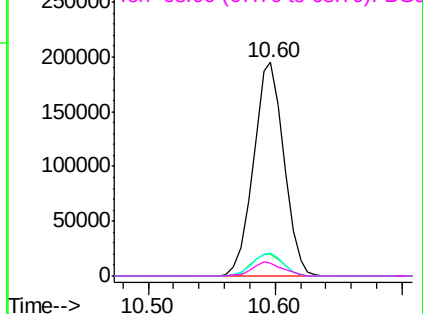
137 10.4 9.8 14.8

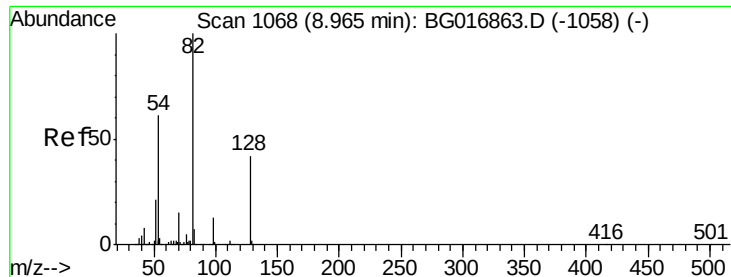
54 10.8 8.7 13.1

68 5.9 5.0 7.4



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

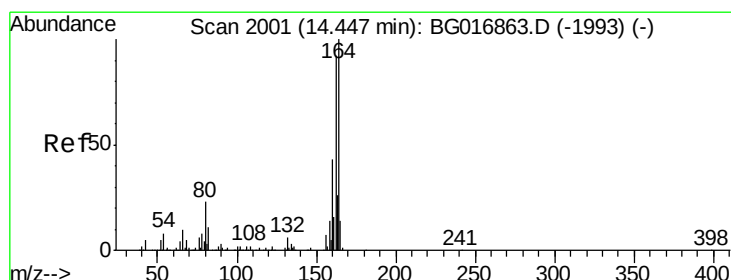
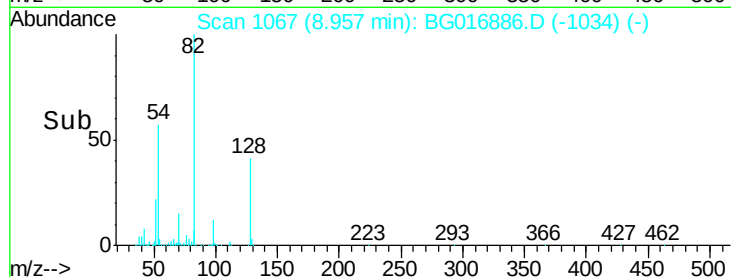
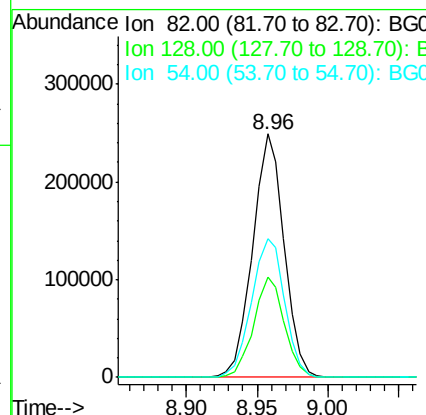
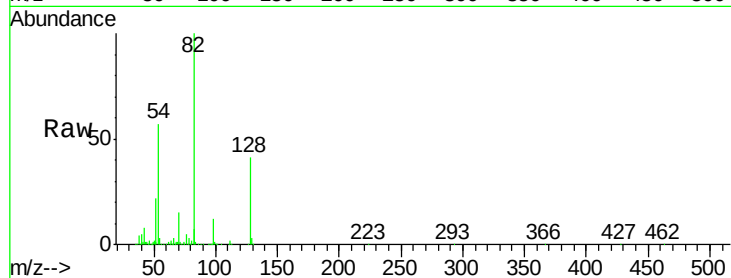




#23
 Nitrobenzene-d5
 Concen: 58.54 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

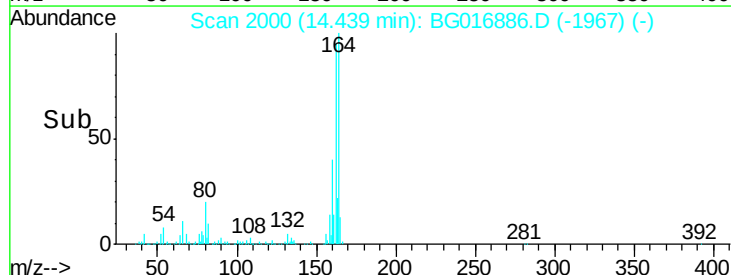
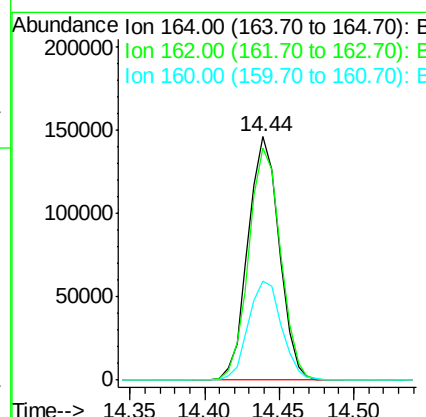
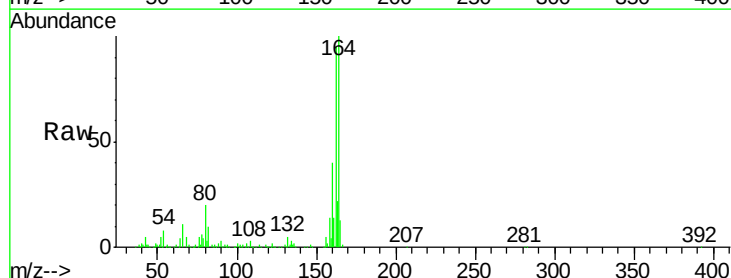
Instrument :
 BNA_G
 ClientSampleId :
 GRID-3(12-23)

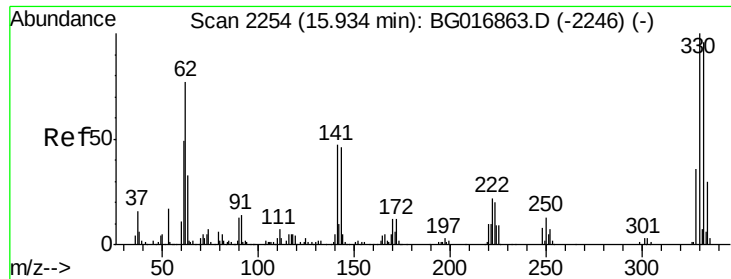
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.2	49.8
54	56.8	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	74.0	111.0
160	40.4	34.7	52.1

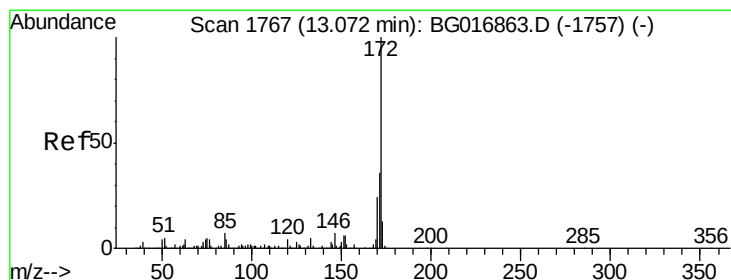
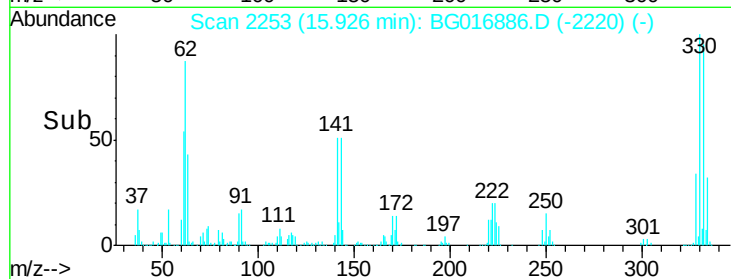
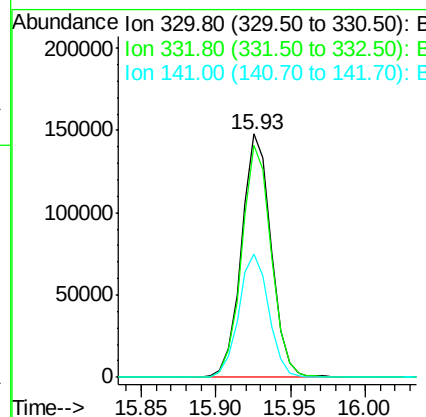
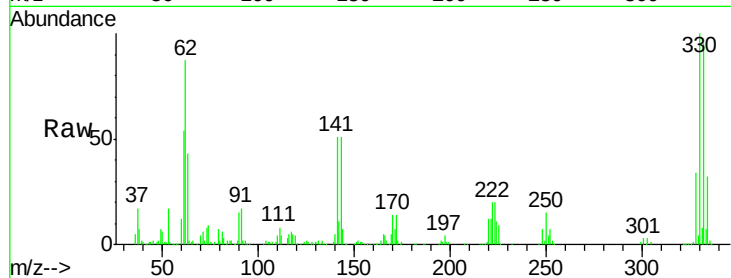




#41
 2,4,6-Tribromophenol
 Concen: 96.38 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

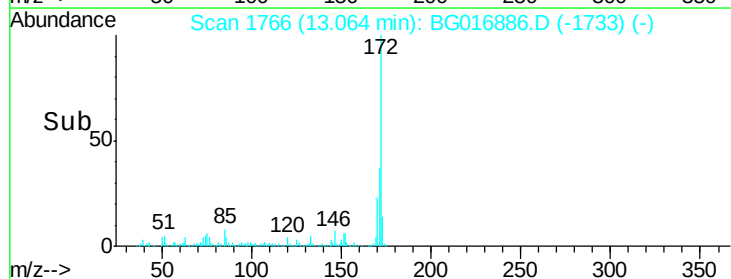
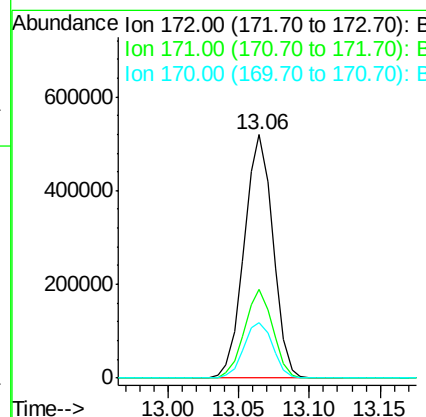
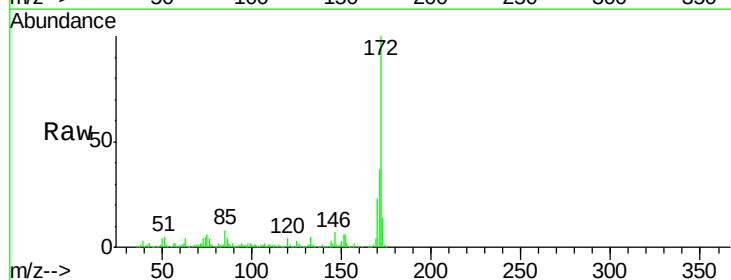
Instrument :
 BNA_G
 ClientSampleId :
 GRID-3(12-23)

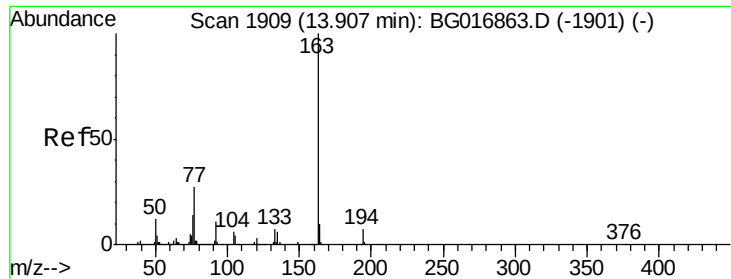
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	51.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 53.05 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	23.0	19.0	28.4





#49

Dimethylphthalate

Concen: 2.76 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

GRID-3(12-23)

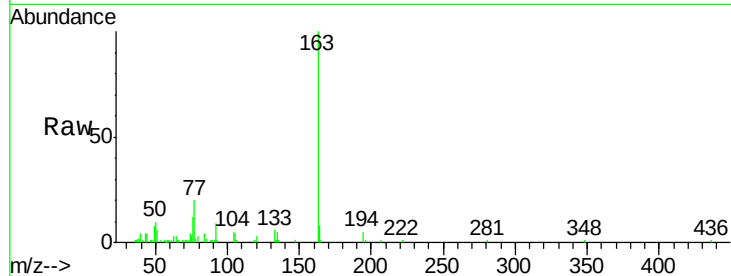
Tgt Ion:163 Resp: 43332

Ion Ratio Lower Upper

163 100

194 5.0 5.2 7.8#

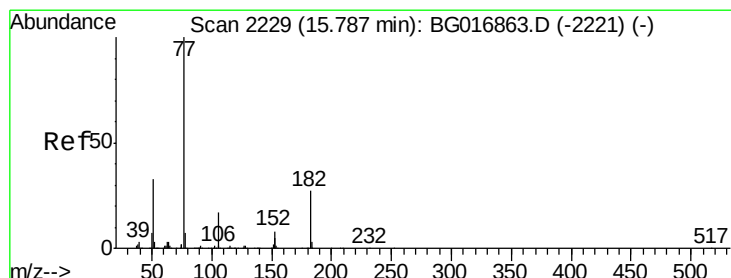
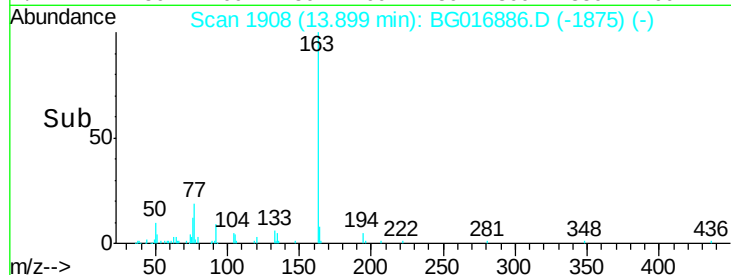
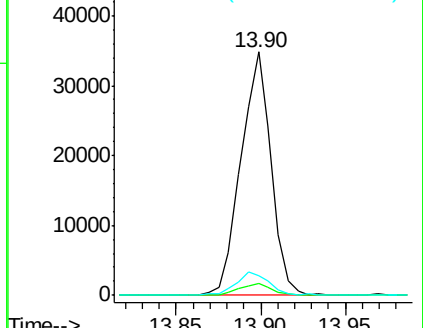
164 8.3 8.4 12.6#



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



#62

Azobenzene

Concen: 3.32 ng

RT: 15.80 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

Tgt Ion: 77 Resp: 57026

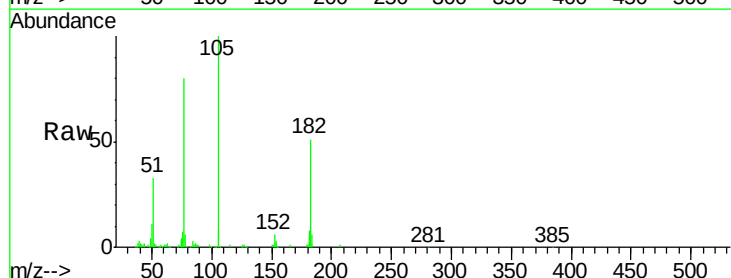
Ion Ratio Lower Upper

77 100

182 63.6 7.4 47.4#

105 125.7 0.0 36.6#

51 42.1 13.4 53.4

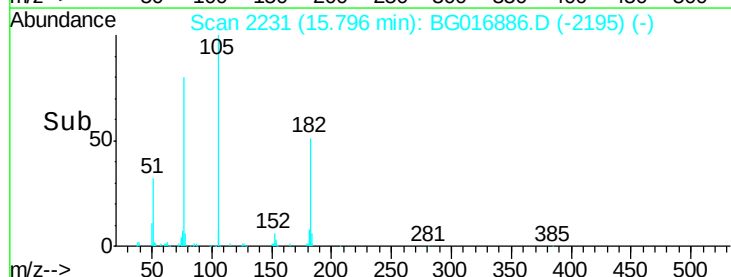
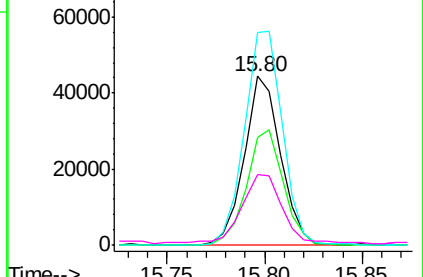


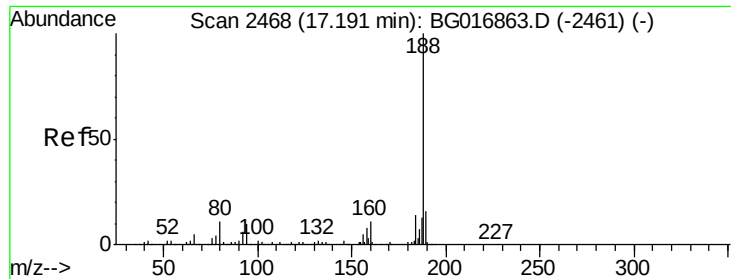
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

Instrument :

BNA_G

ClientSampleId :

GRID-3(12-23)

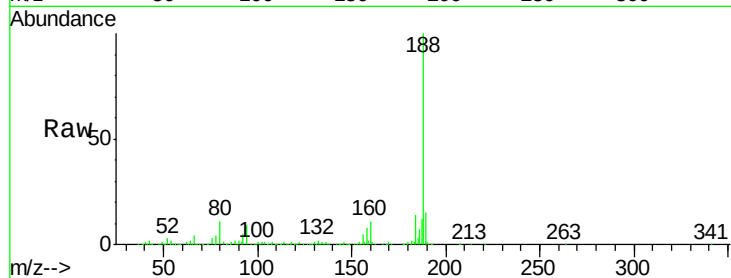
Tgt Ion:188 Resp: 473119

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

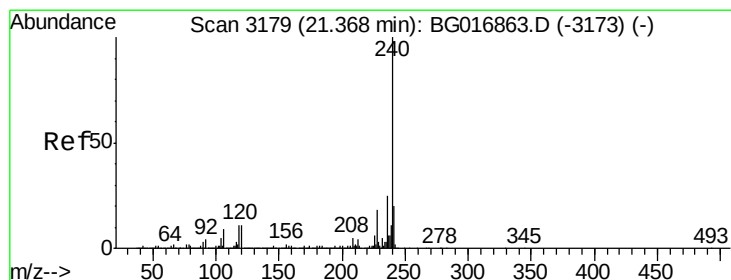
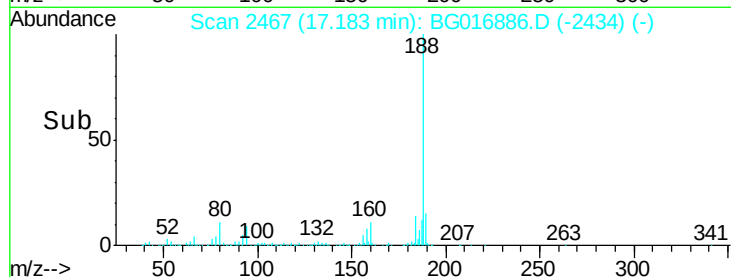
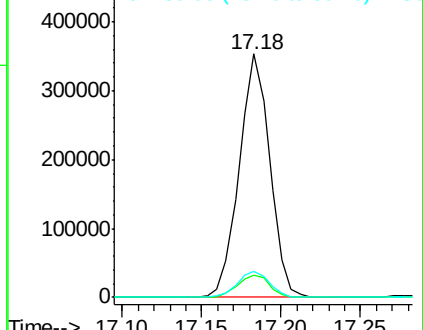
80 10.7 8.8 13.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016886.D

Acq: 6 May 2015 4:57

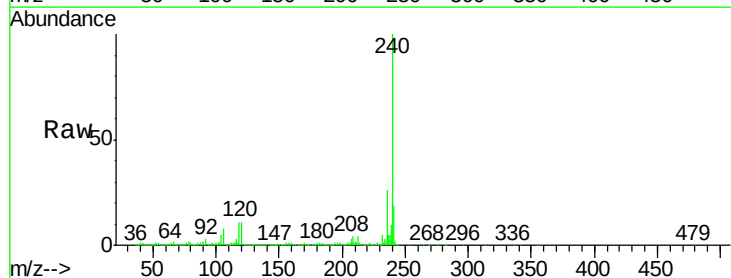
Tgt Ion:240 Resp: 484084

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

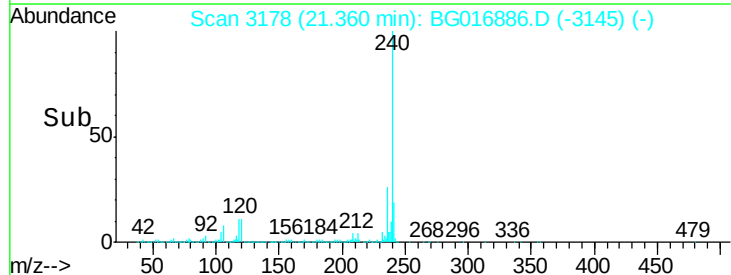
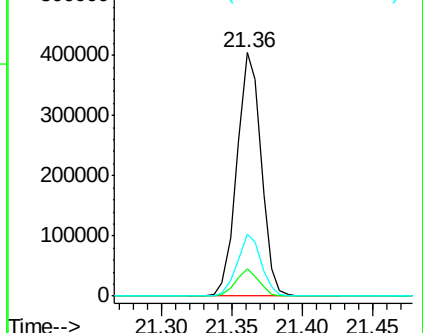
236 25.6 20.2 30.4

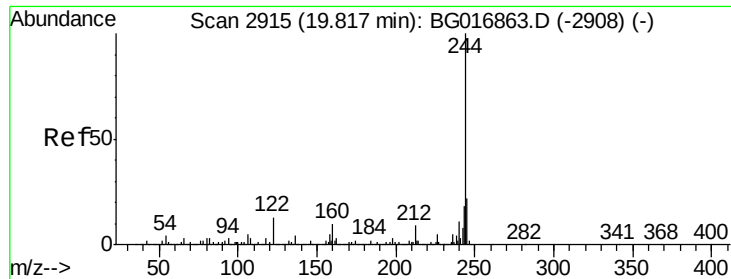


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

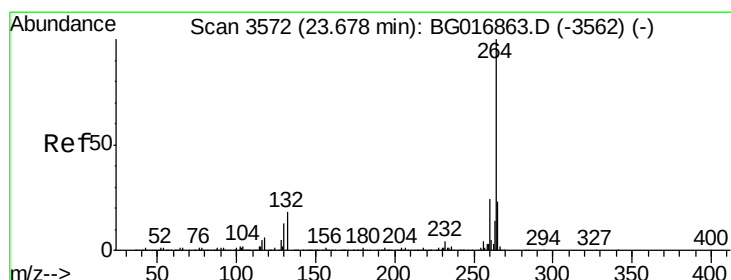
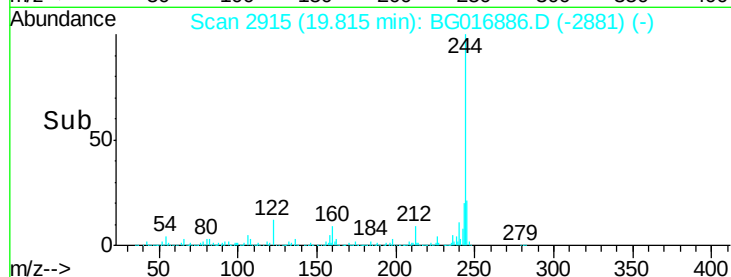
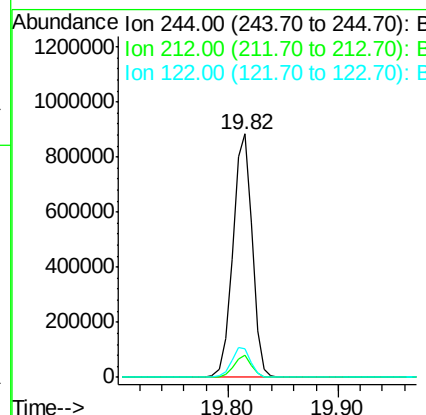
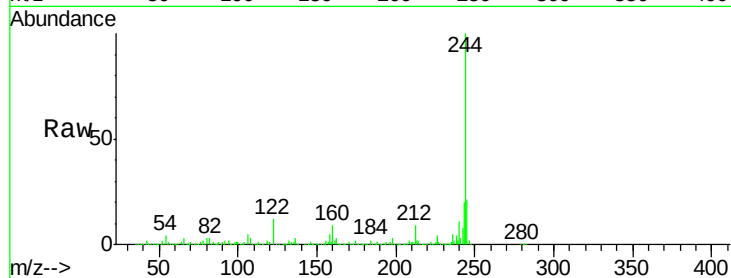




#78
 Terphenyl-d14
 Concen: 52.38 ng
 RT: 19.82 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

Instrument :
 BNA_G
 ClientSampleId :
 GRID-3(12-23)

Tgt Ion:244 Resp: 1081729
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.6
 122 11.9 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.67 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BG016886.D
 Acq: 6 May 2015 4:57

Tgt Ion:264 Resp: 469439
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.8 18.5 27.7

