

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016884.D
 Acq On : 6 May 2015 3:47
 Operator : TP/IZ
 Sample : G2114-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5(12-18)

Quant Time: May 06 04:44:24 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

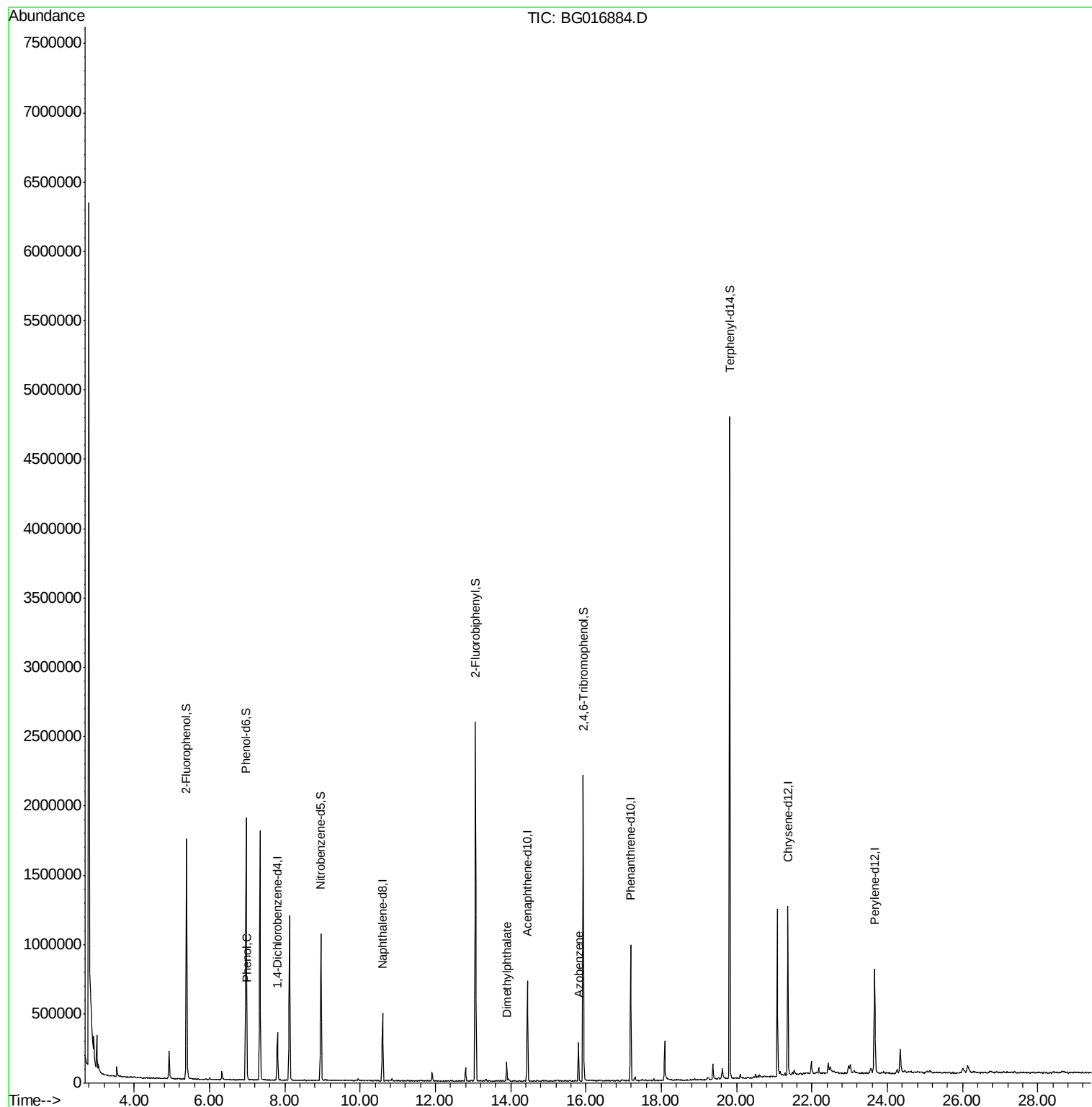
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	82404	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	360824	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	236421	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	522146	20.00	ng	0.00
75) Chrysene-d12	21.36	240	539396	20.00	ng	0.00
86) Perylene-d12	23.67	264	513966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	649662	137.28	ng	0.00
7) Phenol-d6	6.97	99	885134	130.91	ng	0.00
23) Nitrobenzene-d5	8.96	82	567130	76.78	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	308478	129.97	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1157589	73.89	ng	0.00
78) Terphenyl-d14	19.81	244	1735806	75.44	ng	0.00
Target Compounds						
10) Phenol	6.99	94	20483	2.83	ng	87
32) Benzoic acid	10.00	122	63	Below Cal	#	28
49) Dimethylphthalate	13.90	163	73947	4.19	ng	98
62) Azobenzene	15.80	77	75482	3.91	ng	# 1

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

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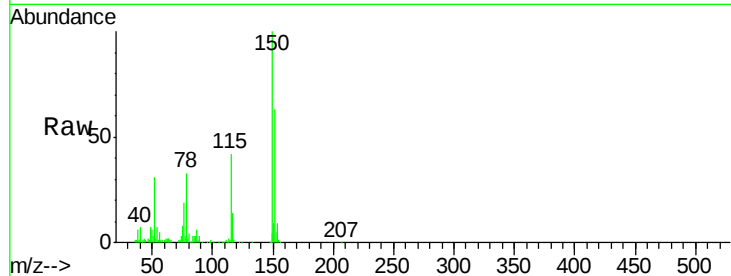


#1

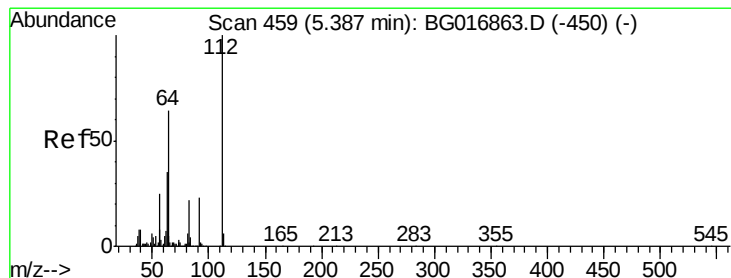
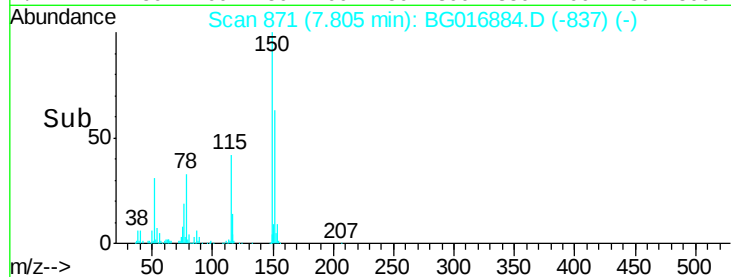
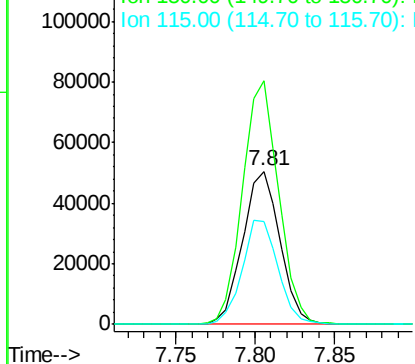
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

Instrument :
BNA_F
ClientSampleId :
GRID-5(12-18)

Tgt Ion:152 Resp: 82404
Ion Ratio Lower Upper
152 100
150 159.0 121.0 181.4
115 66.8 50.5 75.7



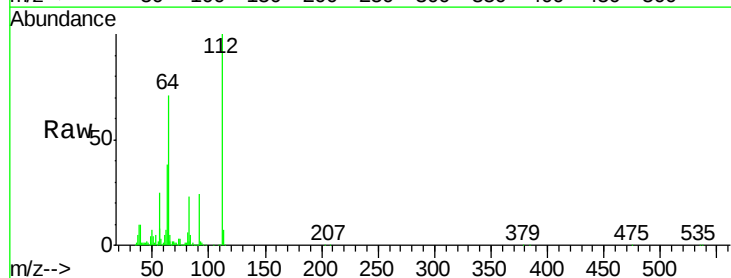
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



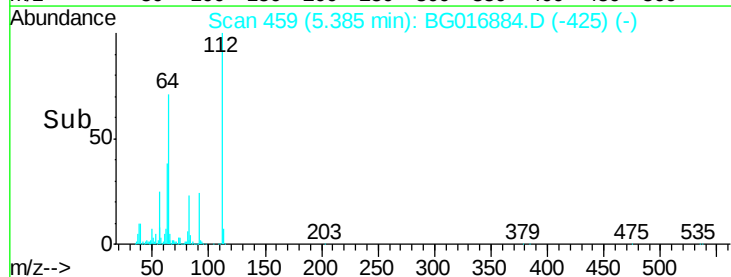
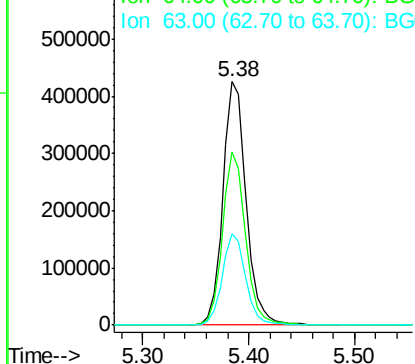
#5

2-Fluorophenol
Concen: 137.28 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

Tgt Ion:112 Resp: 649662
Ion Ratio Lower Upper
112 100
64 71.3 51.4 77.2
63 37.8 28.1 42.1



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





#7

Phenol-d6

Concen: 130.91 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

Instrument :

BNA_F

ClientSampleId :

GRID-5(12-18)

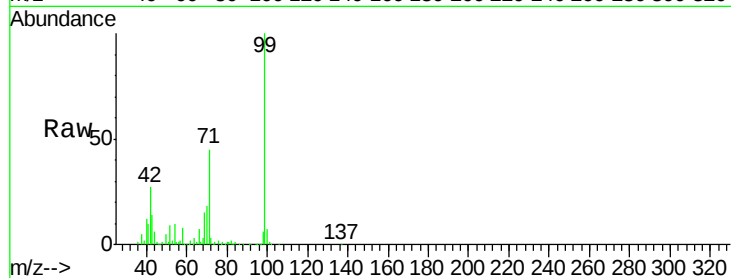
Tgt Ion: 99 Resp: 885134

Ion Ratio Lower Upper

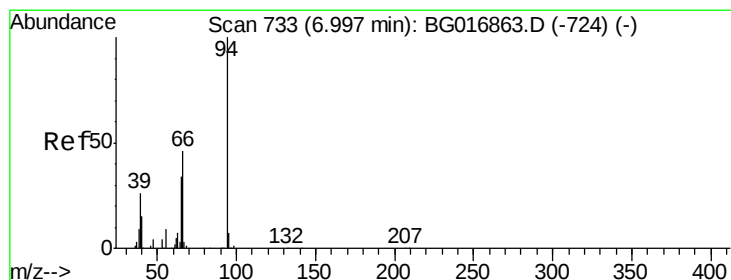
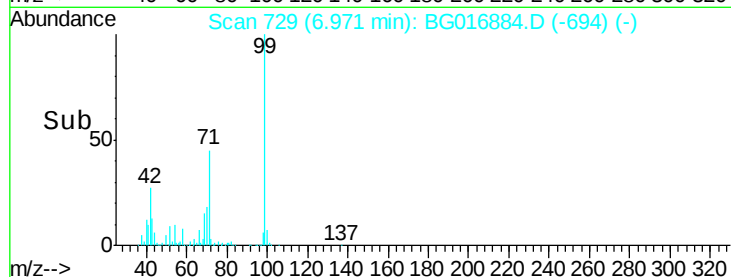
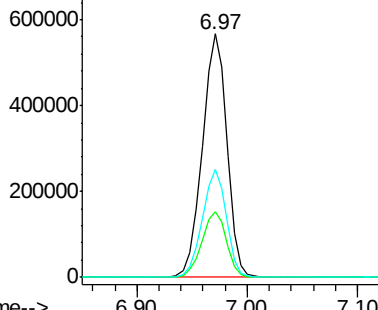
99 100

42 26.8 22.1 33.1

71 44.6 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



#10

Phenol

Concen: 2.83 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

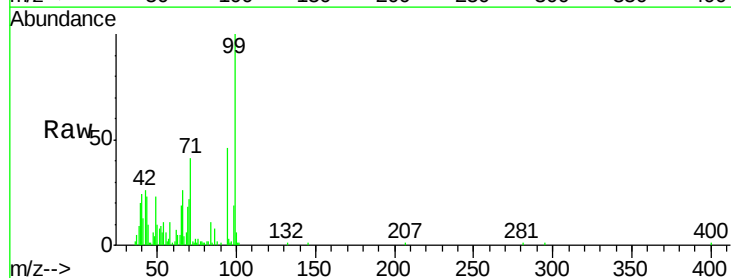
Tgt Ion: 94 Resp: 20483

Ion Ratio Lower Upper

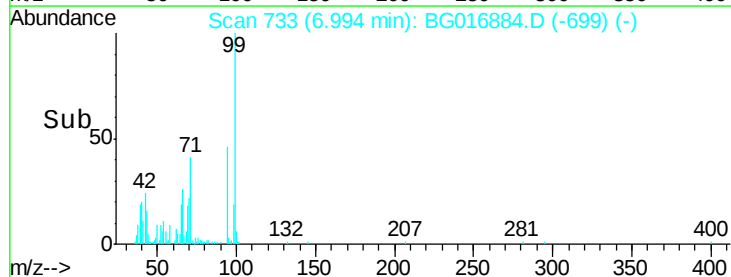
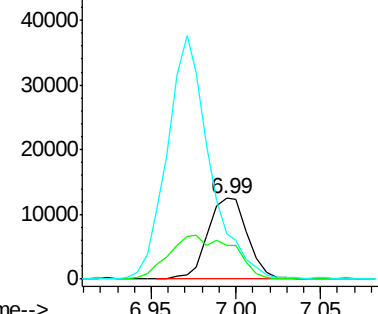
94 100

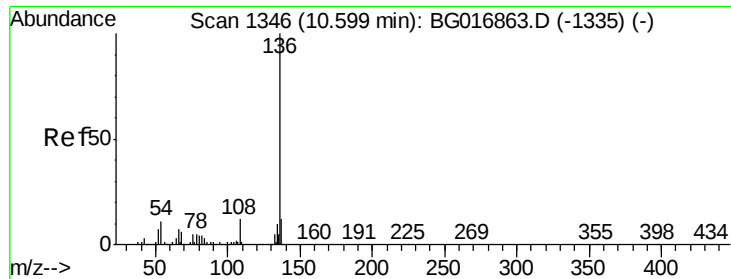
65 41.6 14.3 54.3

66 55.5 26.9 66.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

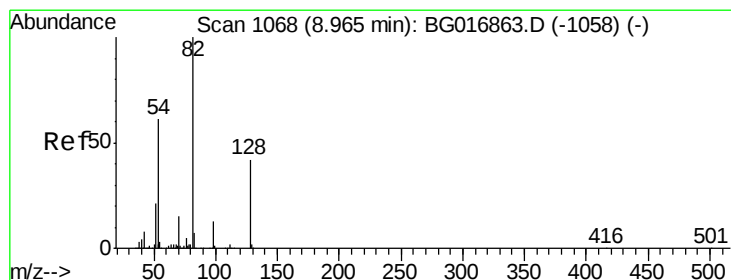
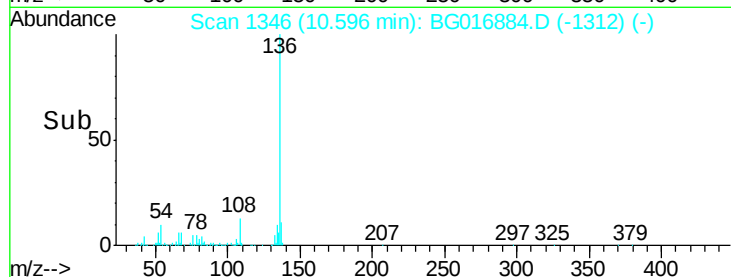
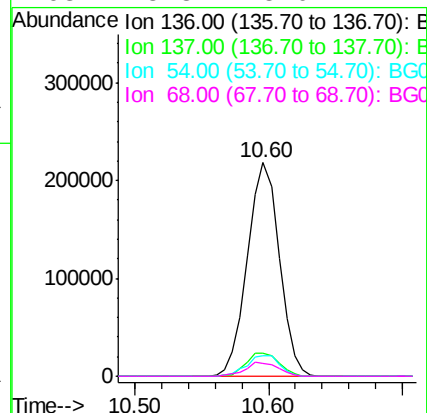
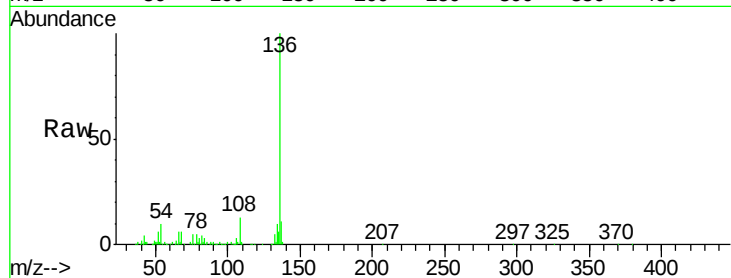




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

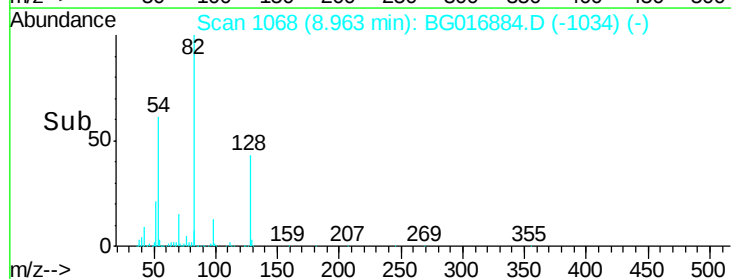
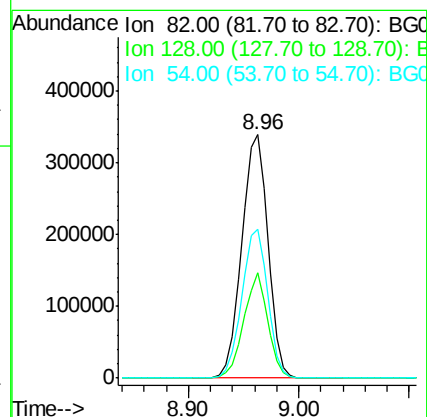
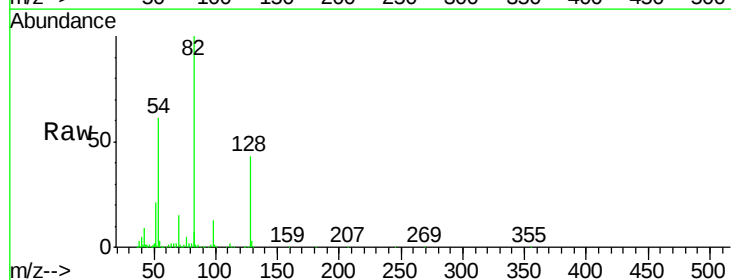
Instrument :
BNA_F
ClientSampleId :
GRID-5(12-18)

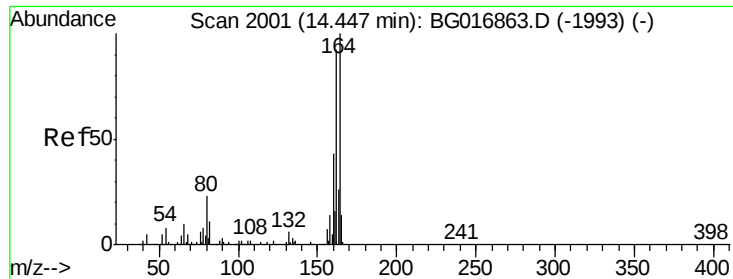
Tgt Ion:	136	Resp:	360824
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.9	8.7	13.1
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.78 ng
RT: 8.96 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

Tgt Ion:	82	Resp:	567130
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.2	49.8
54	61.2	48.6	72.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

Instrument :

BNA_F

ClientSampleId :

GRID-5(12-18)

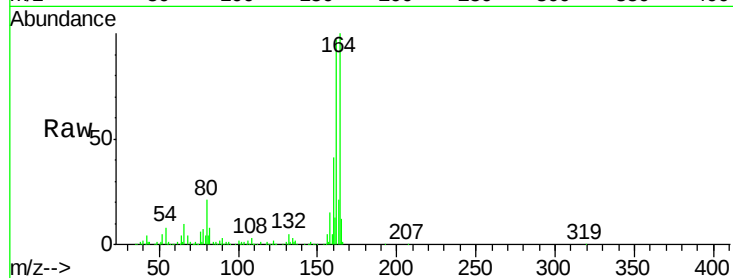
Tgt Ion:164 Resp: 236421

Ion Ratio Lower Upper

164 100

162 96.7 74.0 111.0

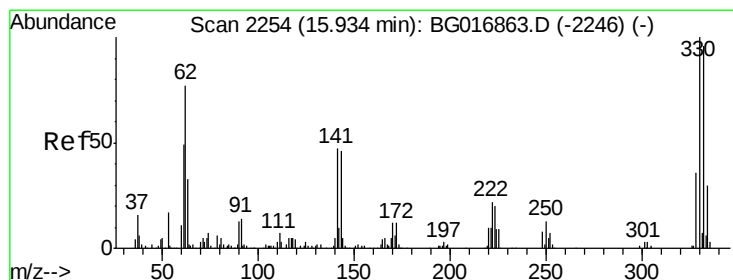
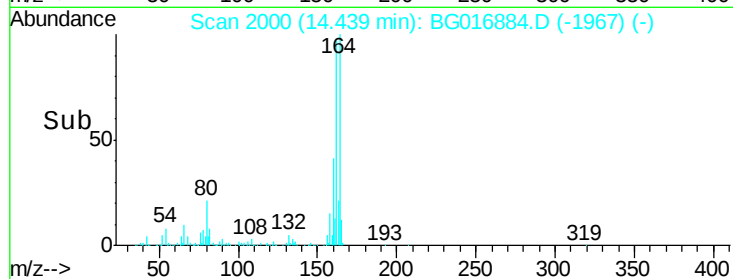
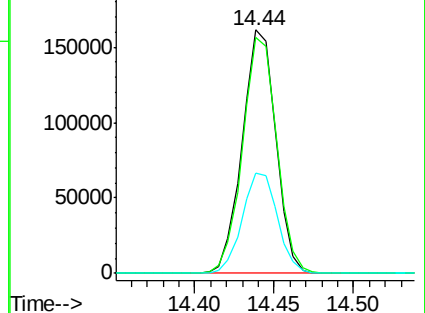
160 41.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 129.97 ng

RT: 15.93 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

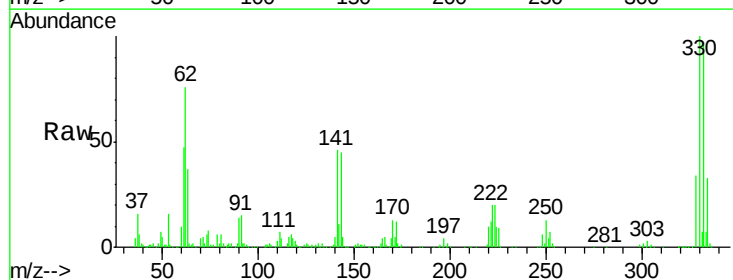
Tgt Ion:330 Resp: 308478

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

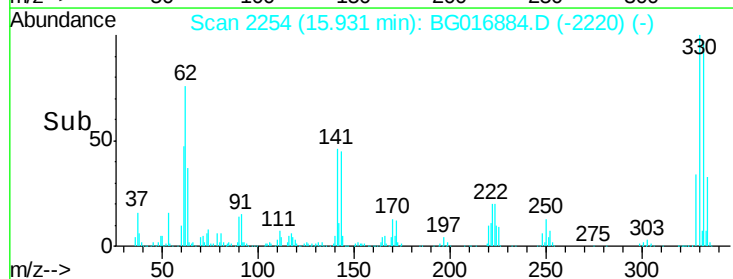
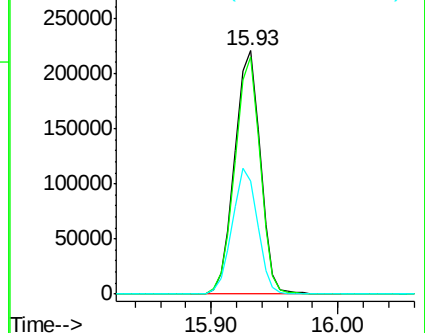
141 51.2 0.0 0.0#

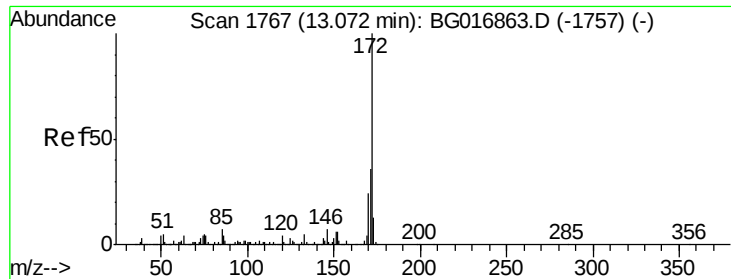


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

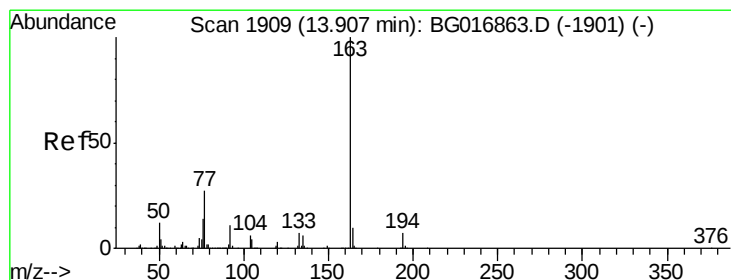
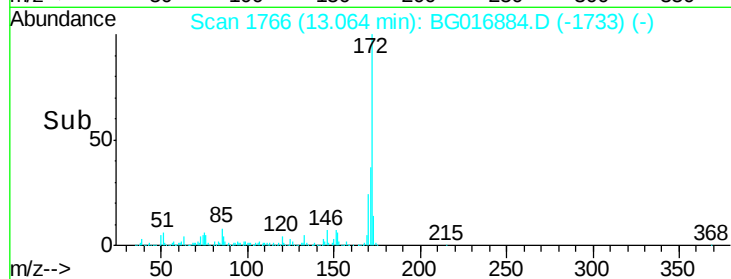
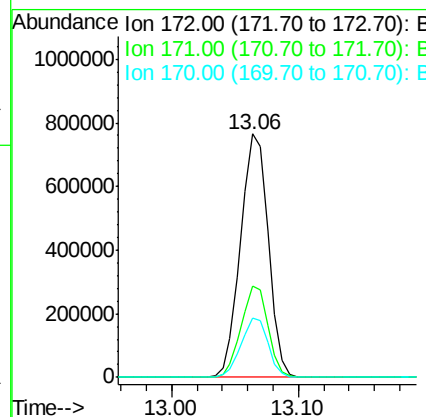
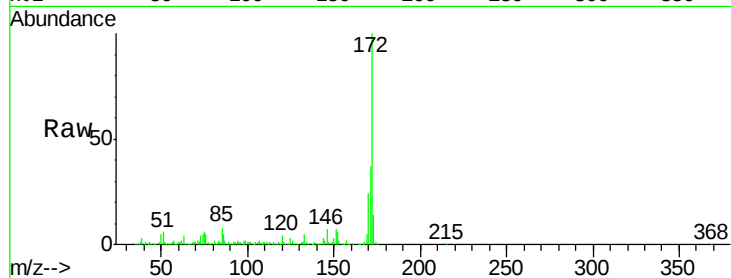




#44
2-Fluorobiphenyl
Concen: 73.89 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

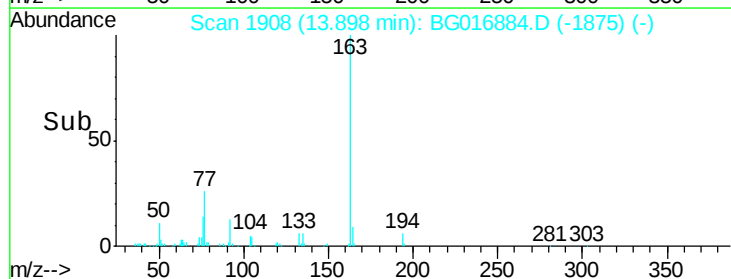
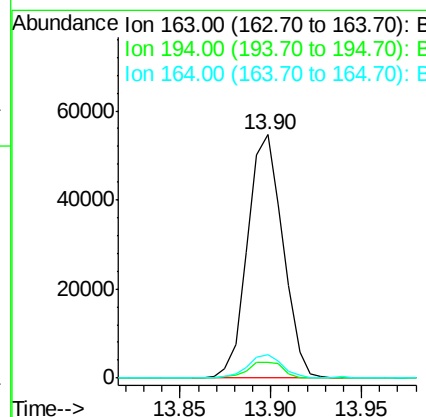
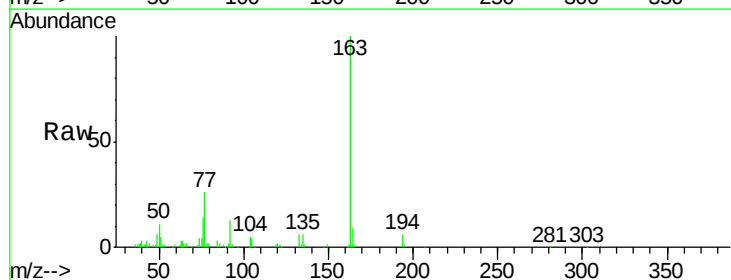
Instrument :
BNA_F
ClientSampleId :
GRID-5(12-18)

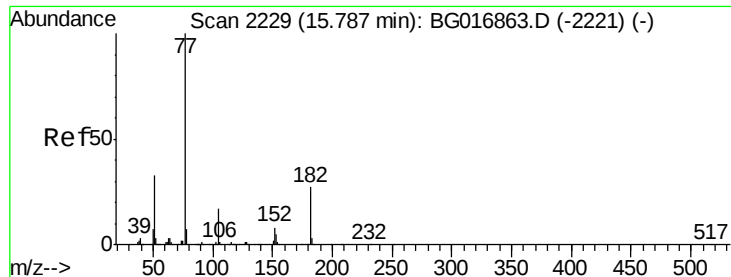
Tgt Ion:172 Resp: 1157589
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.4
170 24.1 19.0 28.4



#49
Dimethylphthalate
Concen: 4.19 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

Tgt Ion:163 Resp: 73947
Ion Ratio Lower Upper
163 100
194 6.3 5.2 7.8
164 9.5 8.4 12.6





#62

Azobenzene

Concen: 3.91 ng

RT: 15.80 min Scan# 2232

Delta R.T. 0.02 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

Instrument :

BNA_F

ClientSampleId :

GRID-5(12-18)

Tgt Ion: 77 Resp: 75482

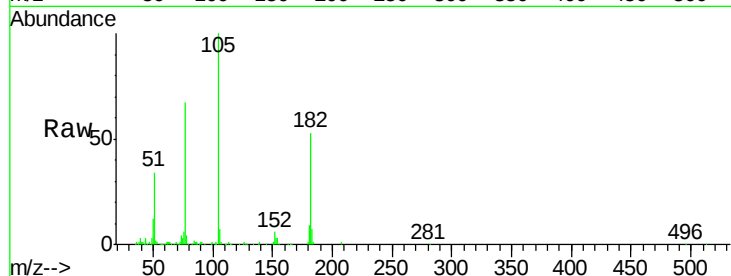
Ion Ratio Lower Upper

77 100

182 78.5 7.4 47.4#

105 148.5 0.0 36.6#

51 50.2 13.4 53.4

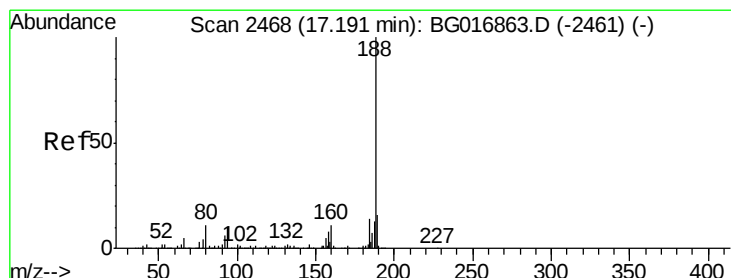
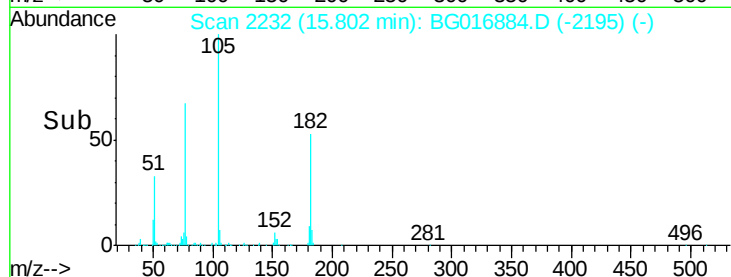
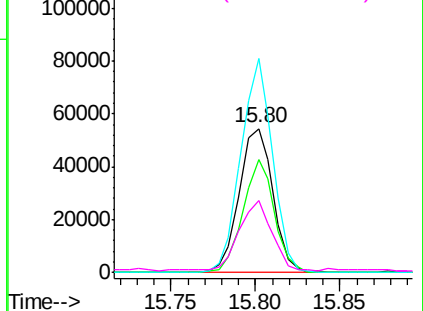


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

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. -0.01 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

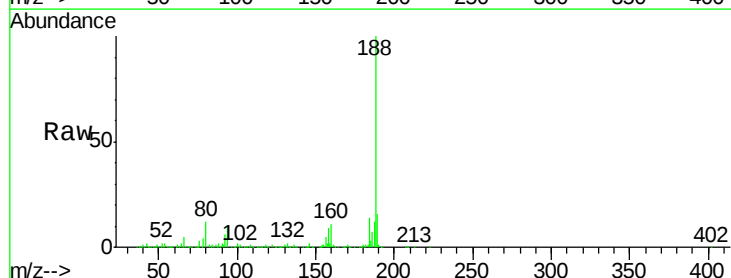
Tgt Ion: 188 Resp: 522146

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

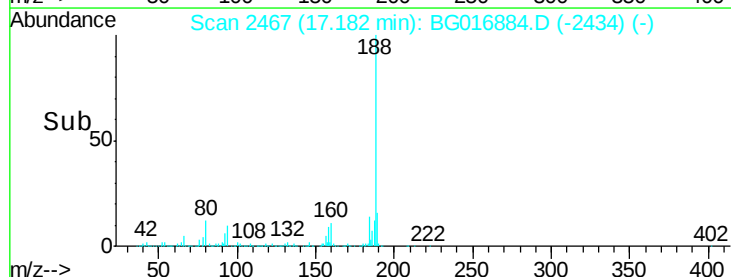
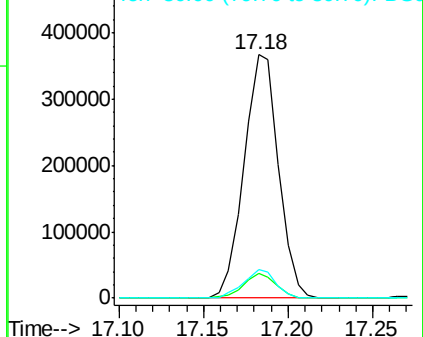
80 11.5 8.8 13.2

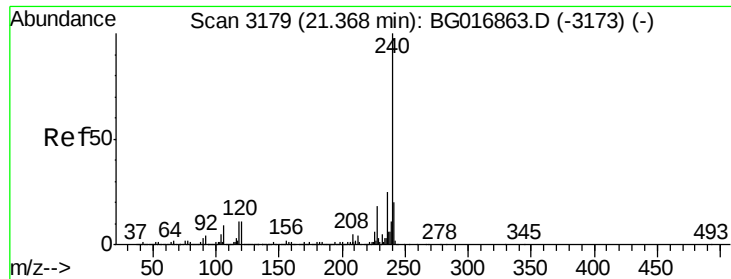


Abundance Ion 188.00 (187.70 to 188.70): BGC

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. -0.01 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

Instrument :

BNA_F

ClientSampleId :

GRID-5(12-18)

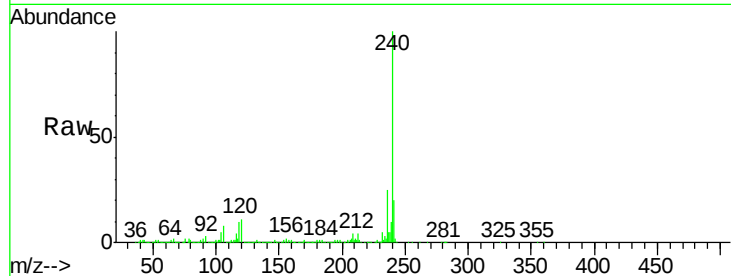
Tgt Ion:240 Resp: 539396

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

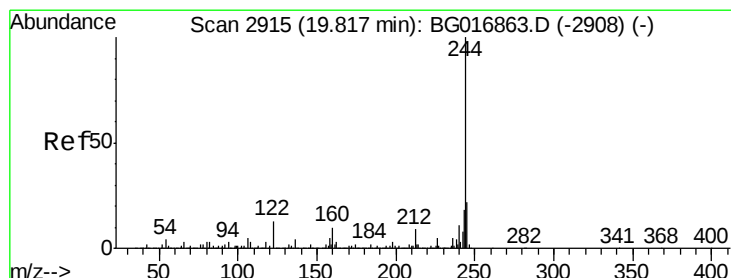
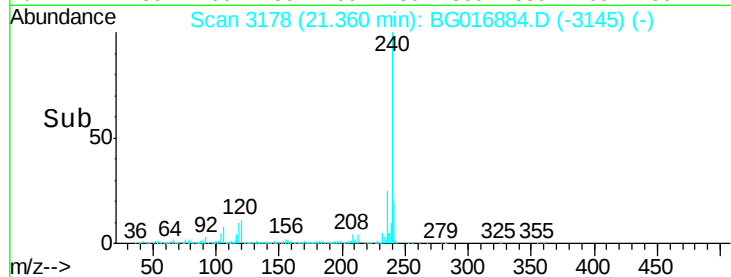
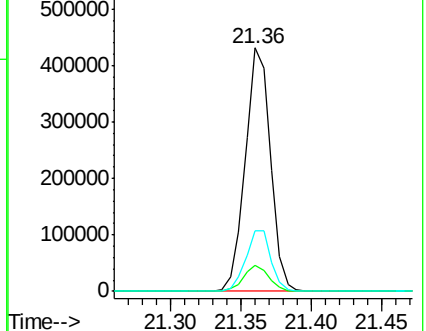
236 24.7 20.2 30.4



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: 75.44 ng

RT: 19.81 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016884.D

Acq: 6 May 2015 3:47

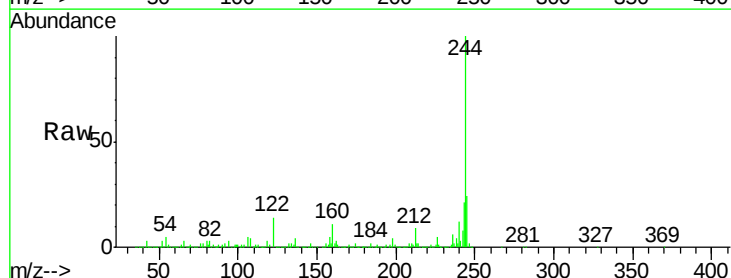
Tgt Ion:244 Resp: 1735806

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

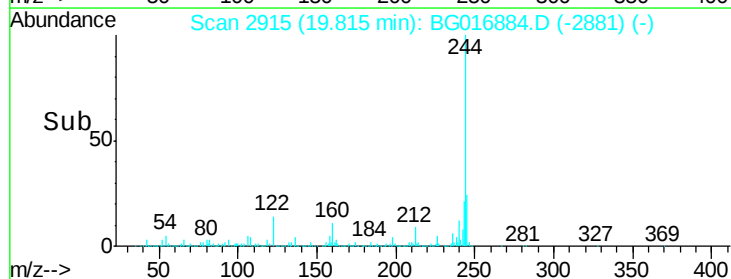
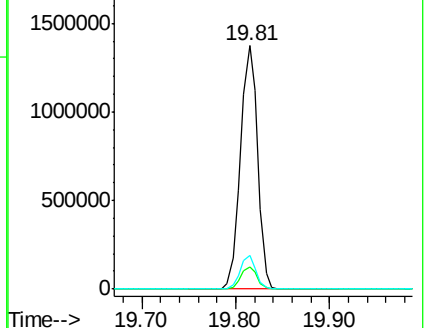
122 13.8 10.4 15.6

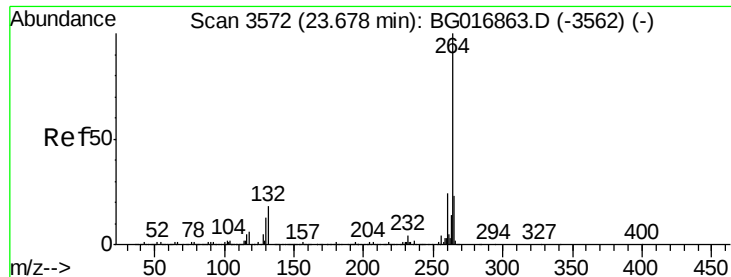


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.67 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BG016884.D
Acq: 6 May 2015 3:47

Instrument :
BNA_F
ClientSampleId :
GRID-5(12-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	22.4	18.5	27.7

