

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016885.D
 Acq On : 6 May 2015 4:22
 Operator : TP/IZ
 Sample : G2114-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-4(12-18)

Quant Time: May 06 05:16:24 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

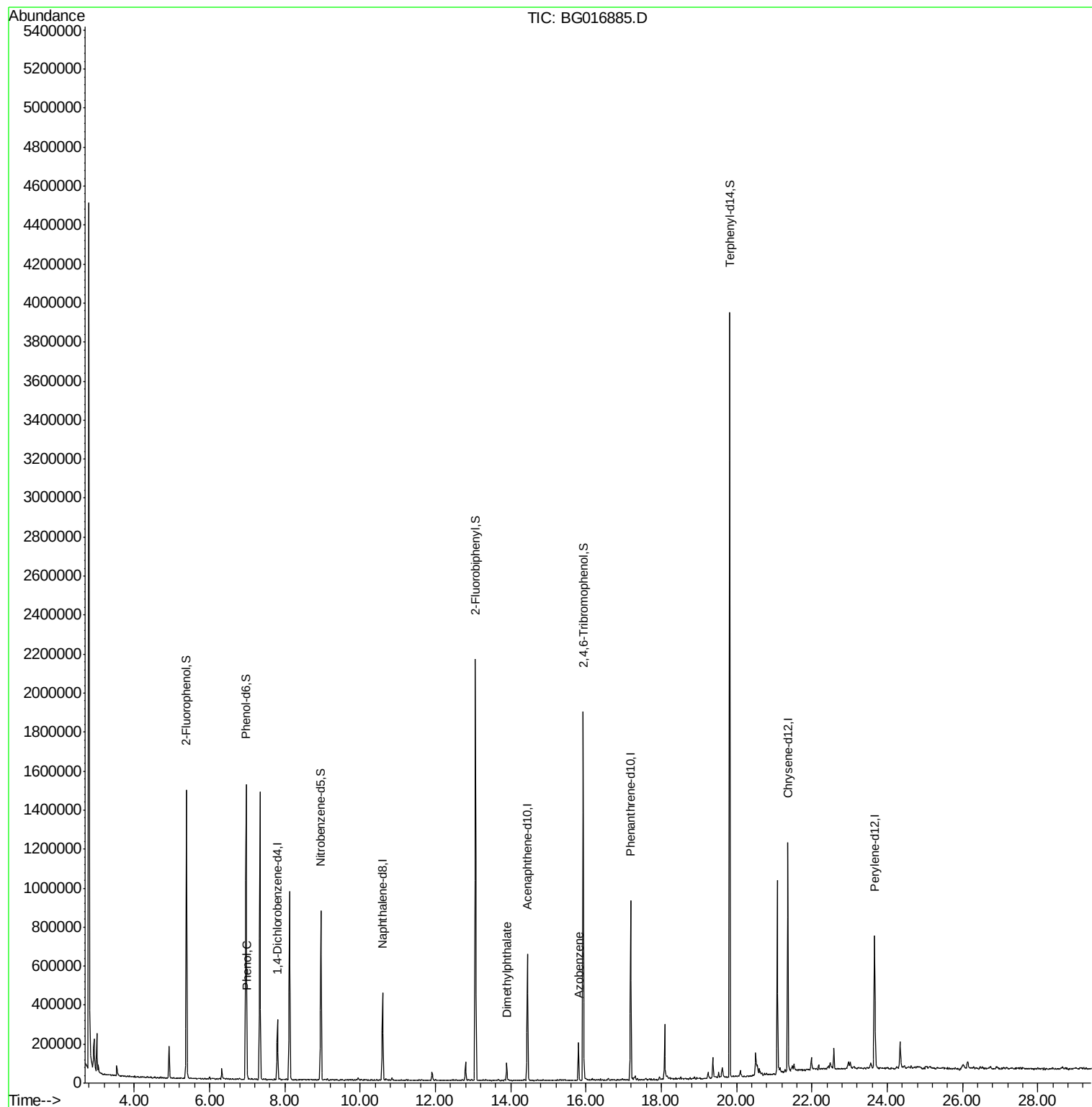
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	75275	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	324646	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	209870	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	487724	20.00	ng	0.00
75) Chrysene-d12	21.36	240	490640	20.00	ng	0.00
86) Perylene-d12	23.67	264	479123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	521045	120.53	ng	0.00
7) Phenol-d6	6.97	99	720781	116.70	ng	0.00
23) Nitrobenzene-d5	8.96	82	465776	70.09	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	260160	123.48	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	962256	69.19	ng	0.00
78) Terphenyl-d14	19.81	244	1468204	70.15	ng	0.00
Target Compounds						
10) Phenol	6.99	94	17328	2.62	ng	Qvalue 95
32) Benzoic acid	9.94	122	63	Below Cal	#	1
49) Dimethylphthalate	13.90	163	49646	3.17	ng	# 93
62) Azobenzene	15.80	77	51643	3.01	ng	# 1

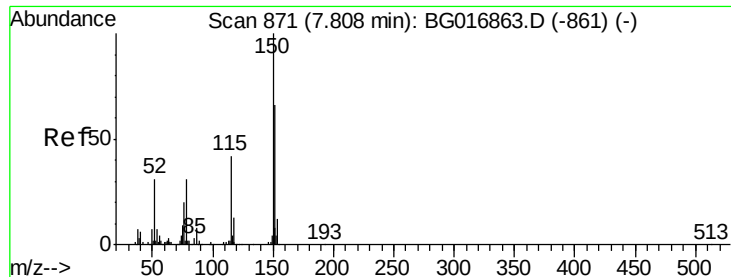
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016885.D
Acq On : 6 May 2015 4:22
Operator : TP/IZ
Sample : G2114-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-4(12-18)

Quant Time: May 06 05:16:24 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



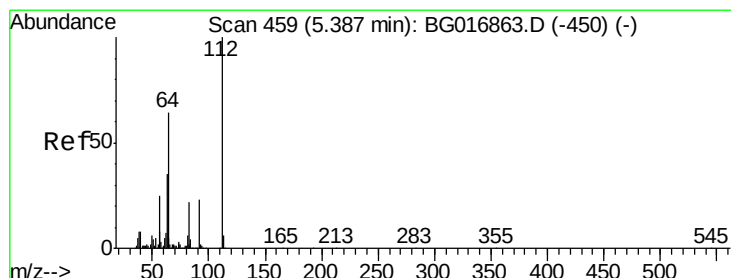
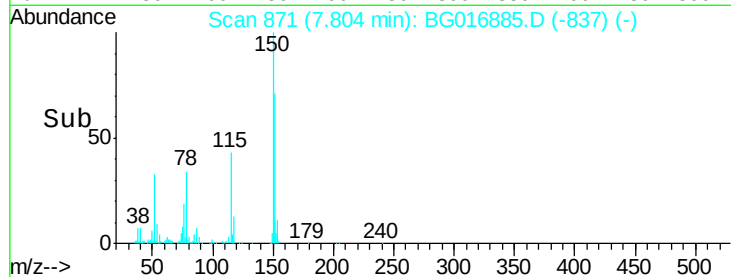
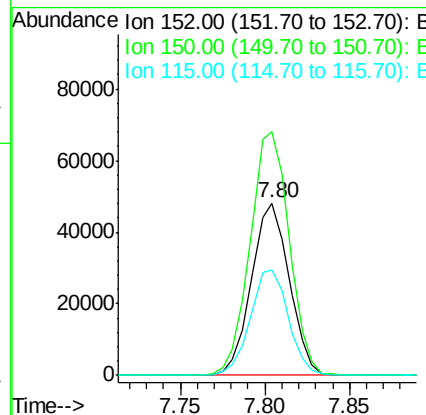
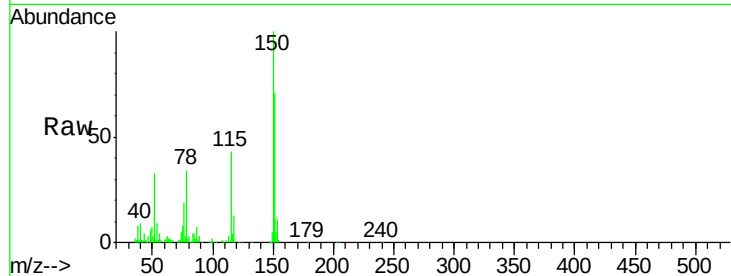


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Instrument :
BNA_F
ClientSampleId :
GRID-4(12-18)

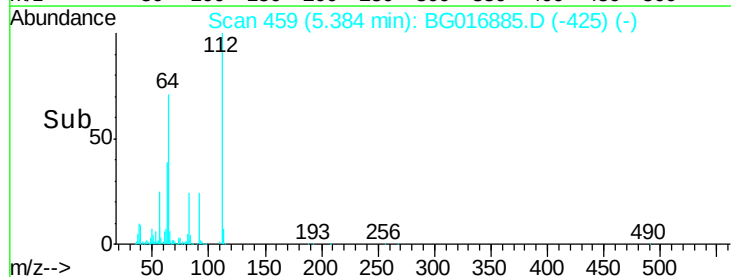
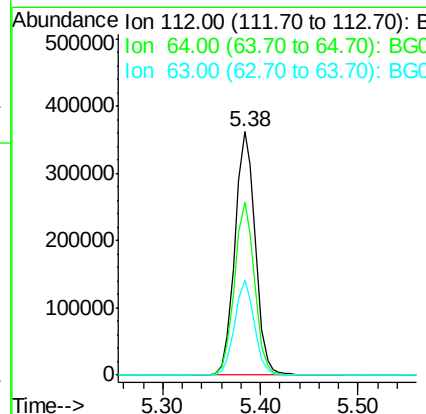
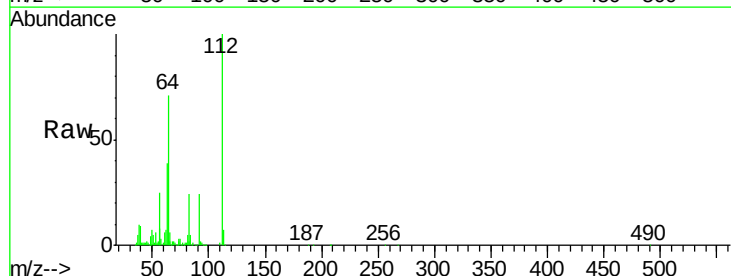
Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.2	121.0	181.4
115	61.4	50.5	75.7

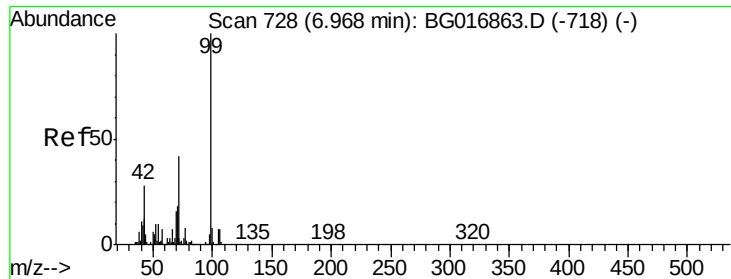


#5

2-Fluorophenol
Concen: 120.53 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	51.4	77.2
63	38.9	28.1	42.1





#7

Phenol-d6

Concen: 116.70 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016885.D

Acq: 6 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

GRID-4(12-18)

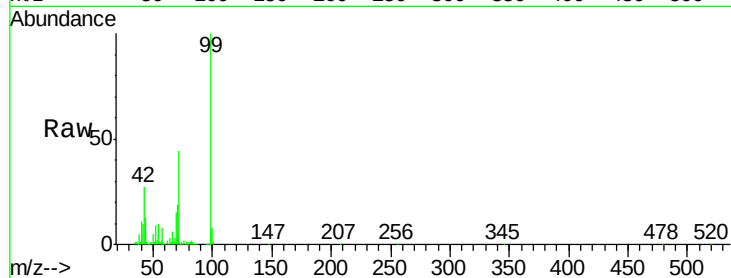
Tgt Ion: 99 Resp: 720781

Ion Ratio Lower Upper

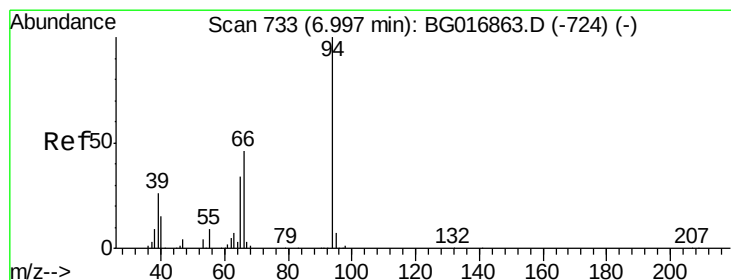
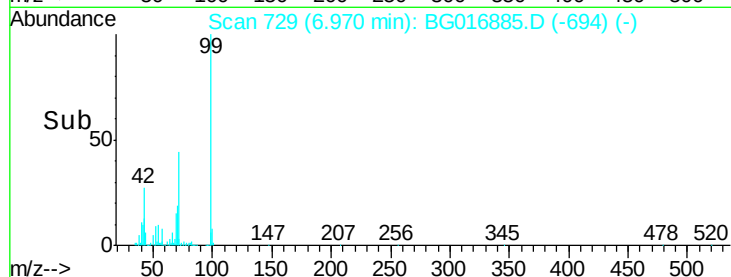
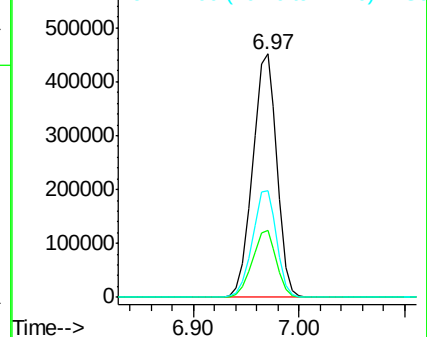
99 100

42 27.3 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



#10

Phenol

Concen: 2.62 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG016885.D

Acq: 6 May 2015 4:22

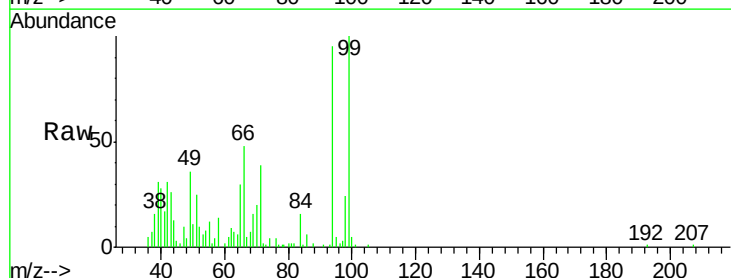
Tgt Ion: 94 Resp: 17328

Ion Ratio Lower Upper

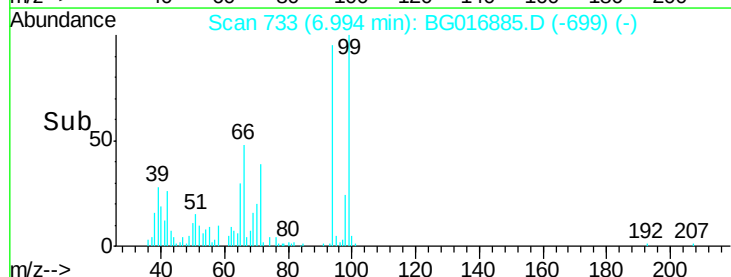
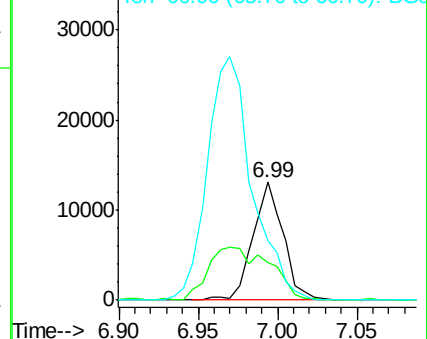
94 100

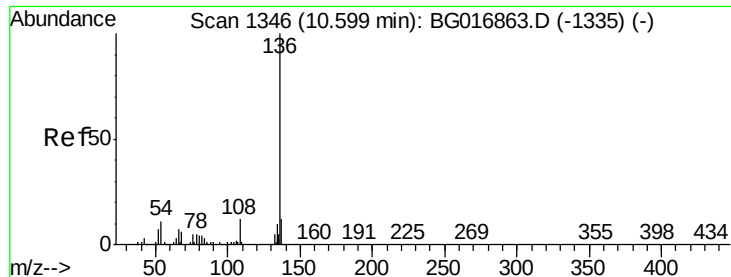
65 31.4 14.3 54.3

66 50.3 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

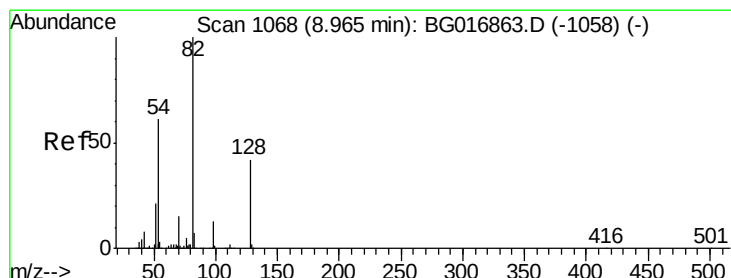
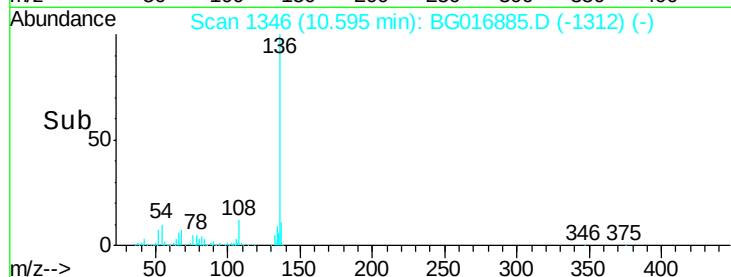
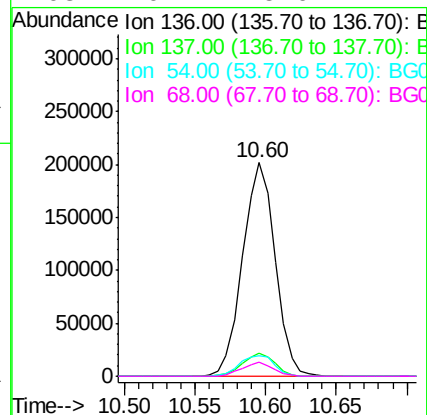
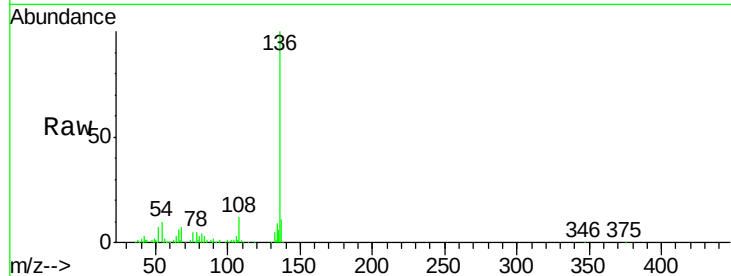




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

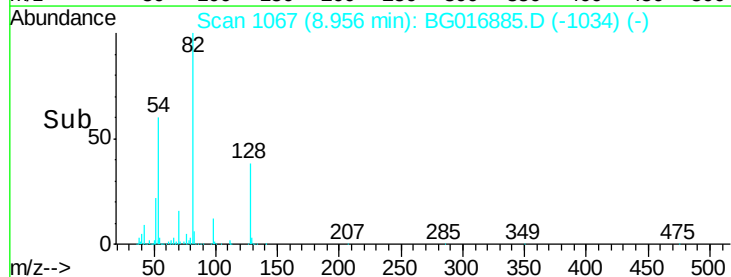
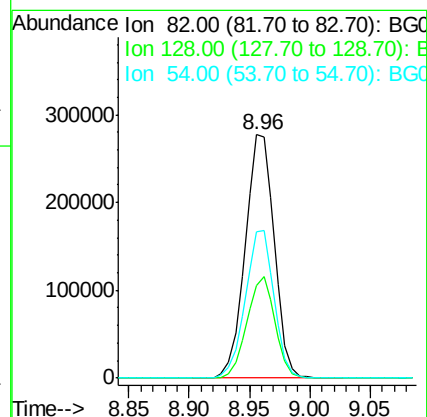
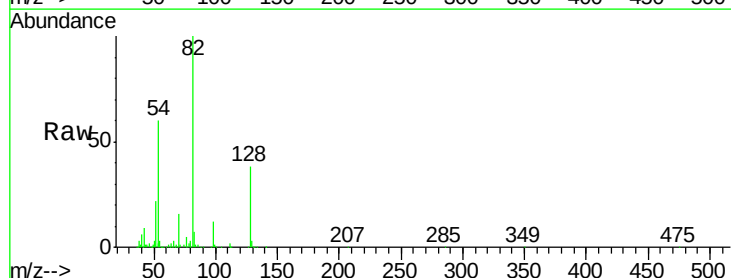
Instrument :
BNA_F
ClientSampleId :
GRID-4(12-18)

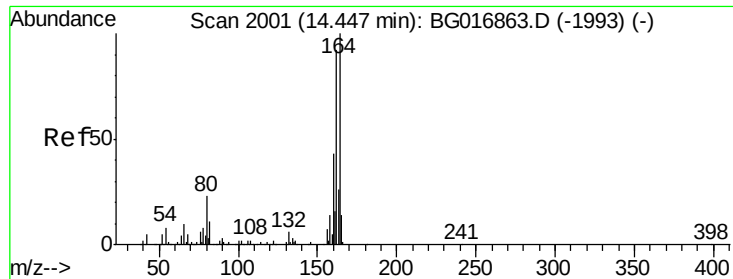
Tgt Ion:	136	Resp:	324646
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.7	8.7	13.1
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.09 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:	82	Resp:	465776
Ion	Ratio	Lower	Upper
82	100		
128	38.2	33.2	49.8
54	59.9	48.6	72.8

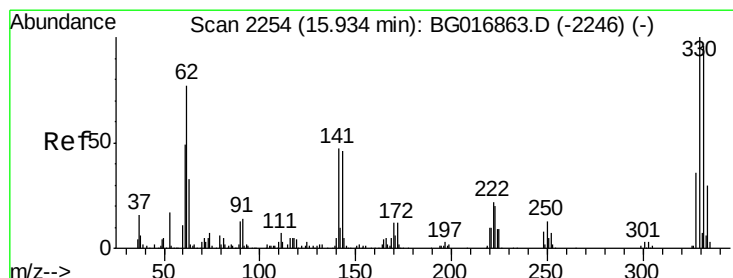
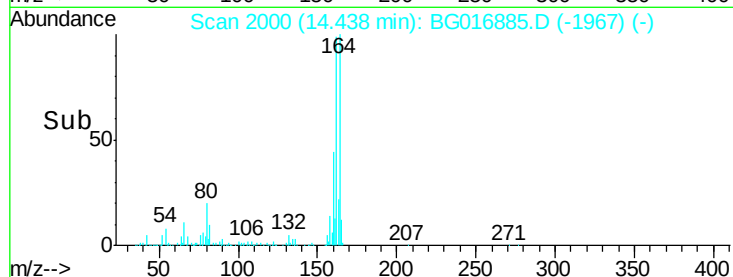
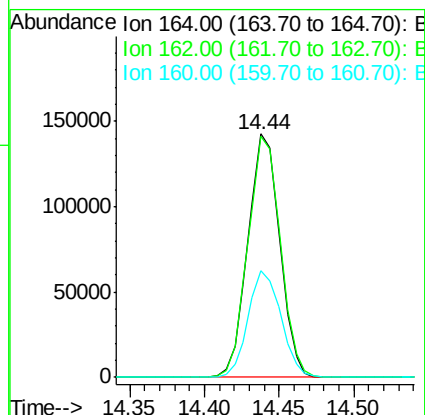
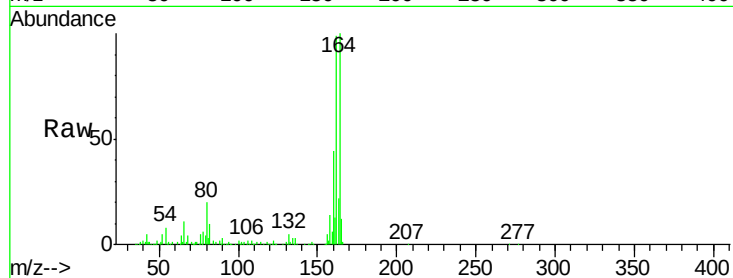




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BG016885.D
 Acq: 6 May 2015 4:22

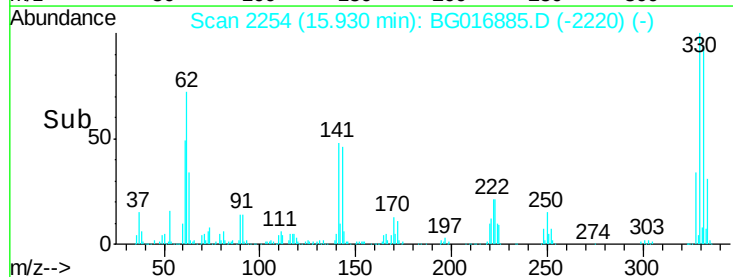
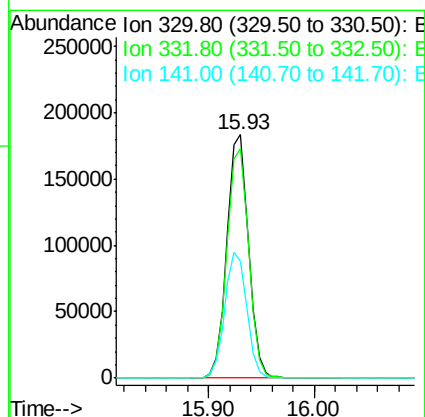
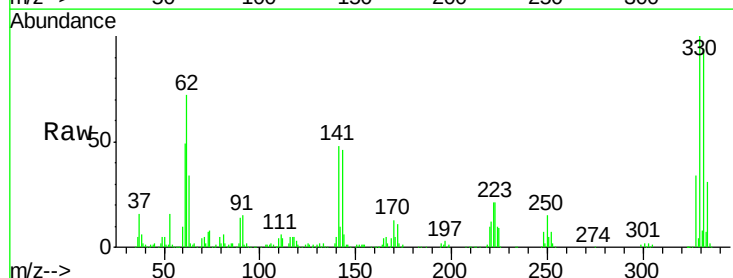
Instrument :
 BNA_F
 ClientSampleId :
 GRID-4(12-18)

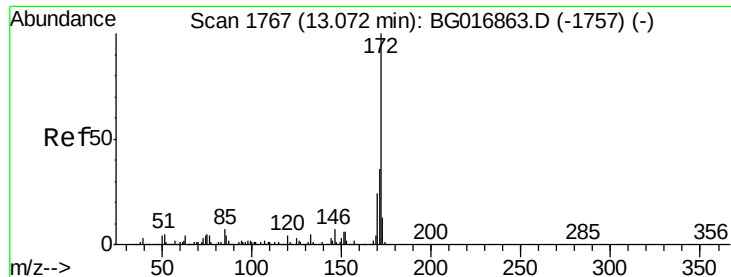
Tgt Ion:164 Resp: 209870
 Ion Ratio Lower Upper
 164 100
 162 99.0 74.0 111.0
 160 43.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 123.48 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016885.D
 Acq: 6 May 2015 4:22

Tgt Ion:330 Resp: 260160
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 52.5 0.0 0.0#

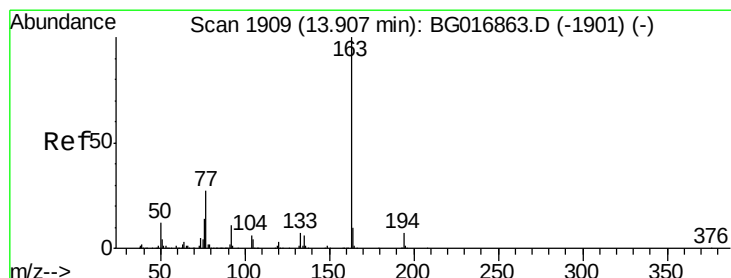
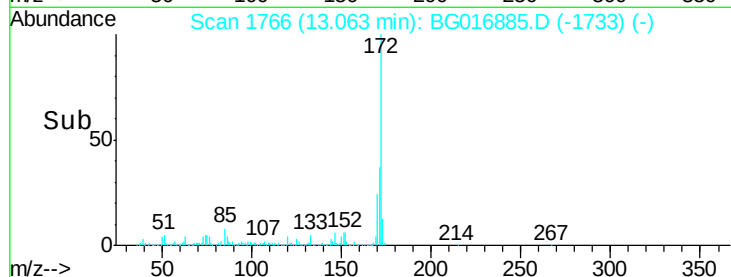
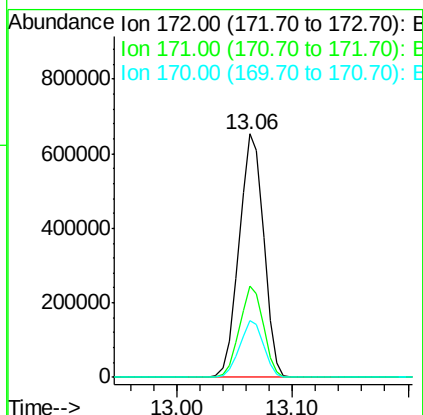
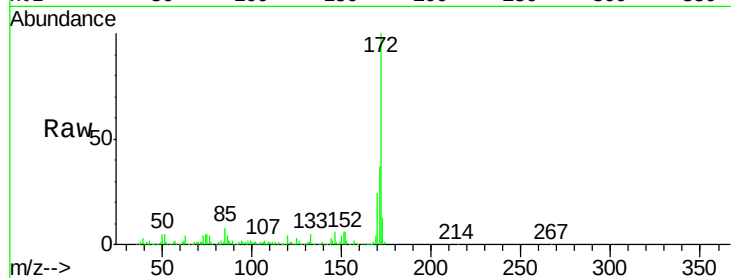




#44
2-Fluorobiphenyl
Concen: 69.19 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

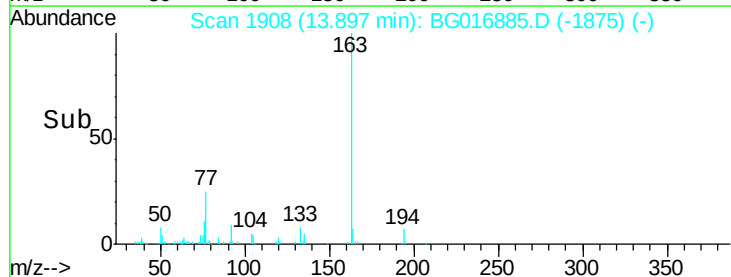
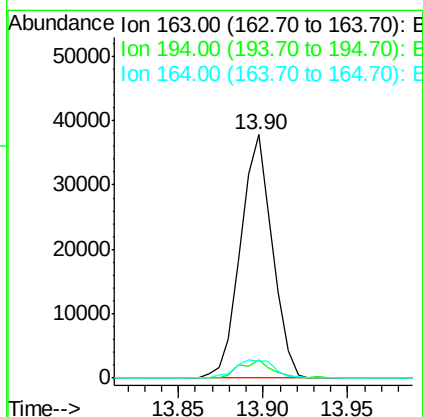
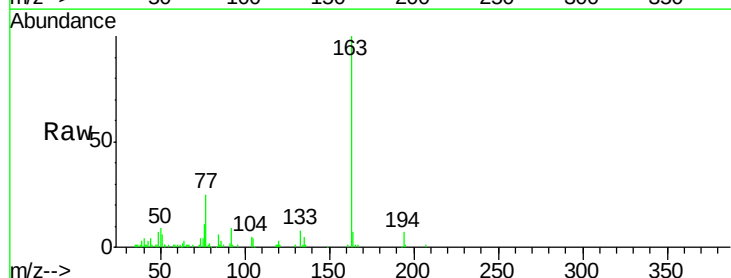
Instrument :
BNA_F
ClientSampleId :
GRID-4(12-18)

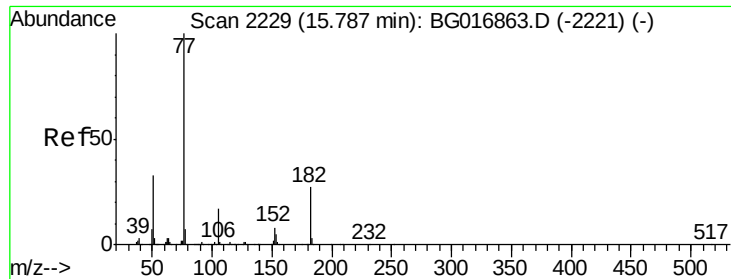
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.4
170	23.6	19.0	28.4



#49
Dimethylphthalate
Concen: 3.17 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.5	5.2	7.8
164	6.8	8.4	12.6





#62

Azobenzene

Concen: 3.01 ng

RT: 15.80 min Scan# 2232

Delta R.T. 0.02 min

Lab File: BG016885.D

Acq: 6 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

GRID-4(12-18)

Tgt Ion: 77 Resp: 51643

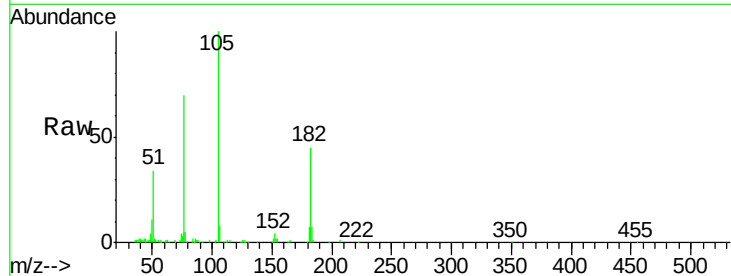
Ion Ratio Lower Upper

77 100

182 65.2 7.4 47.4#

105 143.7 0.0 36.6#

51 48.1 13.4 53.4

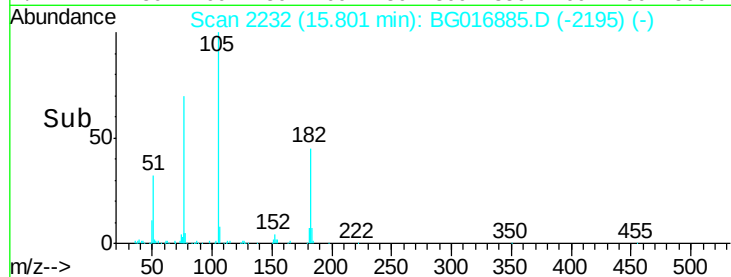


Abundance Ion 77.00 (76.70 to 77.70): BG016885.D (-2195) (-)

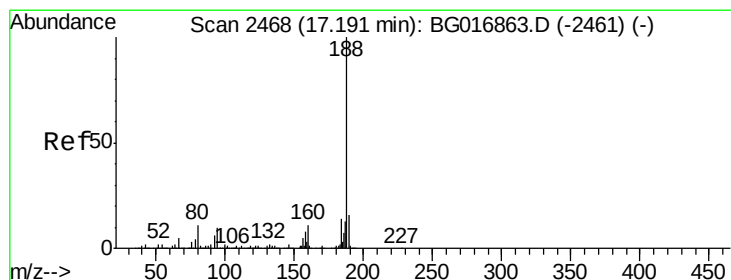
Ion 182.00 (181.70 to 182.70): BG016885.D (-2195) (-)

Ion 105.00 (104.70 to 105.70): BG016885.D (-2195) (-)

Ion 51.00 (50.70 to 51.70): BG016885.D (-2195) (-)



Time--> 15.70 15.80



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016885.D

Acq: 6 May 2015 4:22

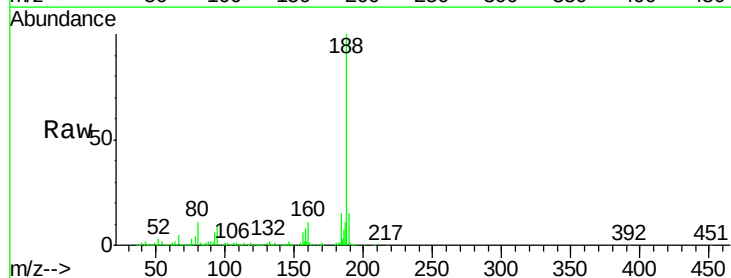
Tgt Ion: 188 Resp: 487724

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

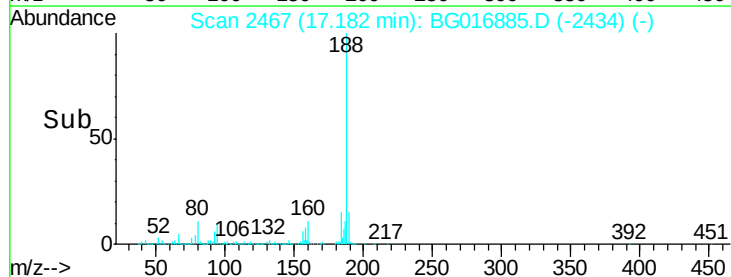
80 10.6 8.8 13.2



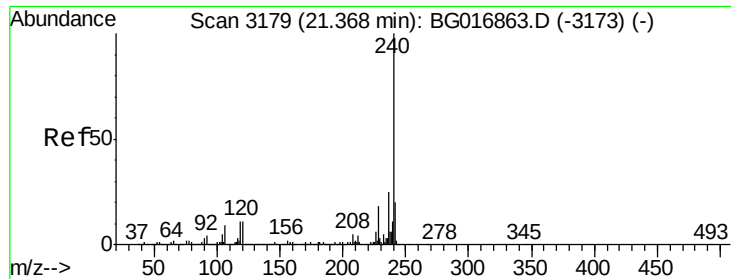
Abundance Ion 188.00 (187.70 to 188.70): BG016885.D (-2434) (-)

Ion 94.00 (93.70 to 94.70): BG016885.D (-2434) (-)

Ion 80.00 (79.70 to 80.70): BG016885.D (-2434) (-)



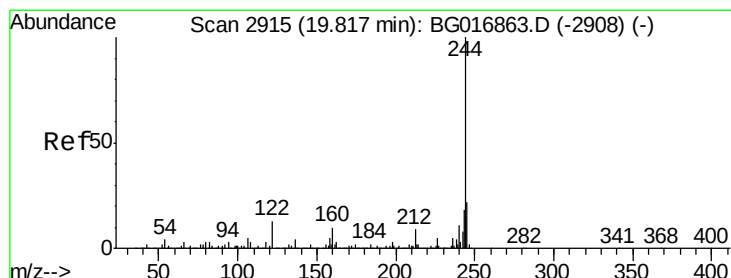
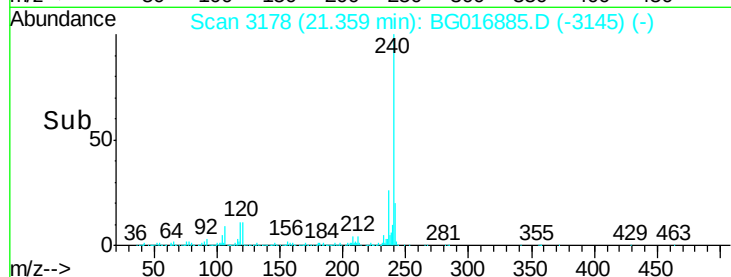
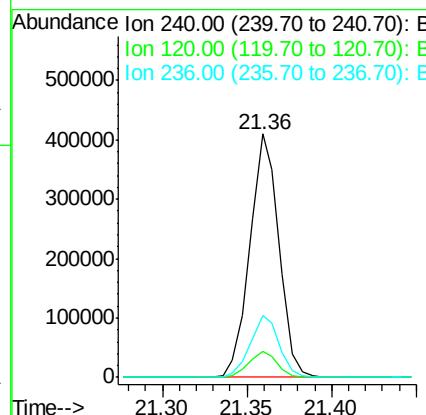
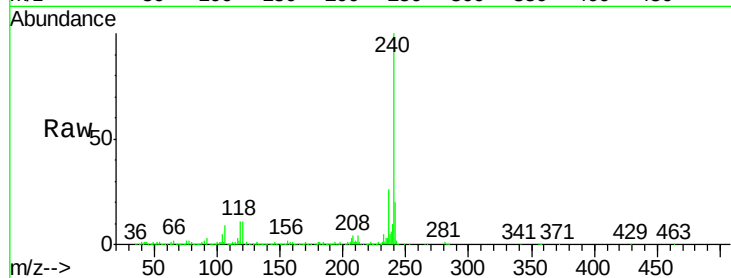
Time--> 17.10 17.15 17.20 17.25



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.36 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG016885.D
 Acq: 6 May 2015 4:22

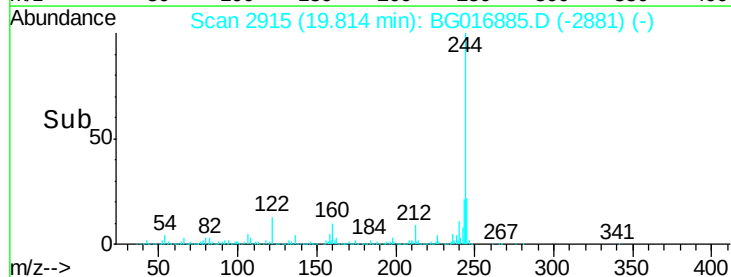
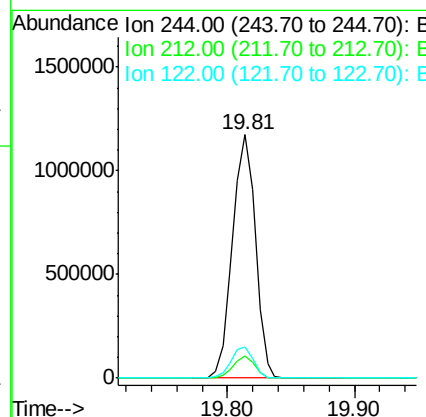
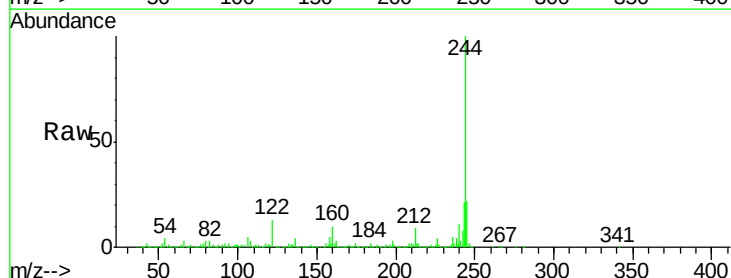
Instrument :
 BNA_F
 ClientSampleId :
 GRID-4(12-18)

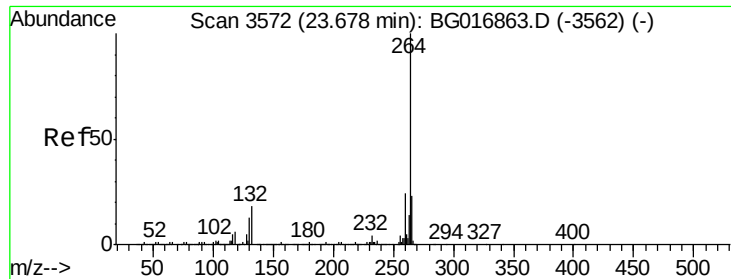
Tgt Ion:240 Resp: 490640
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.1 13.7
 236 25.5 20.2 30.4



#78
 Terphenyl-d14
 Concen: 70.15 ng
 RT: 19.81 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG016885.D
 Acq: 6 May 2015 4:22

Tgt Ion:244 Resp: 1468204
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.6
 122 12.9 10.4 15.6

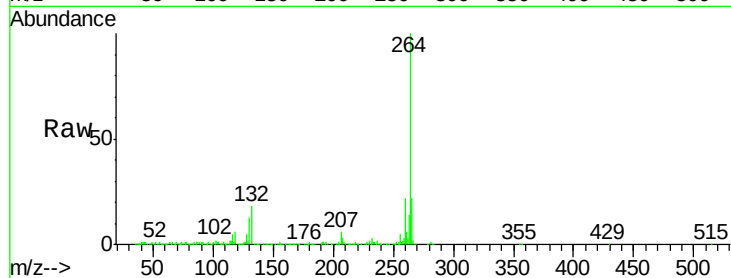




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Instrument :
BNA_F
ClientSampleId :
GRID-4(12-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	22.0	18.5	27.7



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

