

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050515\
 Data File : BG016888.D
 Acq On : 6 May 2015 6:06
 Operator : TP/IZ
 Sample : PB83190BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83190BL

Quant Time: May 06 07:22:43 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 07:03:36 2015
 Response via : Initial Calibration

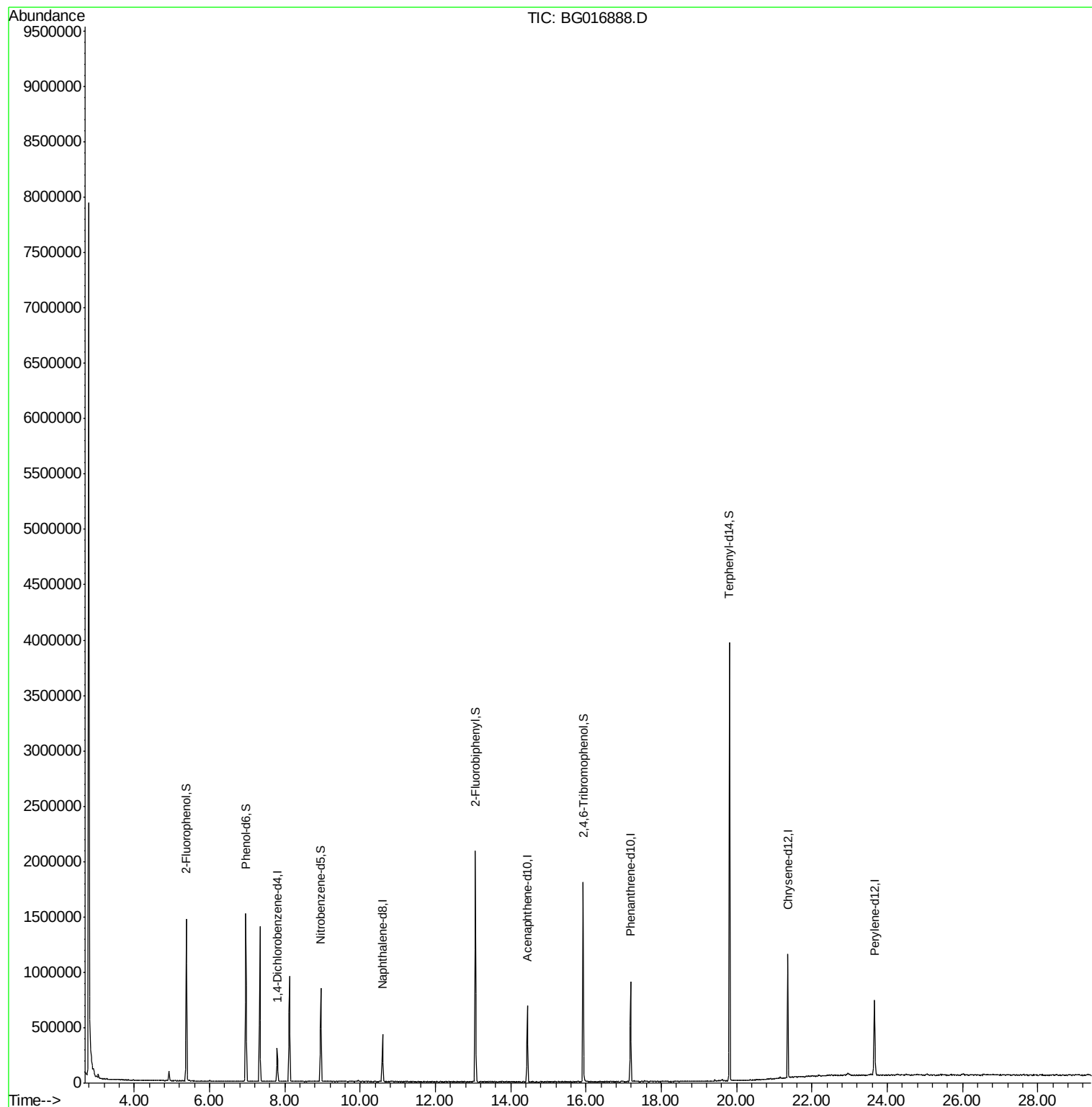
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	73574	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	319874	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	213289	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	485603	20.00	ng	0.00
75) Chrysene-d12	21.36	240	475747	20.00	ng	0.00
86) Perylene-d12	23.66	264	468364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	516640	122.27	ng	0.00
7) Phenol-d6	6.97	99	709132	117.47	ng	0.00
23) Nitrobenzene-d5	8.96	82	440459	67.27	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	242570	113.29	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	944482	66.82	ng	0.00
78) Terphenyl-d14	19.81	244	1457278	71.81	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	98	Below Cal	Qvalue #	1

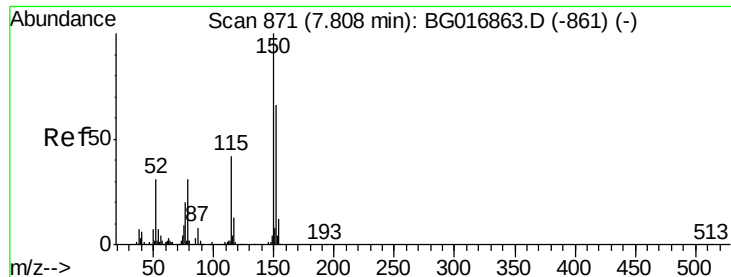
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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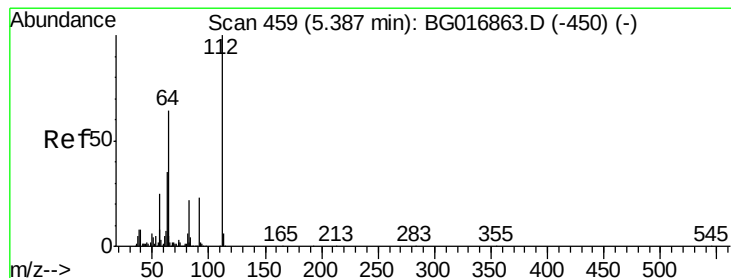
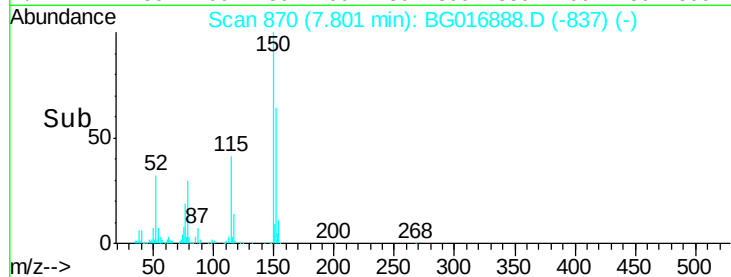
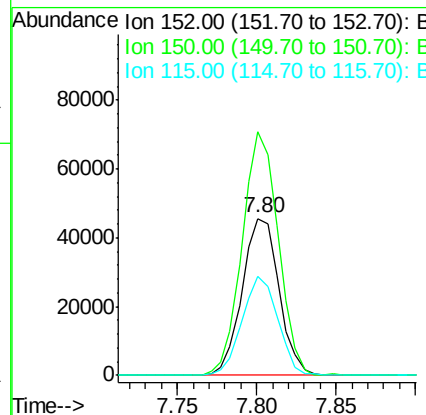
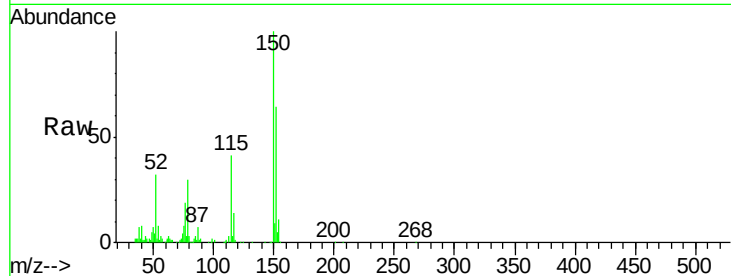


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG016888.D
Acq: 6 May 2015 6:06

Instrument :
BNA_F
ClientSampleId :
PB83190BL

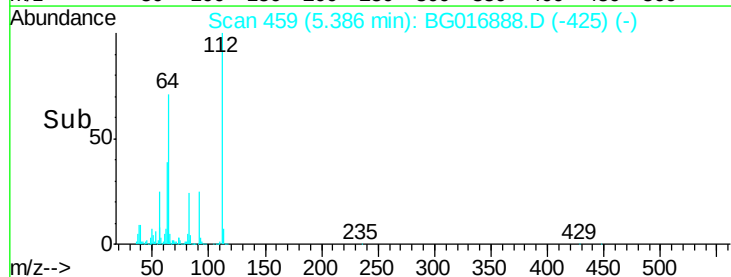
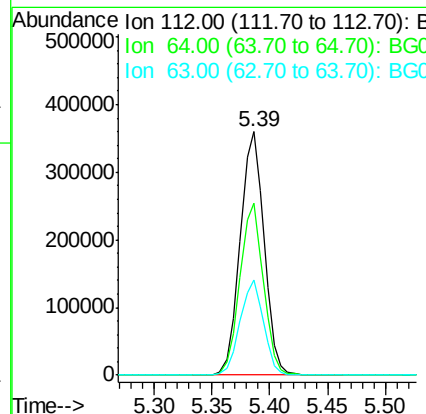
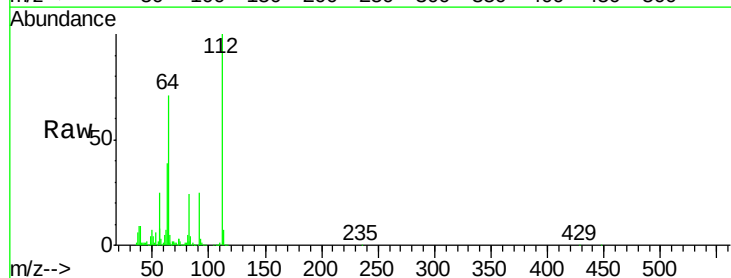
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.0	181.4
115	62.9	50.5	75.7

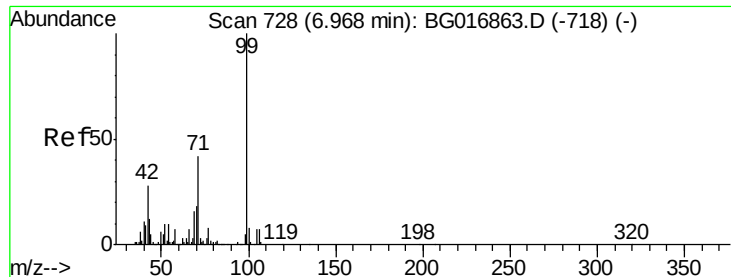


#5

2-Fluorophenol
Concen: 122.27 ng
RT: 5.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016888.D
Acq: 6 May 2015 6:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	51.4	77.2
63	39.2	28.1	42.1





#7

Phenol-d6

Concen: 117.47 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016888.D

Acq: 6 May 2015 6:06

Instrument :

BNA_F

ClientSampleId :

PB83190BL

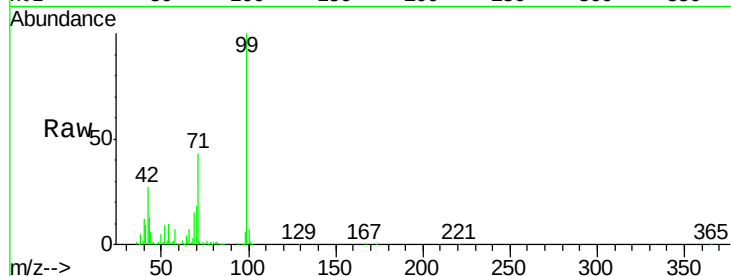
Tgt Ion: 99 Resp: 709132

Ion Ratio Lower Upper

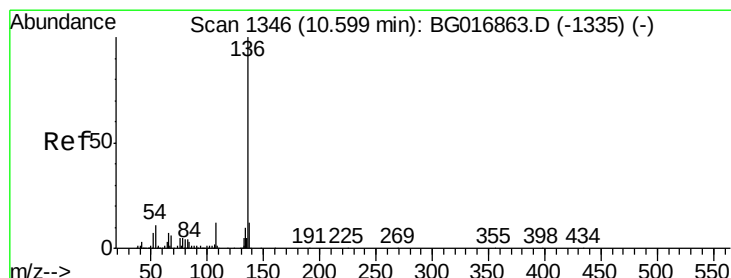
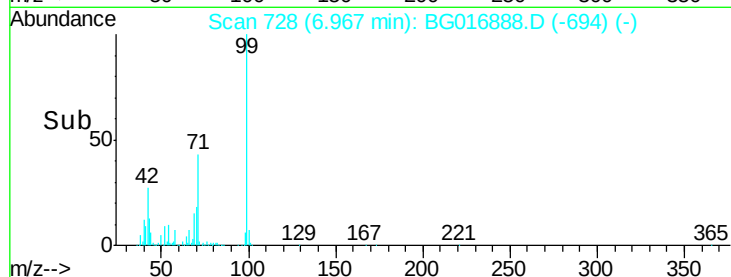
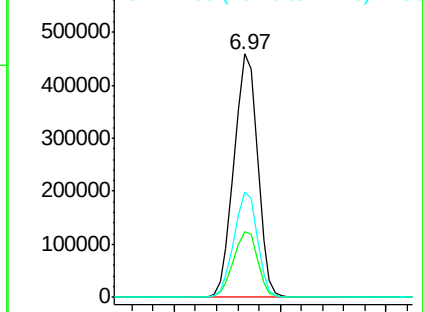
99 100

42 27.2 22.1 33.1

71 43.3 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: BG016888.D

Acq: 6 May 2015 6:06

Tgt Ion: 136 Resp: 319874

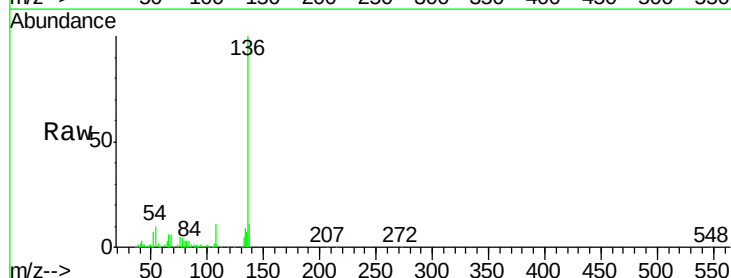
Ion Ratio Lower Upper

136 100

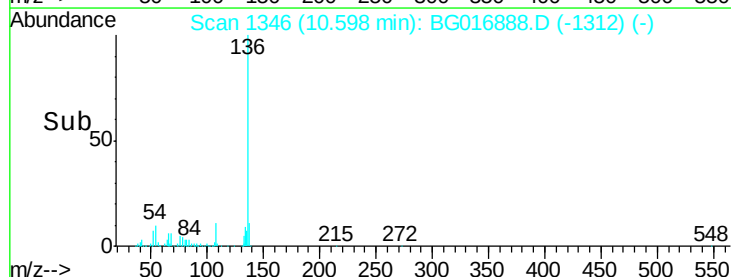
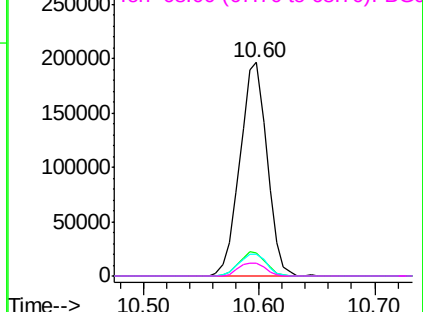
137 10.7 9.8 14.8

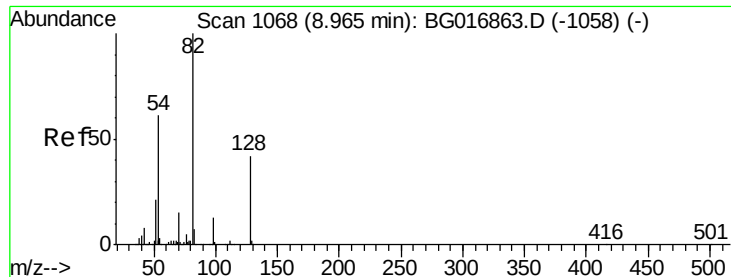
54 9.9 8.7 13.1

68 6.2 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

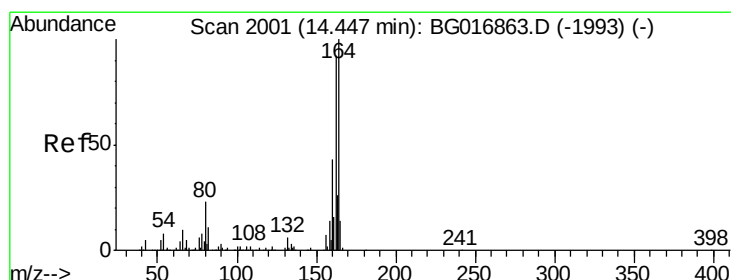
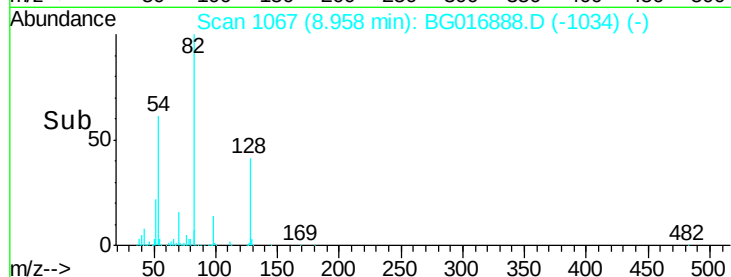
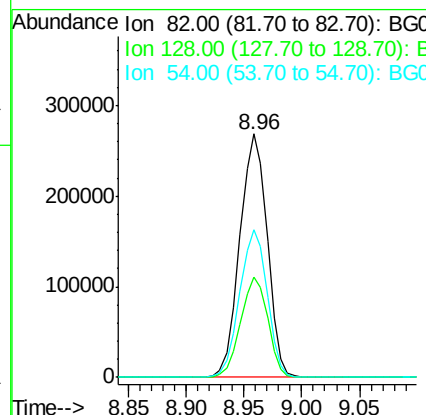
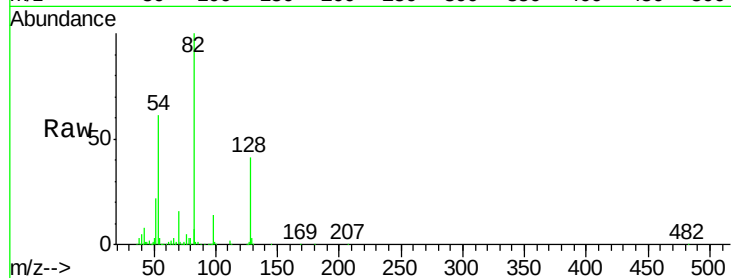




#23
 Nitrobenzene-d5
 Concen: 67.27 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016888.D
 Acq: 6 May 2015 6:06

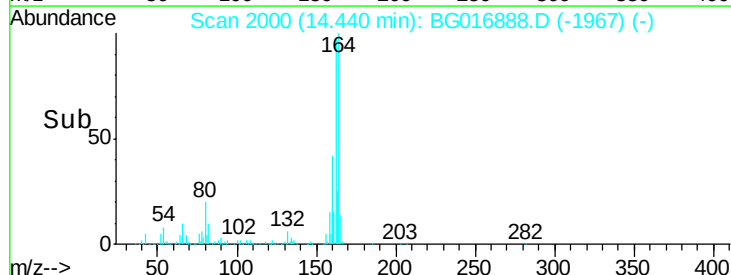
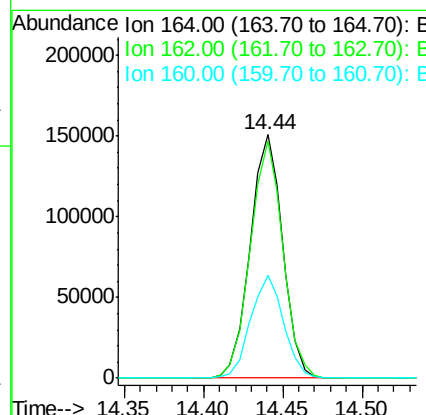
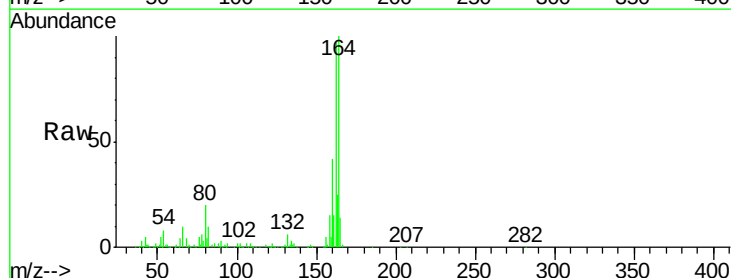
Instrument :
 BNA_F
 ClientSampleId :
 PB83190BL

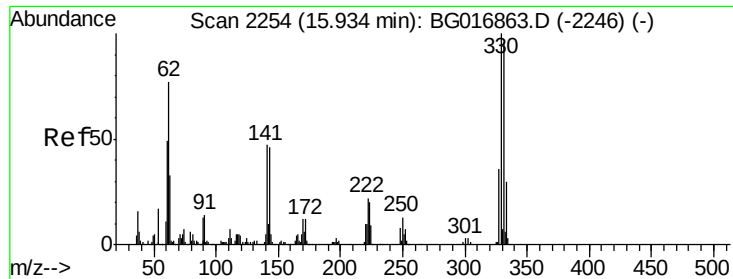
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.2	49.8
54	60.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016888.D
 Acq: 6 May 2015 6:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	74.0	111.0
160	42.4	34.7	52.1

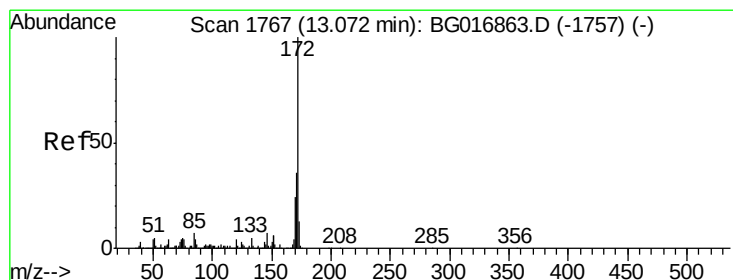
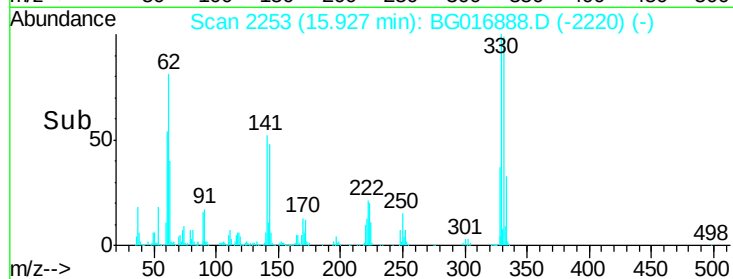
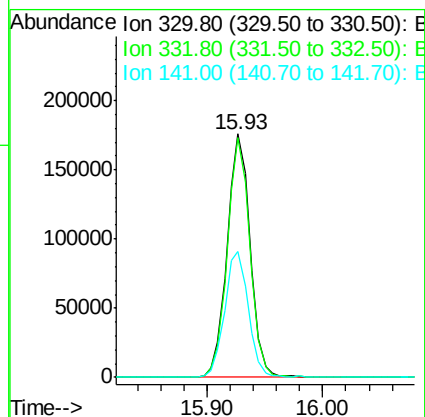
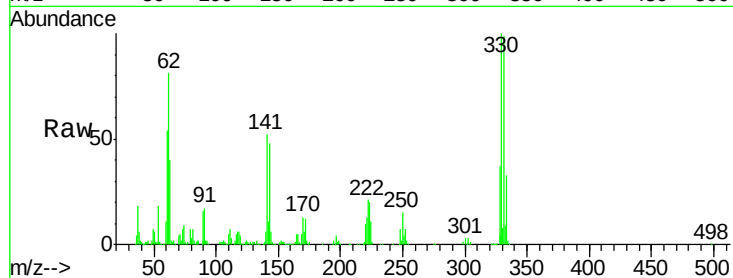




#41
 2,4,6-Tribromophenol
 Concen: 113.29 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016888.D
 Acq: 6 May 2015 6:06

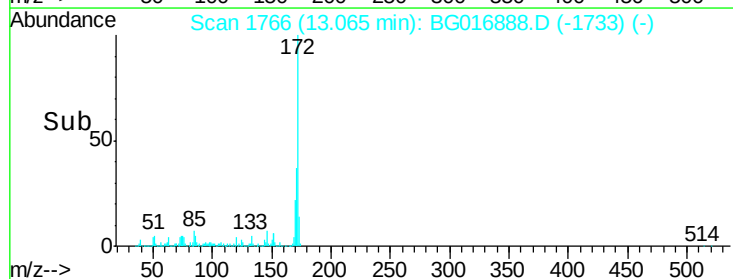
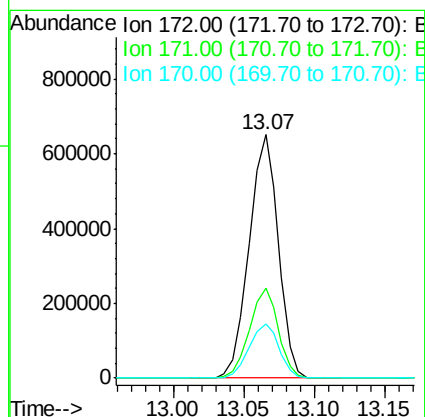
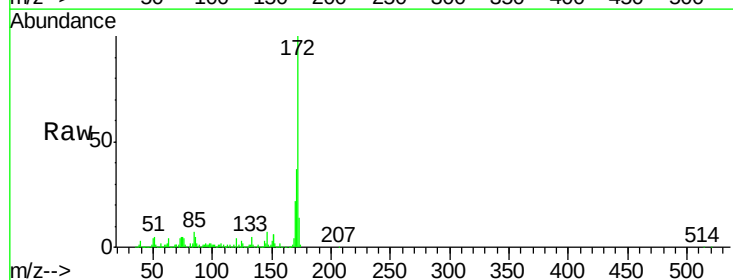
Instrument :
 BNA_F
 ClientSampleId :
 PB83190BL

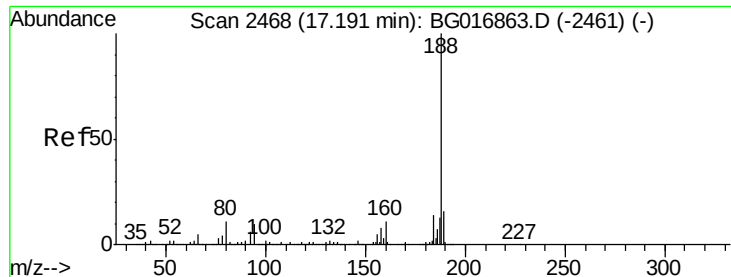
Tgt Ion:330 Resp: 242570
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 53.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 66.82 ng
 RT: 13.07 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016888.D
 Acq: 6 May 2015 6:06

Tgt Ion:172 Resp: 944482
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.4
 170 22.4 19.0 28.4

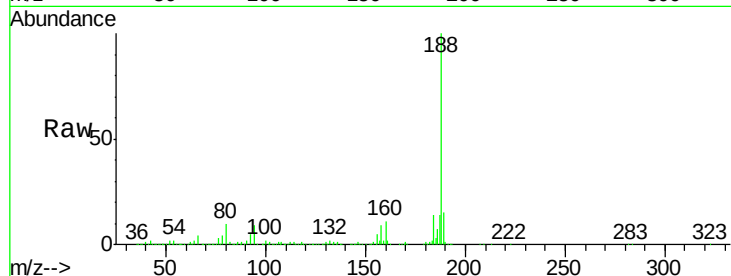




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016888.D
Acq: 6 May 2015 6:06

Instrument :
BNA_F
ClientSampleId :
PB83190BL

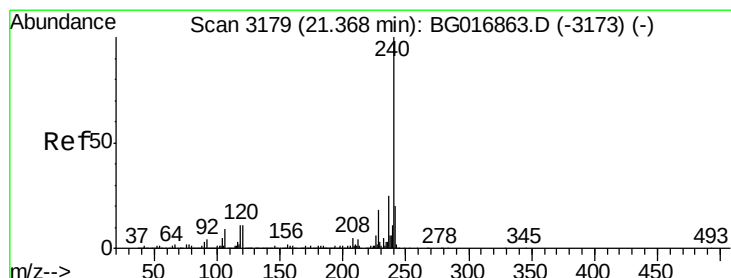
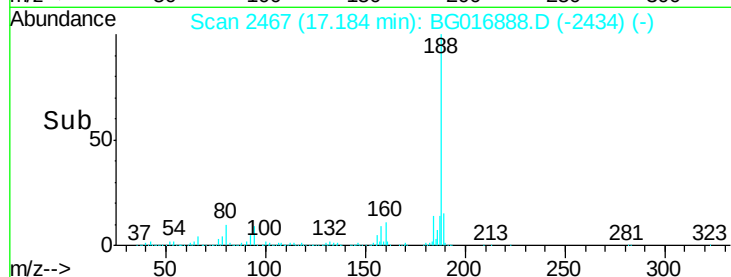
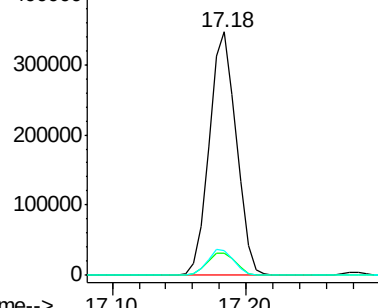
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	485603		
94	9.3		8.2	12.4
80	10.4		8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

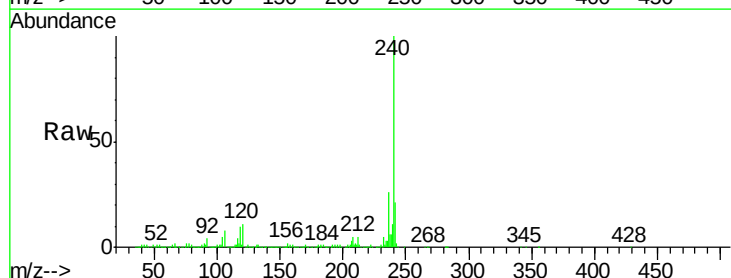
Ion 94.00 (93.70 to 94.70): BGC

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: BG016888.D
Acq: 6 May 2015 6:06

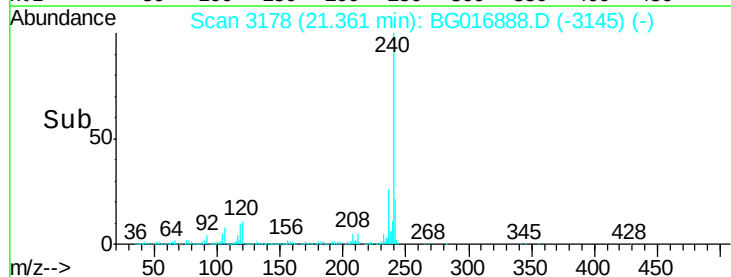
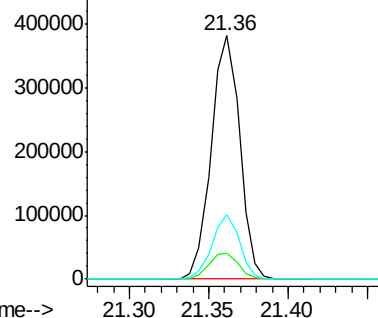
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	475747		
120	10.9		9.1	13.7
236	26.3		20.2	30.4

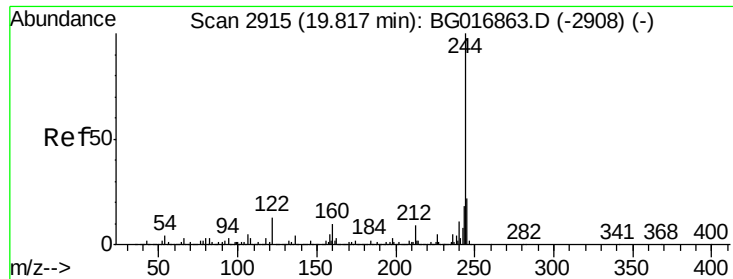


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.81 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016888.D

Acq: 6 May 2015 6:06

Instrument :

BNA_F

ClientSampleId :

PB83190BL

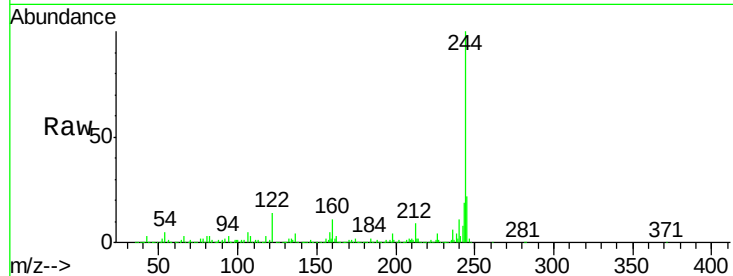
Tgt Ion:244 Resp: 1457278

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

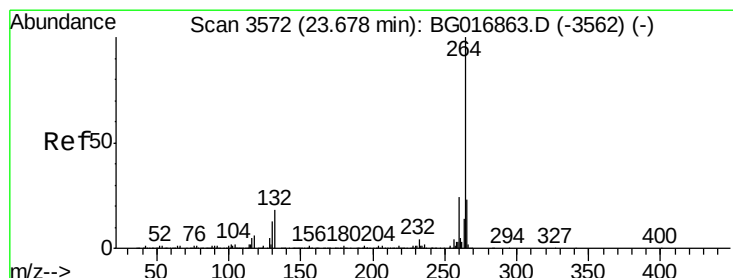
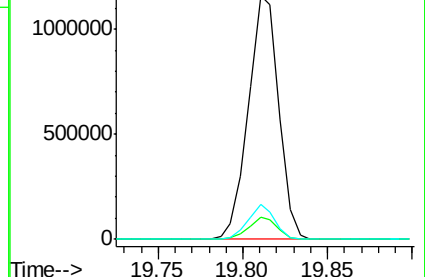
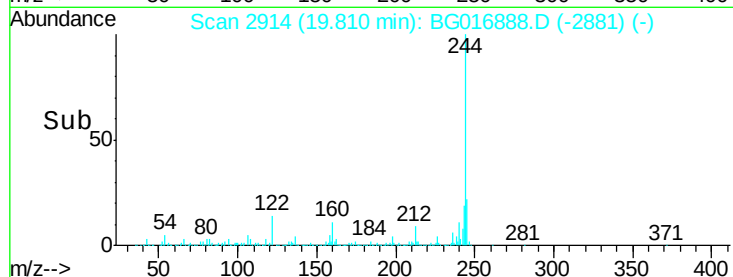
122 14.1 10.4 15.6



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: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016888.D

Acq: 6 May 2015 6:06

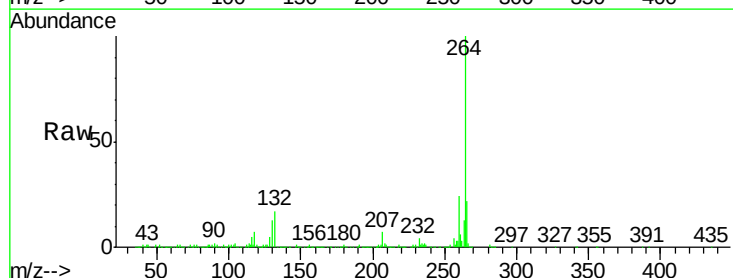
Tgt Ion:264 Resp: 468364

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.4 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

