

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016956.D
 Acq On : 8 May 2015 14:49
 Operator : TP/IZ
 Sample : G2058-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEM-8

Quant Time: May 09 00:04:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

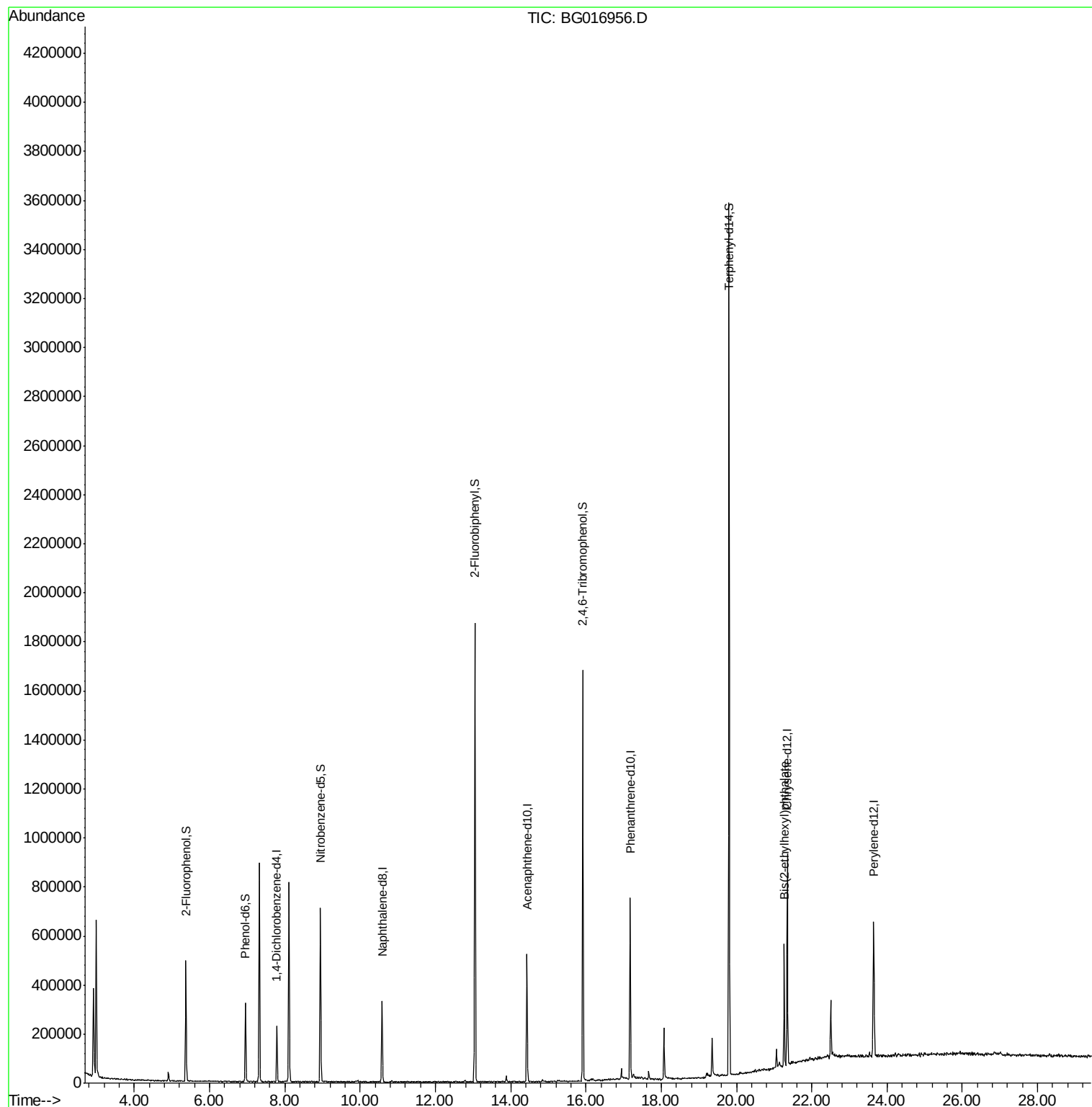
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	52785	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	238747	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165405	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	389248	20.00	ng	0.00
75) Chrysene-d12	21.35	240	384873	20.00	ng	0.00
86) Perylene-d12	23.64	264	379731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	172051	56.75	ng	0.00
7) Phenol-d6	6.96	99	145186	33.52	ng	0.00
23) Nitrobenzene-d5	8.95	82	379781	77.71	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	247629	149.13	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	847353	77.31	ng	0.00
78) Terphenyl-d14	19.80	244	1380723	84.10	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	54	Below Cal	Qvalue #	1
83) Bis(2-ethylhexyl)phthalate	21.27	149	149476	10.12 ng		98

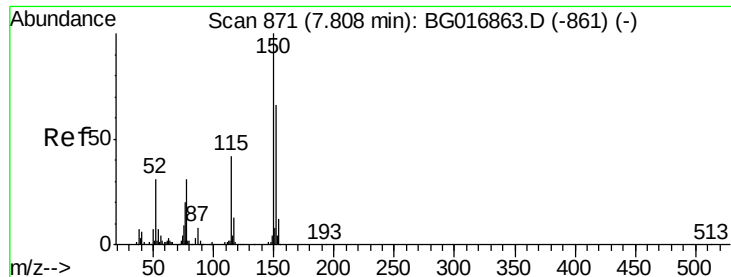
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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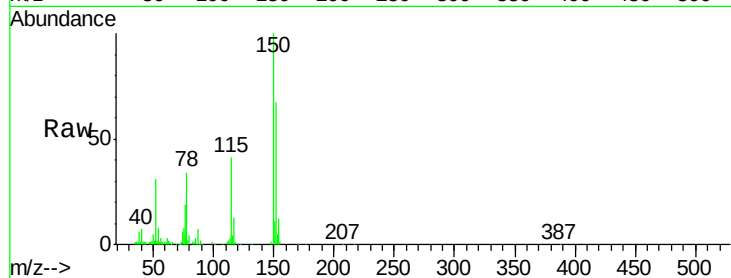


#1

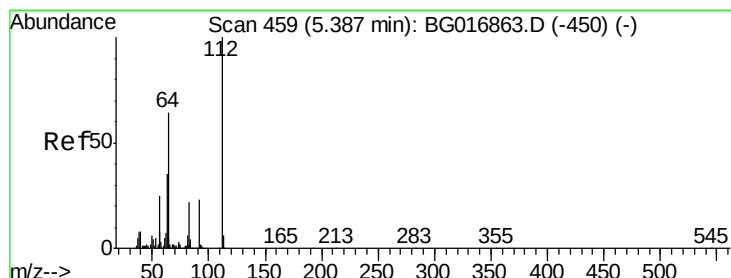
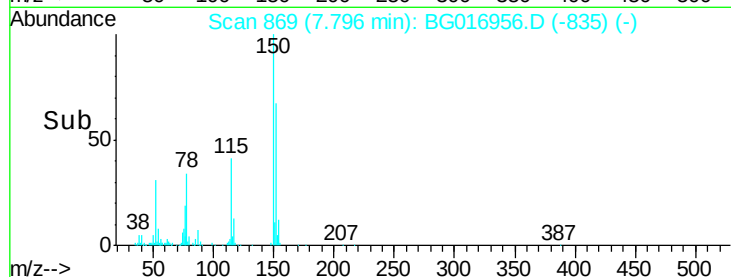
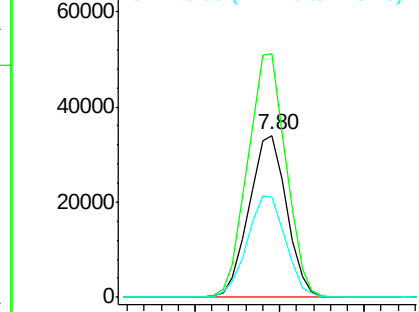
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016956.D
Acq: 8 May 2015 14:49

Instrument :
BNA_G
ClientSampleId :
BEM-8

Tgt Ion:152 Resp: 52785
Ion Ratio Lower Upper
152 100
150 150.3 121.0 181.4
115 61.9 50.5 75.7



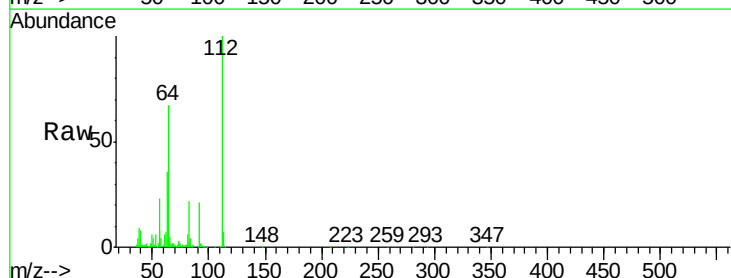
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



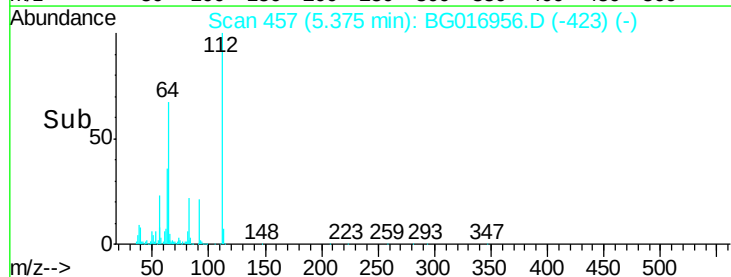
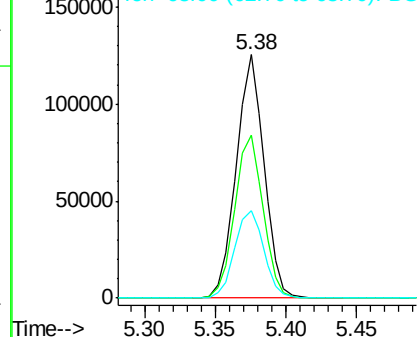
#5

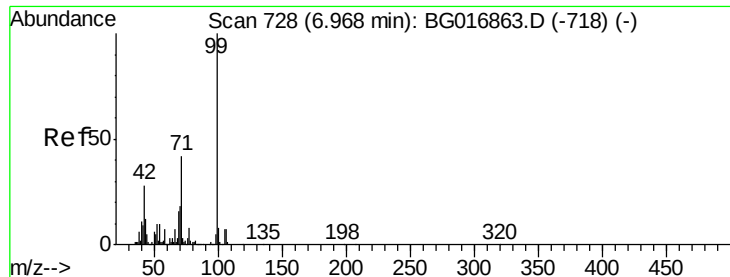
2-Fluorophenol
Concen: 56.75 ng
RT: 5.38 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016956.D
Acq: 8 May 2015 14:49

Tgt Ion:112 Resp: 172051
Ion Ratio Lower Upper
112 100
64 66.8 51.4 77.2
63 36.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.52 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016956.D

Acq: 8 May 2015 14:49

Instrument :

BNA_G

ClientSampleId :

BEM-8

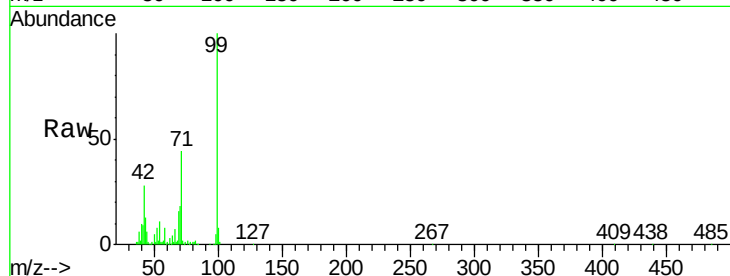
Tgt Ion: 99 Resp: 145186

Ion Ratio Lower Upper

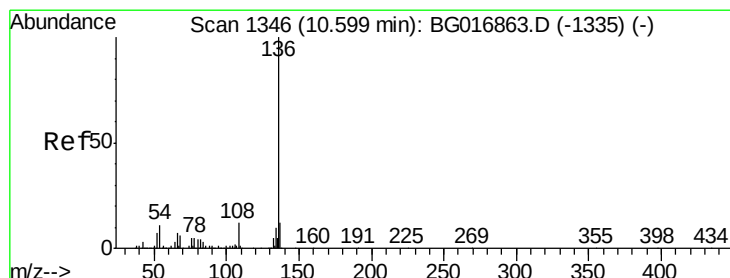
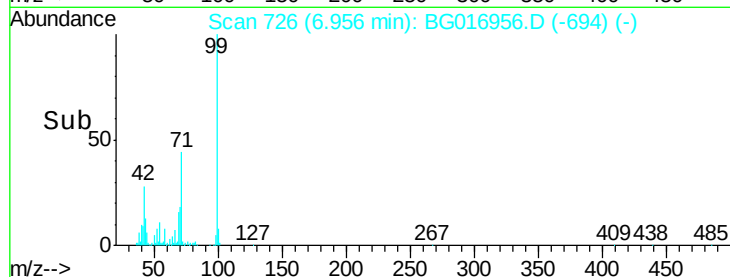
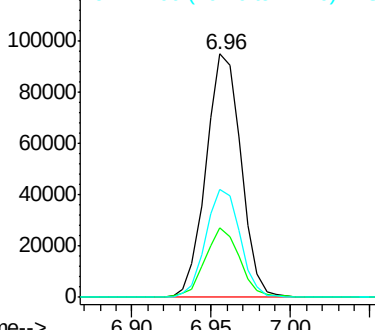
99 100

42 28.4 22.1 33.1

71 44.4 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: 10.59 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016956.D

Acq: 8 May 2015 14:49

Tgt Ion: 136 Resp: 238747

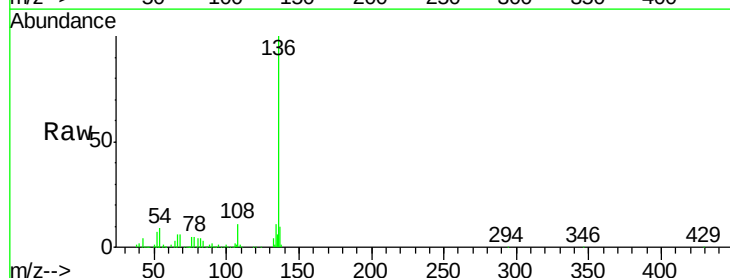
Ion Ratio Lower Upper

136 100

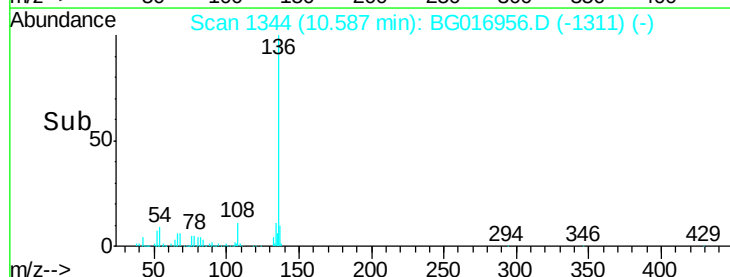
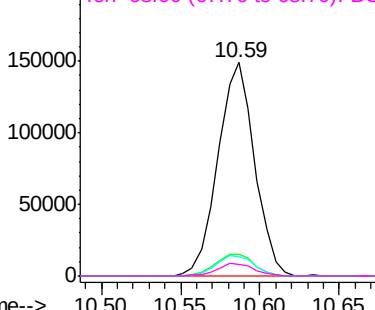
137 10.4 9.8 14.8

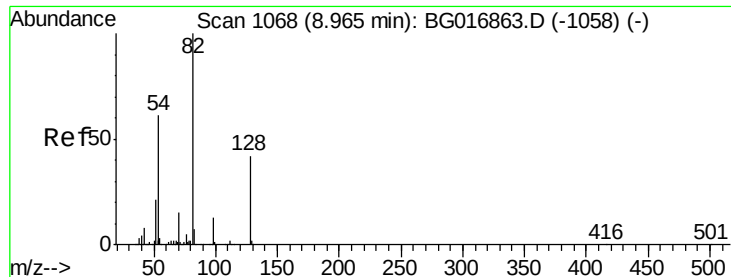
54 9.2 8.7 13.1

68 5.5 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

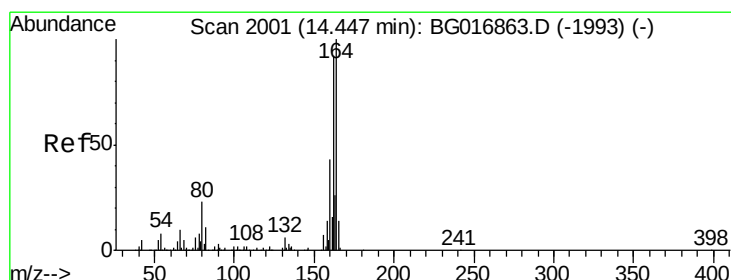
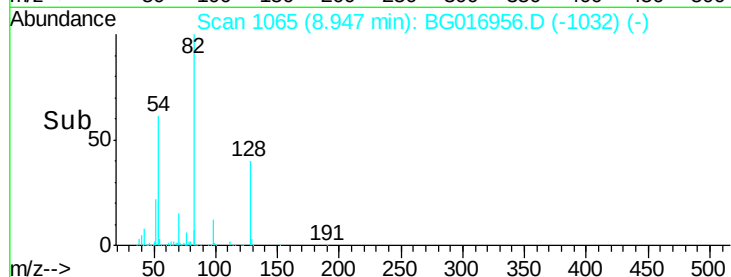
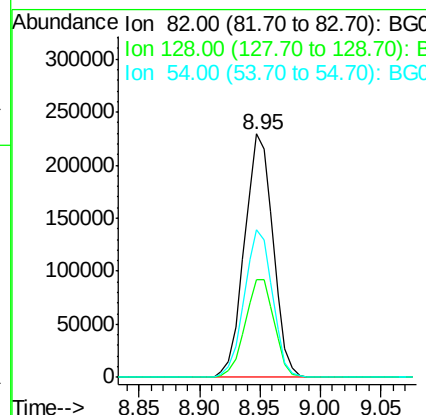
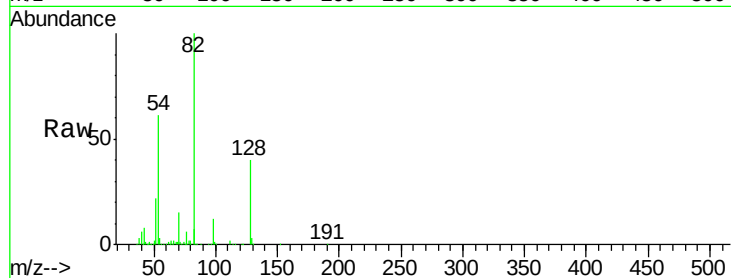




#23
 Nitrobenzene-d5
 Concen: 77.71 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016956.D
 Acq: 8 May 2015 14:49

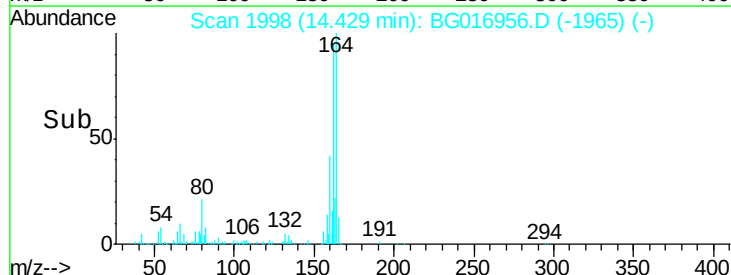
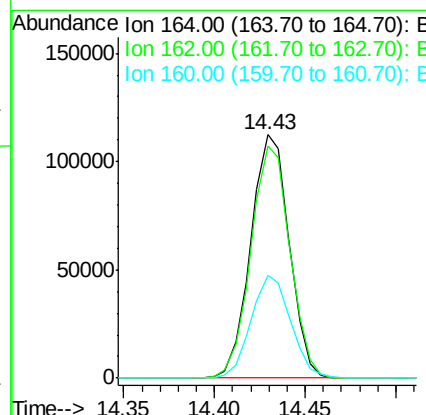
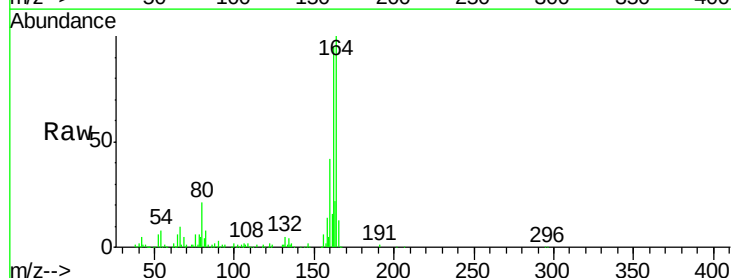
Instrument :
 BNA_G
 ClientSampleId :
 BEM-8

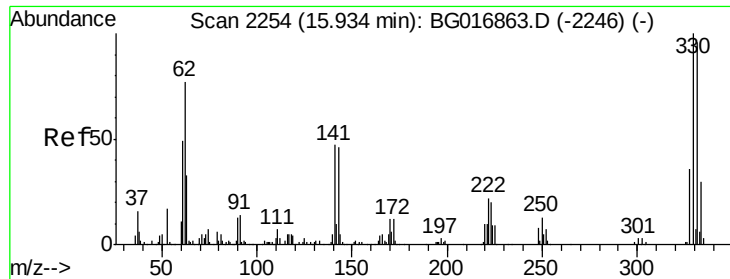
Tgt Ion: 82 Resp: 379781
 Ion Ratio Lower Upper
 82 100
 128 40.2 33.2 49.8
 54 60.7 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016956.D
 Acq: 8 May 2015 14:49

Tgt Ion: 164 Resp: 165405
 Ion Ratio Lower Upper
 164 100
 162 95.5 74.0 111.0
 160 42.0 34.7 52.1

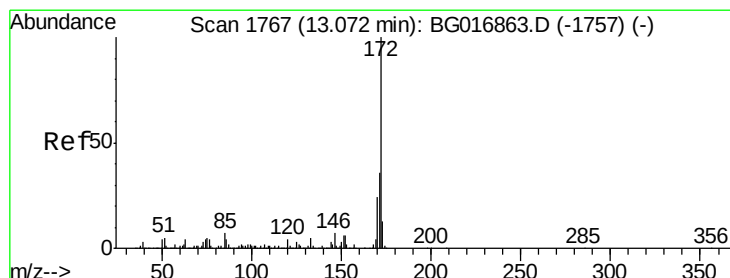
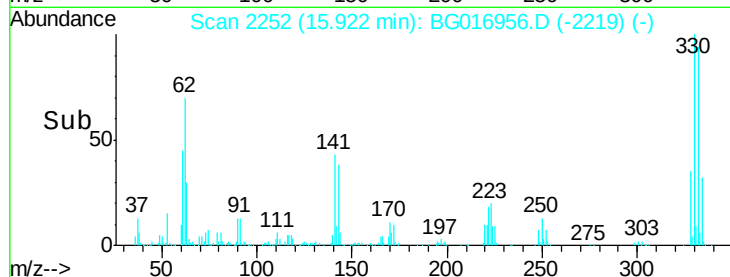
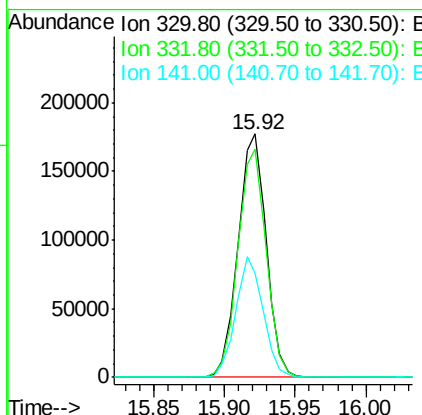
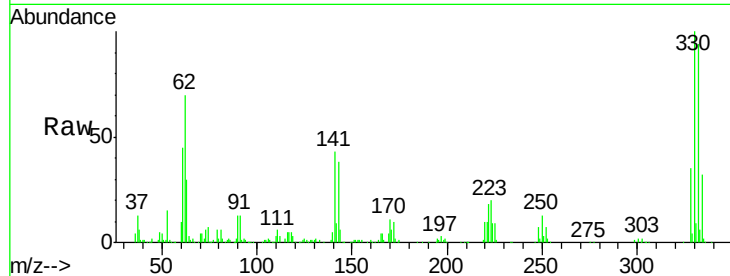




#41
 2,4,6-Tribromophenol
 Concen: 149.13 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG016956.D
 Acq: 8 May 2015 14:49

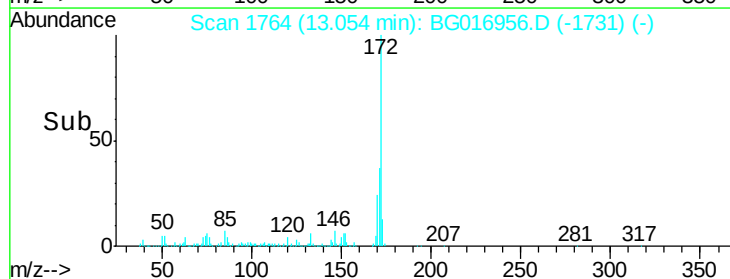
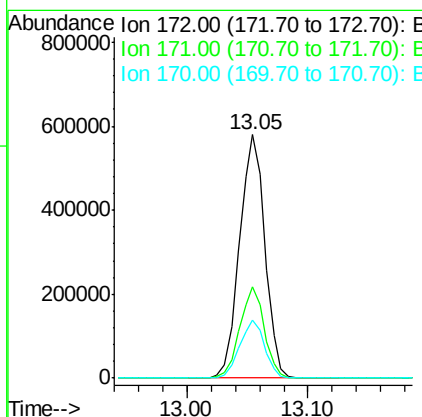
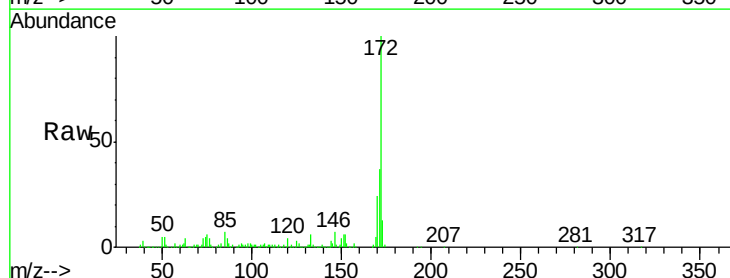
Instrument :
 BNA_G
 ClientSampleId :
 BEM-8

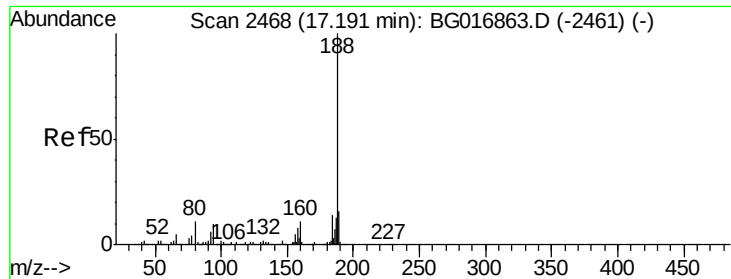
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	0.0	0.0#
141	48.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.31 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016956.D
 Acq: 8 May 2015 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.4
170	23.6	19.0	28.4

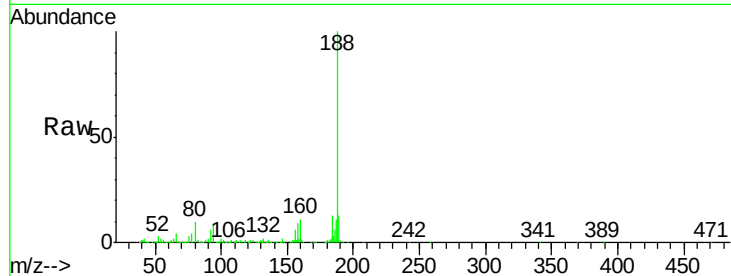




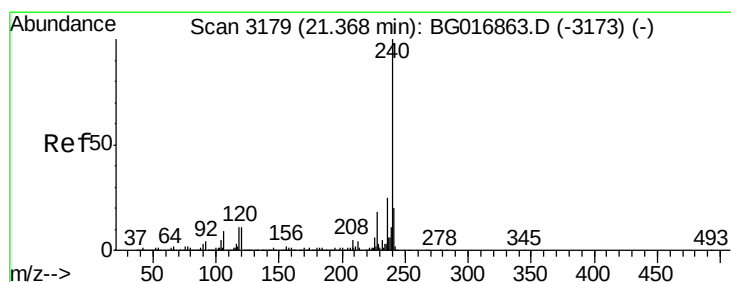
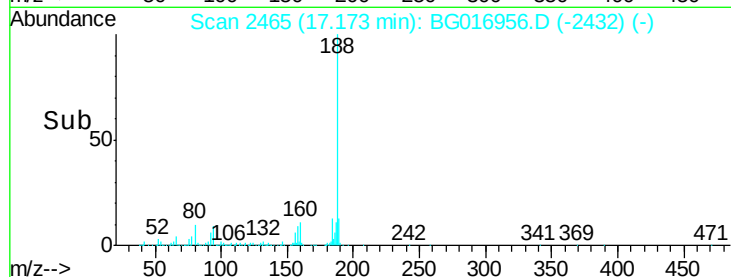
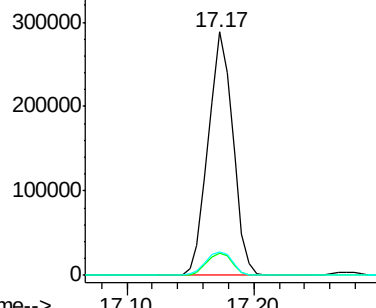
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG016956.D
Acq: 8 May 2015 14:49

Instrument :
BNA_G
ClientSampleId :
BEM-8

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	9.7	8.8	13.2

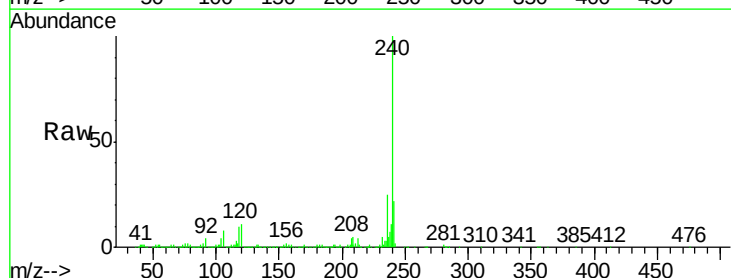


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

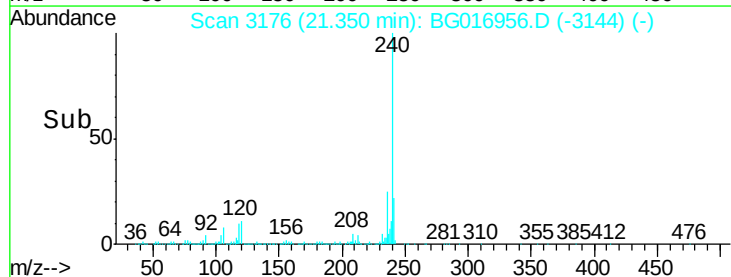
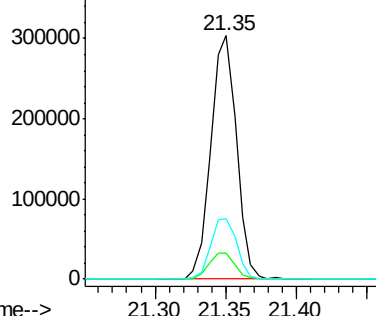


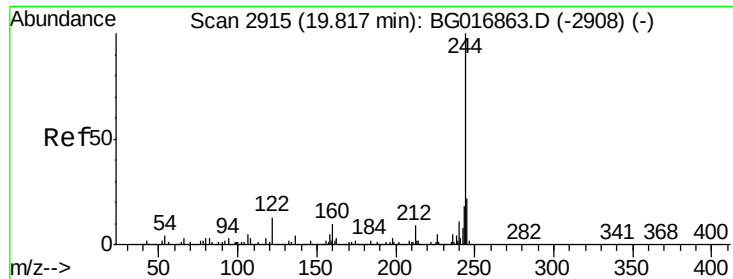
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016956.D
Acq: 8 May 2015 14:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.1	13.7
236	24.8	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: 84.10 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG016956.D

Acq: 8 May 2015 14:49

Instrument :

BNA_G

ClientSampled :

BEM-8

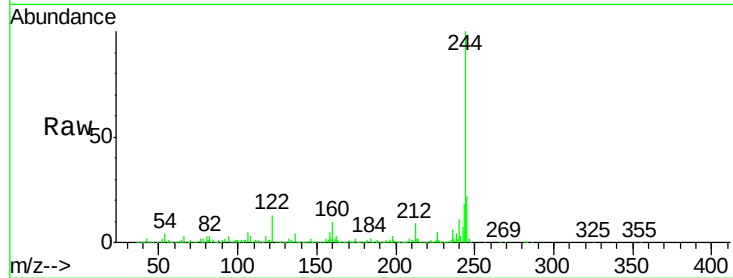
Tgt Ion:244 Resp: 1380723

Ion Ratio Lower Upper

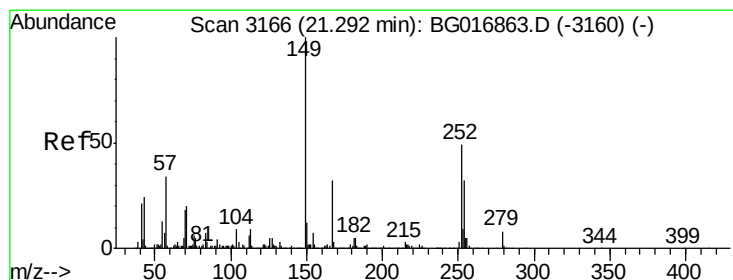
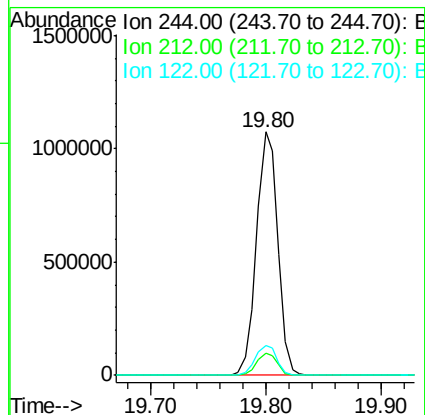
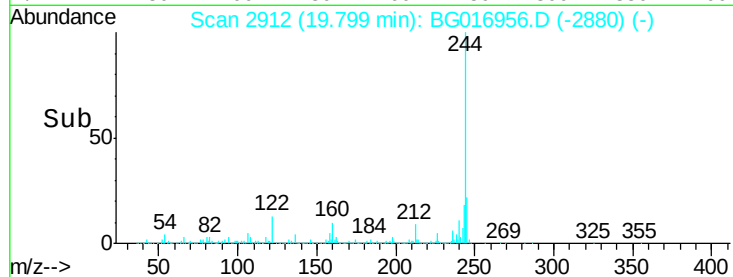
244 100

212 9.2 7.0 10.6

122 12.5 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



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.12 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG016956.D

Acq: 8 May 2015 14:49

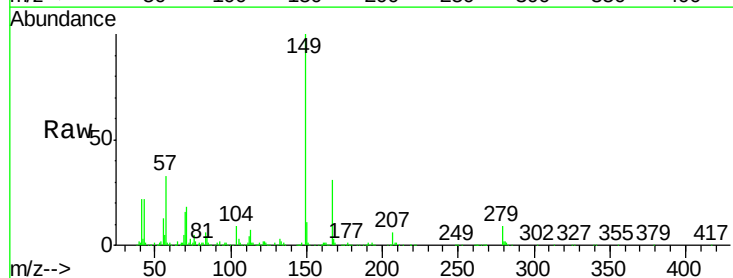
Tgt Ion:149 Resp: 149476

Ion Ratio Lower Upper

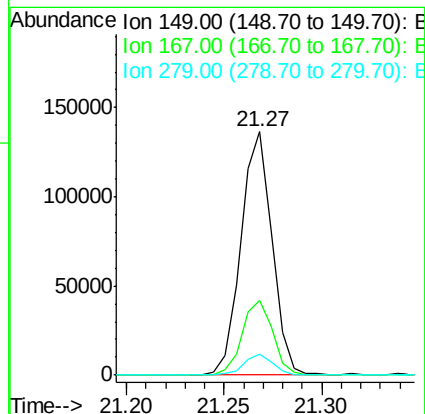
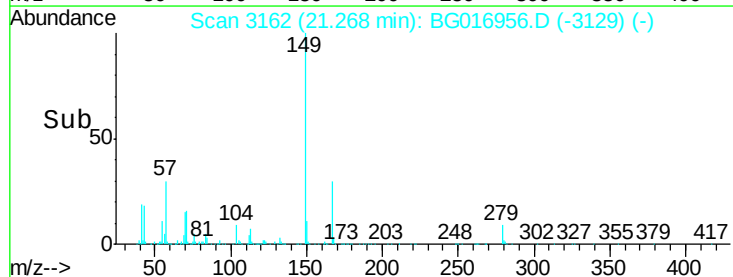
149 100

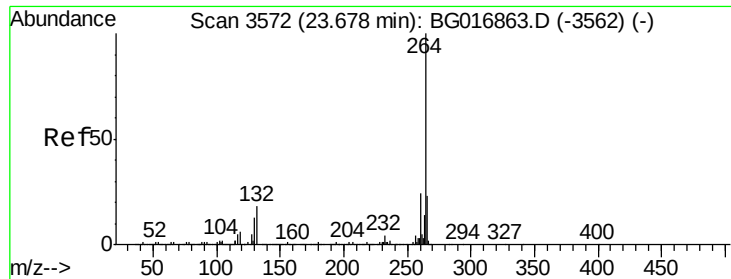
167 30.6 25.4 38.0

279 8.7 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

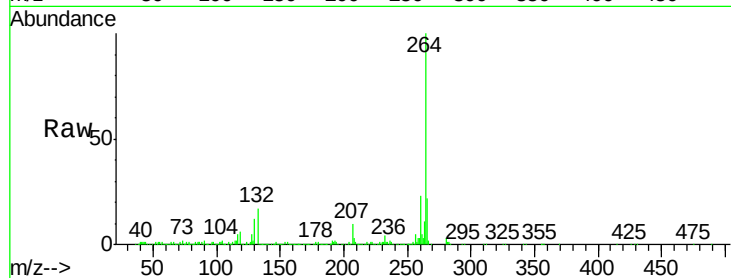




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.02 min
Lab File: BG016956.D
Acq: 8 May 2015 14:49

Instrument :
BNA_G
ClientSampleId :
BEM-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	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

