

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022701.D
 Acq On : 29 Jun 2016 19:59
 Operator : UM/SJ
 Sample : PB91742TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91742TB

Quant Time: Jun 30 04:43:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	91972	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	398353	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	326092	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	997979	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1187108	20.00	ng	0.00
86) Perylene-d12	25.19	264	1203166	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	641780	111.92	ng	0.00
7) Phenol-d6	7.30	99	967591	119.72	ng	0.00
23) Nitrobenzene-d5	9.33	82	626603	66.58	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	633785	123.57	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1487559	72.34	ng	0.00
78) Terphenyl-d14	20.15	244	2826500	63.08	ng	0.00

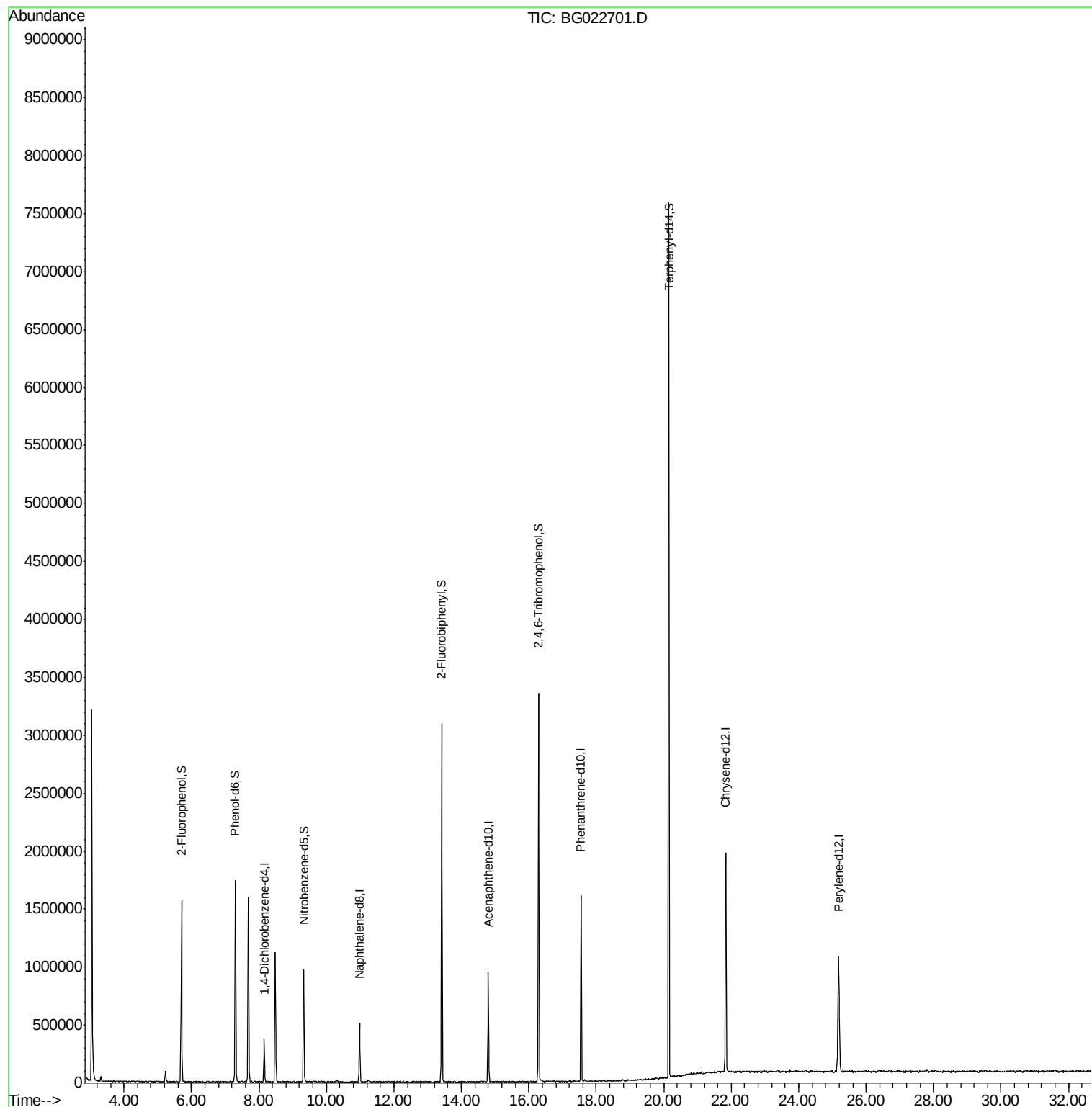
Target Compounds Qvalue

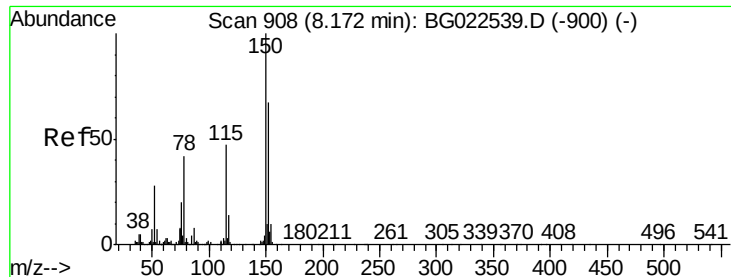
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

Instrument :

BNA_G

ClientSampleId :

PB91742TB

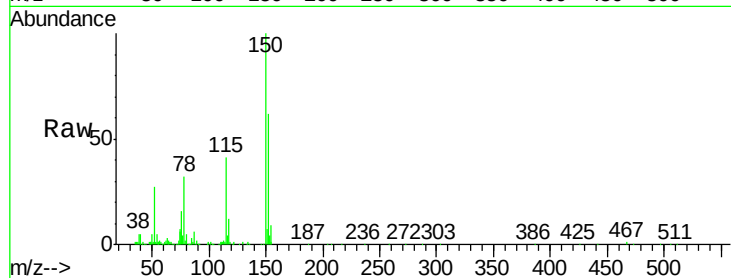
Tot Ion:152 Resp: 91972

Ion Ratio Lower Upper

152 100

150 161.2 144.7 217.1

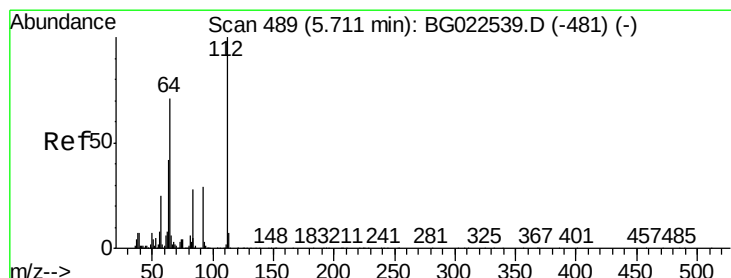
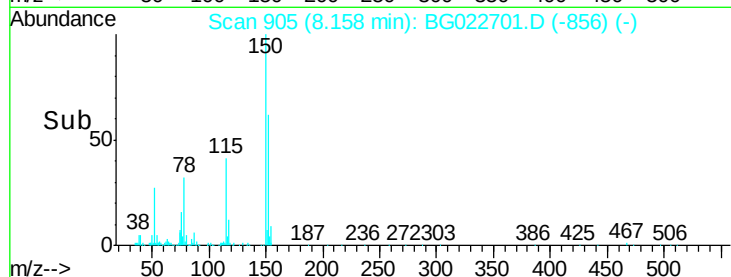
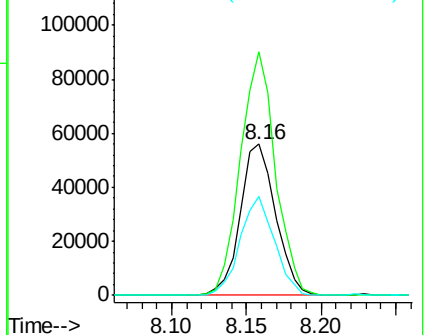
115 65.5 64.0 96.0



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: 111.92 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

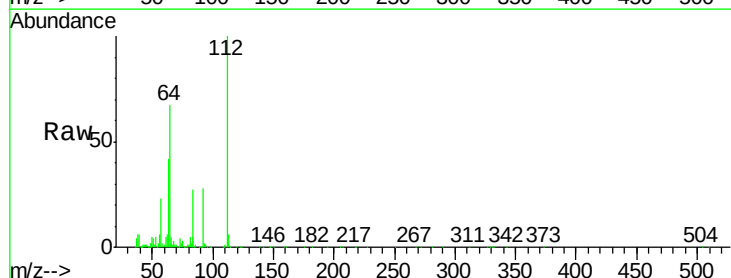
Tgt Ion:112 Resp: 641780

Ion Ratio Lower Upper

112 100

64 66.8 59.0 88.4

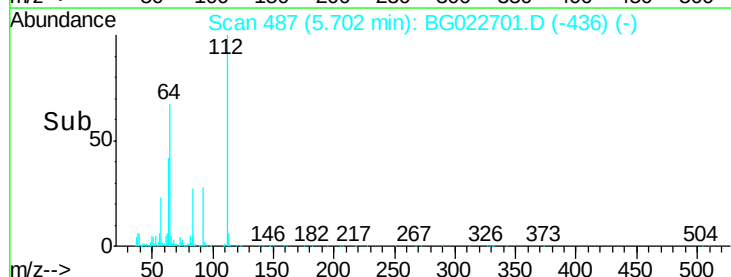
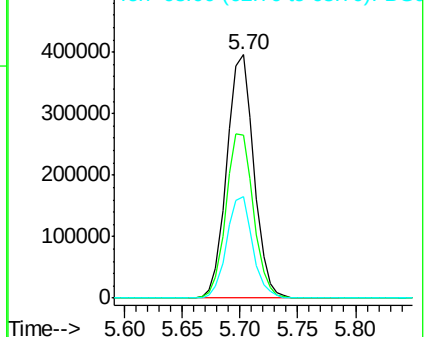
63 41.6 37.8 56.8

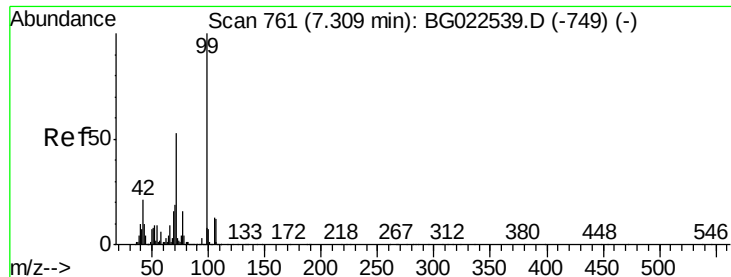


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.72 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

Instrument :

BNA_G

ClientSampleId :

PB91742TB

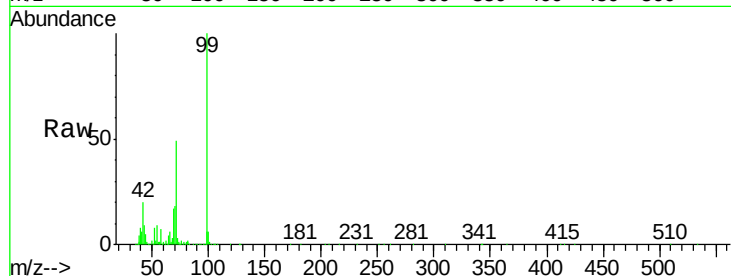
Tot Ion: 99 Resp: 967591

Ion Ratio Lower Upper

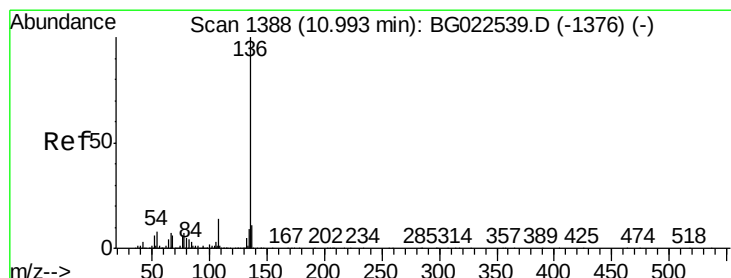
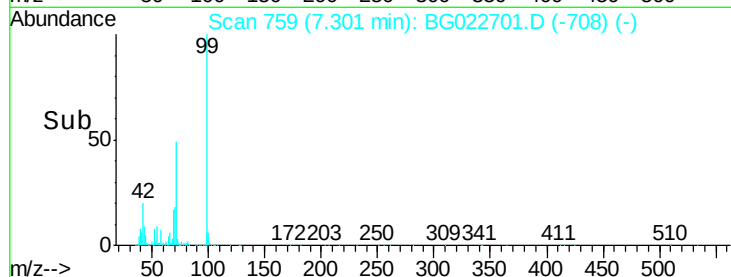
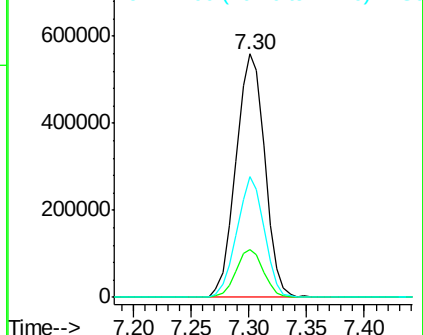
99 100

42 19.6 17.8 26.6

71 49.4 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

Tgt Ion: 136 Resp: 398353

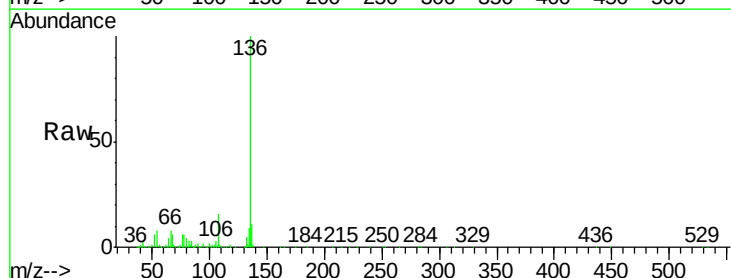
Ion Ratio Lower Upper

136 100

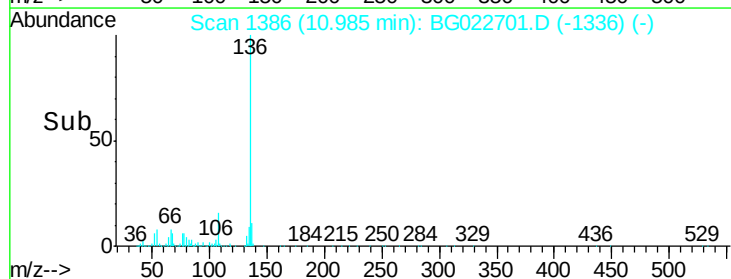
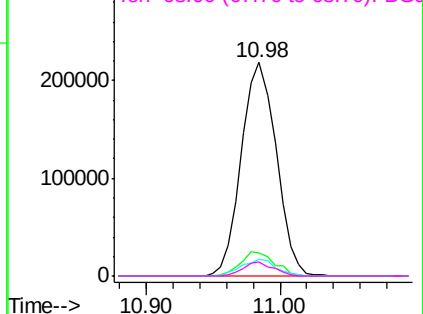
137 10.9 9.6 14.4

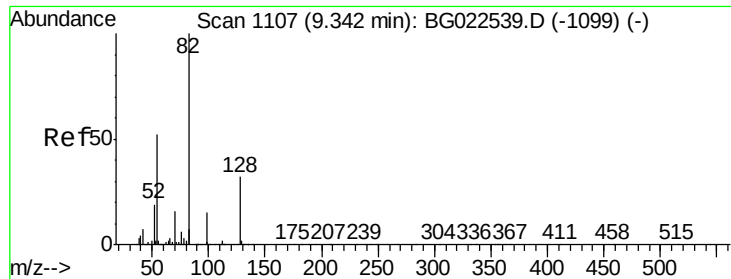
54 7.8 7.3 10.9

68 7.2 5.3 7.9



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

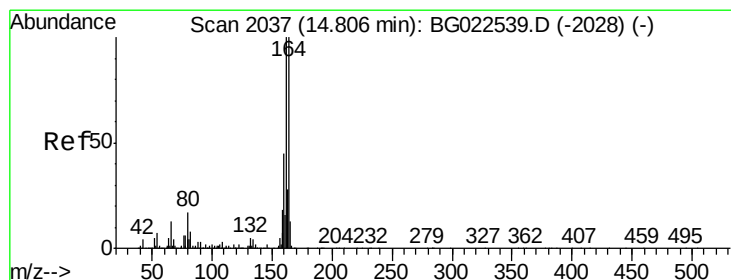
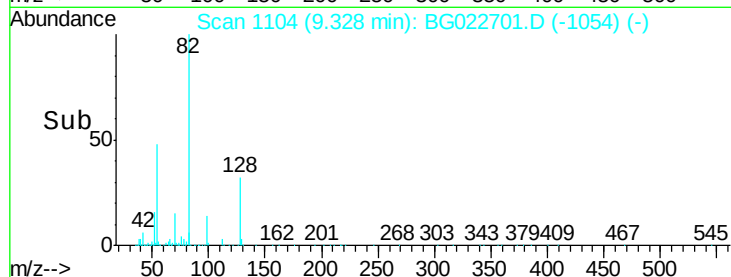
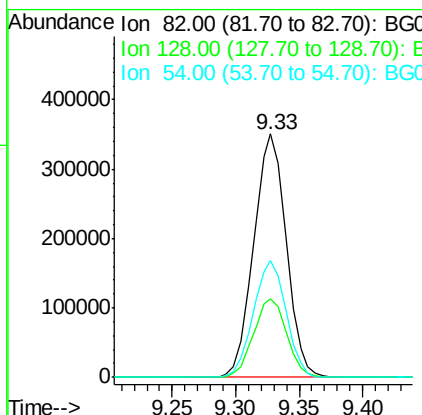
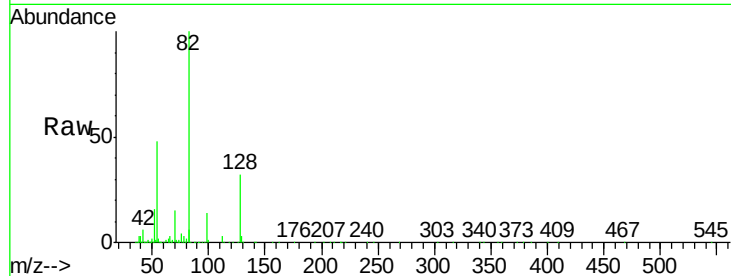




#23
 Nitrobenzene-d5
 Concen: 66.58 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022701.D
 Acq: 29 Jun 2016 19:59

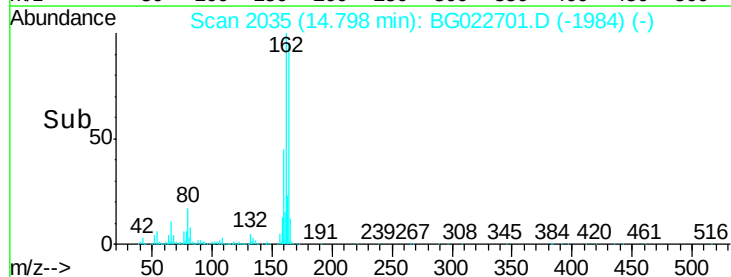
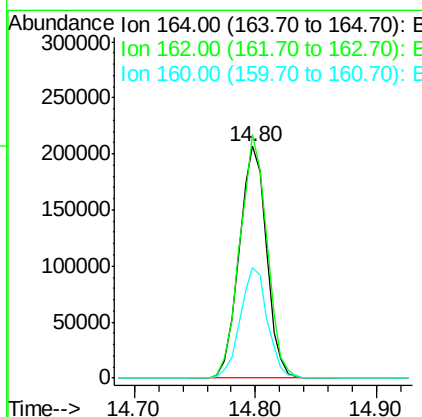
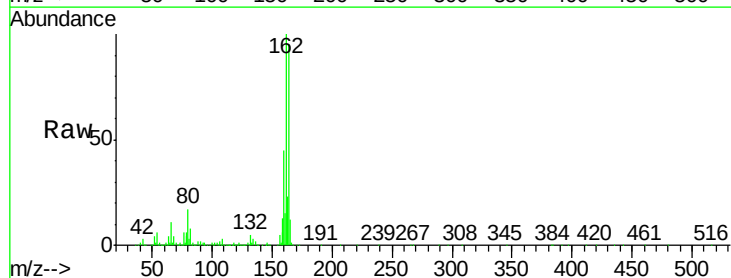
Instrument :
 BNA_G
 ClientSampleId :
 PB91742TB

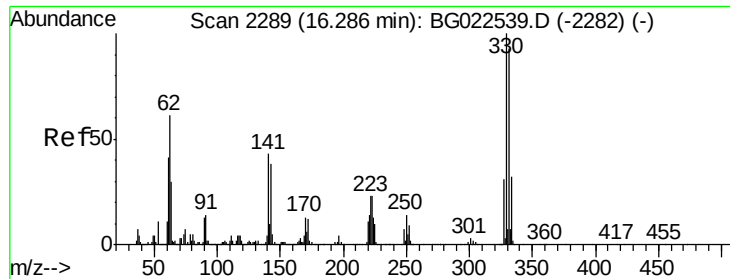
Tot Ion	82	Resp	626603
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	48.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022701.D
 Acq: 29 Jun 2016 19:59

Tgt Ion	164	Resp	326092
Ion Ratio	Lower	Upper	
164	100		
162	105.1	87.7	131.5
160	47.8	37.2	55.8

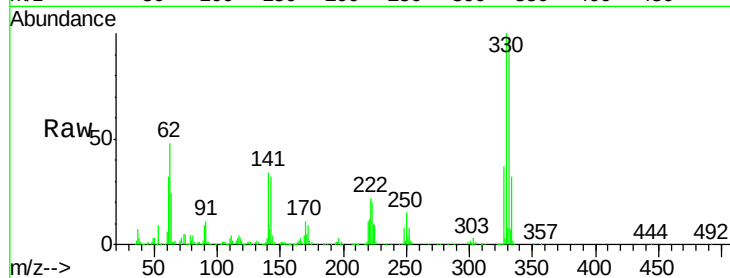




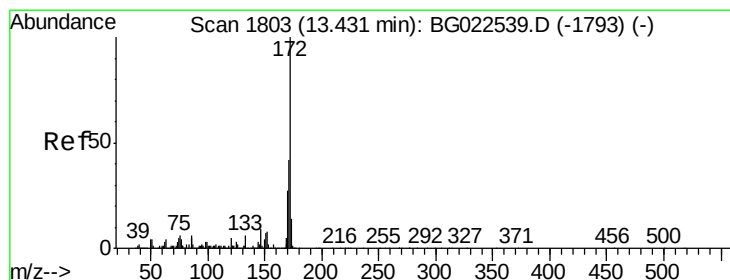
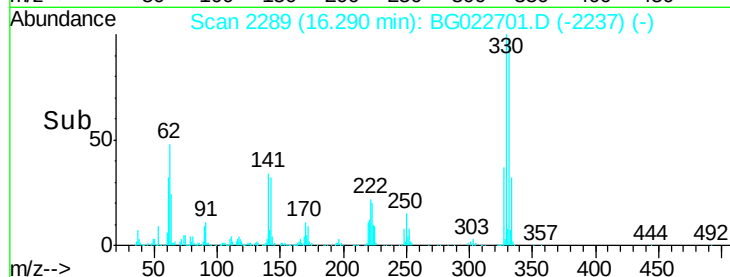
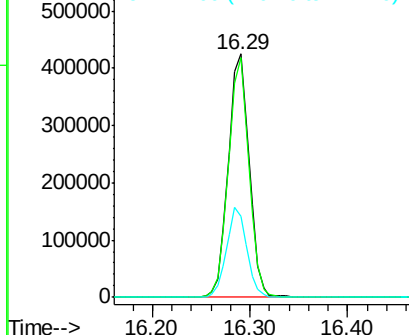
#41
 2,4,6-Tribromophenol
 Concen: 123.57 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022701.D
 Acq: 29 Jun 2016 19:59

Instrument :
 BNA_G
 ClientSampled :
 PB91742TB

Tot Ion:330 Resp: 633785
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 35.8 31.7 47.5

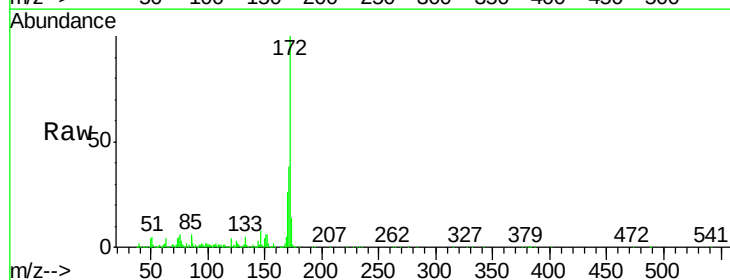


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

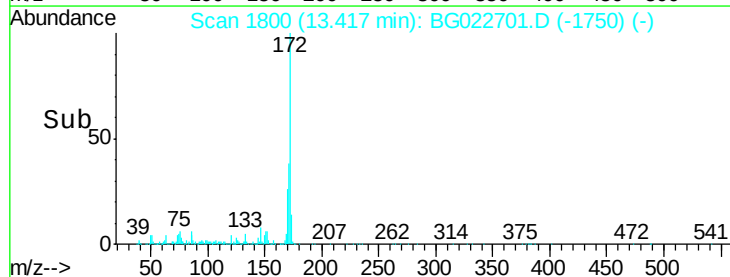
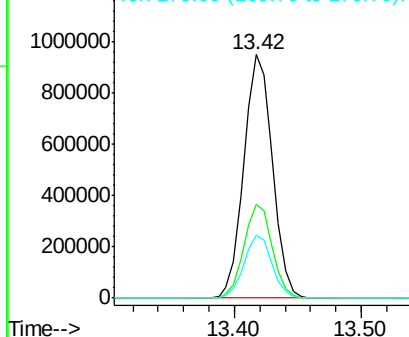


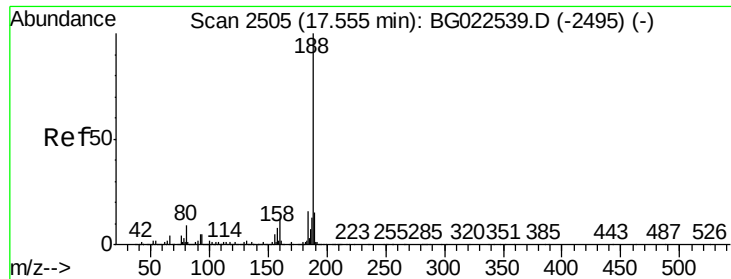
#44
 2-Fluorobiphenyl
 Concen: 72.34 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022701.D
 Acq: 29 Jun 2016 19:59

Tgt Ion:172 Resp: 1487559
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.6 47.4
 170 26.1 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

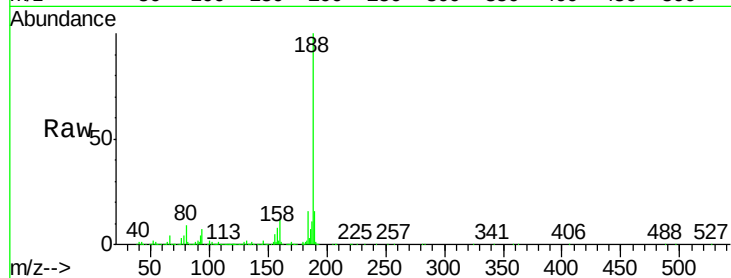




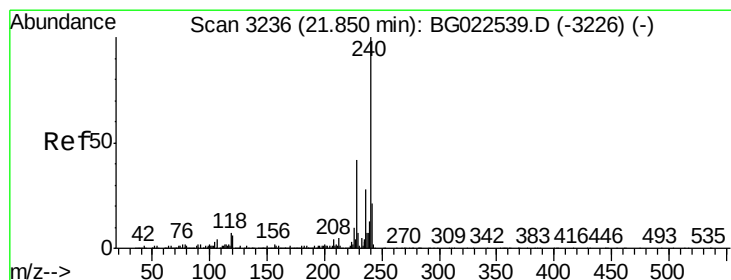
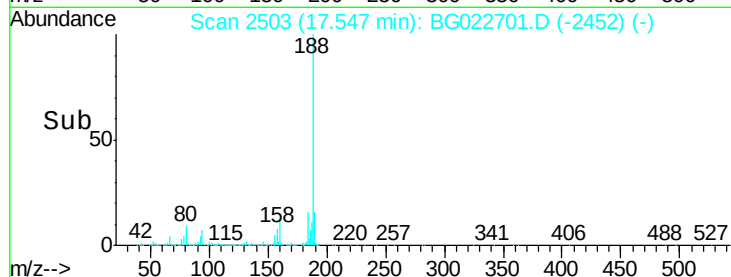
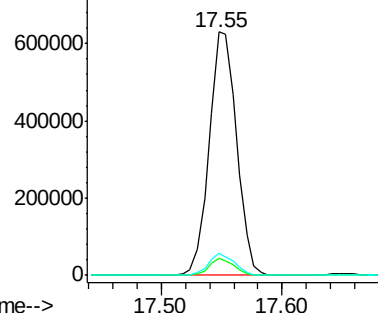
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022701.D
Acq: 29 Jun 2016 19:59

Instrument :
BNA_G
ClientSampleId :
PB91742TB

Tot Ion:188 Resp: 997979
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.3 7.2 10.8

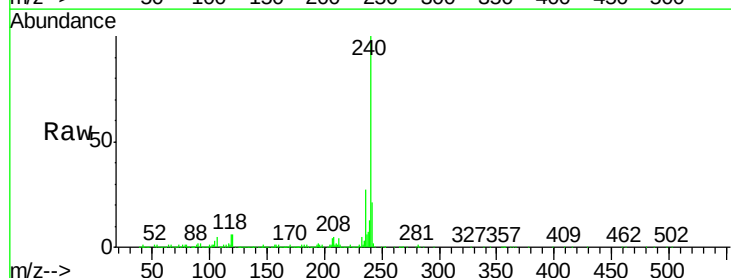


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

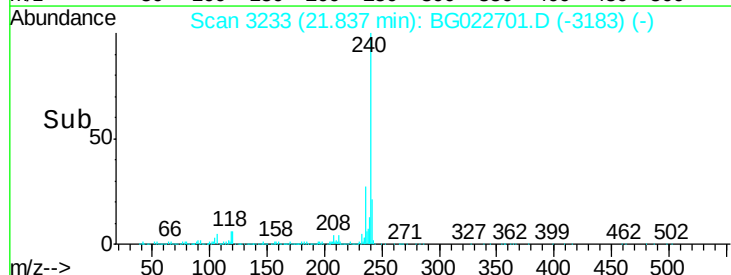
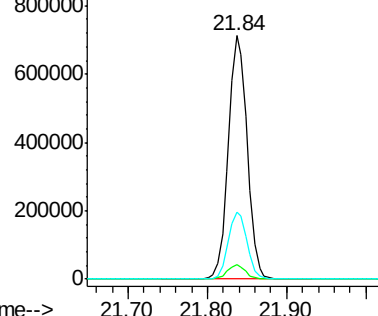


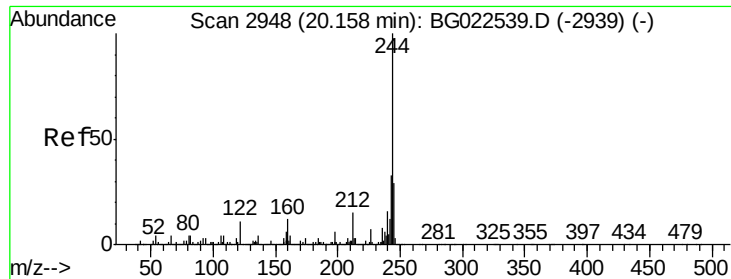
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG022701.D
Acq: 29 Jun 2016 19:59

Tgt Ion:240 Resp: 1187108
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 27.4 21.1 31.7



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: 63.08 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

Instrument :

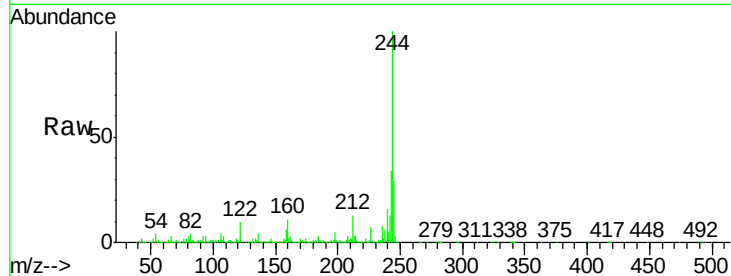
BNA_G

ClientSampleId :

PB91742TB

Tot Ion:244 Resp: 2826500

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	10.0	8.0	12.0

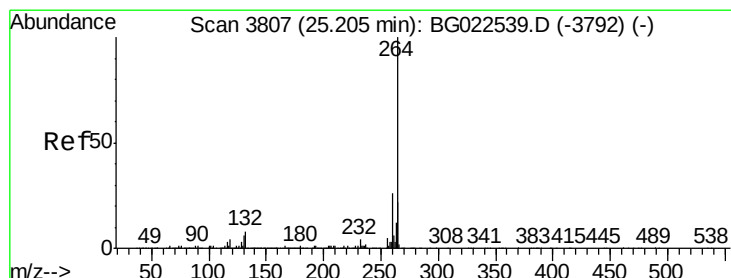
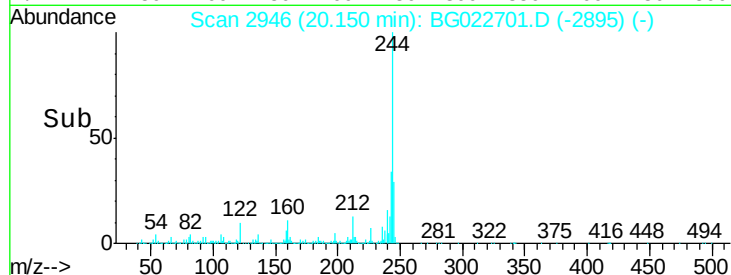
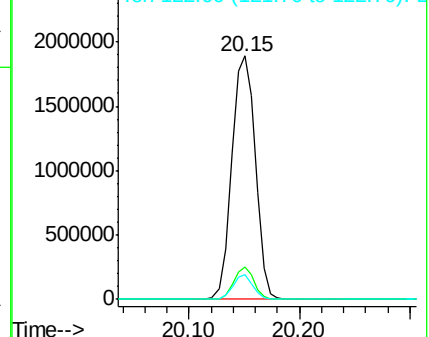


Abundance

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: 25.19 min Scan# 3803

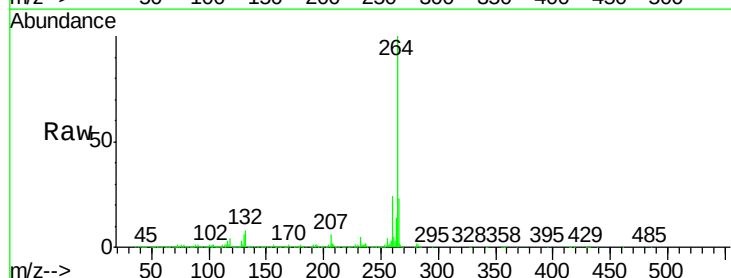
Delta R.T. -0.02 min

Lab File: BG022701.D

Acq: 29 Jun 2016 19:59

Tgt Ion:264 Resp: 1203166

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	23.3	18.9	28.3



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

