

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022671.D
 Acq On : 28 Jun 2016 11:46
 Operator : UM/SJ
 Sample : PB91613BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91613BL

Quant Time: Jun 28 13:58:30 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	115545	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	485037	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	365375	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	974081	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1116667	20.00	ng	0.00
86) Perylene-d12	25.21	264	1086954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1008059	139.93	ng	0.00
7) Phenol-d6	7.31	99	1490426	146.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	1018971	88.91	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	844976	147.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2051612	89.05	ng	0.00
78) Terphenyl-d14	20.15	244	3161714	75.01	ng	0.00

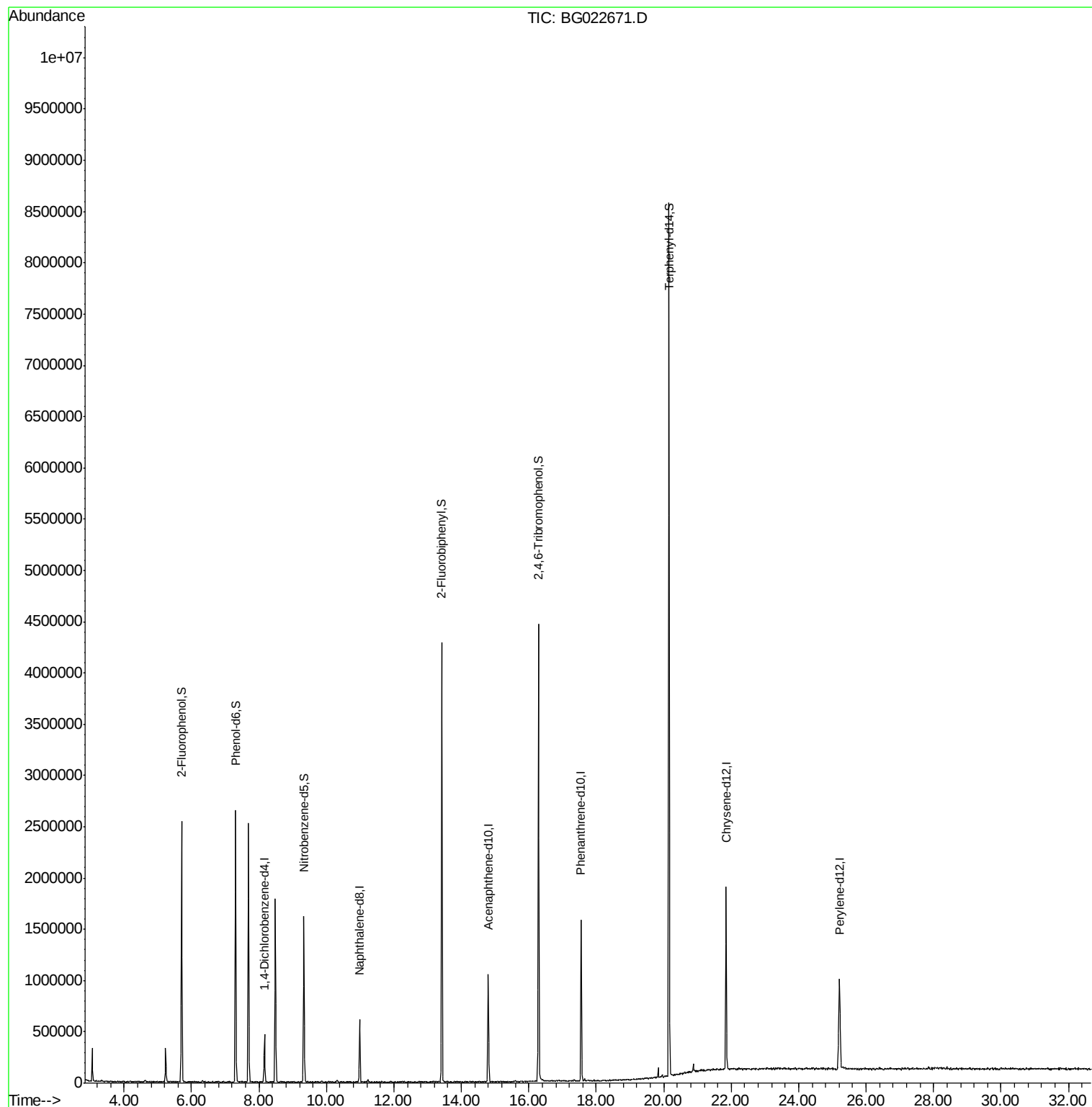
Target Compounds Qvalue

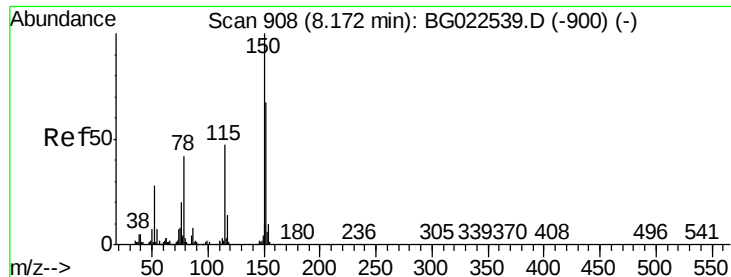
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA_G

ClientSampleId :

PB91613BL

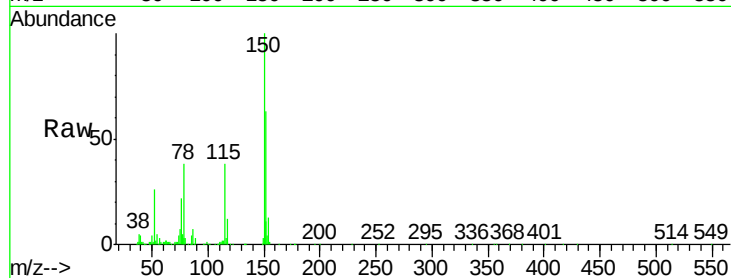
Tot Ion:152 Resp: 115545

Ion Ratio Lower Upper

152 100

150 157.8 144.7 217.1

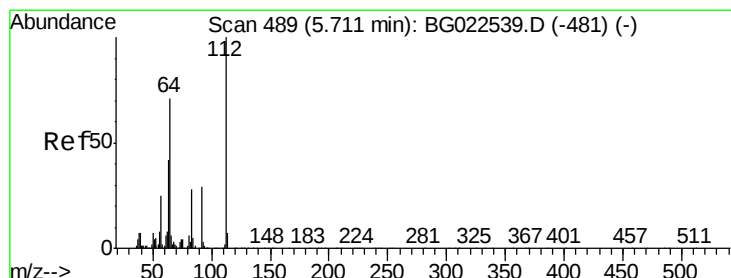
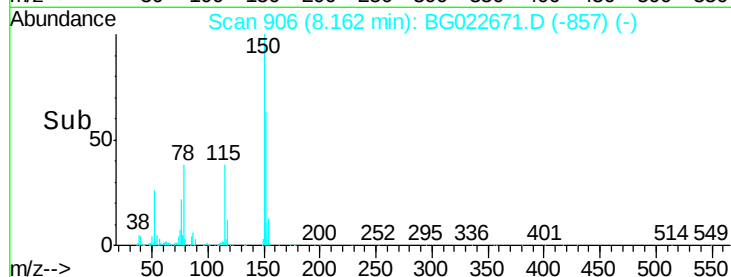
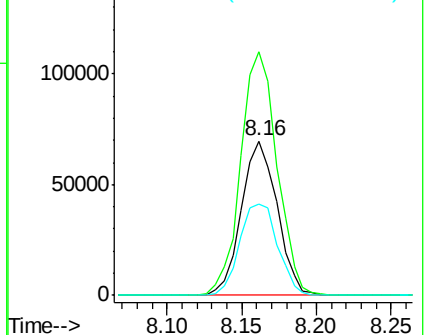
115 59.3 64.0 96.0#



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: 139.93 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

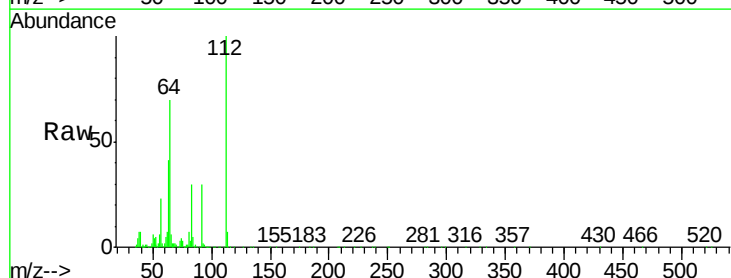
Tgt Ion:112 Resp: 1008059

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

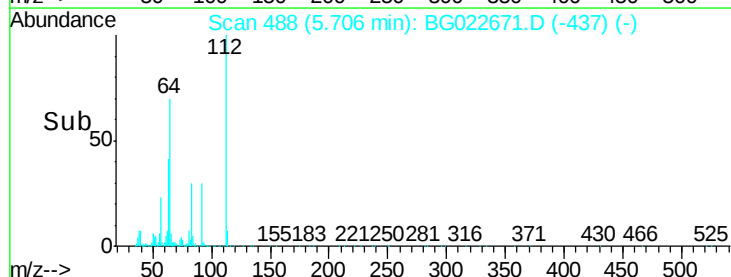
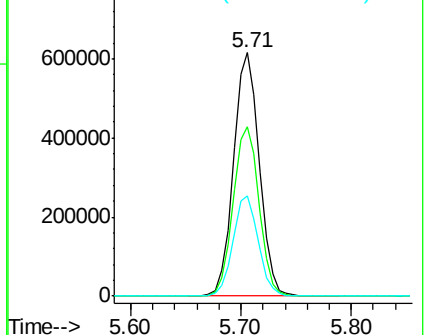
63 41.4 37.8 56.8

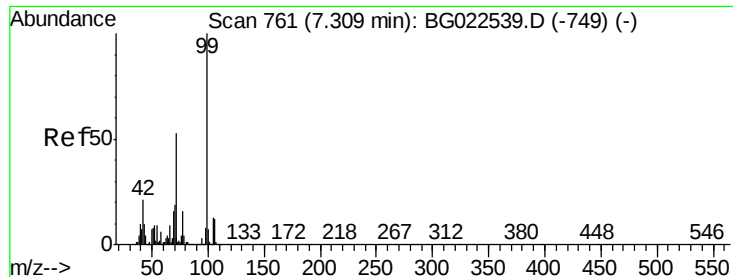


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.78 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

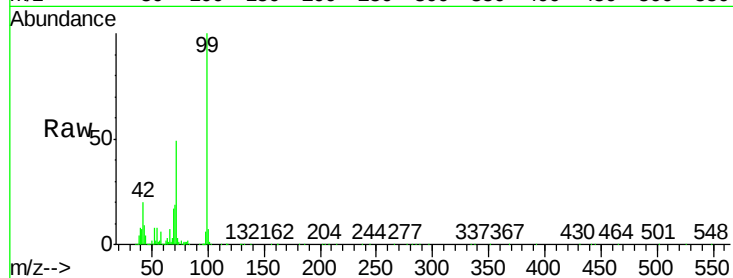
BNA_G

ClientSampled :

PB91613BL

Tot Ion: 99 Resp: 1490426

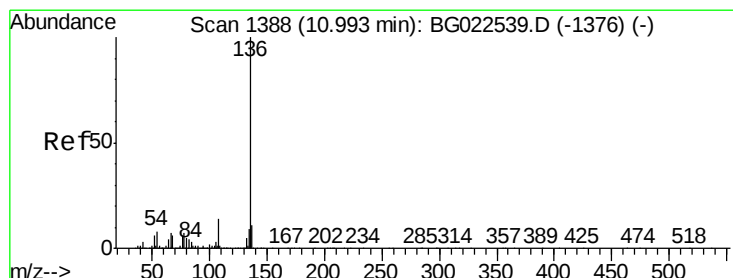
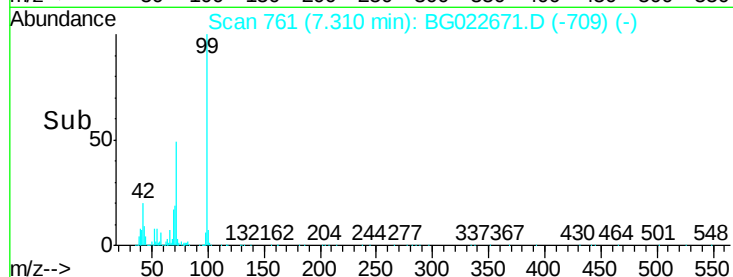
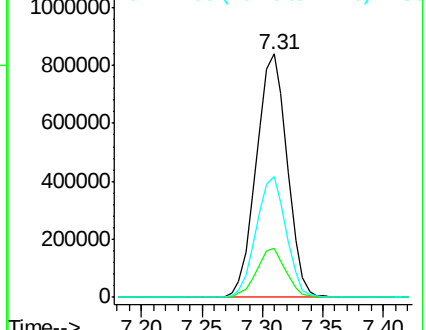
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	49.5	41.5	62.3



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: 10.99 min Scan# 1387

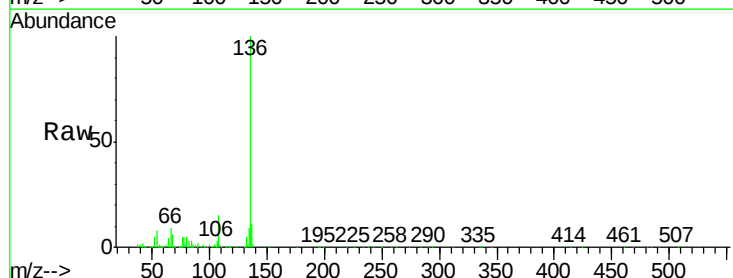
Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Tgt Ion: 136 Resp: 485037

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.2	7.3	10.9
68	5.9	5.3	7.9

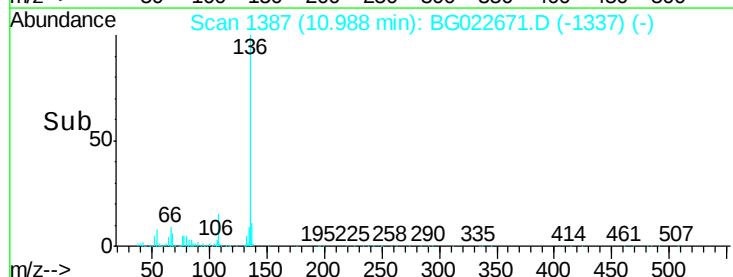
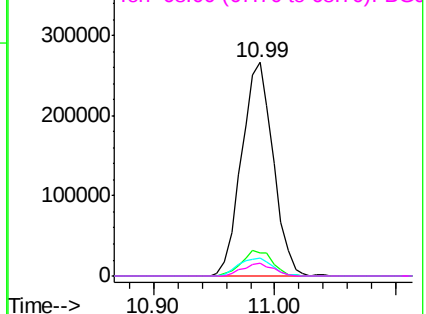


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

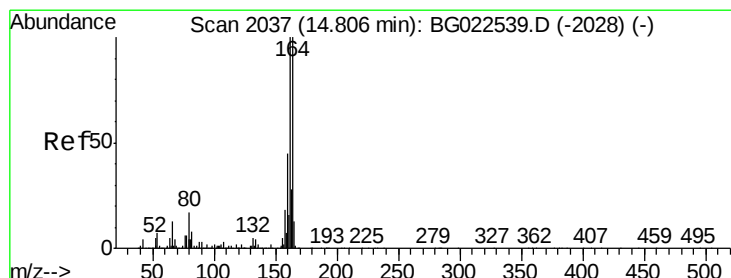
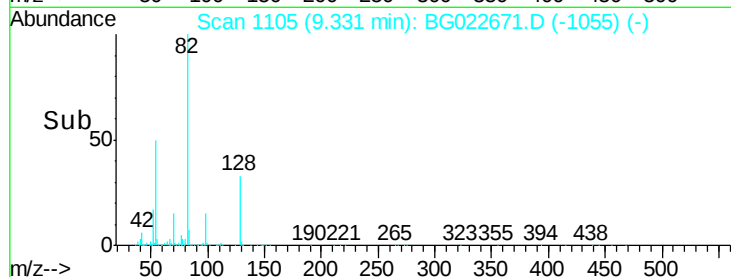
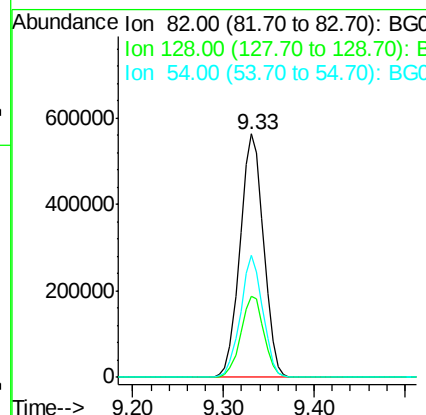
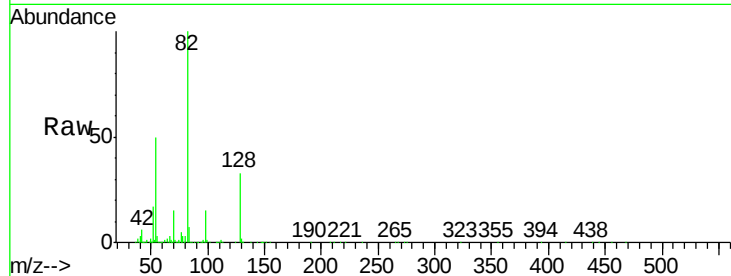




#23
Nitrobenzene-d5
Concen: 88.91 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

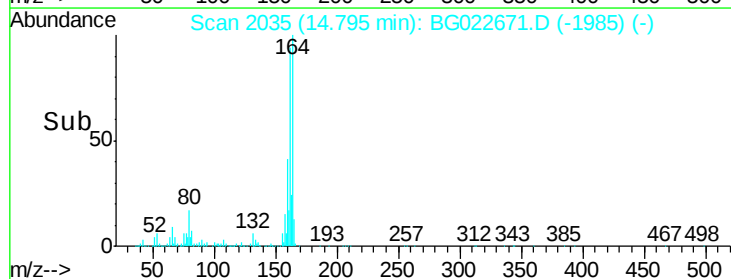
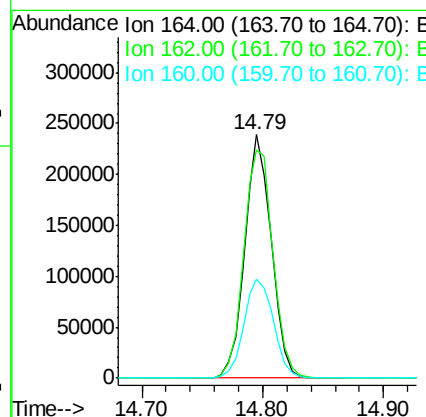
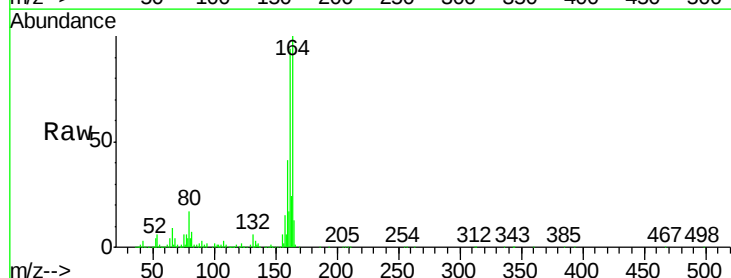
Instrument :
BNA_G
ClientSampleId :
PB91613BL

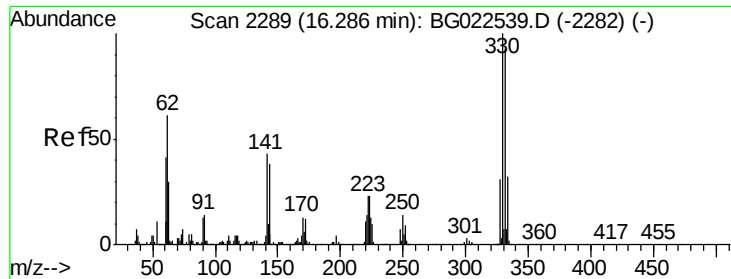
Tot Ion: 82 Resp: 1018971
Ion Ratio Lower Upper
82 100
128 33.2 24.4 36.6
54 50.0 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

Tgt Ion: 164 Resp: 365375
Ion Ratio Lower Upper
164 100
162 93.7 87.7 131.5
160 40.8 37.2 55.8

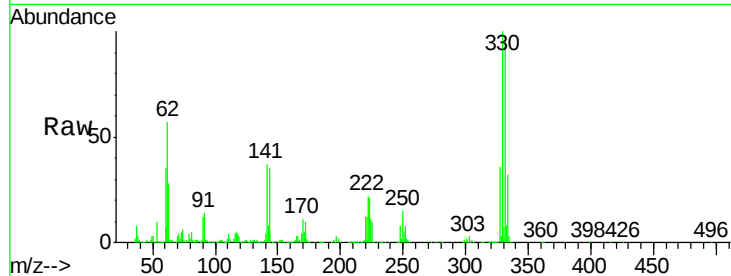




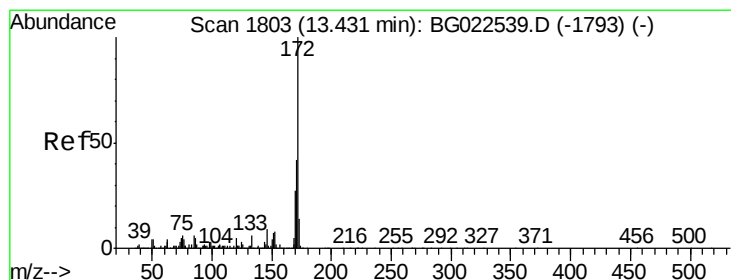
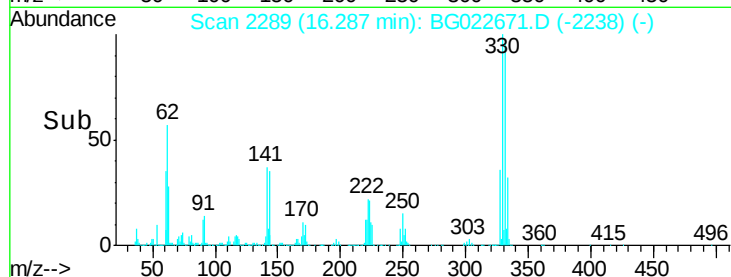
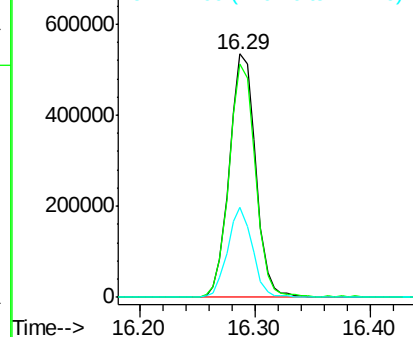
#41
2,4,6-Tribromophenol
Concen: 147.03 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

Instrument :
BNA_G
ClientSampleId :
PB91613BL

Tot Ion:330 Resp: 844976
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 34.9 31.7 47.5

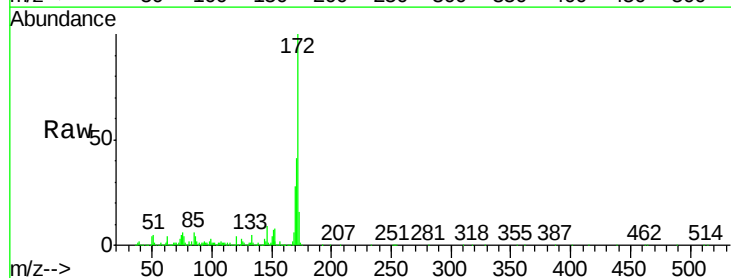


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

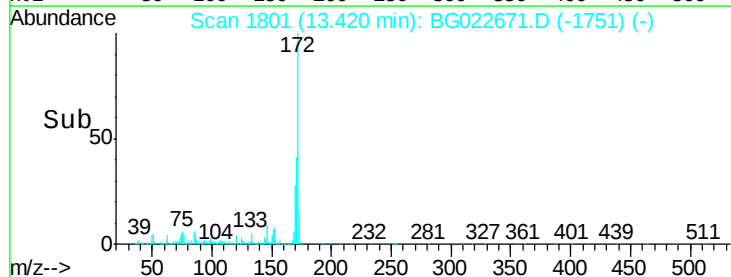
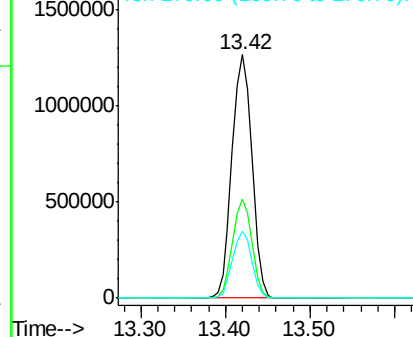


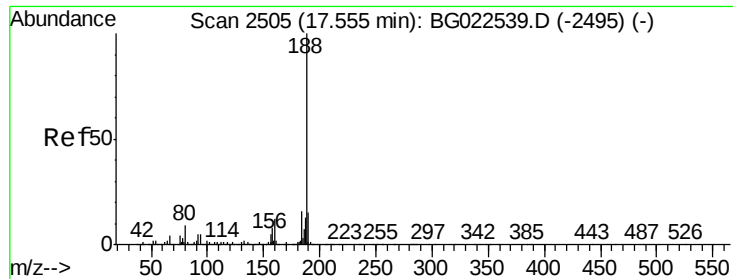
#44
2-Fluorobiphenyl
Concen: 89.05 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

Tgt Ion:172 Resp: 2051612
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 27.6 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

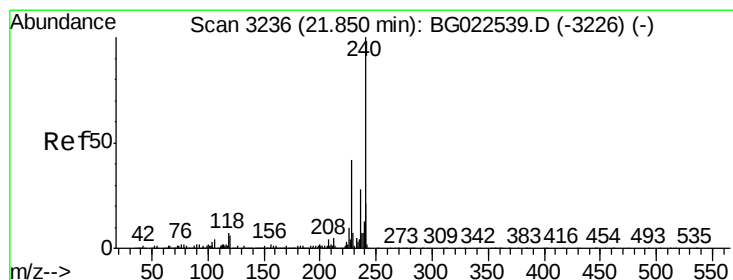
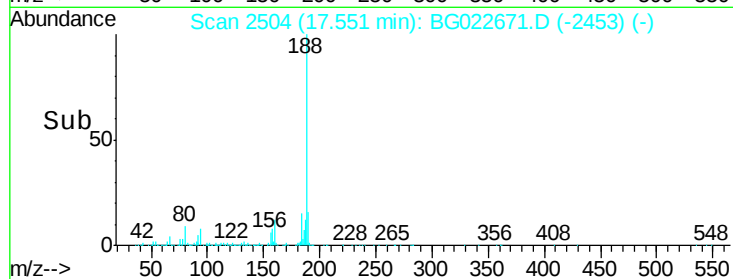
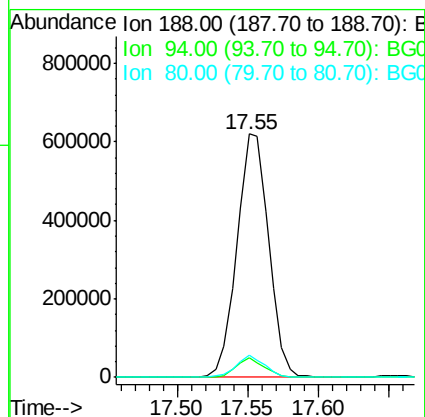
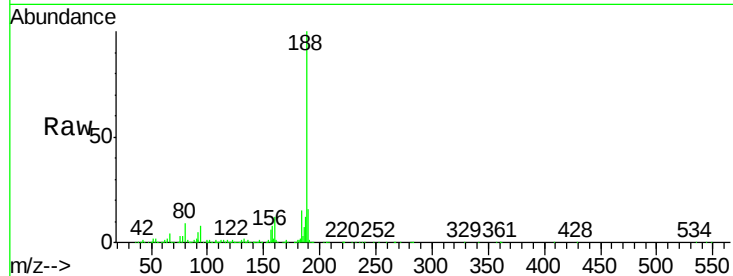




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

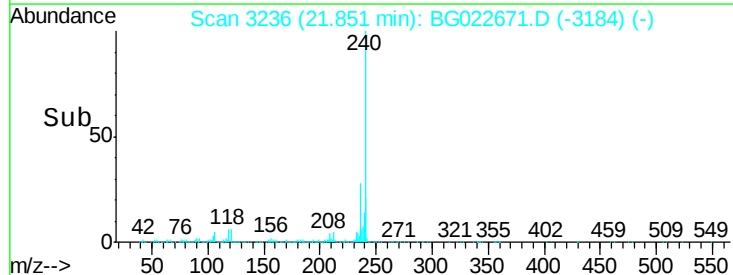
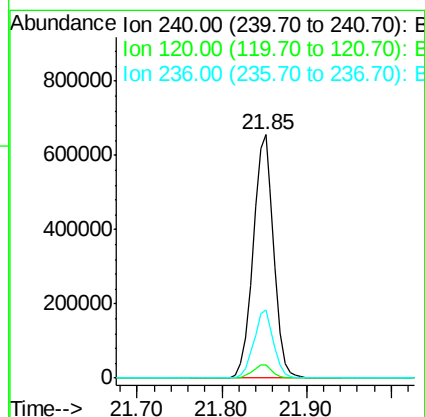
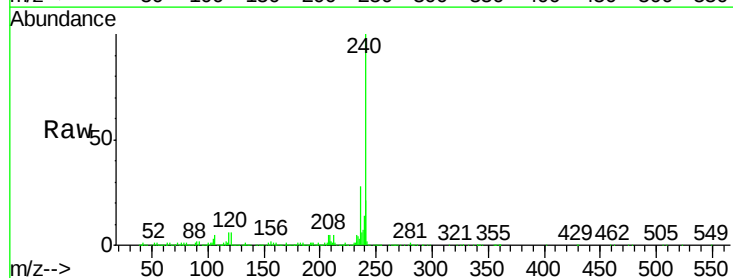
Instrument :
BNA_G
ClientSampleId :
PB91613BL

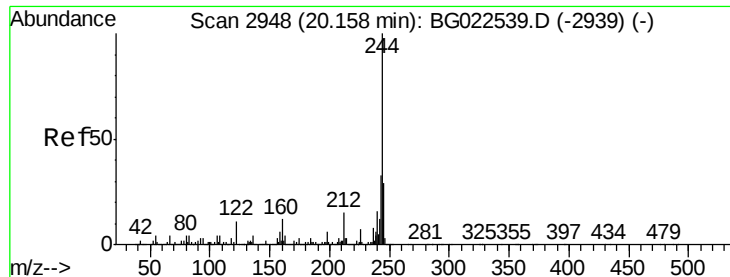
Tot Ion:188 Resp: 974081
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 9.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022671.D
Acq: 28 Jun 2016 11:46

Tgt Ion:240 Resp: 1116667
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 28.1 21.1 31.7





#78

Terphenyl-d14

Concen: 75.01 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

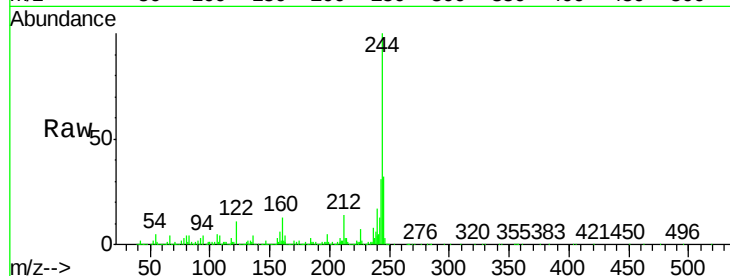
BNA_G

ClientSampleId :

PB91613BL

Tot Ion:244 Resp: 3161714

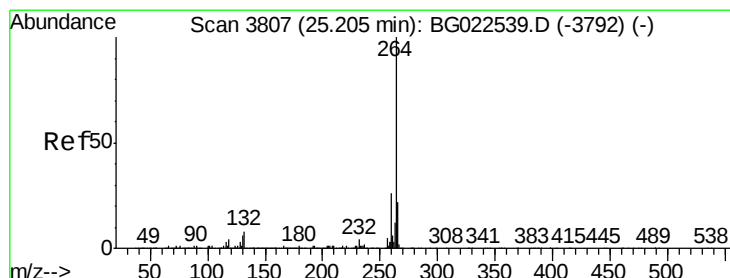
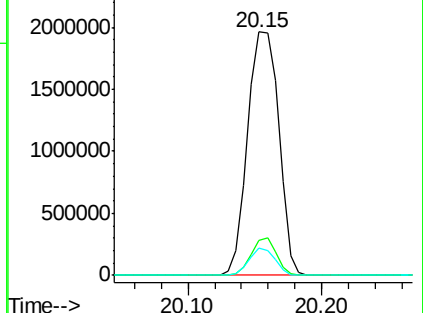
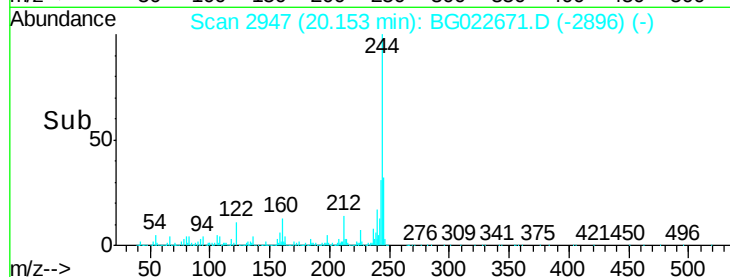
Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.8	16.2
122	11.3	8.0	12.0



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: 25.21 min Scan# 3807

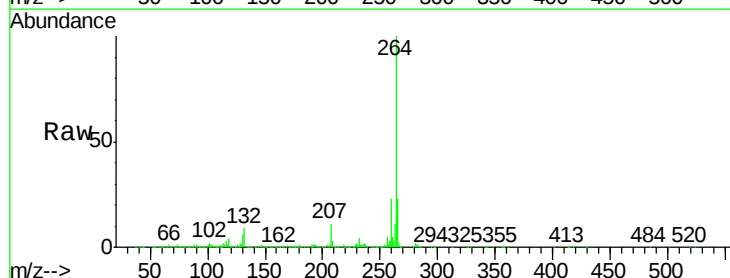
Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Tgt Ion:264 Resp: 1086954

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	22.7	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

