

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022688.D
 Acq On : 28 Jun 2016 23:06
 Operator : UM/SJ
 Sample : PB91664BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BL

Quant Time: Jun 29 04:26:01 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	111520	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	472870	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	346304	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	914018	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1047542	20.00	ng	0.00
86) Perylene-d12	25.20	264	1026067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	984034	141.53	ng	0.00
7) Phenol-d6	7.31	99	1453939	148.36	ng	0.00
23) Nitrobenzene-d5	9.33	82	989748	88.59	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	803172	147.46	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2012821	92.18	ng	0.00
78) Terphenyl-d14	20.15	244	3102646	78.47	ng	0.00

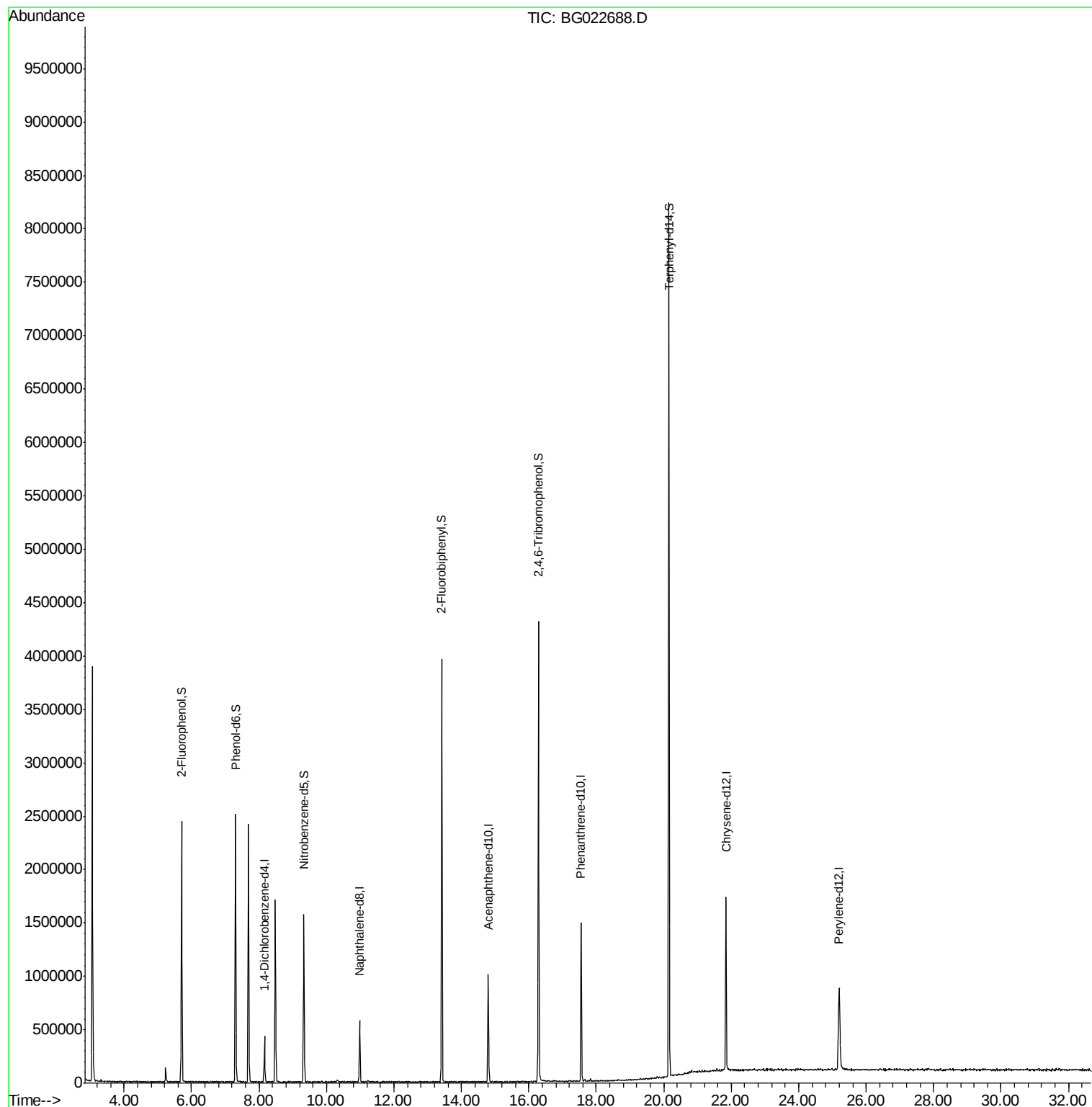
Target Compounds Qvalue

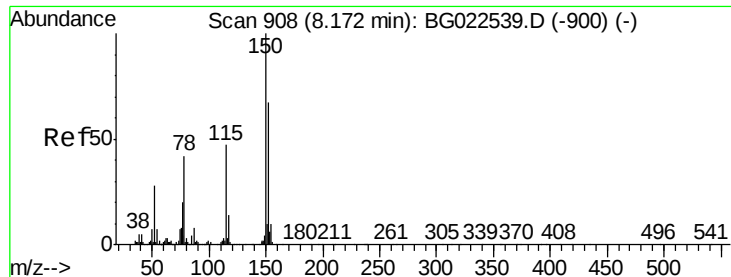
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022688.D

Acq: 28 Jun 2016 23:06

Instrument :

BNA_G

ClientSampleId :

PB91664BL

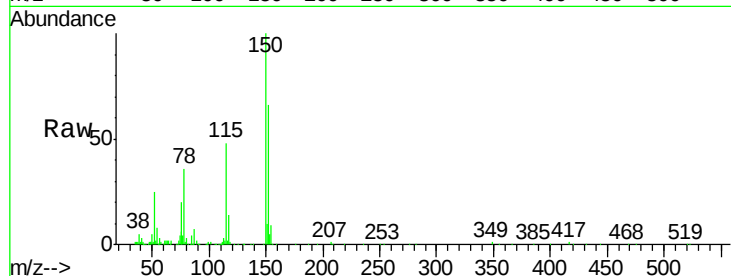
Tot Ion:152 Resp: 111520

Ion Ratio Lower Upper

152 100

150 150.4 144.7 217.1

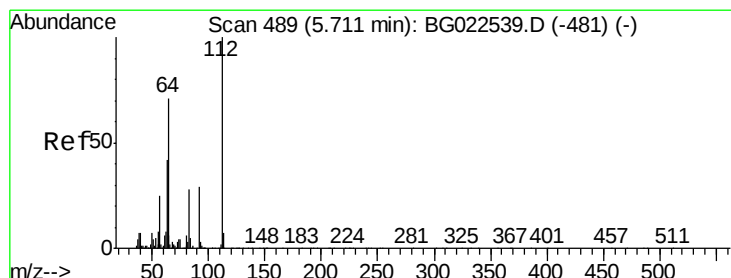
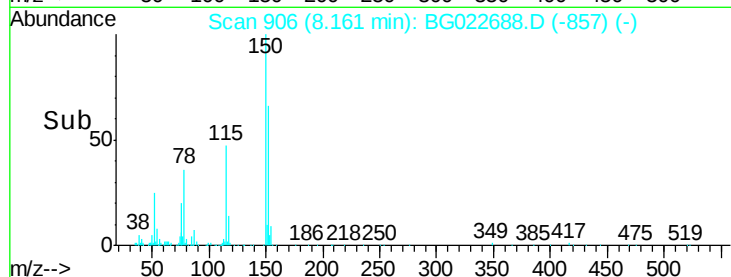
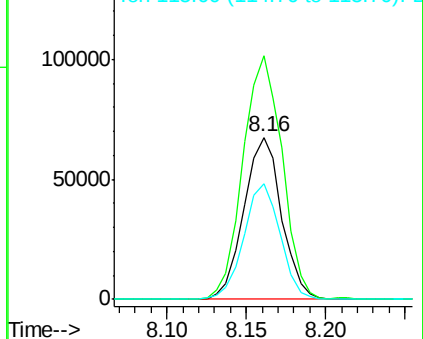
115 71.7 64.0 96.0



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: 141.53 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022688.D

Acq: 28 Jun 2016 23:06

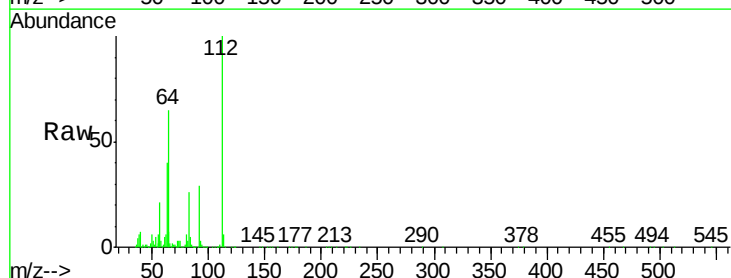
Tgt Ion:112 Resp: 984034

Ion Ratio Lower Upper

112 100

64 64.9 59.0 88.4

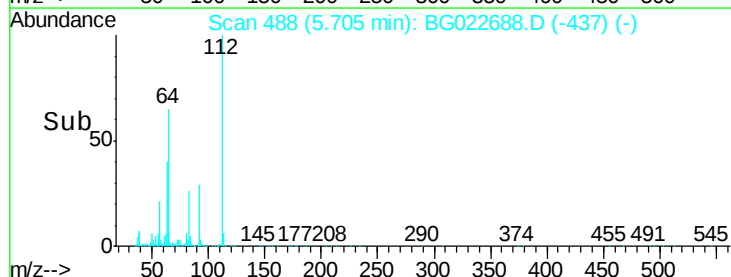
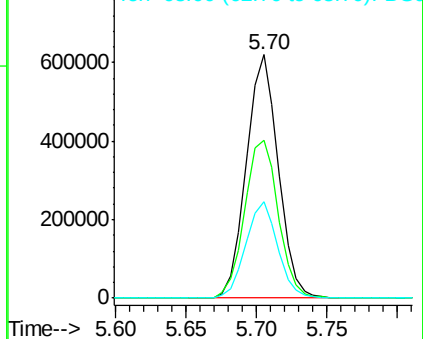
63 39.7 37.8 56.8

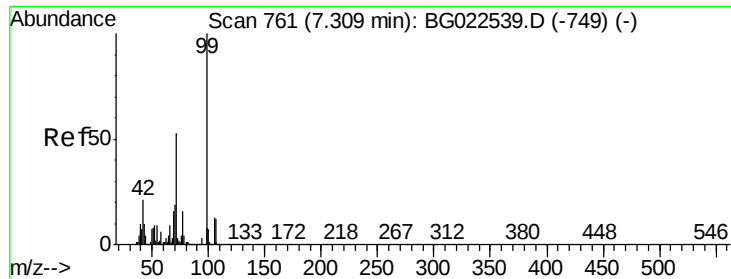


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 148.36 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022688.D

Acq: 28 Jun 2016 23:06

Instrument :

BNA_G

ClientSampleId :

PB91664BL

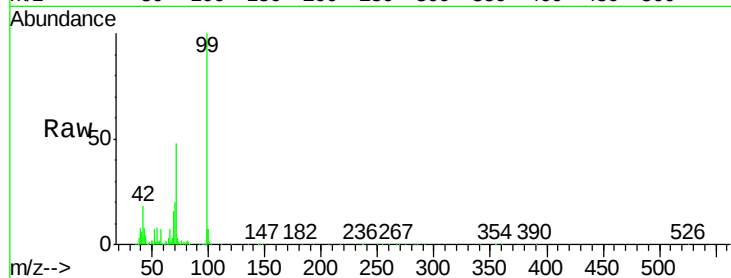
Tot Ion: 99 Resp: 1453939

Ion Ratio Lower Upper

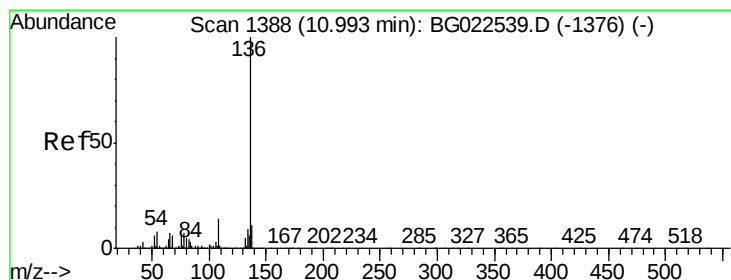
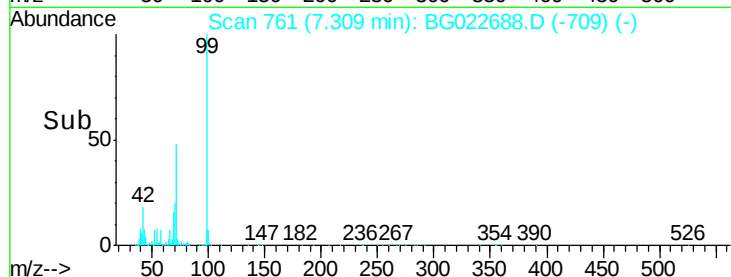
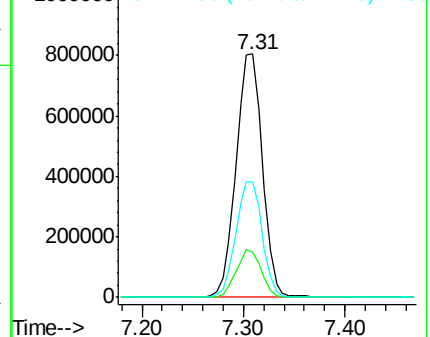
99 100

42 18.4 17.8 26.6

71 47.6 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: BG022688.D

Acq: 28 Jun 2016 23:06

Tgt Ion: 136 Resp: 472870

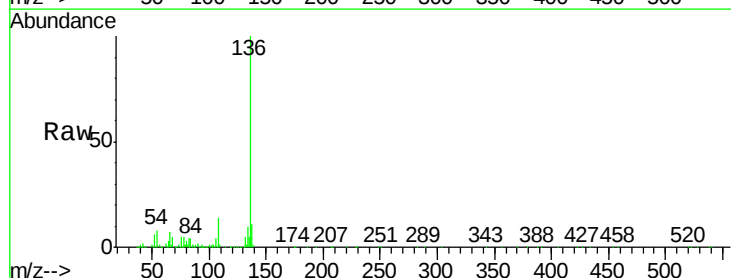
Ion Ratio Lower Upper

136 100

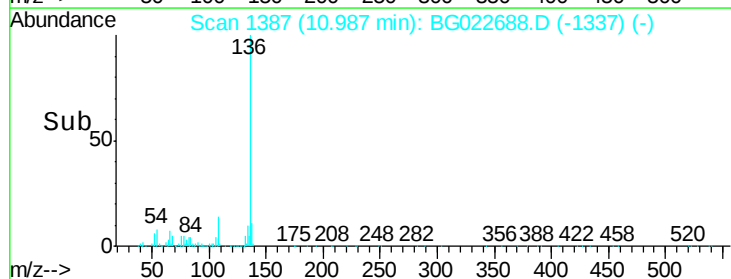
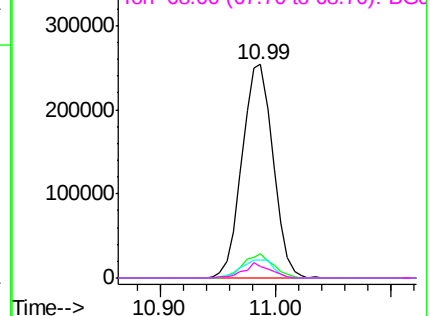
137 11.3 9.6 14.4

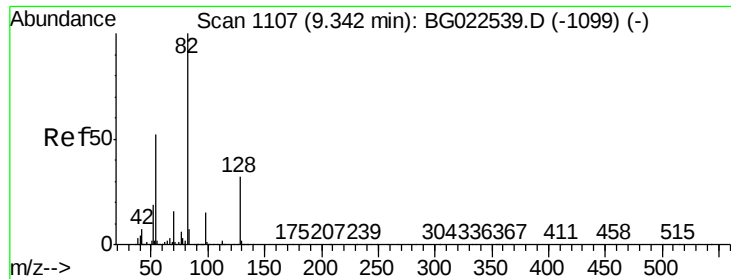
54 8.1 7.3 10.9

68 5.1 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

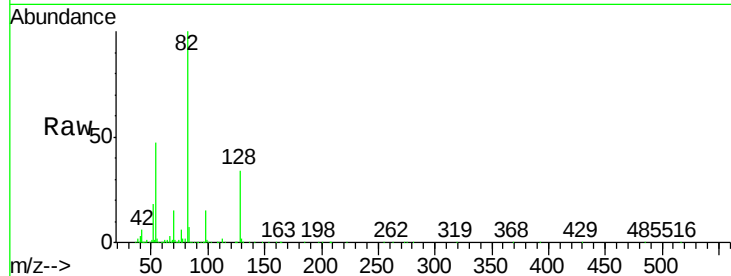




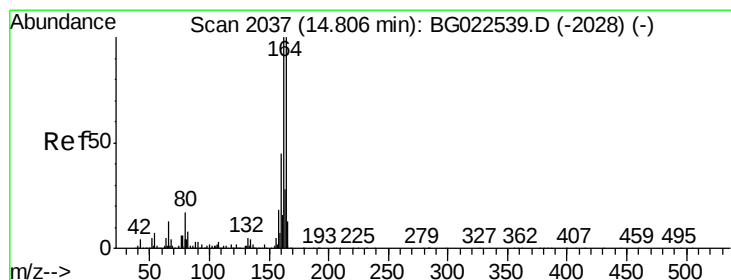
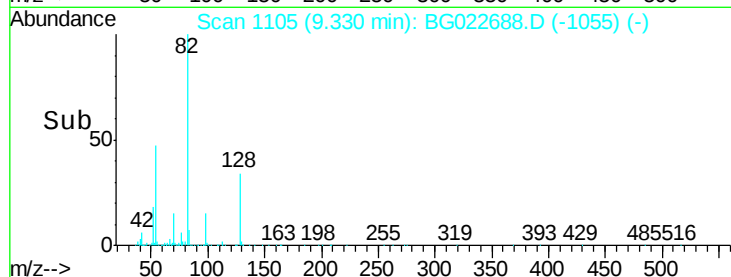
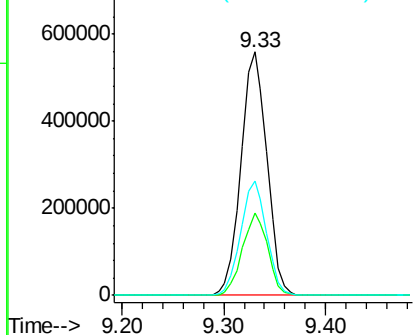
#23
 Nitrobenzene-d5
 Concen: 88.59 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Instrument :
 BNA_G
 ClientSampleID :
 PB91664BL

Tot Ion	82	Resp	989748
Ion Ratio	Lower	Upper	
82	100		
128	33.7	24.4	36.6
54	47.0	41.4	62.0

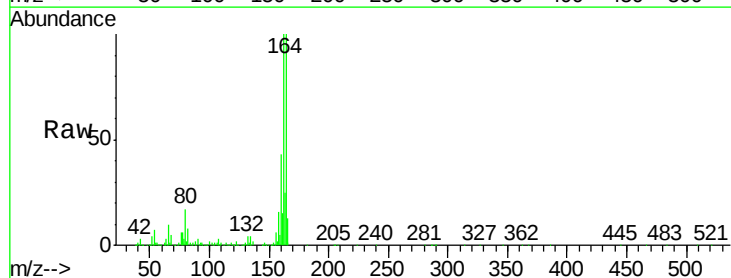


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

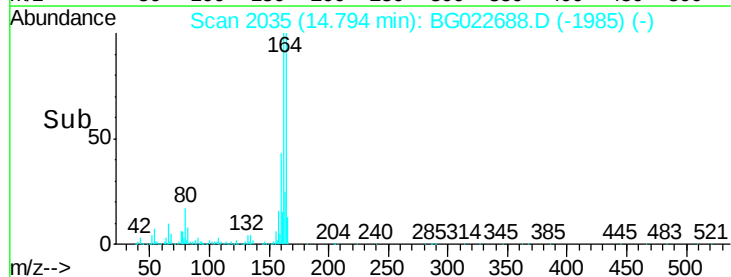
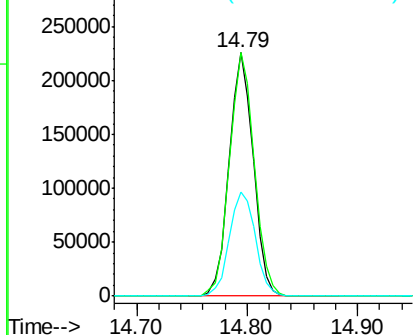


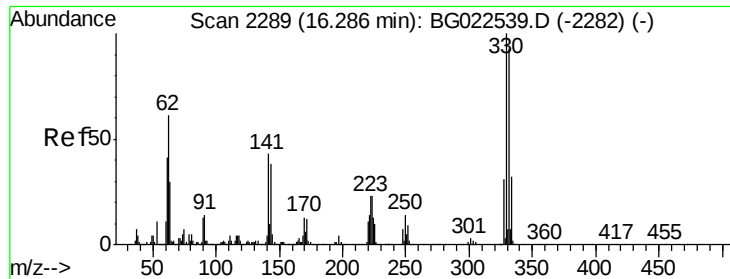
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Tgt Ion	164	Resp	346304
Ion Ratio	Lower	Upper	
164	100		
162	100.1	87.7	131.5
160	42.7	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

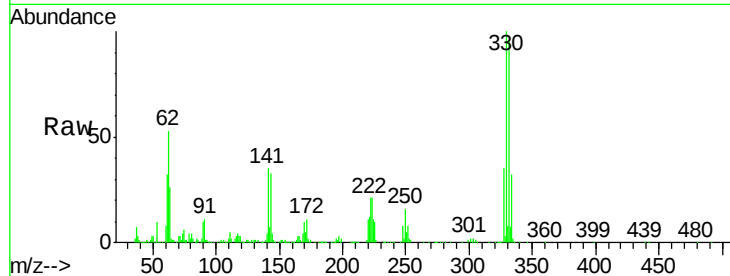




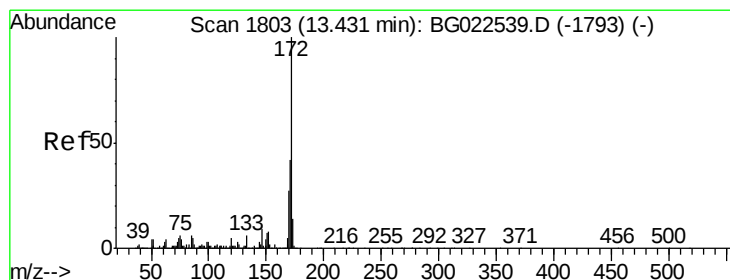
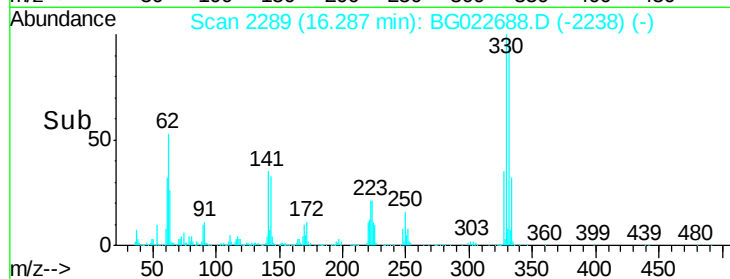
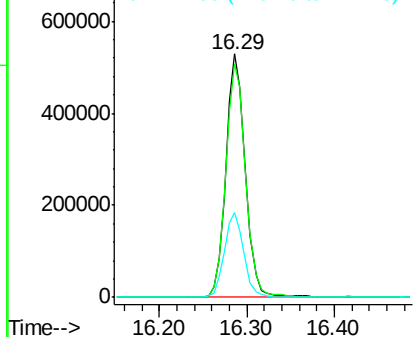
#41
 2,4,6-Tribromophenol
 Concen: 147.46 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BL

Tot Ion:330 Resp: 803172
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 35.0 31.7 47.5

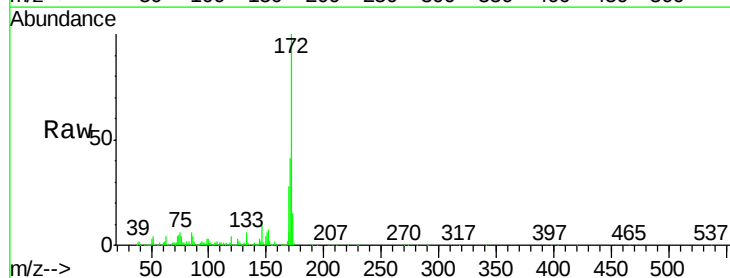


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

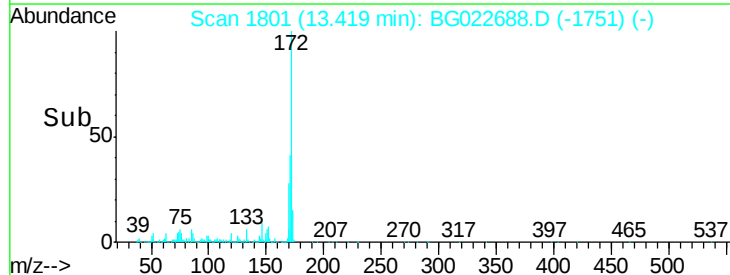
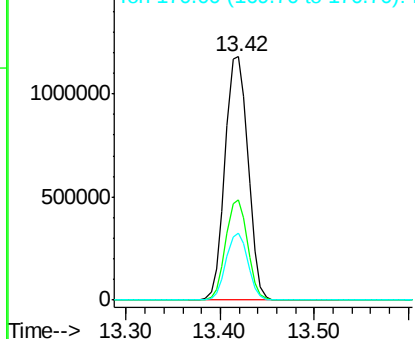


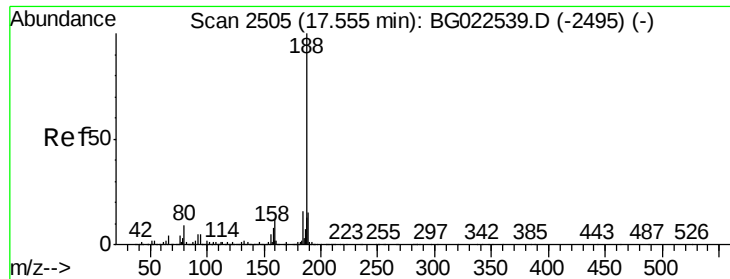
#44
 2-Fluorobiphenyl
 Concen: 92.18 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Tgt Ion:172 Resp: 2012821
 Ion Ratio Lower Upper
 172 100
 171 41.3 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

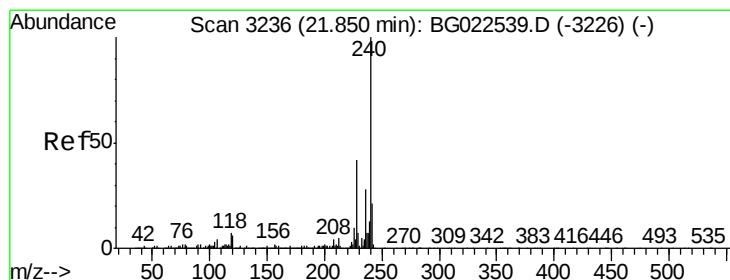
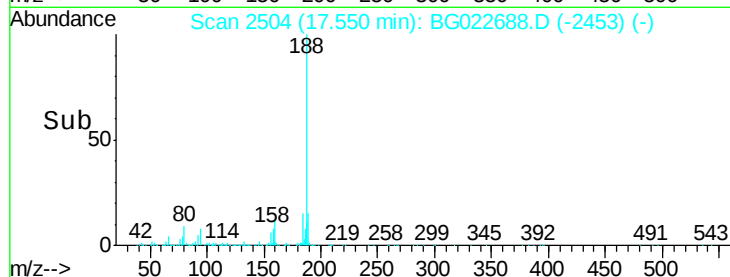
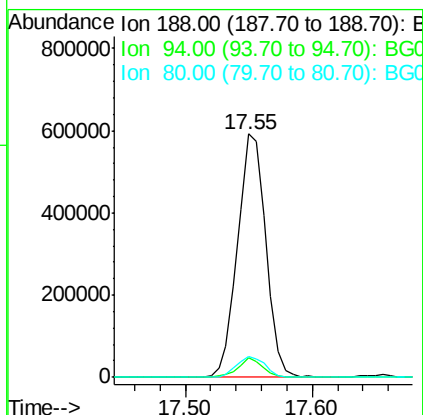
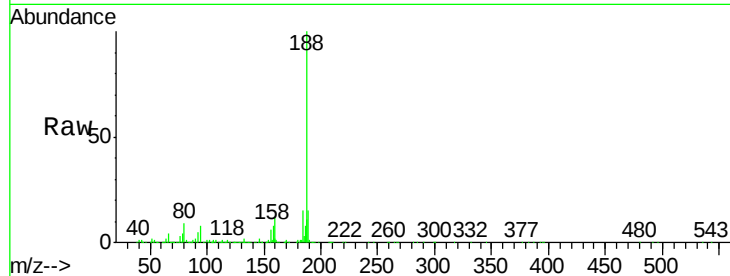




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022688.D
Acq: 28 Jun 2016 23:06

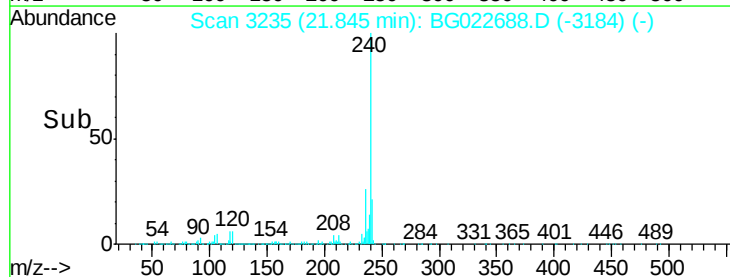
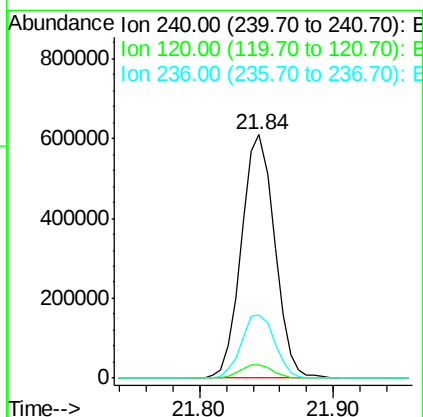
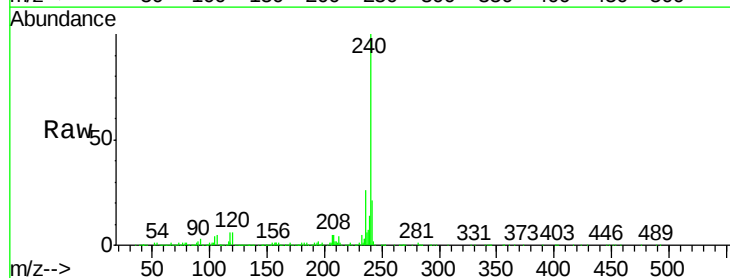
Instrument :
BNA_G
ClientSampleId :
PB91664BL

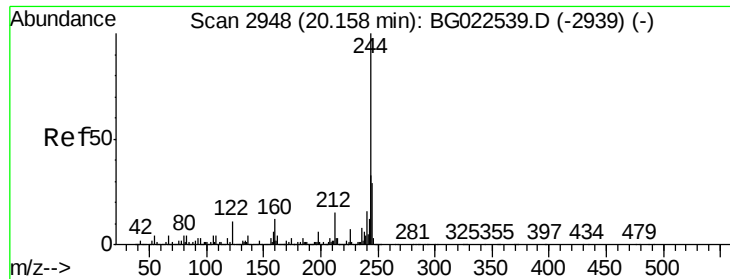
Tot Ion:188 Resp: 914018
Ion Ratio Lower Upper
188 100
94 8.1 5.2 7.8#
80 8.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022688.D
Acq: 28 Jun 2016 23:06

Tgt Ion:240 Resp: 1047542
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 25.9 21.1 31.7





#78

Terphenyl-d14

Concen: 78.47 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022688.D

Acq: 28 Jun 2016 23:06

Instrument :

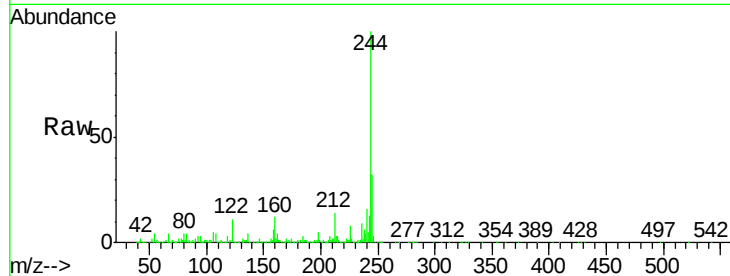
BNA_G

ClientSampleId :

PB91664BL

Tot Ion:244 Resp: 3102646

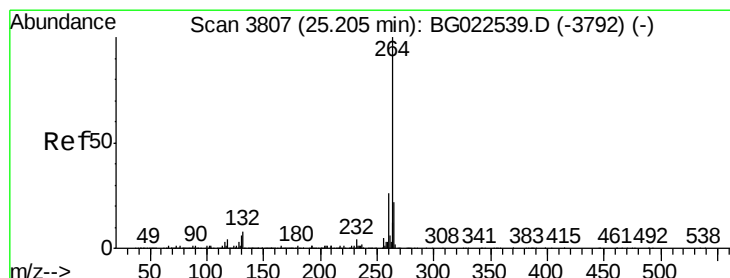
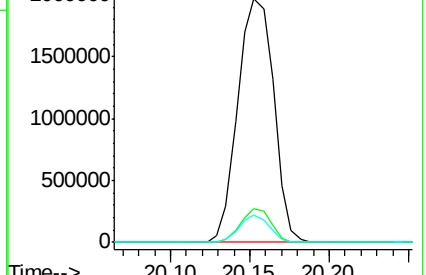
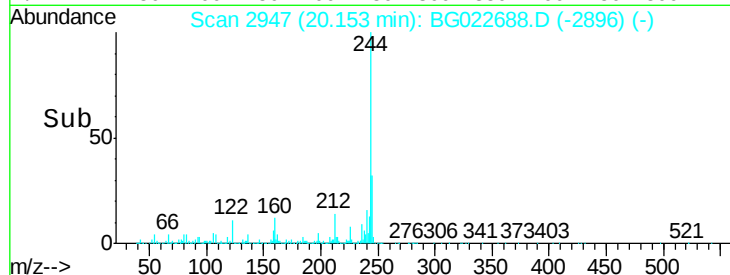
Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	11.0	8.0	12.0



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: 25.20 min Scan# 3806

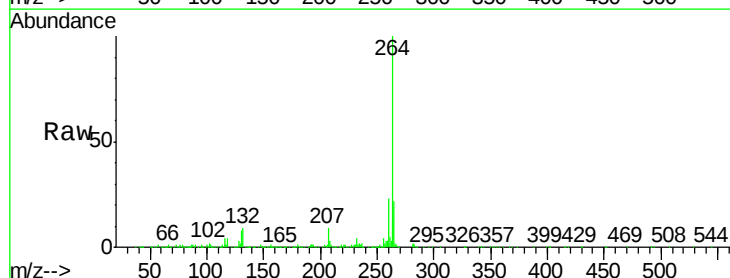
Delta R.T. -0.01 min

Lab File: BG022688.D

Acq: 28 Jun 2016 23:06

Tgt Ion:264 Resp: 1026067

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.4	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

