

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 03:59:49 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

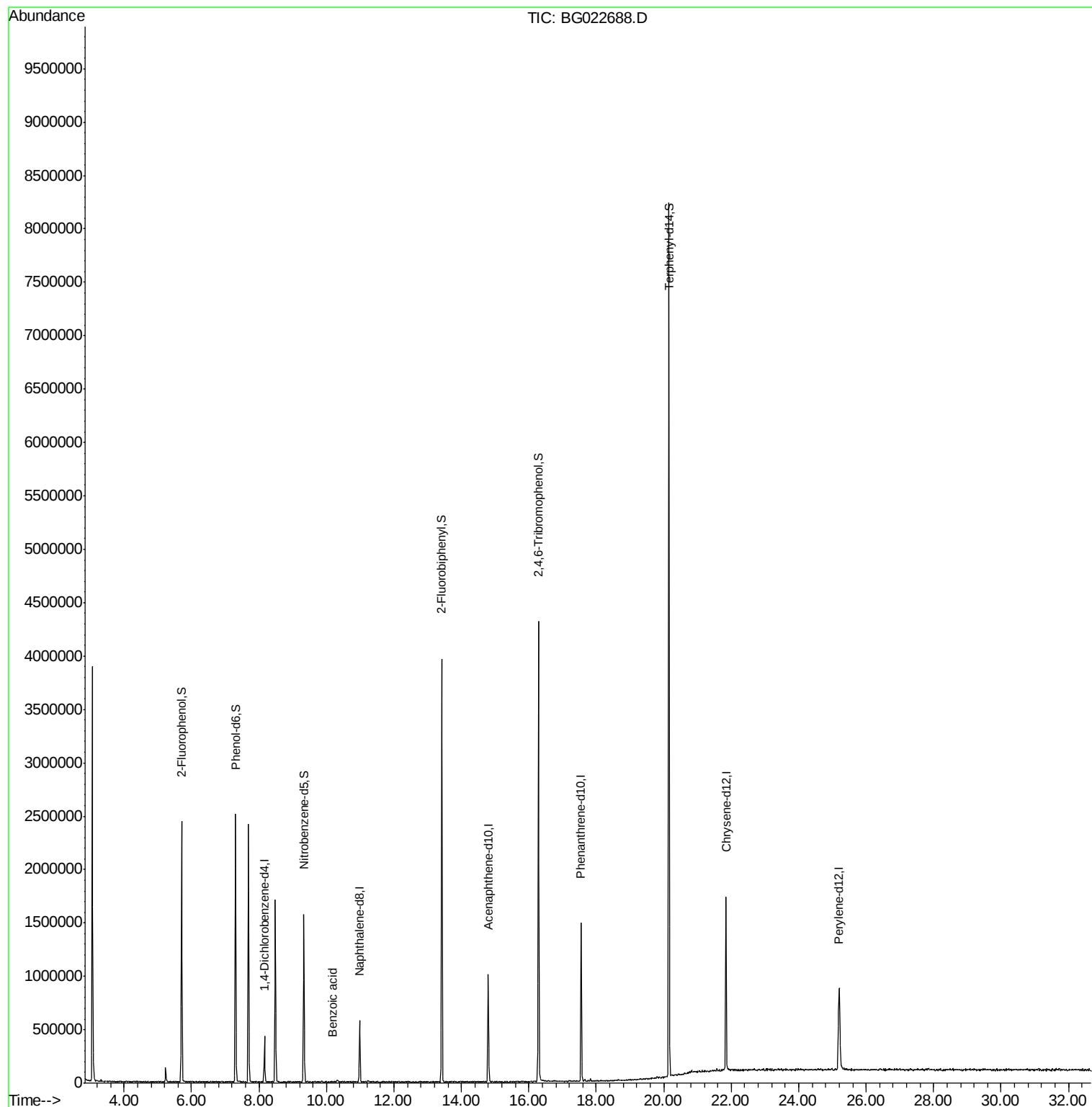
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	111520	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	472870	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	346304	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	914018	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1047542	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						
32) Benzoic acid	10.18	122	160	5.14	ng	Qvalue # 1

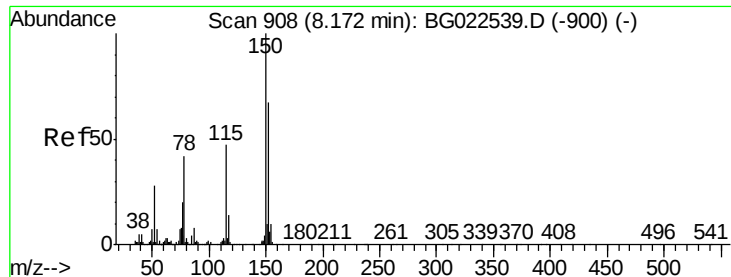
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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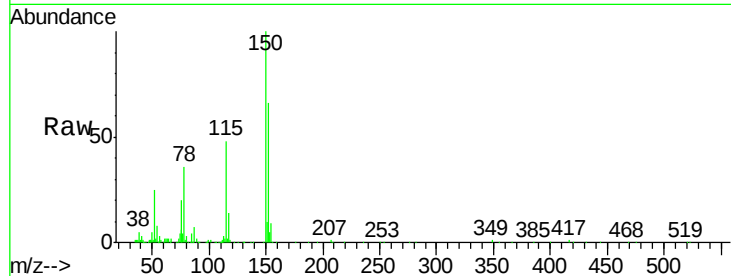


#1

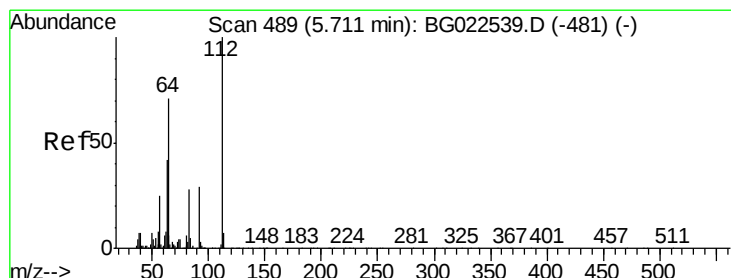
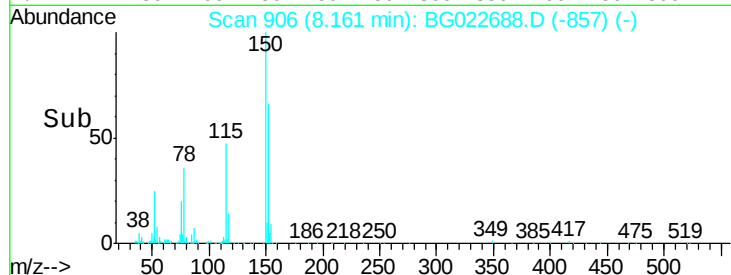
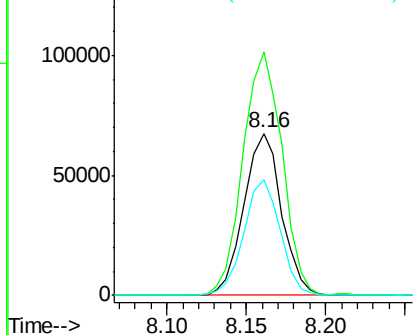
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022688.D
Acq: 28 Jun 2016 23:06

Instrument :
BNA_G
ClientSampleId :
PB91664BL

Tgt Ion:152 Resp: 111520
Ion Ratio Lower Upper
152 100
150 150.4 144.7 217.1
115 71.7 64.0 96.0



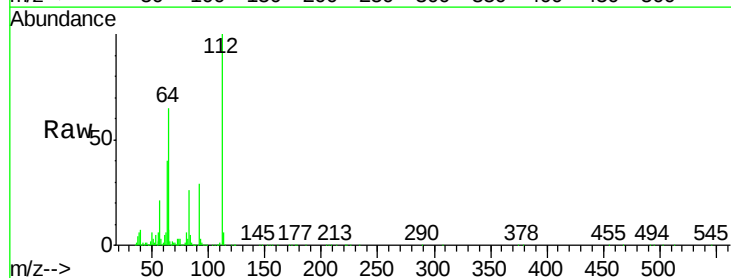
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



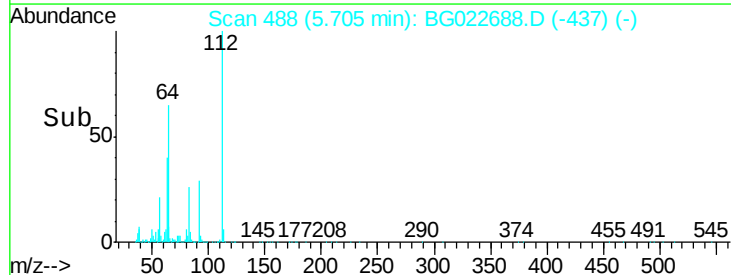
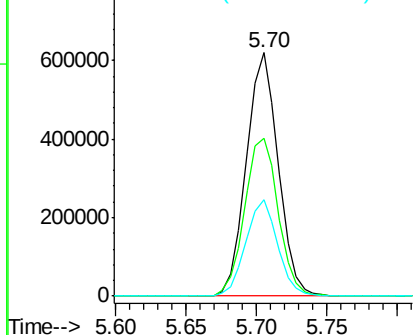
#5

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 :

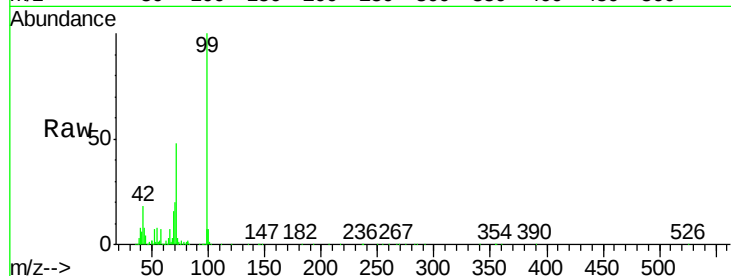
BNA_G

ClientSampleId :

PB91664BL

Tgt Ion: 99 Resp: 1453939

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.8	26.6
71	47.6	41.5	62.3

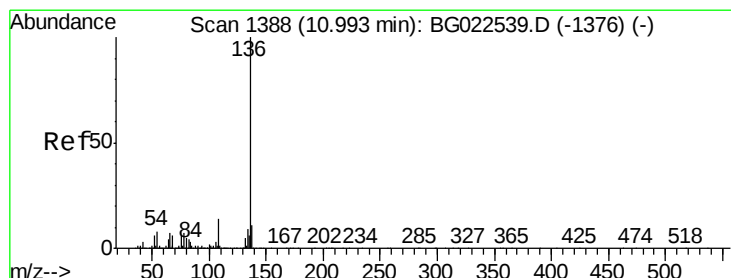
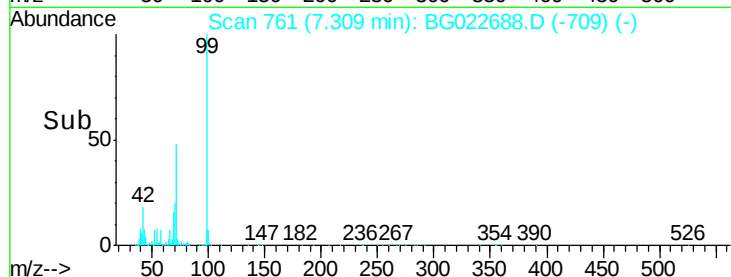
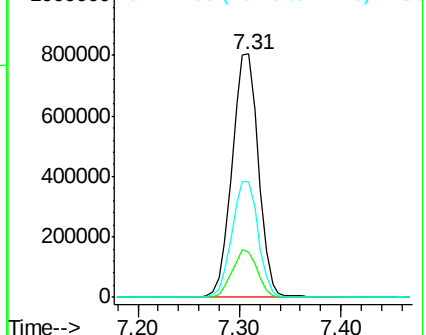


Abundance

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

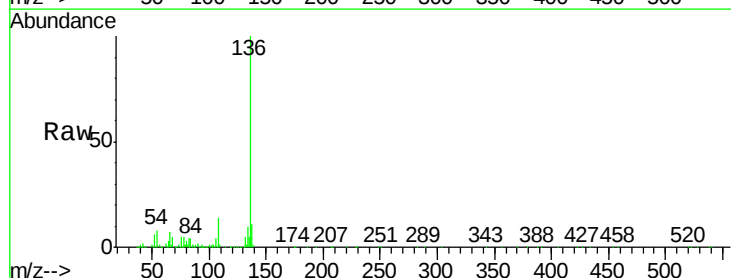
Delta R.T. -0.01 min

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#



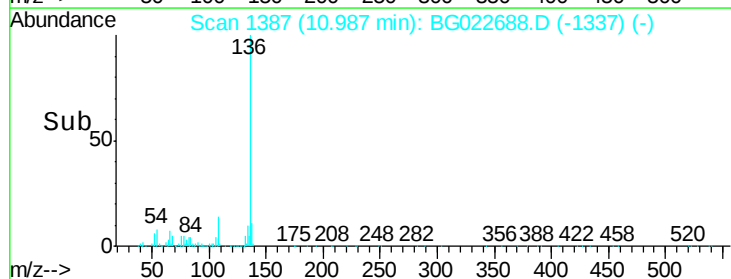
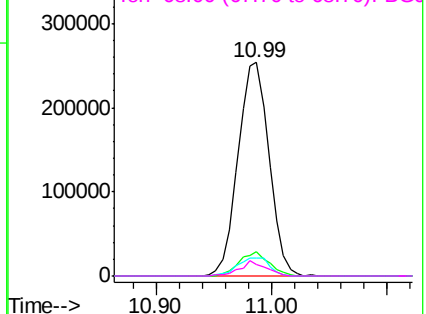
Abundance

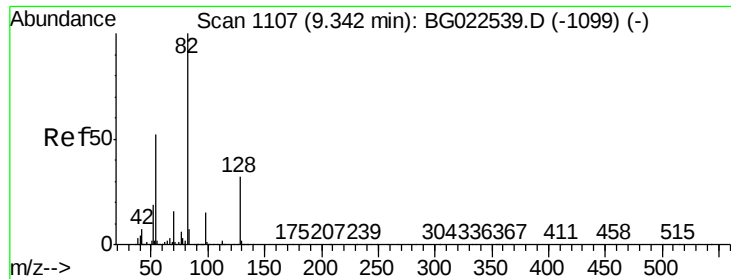
Ion 136.00 (135.70 to 136.70): BGC

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

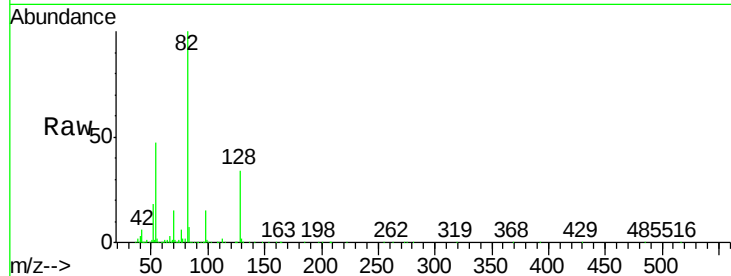




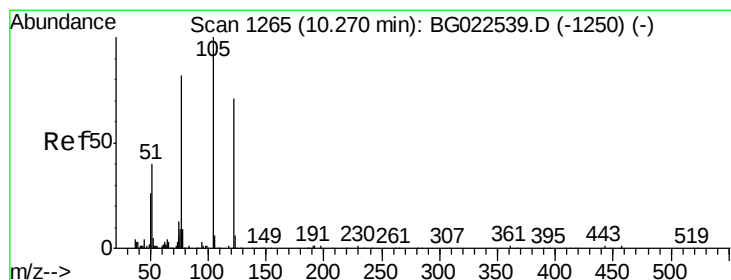
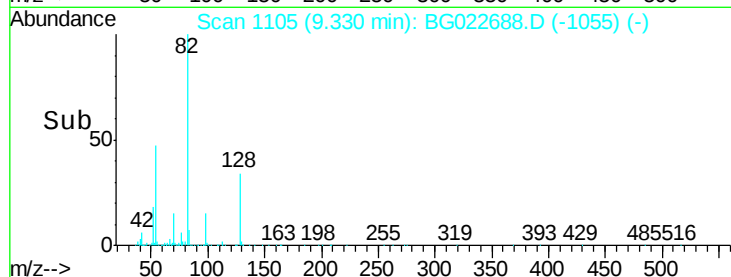
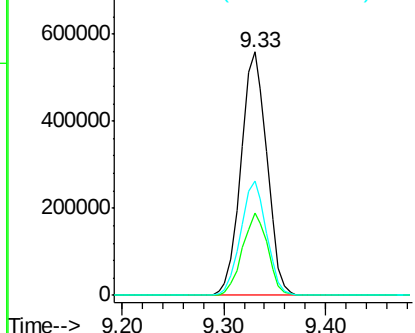
#23
 Nitrobenzene-d5
 Concen: 88.59 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BL

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

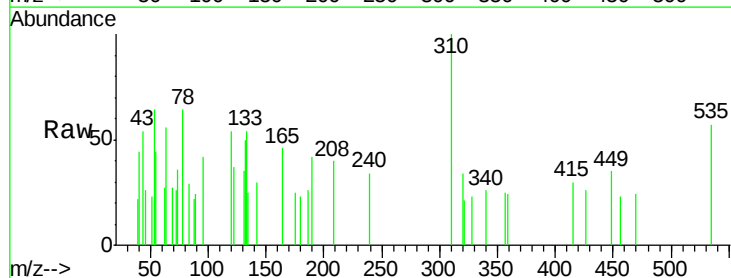


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

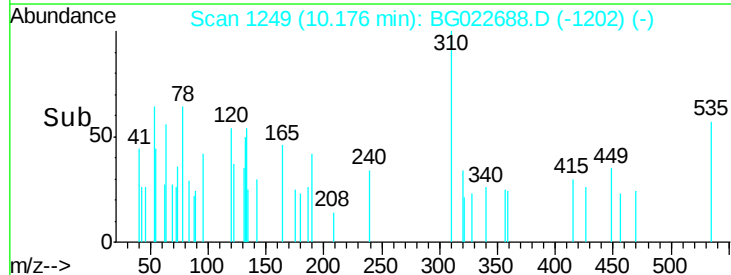
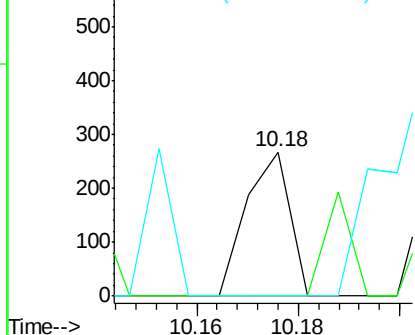


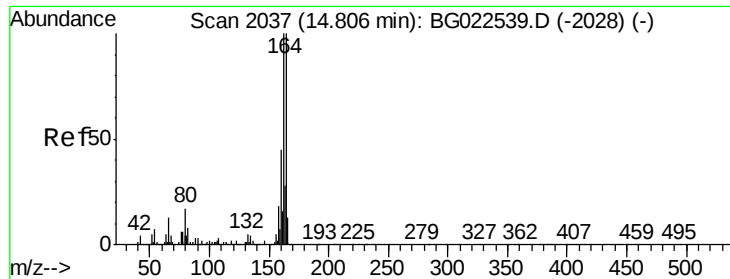
#32
 Benzoic acid
 Concen: 5.14 ng
 RT: 10.18 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BG022688.D
 Acq: 28 Jun 2016 23:06

Tgt Ion: 122 Resp: 160
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): 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

Instrument :

BNA_G

ClientSampleId :

PB91664BL

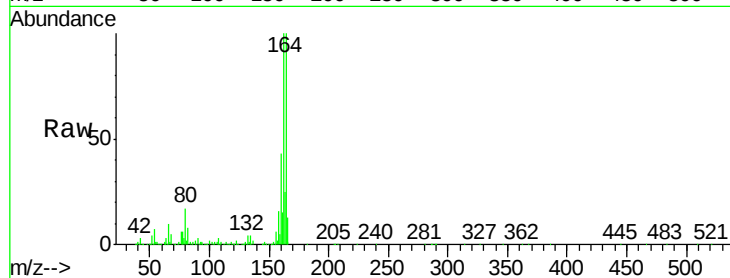
Tgt Ion:164 Resp: 346304

Ion Ratio Lower Upper

164 100

162 100.1 87.7 131.5

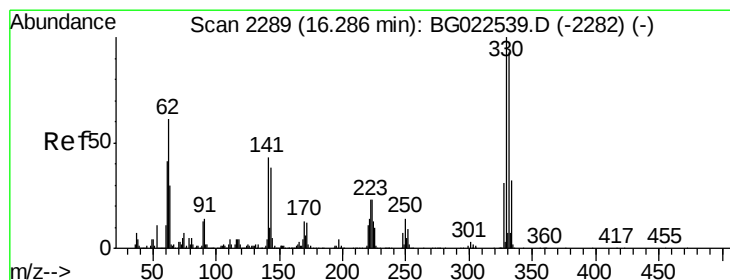
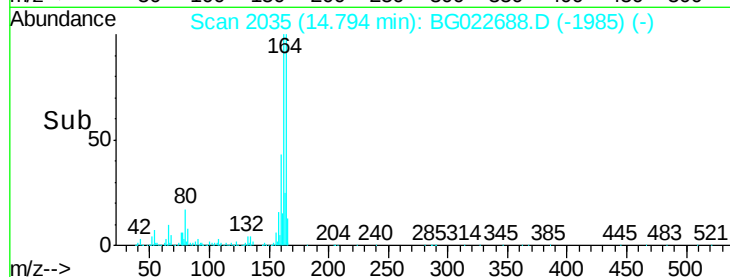
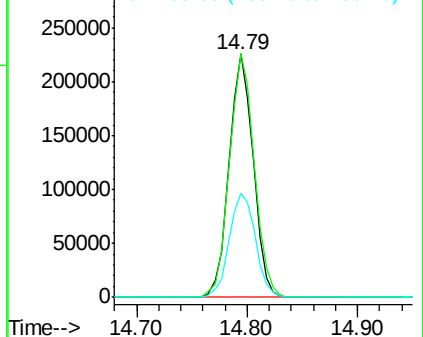
160 42.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

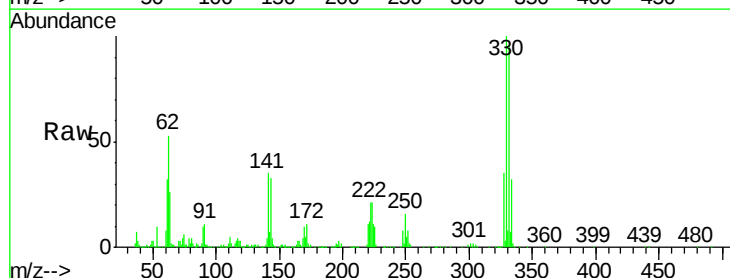
Tgt Ion:330 Resp: 803172

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

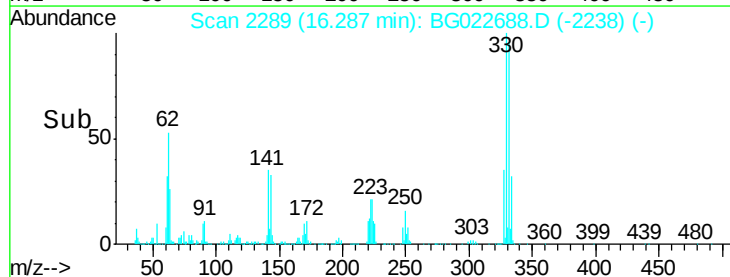
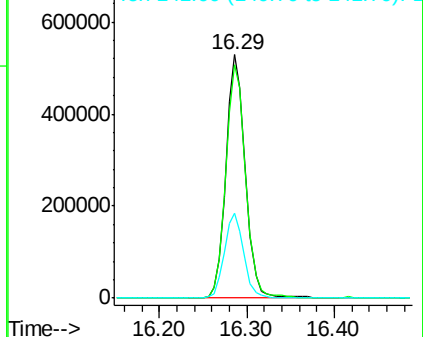
141 35.0 31.7 47.5

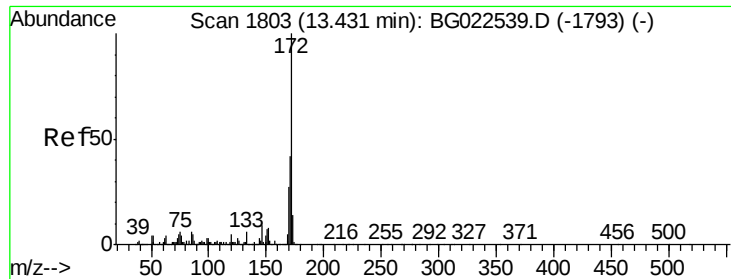


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

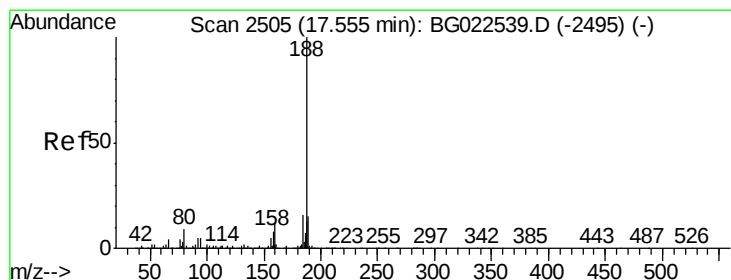
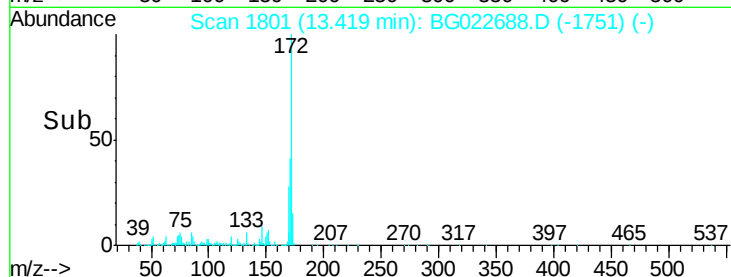
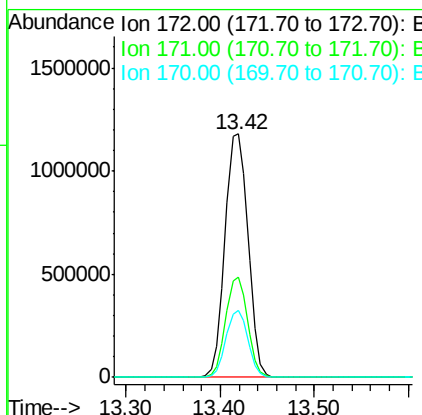
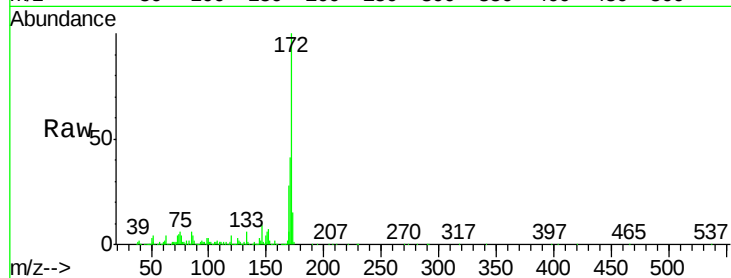




#44
2-Fluorobiphenyl
Concen: 92.18 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022688.D
Acq: 28 Jun 2016 23:06

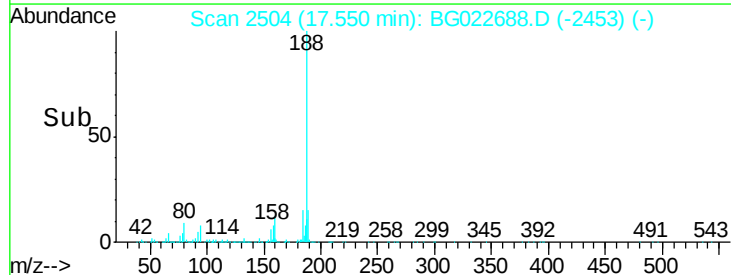
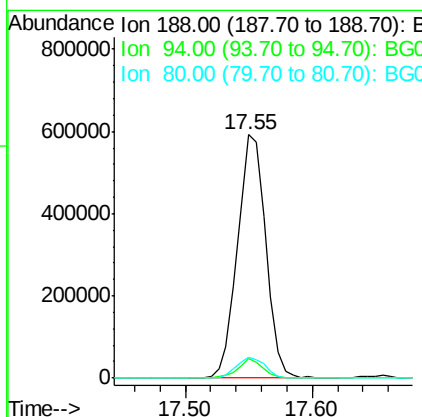
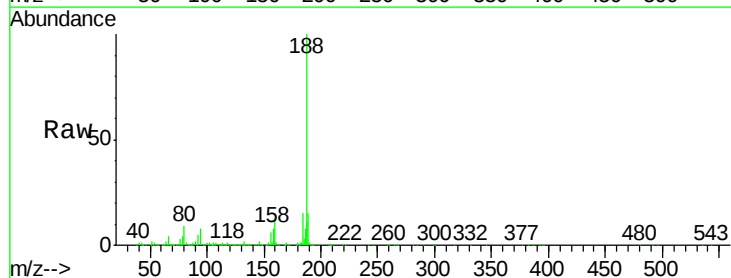
Instrument :
BNA_G
ClientSampleId :
PB91664BL

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



#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

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

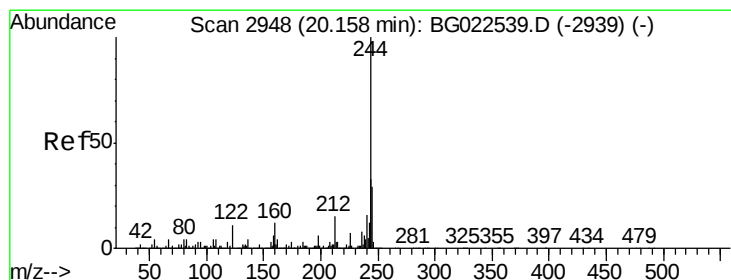
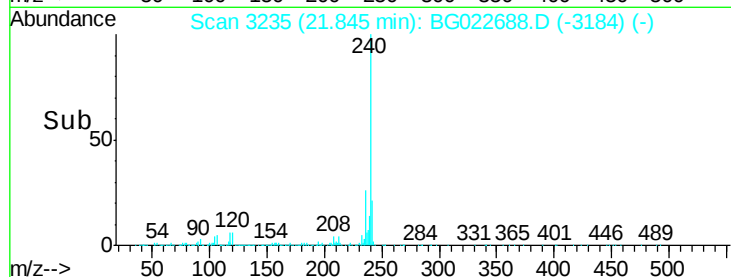
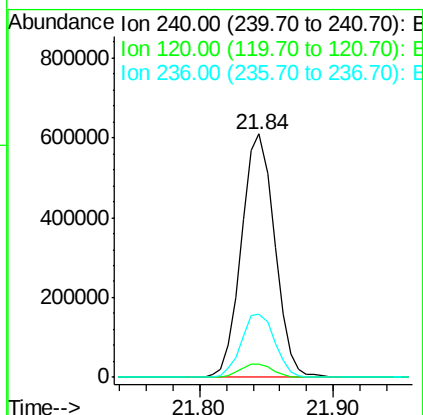
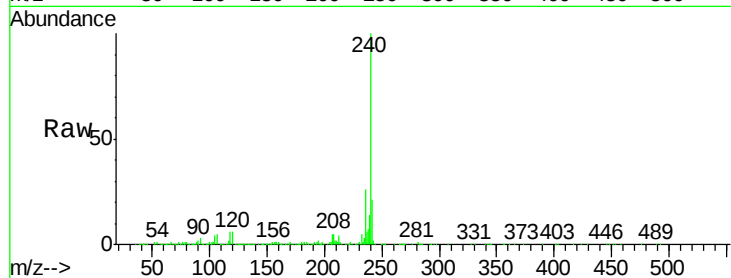




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022688.D
Acq: 28 Jun 2016 23:06

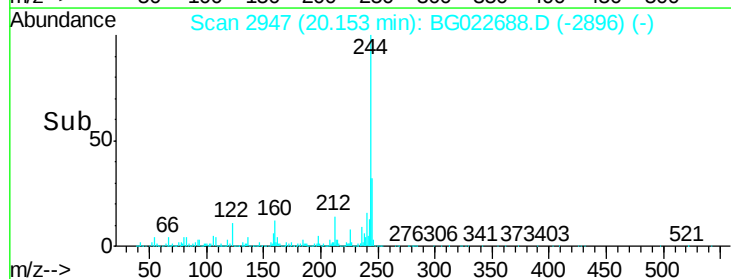
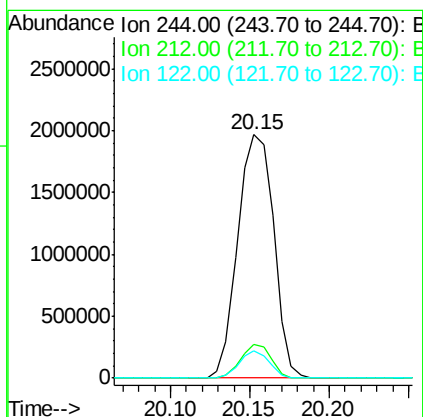
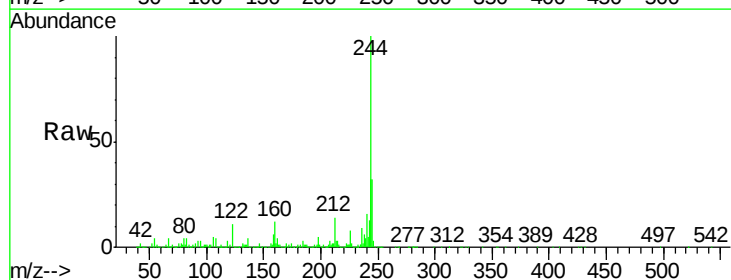
Instrument :
BNA_G
ClientSampleId :
PB91664BL

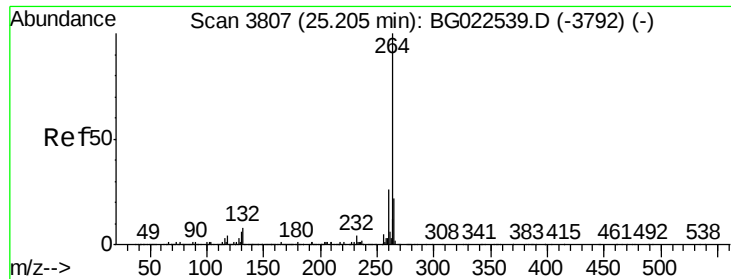
Tgt Ion:240 Resp: 1047542
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 25.9 21.1 31.7



#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

Tgt Ion:244 Resp: 3102646
Ion Ratio Lower Upper
244 100
212 14.1 10.8 16.2
122 11.0 8.0 12.0





#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

Instrument :
BNA_G
ClientSampleId :
PB91664BL

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

