

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022621.D
 Acq On : 26 Jun 2016 22:44
 Operator : UM/SJ
 Sample : PB91574BL
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:14:23 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

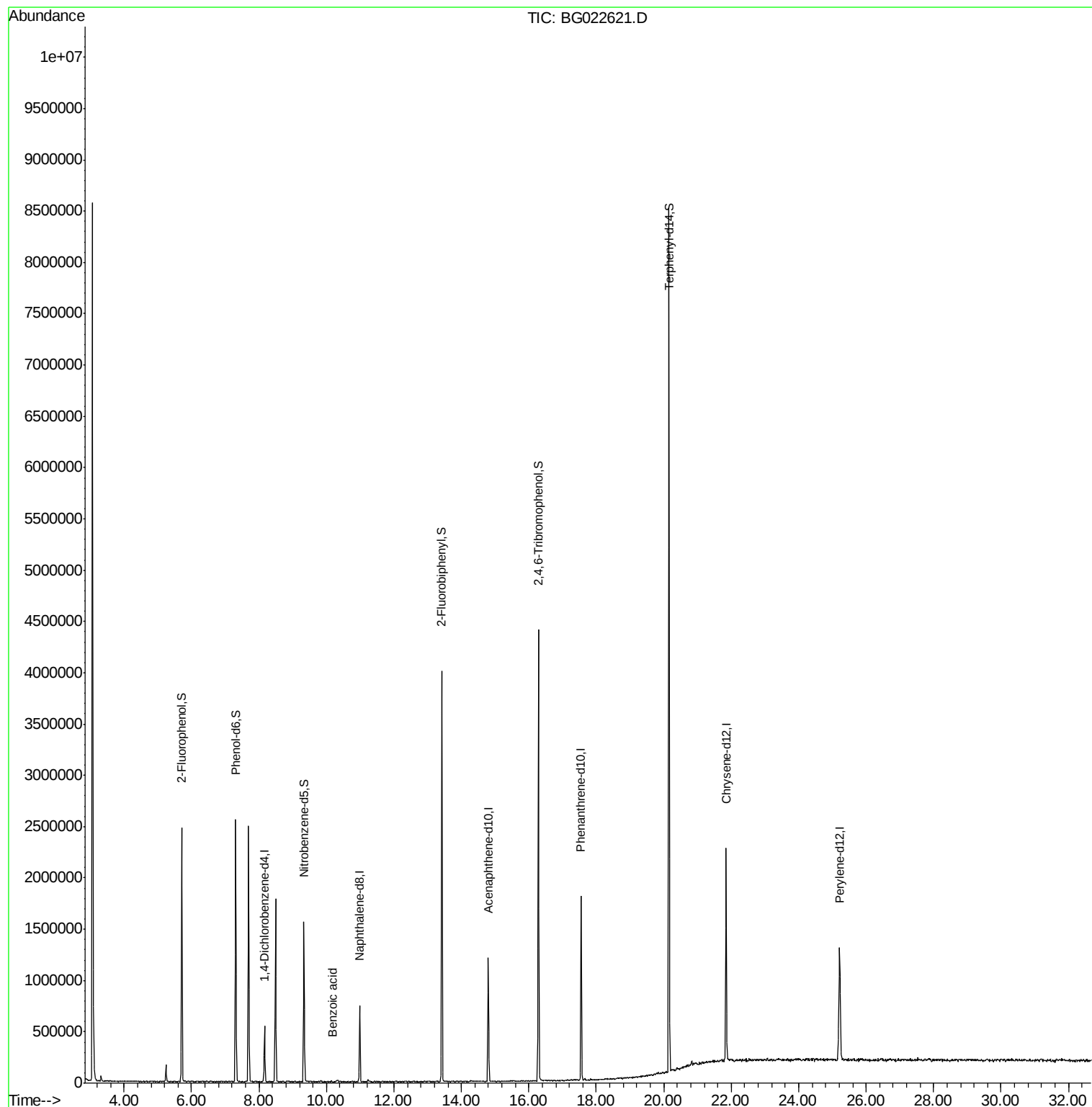
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	140890	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	571381	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	410986	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1112445	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1269460	20.00	ng	0.00
86) Perylene-d12	25.21	264	1283389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	992588	113.00	ng	0.00
7) Phenol-d6	7.31	99	1430080	115.50	ng	0.01
23) Nitrobenzene-d5	9.33	82	980916	72.66	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	797661	123.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1921218	74.13	ng	0.00
78) Terphenyl-d14	20.16	244	3056290	63.79	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	61	5.12	ng	Qvalue # 1

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

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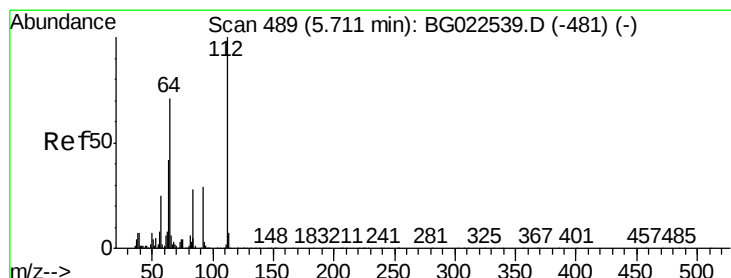
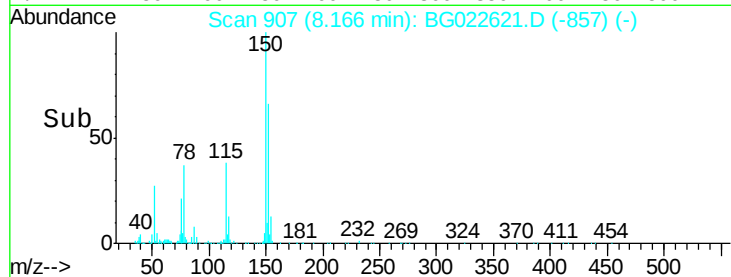
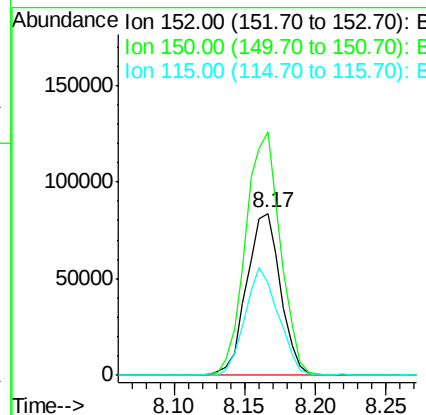
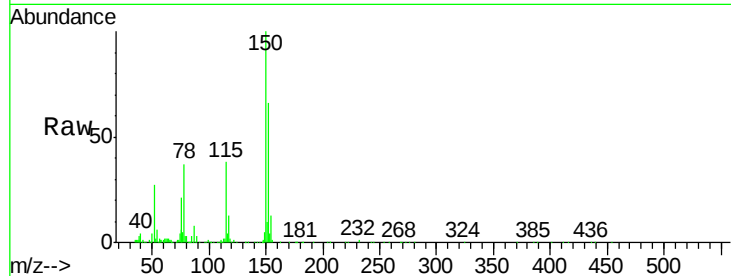


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022621.D
Acq: 26 Jun 2016 22:44

Instrument :
BNA_G
ClientSampleId :

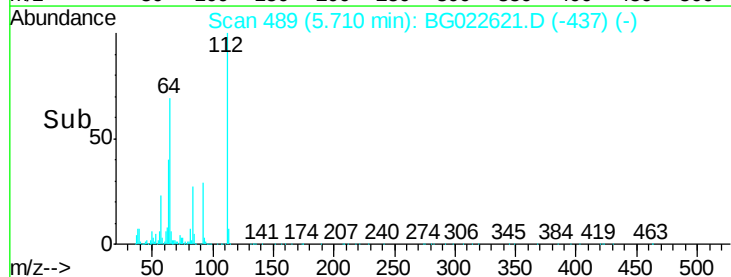
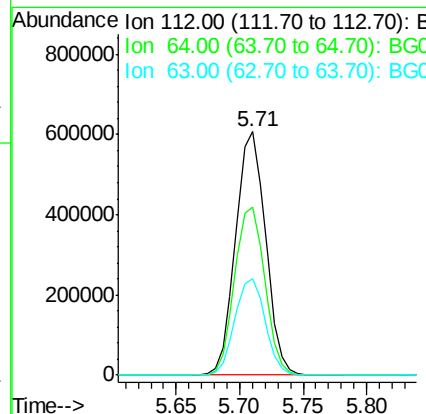
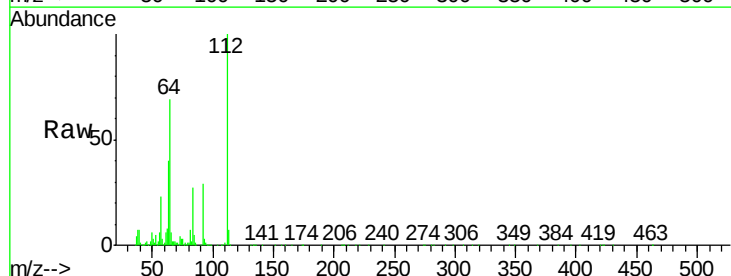
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	144.7	217.1
115	57.3	64.0	96.0



#5

2-Fluorophenol
Concen: 113.00 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG022621.D
Acq: 26 Jun 2016 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	59.0	88.4
63	39.8	37.8	56.8





#7

Phenol-d6

Concen: 115.50 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

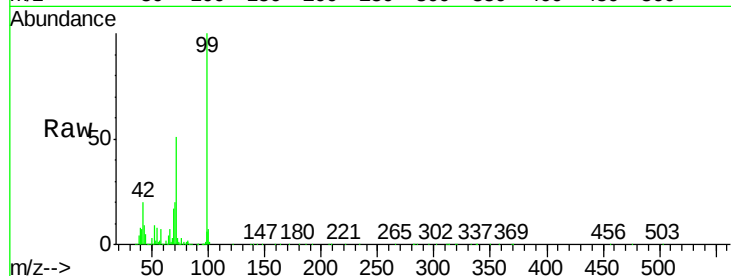
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1430080

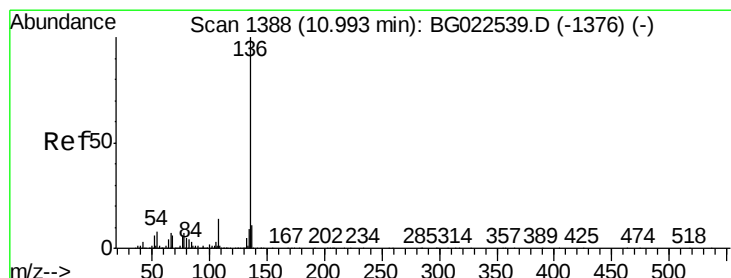
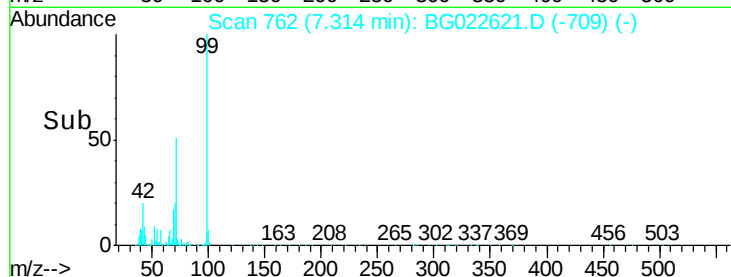
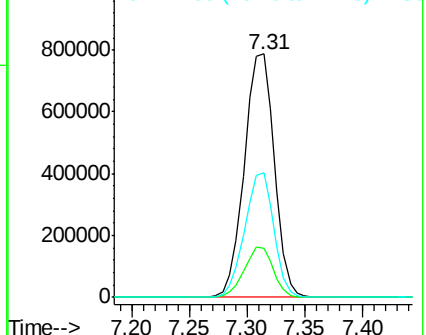
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	51.0	41.5	62.3



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

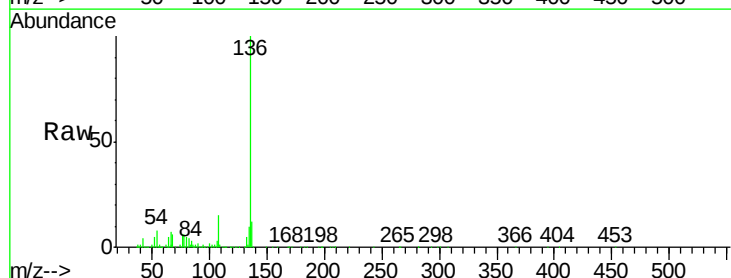
Delta R.T. -0.01 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

Tgt Ion: 136 Resp: 571381

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	8.3	7.3	10.9
68	6.1	5.3	7.9

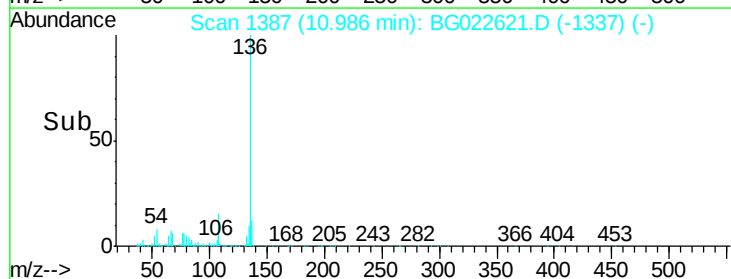
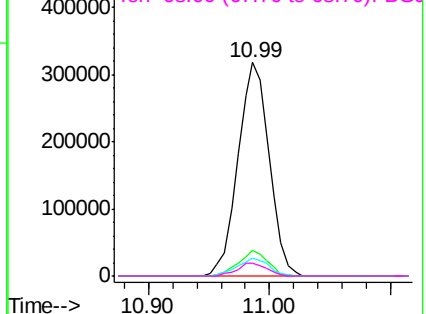


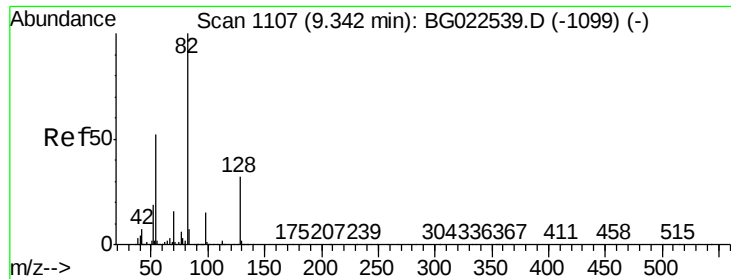
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

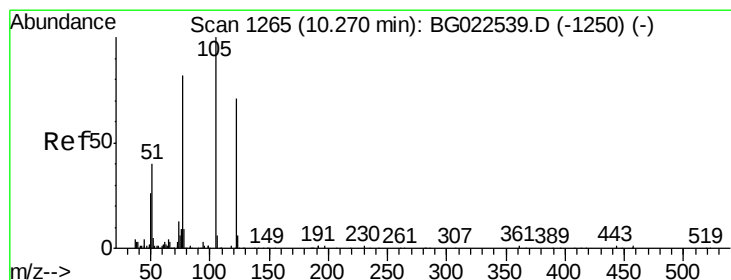
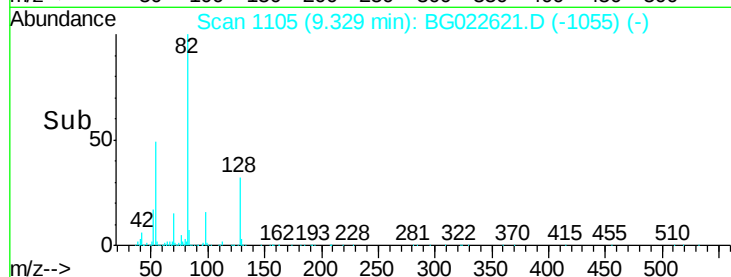
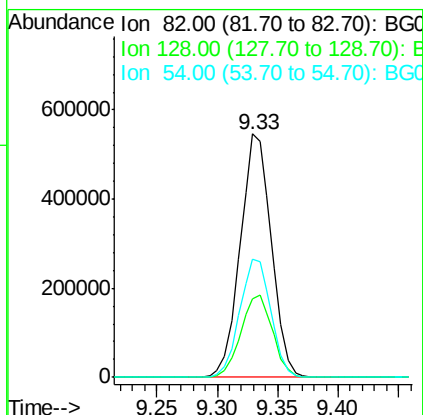
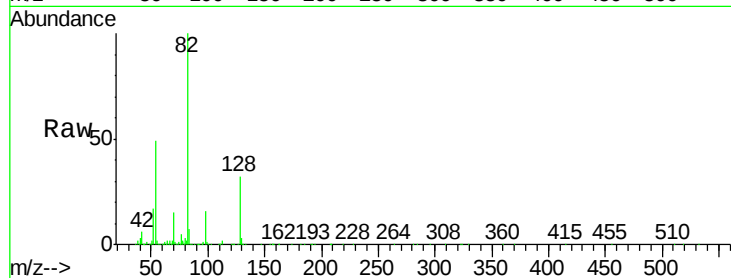




#23
 Nitrobenzene-d5
 Concen: 72.66 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022621.D
 Acq: 26 Jun 2016 22:44

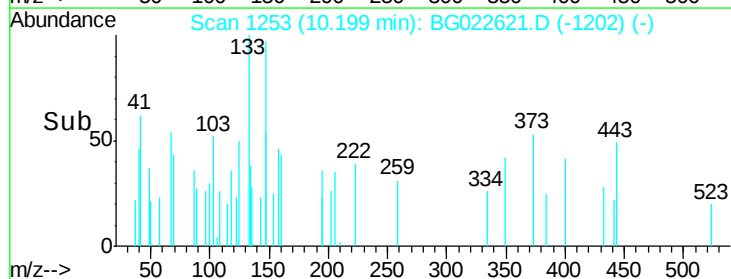
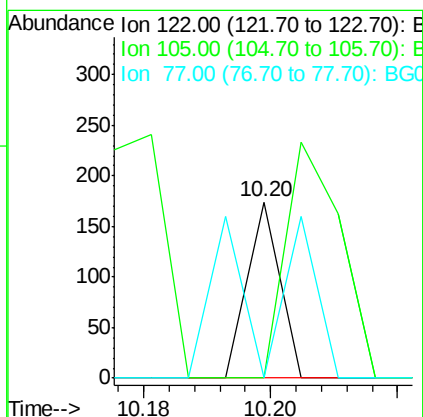
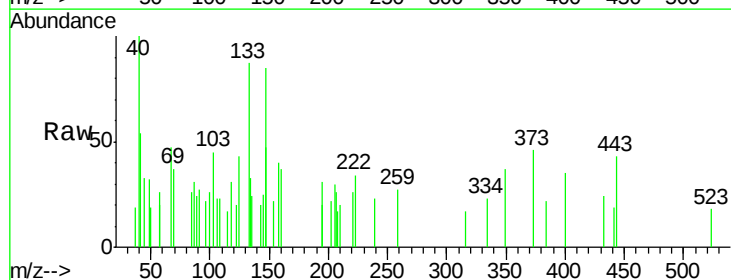
Instrument :
 BNA_G
 ClientSampleId :

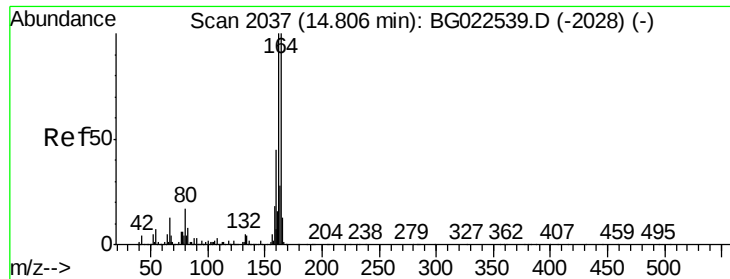
Tot Ion	82	Resp	980916
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	48.5	41.4	62.0



#32
 Benzoic acid
 Concen: 5.12 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG022621.D
 Acq: 26 Jun 2016 22:44

Tgt Ion	122	Resp	61
Ion Ratio	Lower	Upper	
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

Instrument :

BNA_G

ClientSampleId :

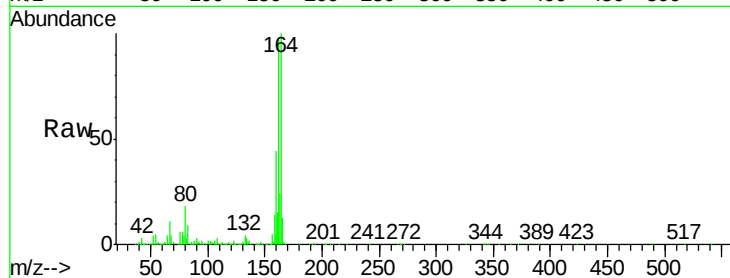
Tot Ion:164 Resp: 410986

Ion Ratio Lower Upper

164 100

162 97.4 87.7 131.5

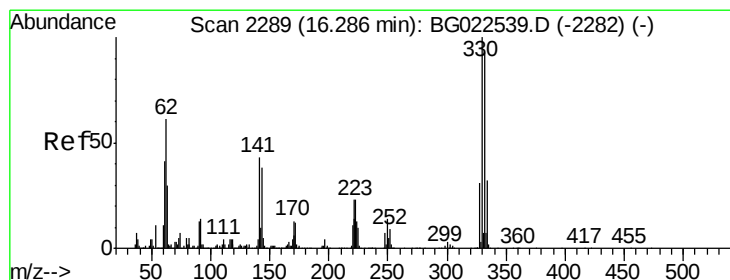
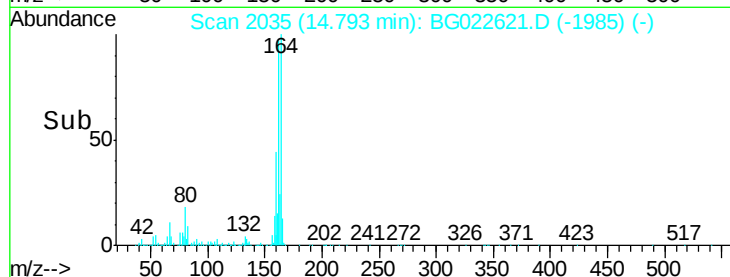
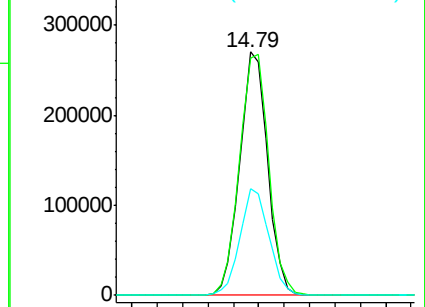
160 43.9 37.2 55.8



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: 123.40 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

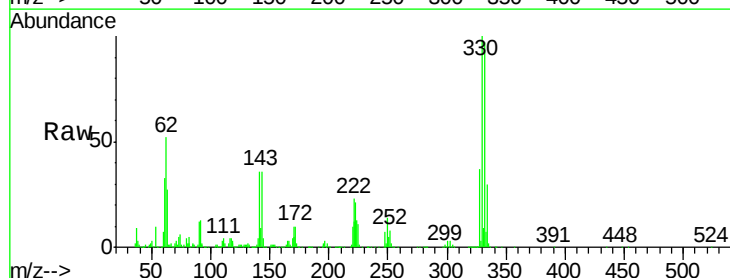
Tgt Ion:330 Resp: 797661

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

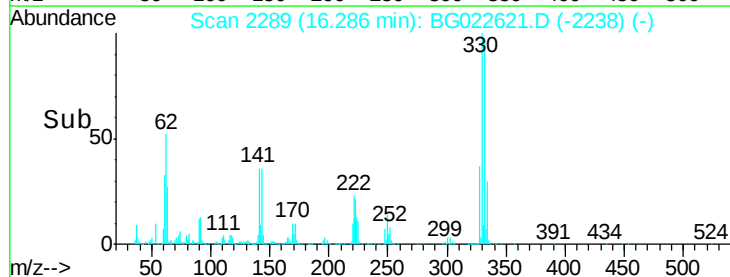
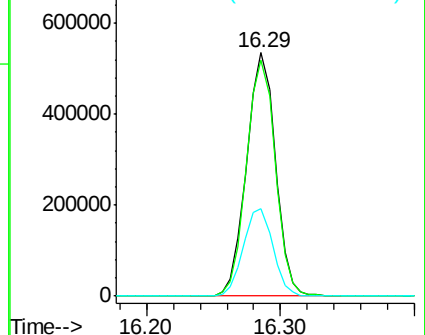
141 37.2 31.7 47.5

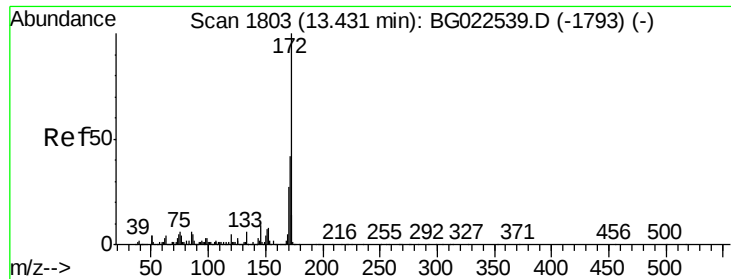


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.13 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

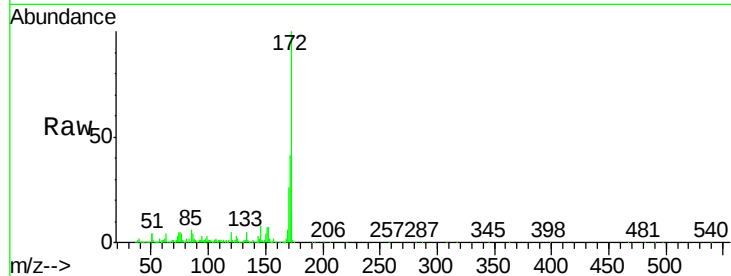
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1921218

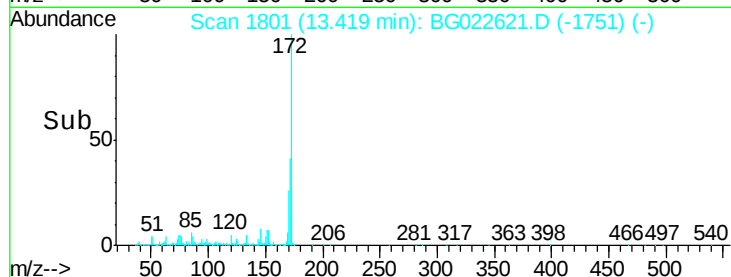
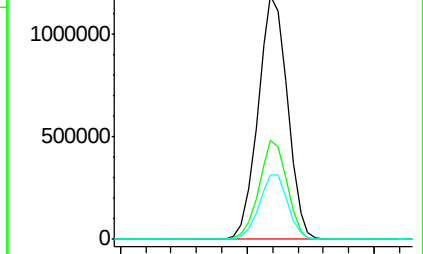
Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	26.3	21.3	31.9



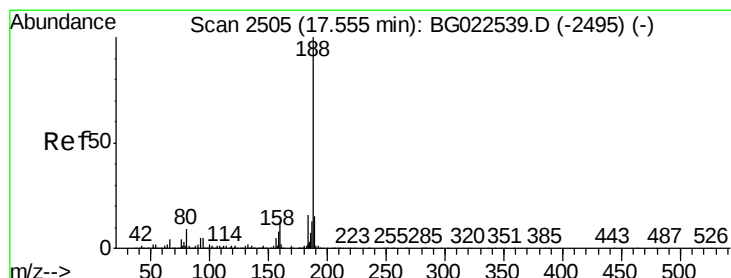
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.30 13.40 13.50



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

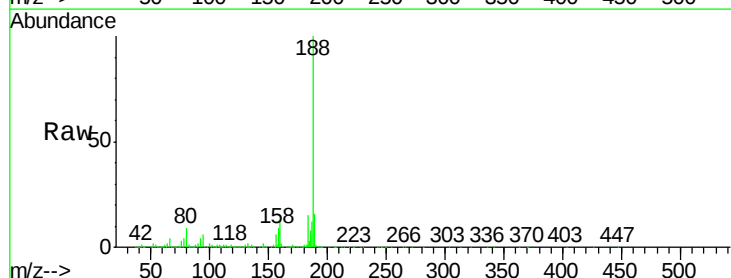
Delta R.T. -0.00 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

Tgt Ion:188 Resp: 1112445

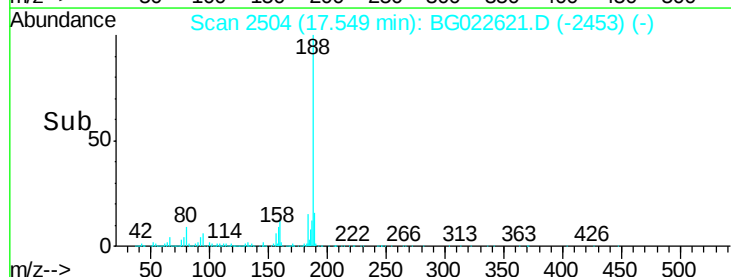
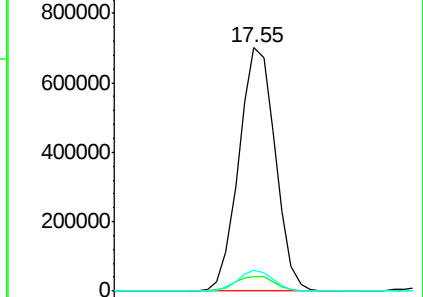
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.2	7.8
80	8.8	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



Time--> 17.50 17.55 17.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

Instrument :

BNA_G

ClientSampleId :

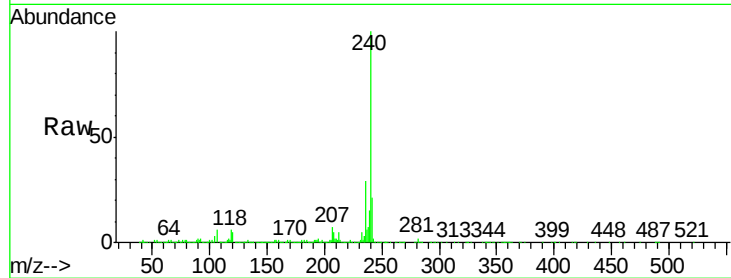
Tot Ion:240 Resp: 1269460

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

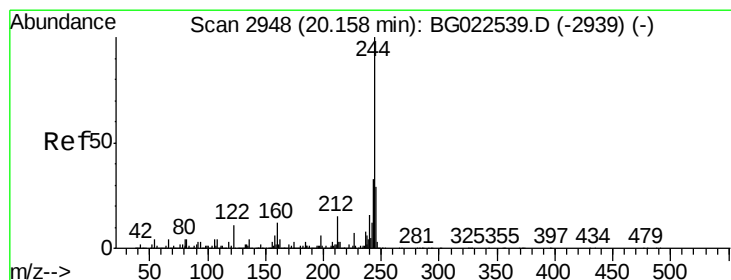
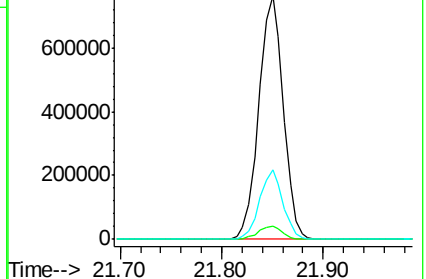
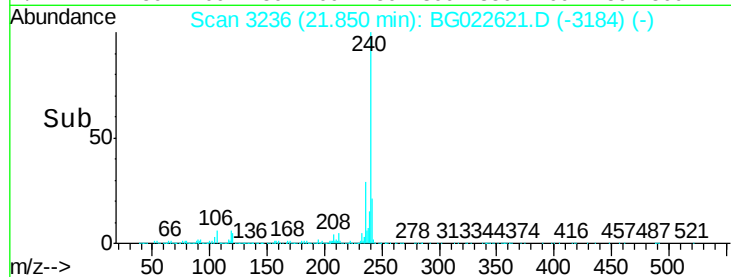
236 28.5 21.1 31.7



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: 63.79 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022621.D

Acq: 26 Jun 2016 22:44

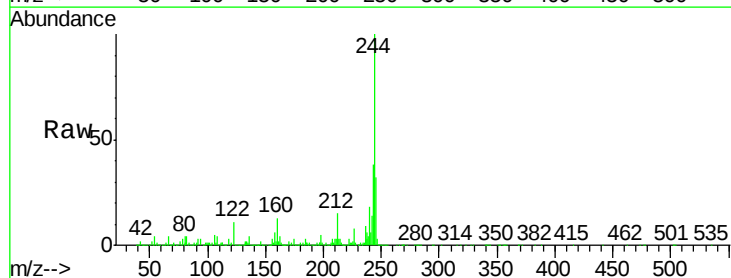
Tgt Ion:244 Resp: 3056290

Ion Ratio Lower Upper

244 100

212 14.7 10.8 16.2

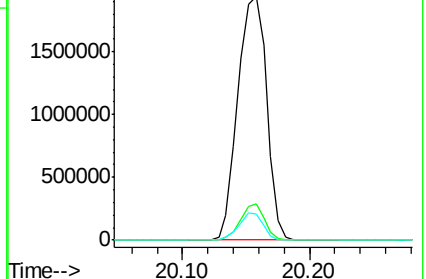
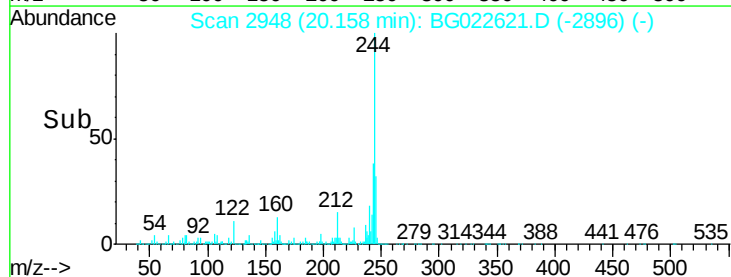
122 10.6 8.0 12.0

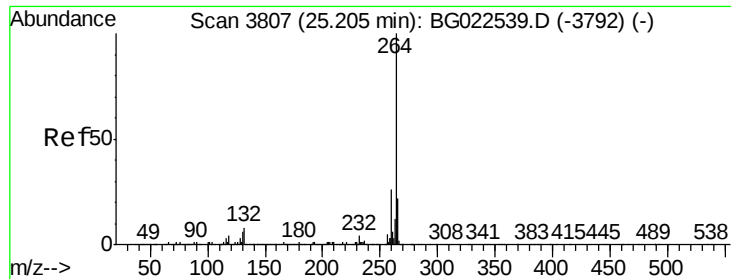


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022621.D
Acq: 26 Jun 2016 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1283389

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.1	18.9	28.3

