

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022593.D
 Acq On : 26 Jun 2016 3:26
 Operator : UM/SJ
 Sample : H3701-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2C

Quant Time: Jun 26 06:50:38 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

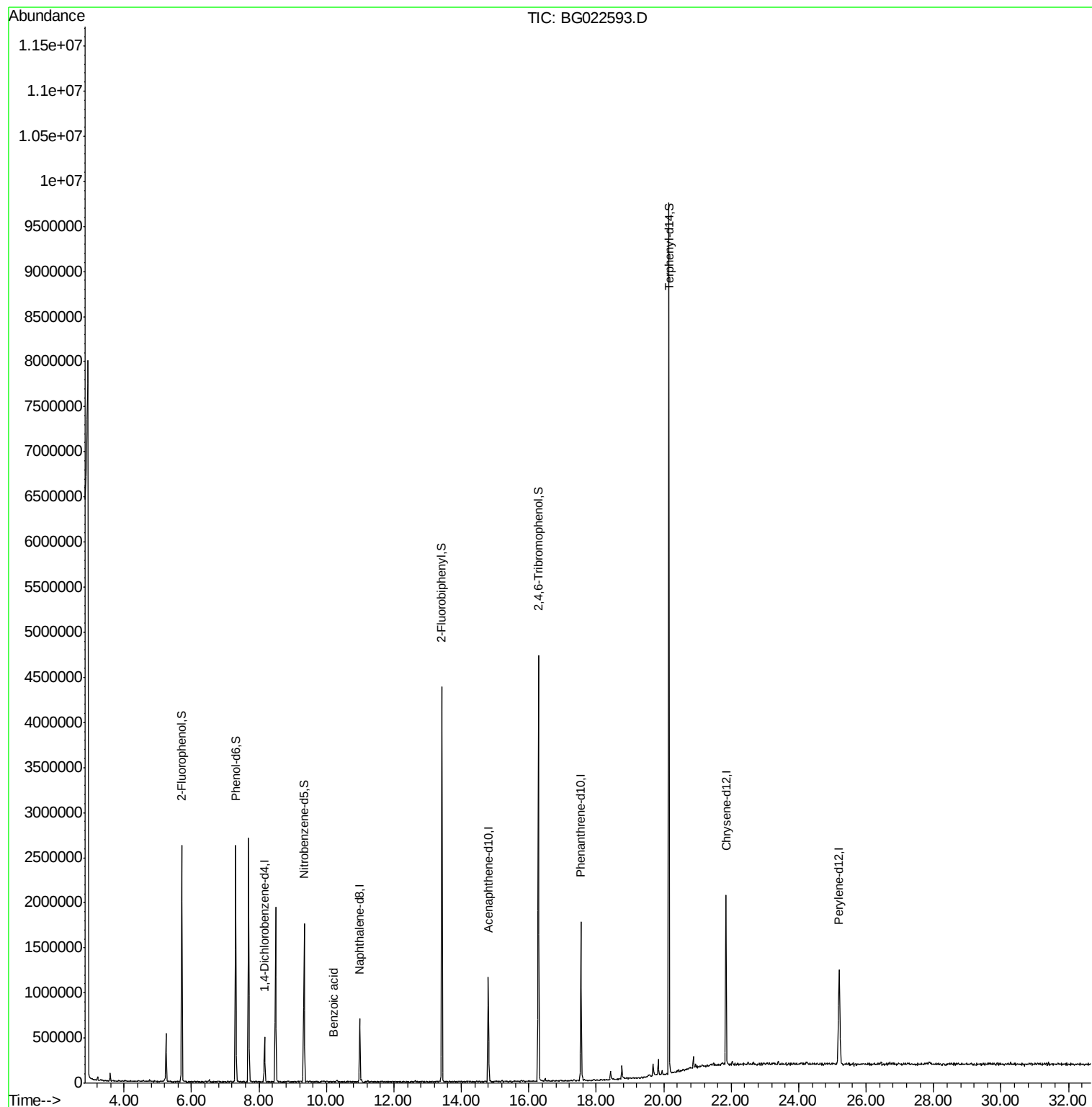
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	128789	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	541786	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	383326	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1062997	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1222147	20.00	ng	0.00
86) Perylene-d12	25.20	264	1268245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1025233	127.68	ng	0.00
7) Phenol-d6	7.31	99	1382990	122.19	ng	0.00
23) Nitrobenzene-d5	9.33	82	1107216	86.50	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	902244	149.65	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2080504	86.07	ng	0.00
78) Terphenyl-d14	20.15	244	3228690	69.99	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	57	5.12	ng	Qvalue # 1

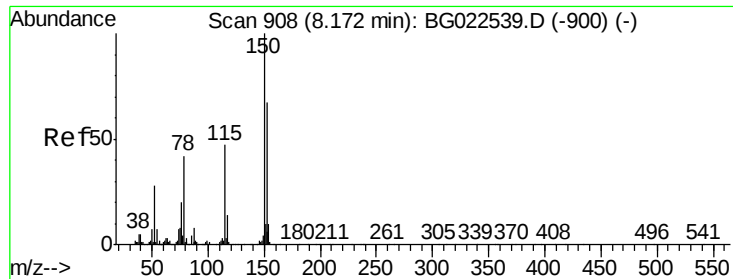
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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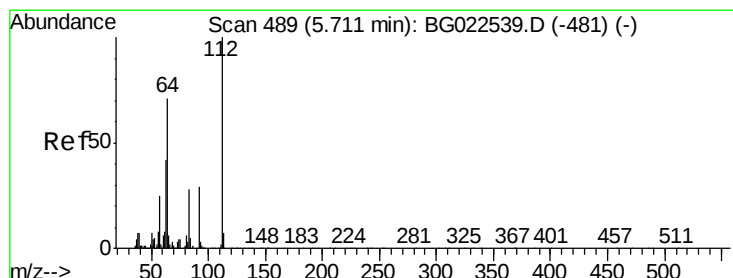
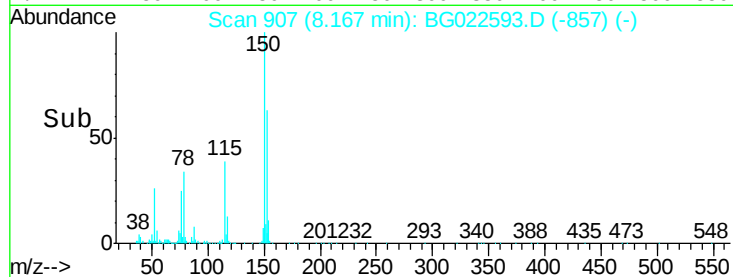
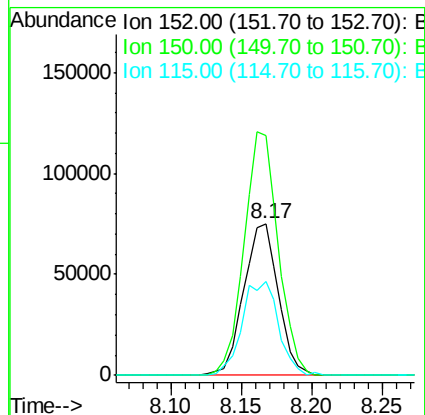
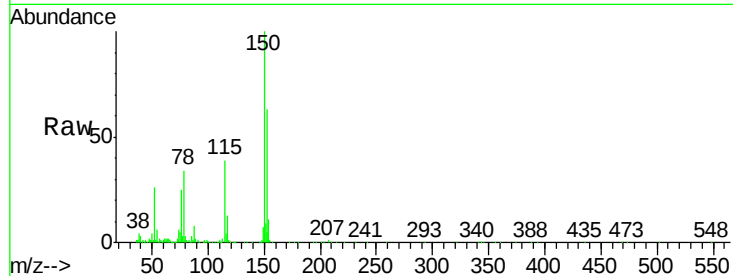


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022593.D
Acq: 26 Jun 2016 3:26

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2C

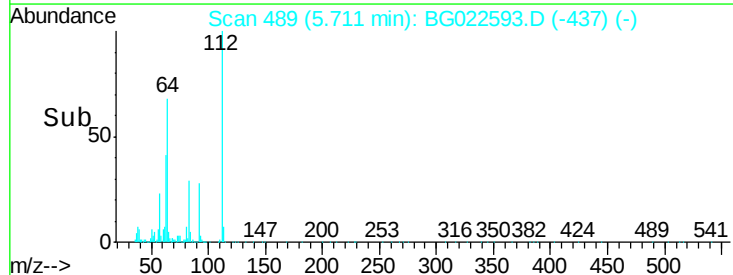
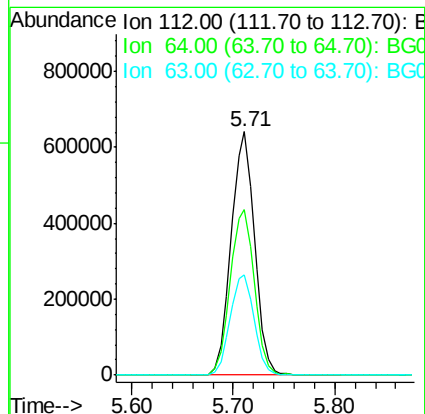
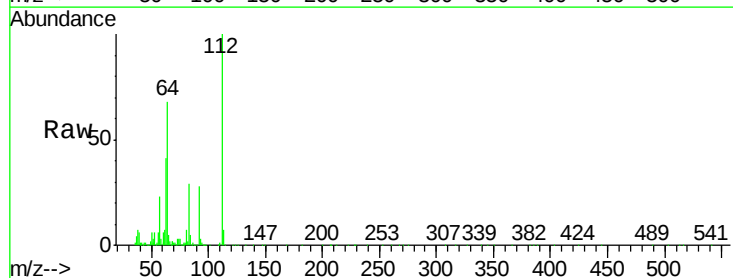
Tgt Ion:152 Resp: 128789
Ion Ratio Lower Upper
152 100
150 158.1 144.7 217.1
115 61.7 64.0 96.0#



#5

2-Fluorophenol
Concen: 127.68 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022593.D
Acq: 26 Jun 2016 3:26

Tgt Ion:112 Resp: 1025233
Ion Ratio Lower Upper
112 100
64 67.9 59.0 88.4
63 41.1 37.8 56.8





#7

Phenol-d6

Concen: 122.19 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022593.D

Acq: 26 Jun 2016 3:26

Instrument :

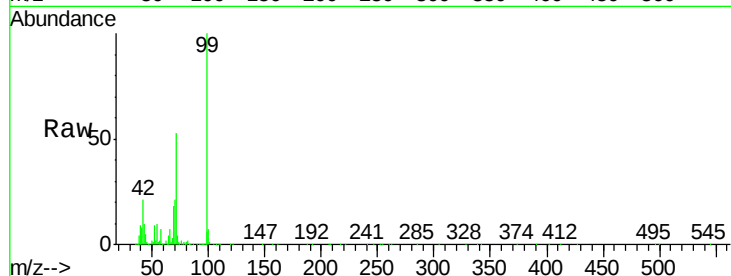
BNA_G

ClientSampleId :

TEC-COMP-B2C

Tgt Ion: 99 Resp: 1382990

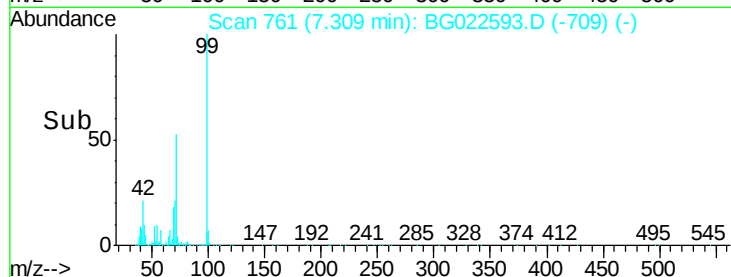
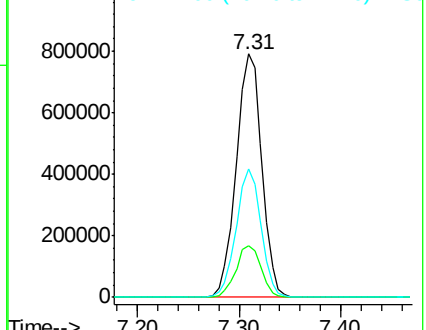
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	52.6	41.5	62.3



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

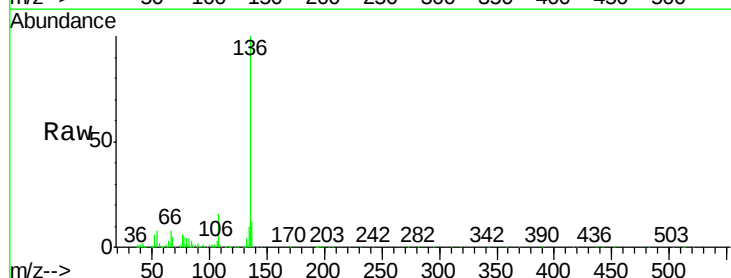
Delta R.T. -0.01 min

Lab File: BG022593.D

Acq: 26 Jun 2016 3:26

Tgt Ion: 136 Resp: 541786

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	7.8	7.3	10.9
68	4.9	5.3	7.9#

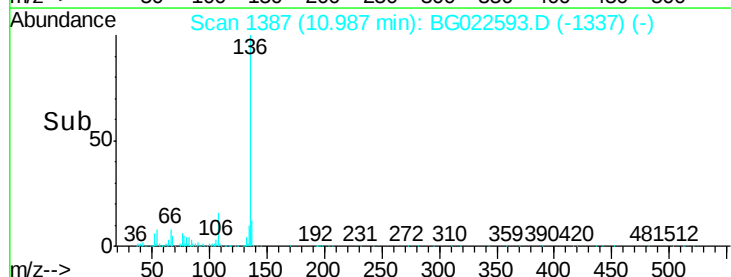
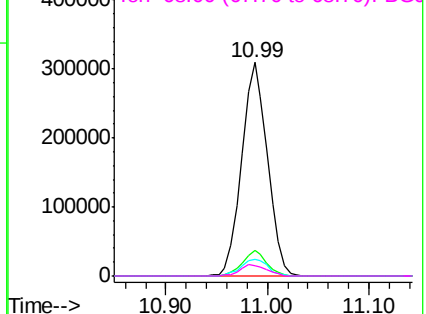


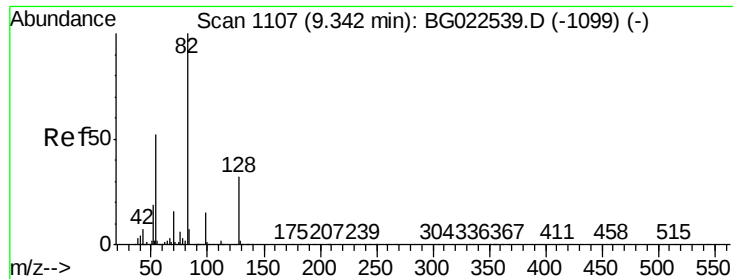
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

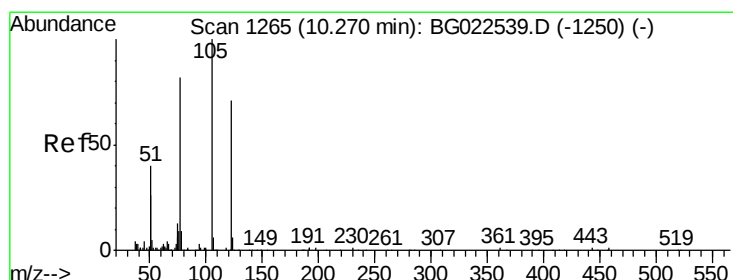
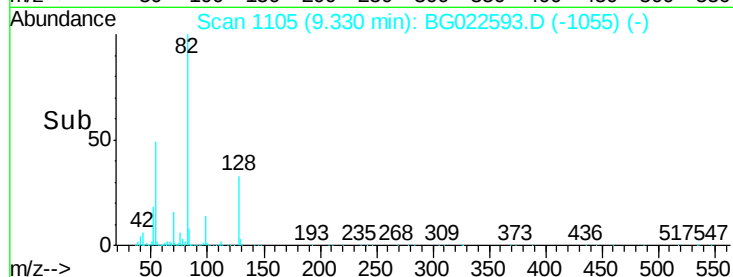
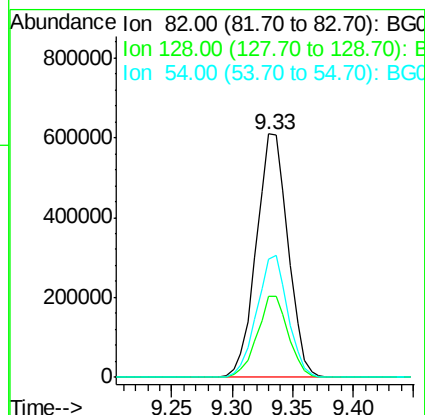
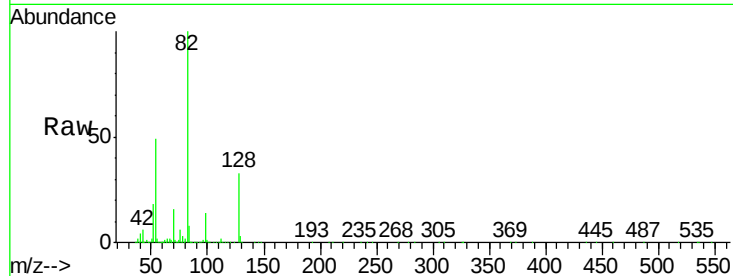




#23
Nitrobenzene-d5
Concen: 86.50 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022593.D
Acq: 26 Jun 2016 3:26

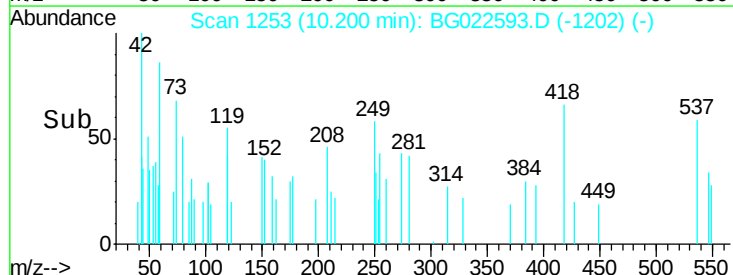
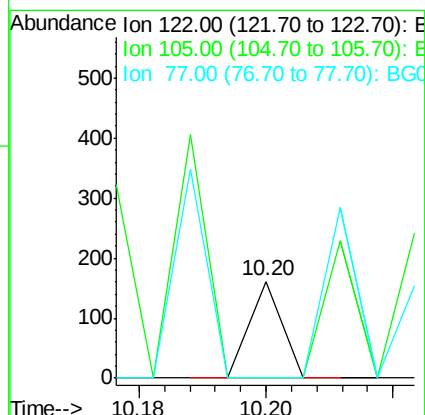
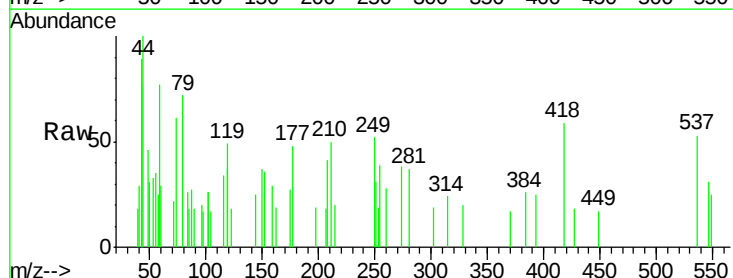
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2C

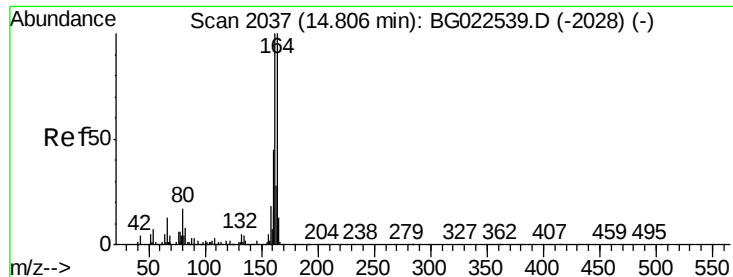
Tgt Ion: 82 Resp: 1107216
Ion Ratio Lower Upper
82 100
128 33.0 24.4 36.6
54 48.7 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022593.D
Acq: 26 Jun 2016 3:26

Tgt Ion: 122 Resp: 57
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: BG022593.D

Acq: 26 Jun 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2C

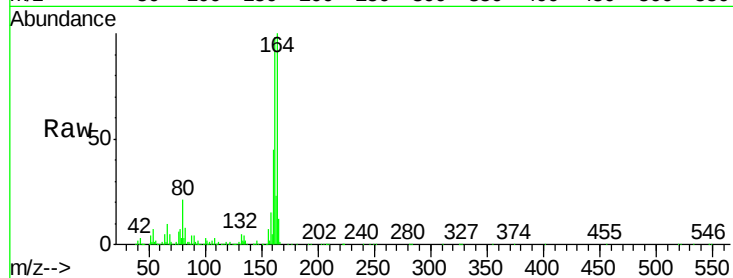
Tgt Ion:164 Resp: 383326

Ion Ratio Lower Upper

164 100

162 97.8 87.7 131.5

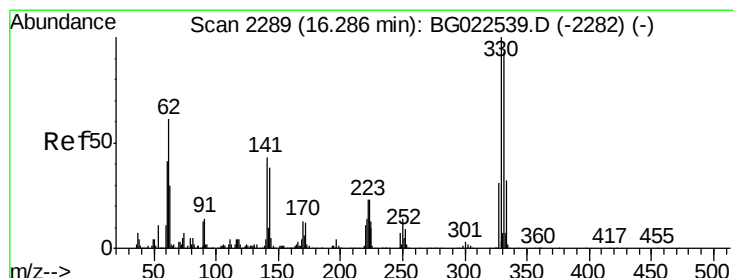
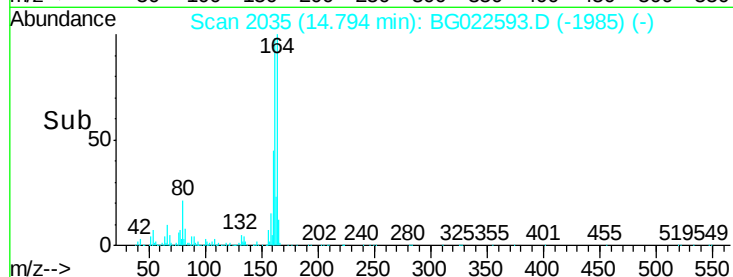
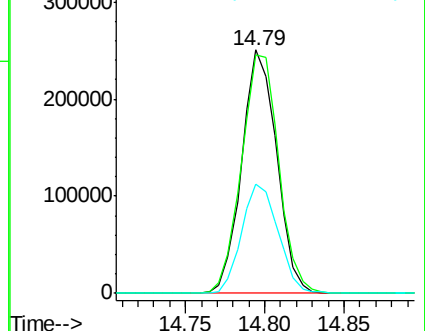
160 44.7 37.2 55.8



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: 149.65 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022593.D

Acq: 26 Jun 2016 3:26

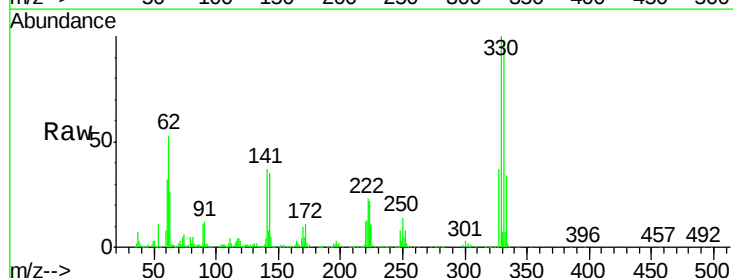
Tgt Ion:330 Resp: 902244

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

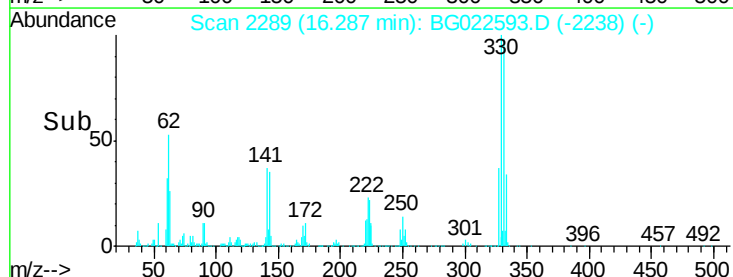
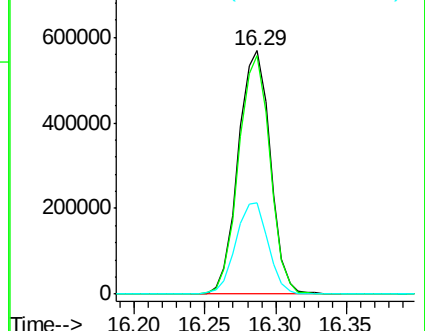
141 38.0 31.7 47.5

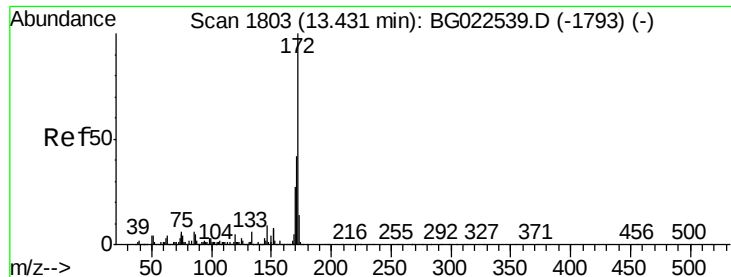


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

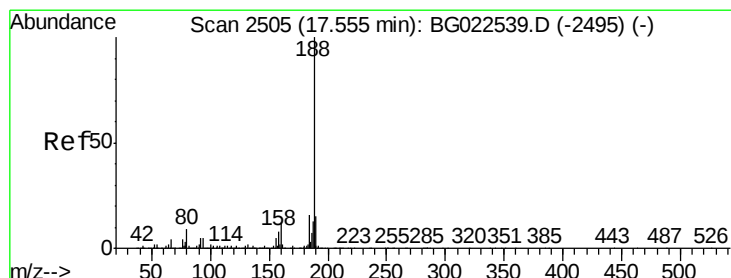
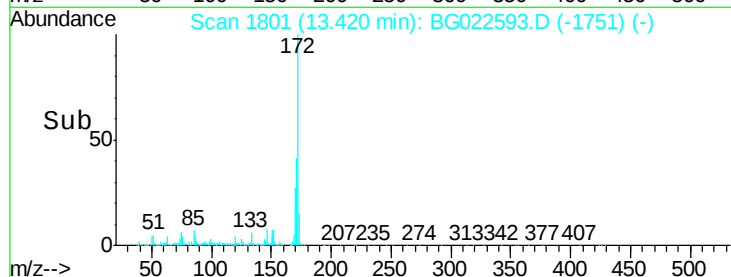
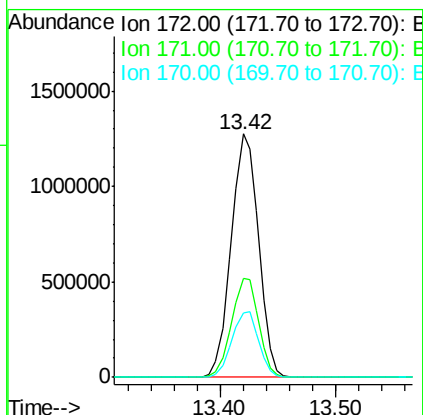
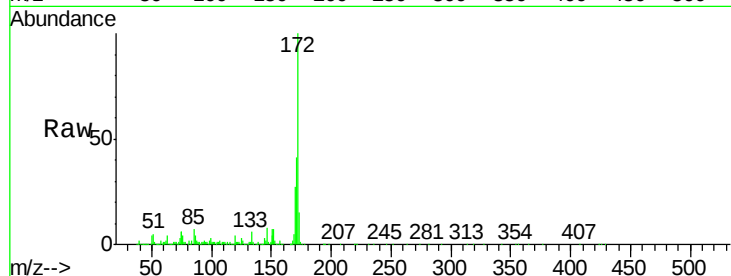




#44
 2-Fluorobiphenyl
 Concen: 86.07 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022593.D
 Acq: 26 Jun 2016 3:26

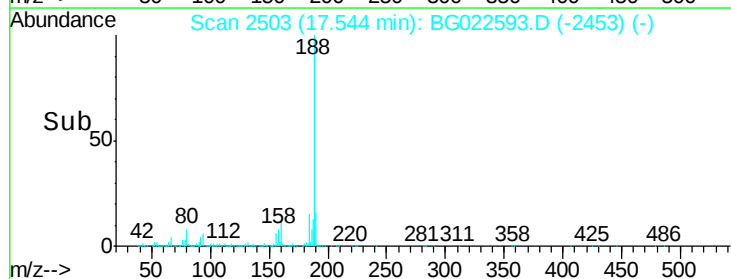
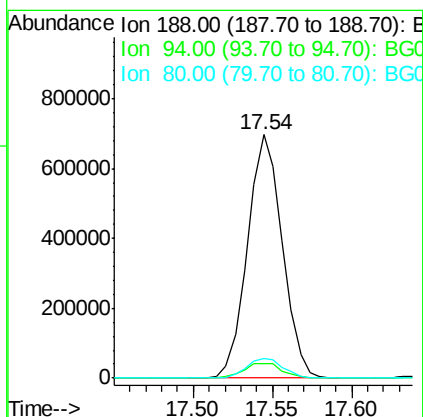
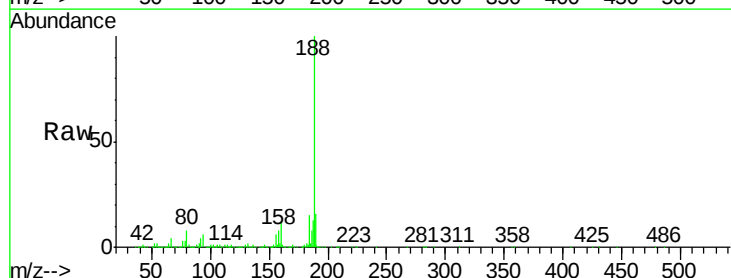
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2C

Tgt Ion:172 Resp: 2080504
 Ion Ratio Lower Upper
 172 100
 171 40.6 31.6 47.4
 170 26.6 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG022593.D
 Acq: 26 Jun 2016 3:26

Tgt Ion:188 Resp: 1062997
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.2 7.8
 80 8.1 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022593.D

Acq: 26 Jun 2016 3:26

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2C

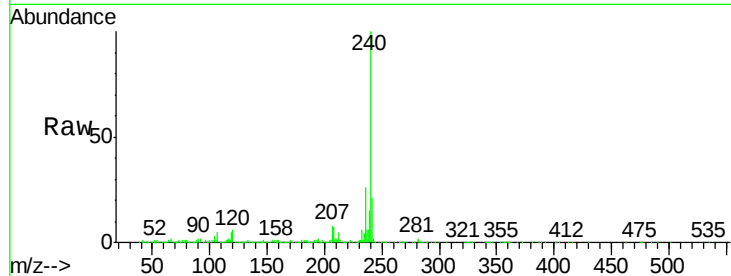
Tgt Ion:240 Resp: 1222147

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

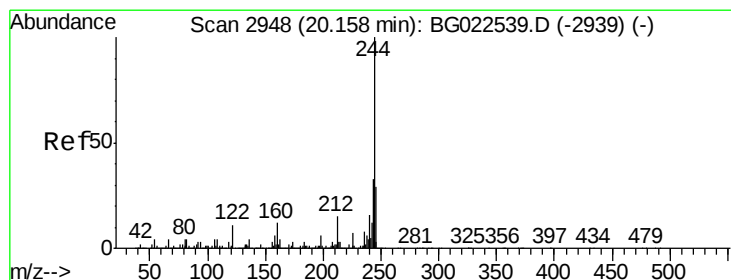
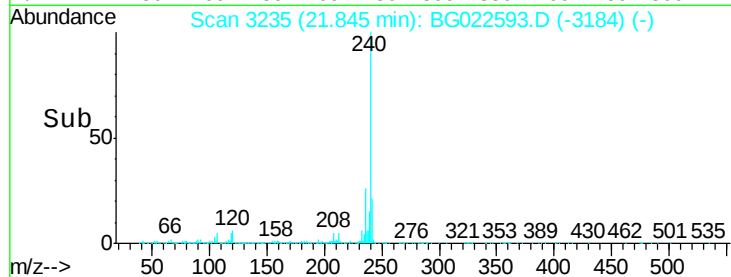
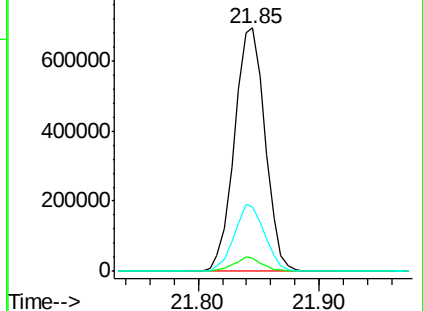
236 26.4 21.1 31.7



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: 69.99 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022593.D

Acq: 26 Jun 2016 3:26

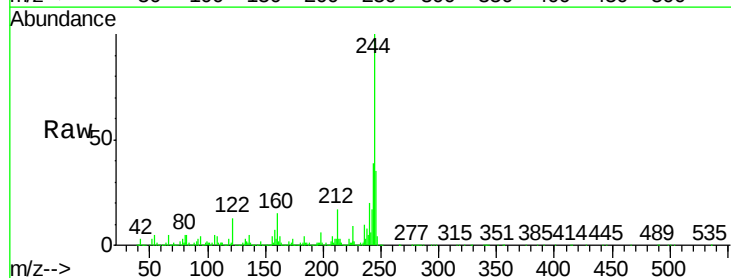
Tgt Ion:244 Resp: 3228690

Ion Ratio Lower Upper

244 100

212 16.9 10.8 16.2#

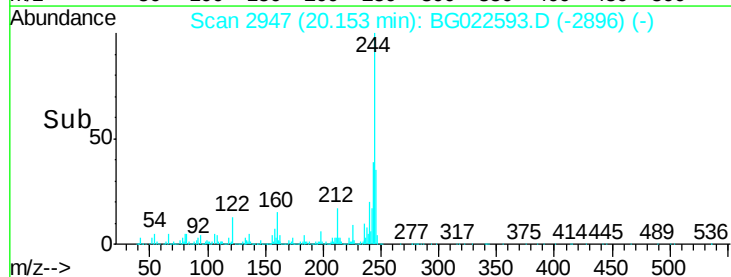
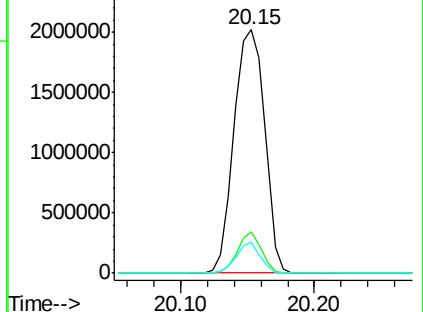
122 12.9 8.0 12.0#

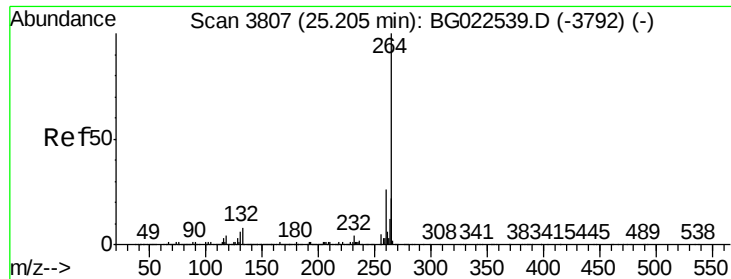


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022593.D
Acq: 26 Jun 2016 3:26

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2C

Tgt Ion: 264 Resp: 1268245
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 20.4 18.9 28.3

