

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022646.D
 Acq On : 27 Jun 2016 17:01
 Operator : UM/SJ
 Sample : H3630-15RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1409-TPGW04-0616

Quant Time: Jun 28 01:07:34 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

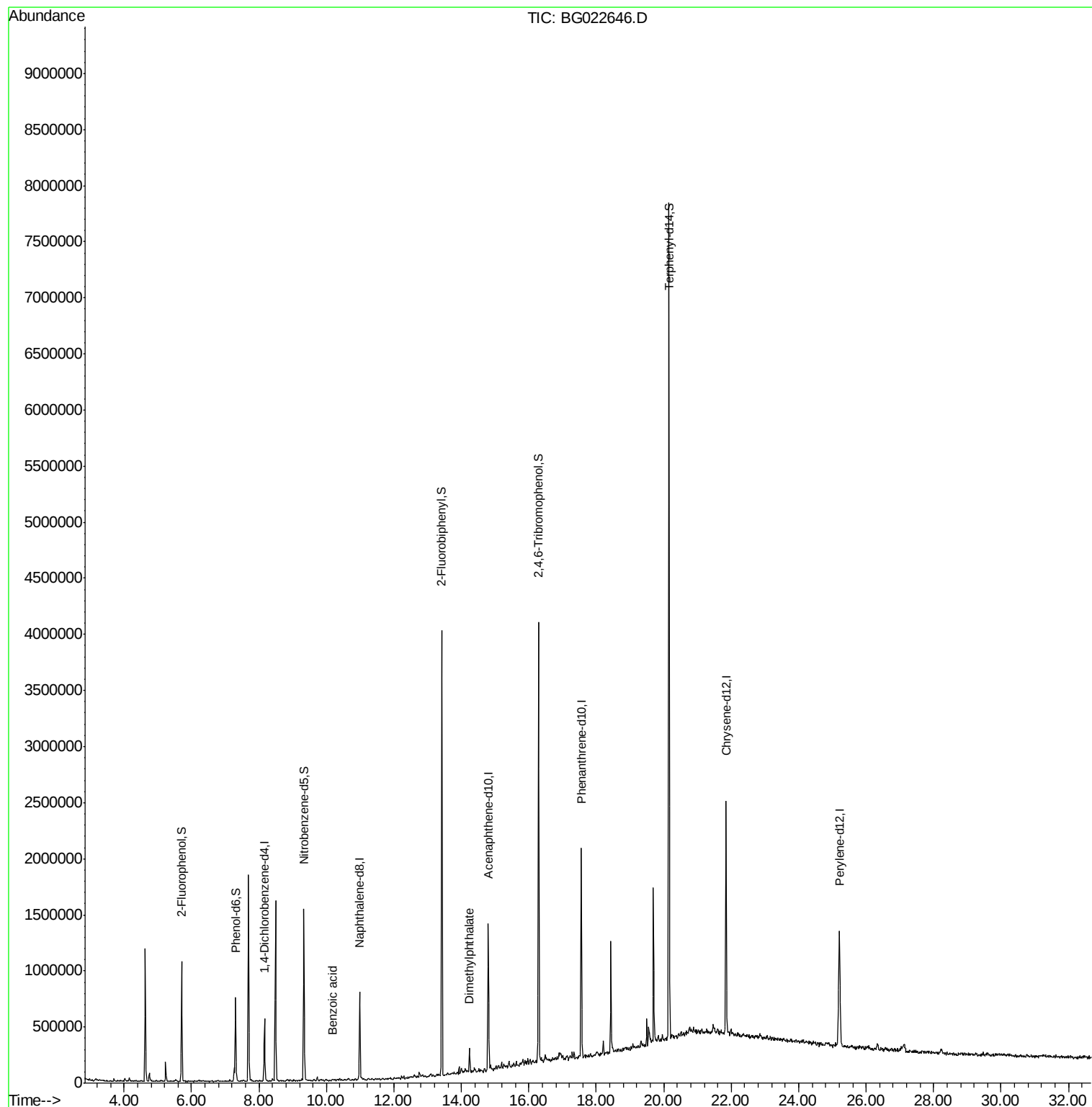
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141312	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	623803	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	450626	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1128031	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1307704	20.00	ng	0.00
86) Perylene-d12	25.21	264	1245124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	426108	48.36	ng	0.00
7) Phenol-d6	7.31	99	408499	32.89	ng	0.00
23) Nitrobenzene-d5	9.33	82	956860	64.92	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	728287	102.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1877489	66.07	ng	0.00
78) Terphenyl-d14	20.16	244	2876070	58.27	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	494	5.17	ng	Qvalue # 26
49) Dimethylphthalate	14.24	163	133217	3.56	ng	99

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022646.D
Acq On : 27 Jun 2016 17:01
Operator : UM/SJ
Sample : H3630-15RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW04-0616

Quant Time: Jun 28 01:07:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW04-0616

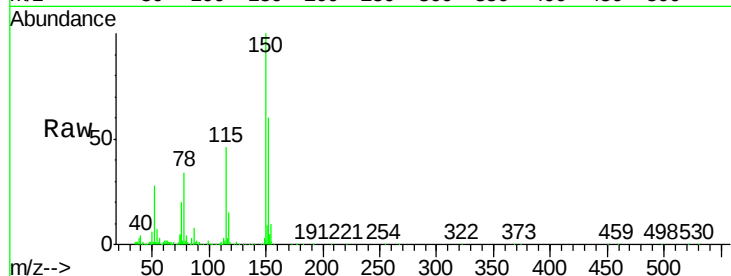
Tgt Ion:152 Resp: 141312

Ion Ratio Lower Upper

152 100

150 165.3 144.7 217.1

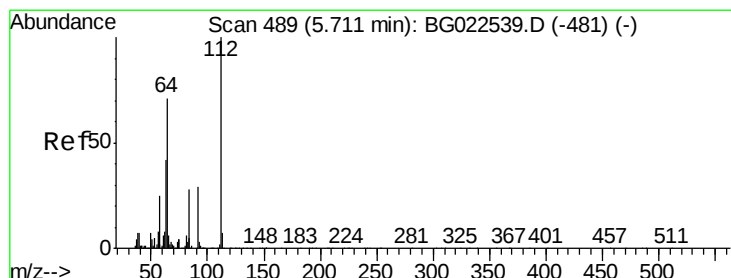
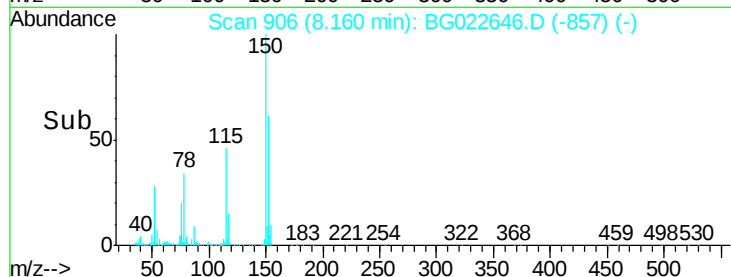
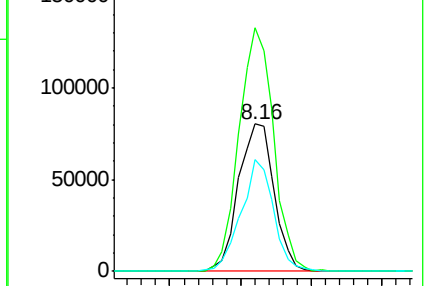
115 76.1 64.0 96.0



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: 48.36 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

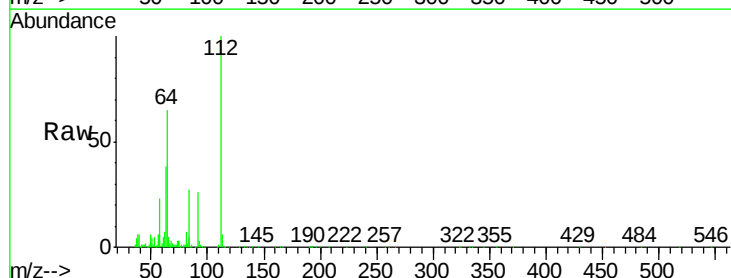
Tgt Ion:112 Resp: 426108

Ion Ratio Lower Upper

112 100

64 65.2 59.0 88.4

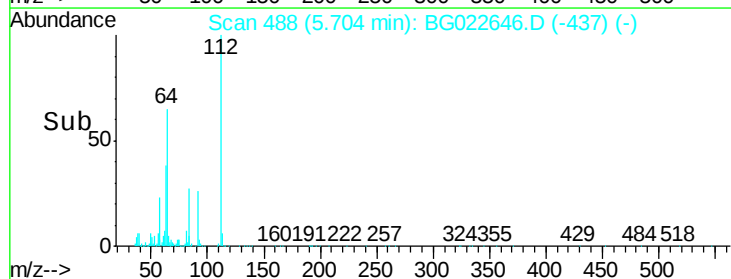
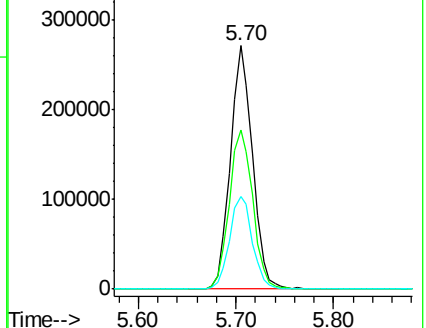
63 38.3 37.8 56.8



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: 32.89 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW04-0616

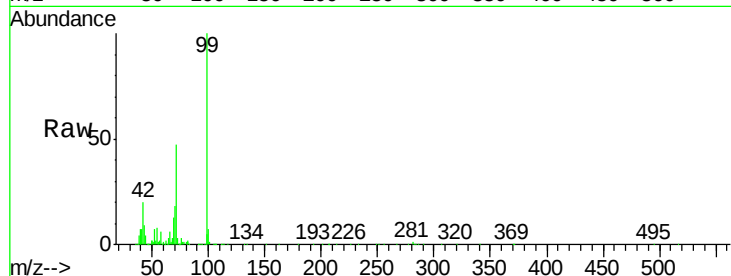
Tgt Ion: 99 Resp: 408499

Ion Ratio Lower Upper

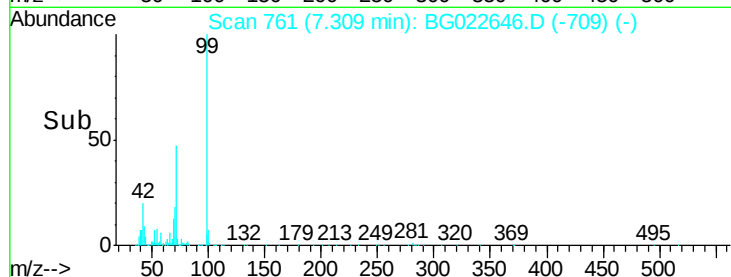
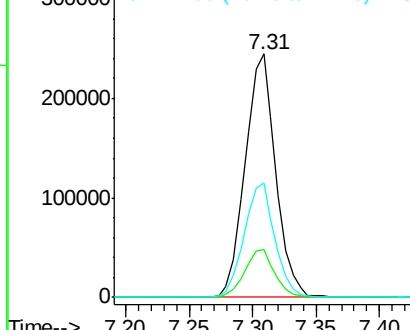
99 100

42 19.5 17.8 26.6

71 46.8 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: BG022646.D

Acq: 27 Jun 2016 17:01

Tgt Ion: 136 Resp: 623803

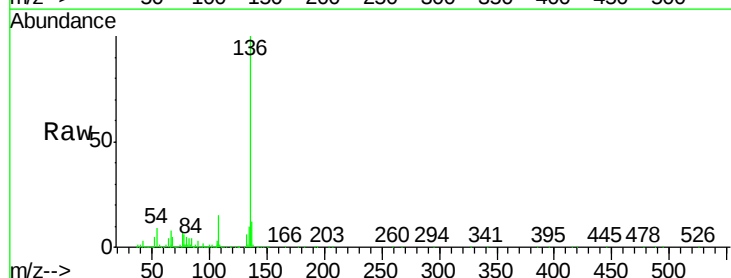
Ion Ratio Lower Upper

136 100

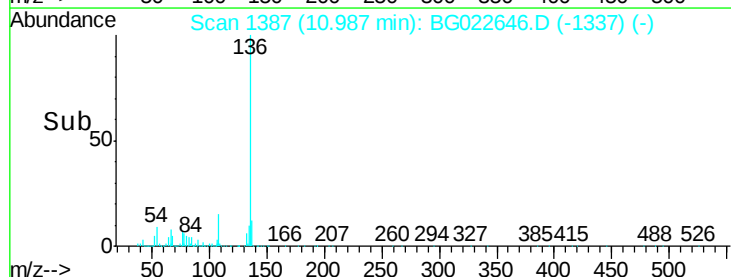
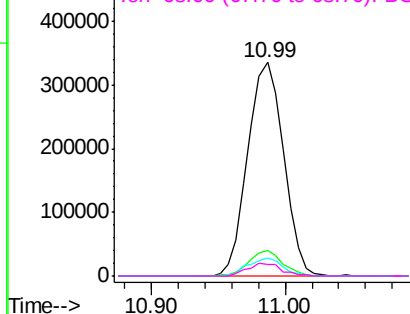
137 11.7 9.6 14.4

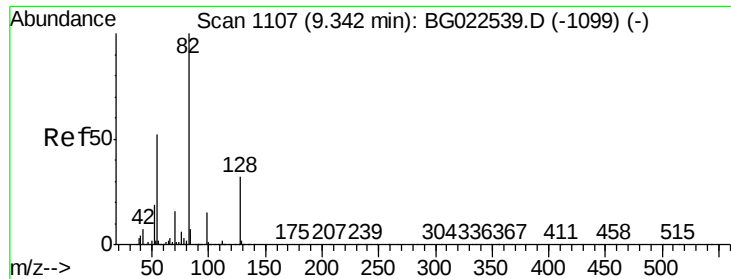
54 8.5 7.3 10.9

68 5.5 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

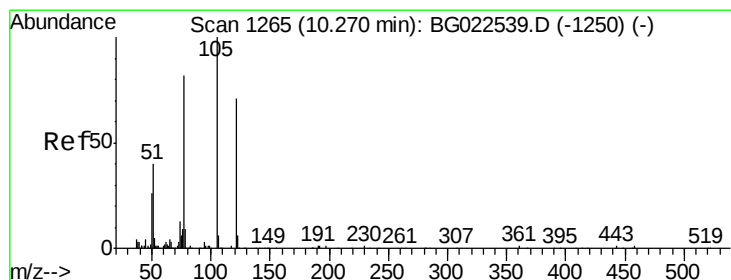
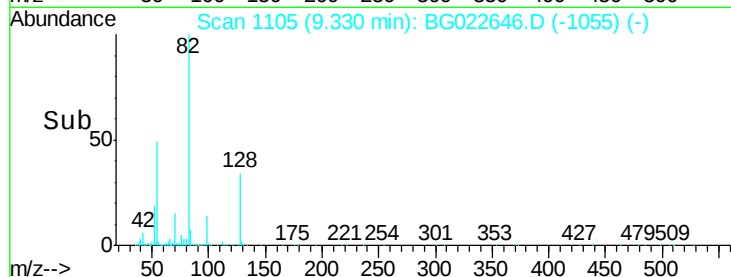
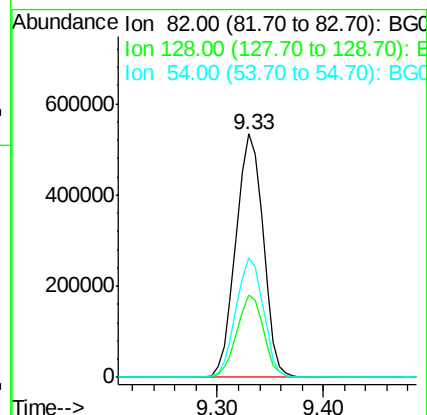
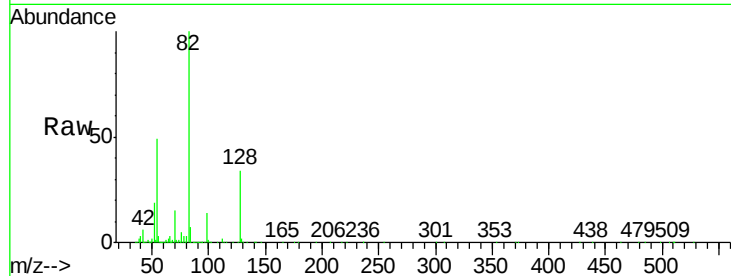




#23
 Nitrobenzene-d5
 Concen: 64.92 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022646.D
 Acq: 27 Jun 2016 17:01

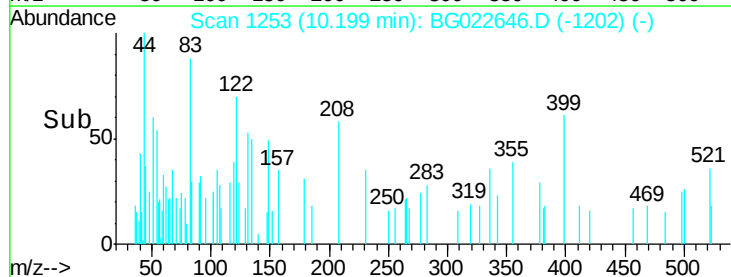
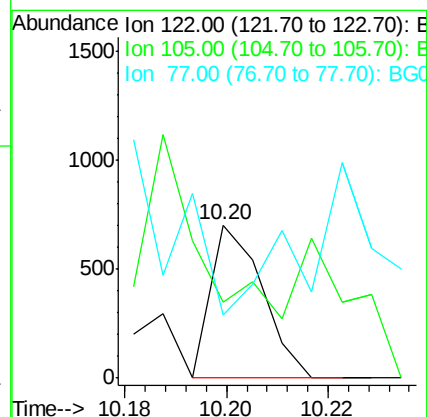
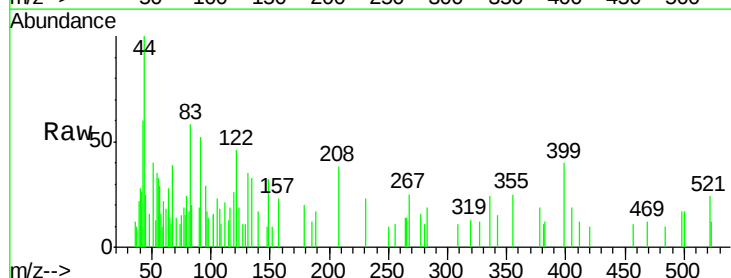
Instrument :
 BNA_G
 ClientSampleId :
 B1409-TPGW04-0616

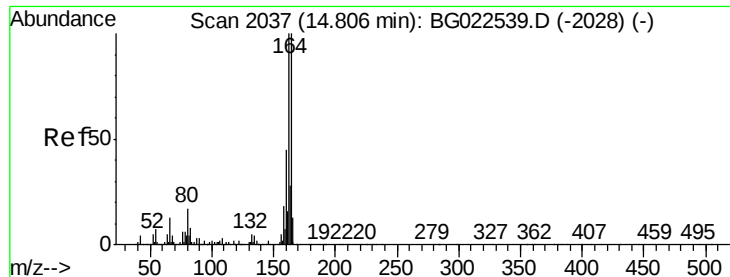
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	48.9	41.4	62.0



#32
 Benzoic acid
 Concen: 5.17 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG022646.D
 Acq: 27 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	49.9	117.2	157.2#
77	41.2	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: BG022646.D

Acq: 27 Jun 2016 17:01

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW04-0616

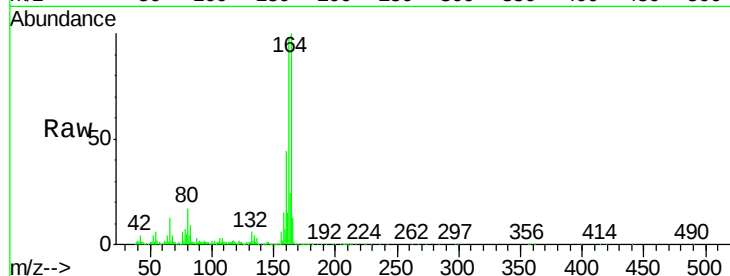
Tgt Ion:164 Resp: 450626

Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

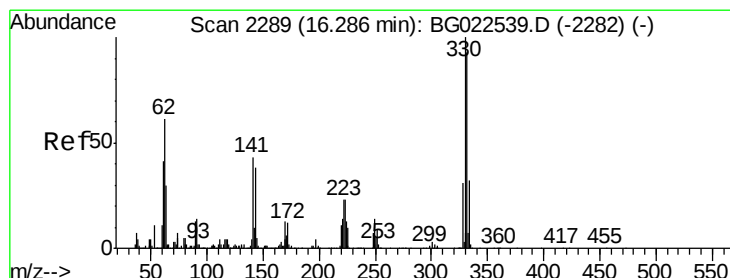
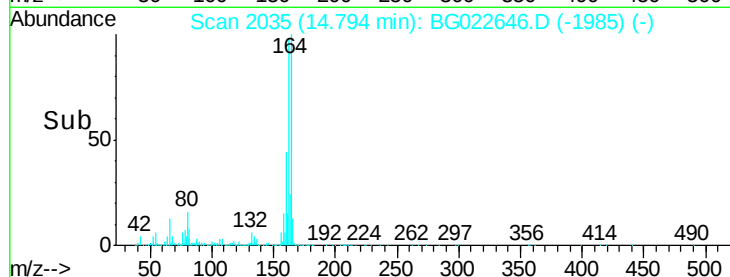
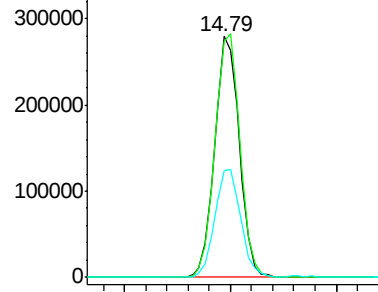
160 44.2 37.2 55.8



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: 102.75 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

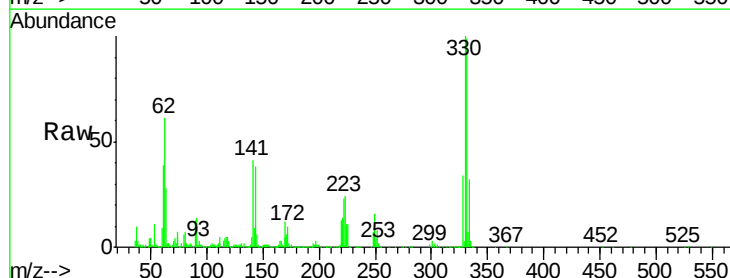
Tgt Ion:330 Resp: 728287

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

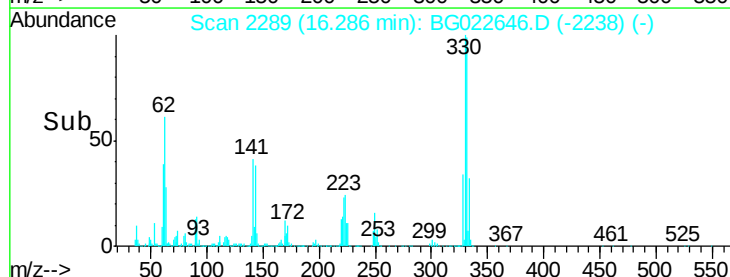
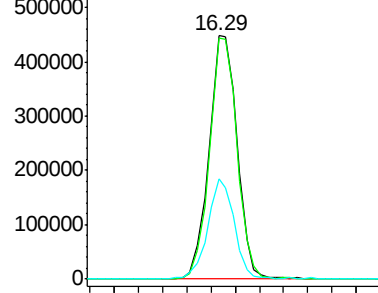
141 38.2 31.7 47.5

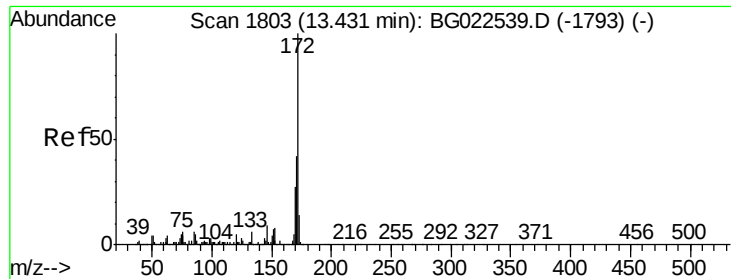


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

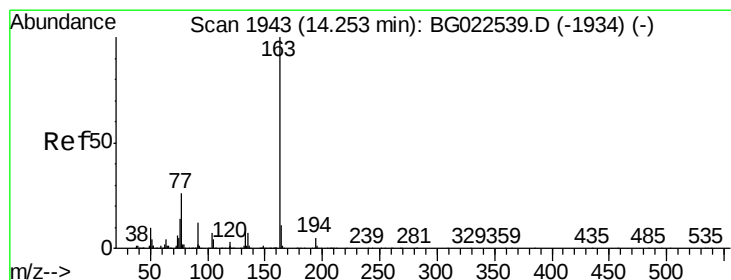
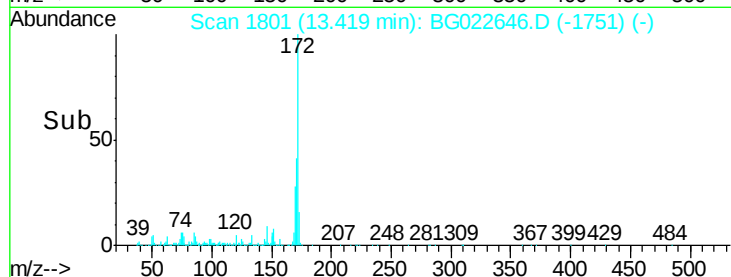
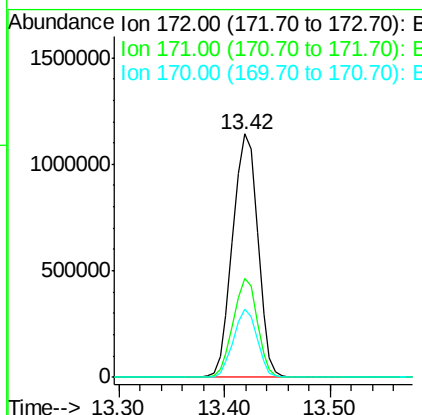
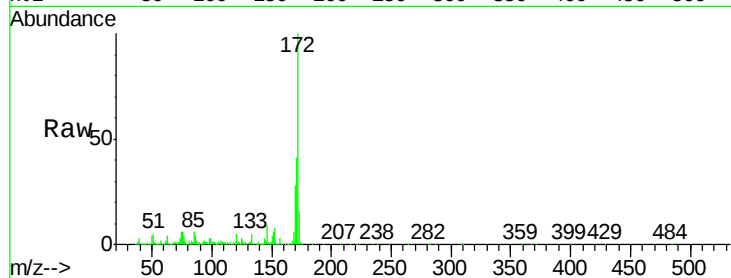




#44
2-Fluorobiphenyl
Concen: 66.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022646.D
Acq: 27 Jun 2016 17:01

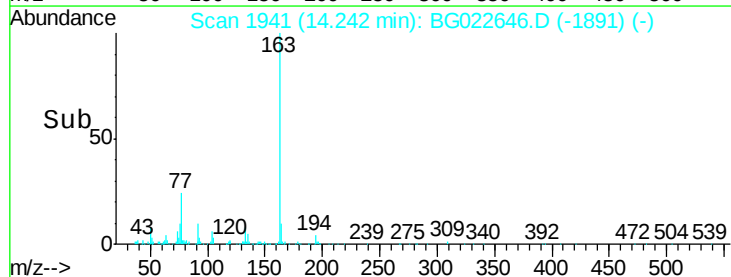
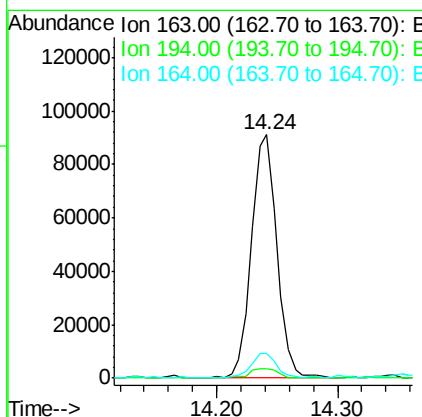
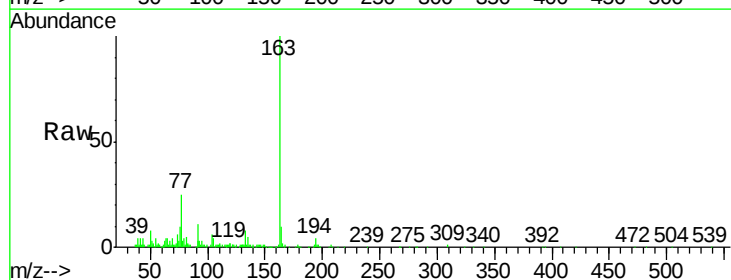
Instrument :
BNA_G
ClientSampleId :
B1409-TPGW04-0616

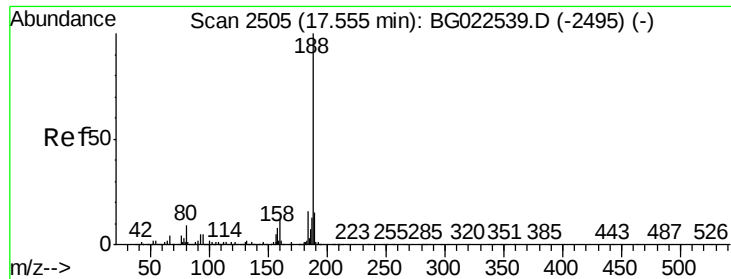
Tgt Ion:172 Resp: 1877489
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 28.0 21.3 31.9



#49
Dimethylphthalate
Concen: 3.56 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022646.D
Acq: 27 Jun 2016 17:01

Tgt Ion:163 Resp: 133217
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.2 8.1 12.1

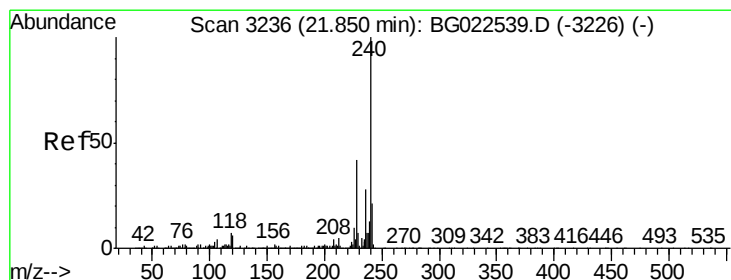
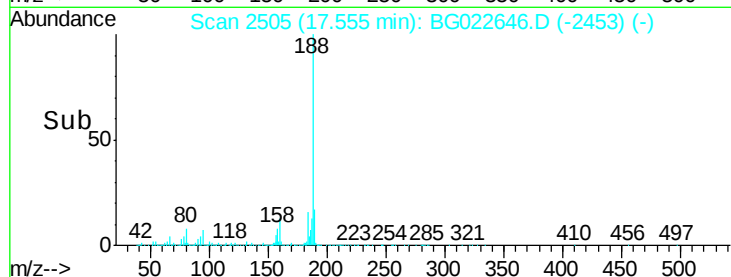
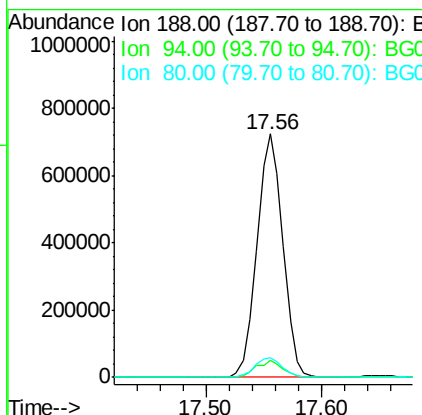
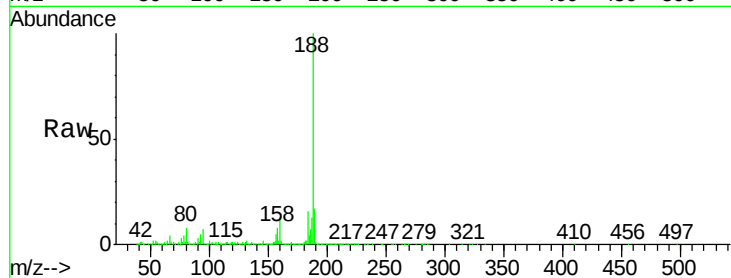




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022646.D
Acq: 27 Jun 2016 17:01

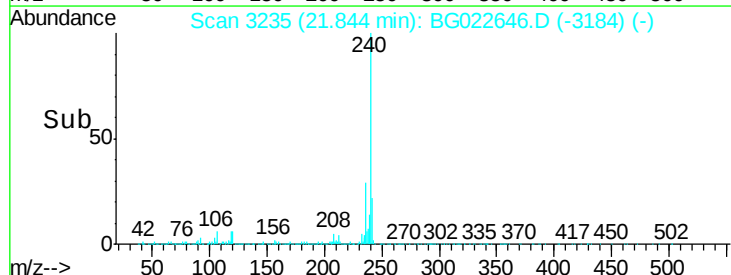
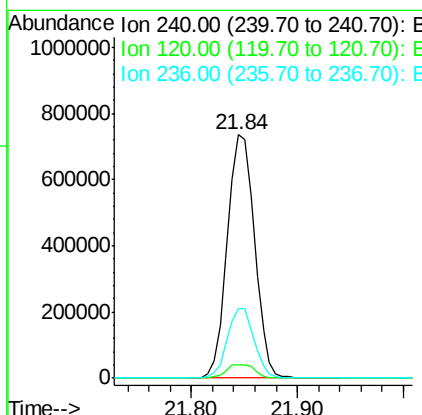
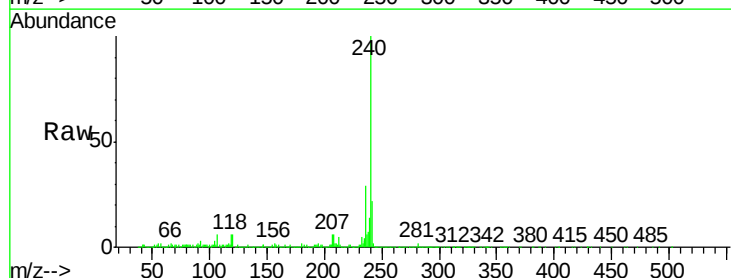
Instrument :
BNA_G
ClientSampleId :
B1409-TPGW04-0616

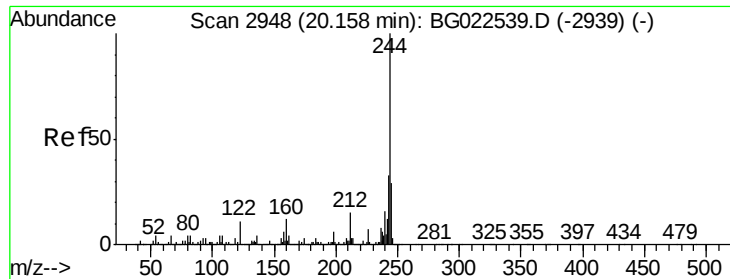
Tgt Ion:188 Resp: 1128031
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 7.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022646.D
Acq: 27 Jun 2016 17:01

Tgt Ion:240 Resp: 1307704
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 28.8 21.1 31.7





#78

Terphenyl-d14

Concen: 58.27 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

Instrument :

BNA_G

ClientSampleId :

B1409-TPGW04-0616

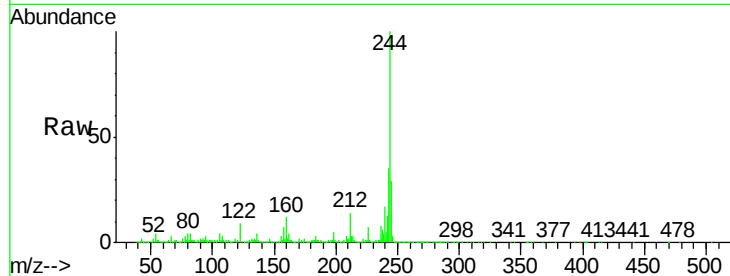
Tgt Ion:244 Resp: 2876070

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

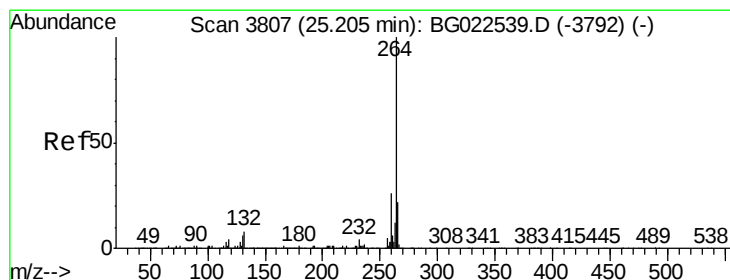
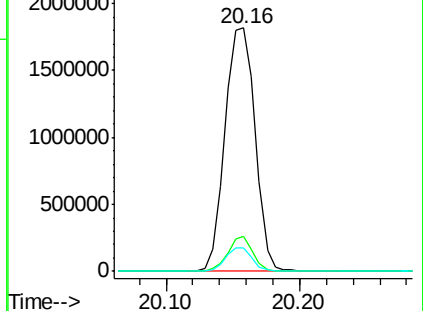
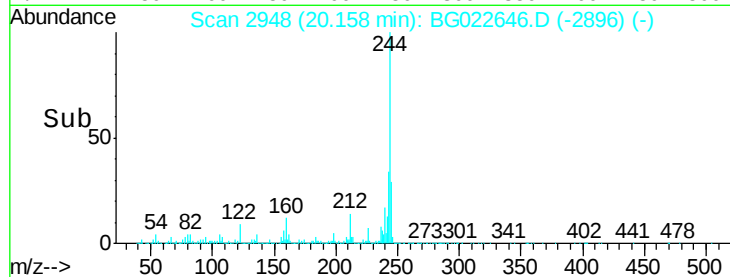
122 9.4 8.0 12.0



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# 3808

Delta R.T. 0.01 min

Lab File: BG022646.D

Acq: 27 Jun 2016 17:01

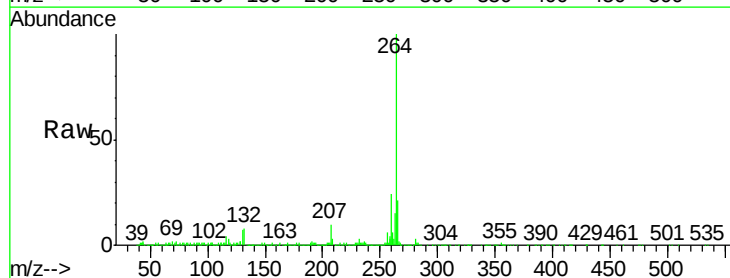
Tgt Ion:264 Resp: 1245124

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.4 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

