

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022566.D
 Acq On : 25 Jun 2016 9:27
 Operator : UM/SJ
 Sample : H3633-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW9D

Quant Time: Jun 27 01:05:04 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

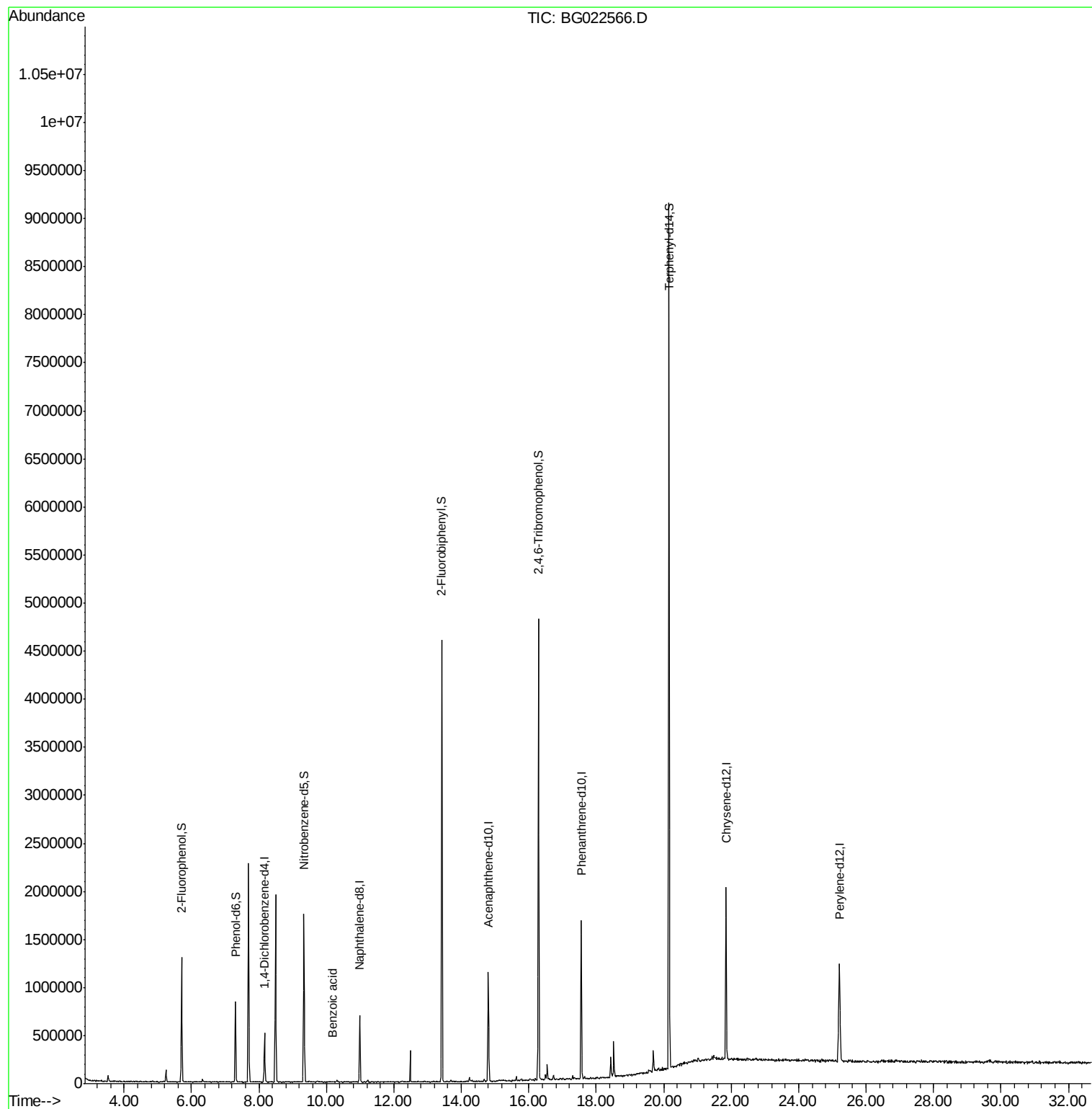
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	126210	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	539007	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	388748	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1001335	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1123476	20.00	ng	0.00
86) Perylene-d12	25.21	264	1171041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	505534	64.25	ng	0.00
7) Phenol-d6	7.30	99	465470	41.97	ng	0.00
23) Nitrobenzene-d5	9.34	82	1148651	90.19	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	858630	140.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2178608	88.88	ng	0.00
78) Terphenyl-d14	20.16	244	3143194	74.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	326	5.16	ng	Qvalue # 33

(#) = 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: BG022566.D

Acq: 25 Jun 2016 9:27

Instrument :

BNA_G

ClientSampleId :

TEPMW9D

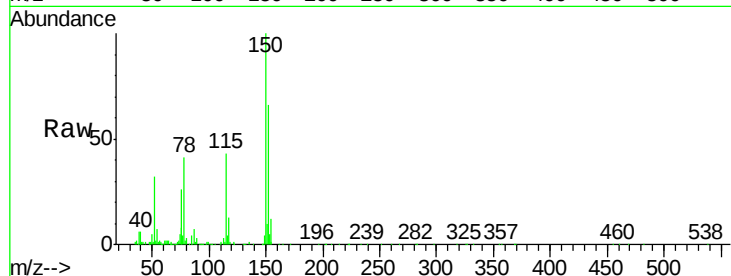
Tgt Ion:152 Resp: 126210

Ion Ratio Lower Upper

152 100

150 151.9 144.7 217.1

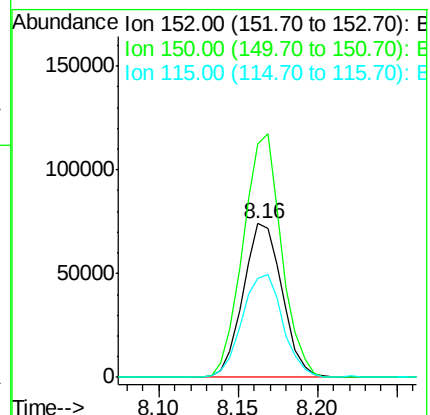
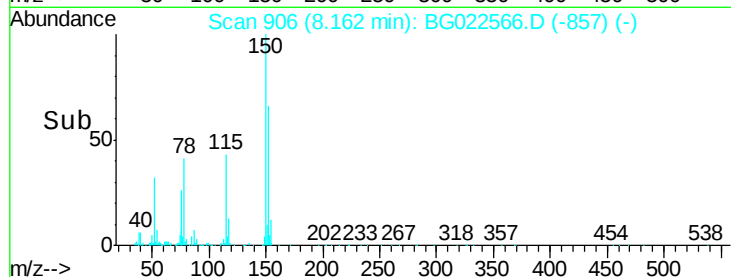
115 64.9 64.0 96.0



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: 64.25 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022566.D

Acq: 25 Jun 2016 9:27

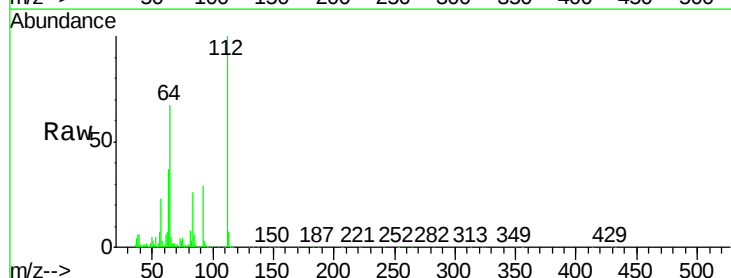
Tgt Ion:112 Resp: 505534

Ion Ratio Lower Upper

112 100

64 66.6 59.0 88.4

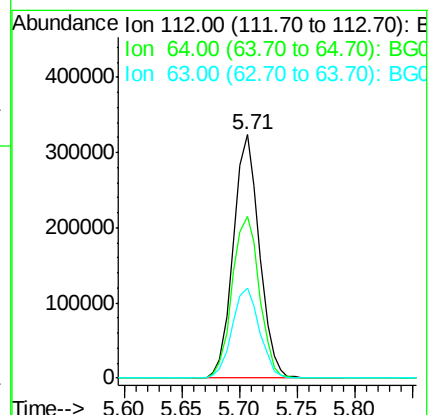
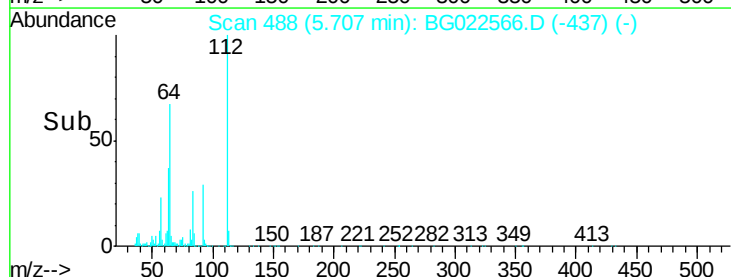
63 37.2 37.8 56.8#

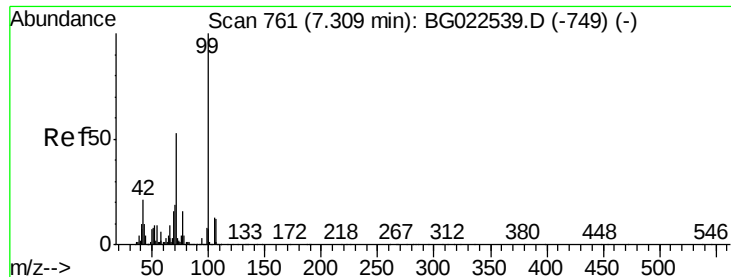


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.97 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022566.D

Acq: 25 Jun 2016 9:27

Instrument :

BNA_G

ClientSampleId :

TEPMW9D

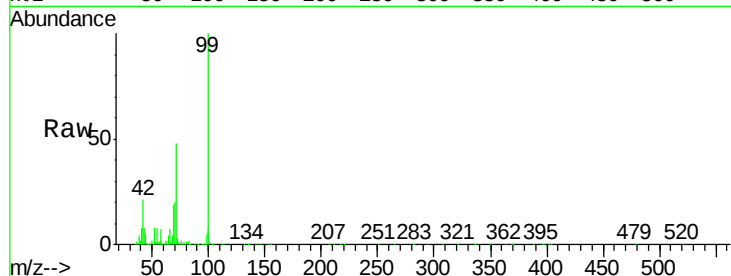
Tgt Ion: 99 Resp: 465470

Ion Ratio Lower Upper

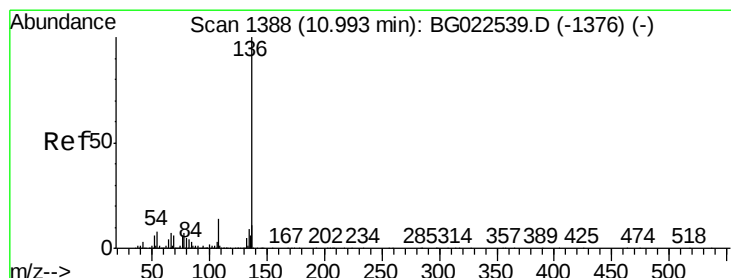
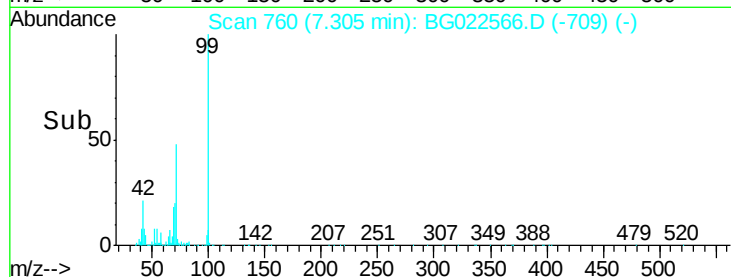
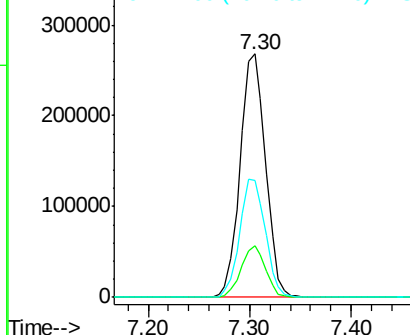
99 100

42 21.1 17.8 26.6

71 48.1 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. -0.00 min

Lab File: BG022566.D

Acq: 25 Jun 2016 9:27

Tgt Ion: 136 Resp: 539007

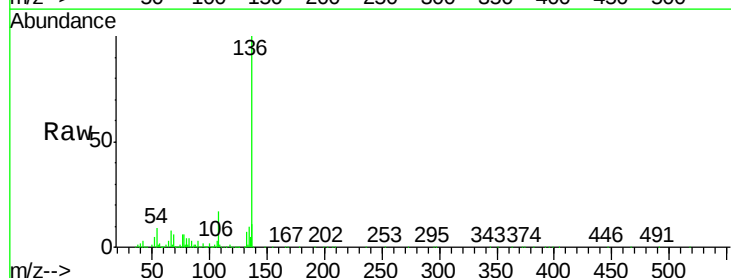
Ion Ratio Lower Upper

136 100

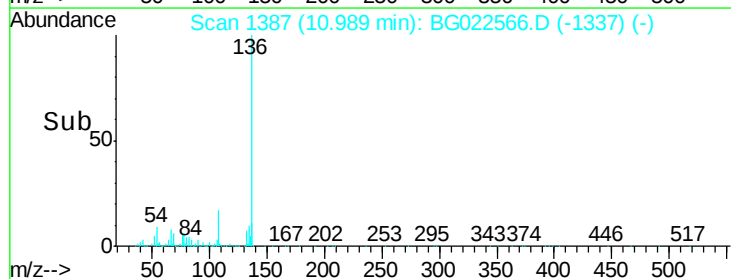
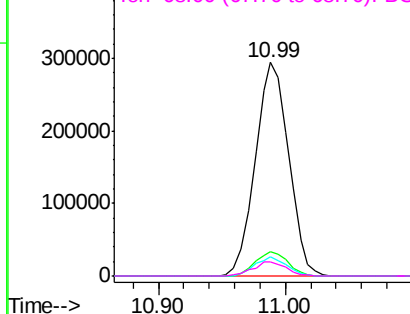
137 11.4 9.6 14.4

54 8.8 7.3 10.9

68 6.4 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

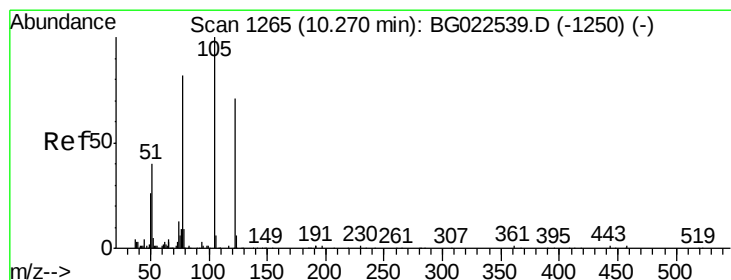
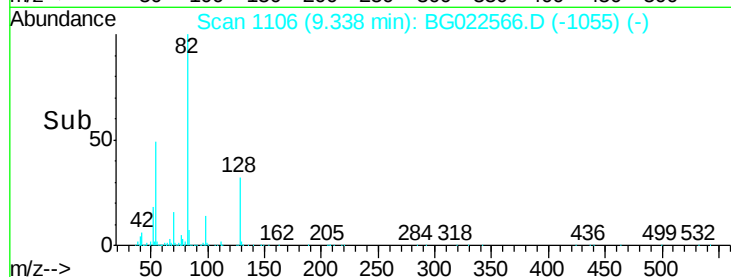
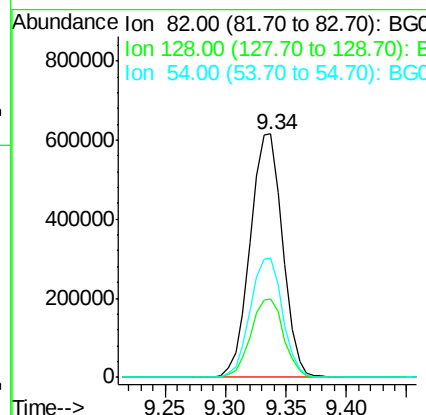
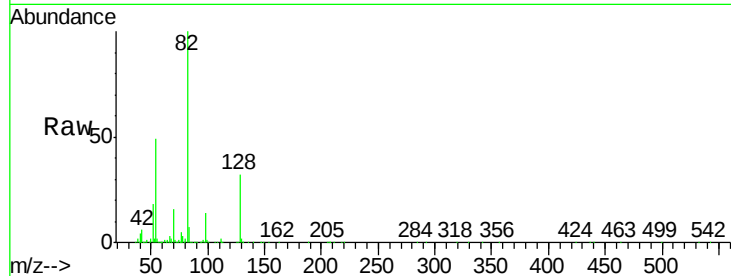




#23
 Nitrobenzene-d5
 Concen: 90.19 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022566.D
 Acq: 25 Jun 2016 9:27

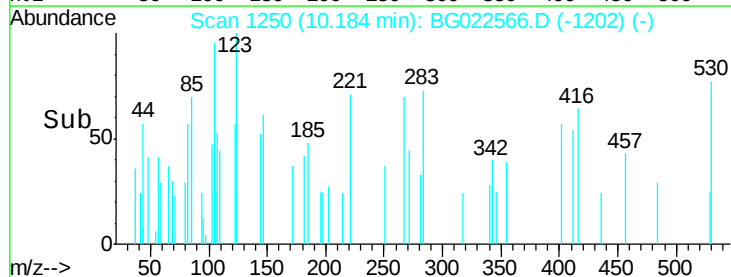
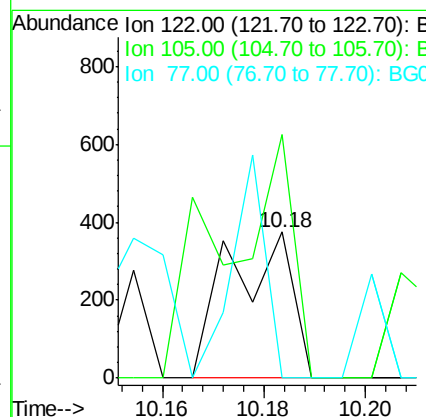
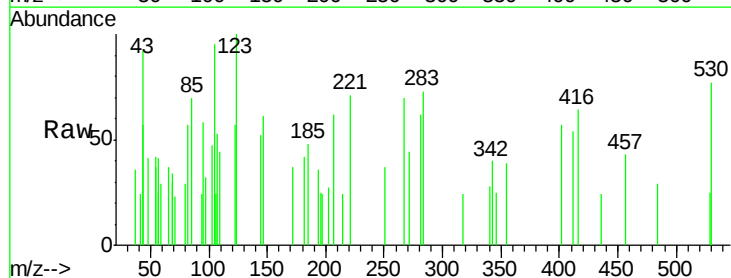
Instrument :
 BNA_G
 ClientSampleId :
 TEPMW9D

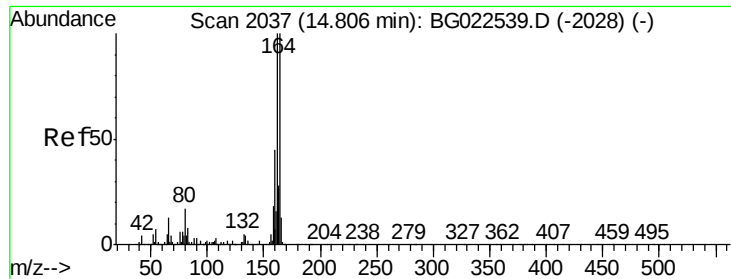
Tgt Ion: 82 Resp: 1148651
 Ion Ratio Lower Upper
 82 100
 128 32.3 24.4 36.6
 54 49.2 41.4 62.0



#32
 Benzoic acid
 Concen: 5.16 ng
 RT: 10.18 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BG022566.D
 Acq: 25 Jun 2016 9:27

Tgt Ion: 122 Resp: 326
 Ion Ratio Lower Upper
 122 100
 105 166.7 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022566.D

Acq: 25 Jun 2016 9:27

Instrument :

BNA_G

ClientSampleId :

TEPMW9D

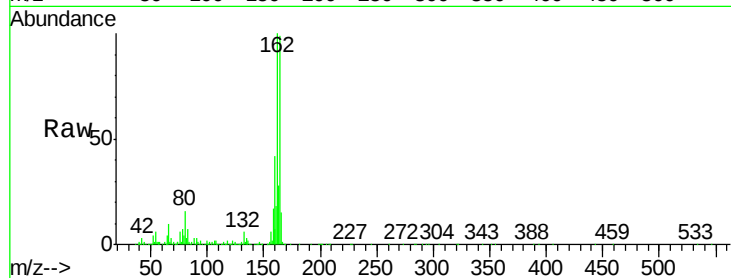
Tgt Ion:164 Resp: 388748

Ion Ratio Lower Upper

164 100

162 101.1 87.7 131.5

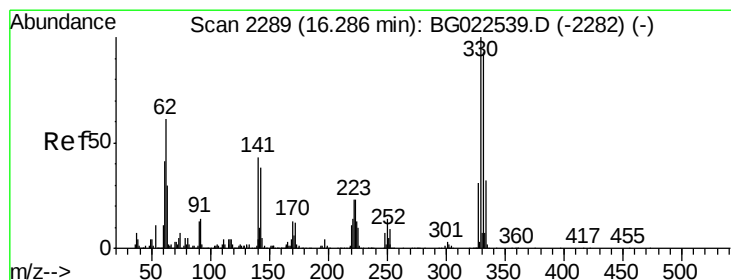
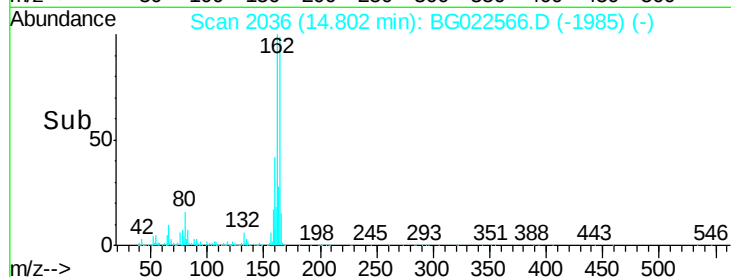
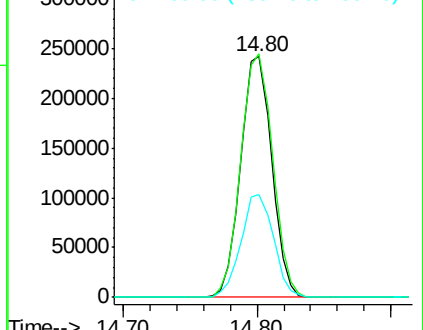
160 42.9 37.2 55.8



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: 140.43 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022566.D

Acq: 25 Jun 2016 9:27

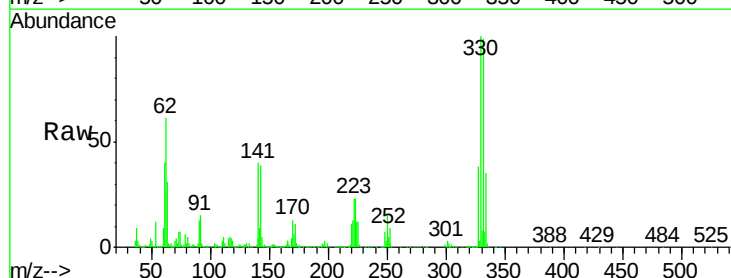
Tgt Ion:330 Resp: 858630

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

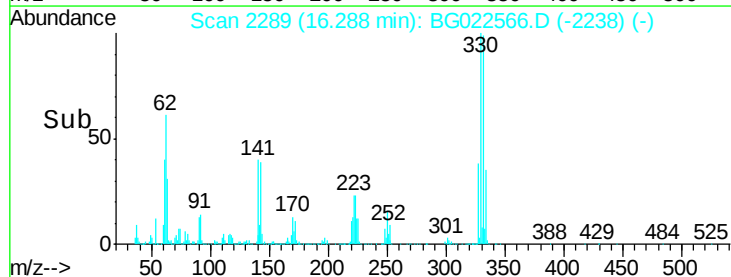
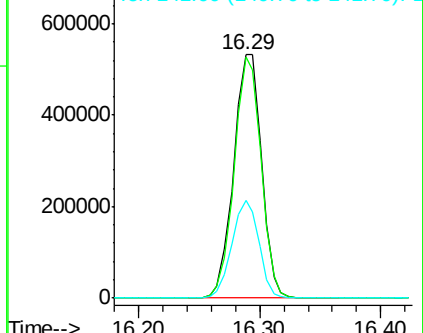
141 38.6 31.7 47.5

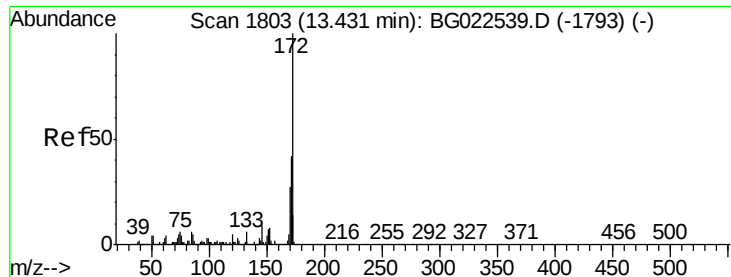


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

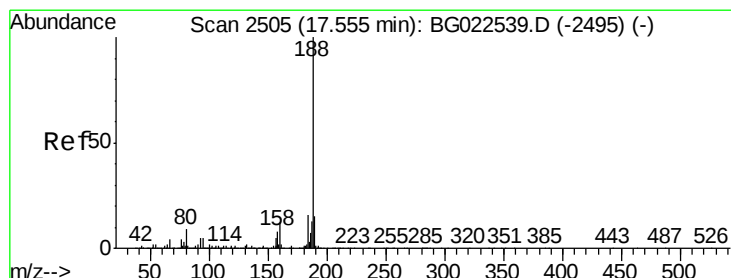
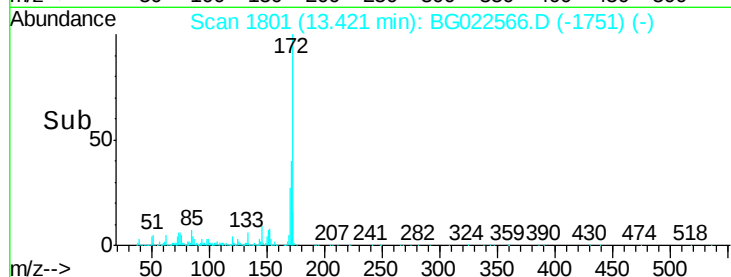
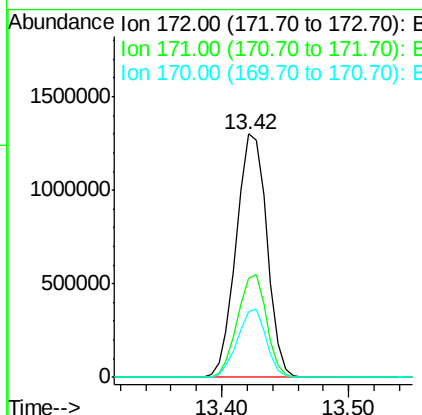
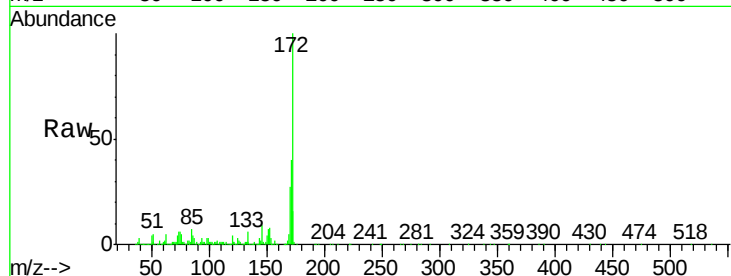




#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022566.D
 Acq: 25 Jun 2016 9:27

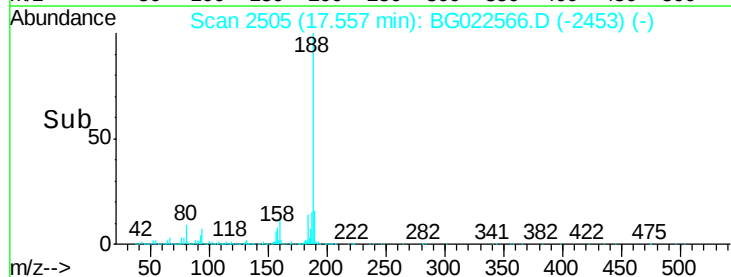
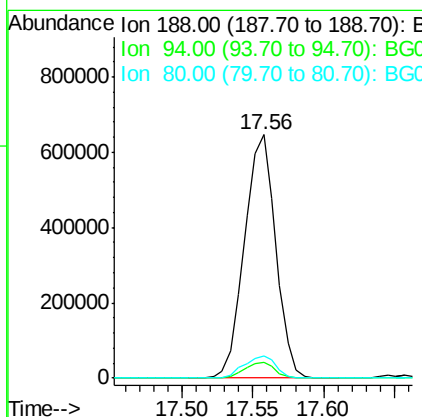
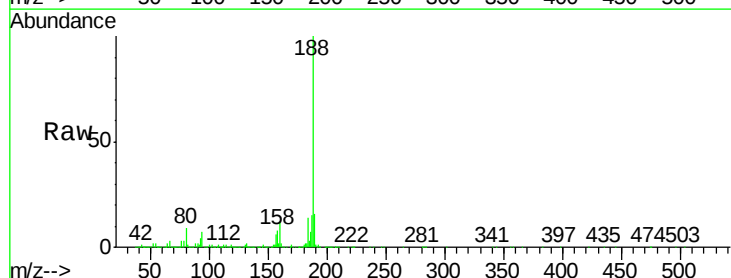
Instrument :
 BNA_G
 ClientSampleId :
 TEPMW9D

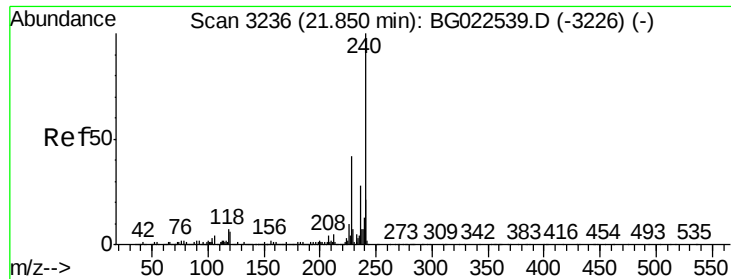
Tgt Ion:172 Resp: 2178608
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.1 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. 0.01 min
 Lab File: BG022566.D
 Acq: 25 Jun 2016 9:27

Tgt Ion:188 Resp: 1001335
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.2 7.8
 80 8.9 7.2 10.8

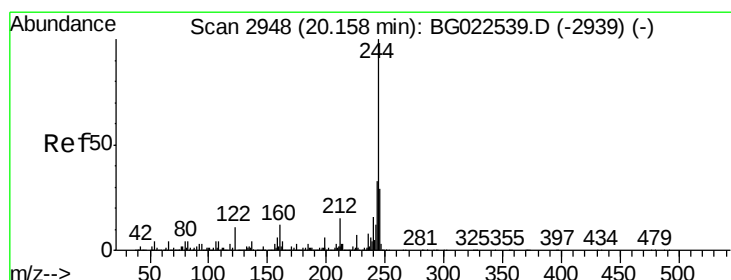
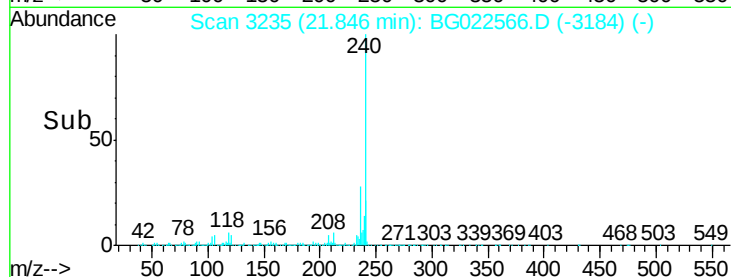
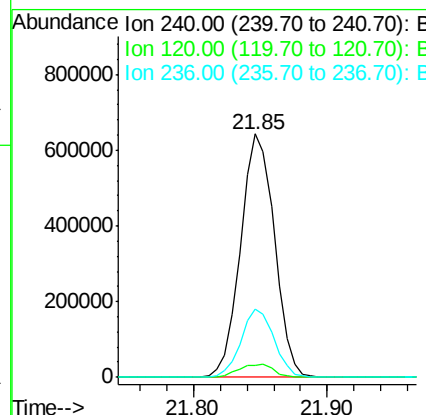
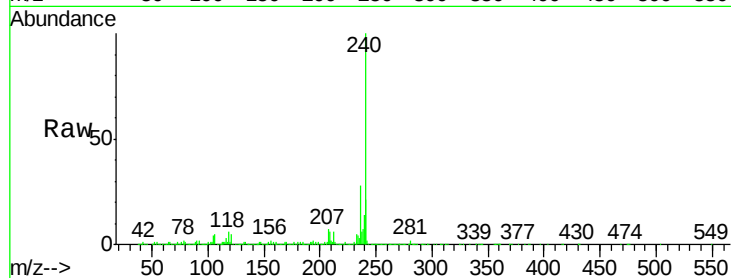




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022566.D
Acq: 25 Jun 2016 9:27

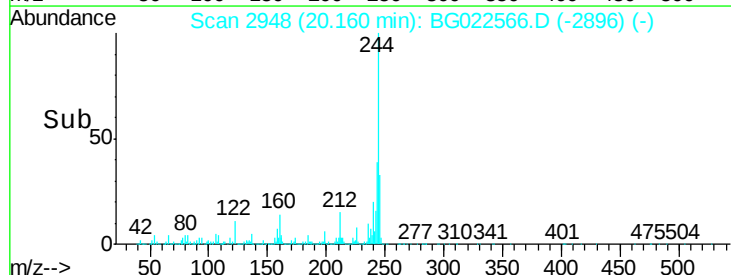
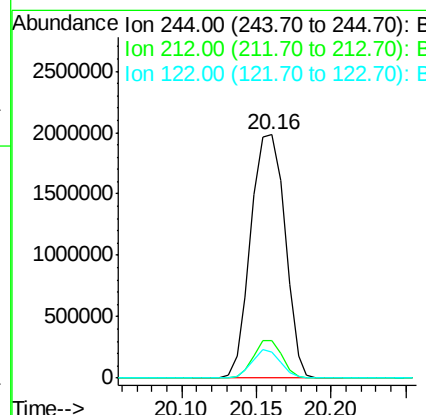
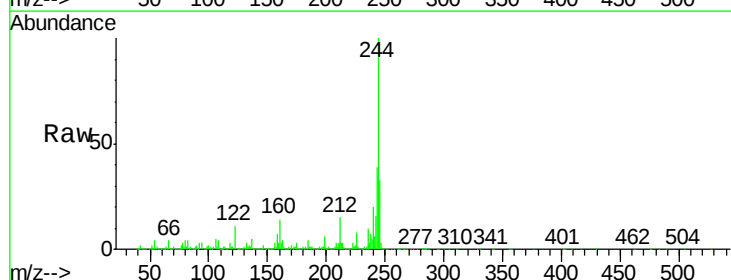
Instrument :
BNA_G
ClientSampleId :
TEPMW9D

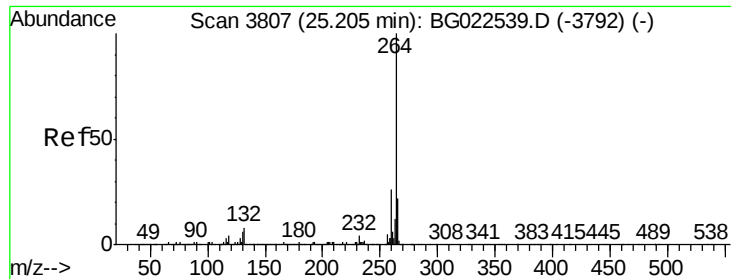
Tgt Ion:240 Resp: 1123476
Ion Ratio Lower Upper
240 100
120 4.8 4.1 6.1
236 28.1 21.1 31.7



#78
Terphenyl-d14
Concen: 74.12 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022566.D
Acq: 25 Jun 2016 9:27

Tgt Ion:244 Resp: 3143194
Ion Ratio Lower Upper
244 100
212 15.4 10.8 16.2
122 10.9 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022566.D
Acq: 25 Jun 2016 9:27

Instrument :
BNA_G
ClientSampleId :
TEPMW9D

Tgt Ion: 264 Resp: 1171041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	23.1	18.9	28.3

