

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022568.D
 Acq On : 25 Jun 2016 10:47
 Operator : UM/SJ
 Sample : H3633-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-20

Quant Time: Jun 27 01:21:52 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	127966	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	528973	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	382470	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	960726	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1085728	20.00	ng	0.00
86) Perylene-d12	25.20	264	1137139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	491861	61.65	ng	0.00
7) Phenol-d6	7.30	99	481418	42.81	ng	0.00
23) Nitrobenzene-d5	9.34	82	1172399	93.81	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	842486	140.05	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2195322	91.03	ng	0.00
78) Terphenyl-d14	20.15	244	3124493	76.24	ng	0.00

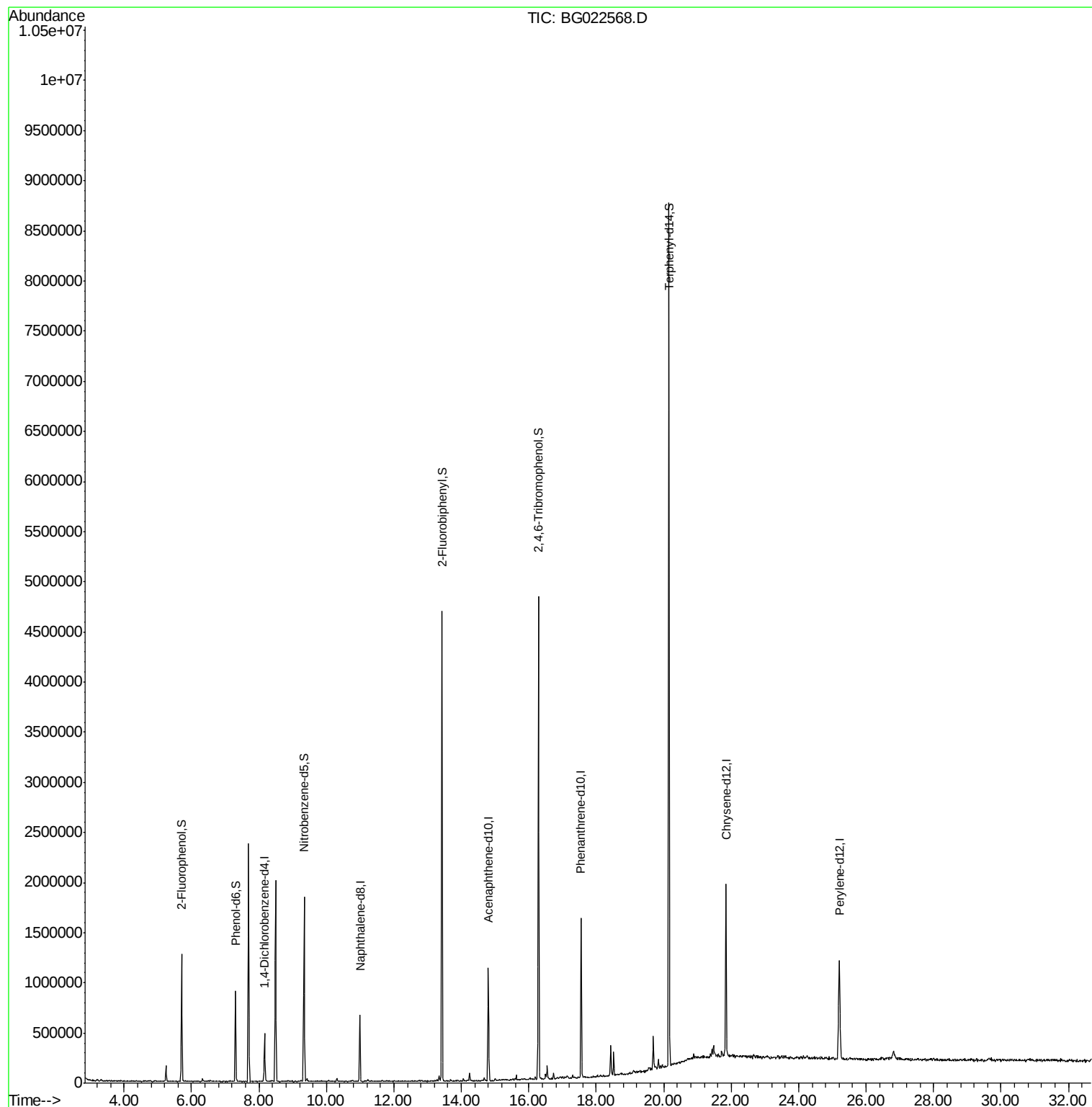
Target Compounds	Qvalue
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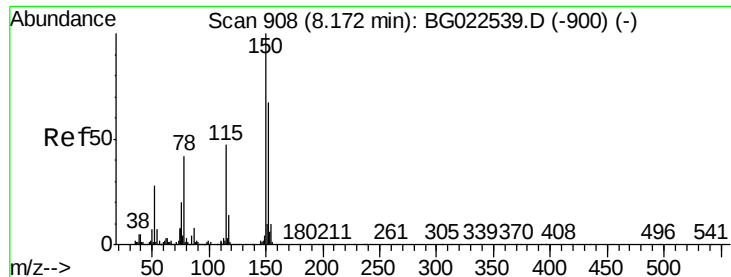
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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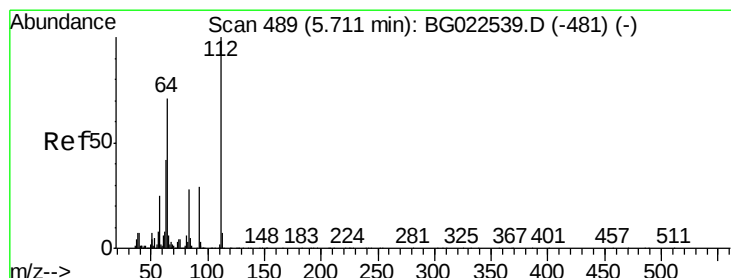
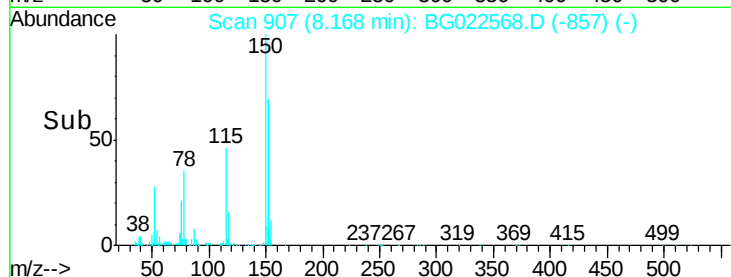
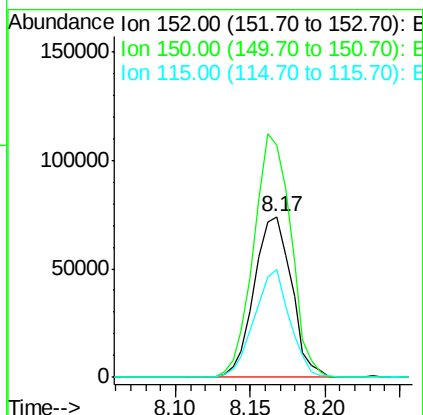
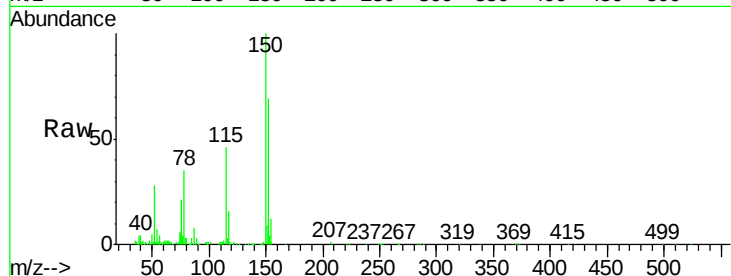


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022568.D
Acq: 25 Jun 2016 10:47

Instrument :
BNA_G
ClientSampleId :
TEMW2-20

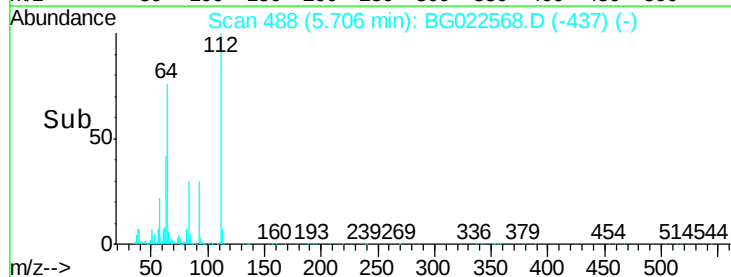
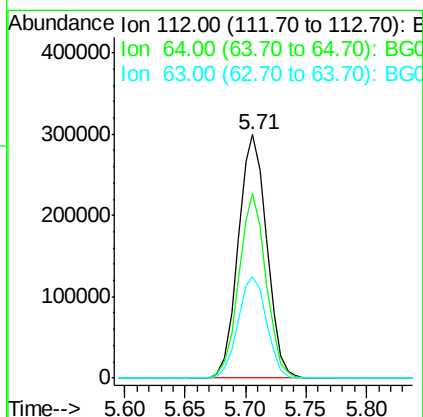
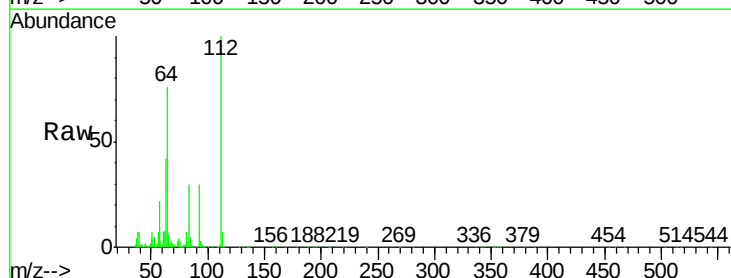
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.3	144.7	217.1#
115	66.9	64.0	96.0

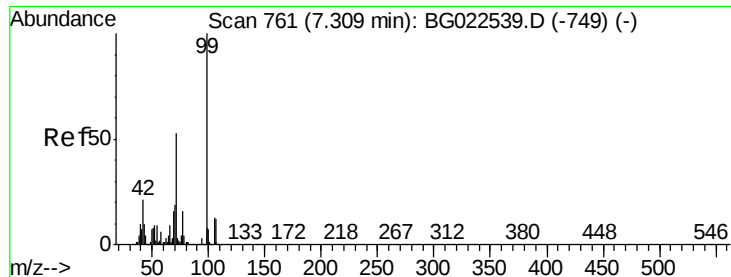


#5

2-Fluorophenol
Concen: 61.65 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022568.D
Acq: 25 Jun 2016 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.8	59.0	88.4
63	41.8	37.8	56.8





#7

Phenol-d6

Concen: 42.81 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022568.D

Acq: 25 Jun 2016 10:47

Instrument :

BNA_G

ClientSampleId :

TEMW2-20

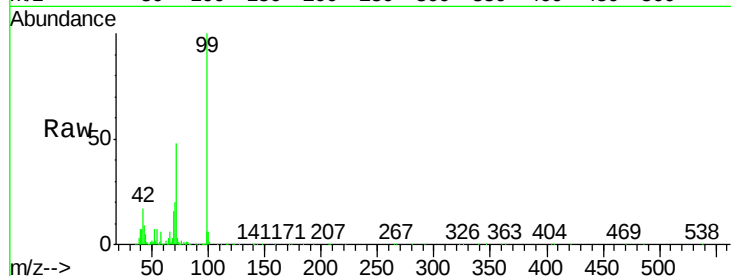
Tgt Ion: 99 Resp: 481418

Ion Ratio Lower Upper

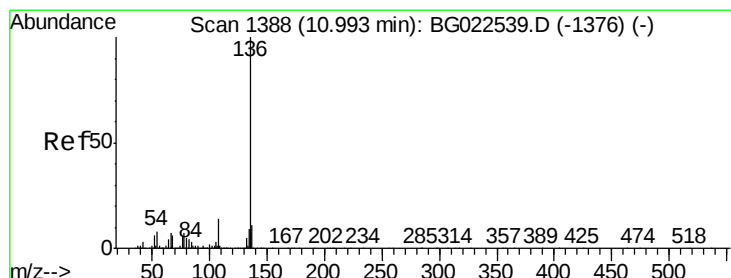
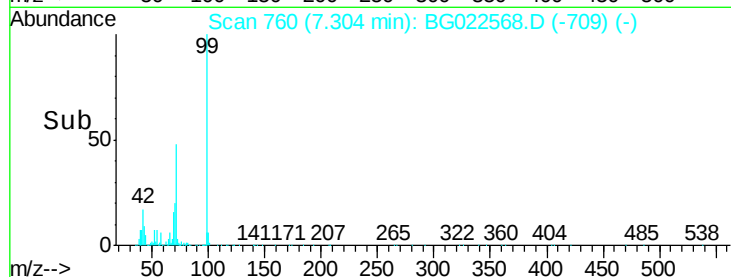
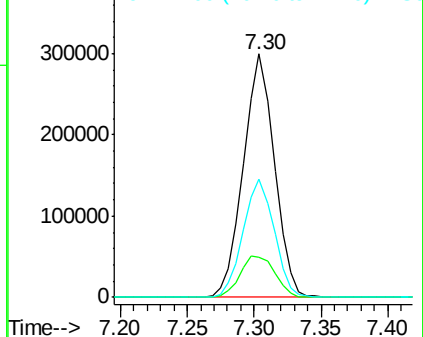
99 100

42 16.6 17.8 26.6#

71 48.3 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# 1388

Delta R.T. 0.00 min

Lab File: BG022568.D

Acq: 25 Jun 2016 10:47

Tgt Ion: 136 Resp: 528973

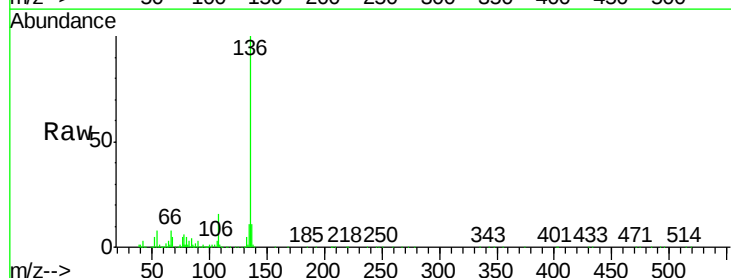
Ion Ratio Lower Upper

136 100

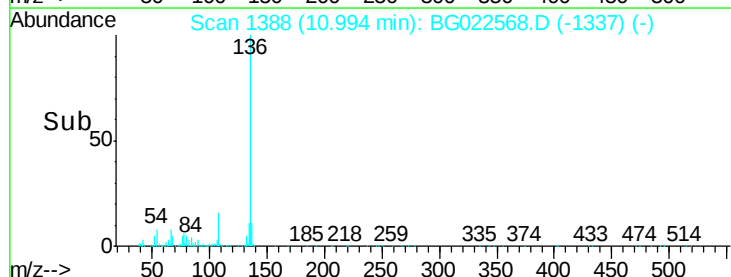
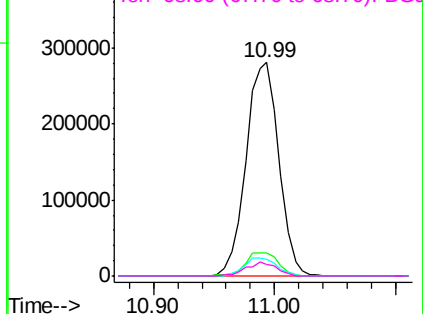
137 11.0 9.6 14.4

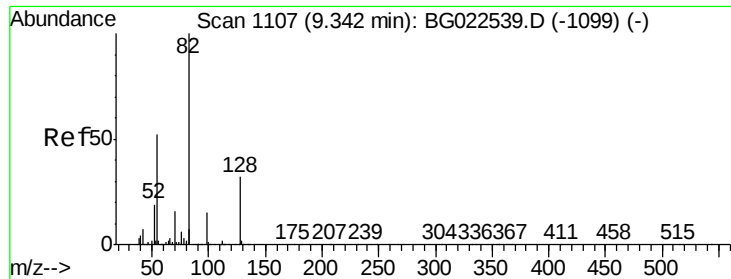
54 8.0 7.3 10.9

68 5.4 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

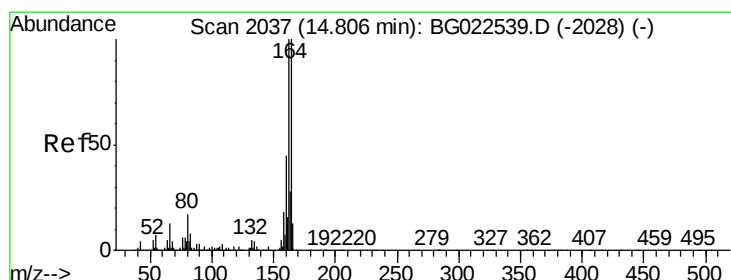
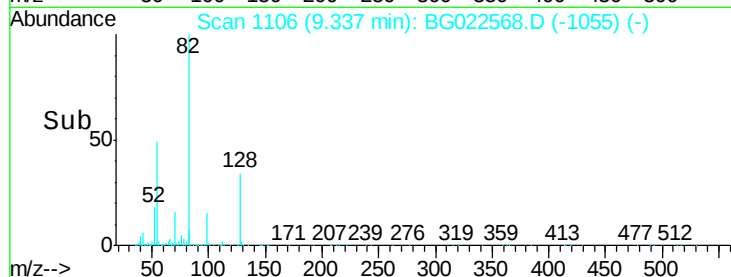
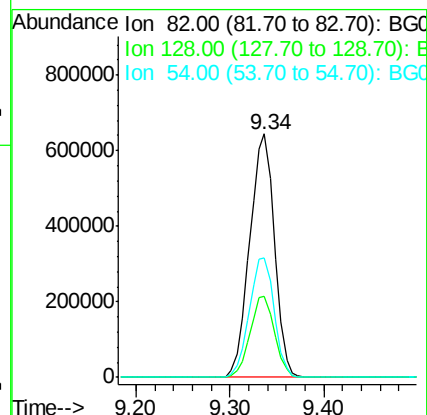
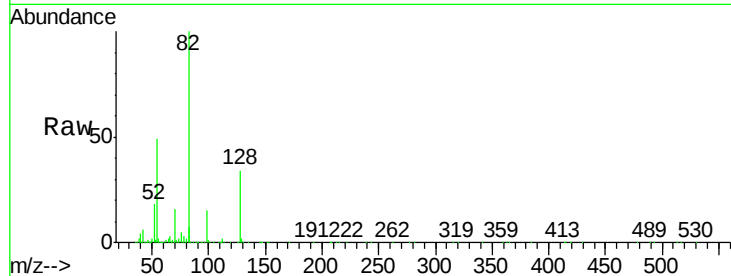




#23
Nitrobenzene-d5
Concen: 93.81 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022568.D
Acq: 25 Jun 2016 10:47

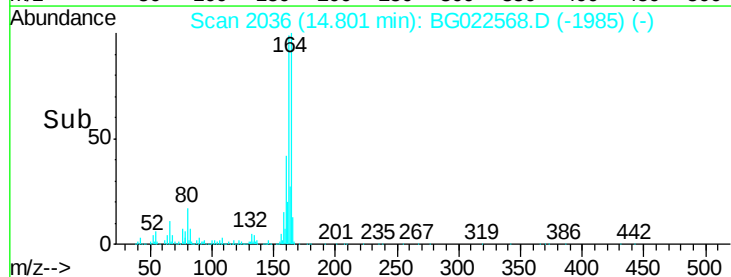
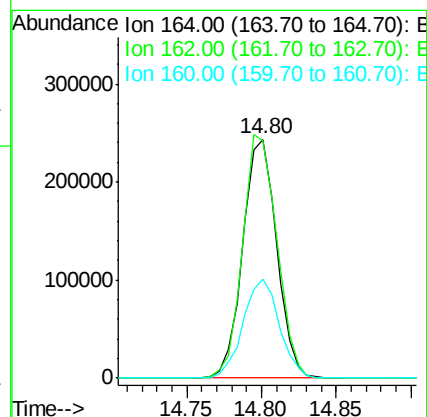
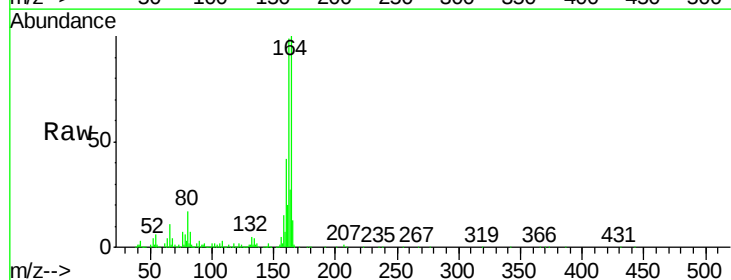
Instrument :
BNA_G
ClientSampleId :
TEMW2-20

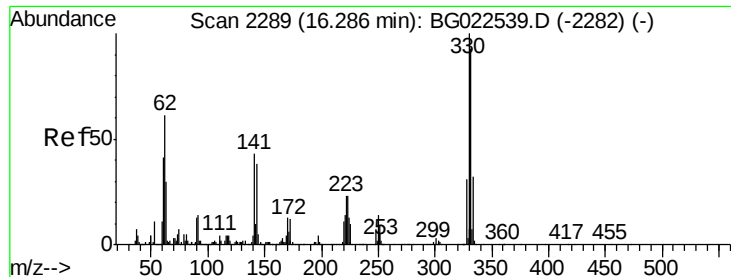
Tgt Ion: 82 Resp: 1172399
Ion Ratio Lower Upper
82 100
128 33.5 24.4 36.6
54 49.1 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022568.D
Acq: 25 Jun 2016 10:47

Tgt Ion: 164 Resp: 382470
Ion Ratio Lower Upper
164 100
162 99.4 87.7 131.5
160 41.7 37.2 55.8

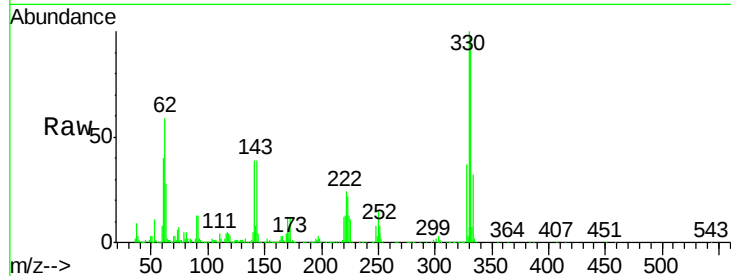




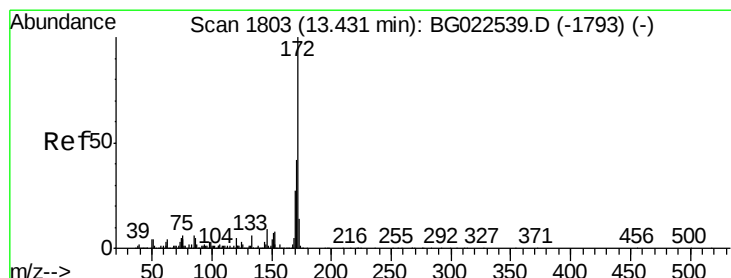
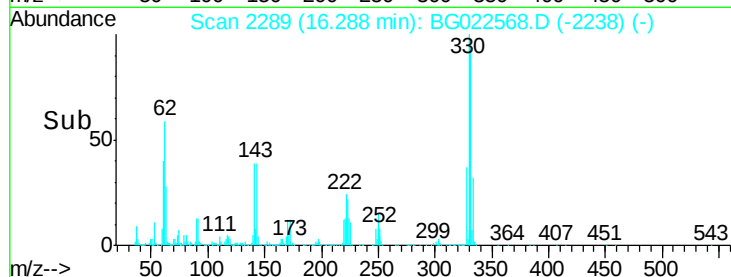
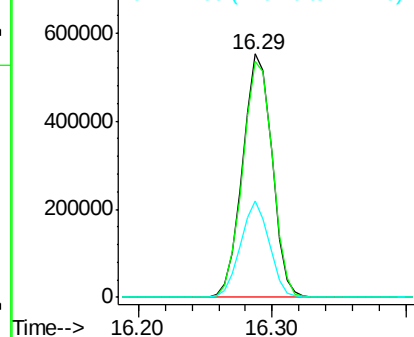
#41
 2,4,6-Tribromophenol
 Concen: 140.05 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022568.D
 Acq: 25 Jun 2016 10:47

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-20

Tgt Ion:330 Resp: 842486
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 39.0 31.7 47.5

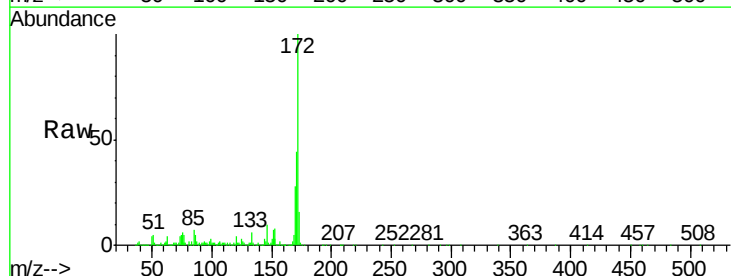


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

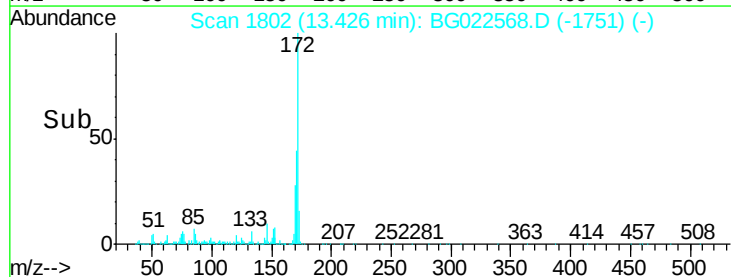
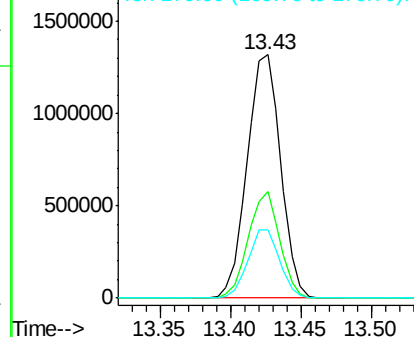


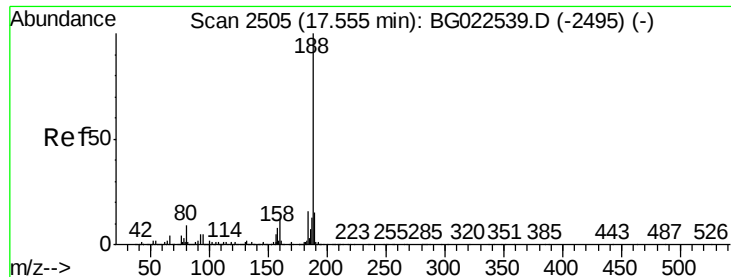
#44
 2-Fluorobiphenyl
 Concen: 91.03 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG022568.D
 Acq: 25 Jun 2016 10:47

Tgt Ion:172 Resp: 2195322
 Ion Ratio Lower Upper
 172 100
 171 43.9 31.6 47.4
 170 28.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG022568.D

Acq: 25 Jun 2016 10:47

Instrument :

BNA_G

ClientSampleId :

TEMW2-20

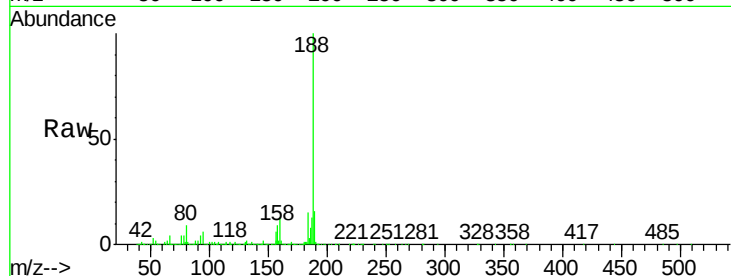
Tgt Ion:188 Resp: 960726

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

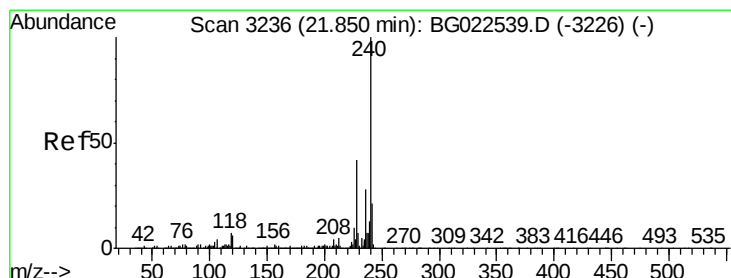
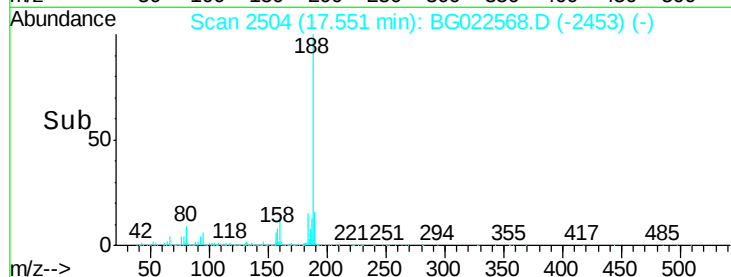
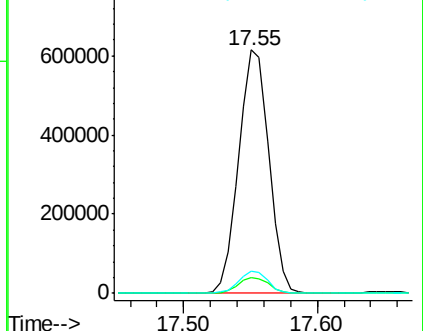
80 9.0 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022568.D

Acq: 25 Jun 2016 10:47

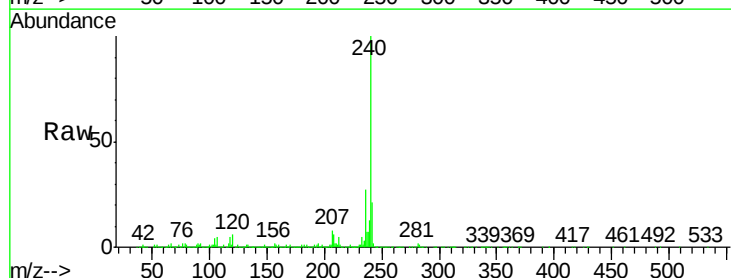
Tgt Ion:240 Resp: 1085728

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

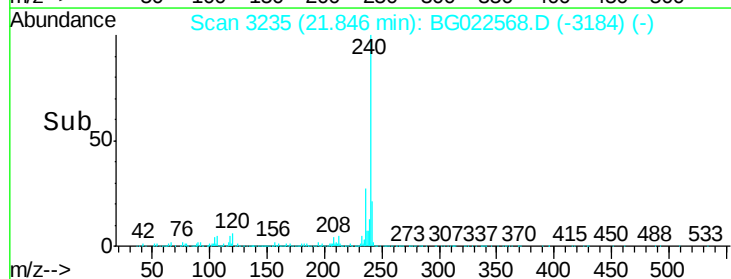
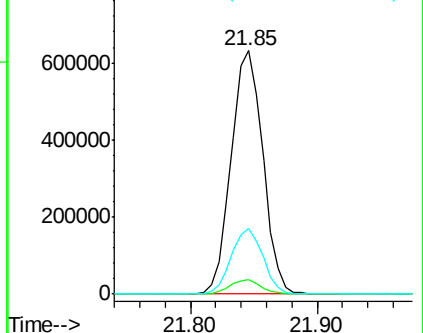
236 26.8 21.1 31.7

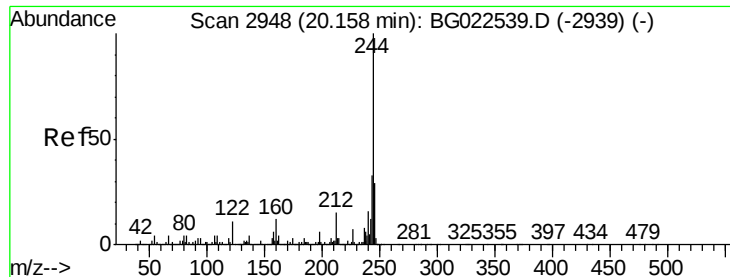


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.24 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022568.D

Acq: 25 Jun 2016 10:47

Instrument :

BNA_G

ClientSampleId :

TEMW2-20

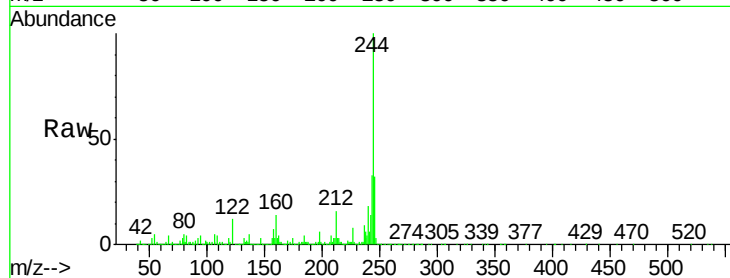
Tgt Ion:244 Resp: 3124493

Ion Ratio Lower Upper

244 100

212 15.8 10.8 16.2

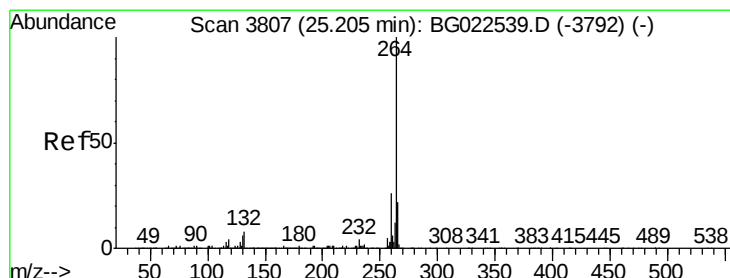
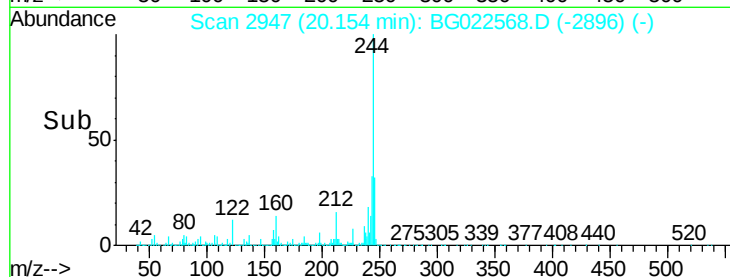
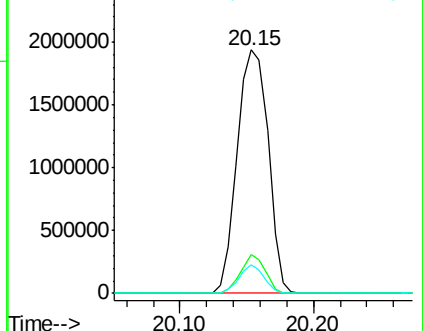
122 12.0 8.0 12.0



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: BG022568.D

Acq: 25 Jun 2016 10:47

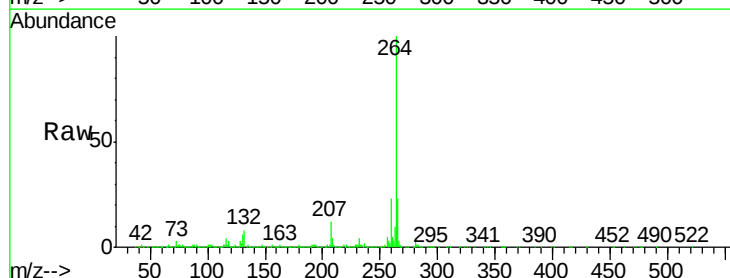
Tgt Ion:264 Resp: 1137139

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.8 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

