

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022569.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3633-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW2-22

Quant Time: Jun 27 01:23:06 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	132049	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	552870	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	390137	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	965235	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1092415	20.00	ng	0.00
86) Perylene-d12	25.20	264	1157318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	513611	62.39	ng	0.00
7) Phenol-d6	7.31	99	489980	42.22	ng	0.00
23) Nitrobenzene-d5	9.34	82	1173790	89.86	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	839004	136.73	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2211932	89.91	ng	0.00
78) Terphenyl-d14	20.15	244	2984939	72.39	ng	0.00

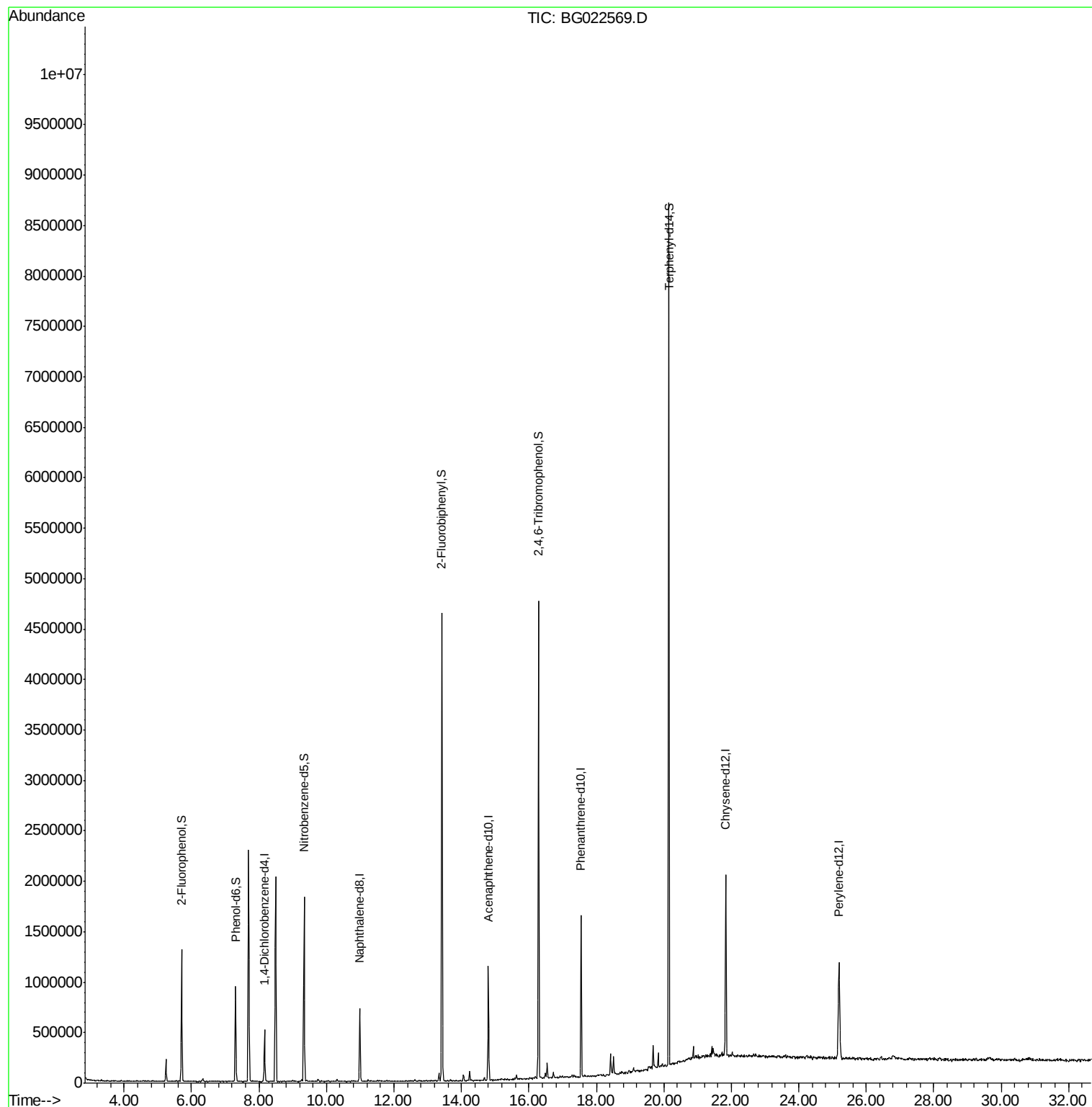
Target Compounds	Qvalue
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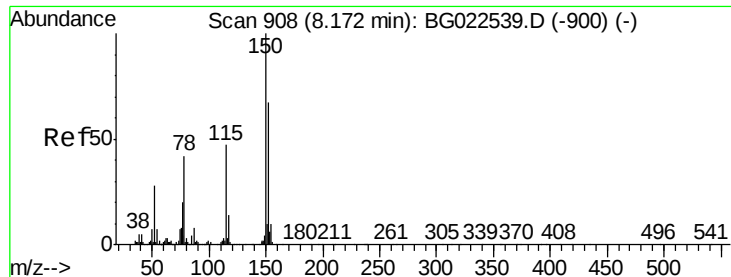
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

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ClientSampleId :

TEPMW2-22

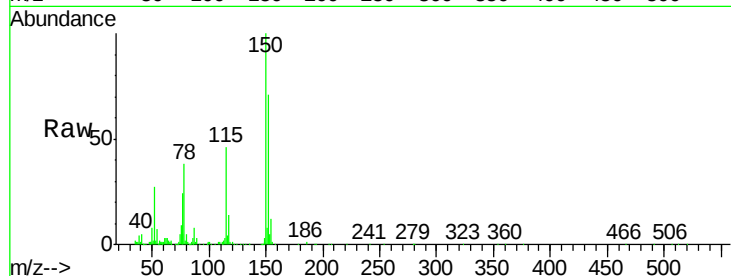
Tgt Ion:152 Resp: 132049

Ion Ratio Lower Upper

152 100

150 140.4 144.7 217.1#

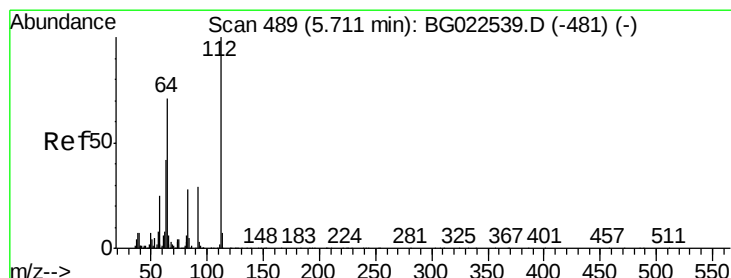
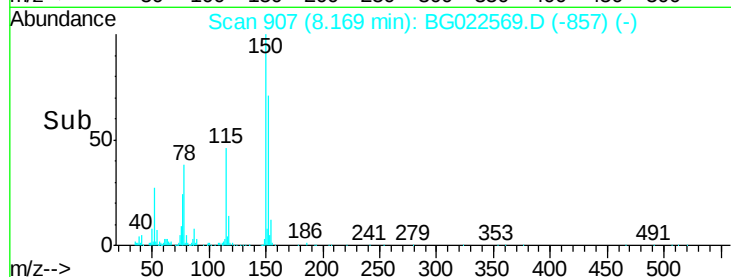
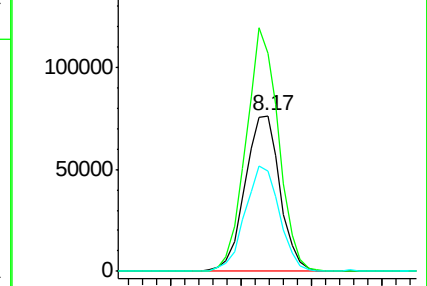
115 64.4 64.0 96.0



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: 62.39 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

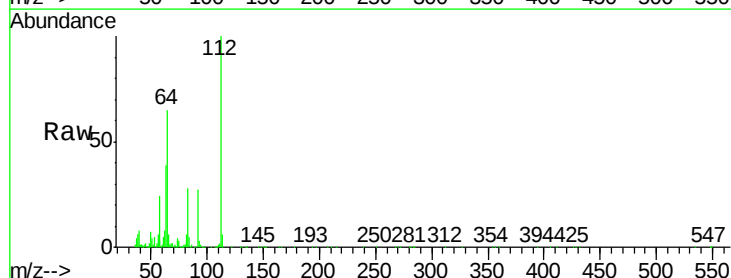
Tgt Ion:112 Resp: 513611

Ion Ratio Lower Upper

112 100

64 65.3 59.0 88.4

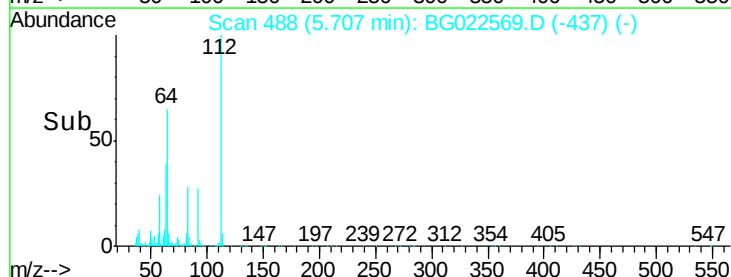
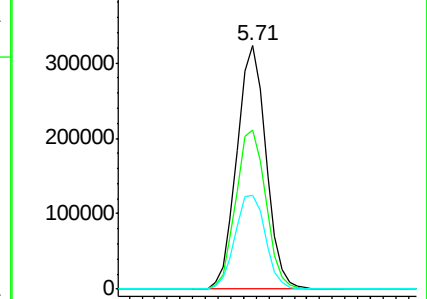
63 38.5 37.8 56.8



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: 42.22 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022569.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_G

ClientSampleId :

TEPMW2-22

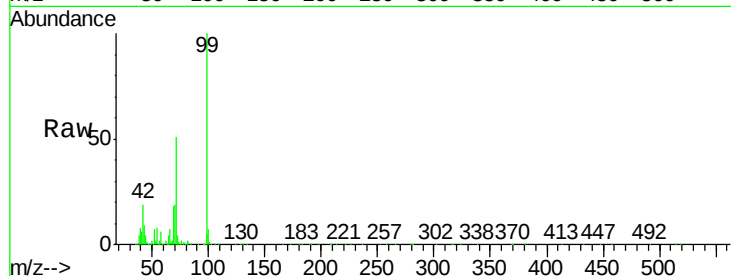
Tgt Ion: 99 Resp: 489980

Ion Ratio Lower Upper

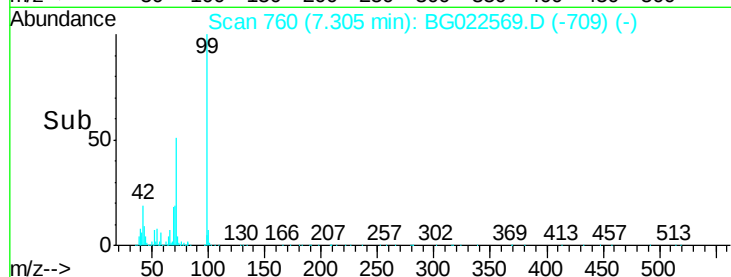
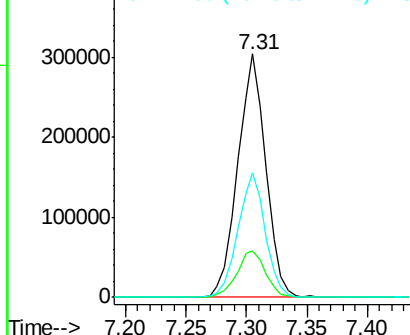
99 100

42 18.9 17.8 26.6

71 51.1 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: BG022569.D

Acq: 25 Jun 2016 11:27

Tgt Ion: 136 Resp: 552870

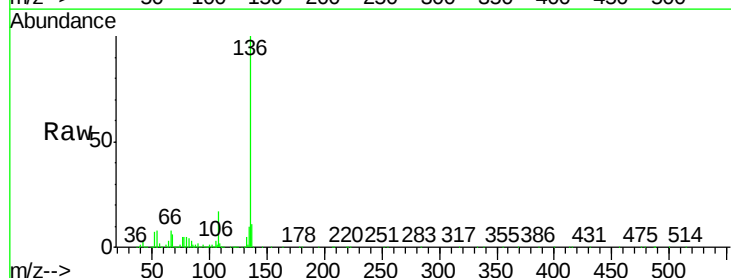
Ion Ratio Lower Upper

136 100

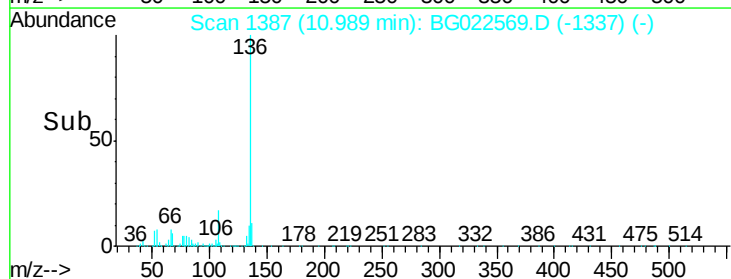
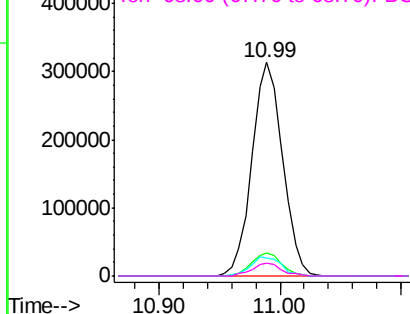
137 10.6 9.6 14.4

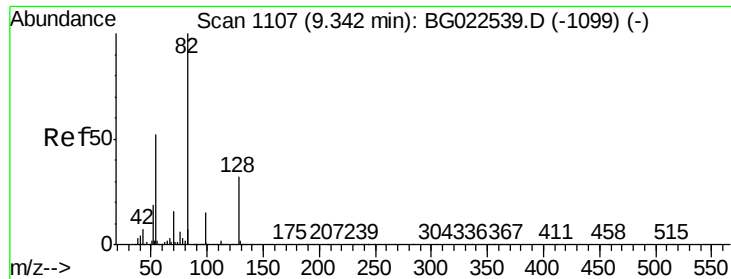
54 8.5 7.3 10.9

68 5.8 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

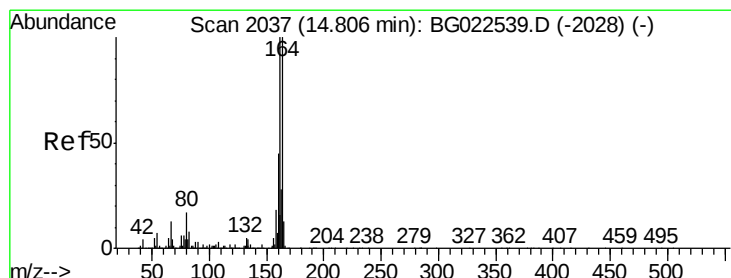
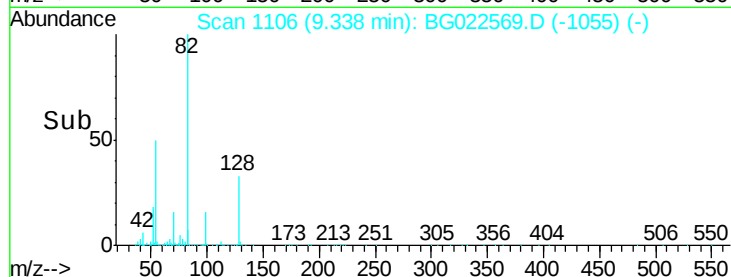
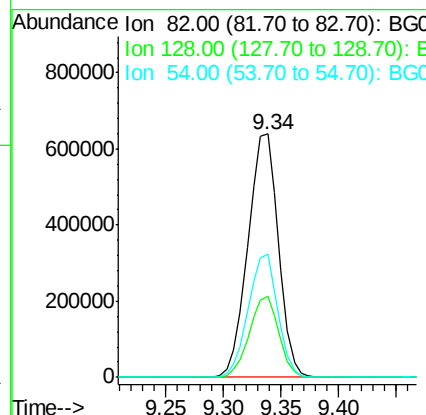
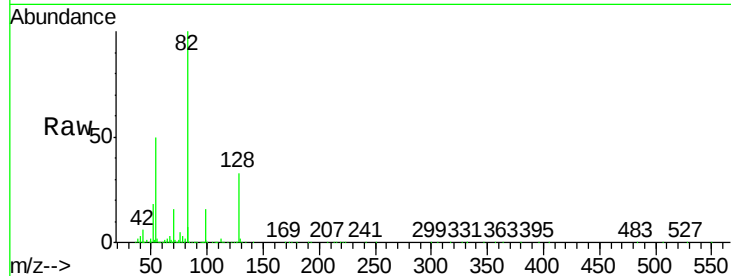




#23
Nitrobenzene-d5
Concen: 89.86 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

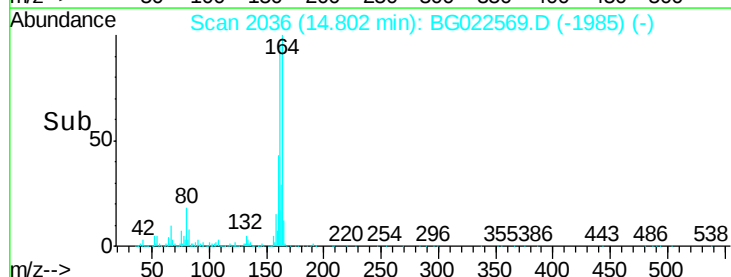
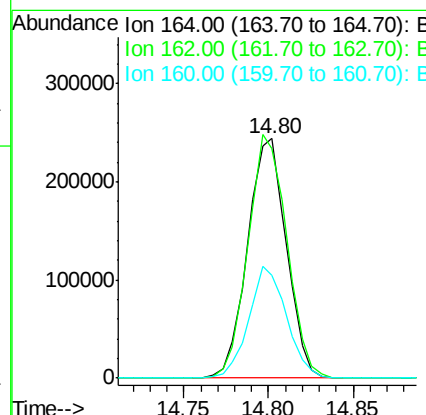
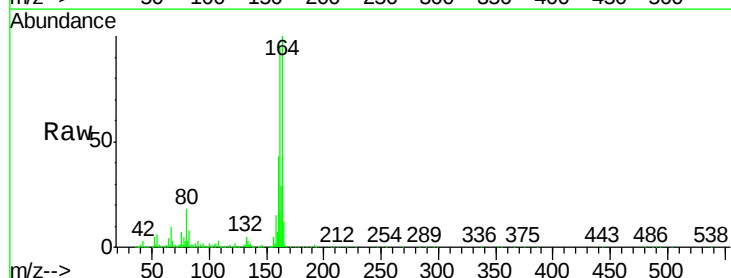
Instrument :
BNA_G
ClientSampleId :
TEPMW2-22

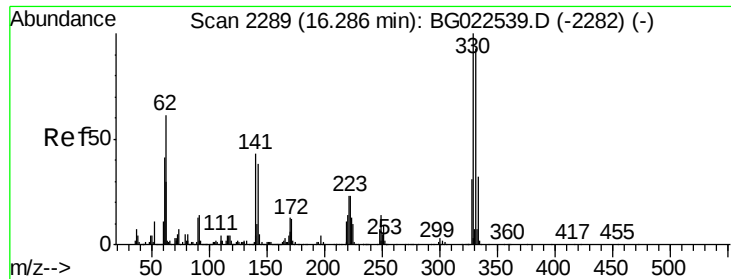
Tgt Ion: 82 Resp: 1173790
Ion Ratio Lower Upper
82 100
128 33.1 24.4 36.6
54 50.5 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

Tgt Ion: 164 Resp: 390137
Ion Ratio Lower Upper
164 100
162 95.5 87.7 131.5
160 42.7 37.2 55.8

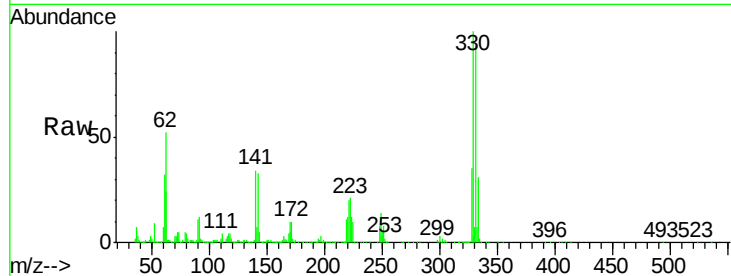




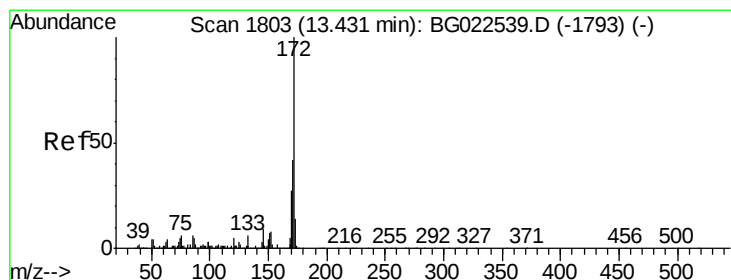
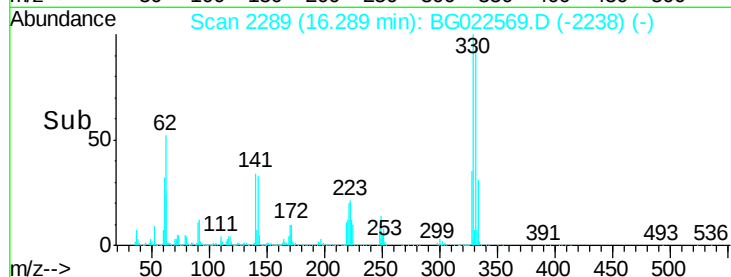
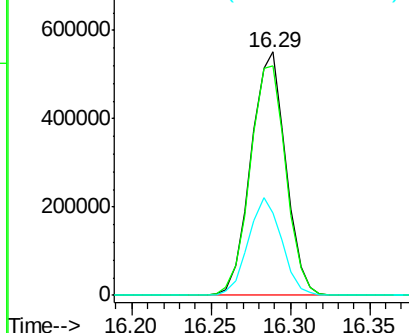
#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW2-22

Tgt Ion:330 Resp: 839004
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.0 31.7 47.5

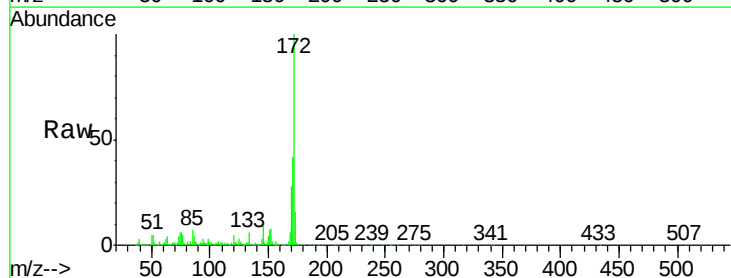


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

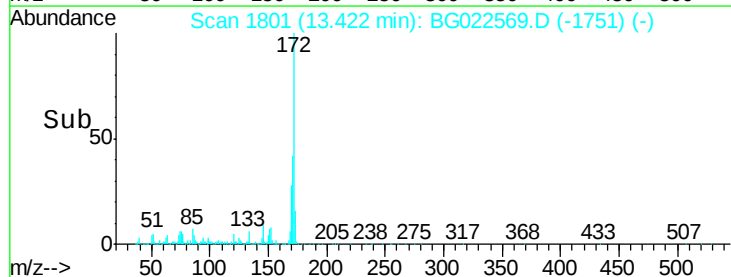
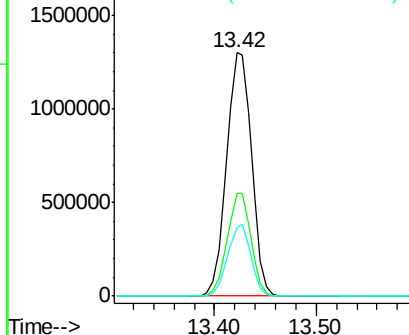


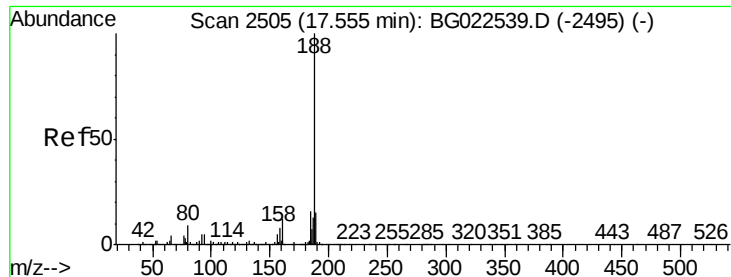
#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Tgt Ion:172 Resp: 2211932
 Ion Ratio Lower Upper
 172 100
 171 42.3 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

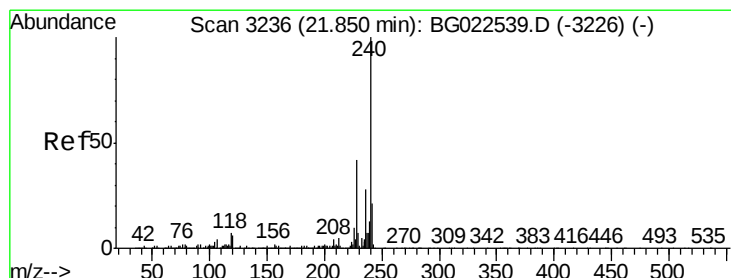
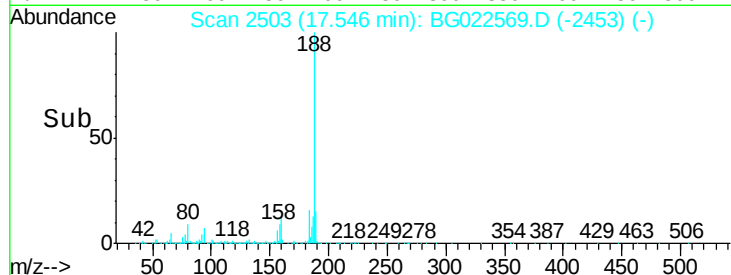
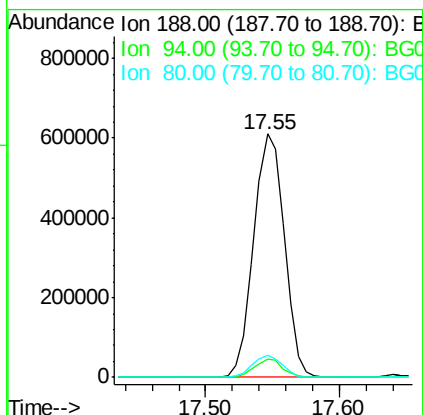
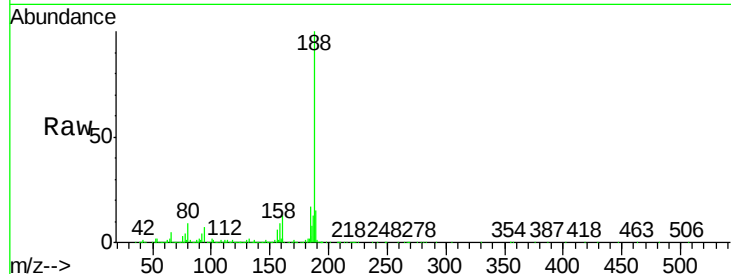




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

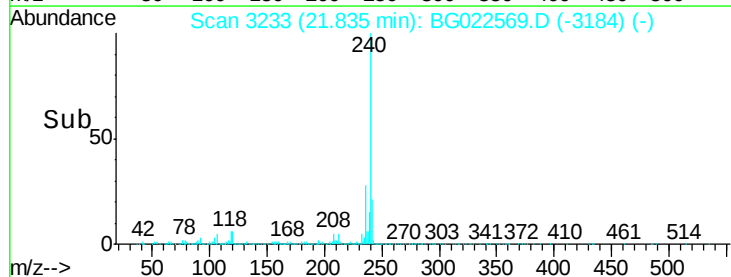
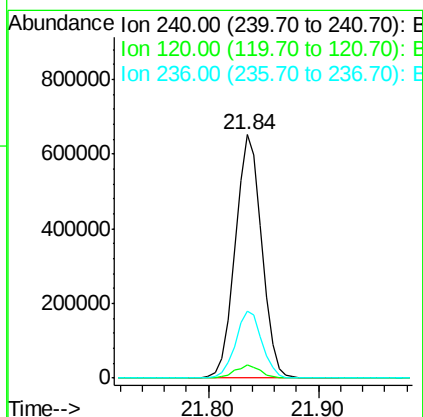
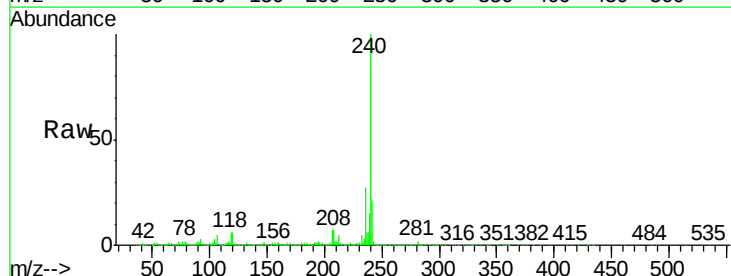
Instrument :
BNA_G
ClientSampleId :
TEPMW2-22

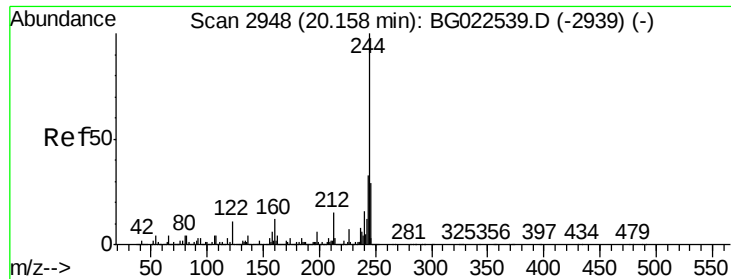
Tgt Ion:188 Resp: 965235
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG022569.D
Acq: 25 Jun 2016 11:27

Tgt Ion:240 Resp: 1092415
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 27.5 21.1 31.7

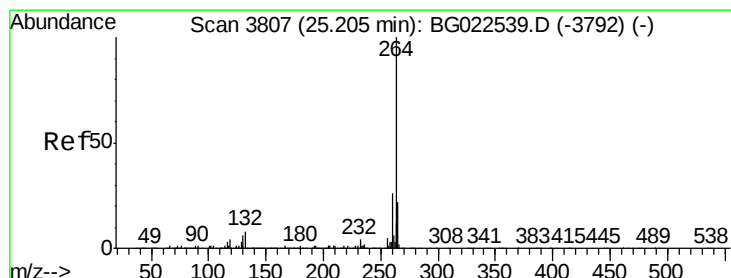
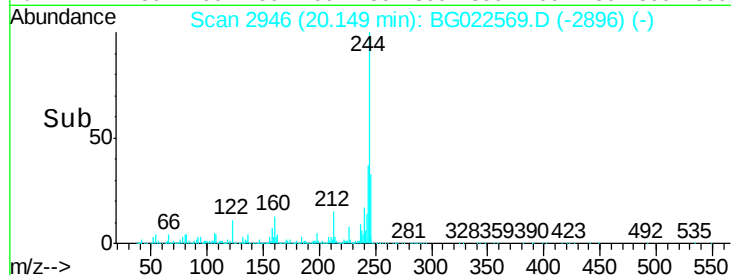
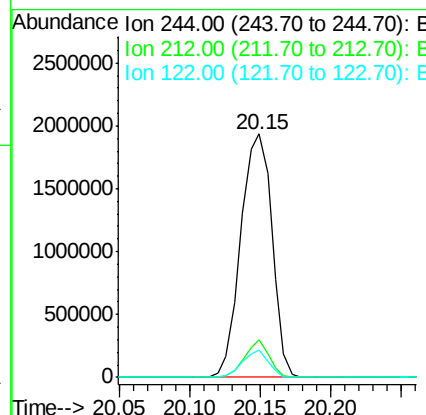
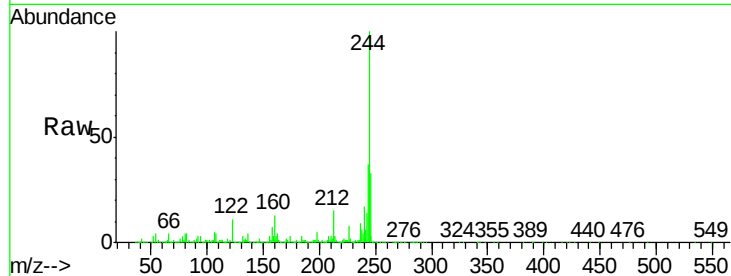




#78
 Terphenyl-d14
 Concen: 72.39 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW2-22

Tgt Ion:244 Resp: 2984939
 Ion Ratio Lower Upper
 244 100
 212 15.4 10.8 16.2
 122 11.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3805
 Delta R.T. -0.01 min
 Lab File: BG022569.D
 Acq: 25 Jun 2016 11:27

Tgt Ion:264 Resp: 1157318
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.2 18.9 28.3

