

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022564.D
 Acq On : 25 Jun 2016 8:07
 Operator : UM/SJ
 Sample : H3633-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW2-26

Quant Time: Jun 27 01:16:19 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	132273	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	562063	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	409071	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1043796	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1177107	20.00	ng	0.00
86) Perylene-d12	25.21	264	1194841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	489350	59.34	ng	0.00
7) Phenol-d6	7.30	99	466532	40.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	1179468	88.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	871712	135.48	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2236701	86.71	ng	0.00
78) Terphenyl-d14	20.16	244	3055562	68.77	ng	0.00

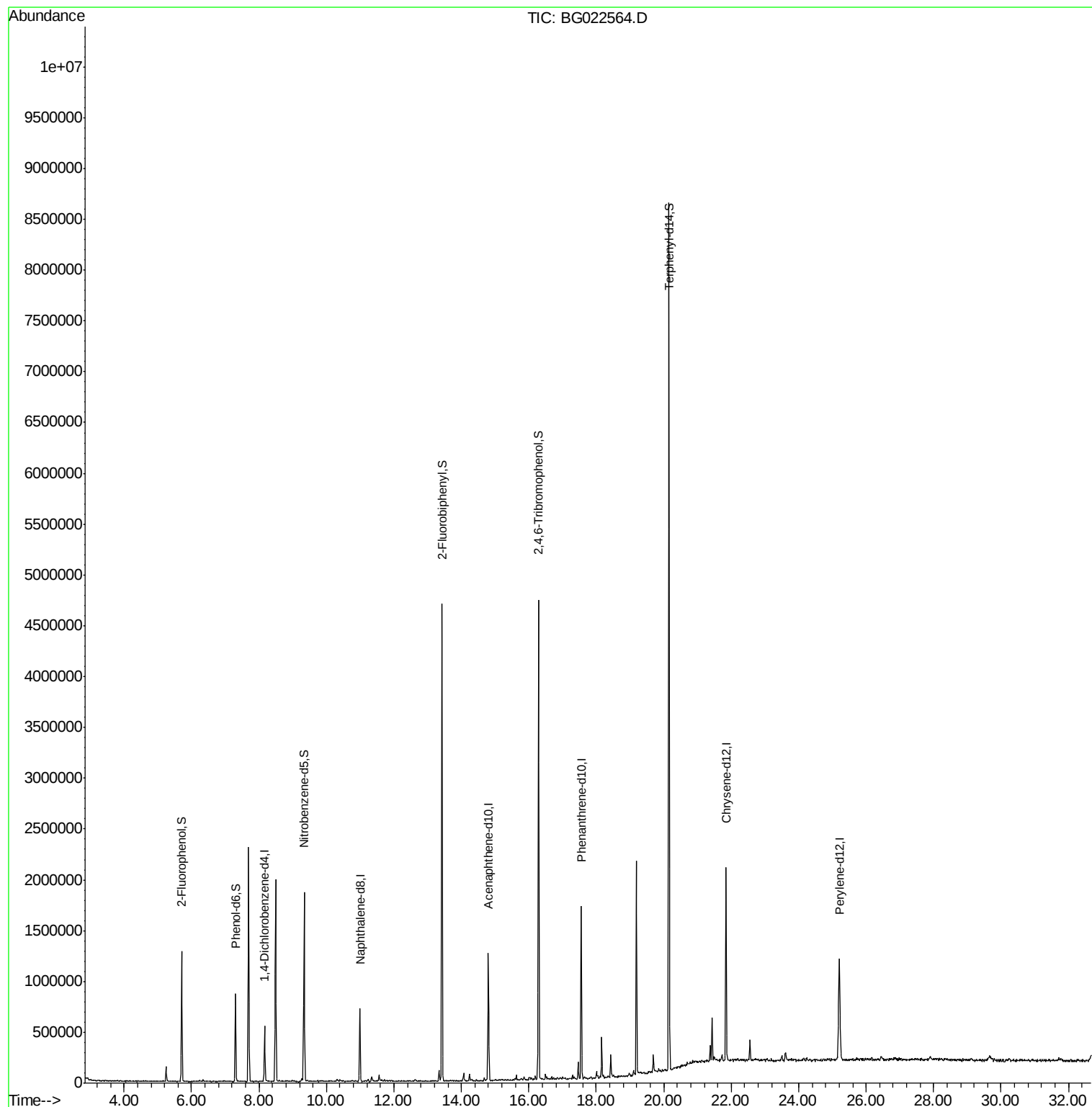
Target Compounds	Qvalue
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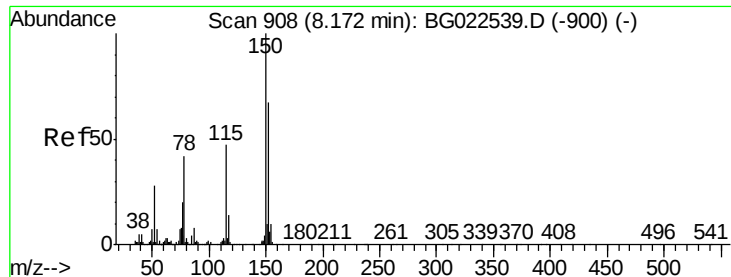
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022564.D

Acq: 25 Jun 2016 8:07

Instrument :

BNA_G

ClientSampleId :

TEPMW2-26

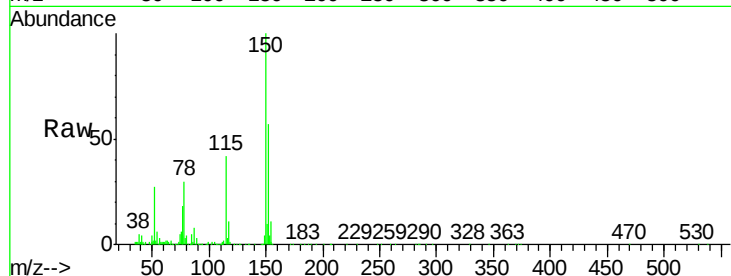
Tgt Ion:152 Resp: 132273

Ion Ratio Lower Upper

152 100

150 174.5 144.7 217.1

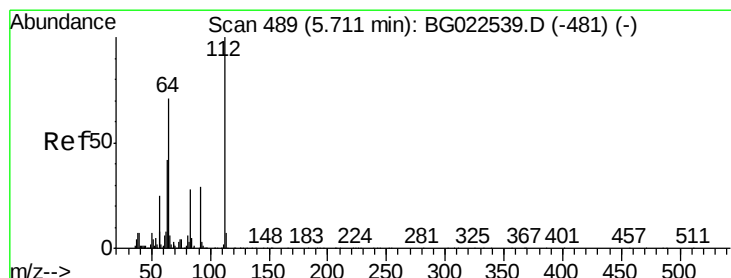
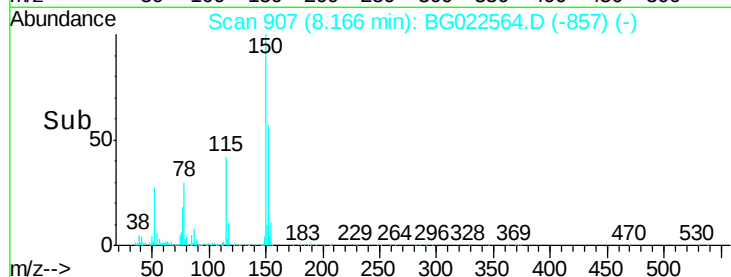
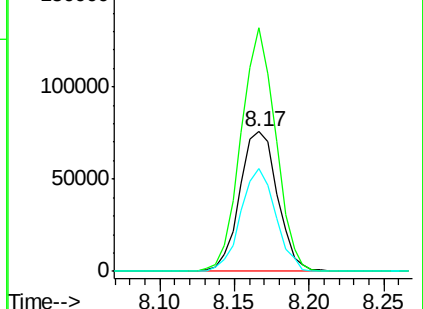
115 73.3 64.0 96.0



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: 59.34 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

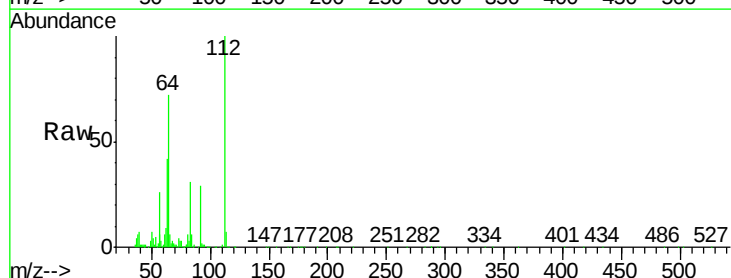
Tgt Ion:112 Resp: 489350

Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

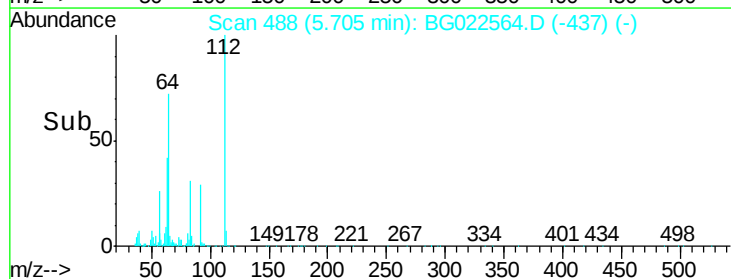
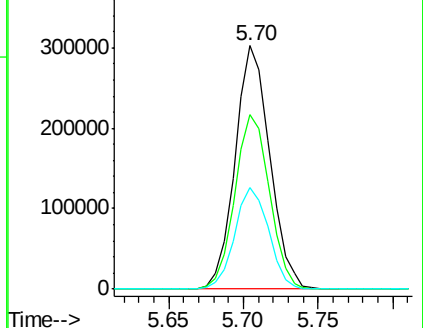
63 41.7 37.8 56.8

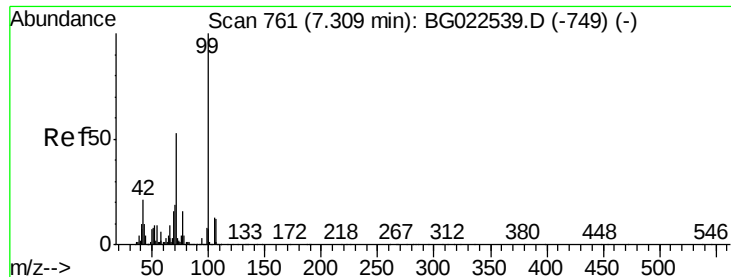


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.13 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

Instrument :

BNA_G

ClientSampleId :

TEPMW2-26

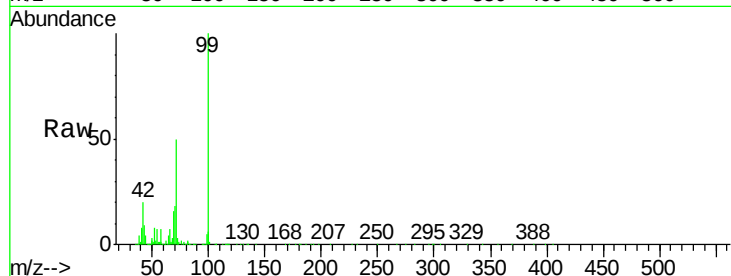
Tgt Ion: 99 Resp: 466532

Ion Ratio Lower Upper

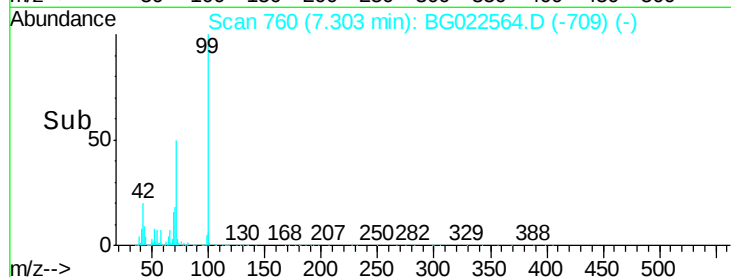
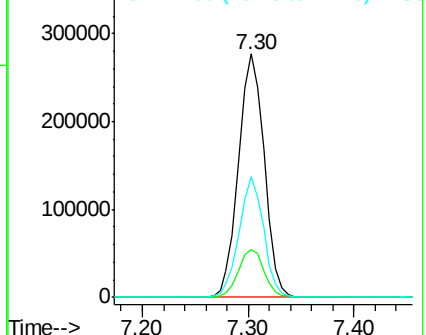
99 100

42 19.7 17.8 26.6

71 49.7 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: BG022564.D

Acq: 25 Jun 2016 8:07

Tgt Ion: 136 Resp: 562063

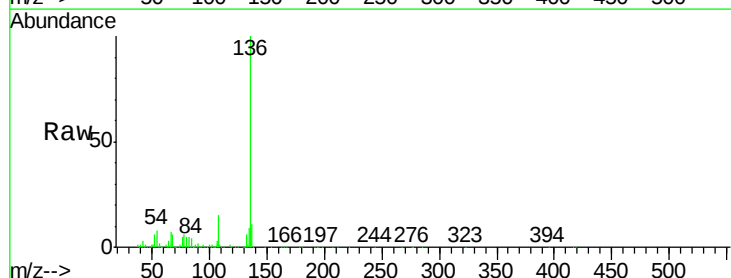
Ion Ratio Lower Upper

136 100

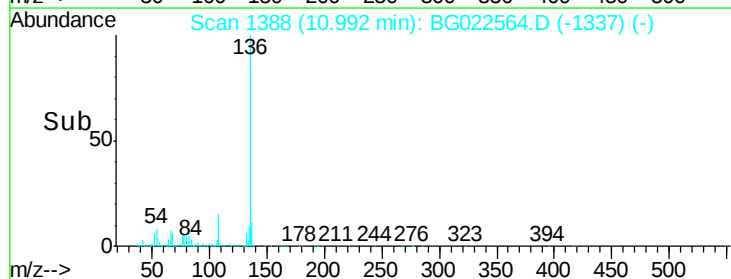
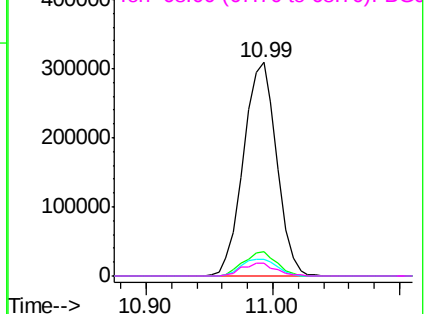
137 11.1 9.6 14.4

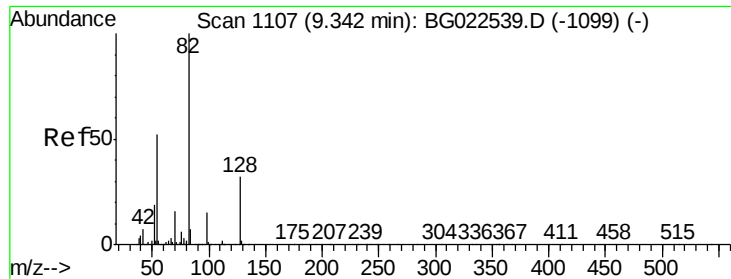
54 7.6 7.3 10.9

68 6.2 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

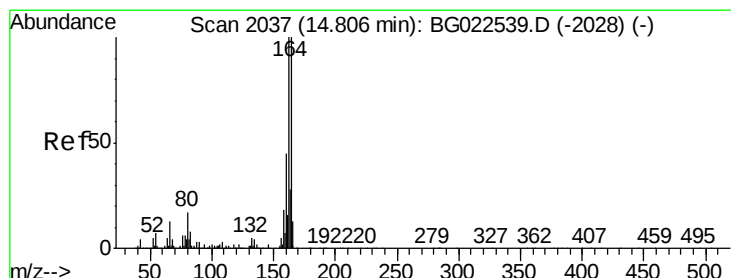
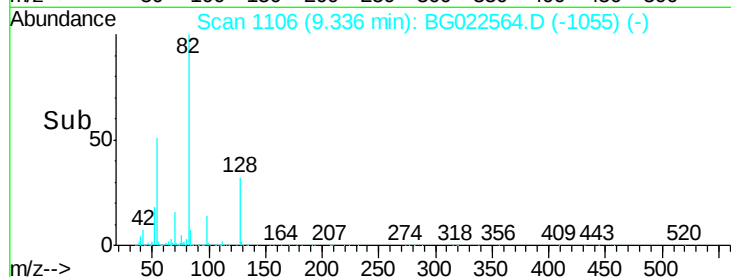
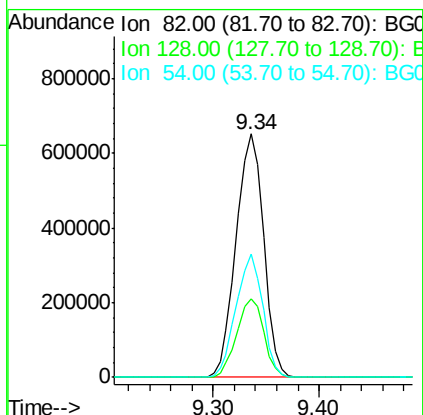
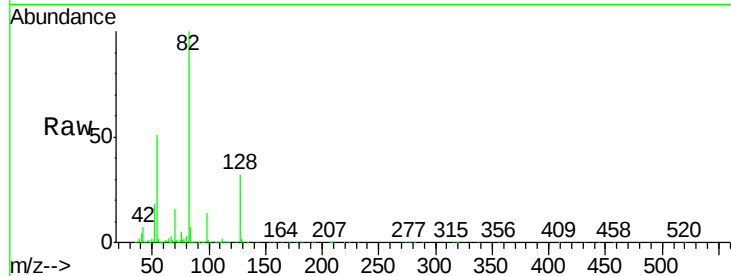




#23
Nitrobenzene-d5
Concen: 88.82 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022564.D
Acq: 25 Jun 2016 8:07

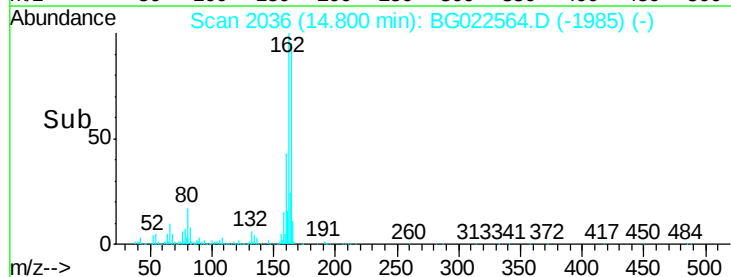
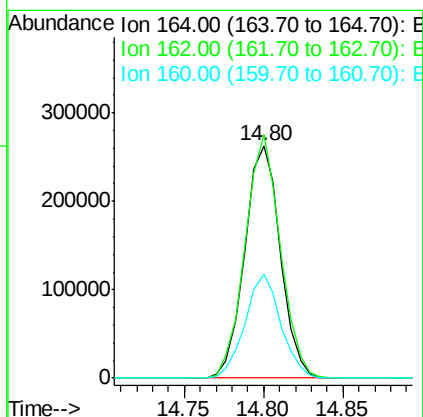
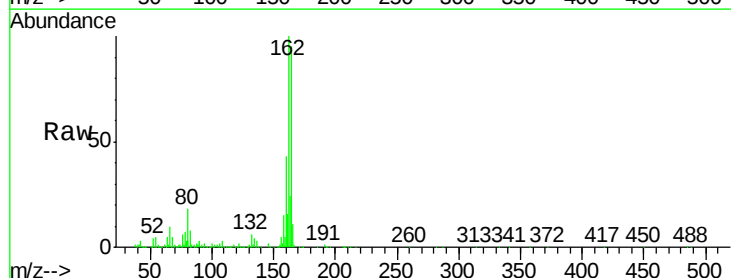
Instrument :
BNA_G
ClientSampleId :
TEPMW2-26

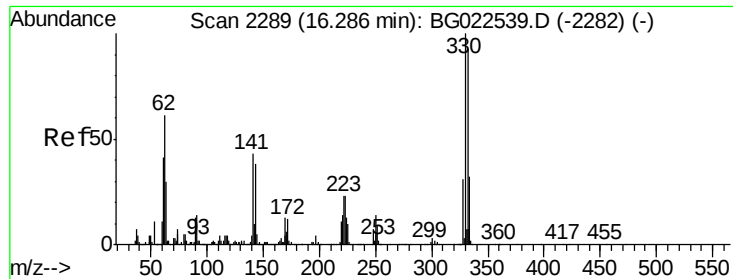
Tgt Ion: 82 Resp: 1179468
Ion Ratio Lower Upper
82 100
128 32.1 24.4 36.6
54 50.7 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022564.D
Acq: 25 Jun 2016 8:07

Tgt Ion: 164 Resp: 409071
Ion Ratio Lower Upper
164 100
162 104.8 87.7 131.5
160 44.9 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 135.48 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

Instrument :

BNA_G

ClientSampleId :

TEPMW2-26

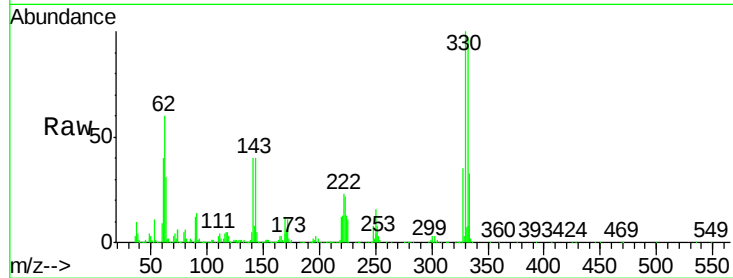
Tgt Ion:330 Resp: 871712

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

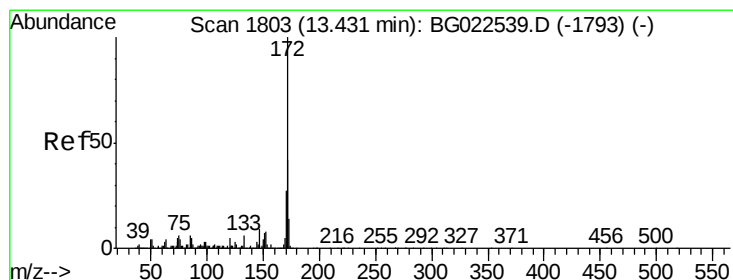
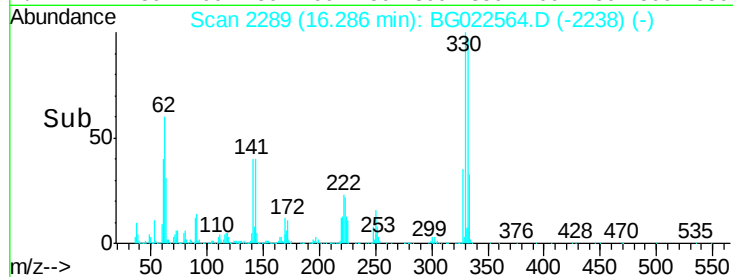
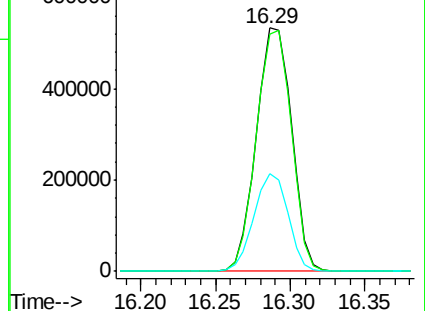
141 38.8 31.7 47.5



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: 86.71 ng

RT: 13.42 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

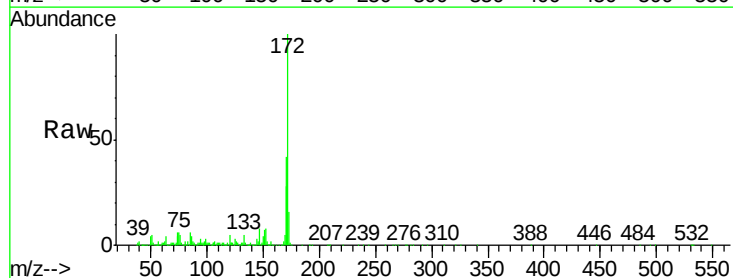
Tgt Ion:172 Resp: 2236701

Ion Ratio Lower Upper

172 100

171 41.5 31.6 47.4

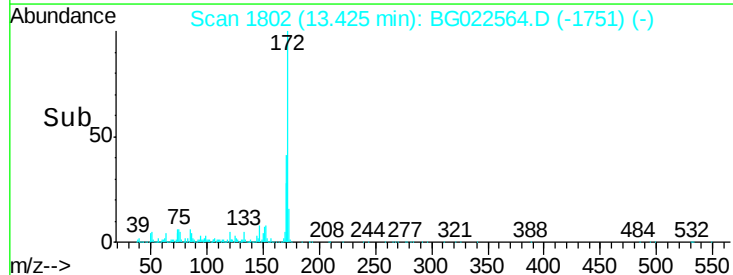
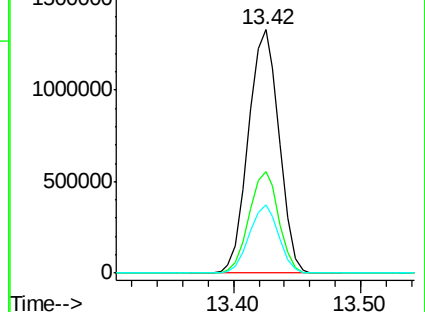
170 28.2 21.3 31.9

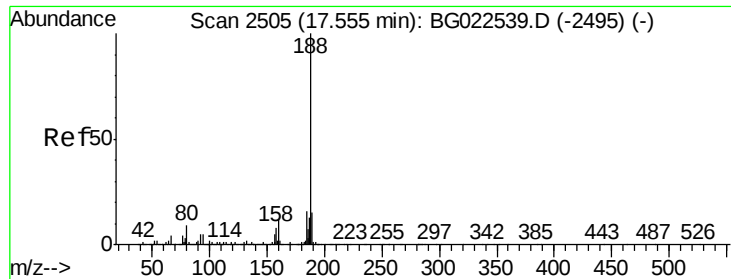


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

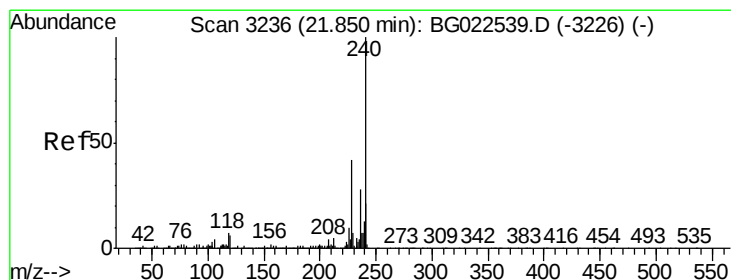
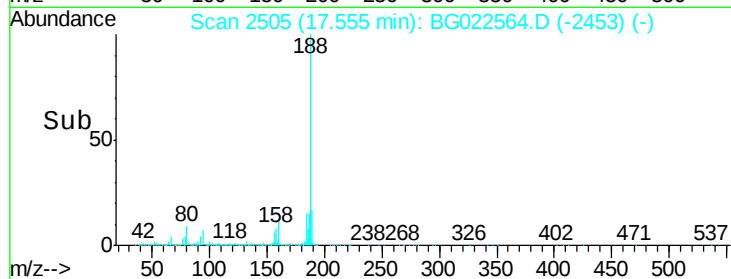
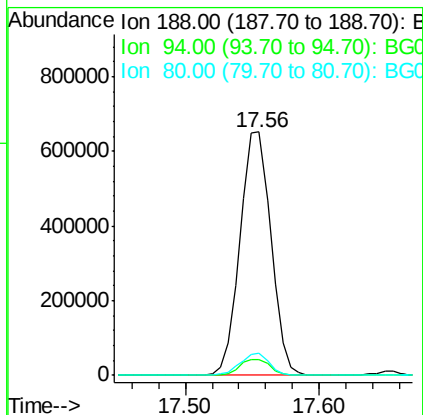
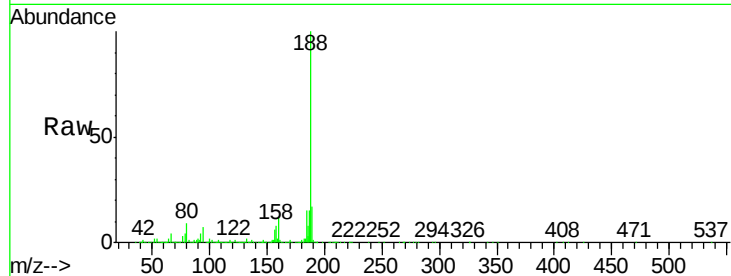




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022564.D
Acq: 25 Jun 2016 8:07

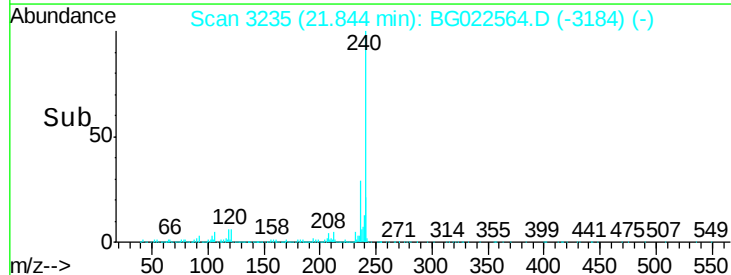
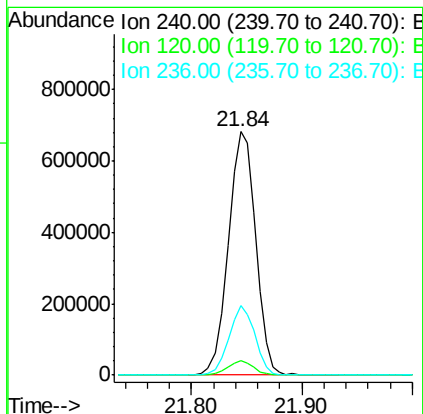
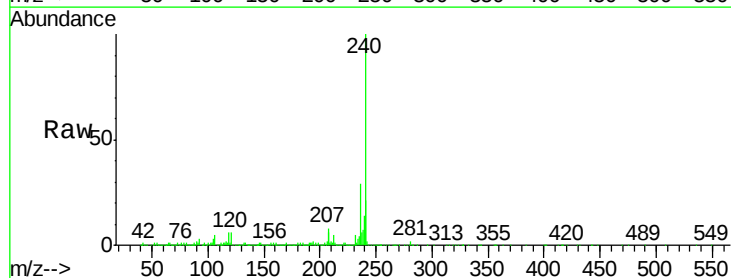
Instrument :
BNA_G
ClientSampleId :
TEPMW2-26

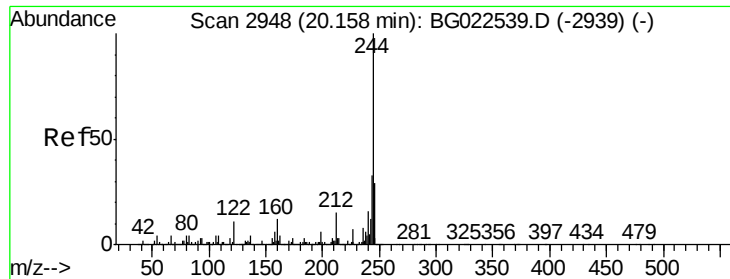
Tgt Ion:188 Resp: 1043796
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 9.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022564.D
Acq: 25 Jun 2016 8:07

Tgt Ion:240 Resp: 1177107
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1
236 28.6 21.1 31.7





#78

Terphenyl-d14

Concen: 68.77 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

Instrument :

BNA_G

ClientSampleId :

TEPMW2-26

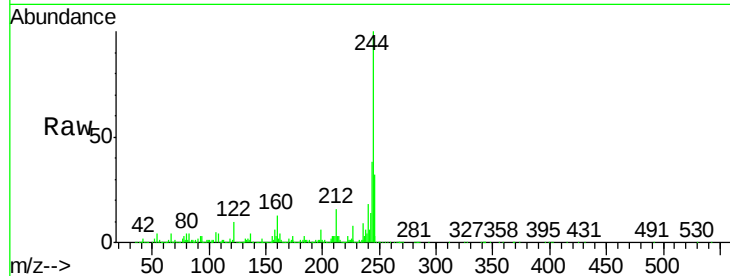
Tgt Ion:244 Resp: 3055562

Ion Ratio Lower Upper

244 100

212 15.7 10.8 16.2

122 10.2 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

2500000

2000000

1500000

1000000

500000

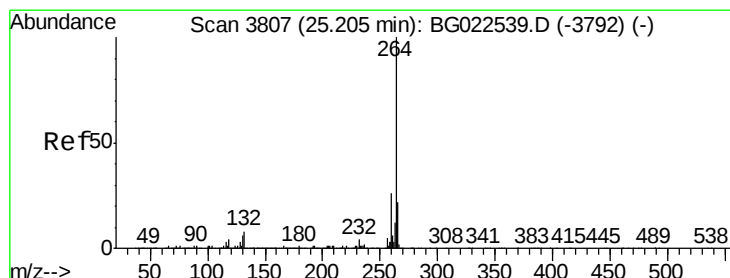
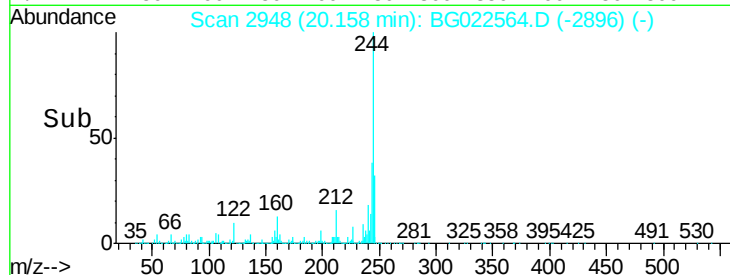
0

20.16

20.10

20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022564.D

Acq: 25 Jun 2016 8:07

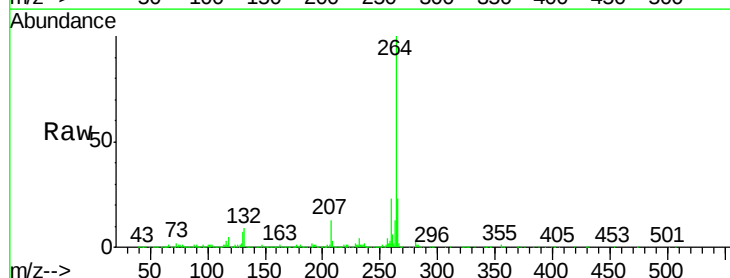
Tgt Ion:264 Resp: 1194841

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 23.4 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

500000

400000

300000

200000

100000

0

25.21

25.10

25.30

Time-->

