

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022570.D
 Acq On : 25 Jun 2016 12:07
 Operator : UM/SJ
 Sample : H3633-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW11S

Quant Time: Jun 27 01:06:03 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

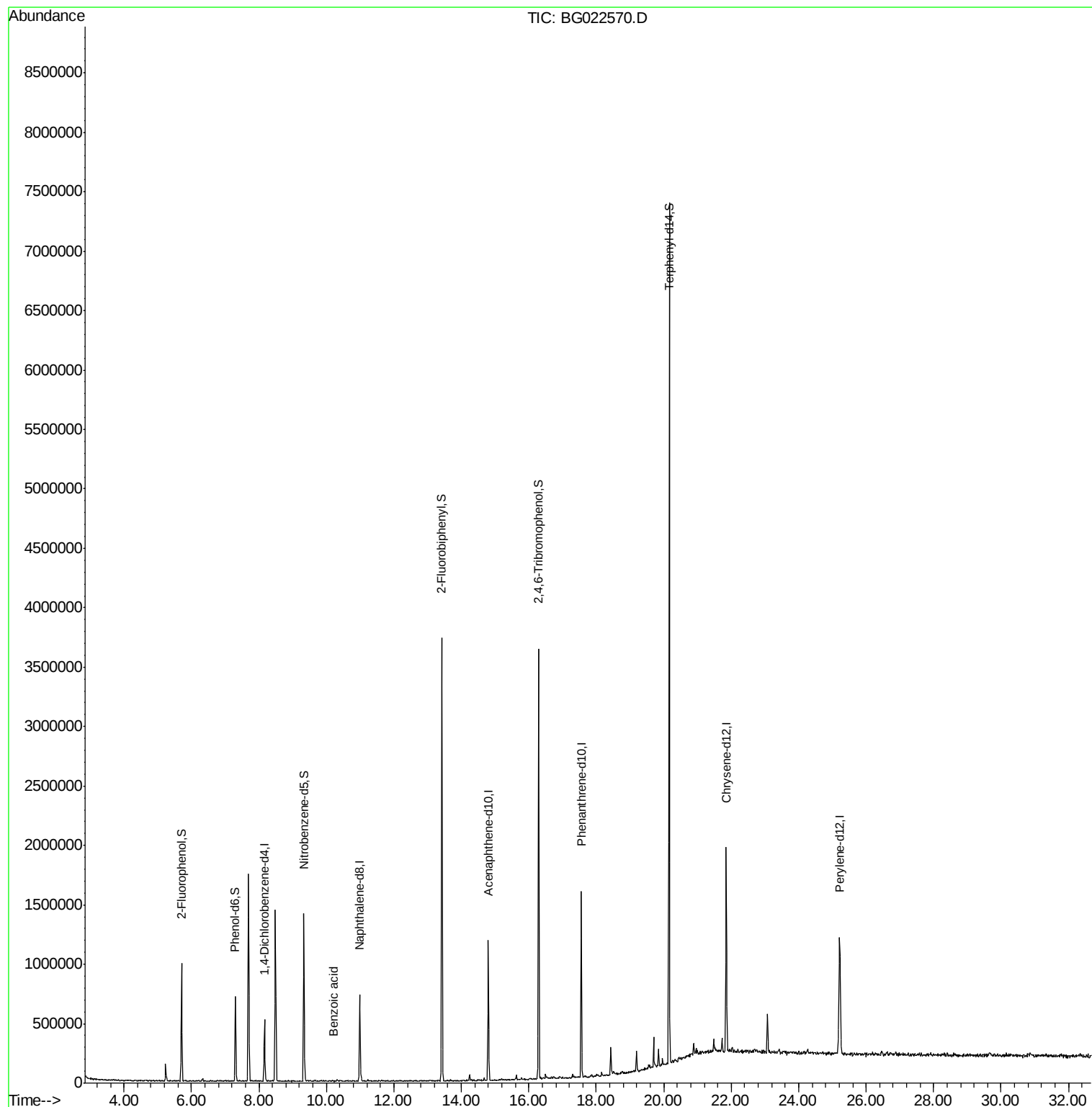
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	134149	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	552930	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	398636	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	984424	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1091459	20.00	ng	0.00
86) Perylene-d12	25.21	264	1149887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	405038	48.43	ng	0.00
7) Phenol-d6	7.31	99	394048	33.43	ng	0.00
23) Nitrobenzene-d5	9.33	82	898211	68.75	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	671089	107.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1781648	70.88	ng	0.00
78) Terphenyl-d14	20.16	244	2684476	65.16	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	80	5.12	ng	Qvalue # 23

(#) = 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: BG022570.D

Acq: 25 Jun 2016 12:07

Instrument :

BNA_G

ClientSampleId :

TEPMW11S

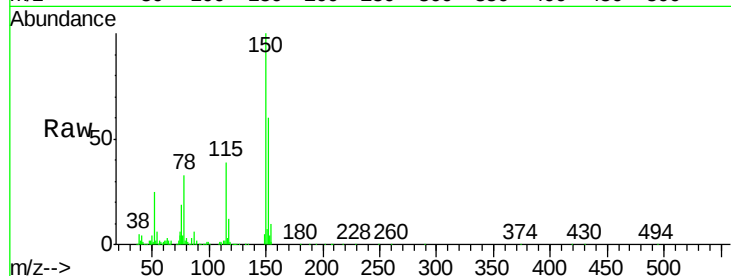
Tgt Ion:152 Resp: 134149

Ion Ratio Lower Upper

152 100

150 167.8 144.7 217.1

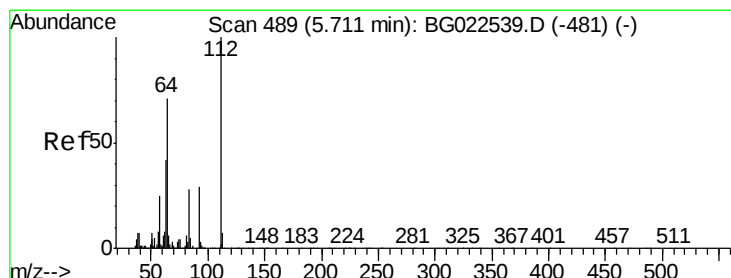
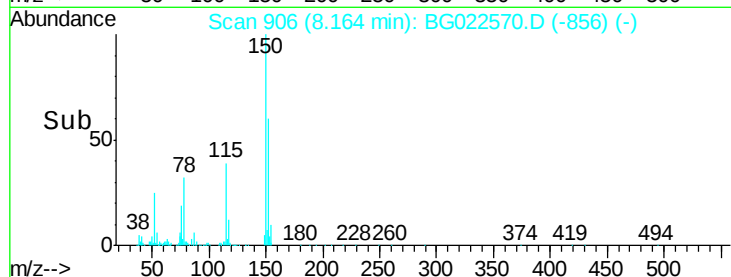
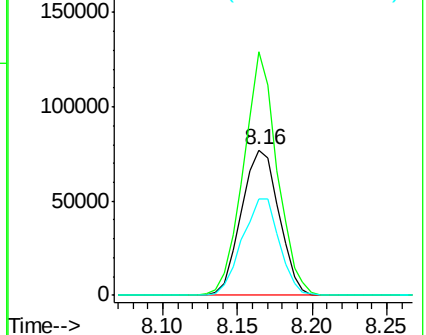
115 66.1 64.0 96.0



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: 48.43 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022570.D

Acq: 25 Jun 2016 12:07

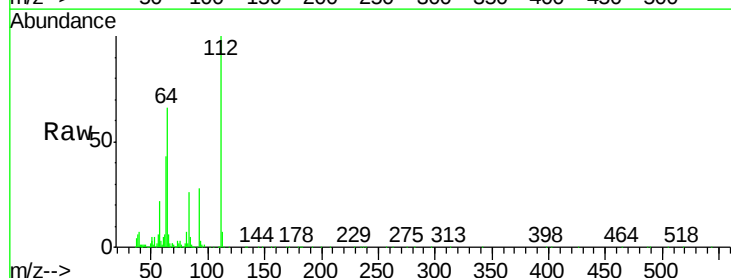
Tgt Ion:112 Resp: 405038

Ion Ratio Lower Upper

112 100

64 66.4 59.0 88.4

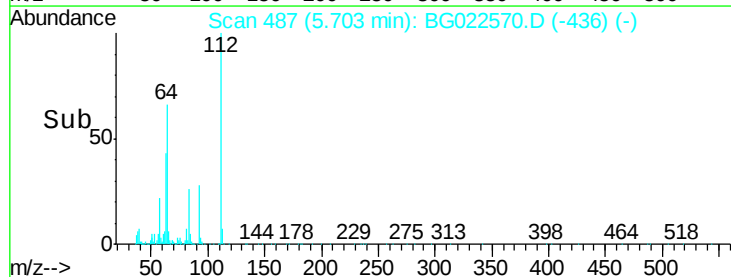
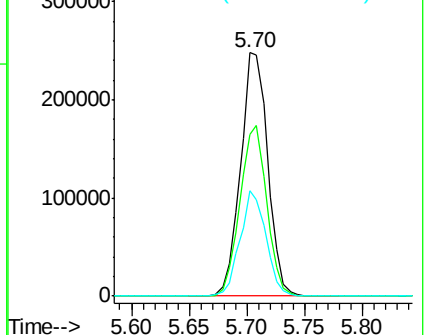
63 43.5 37.8 56.8

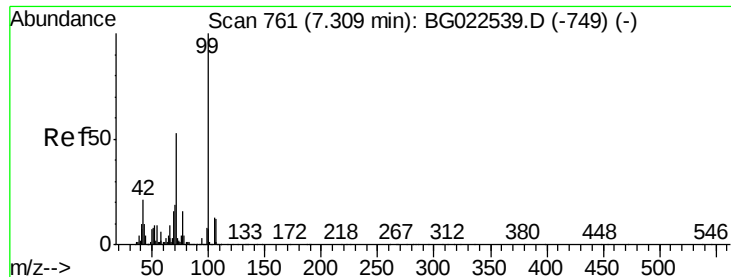


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.43 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022570.D

Acq: 25 Jun 2016 12:07

Instrument :

BNA_G

ClientSampleId :

TEPMW11S

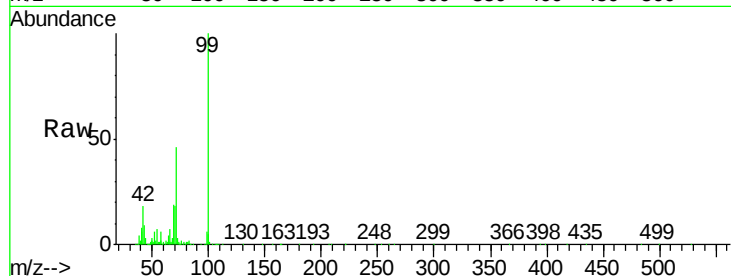
Tgt Ion: 99 Resp: 394048

Ion Ratio Lower Upper

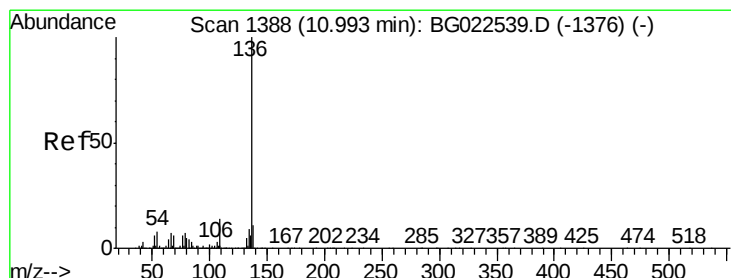
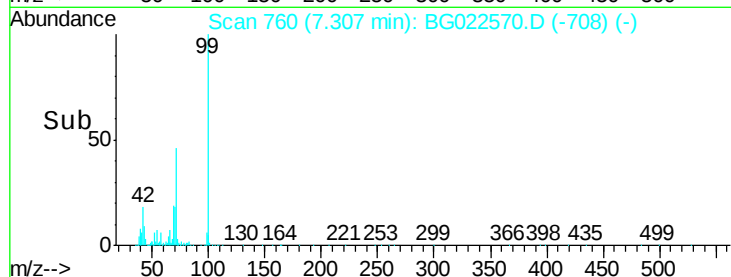
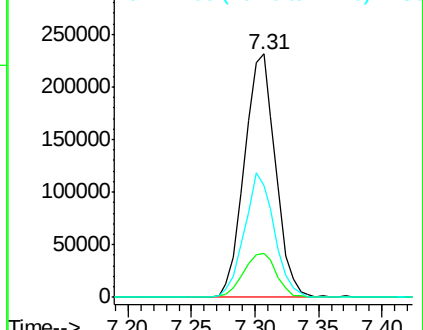
99 100

42 18.0 17.8 26.6

71 46.2 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: BG022570.D

Acq: 25 Jun 2016 12:07

Tgt Ion: 136 Resp: 552930

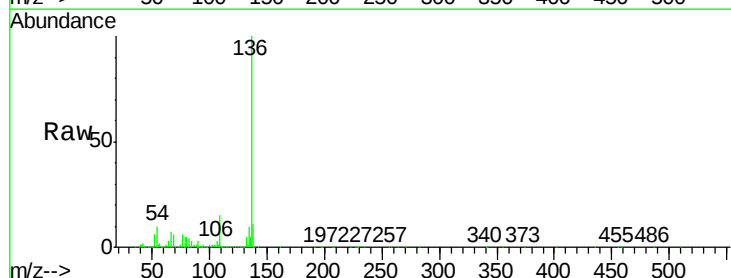
Ion Ratio Lower Upper

136 100

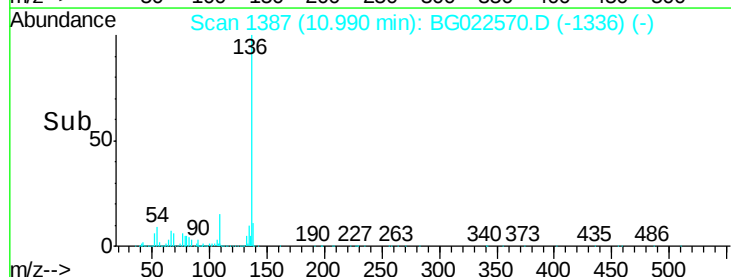
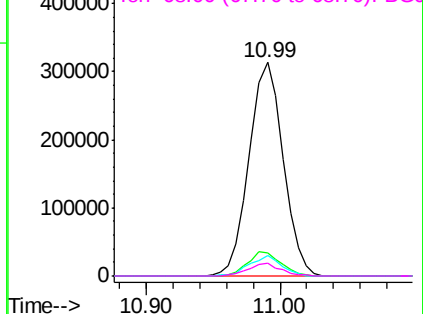
137 10.6 9.6 14.4

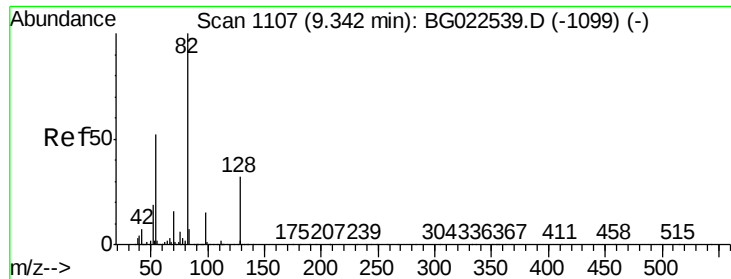
54 9.5 7.3 10.9

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

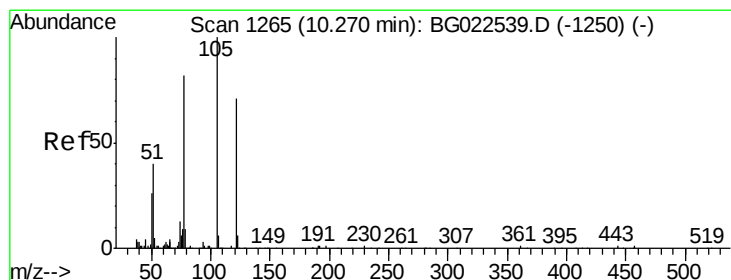
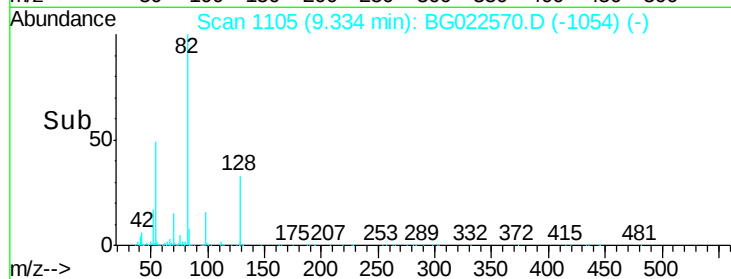
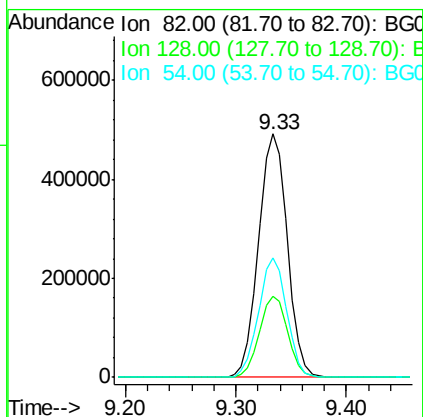
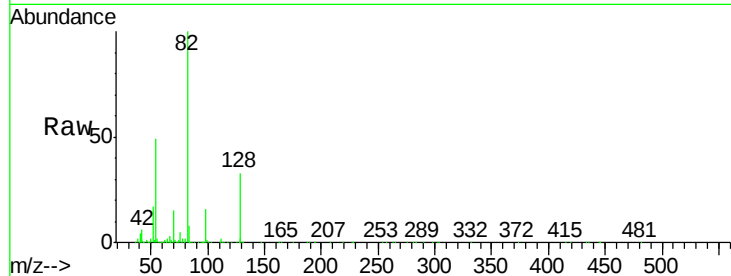




#23
Nitrobenzene-d5
Concen: 68.75 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

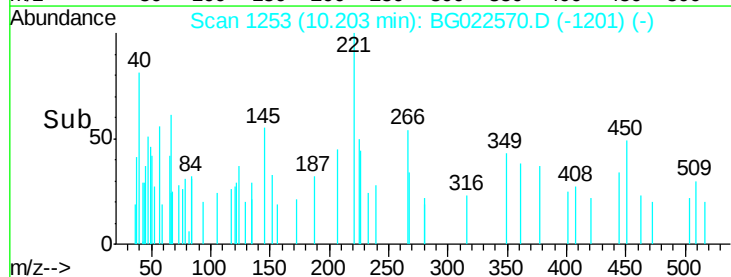
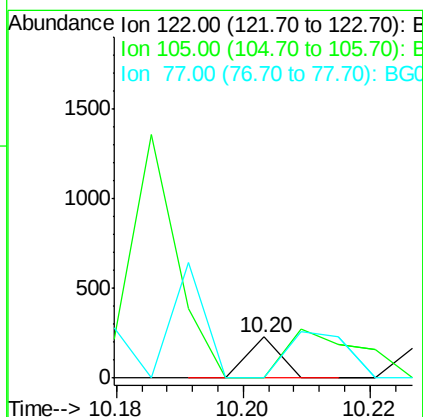
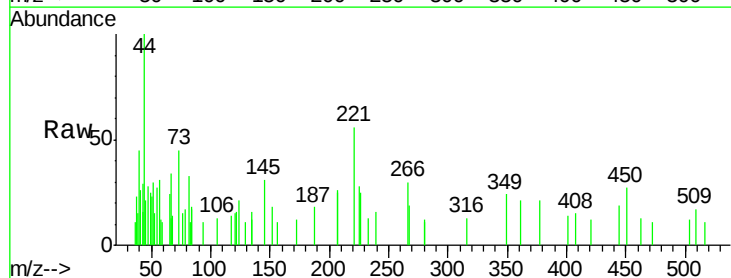
Instrument :
BNA_G
ClientSampleId :
TEPMW11S

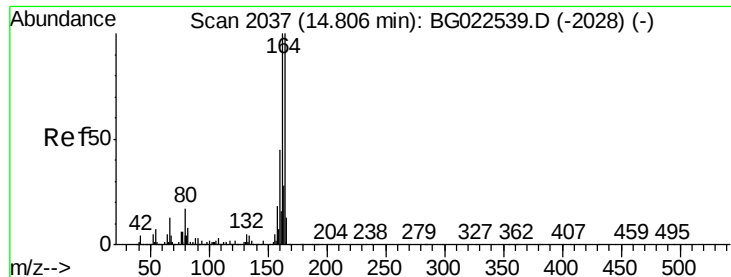
Tgt Ion: 82 Resp: 898211
Ion Ratio Lower Upper
82 100
128 33.2 24.4 36.6
54 49.0 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 83.8 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022570.D

Acq: 25 Jun 2016 12:07

Instrument :

BNA_G

ClientSampleId :

TEPMW11S

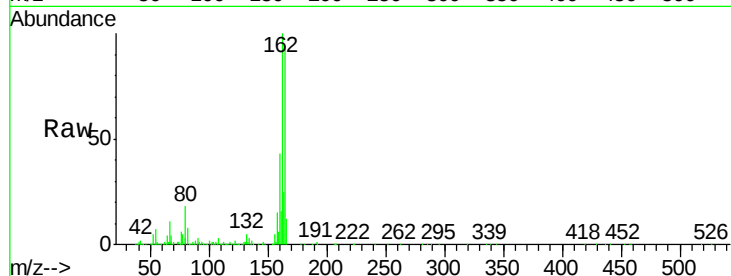
Tgt Ion:164 Resp: 398636

Ion Ratio Lower Upper

164 100

162 106.3 87.7 131.5

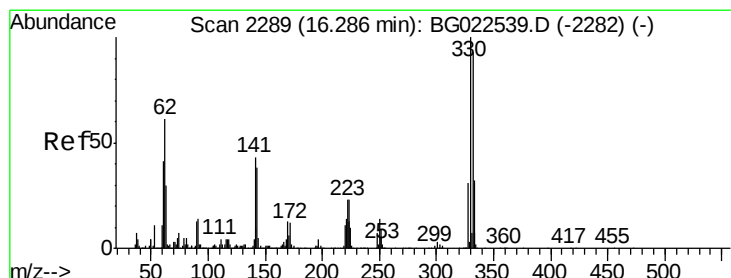
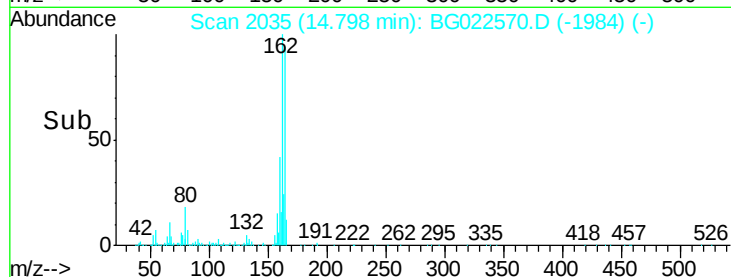
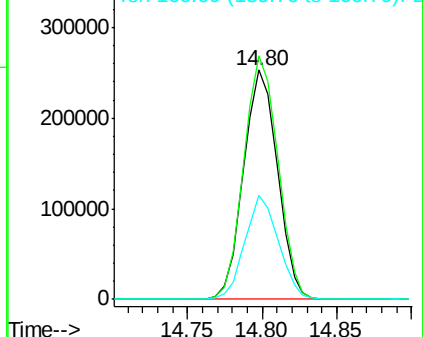
160 45.2 37.2 55.8



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: 107.03 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022570.D

Acq: 25 Jun 2016 12:07

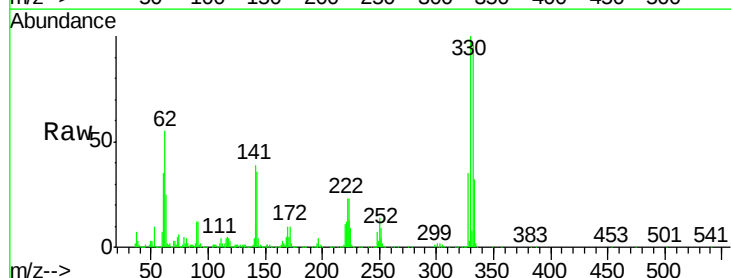
Tgt Ion:330 Resp: 671089

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

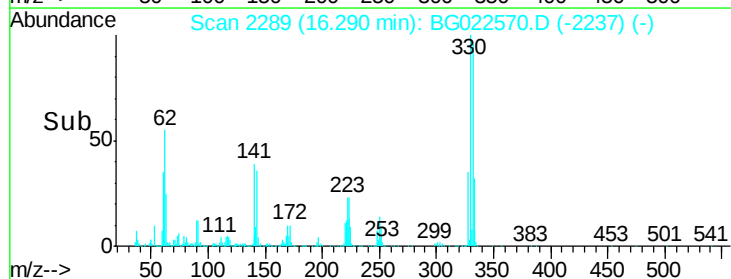
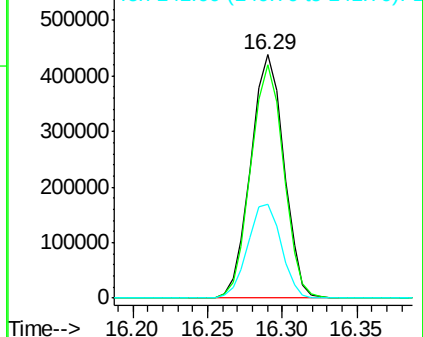
141 39.2 31.7 47.5

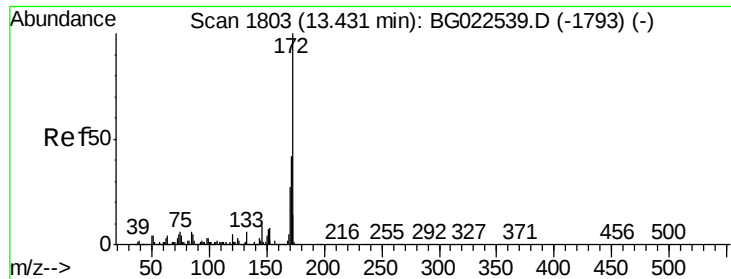


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

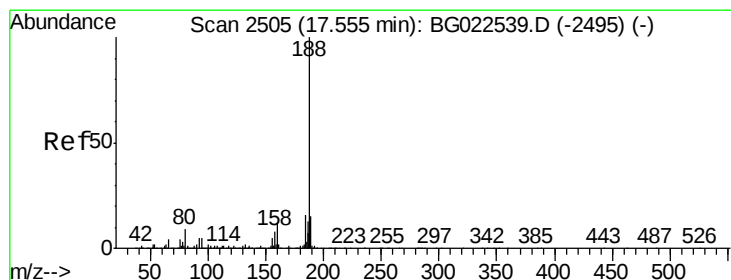
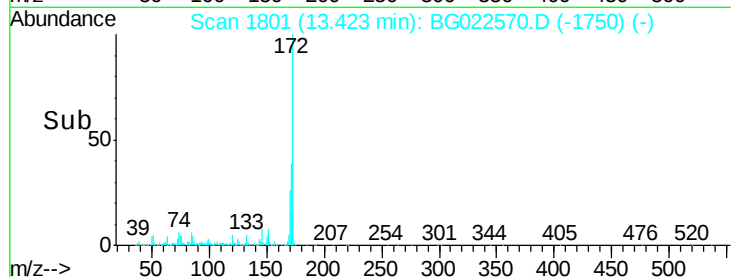
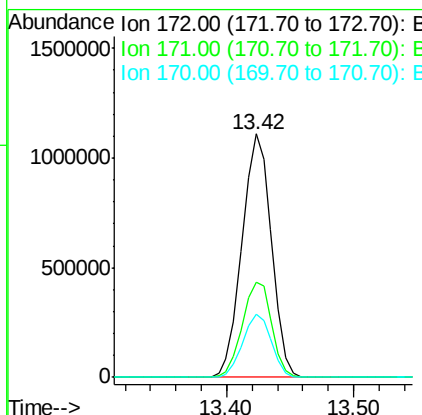
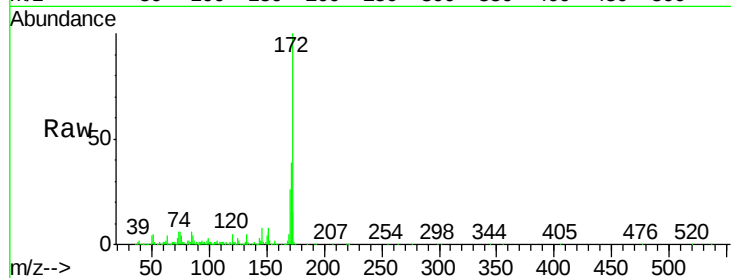




#44
2-Fluorobiphenyl
Concen: 70.88 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

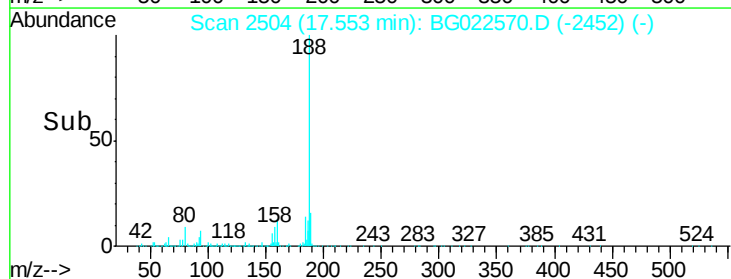
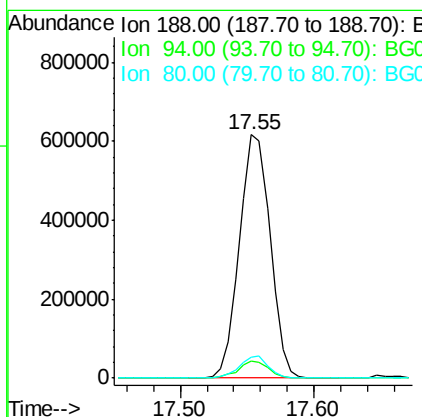
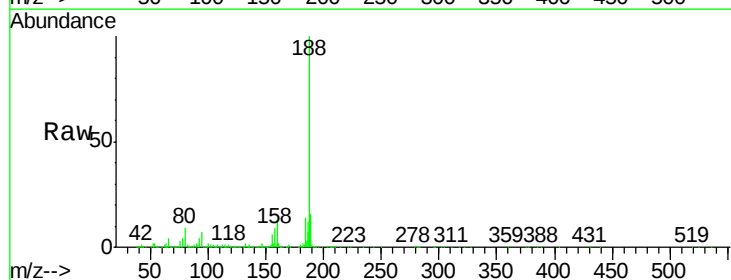
Instrument :
BNA_G
ClientSampled :
TEPMW11S

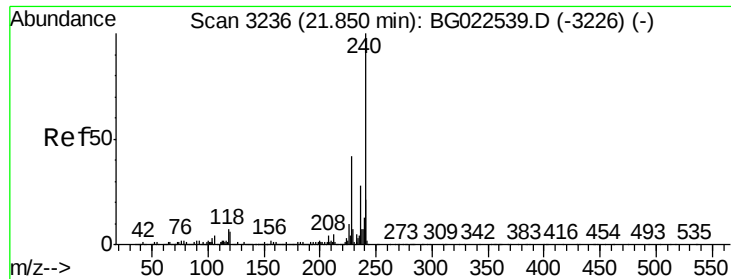
Tgt Ion:172 Resp: 1781648
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 26.0 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

Tgt Ion:188 Resp: 984424
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.8 7.2 10.8

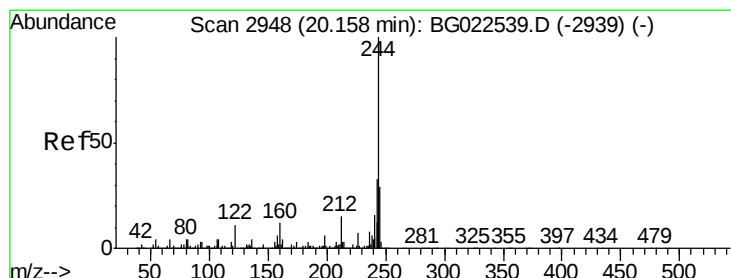
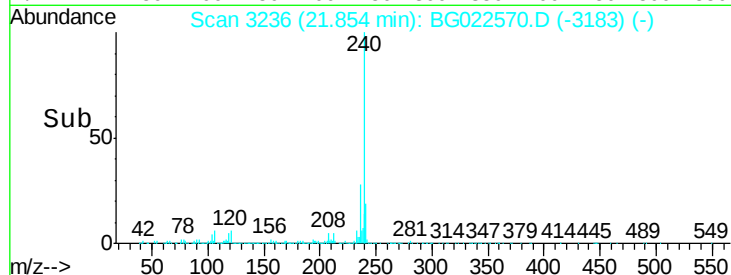
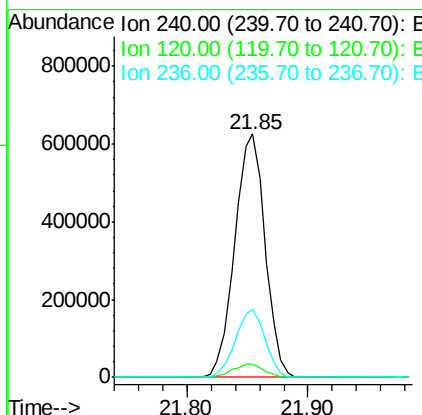
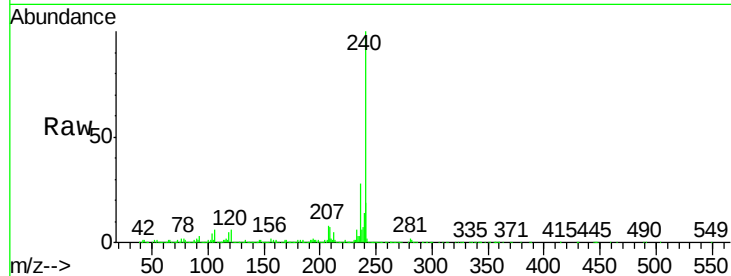




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

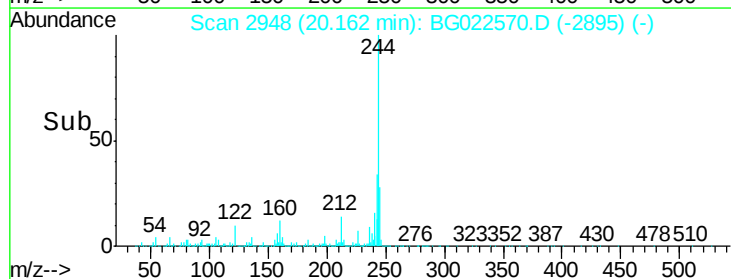
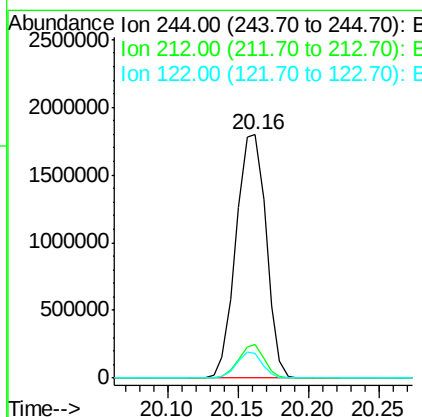
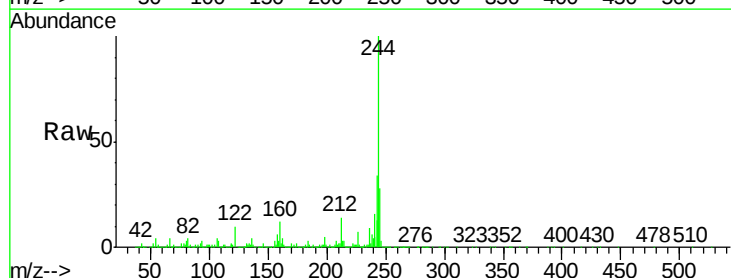
Instrument :
BNA_G
ClientSampleId :
TEPMW11S

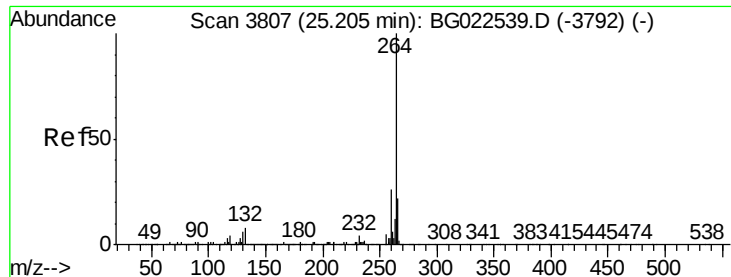
Tgt Ion:240 Resp: 1091459
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 28.0 21.1 31.7



#78
Terphenyl-d14
Concen: 65.16 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022570.D
Acq: 25 Jun 2016 12:07

Tgt Ion:244 Resp: 2684476
Ion Ratio Lower Upper
244 100
212 13.6 10.8 16.2
122 9.9 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: BG022570.D
Acq: 25 Jun 2016 12:07

Instrument :
BNA_G
ClientSampleId :
TEPMW11S

Tgt Ion: 264 Resp: 1149887

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	21.8	18.9	28.3

