

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022556.D
 Acq On : 25 Jun 2016 2:47
 Operator : UM/SJ
 Sample : H3633-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEPMW11M

Quant Time: Jun 25 03:23:17 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

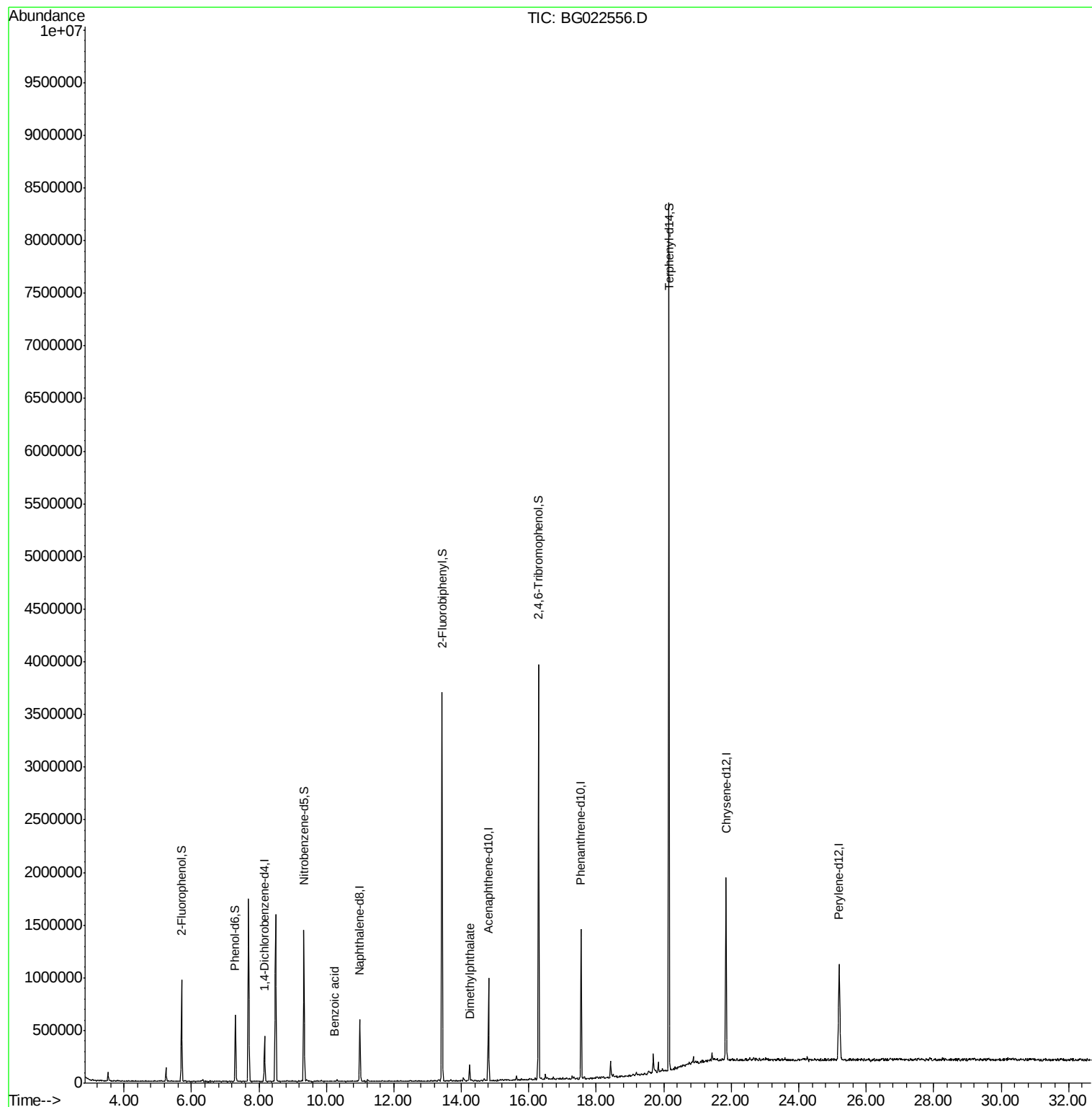
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	109593	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	445072	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	329300	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	881800	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1024308	20.00	ng	0.00
86) Perylene-d12	25.20	264	1063412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	378193	55.35	ng	0.00
7) Phenol-d6	7.30	99	337921	35.09	ng	0.00
23) Nitrobenzene-d5	9.33	82	899081	85.50	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	698359	134.83	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1820389	87.67	ng	0.00
78) Terphenyl-d14	20.16	244	2943749	76.14	ng	0.00
Target Compounds						
32) Benzoic acid	10.23	122	65	5.12	ng	# 46
49) Dimethylphthalate	14.25	163	93347	3.42	ng	# 96

(#) = 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: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

TEPMW11M

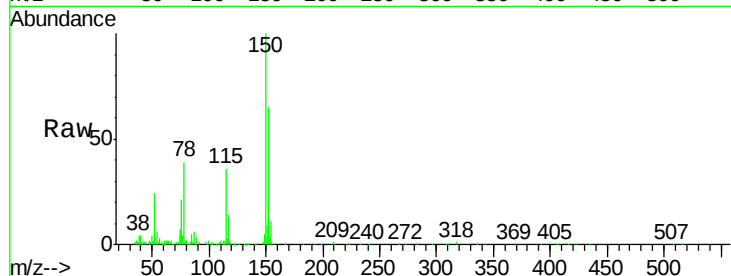
Tgt Ion:152 Resp: 109593

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

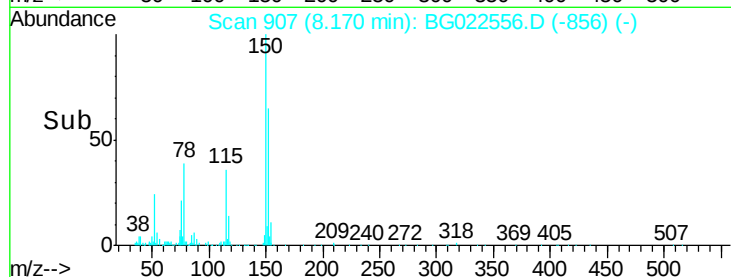
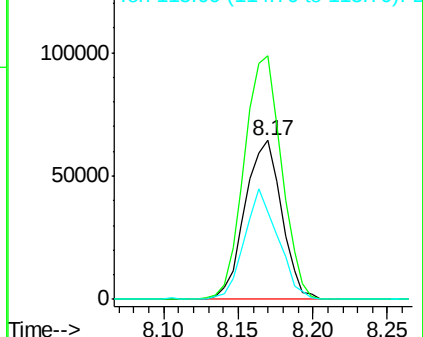
115 55.0 64.0 96.0#



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: 55.35 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

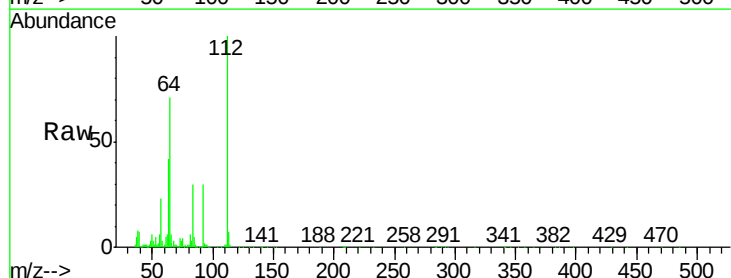
Tgt Ion:112 Resp: 378193

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

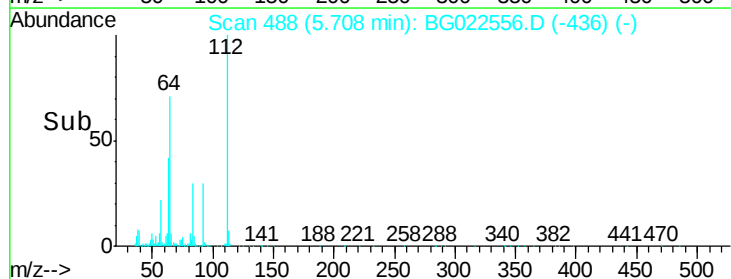
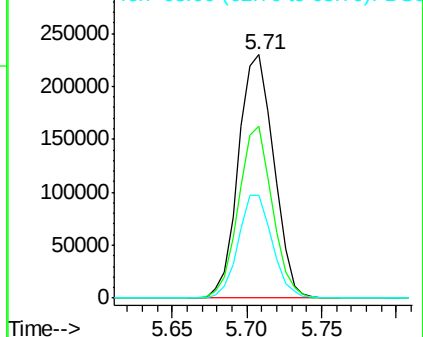
63 42.4 37.8 56.8



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: 35.09 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

TEPMW11M

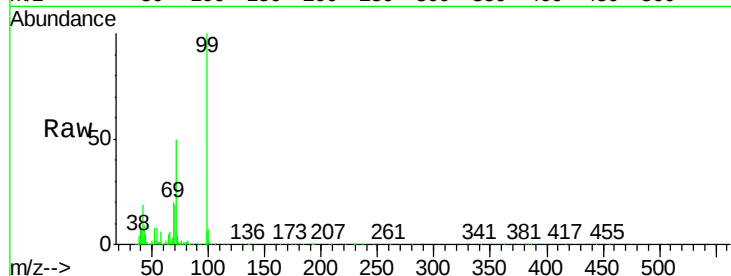
Tgt Ion: 99 Resp: 337921

Ion Ratio Lower Upper

99 100

42 19.2 17.8 26.6

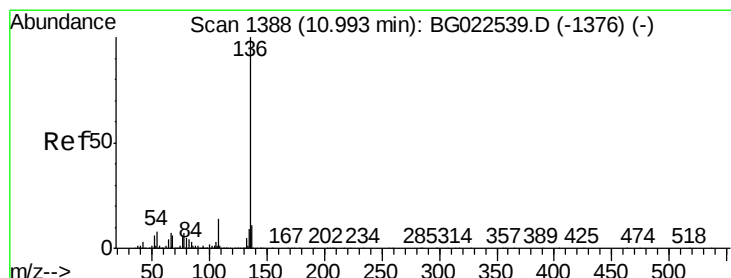
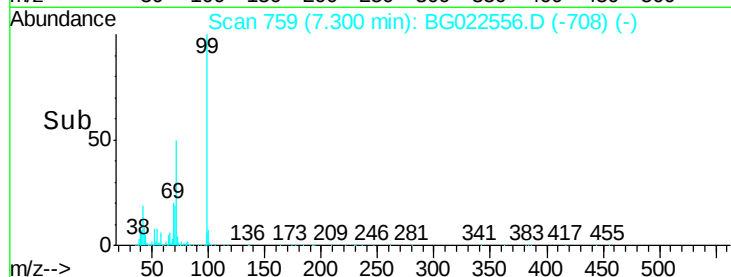
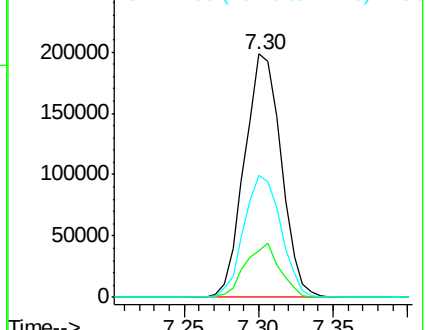
71 49.9 41.5 62.3



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: BG022556.D

Acq: 25 Jun 2016 2:47

Tgt Ion: 136 Resp: 445072

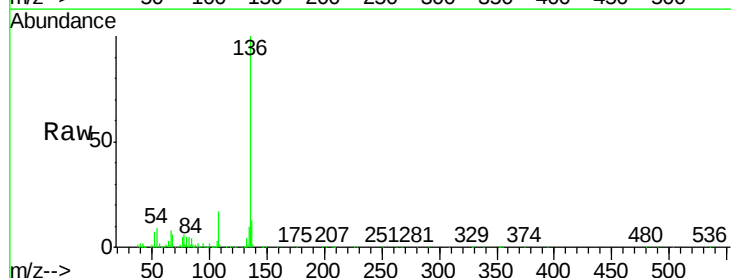
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 8.6 7.3 10.9

68 5.5 5.3 7.9

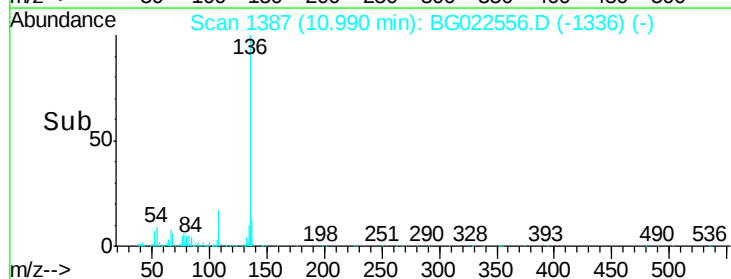
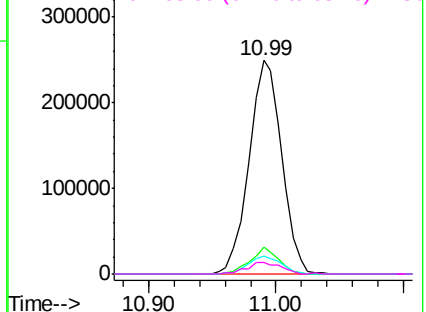


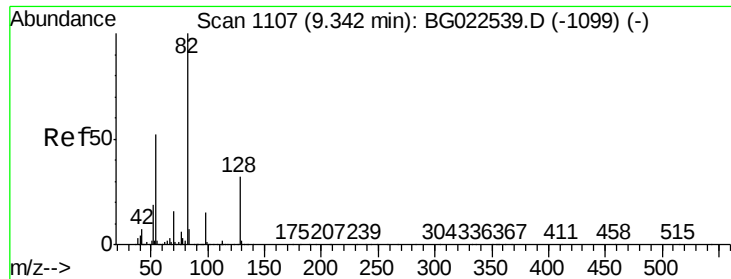
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

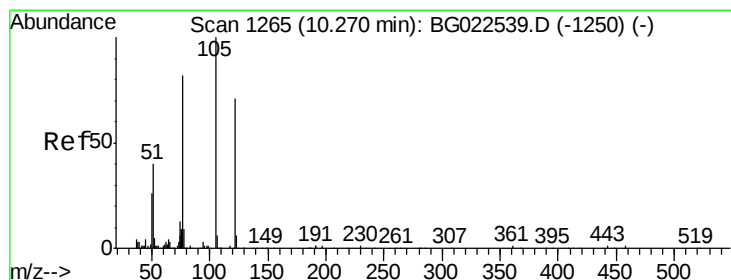
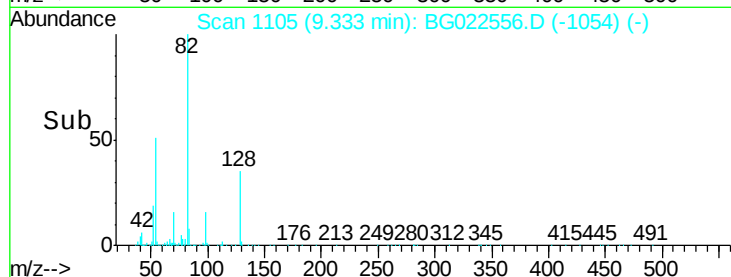
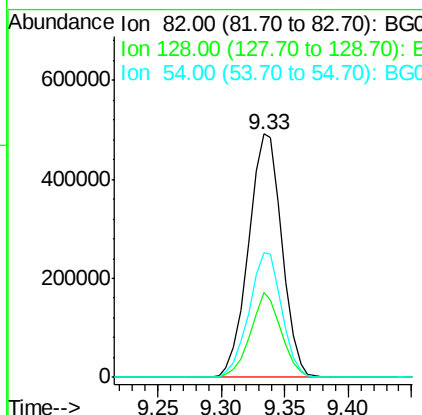
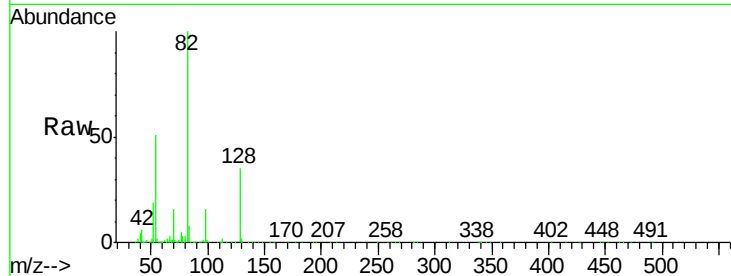




#23
Nitrobenzene-d5
Concen: 85.50 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022556.D
Acq: 25 Jun 2016 2:47

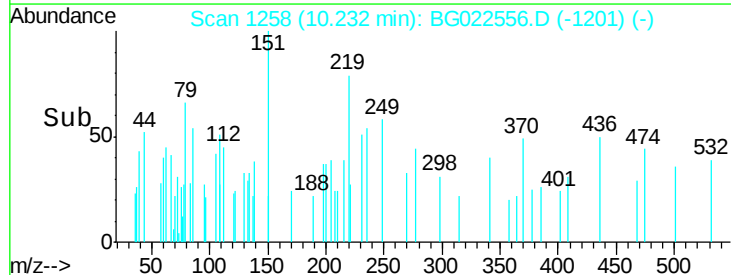
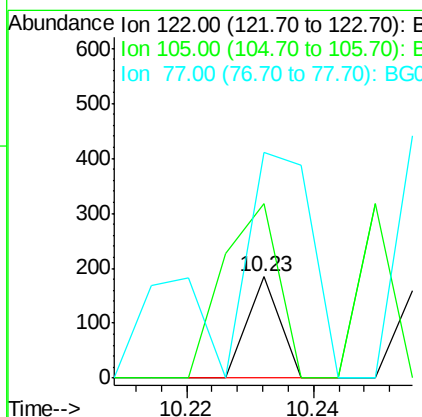
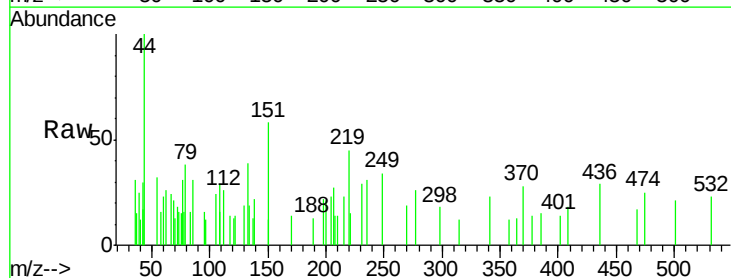
Instrument :
BNA_G
ClientSampleId :
TEPMW11M

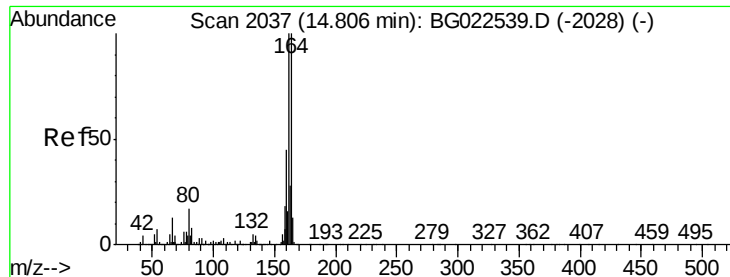
Tgt Ion: 82 Resp: 899081
Ion Ratio Lower Upper
82 100
128 34.6 24.4 36.6
54 51.3 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.23 min Scan# 1258
Delta R.T. 0.03 min
Lab File: BG022556.D
Acq: 25 Jun 2016 2:47

Tgt Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
105 172.3 117.2 157.2#
77 223.4 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

TEPMW11M

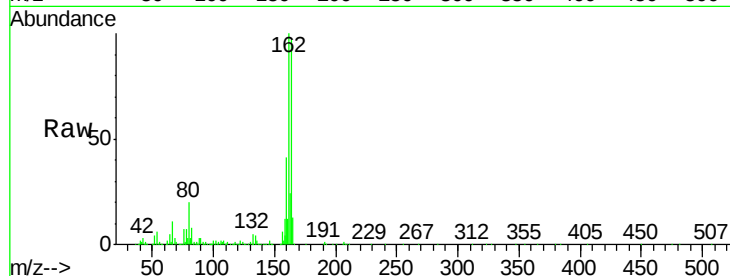
Tgt Ion:164 Resp: 329300

Ion Ratio Lower Upper

164 100

162 103.5 87.7 131.5

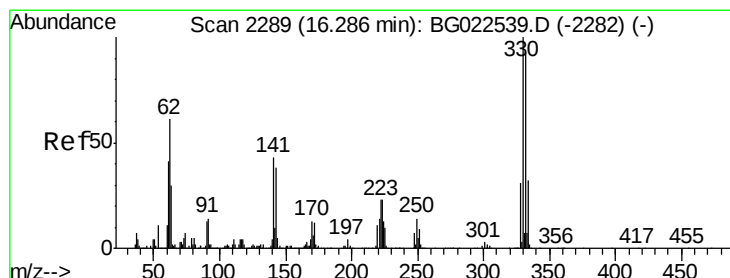
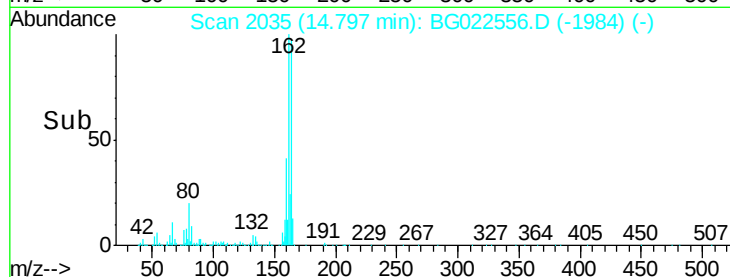
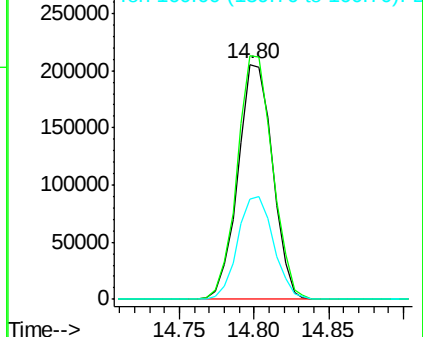
160 42.8 37.2 55.8



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: 134.83 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

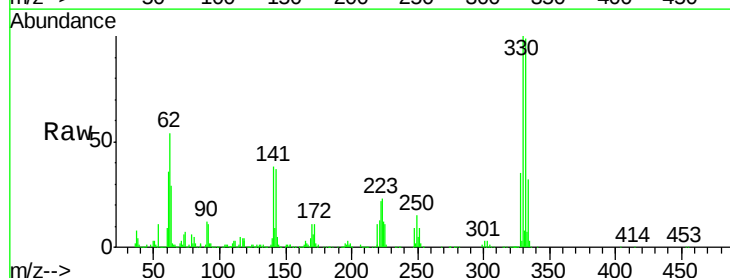
Tgt Ion:330 Resp: 698359

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

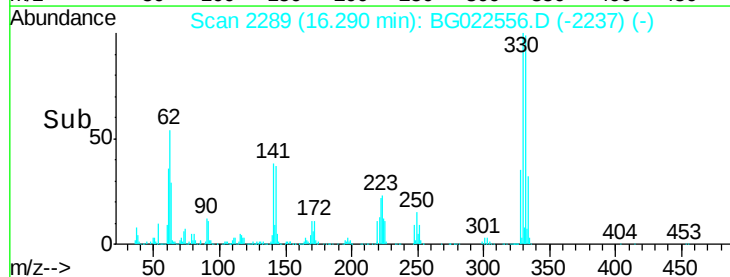
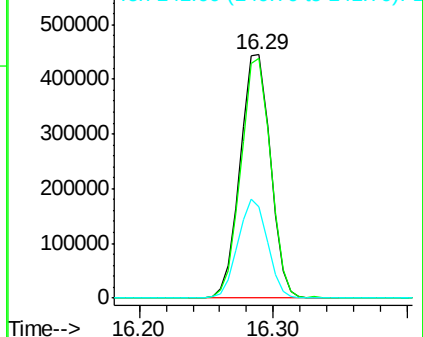
141 39.7 31.7 47.5

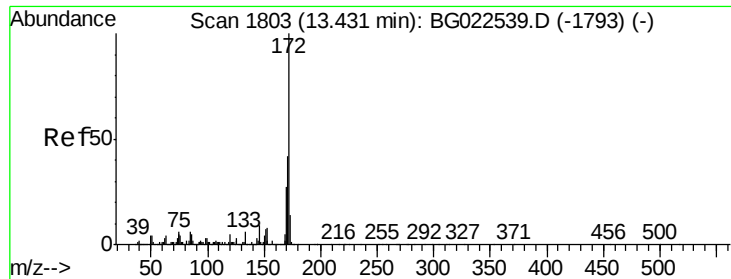


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.67 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

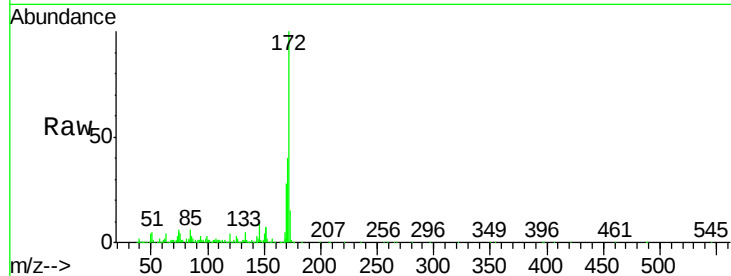
BNA_G

ClientSampleId :

TEPMW11M

Tgt Ion:172 Resp: 1820389

Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.6	47.4
170	27.5	21.3	31.9

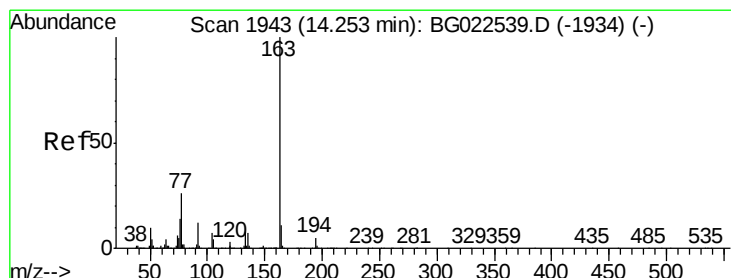
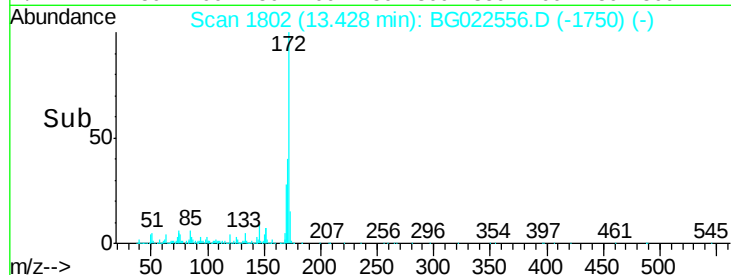
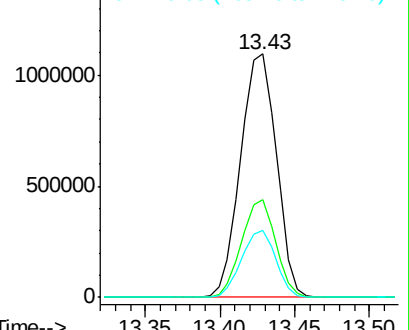


Abundance

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



#49

Dimethylphthalate

Concen: 3.42 ng

RT: 14.25 min Scan# 1941

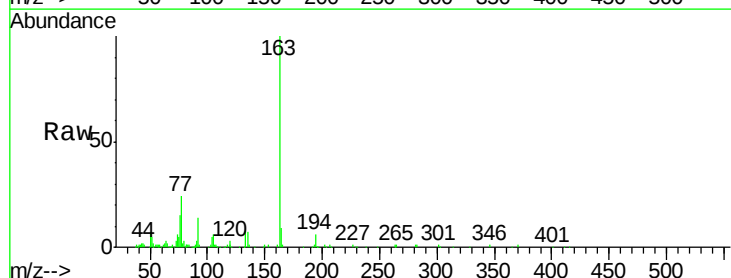
Delta R.T. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Tgt Ion:163 Resp: 93347

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.6	5.4#
164	8.6	8.1	12.1

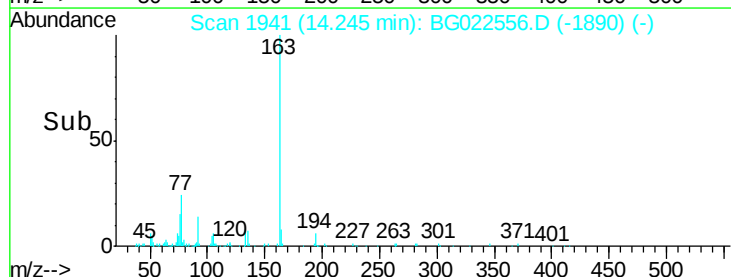
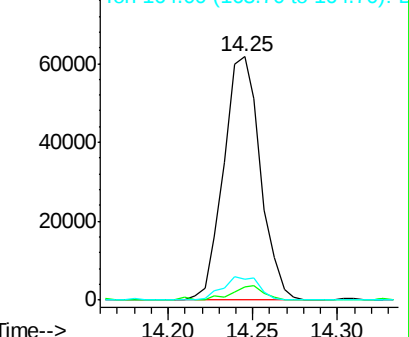


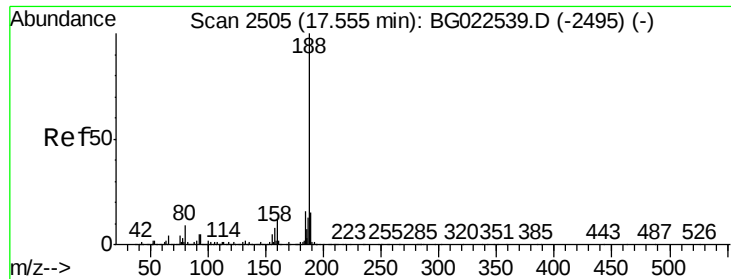
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

TEPMW11M

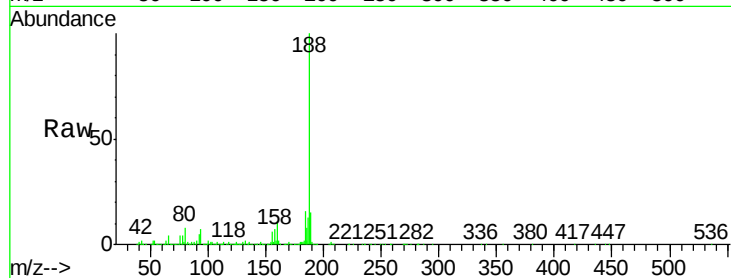
Tgt Ion:188 Resp: 881800

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

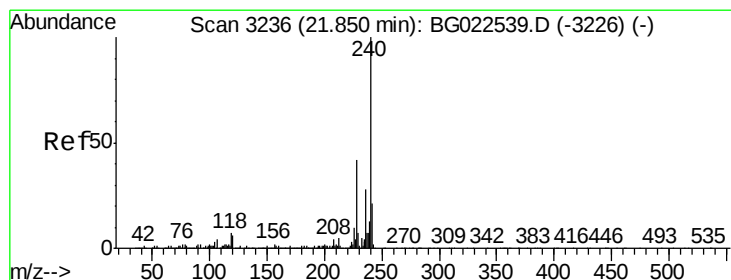
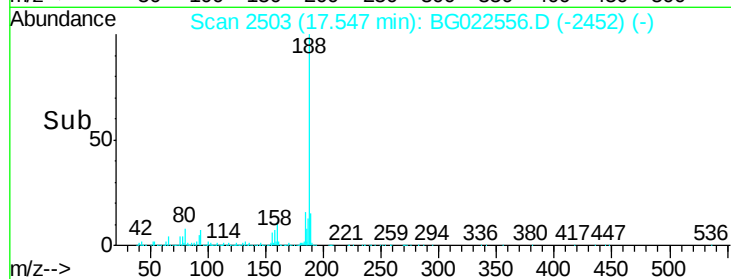
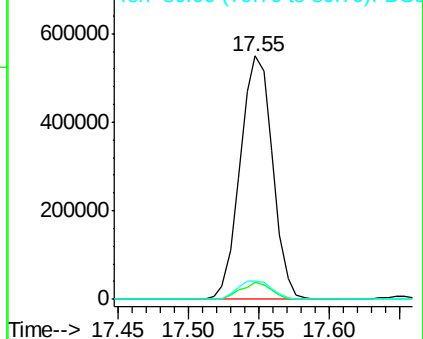
80 7.6 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

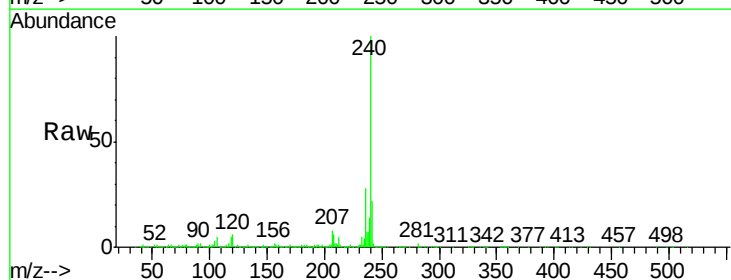
Tgt Ion:240 Resp: 1024308

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

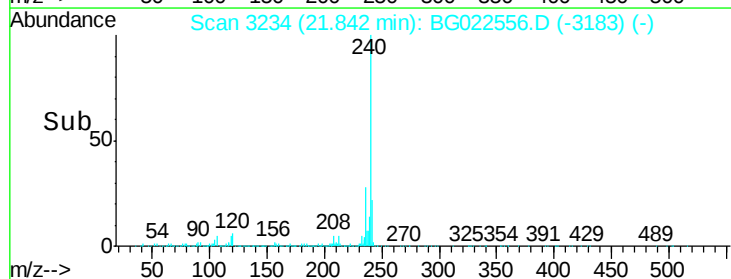
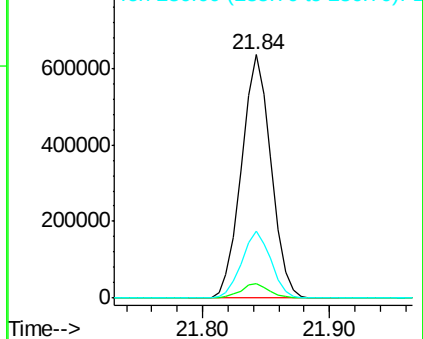
236 27.6 21.1 31.7

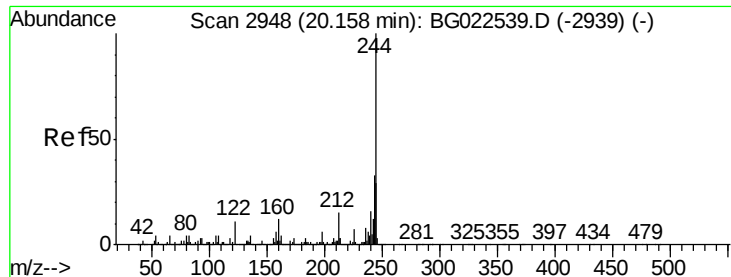


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.14 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

TEPMW11M

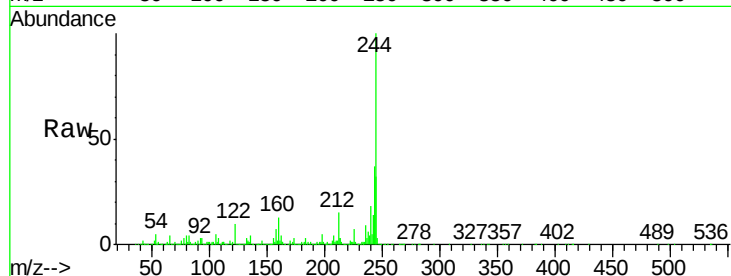
Tgt Ion:244 Resp: 2943749

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

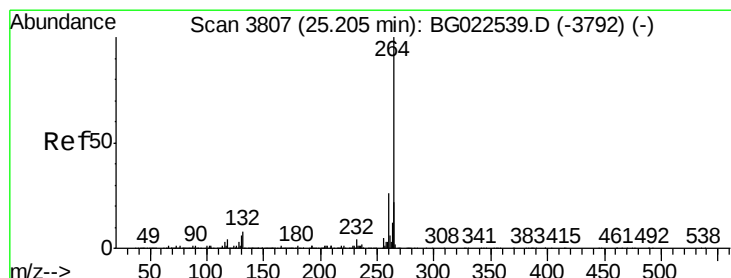
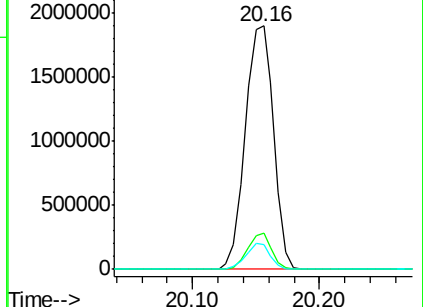
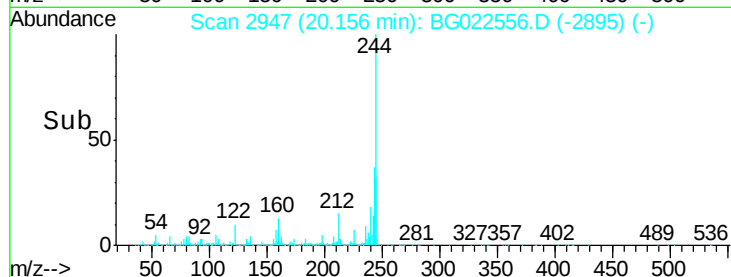
122 10.3 8.0 12.0



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. -0.00 min

Lab File: BG022556.D

Acq: 25 Jun 2016 2:47

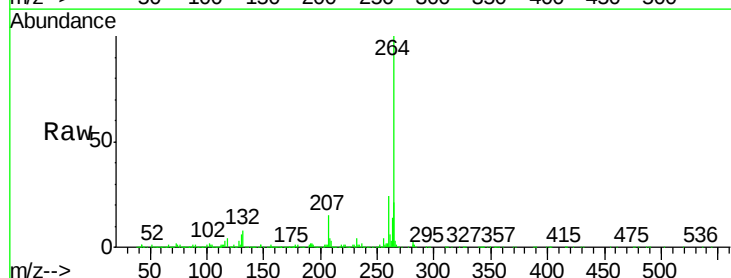
Tgt Ion:264 Resp: 1063412

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.3 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

