

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022630.D
 Acq On : 27 Jun 2016 4:44
 Operator : UM/SJ
 Sample : H3733-04
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:12:53 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

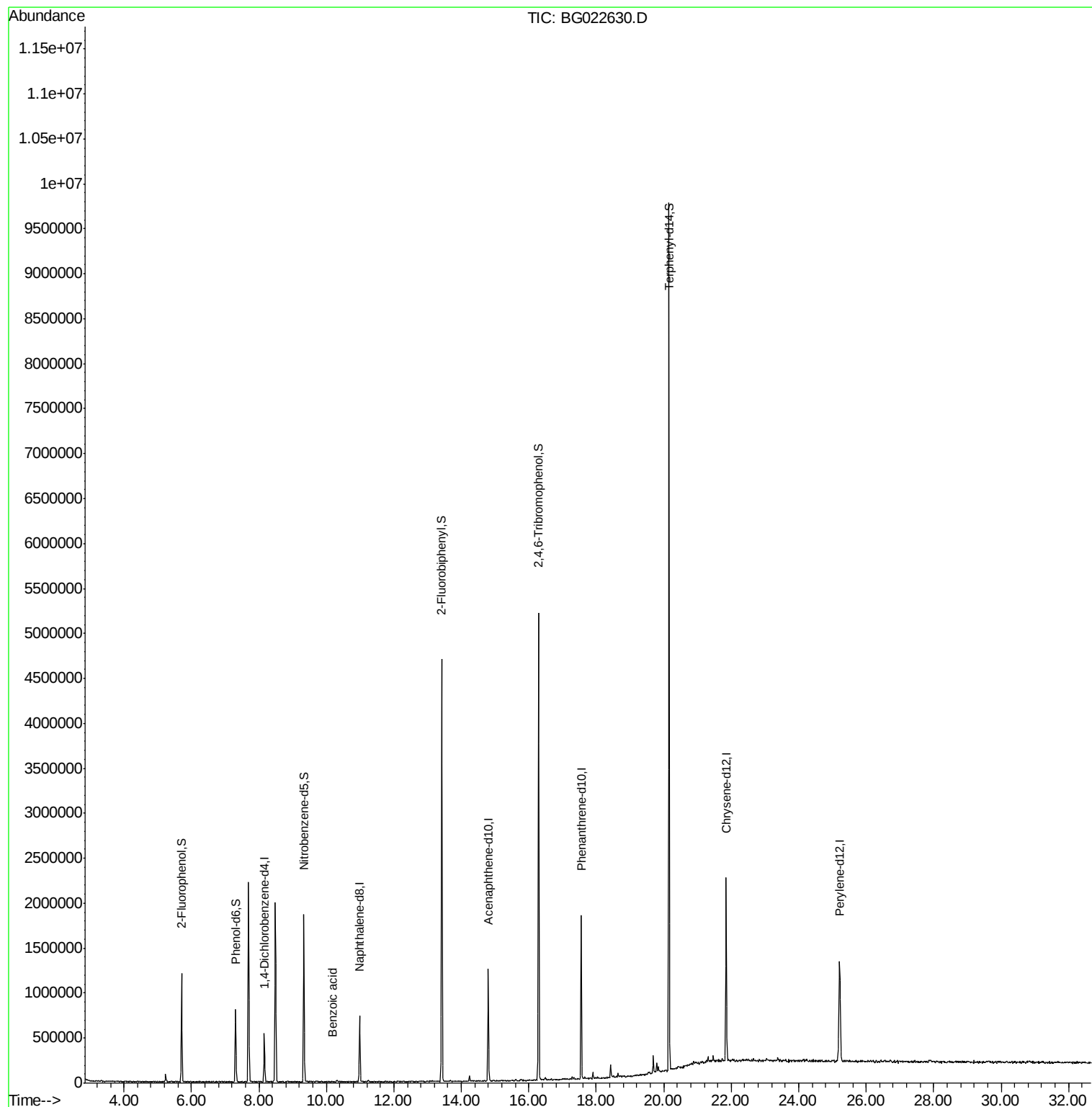
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139246	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	600027	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	426926	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1124509	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1254692	20.00	ng	0.00
86) Perylene-d12	25.21	264	1287045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	482113	55.53	ng	0.00
7) Phenol-d6	7.31	99	454142	37.11	ng	0.00
23) Nitrobenzene-d5	9.33	82	1175849	82.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	981667	146.19	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2286327	84.93	ng	0.00
78) Terphenyl-d14	20.16	244	3328464	70.28	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	240	5.14	ng	Qvalue # 36

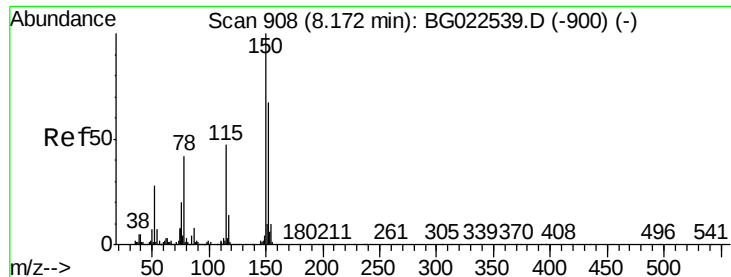
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

Instrument :

BNA_G

ClientSampleId :

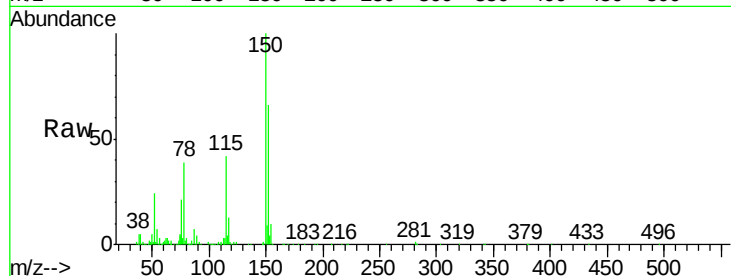
Tot Ion:152 Resp: 139246

Ion Ratio Lower Upper

152 100

150 150.7 144.7 217.1

115 63.8 64.0 96.0#

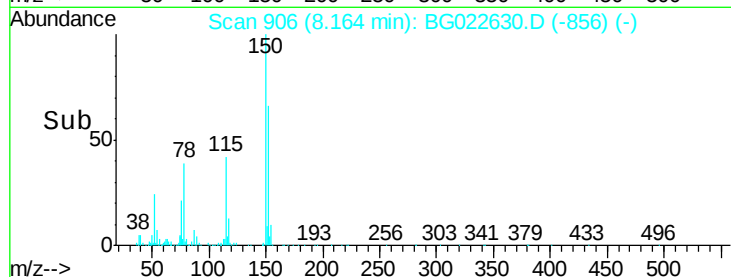


Abundance Ion 152.00 (151.70 to 152.70): E

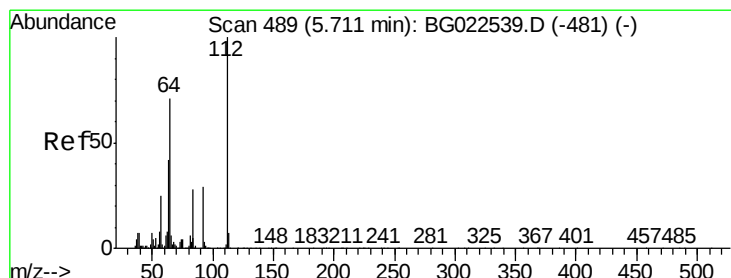
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.16



Time-->



#5

2-Fluorophenol

Concen: 55.53 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

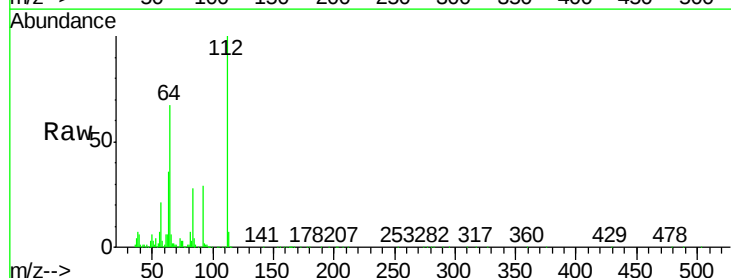
Tgt Ion:112 Resp: 482113

Ion Ratio Lower Upper

112 100

64 66.8 59.0 88.4

63 36.1 37.8 56.8#

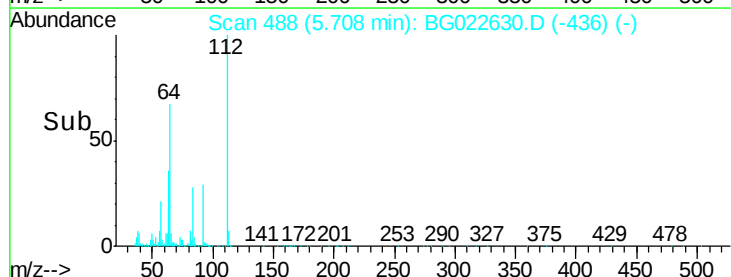


Abundance Ion 112.00 (111.70 to 112.70): E

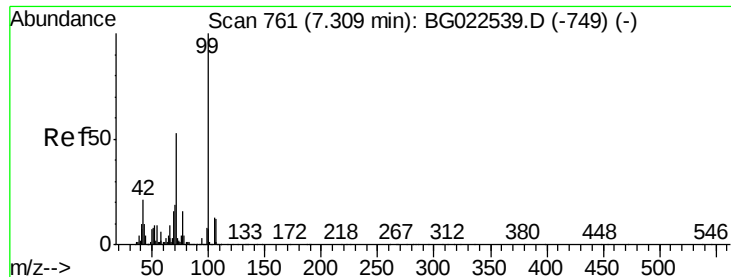
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

5.71



Time-->



#7

Phenol-d6

Concen: 37.11 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

Instrument :

BNA_G

ClientSampleId :

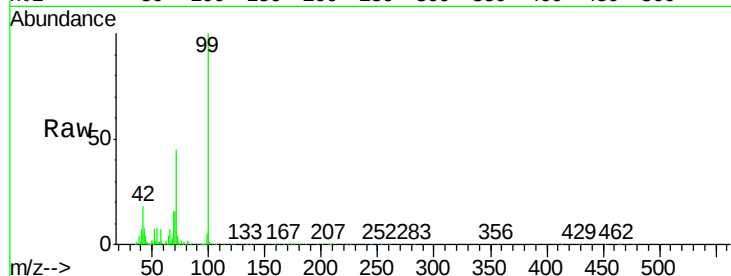
Tot Ion: 99 Resp: 454142

Ion Ratio Lower Upper

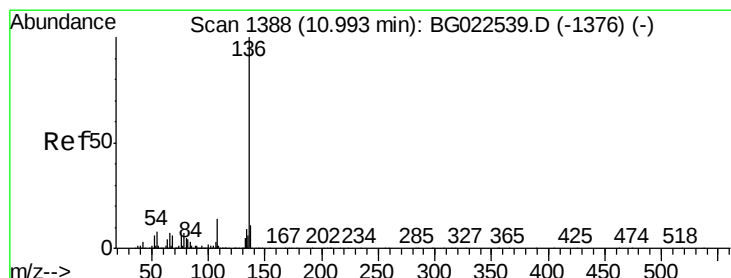
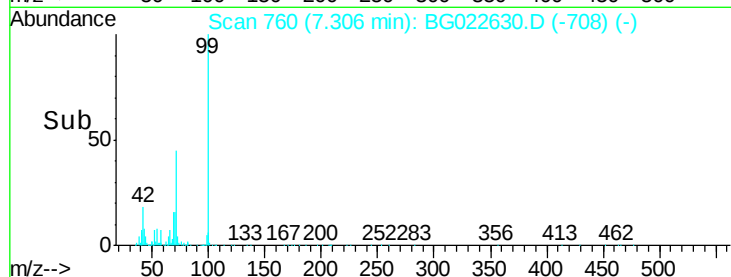
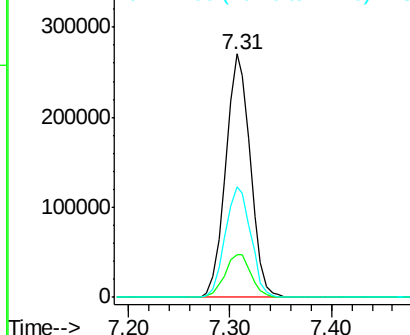
99 100

42 17.7 17.8 26.6#

71 45.3 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

Tgt Ion: 136 Resp: 600027

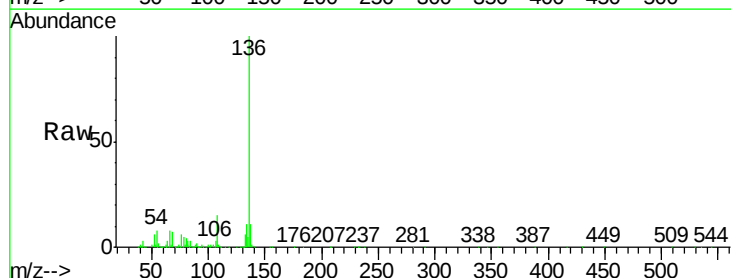
Ion Ratio Lower Upper

136 100

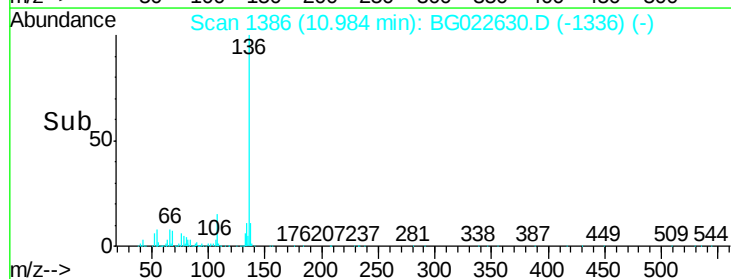
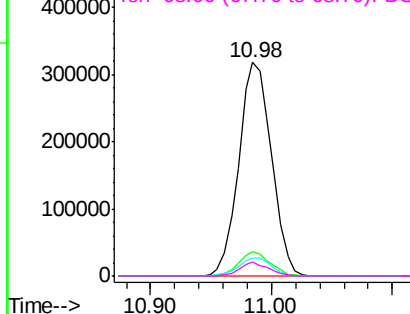
137 11.5 9.6 14.4

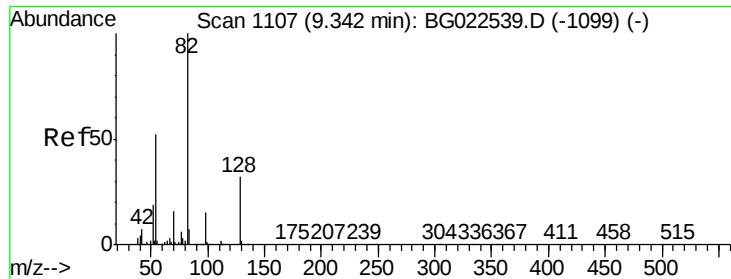
54 8.3 7.3 10.9

68 6.7 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

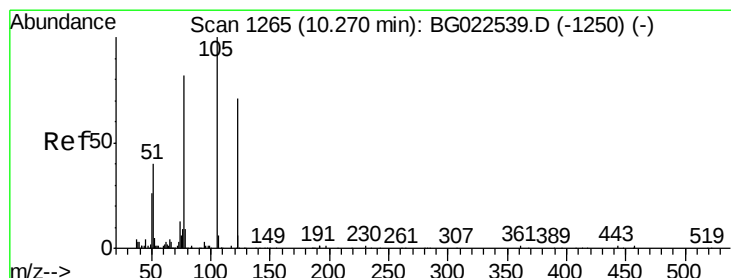
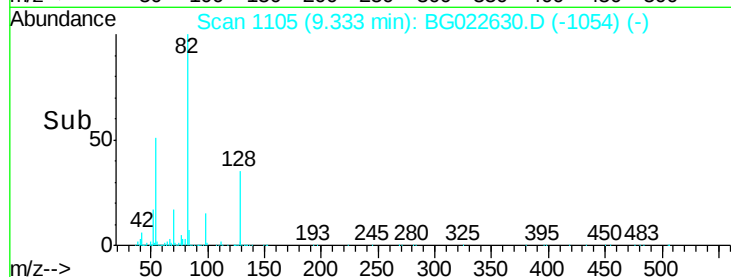
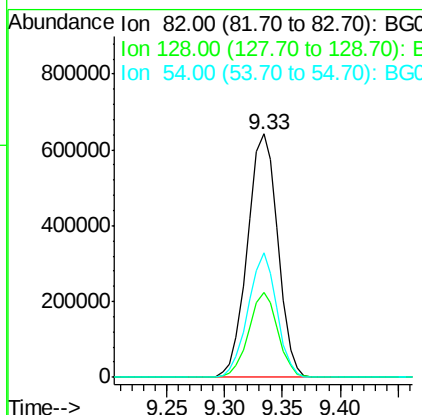
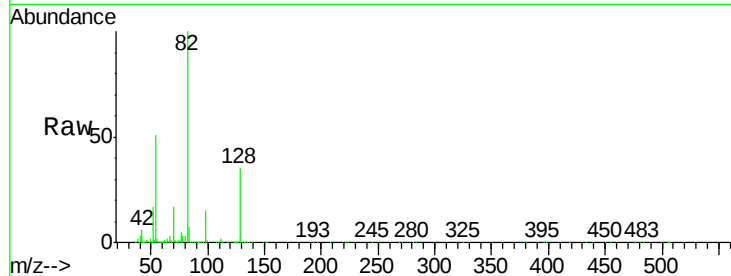




#23
Nitrobenzene-d5
Concen: 82.94 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022630.D
Acq: 27 Jun 2016 4:44

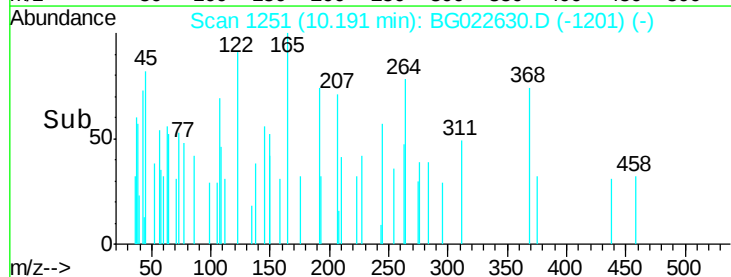
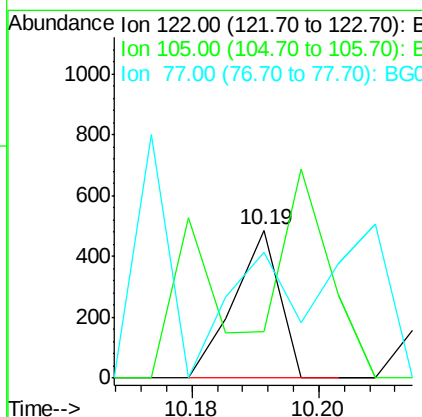
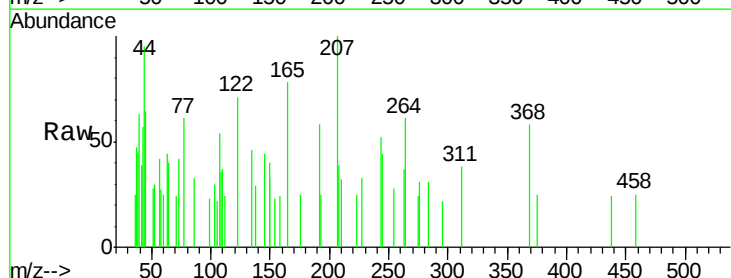
Instrument :
BNA_G
ClientSampleId :

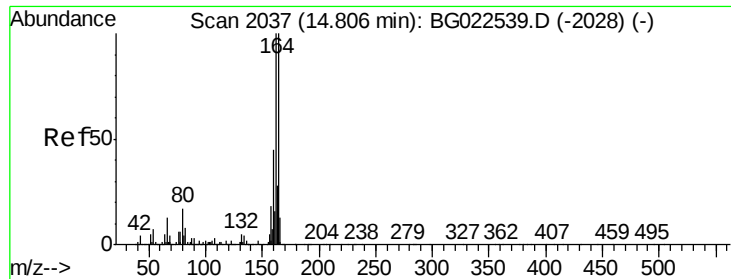
Tot Ion: 82 Resp: 1175849
Ion Ratio Lower Upper
82 100
128 35.1 24.4 36.6
54 51.1 41.4 62.0



#32
Benzoic acid
Concen: 5.14 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG022630.D
Acq: 27 Jun 2016 4:44

Tgt Ion: 122 Resp: 240
Ion Ratio Lower Upper
122 100
105 31.5 117.2 157.2#
77 85.4 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

Instrument :

BNA_G

ClientSampleId :

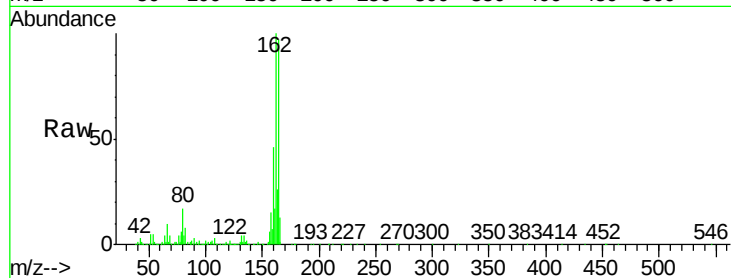
Tot Ion:164 Resp: 426926

Ion Ratio Lower Upper

164 100

162 103.0 87.7 131.5

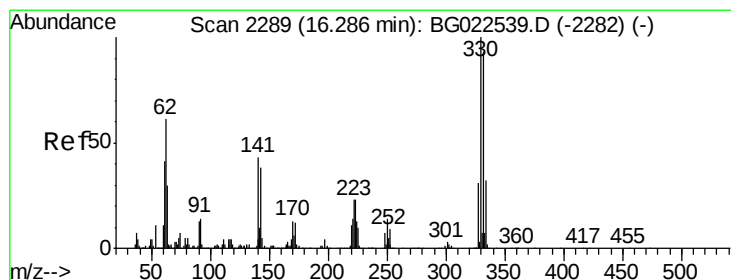
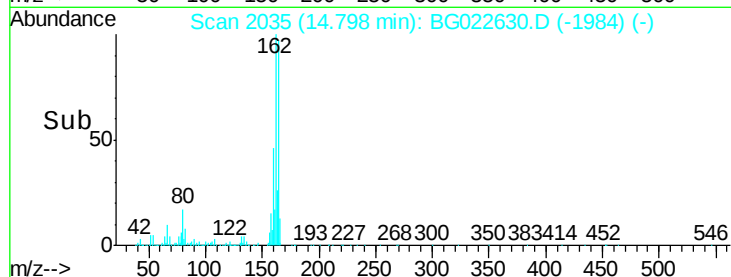
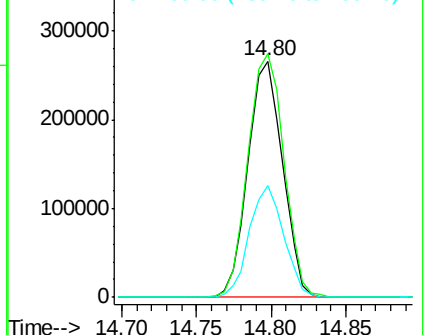
160 47.2 37.2 55.8



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: 146.19 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

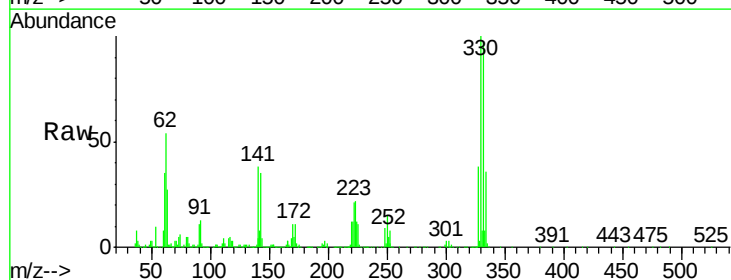
Tgt Ion:330 Resp: 981667

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

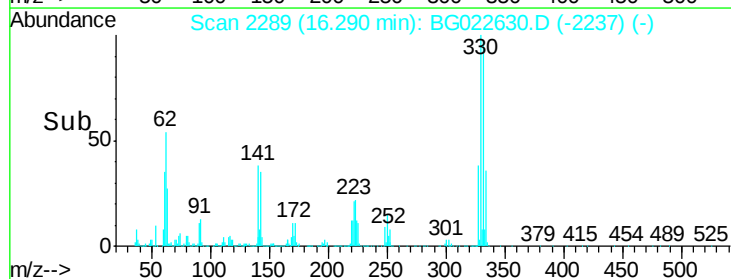
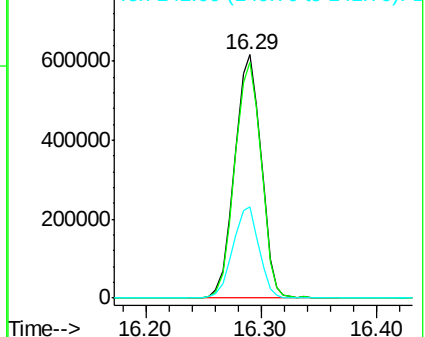
141 37.1 31.7 47.5

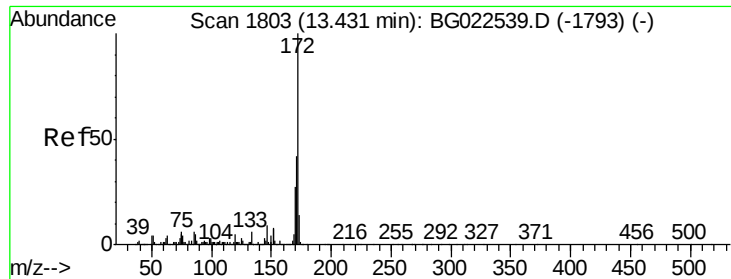


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



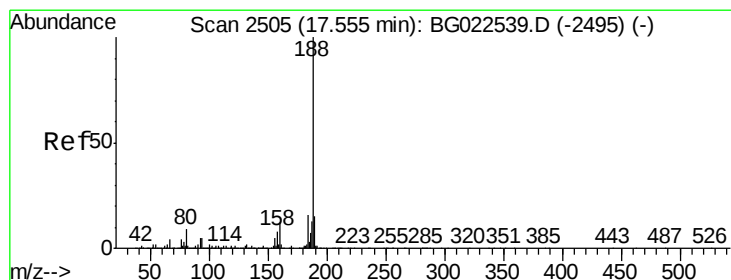
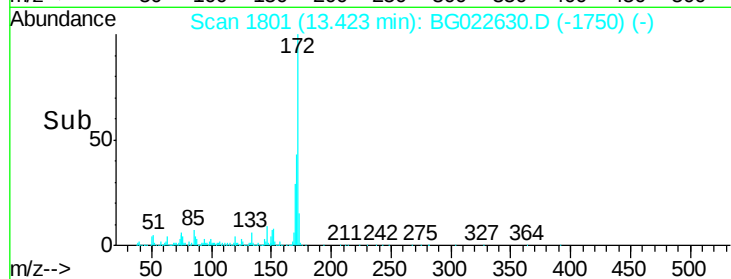
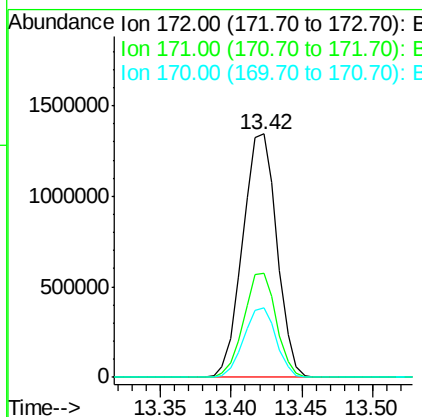
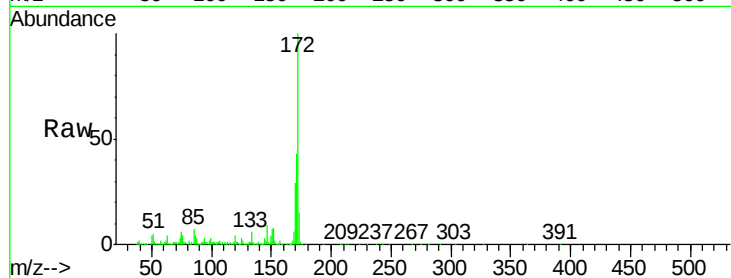


#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022630.D
 Acq: 27 Jun 2016 4:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2286327

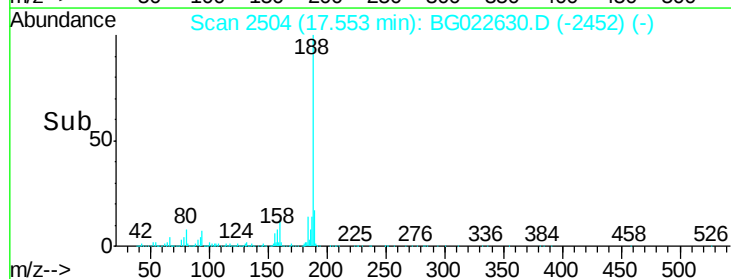
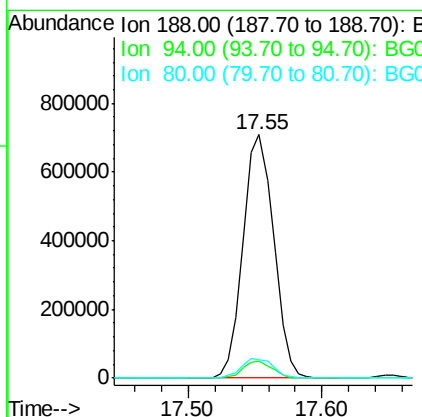
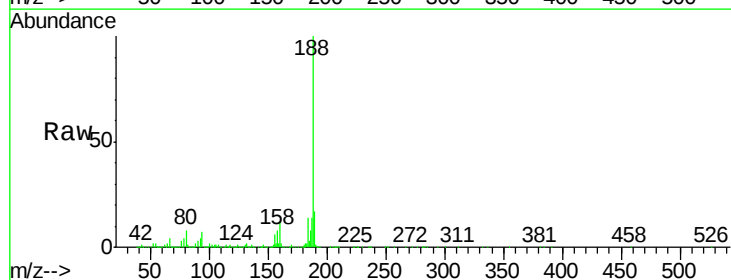
Ion	Ratio	Lower	Upper
172	100		
171	42.8	31.6	47.4
170	28.8	21.3	31.9

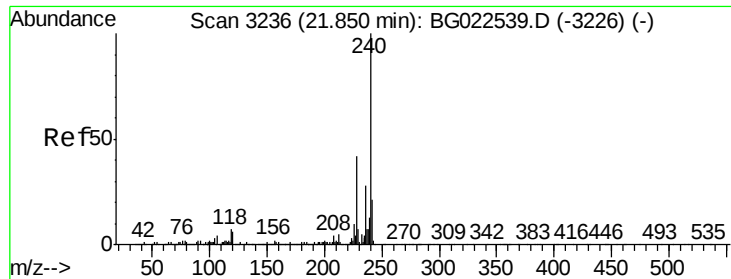


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG022630.D
 Acq: 27 Jun 2016 4:44

Tgt Ion:188 Resp: 1124509

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	7.8	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

Instrument :

BNA_G

ClientSampleId :

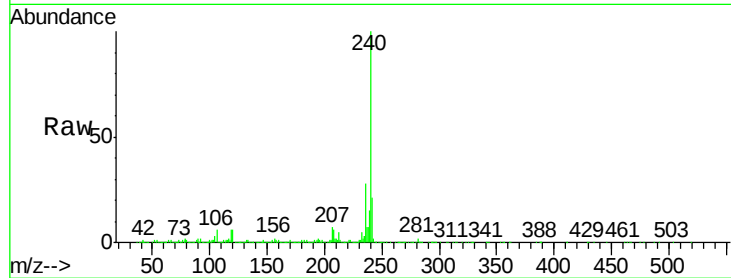
Tot Ion:240 Resp: 1254692

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

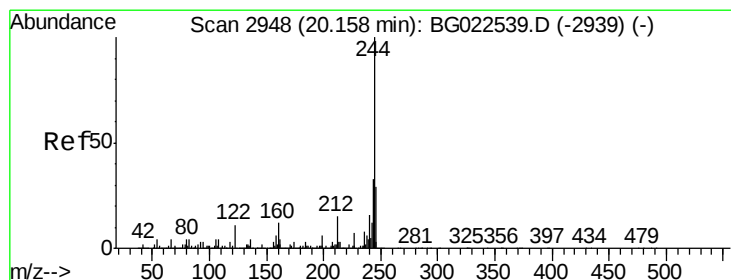
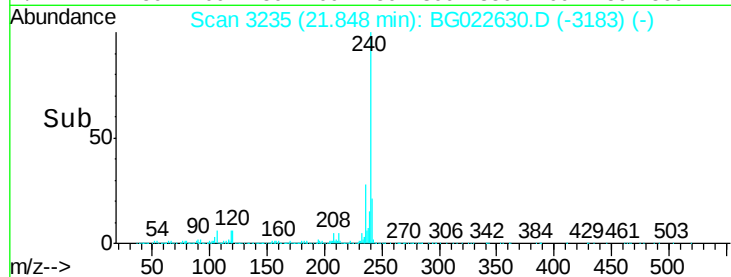
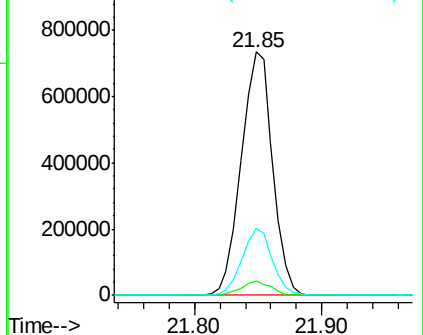
236 27.6 21.1 31.7



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: 70.28 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022630.D

Acq: 27 Jun 2016 4:44

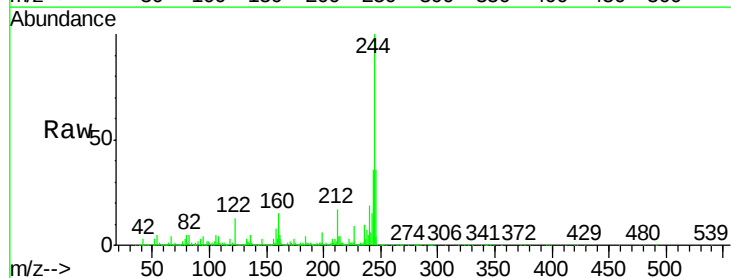
Tgt Ion:244 Resp: 3328464

Ion Ratio Lower Upper

244 100

212 16.5 10.8 16.2#

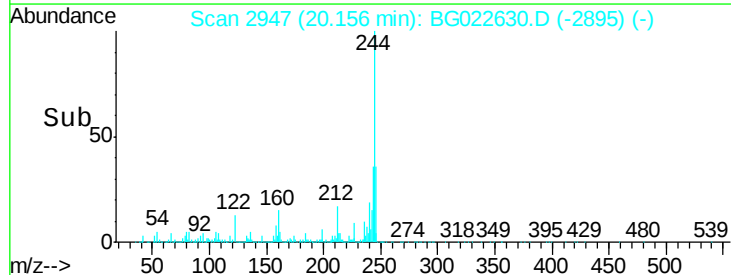
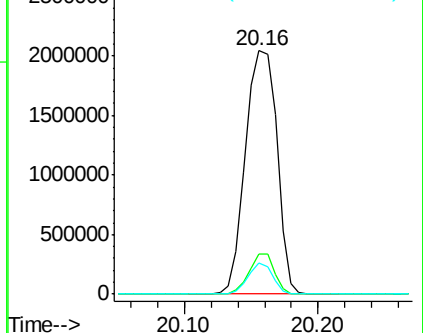
122 12.7 8.0 12.0#

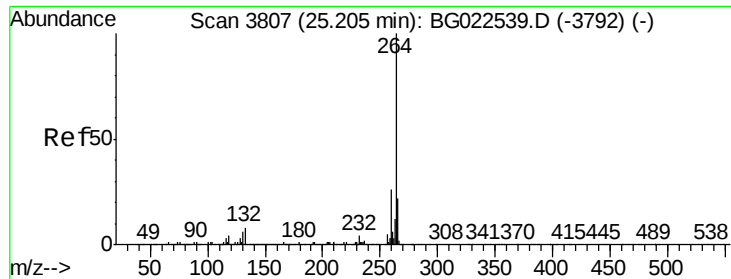


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022630.D
Acq: 27 Jun 2016 4:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1287045

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.9	18.9	28.3

