

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
 Data File : BG022964.D
 Acq On : 9 Jul 2016 14:05
 Operator : UM/SJ
 Sample : H3936-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-4-DEP

Quant Time: Jul 11 01:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

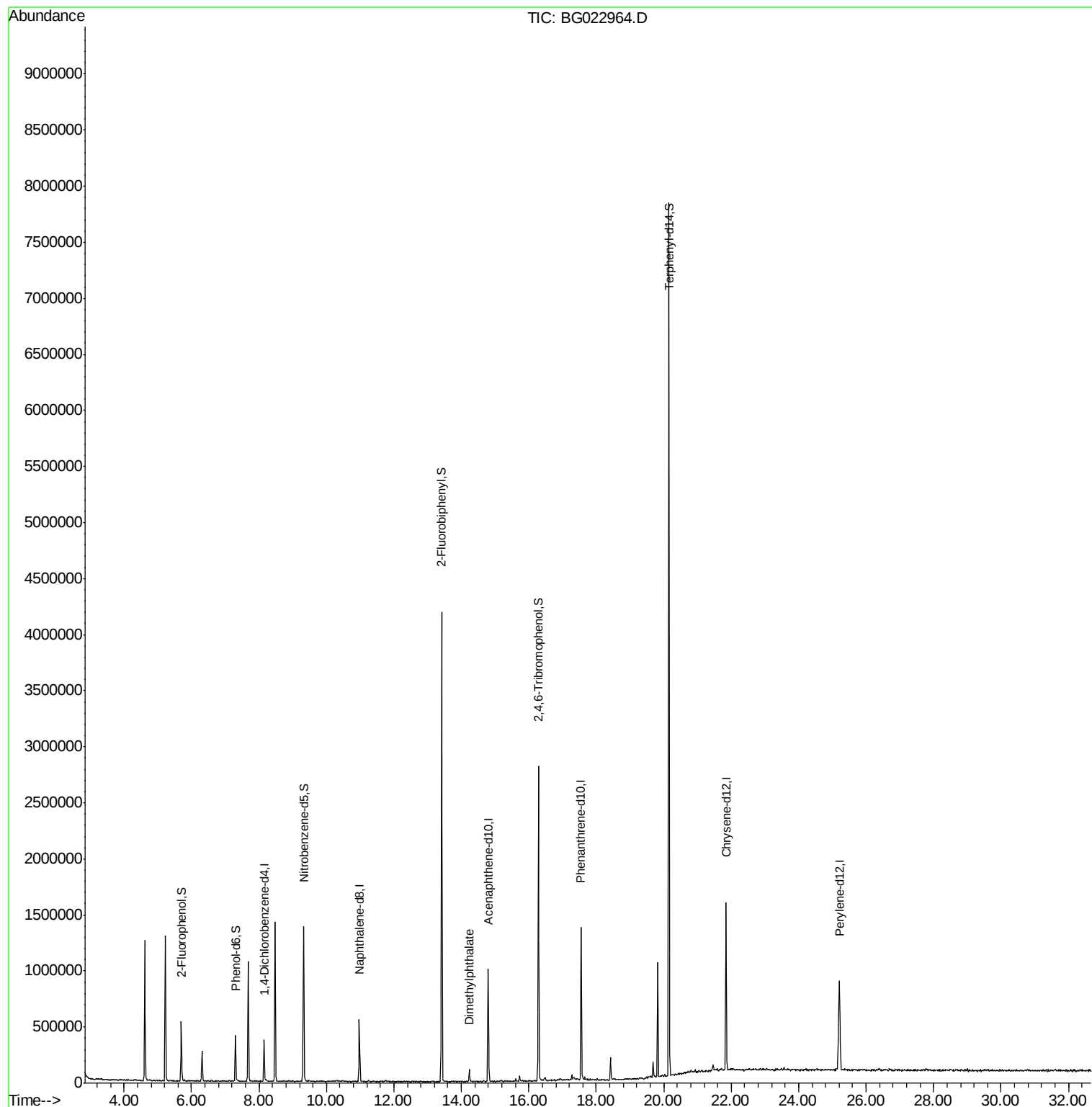
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95888	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450635	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348268	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	853302	20.00	ng	0.00
75) Chrysene-d12	21.85	240	938472	20.00	ng	0.00
86) Perylene-d12	25.21	264	953830	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	222654	37.98	ng	0.00
7) Phenol-d6	7.30	99	232385	25.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	883302	83.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	499352	79.78	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2000833	90.49	ng	0.00
78) Terphenyl-d14	20.15	244	2863485	106.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	71037	2.50	ng	Qvalue # 94

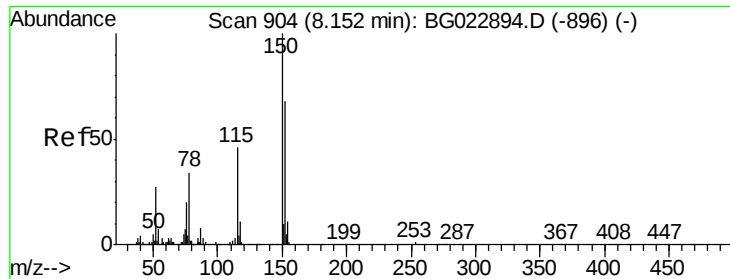
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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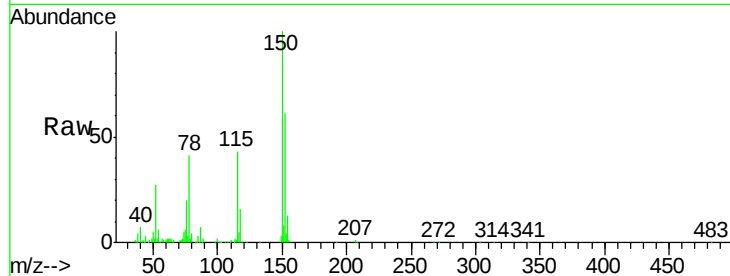


#1

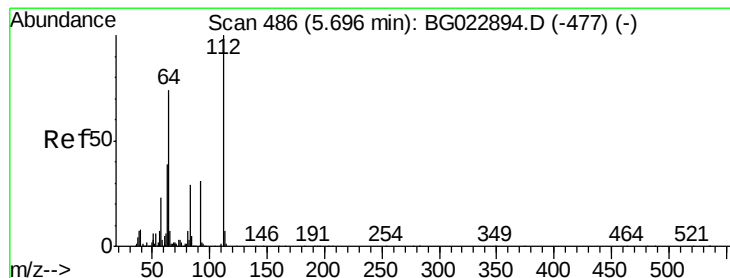
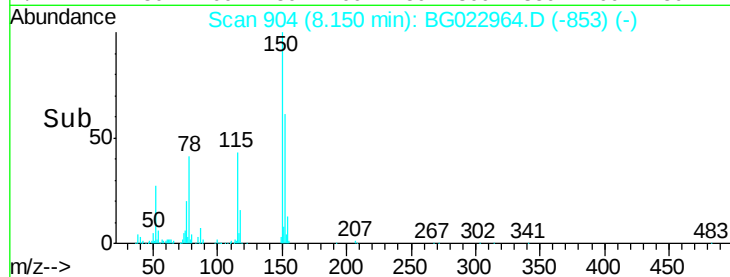
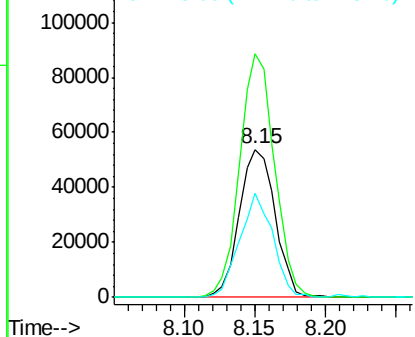
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022964.D
Acq: 9 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
TW-4-DEP

Tgt Ion:152 Resp: 95888
Ion Ratio Lower Upper
152 100
150 164.6 144.7 217.1
115 70.5 64.0 96.0



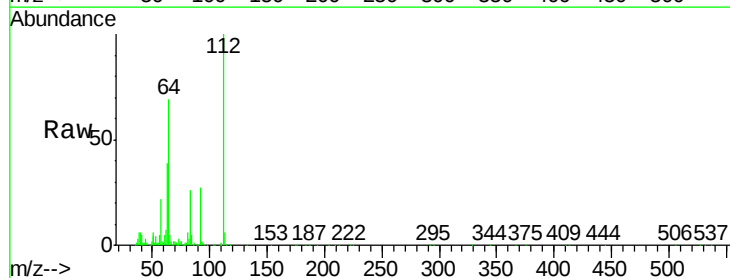
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



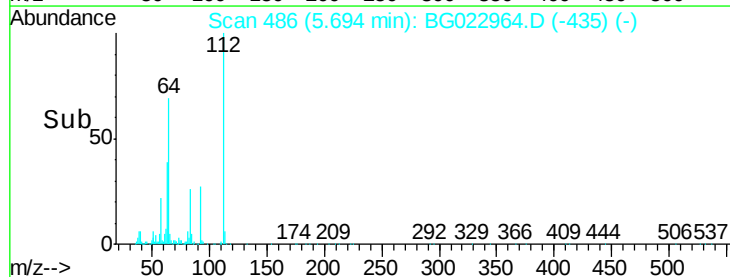
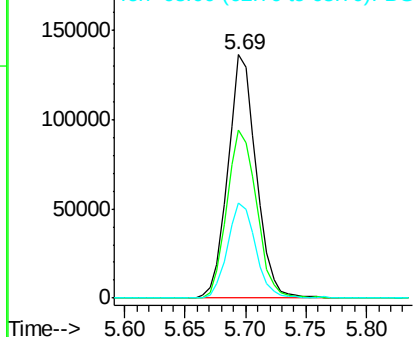
#5

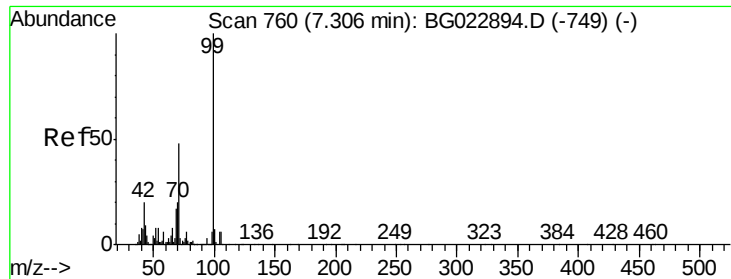
2-Fluorophenol
Concen: 37.98 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG022964.D
Acq: 9 Jul 2016 14:05

Tgt Ion:112 Resp: 222654
Ion Ratio Lower Upper
112 100
64 68.9 59.0 88.4
63 39.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.31 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022964.D

Acq: 9 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

TW-4-DEP

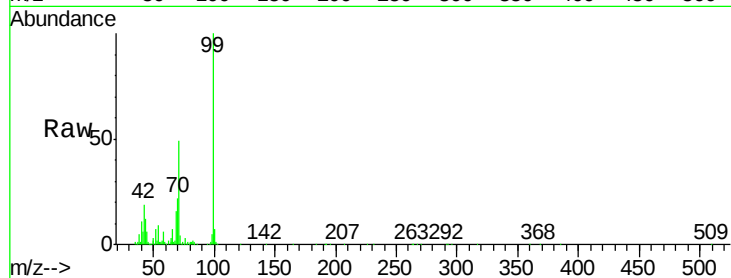
Tgt Ion: 99 Resp: 232385

Ion Ratio Lower Upper

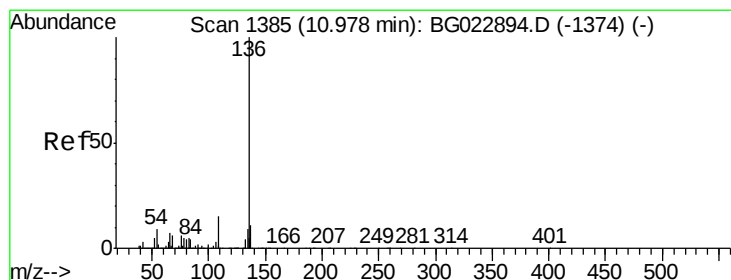
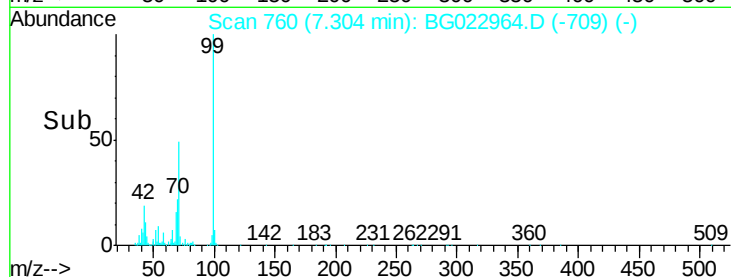
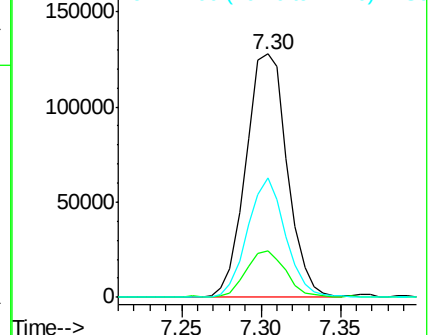
99 100

42 19.0 17.8 26.6

71 49.1 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: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022964.D

Acq: 9 Jul 2016 14:05

Tgt Ion: 136 Resp: 450635

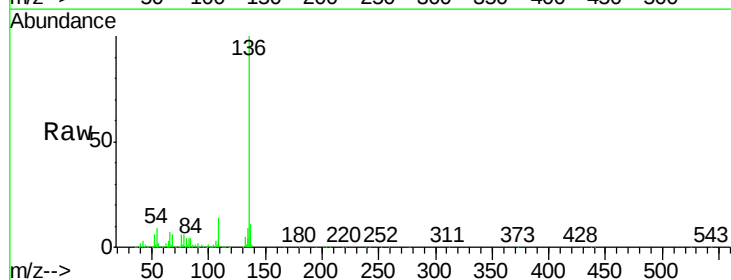
Ion Ratio Lower Upper

136 100

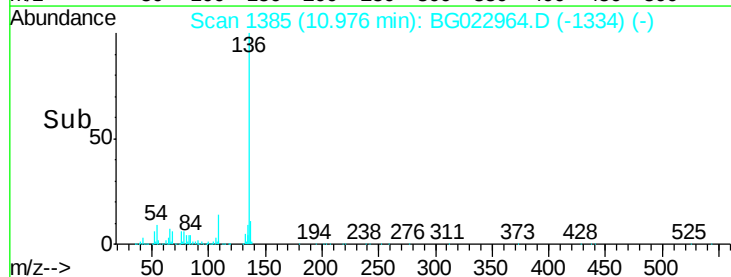
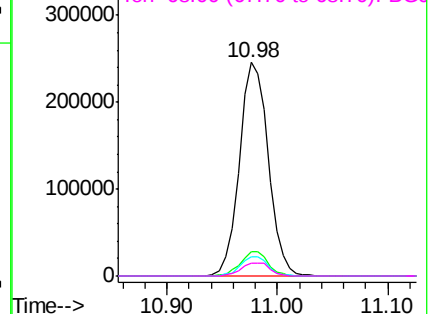
137 11.2 9.6 14.4

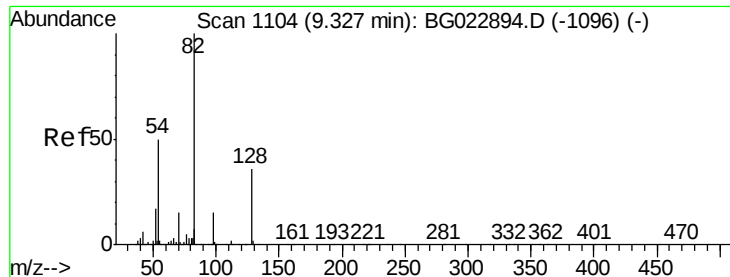
54 9.1 7.3 10.9

68 6.0 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

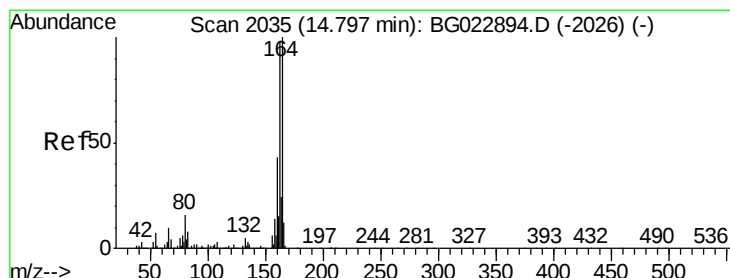
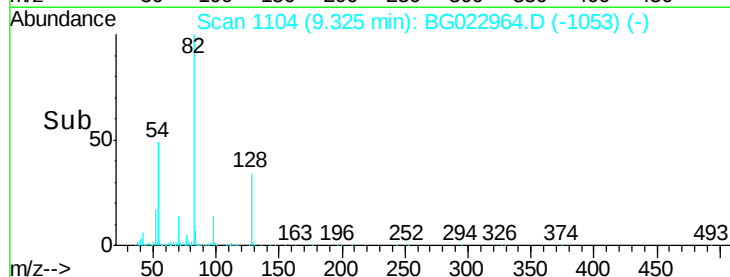
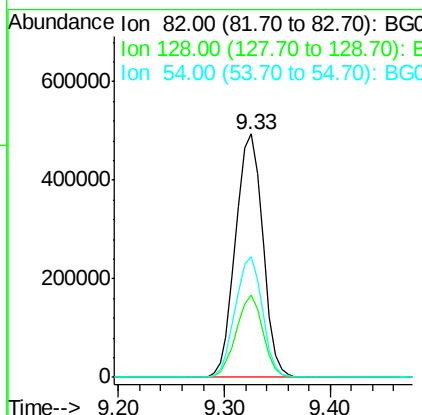
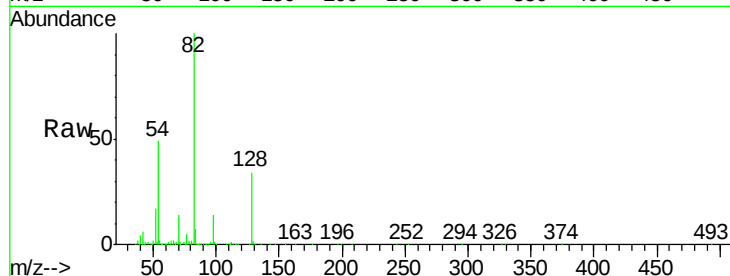




#23
 Nitrobenzene-d5
 Concen: 83.93 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

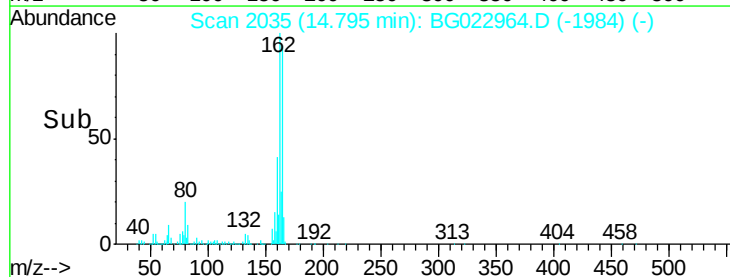
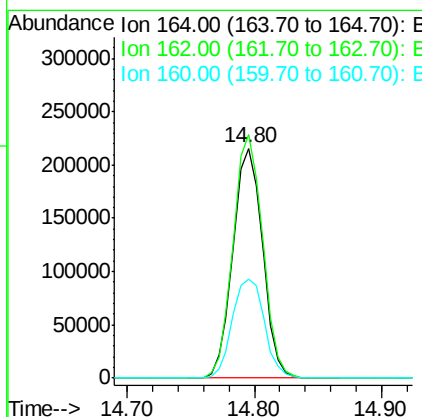
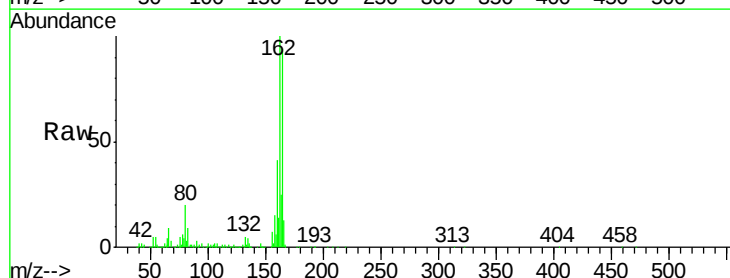
Instrument :
 BNA_G
 ClientSampleId :
 TW-4-DEP

Tgt Ion: 82 Resp: 883302
 Ion Ratio Lower Upper
 82 100
 128 33.7 24.4 36.6
 54 49.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

Tgt Ion: 164 Resp: 348268
 Ion Ratio Lower Upper
 164 100
 162 105.9 87.7 131.5
 160 43.2 37.2 55.8

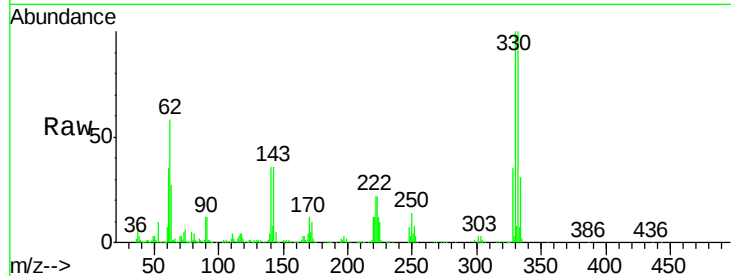




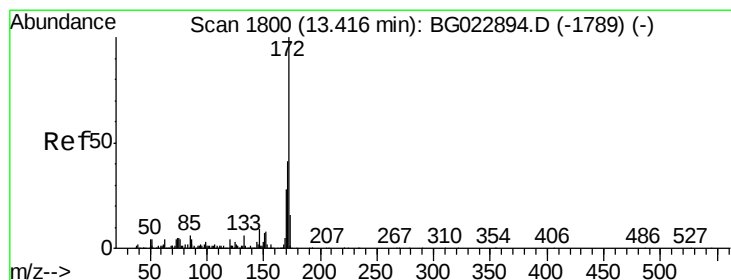
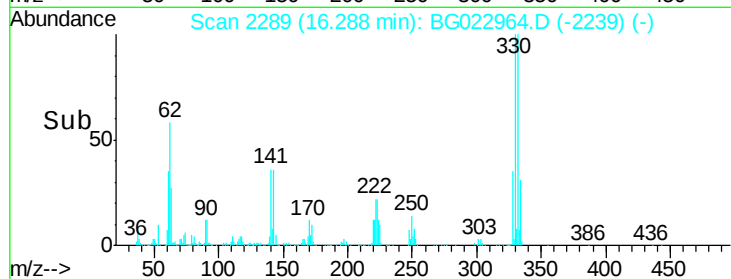
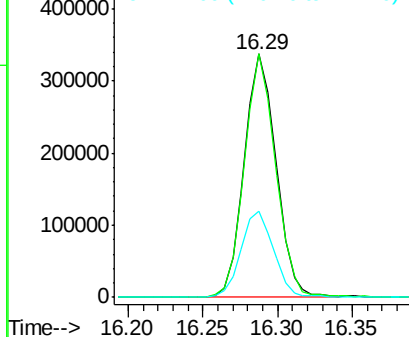
#41
 2,4,6-Tribromophenol
 Concen: 79.78 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 TW-4-DEP

Tgt Ion:330 Resp: 499352
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 36.5 31.7 47.5

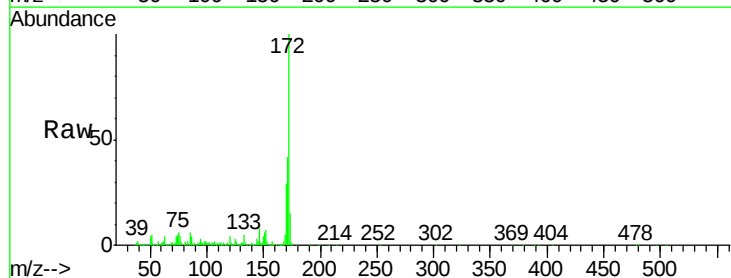


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

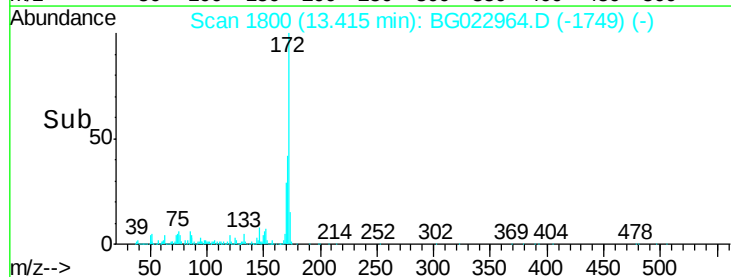
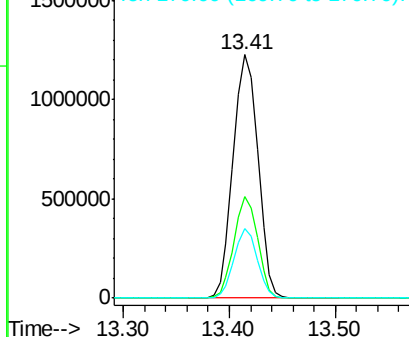


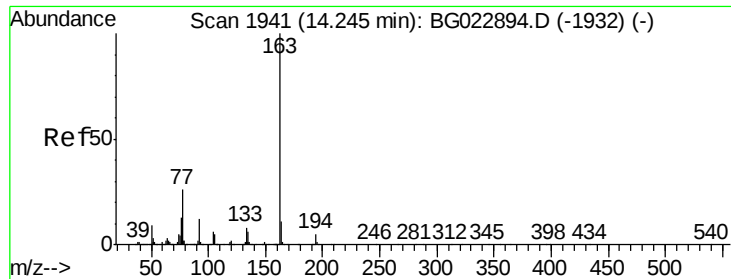
#44
 2-Fluorobiphenyl
 Concen: 90.49 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

Tgt Ion:172 Resp: 2000833
 Ion Ratio Lower Upper
 172 100
 171 41.9 31.6 47.4
 170 28.6 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: 2.50 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022964.D

Acq: 9 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

TW-4-DEP

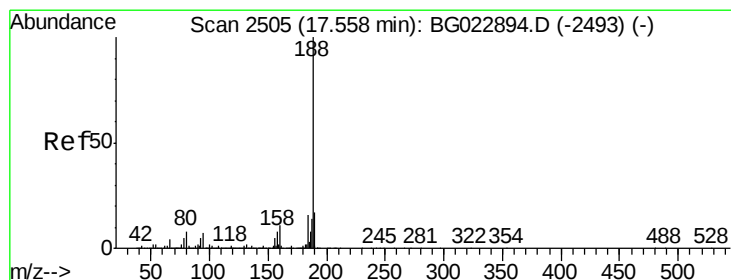
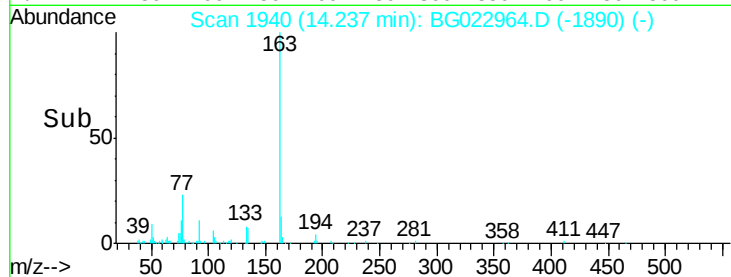
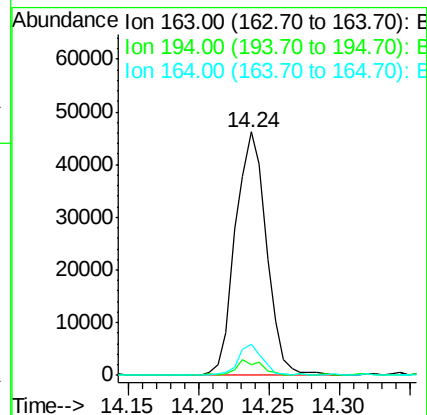
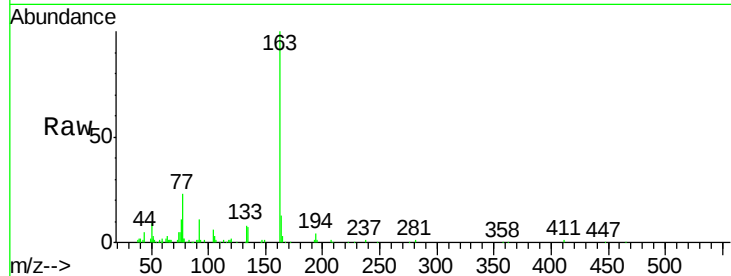
Tgt Ion:163 Resp: 71037

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 13.0 8.1 12.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022964.D

Acq: 9 Jul 2016 14:05

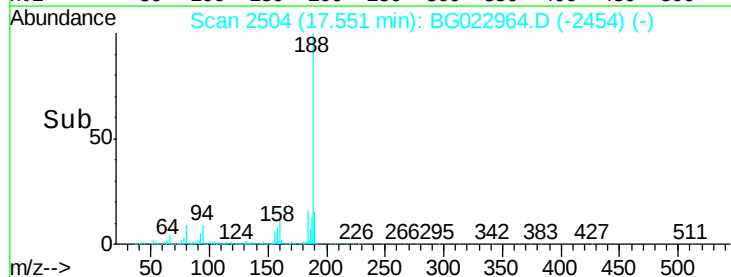
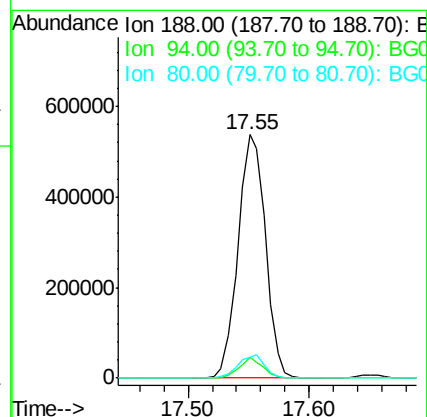
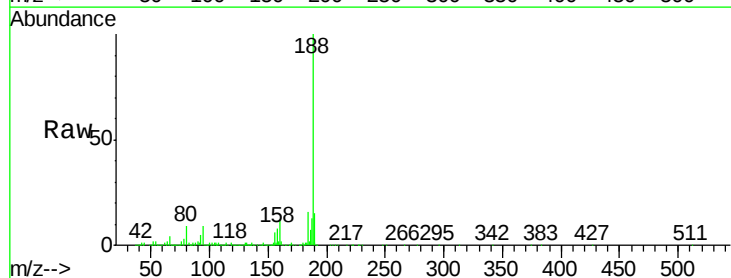
Tgt Ion:188 Resp: 853302

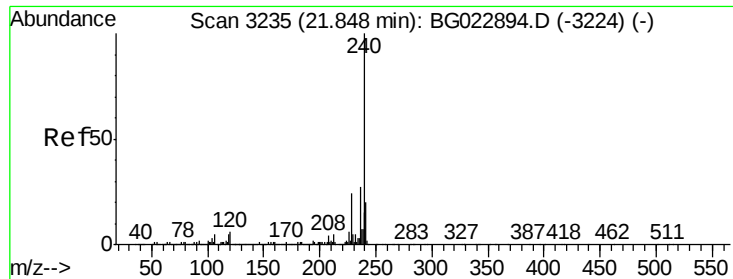
Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

80 8.8 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: BG022964.D

Acq: 9 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

TW-4-DEP

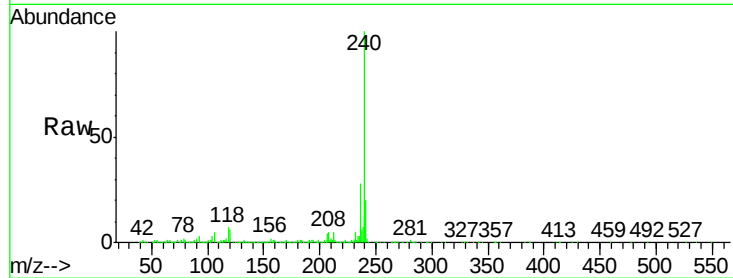
Tgt Ion:240 Resp: 938472

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

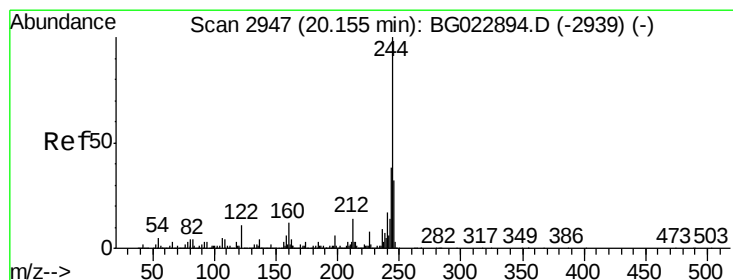
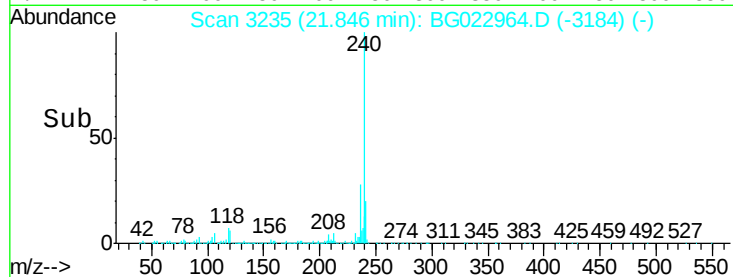
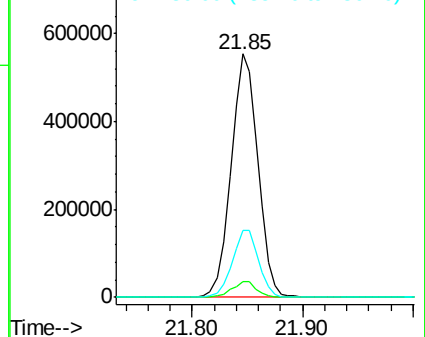
236 27.6 21.1 31.7



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: 106.65 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022964.D

Acq: 9 Jul 2016 14:05

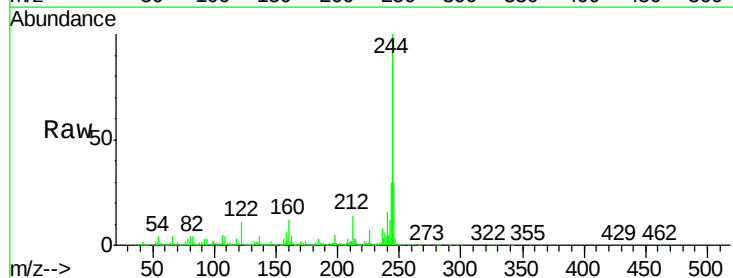
Tgt Ion:244 Resp: 2863485

Ion Ratio Lower Upper

244 100

212 13.8 10.8 16.2

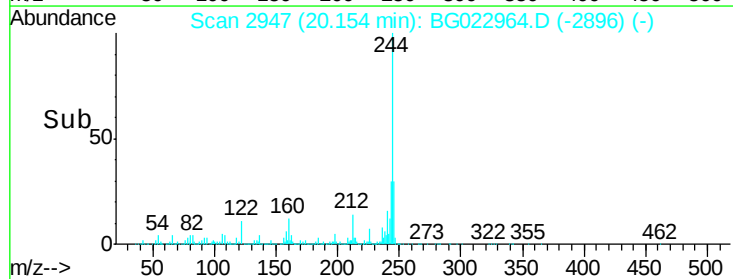
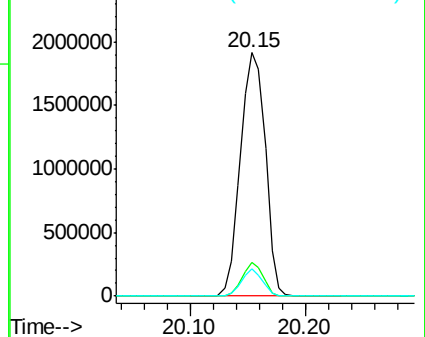
122 11.1 8.0 12.0

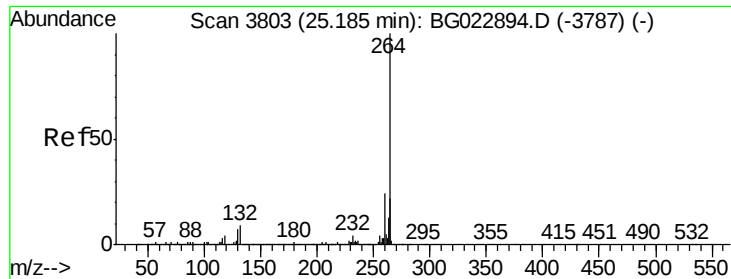


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022964.D
Acq: 9 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
TW-4-DEP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.8	18.9	28.3

