

Data Path : V:\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

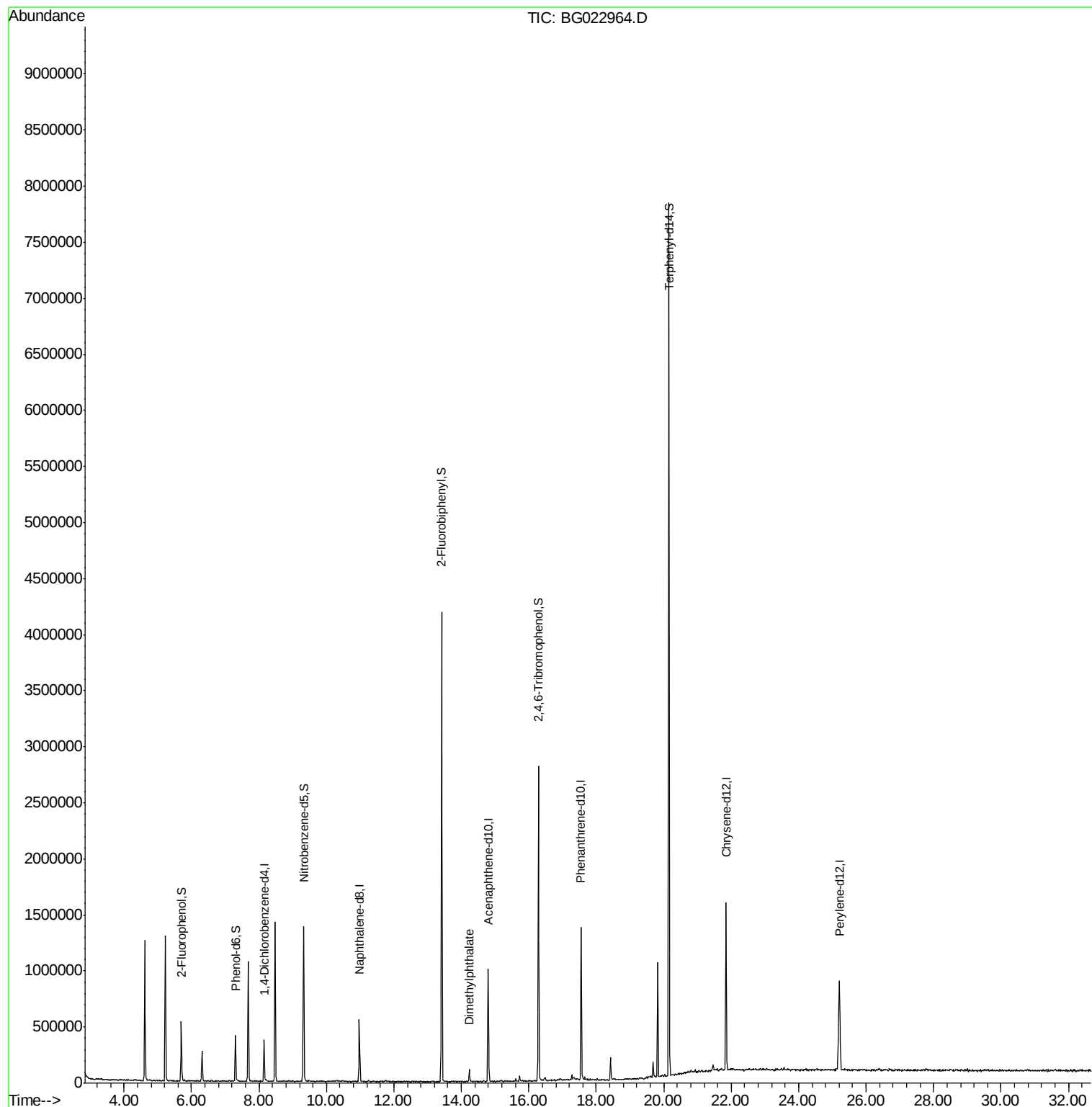
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95888	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450635	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348268	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	853302	20.00	ng	0.00
75) Chrysene-d12	21.85	240	938472	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

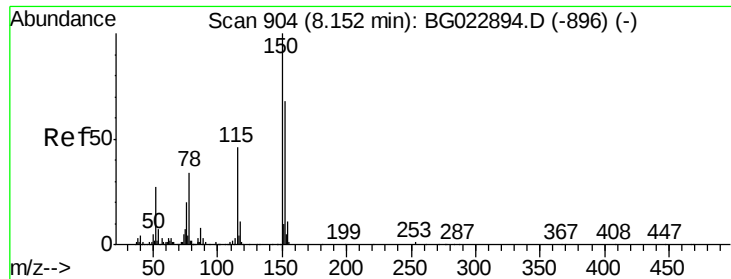
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

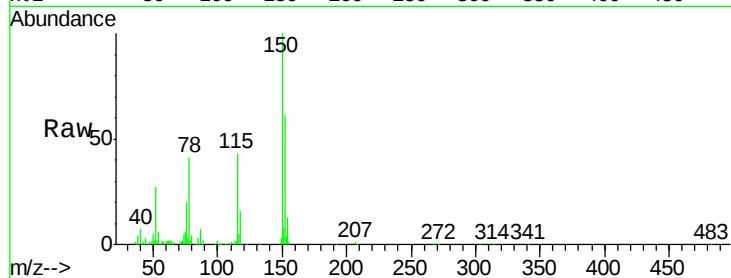
Tot Ion:152 Resp: 95888

Ion Ratio Lower Upper

152 100

150 164.6 144.7 217.1

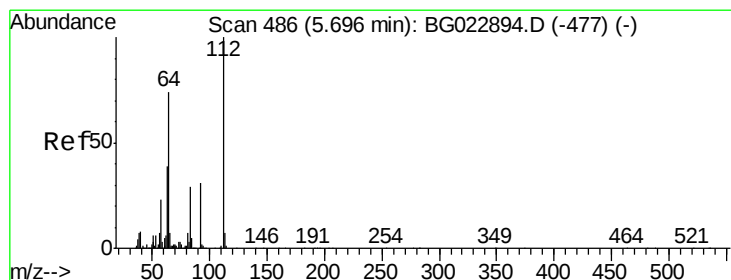
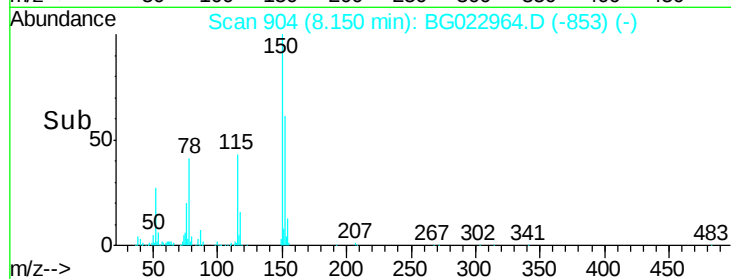
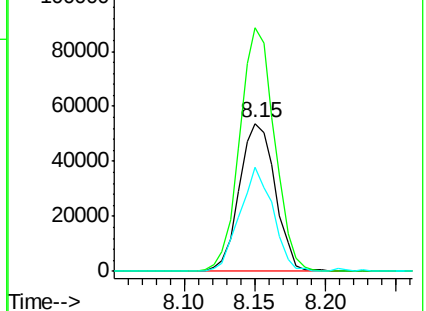
115 70.5 64.0 96.0



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

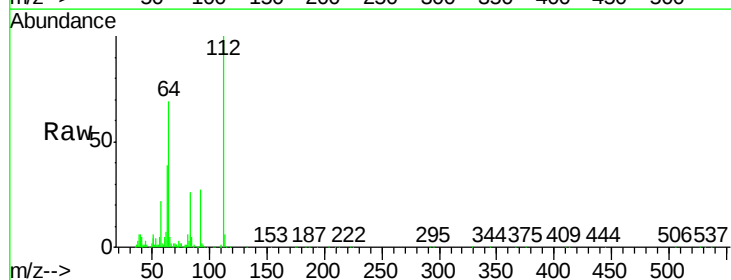
Tgt Ion:112 Resp: 222654

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

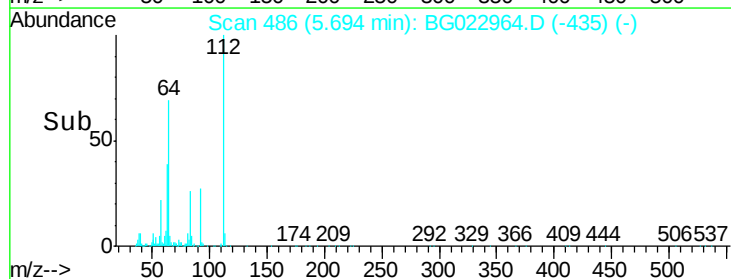
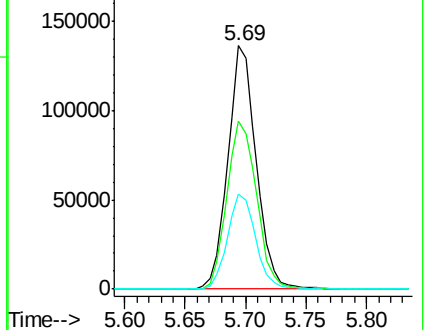
63 39.2 37.8 56.8

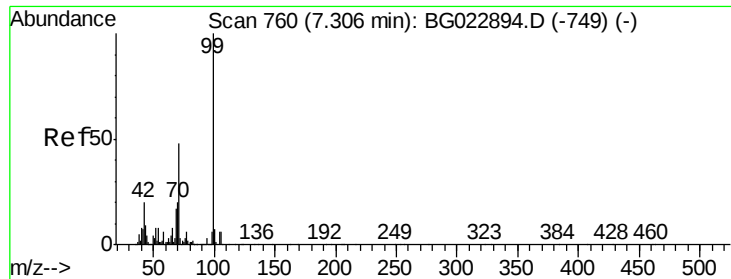


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

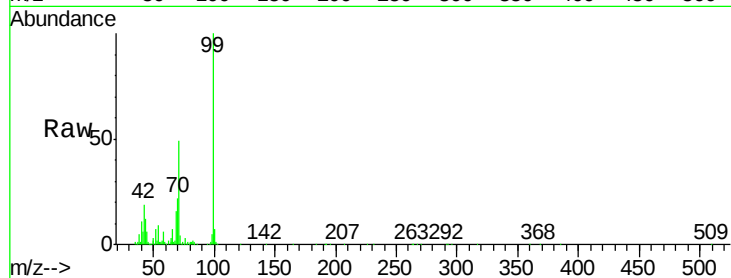
Tot Ion: 99 Resp: 232385

Ion Ratio Lower Upper

99 100

42 19.0 17.8 26.6

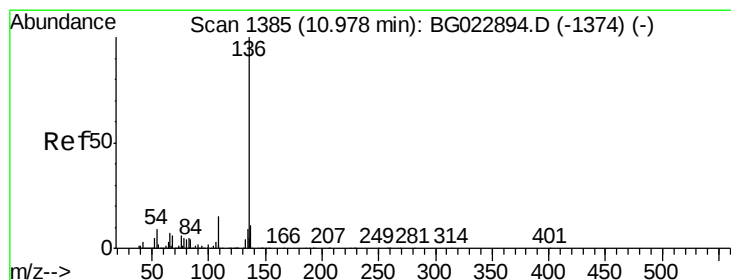
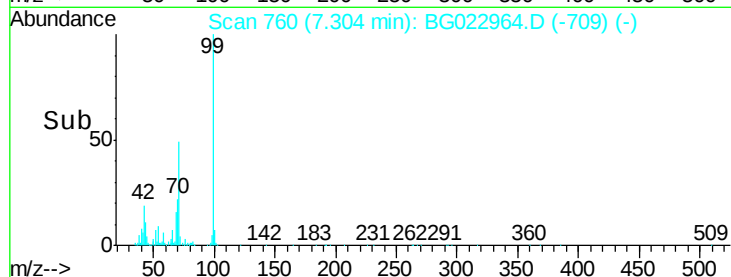
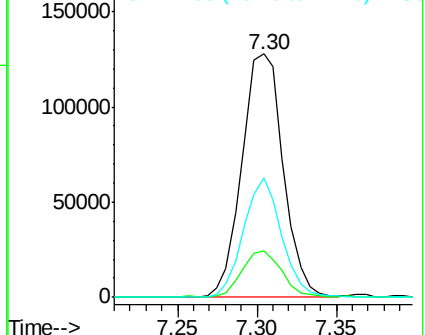
71 49.1 41.5 62.3



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

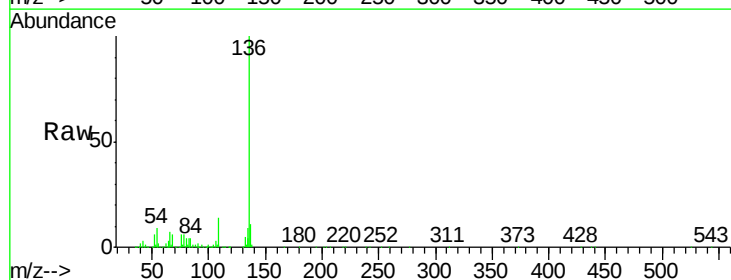
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 9.1 7.3 10.9

68 6.0 5.3 7.9

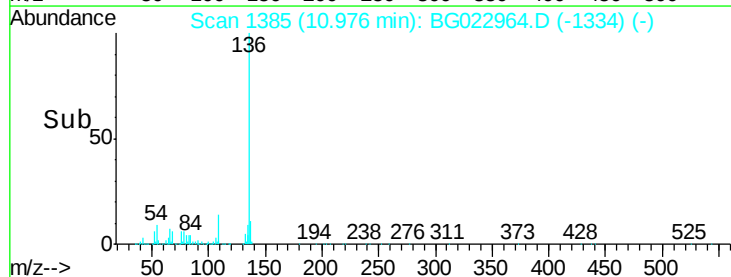
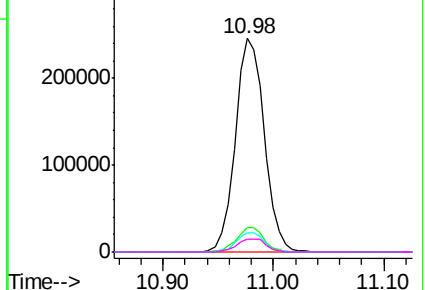


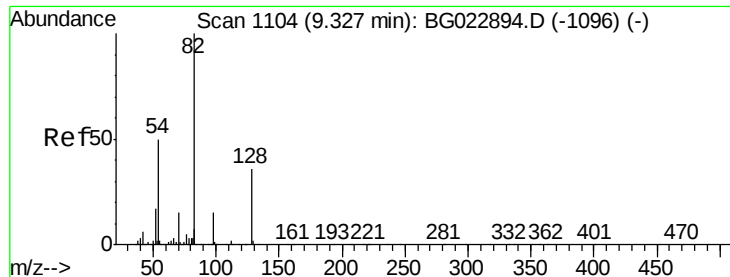
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

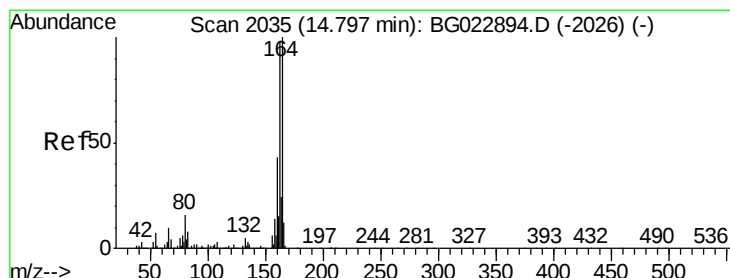
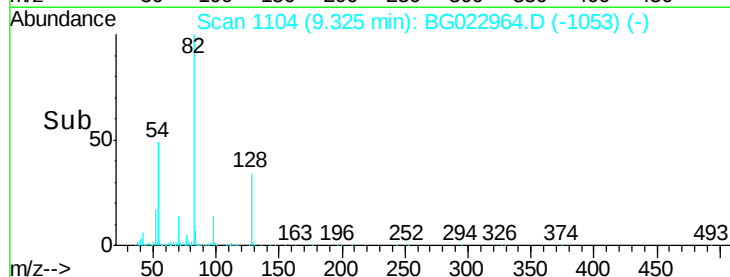
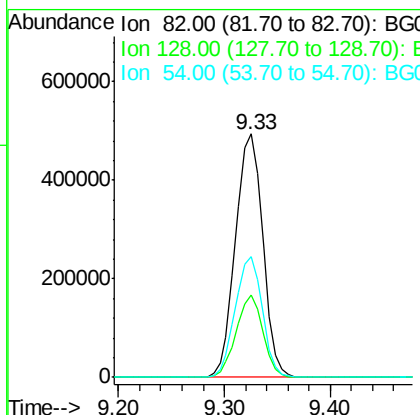
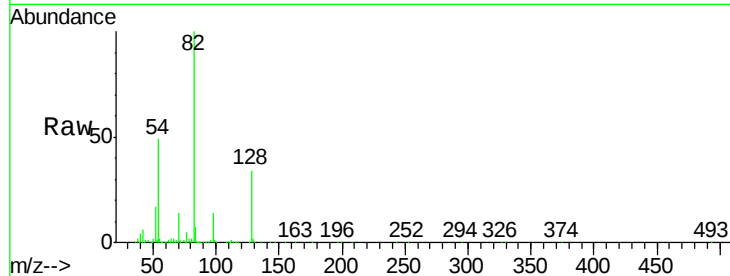




#23
 Nitrobenzene-d5
 Concen: 83.93 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

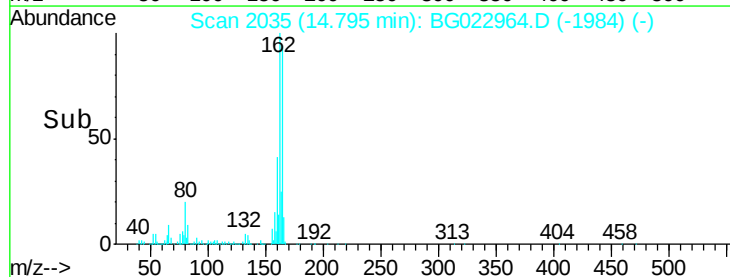
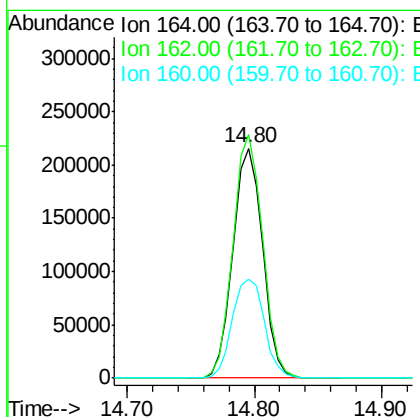
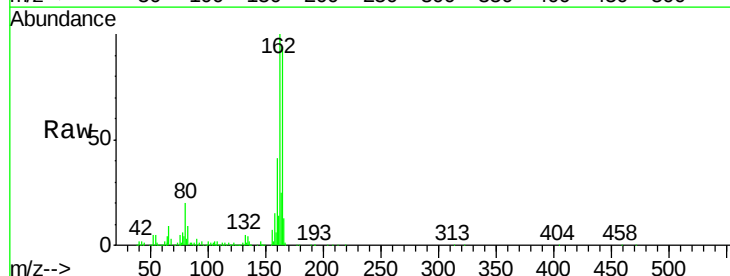
Instrument :
 BNA_G
 ClientSampleId :
 TW-4-DEP

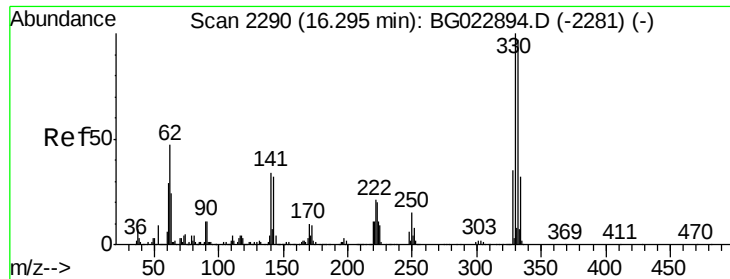
Tot Ion	82	Resp	883302
Ion	Ratio	Lower	Upper
82	100		
128	33.7	24.4	36.6
54	49.4	41.4	62.0



#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

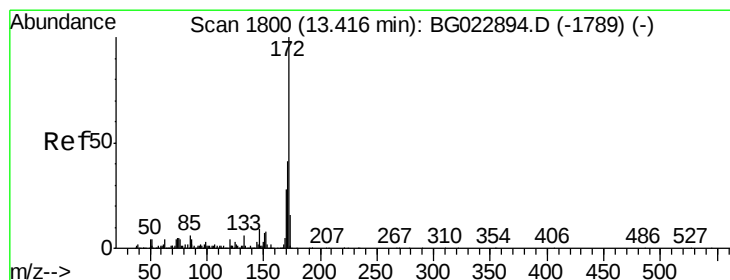
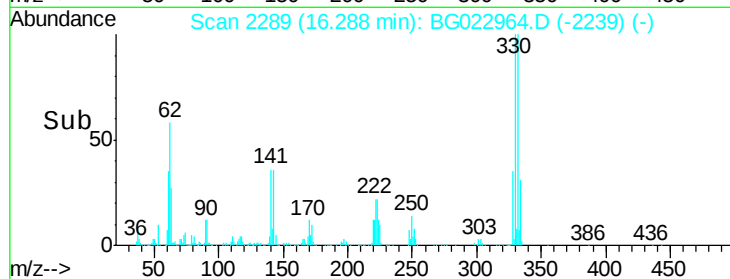
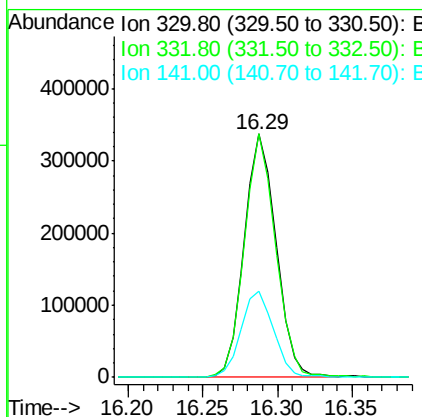
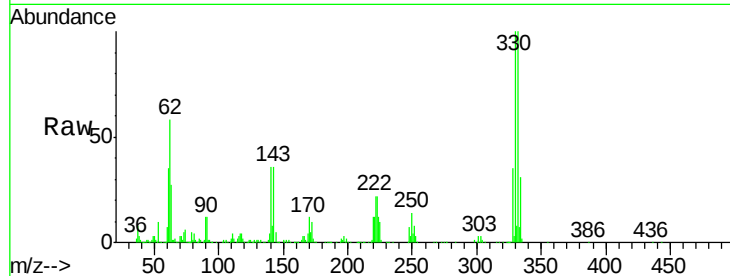




#41
 2,4,6-Tribromophenol
 Concen: 79.78 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022964.D
 Acq: 9 Jul 2016 14:05

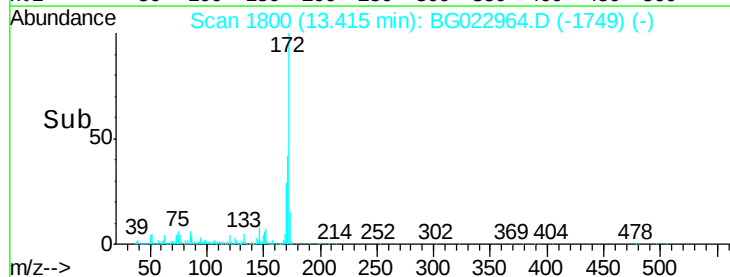
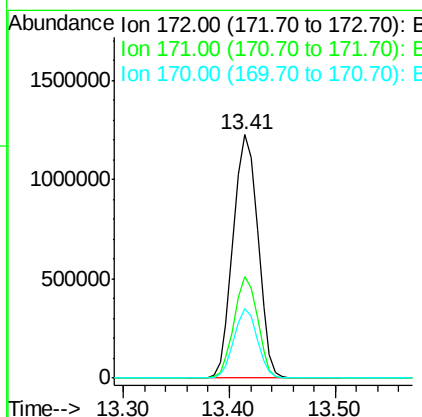
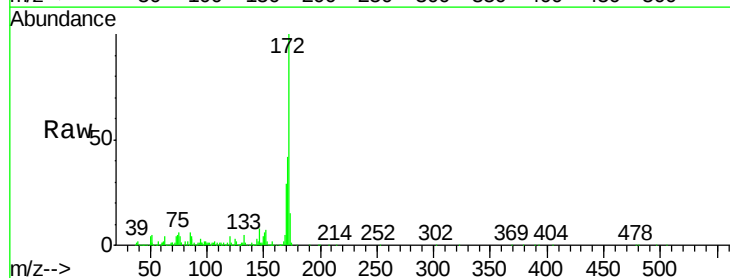
Instrument :
 BNA_G
 ClientSampleId :
 TW-4-DEP

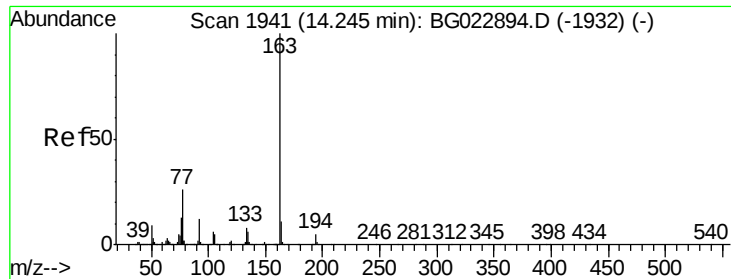
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	36.5	31.7	47.5



#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	Ratio	Lower	Upper
172	100		
171	41.9	31.6	47.4
170	28.6	21.3	31.9

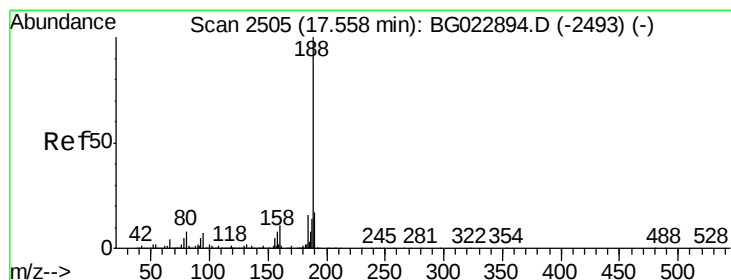
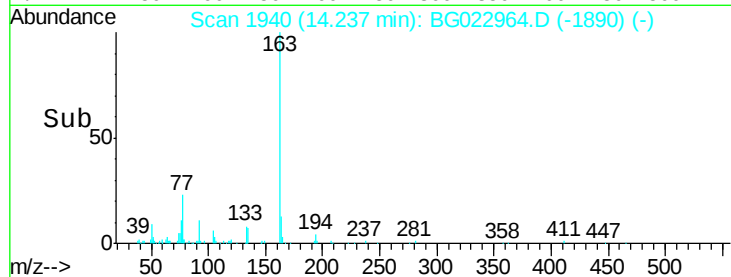
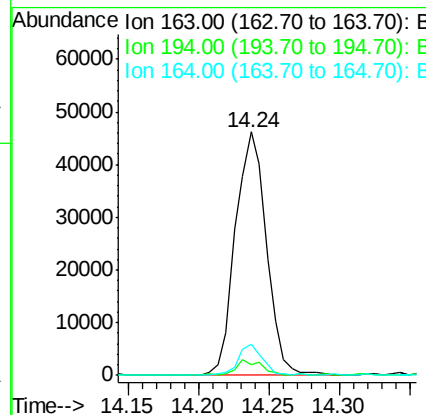
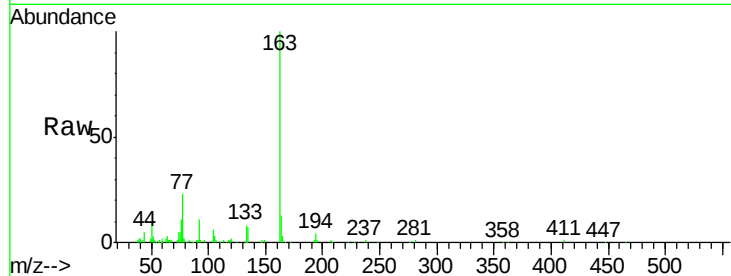




#49
Dimethylphthalate
Concen: 2.50 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022964.D
Acq: 9 Jul 2016 14:05

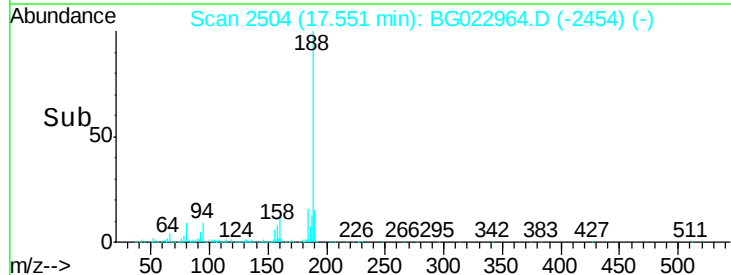
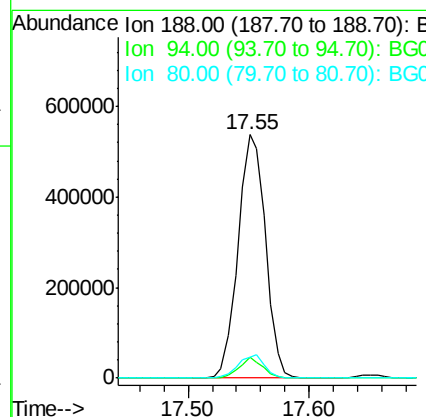
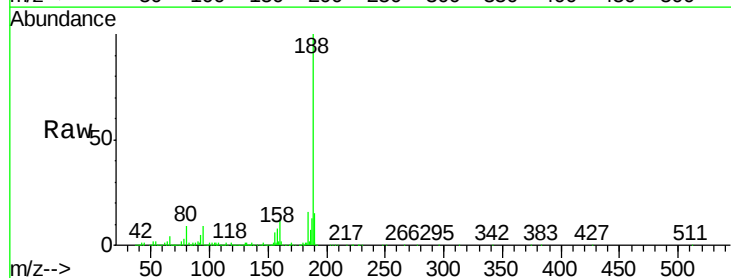
Instrument :
BNA_G
ClientSampleId :
TW-4-DEP

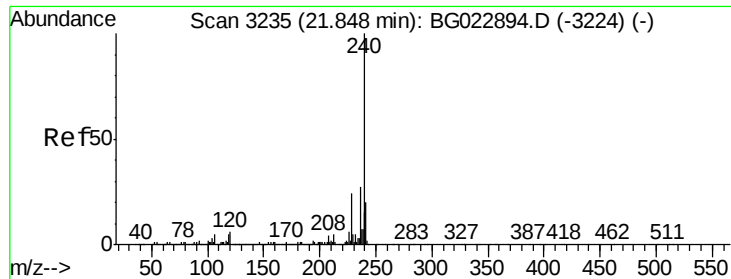
Tot Ion	163	Resp	71037
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	13.0	8.1	12.1#



#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

Chrvsene-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

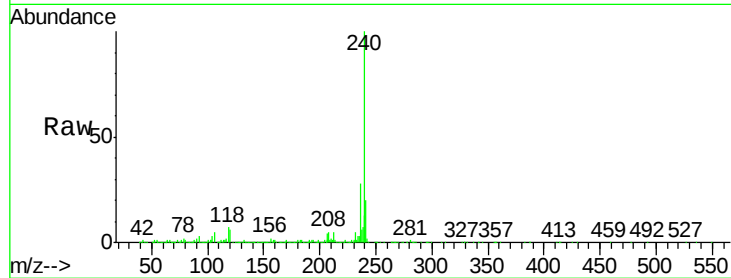
Tot Ion:240 Resp: 938472

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

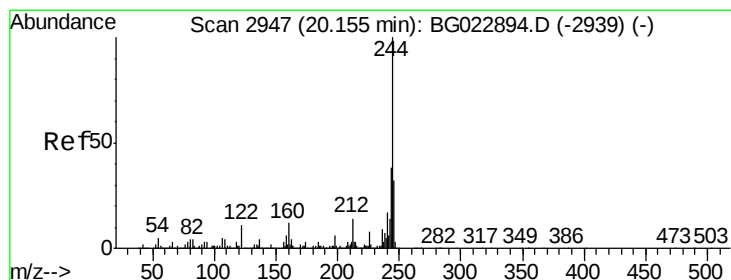
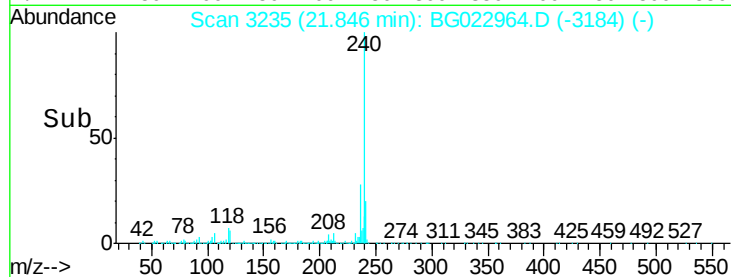
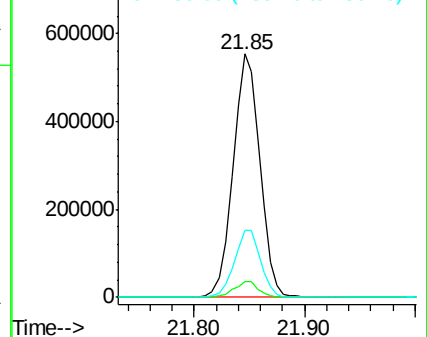
236 27.6 21.1 31.7



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

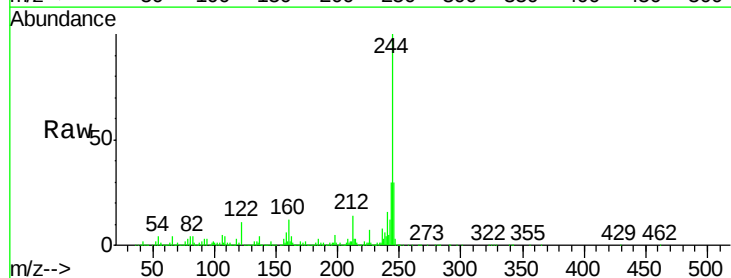
Tgt Ion:244 Resp: 2863485

Ion Ratio Lower Upper

244 100

212 13.8 10.8 16.2

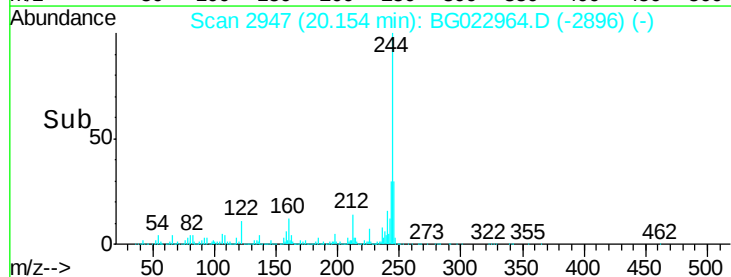
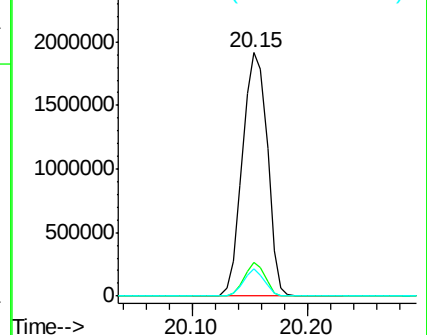
122 11.1 8.0 12.0

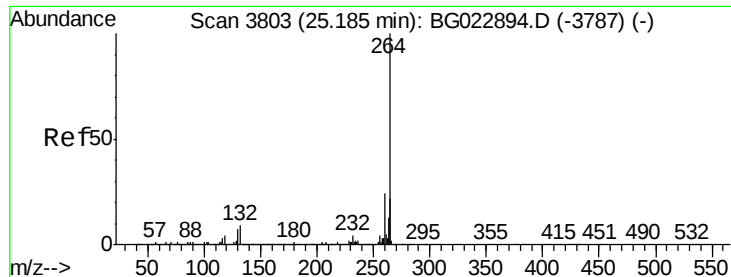


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

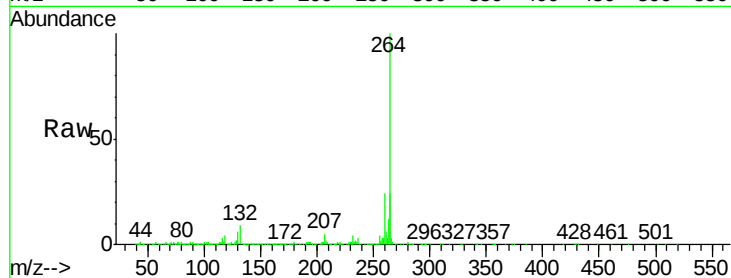




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022964.D
Acq: 9 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
TW-4-DEP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.8	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

