

Data File : BG025974.D
Acq On : 27 Feb 2017 21:49
Operator : SJ/MA
Sample : I1978-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-TWP

Quant Time: Feb 28 00:01:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	93994	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	483594	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	330381	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	790046	20.00	ng	0.00
75) Chrysene-d12	21.66	240	813681	20.00	ng	-0.02
86) Perylene-d12	24.85	264	799424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364535	67.52	ng	-0.01
7) Phenol-d6	7.23	99	343723	43.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	686701	89.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	573006	187.73	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1927898	101.97	ng	-0.01
78) Terphenyl-d14	20.01	244	2580473	77.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	99493	4.39	ng	# 98
55) 4-Nitrophenol	14.83	139	14630	3.16	ng	# 46

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

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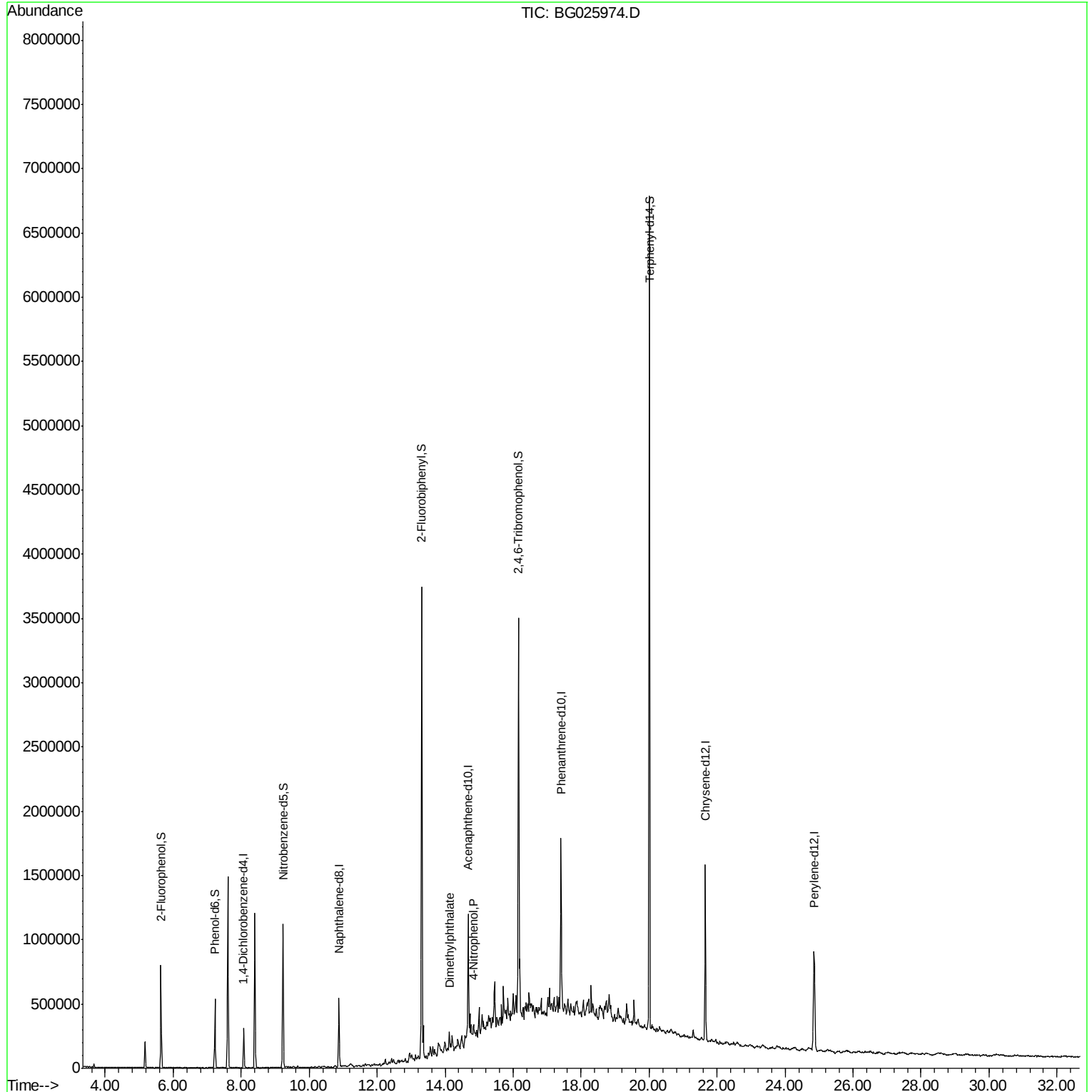
Quant Time: Feb 28 00:01:16 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

UST-TWP

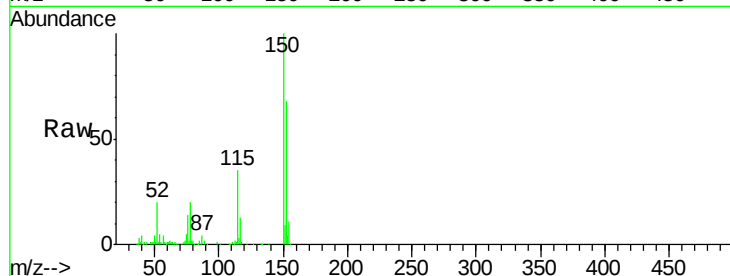
Tgt Ion:152 Resp: 93994

Ion Ratio Lower Upper

152 100

150 147.8 114.0 171.0

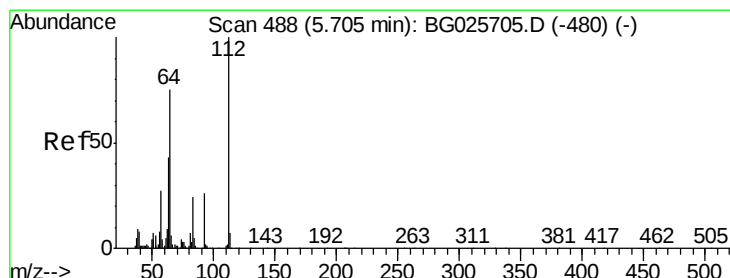
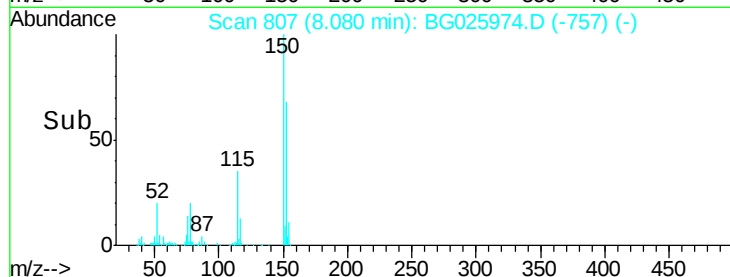
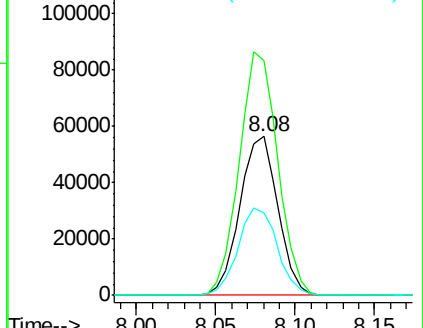
115 52.0 48.1 72.1



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: 67.52 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

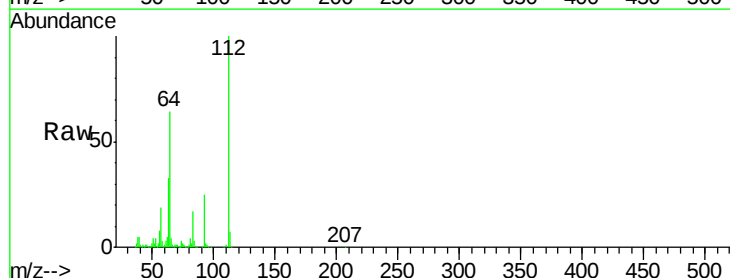
Tgt Ion:112 Resp: 364535

Ion Ratio Lower Upper

112 100

64 64.1 61.8 92.6

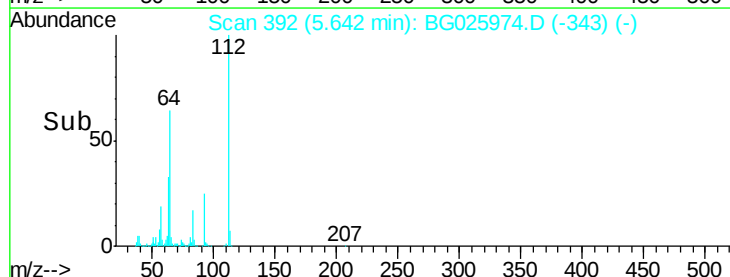
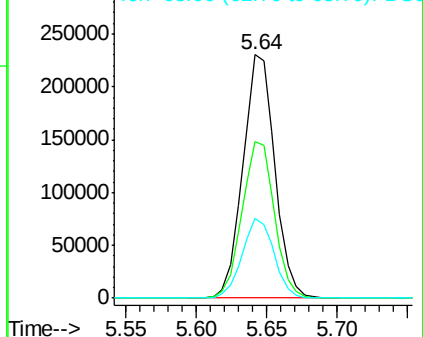
63 33.0 37.2 55.8#



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: 43.02 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

Instrument :

BNA_G

ClientSampleId :

UST-TWP

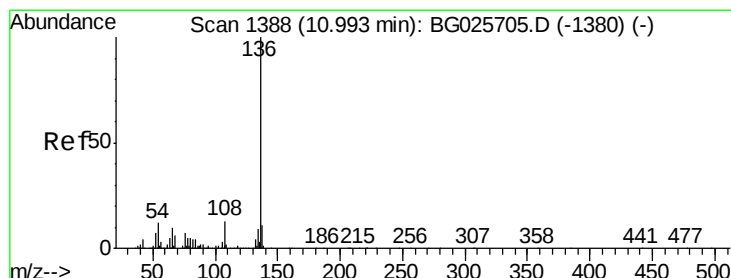
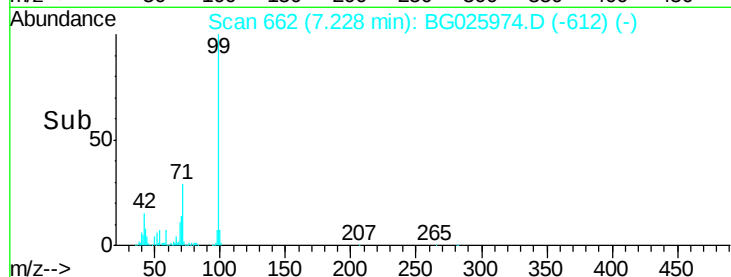
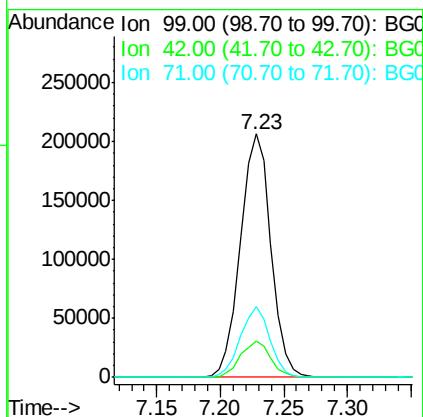
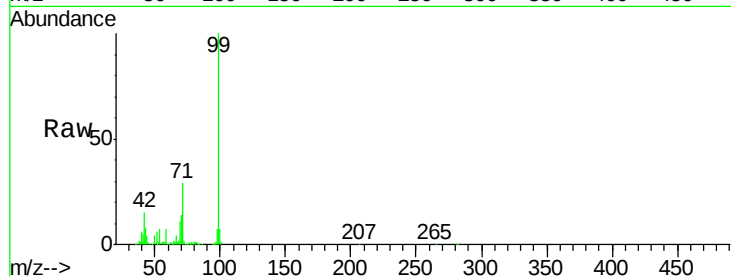
Tgt Ion: 99 Resp: 343723

Ion Ratio Lower Upper

99 100

42 14.9 20.5 30.7#

71 28.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

Tgt Ion: 136 Resp: 483594

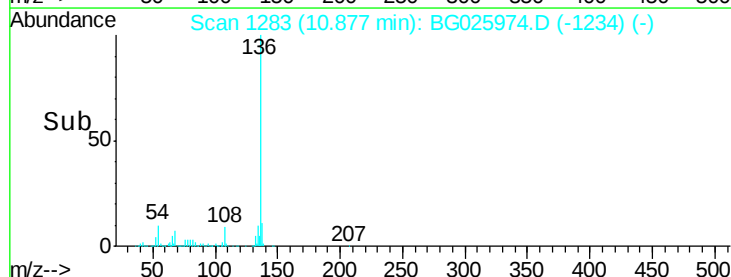
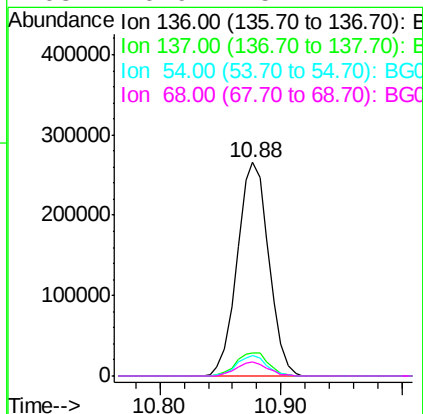
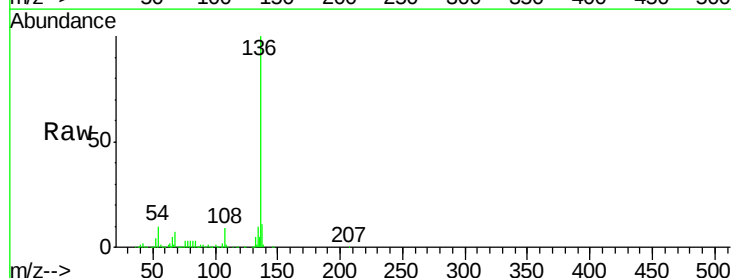
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 9.3 13.9

68 6.9 5.1 7.7

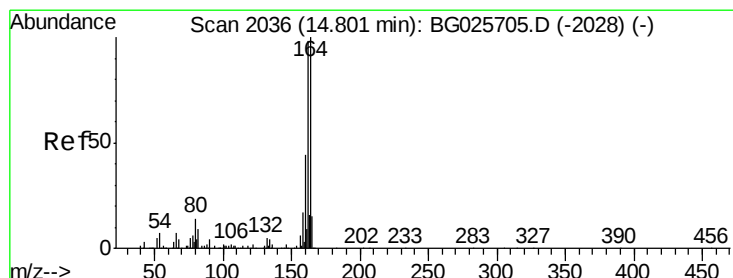
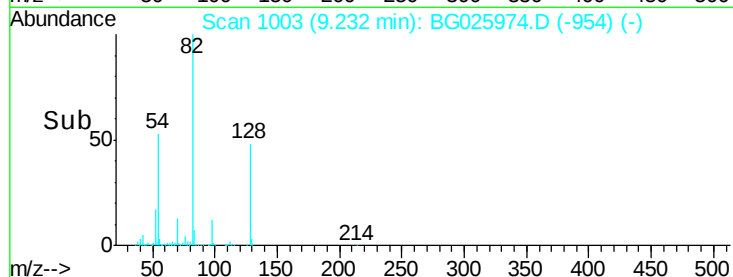
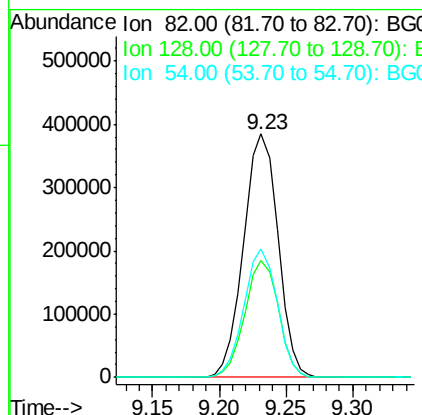
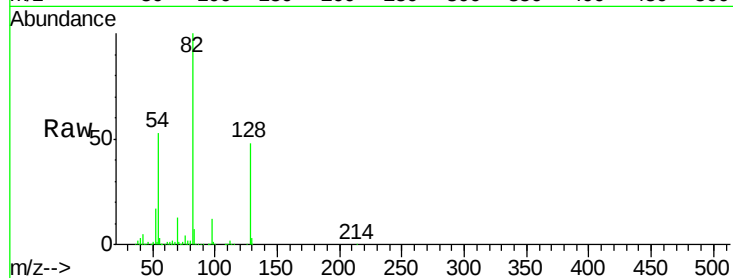




#23
 Nitrobenzene-d5
 Concen: 89.61 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025974.D
 Acq: 27 Feb 2017 21:49

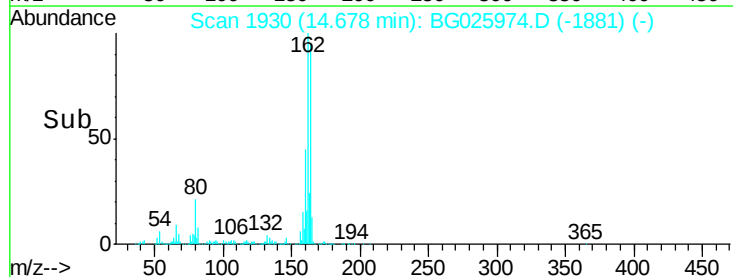
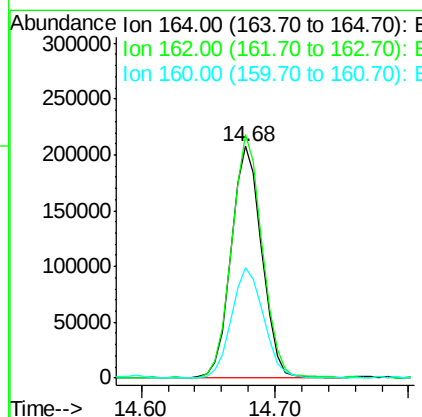
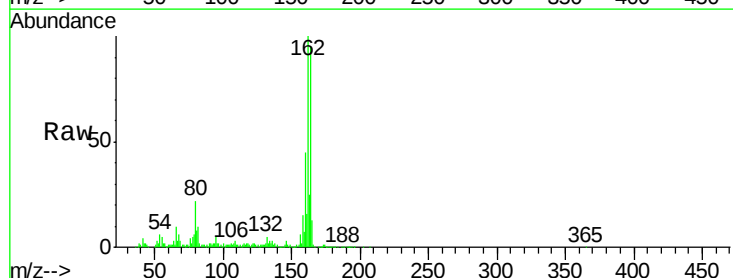
Instrument :
 BNA_G
 ClientSampleId :
 UST-TWP

Tgt Ion: 82 Resp: 686701
 Ion Ratio Lower Upper
 82 100
 128 47.9 26.4 39.6#
 54 52.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025974.D
 Acq: 27 Feb 2017 21:49

Tgt Ion: 164 Resp: 330381
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 47.7 34.7 52.1

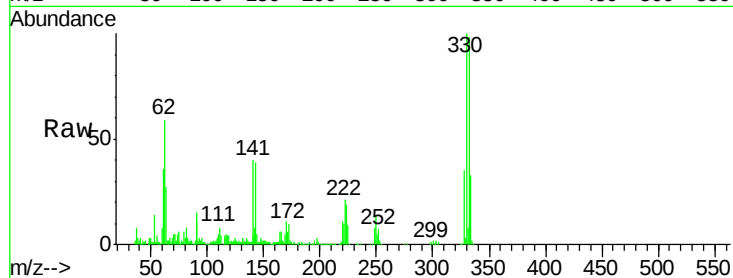




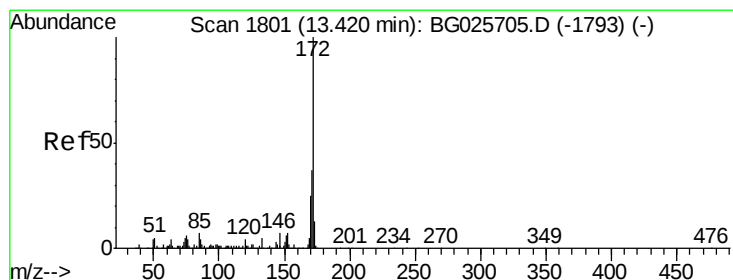
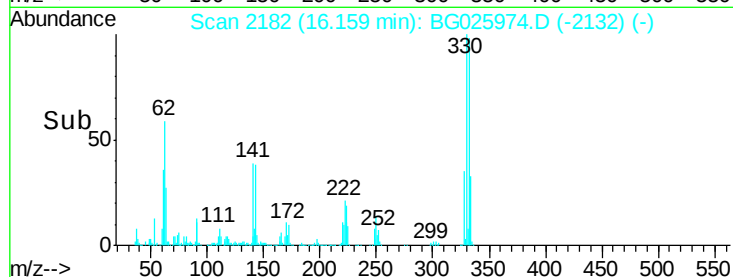
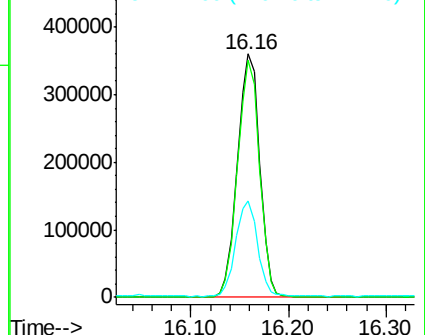
#41
 2,4,6-Tribromophenol
 Concen: 187.73 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025974.D
 Acq: 27 Feb 2017 21:49

Instrument :
 BNA_G
 ClientSampleId :
 UST-TWP

Tgt Ion:330 Resp: 573006
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 38.8 32.1 48.1

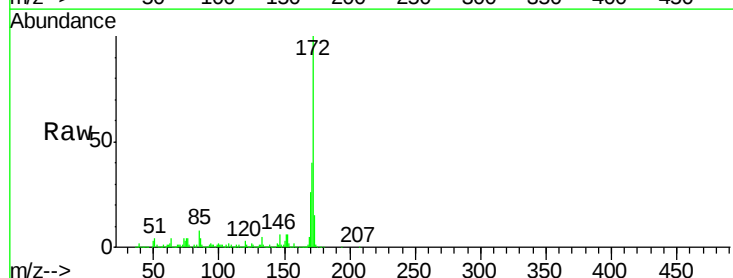


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

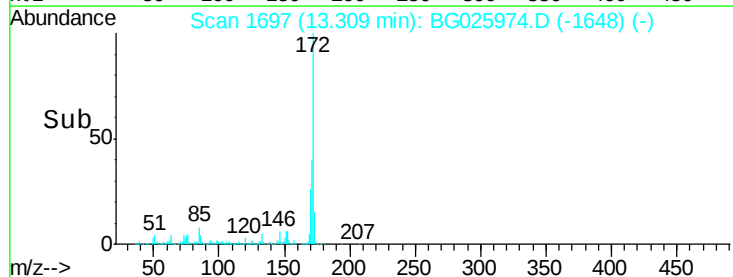
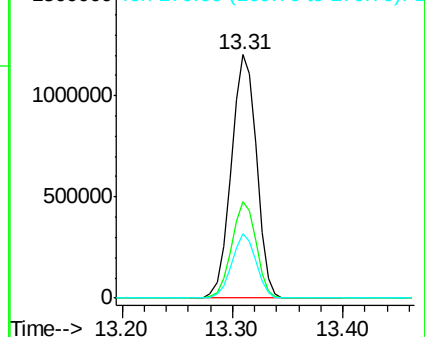


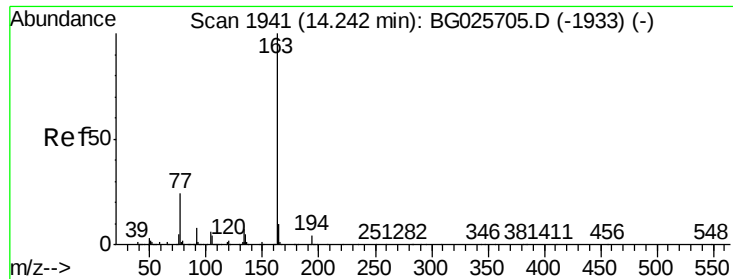
#44
 2-Fluorobiphenyl
 Concen: 101.97 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025974.D
 Acq: 27 Feb 2017 21:49

Tgt Ion:172 Resp: 1927898
 Ion Ratio Lower Upper
 172 100
 171 39.8 32.2 48.2
 170 26.2 21.8 32.6



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: 4.39 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

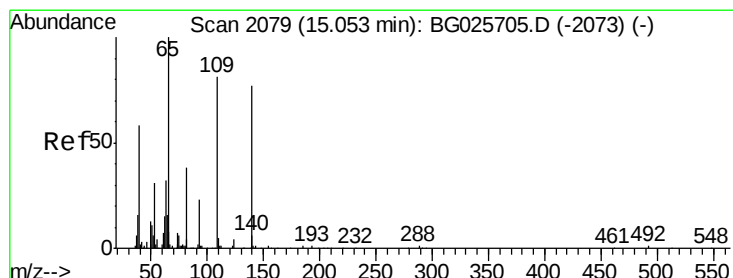
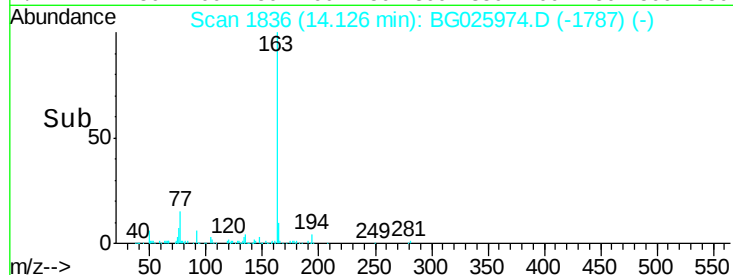
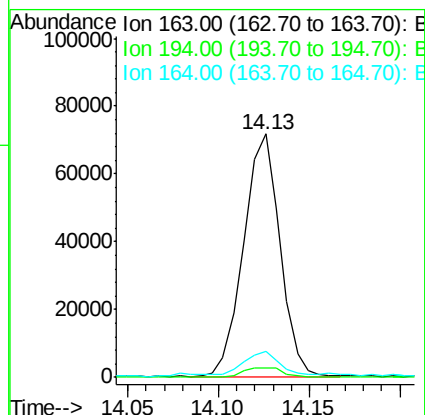
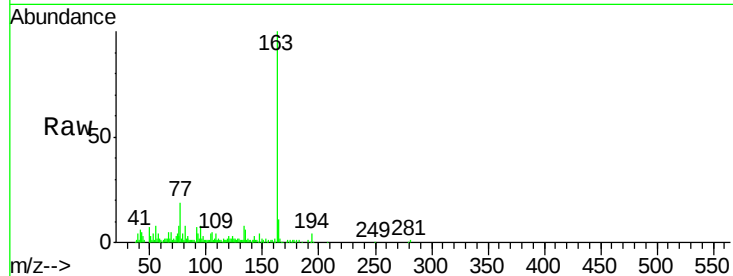
Instrument :

BNA_G

ClientSampleId :

UST-TWP

Tgt Ion:	163	Resp:	99493
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.8	5.6#
164	10.8	9.3	13.9



#55

4-Nitrophenol

Concen: 3.16 ng

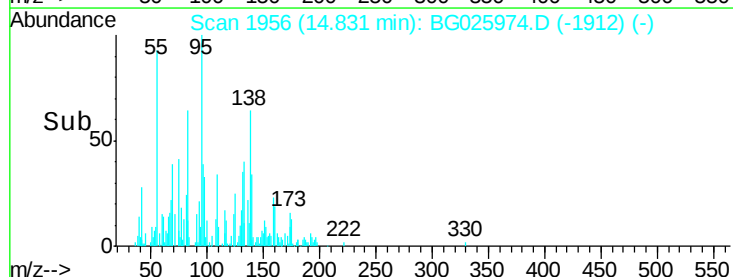
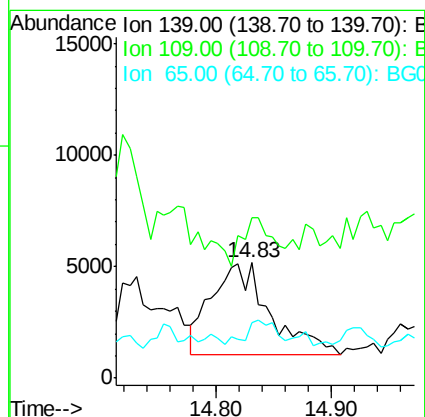
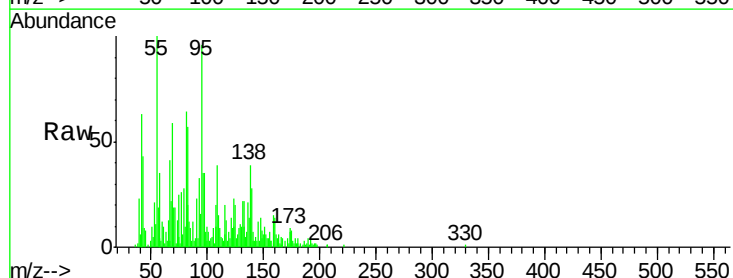
RT: 14.83 min Scan# 1956

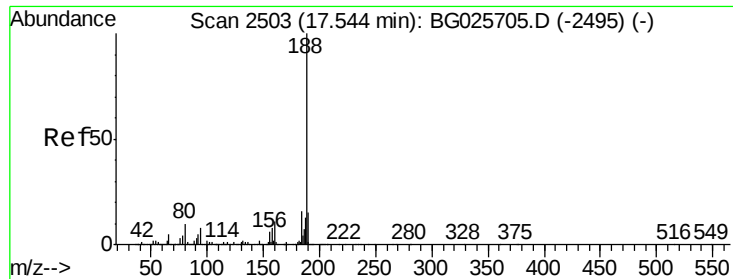
Delta R.T. -0.04 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

Tgt Ion:	139	Resp:	14630
Ion Ratio	Lower	Upper	
139	100		
109	139.0	101.2	141.2
65	47.9	135.3	175.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

Instrument :

BNA_G

ClientSampleId :

UST-TWP

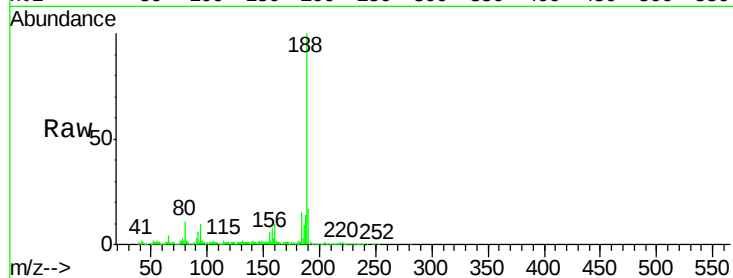
Tgt Ion:188 Resp: 790046

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

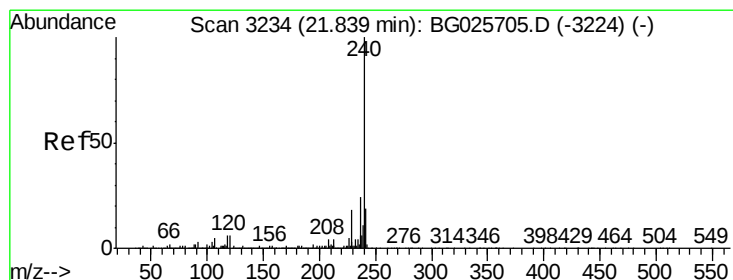
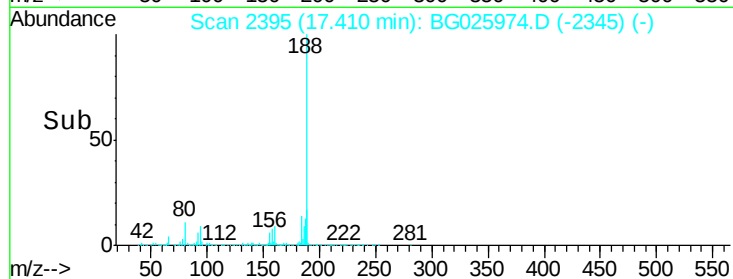
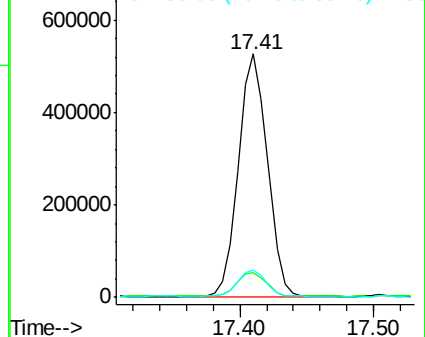
80 11.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

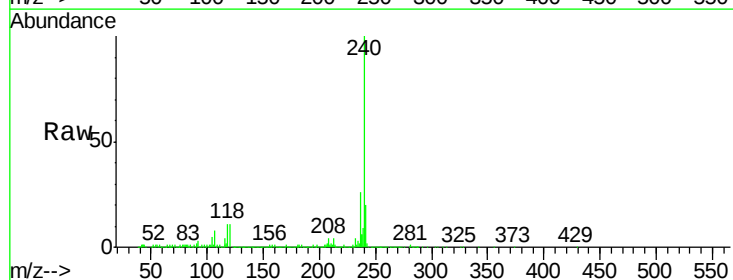
Tgt Ion:240 Resp: 813681

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

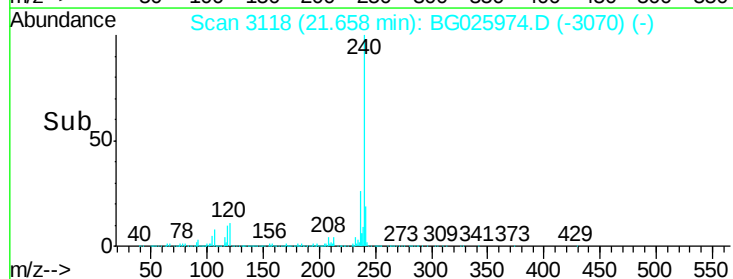
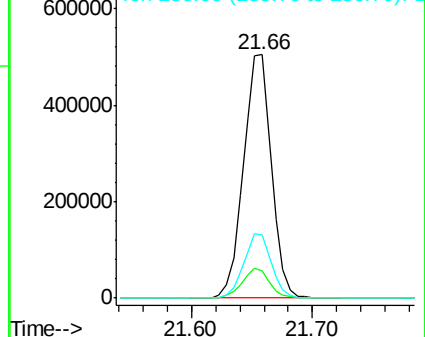
236 25.7 22.2 33.4

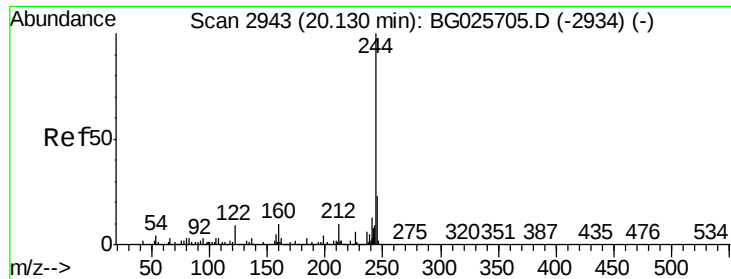


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.13 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

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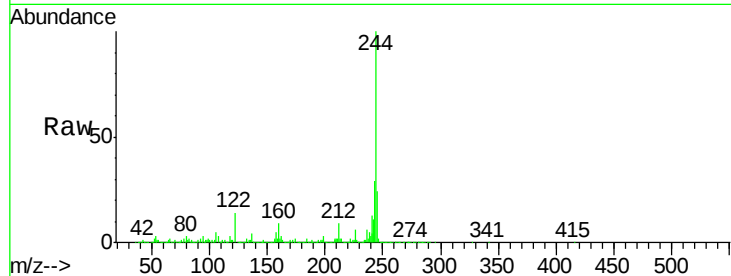
Tgt Ion:244 Resp: 2580473

Ion Ratio Lower Upper

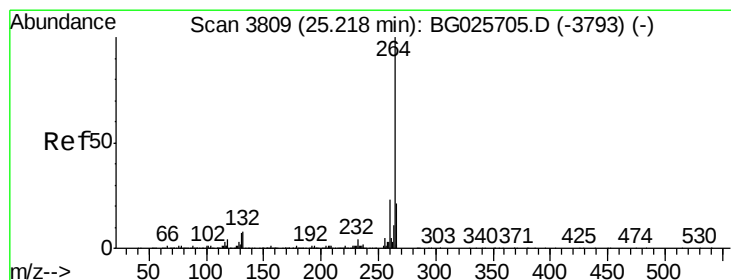
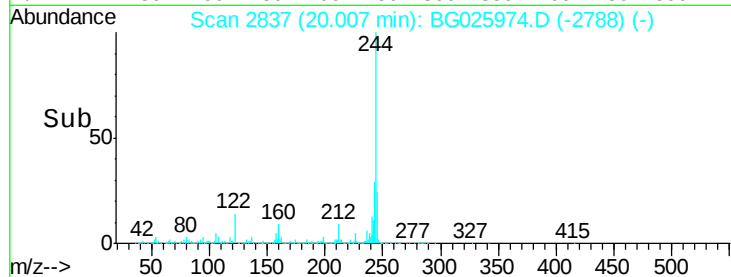
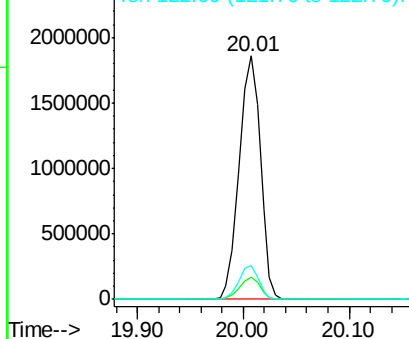
244 100

212 9.2 10.0 15.0#

122 14.0 8.6 12.8#



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: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG025974.D

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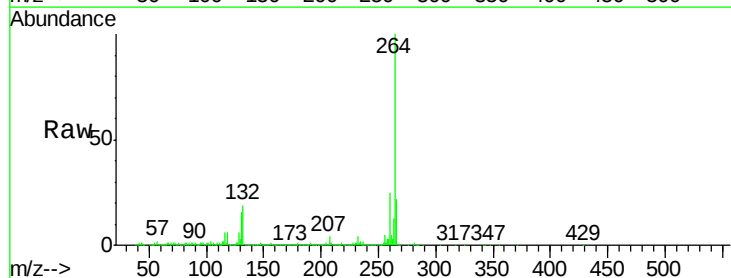
Tgt Ion:264 Resp: 799424

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 22.0 18.2 27.4



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

