

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 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 02:32:42 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

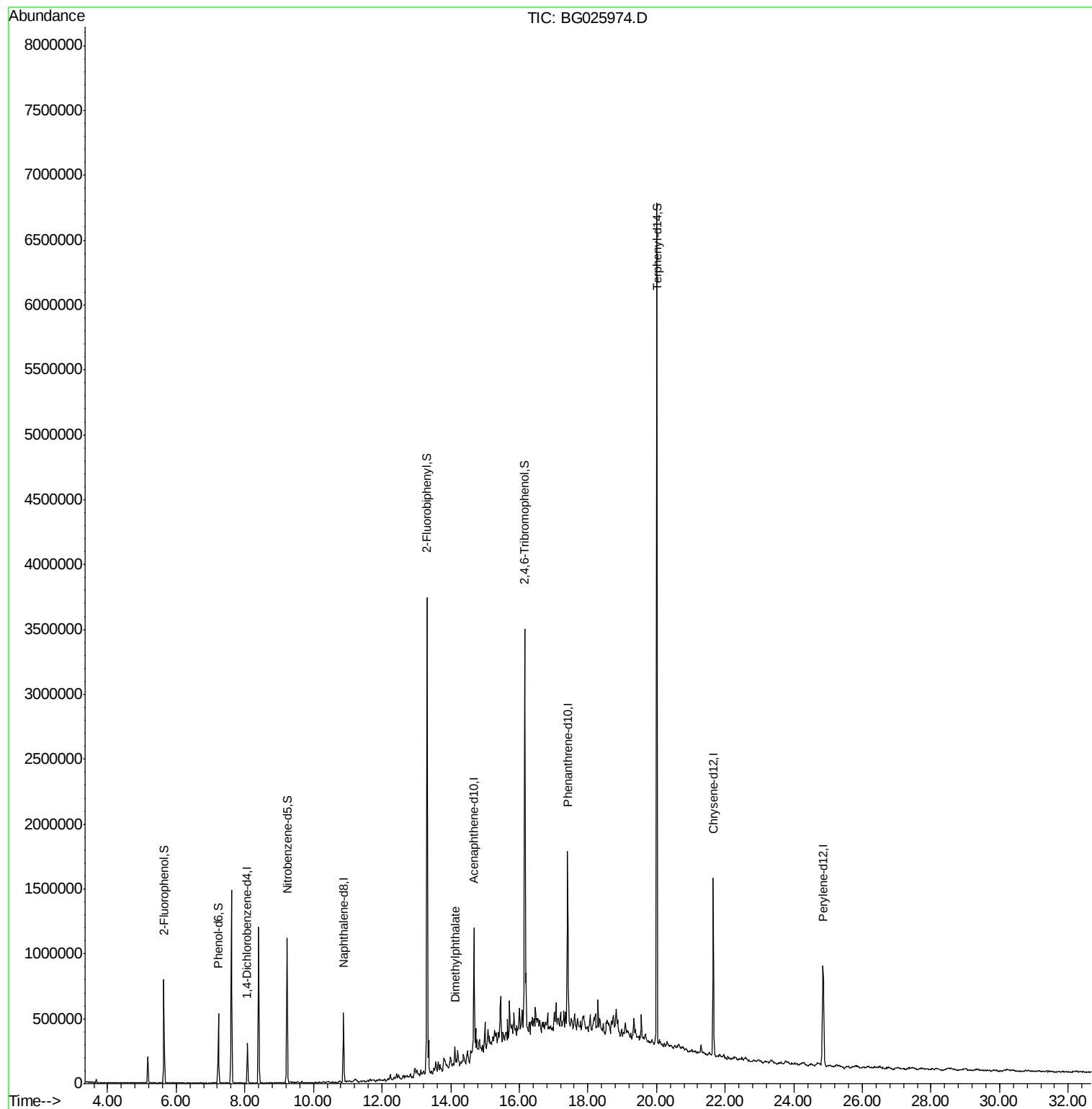
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	93994	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	483594	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	330381	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	790046	20.00	ng	0.00
75) Chrysene-d12	21.66	240	813681	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	Qvalue # 98

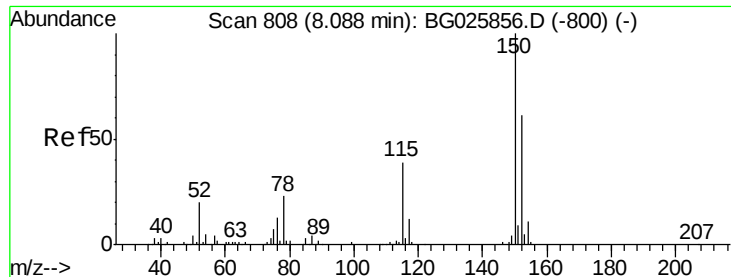
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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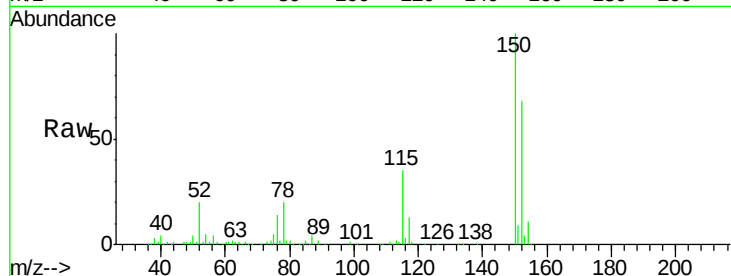


#1

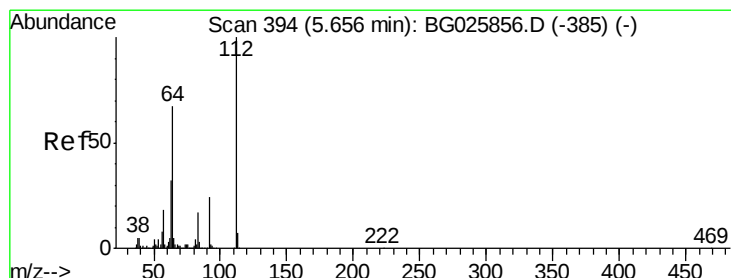
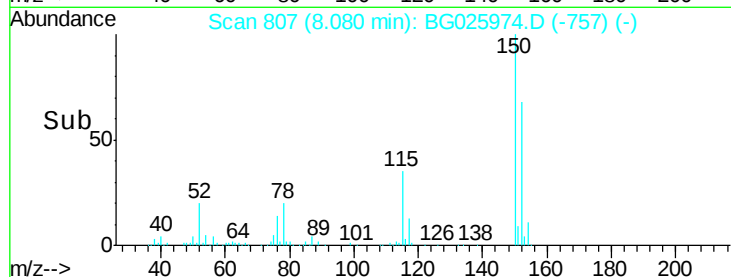
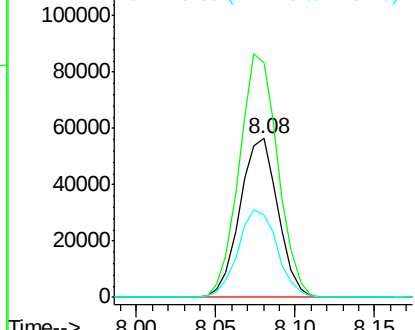
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

Instrument :
BNA_G
ClientSampleId :
UST-TWP

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	114.0	171.0
115	52.0	48.1	72.1



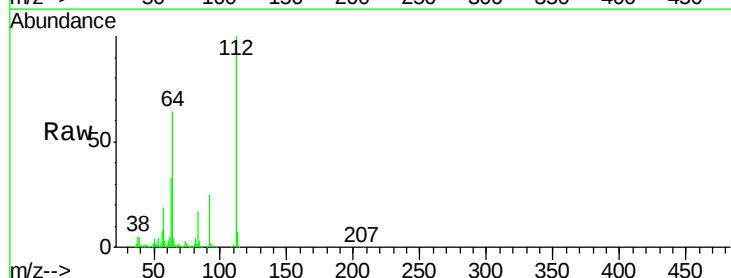
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



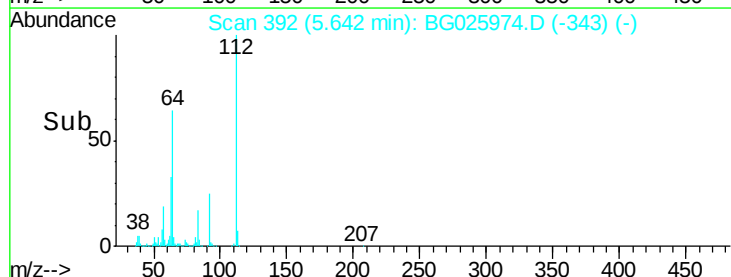
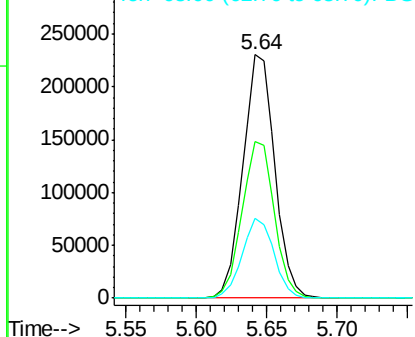
#5

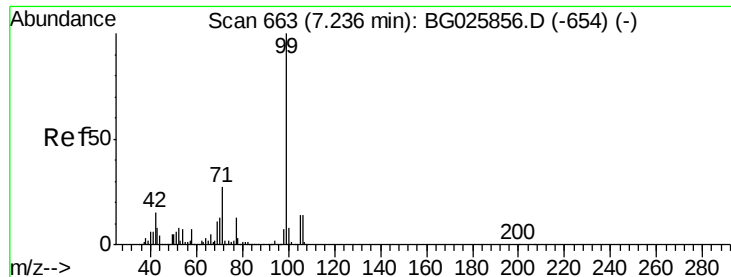
2-Fluorophenol
Concen: 67.52 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

Tgt Ion	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#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

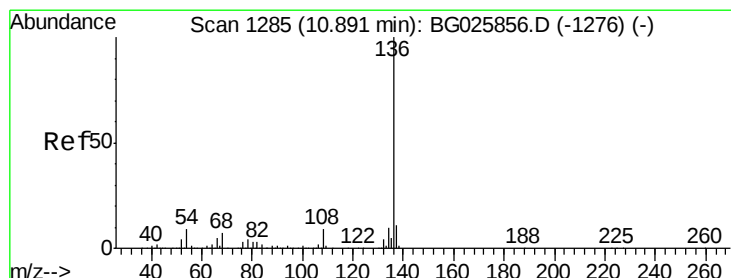
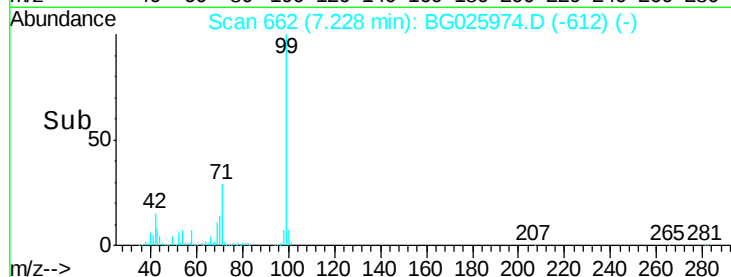
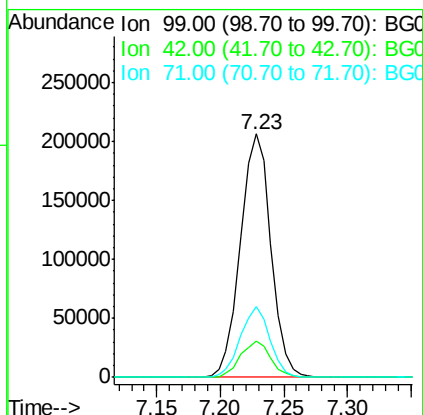
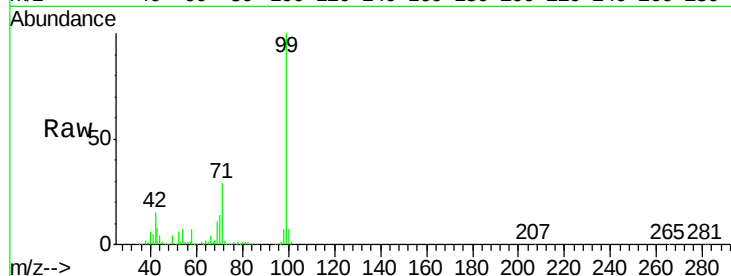
Tot Ion: 99 Resp: 343723

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

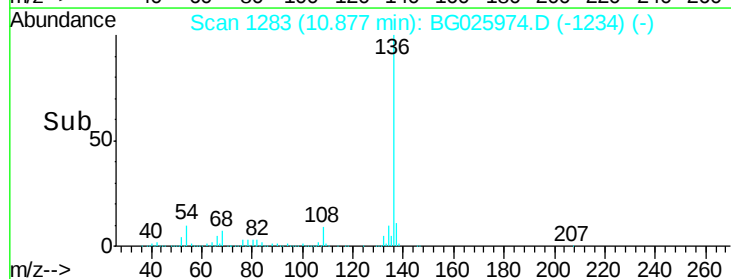
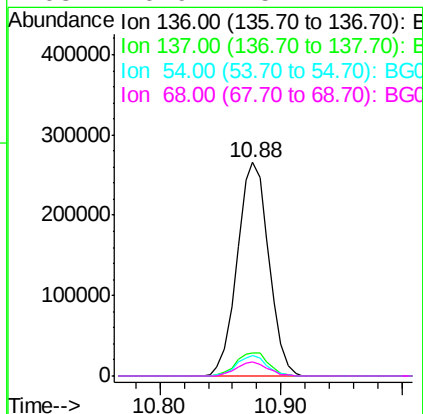
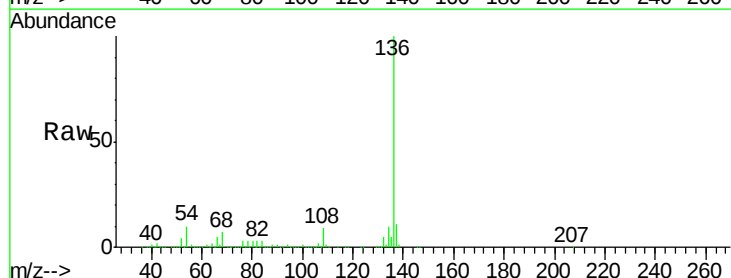
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 9.3 13.9

68 6.9 5.1 7.7

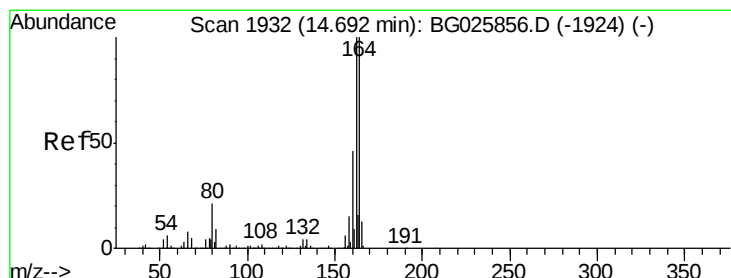
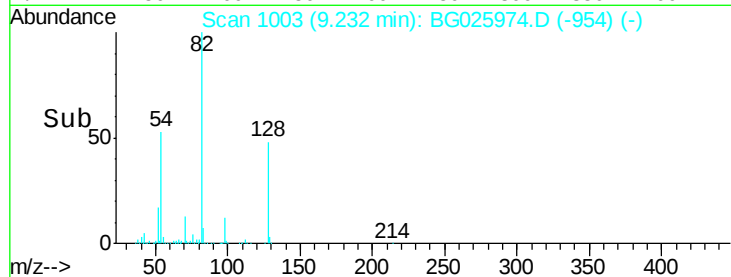
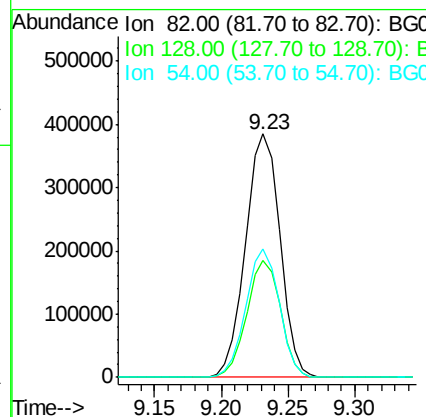
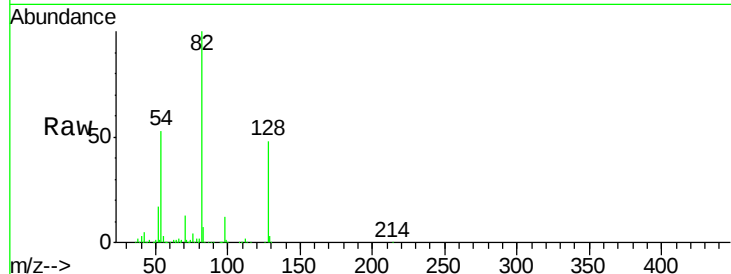




#23
Nitrobenzene-d5
Concen: 89.61 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

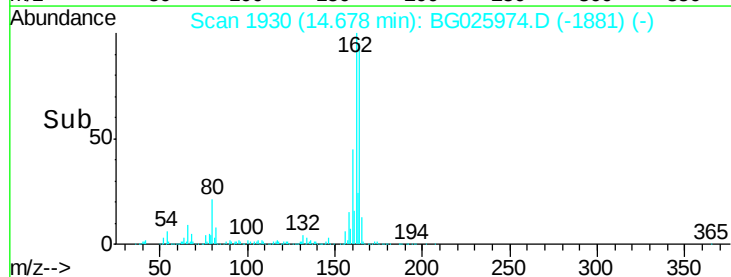
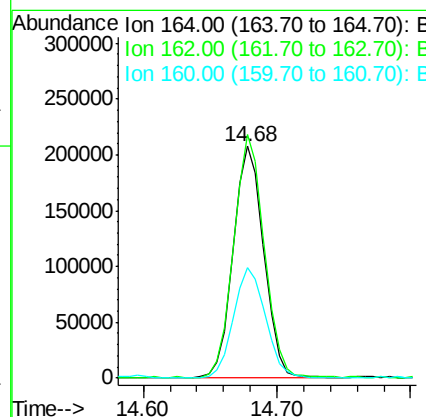
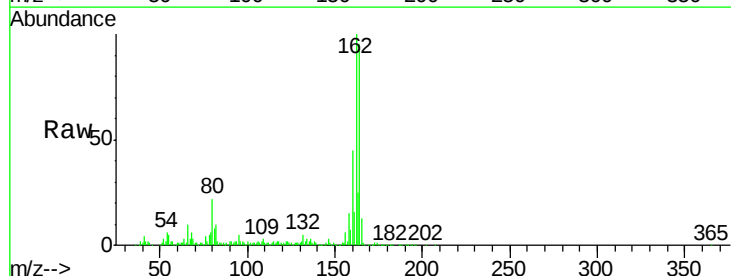
Instrument :
BNA_G
ClientSampleId :
UST-TWP

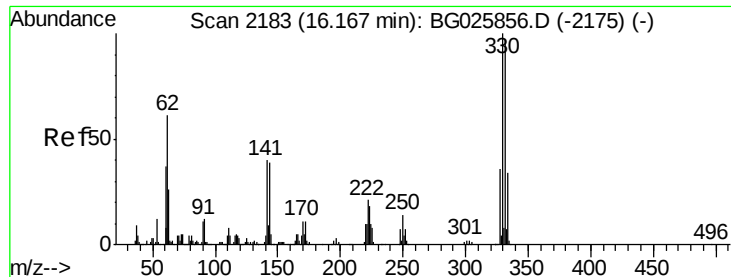
Tot Ion: 82 Resp: 686701
Ion Ratio Lower Upper
82 100
128 47.9 26.4 39.6#
54 52.9 49.4 74.2



#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

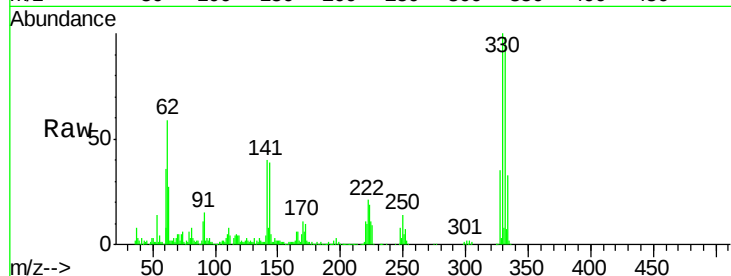




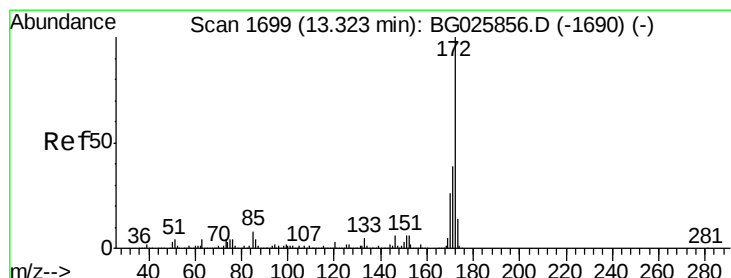
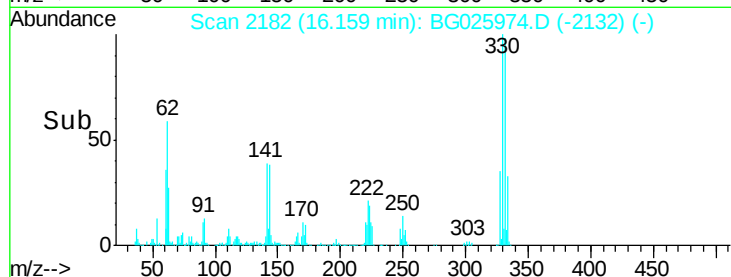
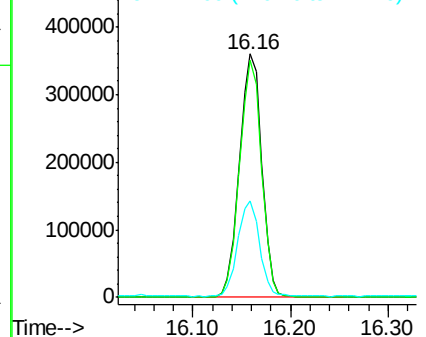
#41
2,4,6-Tribromophenol
Concen: 187.73 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

Instrument :
BNA_G
ClientSampleId :
UST-TWP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	38.8	32.1	48.1

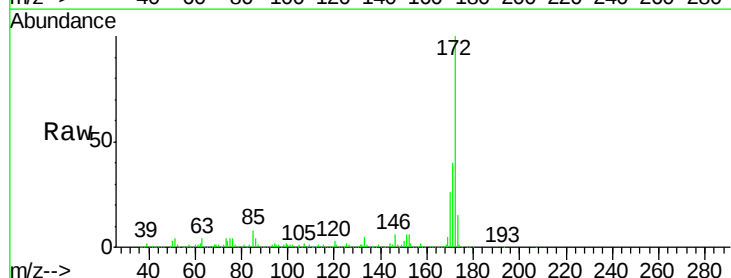


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

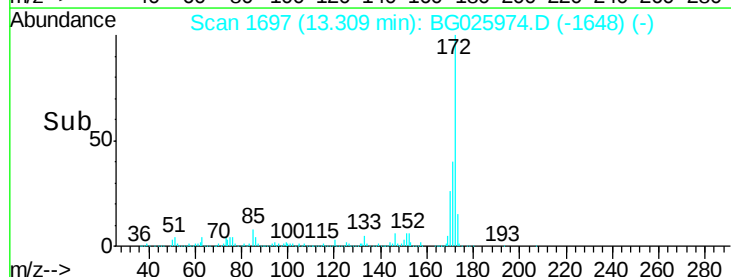
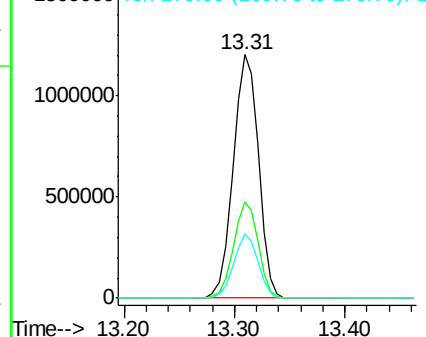


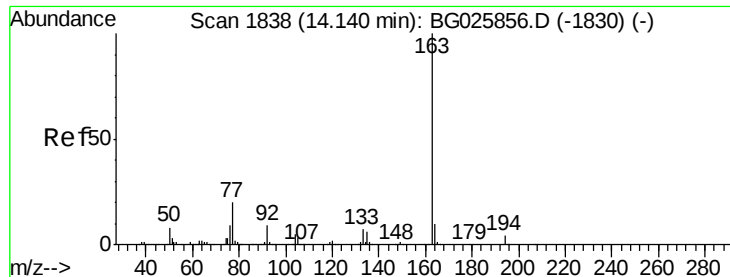
#44
2-Fluorobiphenyl
Concen: 101.97 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

Tgt Ion	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

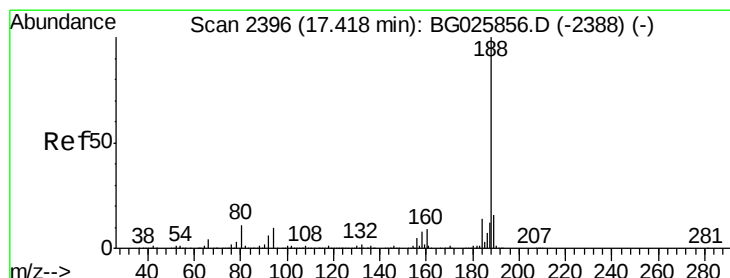
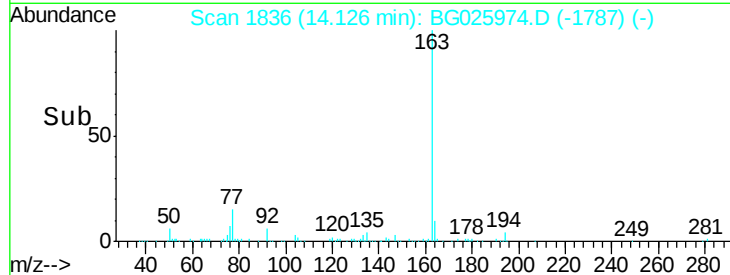
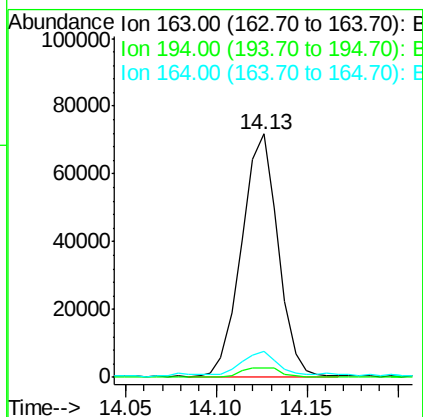
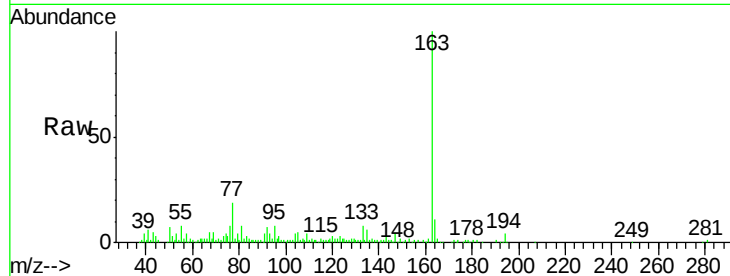




#49
Dimethylphthalate
Concen: 4.39 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025974.D
Acq: 27 Feb 2017 21:49

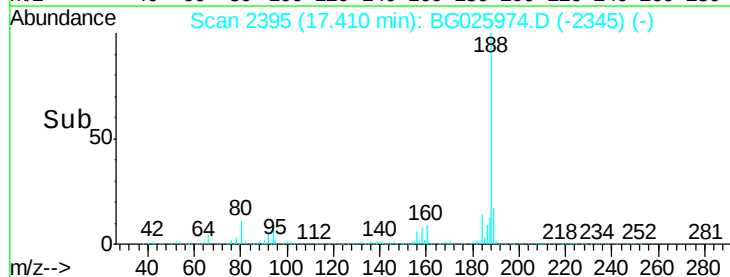
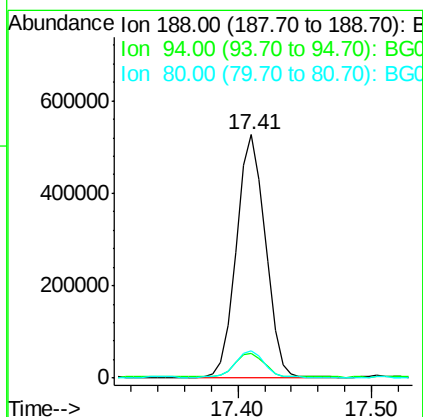
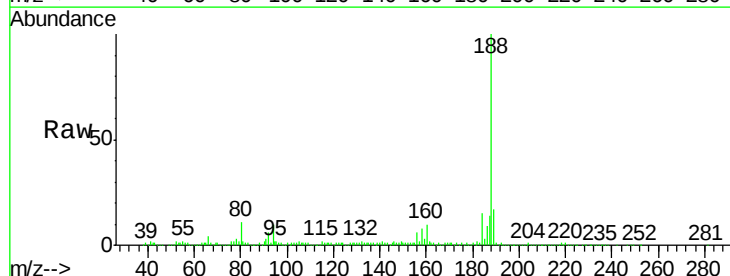
Instrument :
BNA_G
ClientSampleId :
UST-TWP

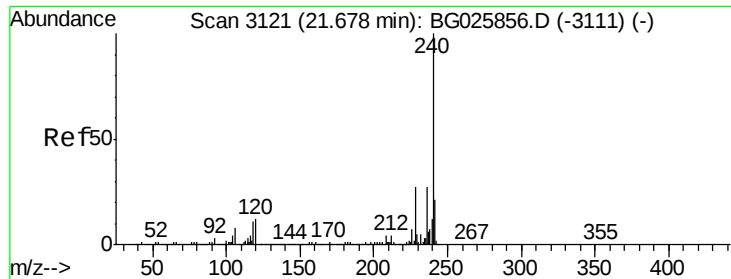
Tot Ion:163 Resp: 99493
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 10.8 9.3 13.9



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

UST-TWP

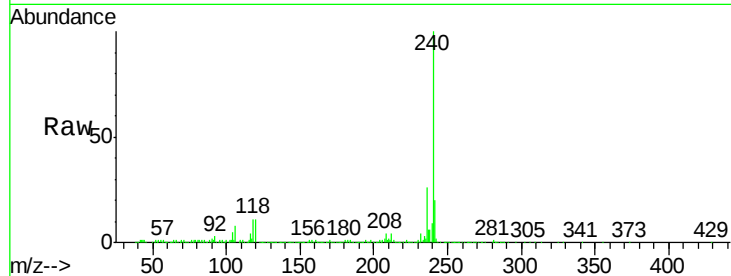
Tot Ion:240 Resp: 813681

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

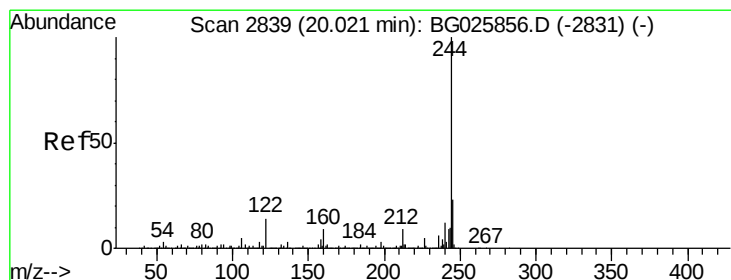
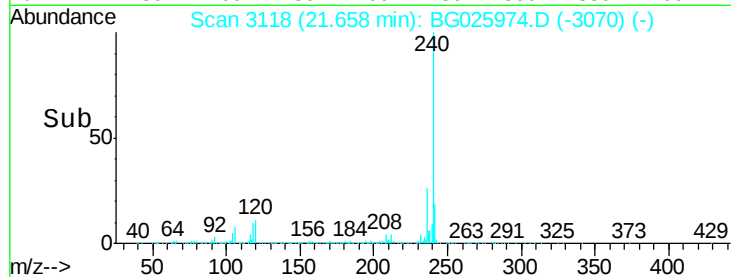
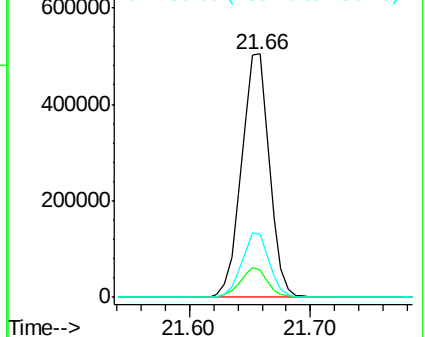
236 25.7 22.2 33.4



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

Lab File: BG025974.D

Acq: 27 Feb 2017 21:49

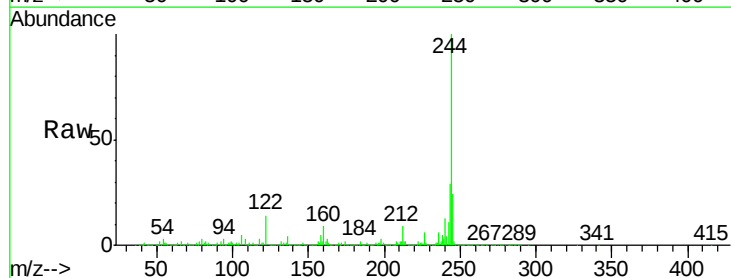
Tgt Ion:244 Resp: 2580473

Ion Ratio Lower Upper

244 100

212 9.2 10.0 15.0#

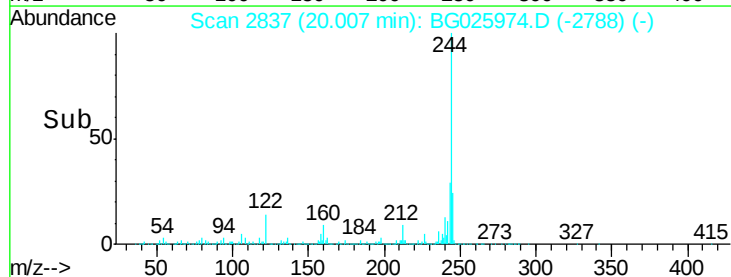
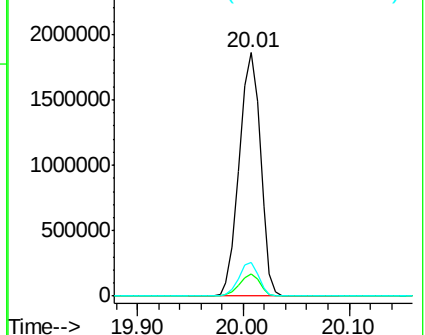
122 14.0 8.6 12.8#

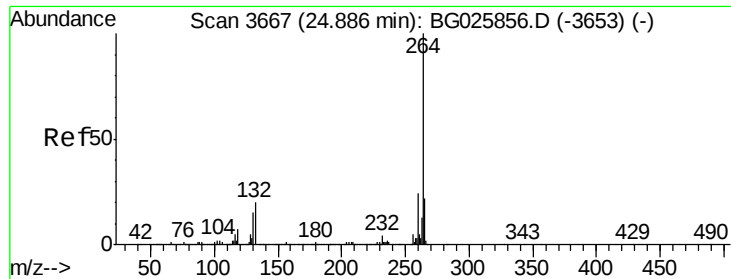


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

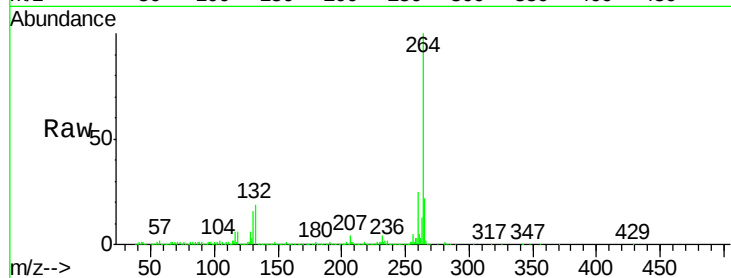




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3662
 Delta R.T. -0.03 min
 Lab File: BG025974.D
 Acq: 27 Feb 2017 21:49

Instrument :
 BNA_G
 ClientSampleId :
 UST-TWP

Tot 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

