

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028900.D
 Acq On : 23 Sep 2017 16:18
 Operator : SJ/JU
 Sample : I5297-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091517-TIDO-E-U-M

Quant Time: Sep 25 02:25:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26422	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	108144	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	79904	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	254316	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	313827	20.00	ng	-0.07
86) Perylene-d12	25.41	264	324501	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	72479	45.26	ng	-0.05
7) Phenol-d6	7.43	99	63708	26.42	ng	-0.06
23) Nitrobenzene-d5	9.45	82	222879	98.59	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	160343	121.33	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	599917	100.11	ng	-0.05
78) Terphenyl-d14	20.23	244	1360932	92.48	ng	-0.05

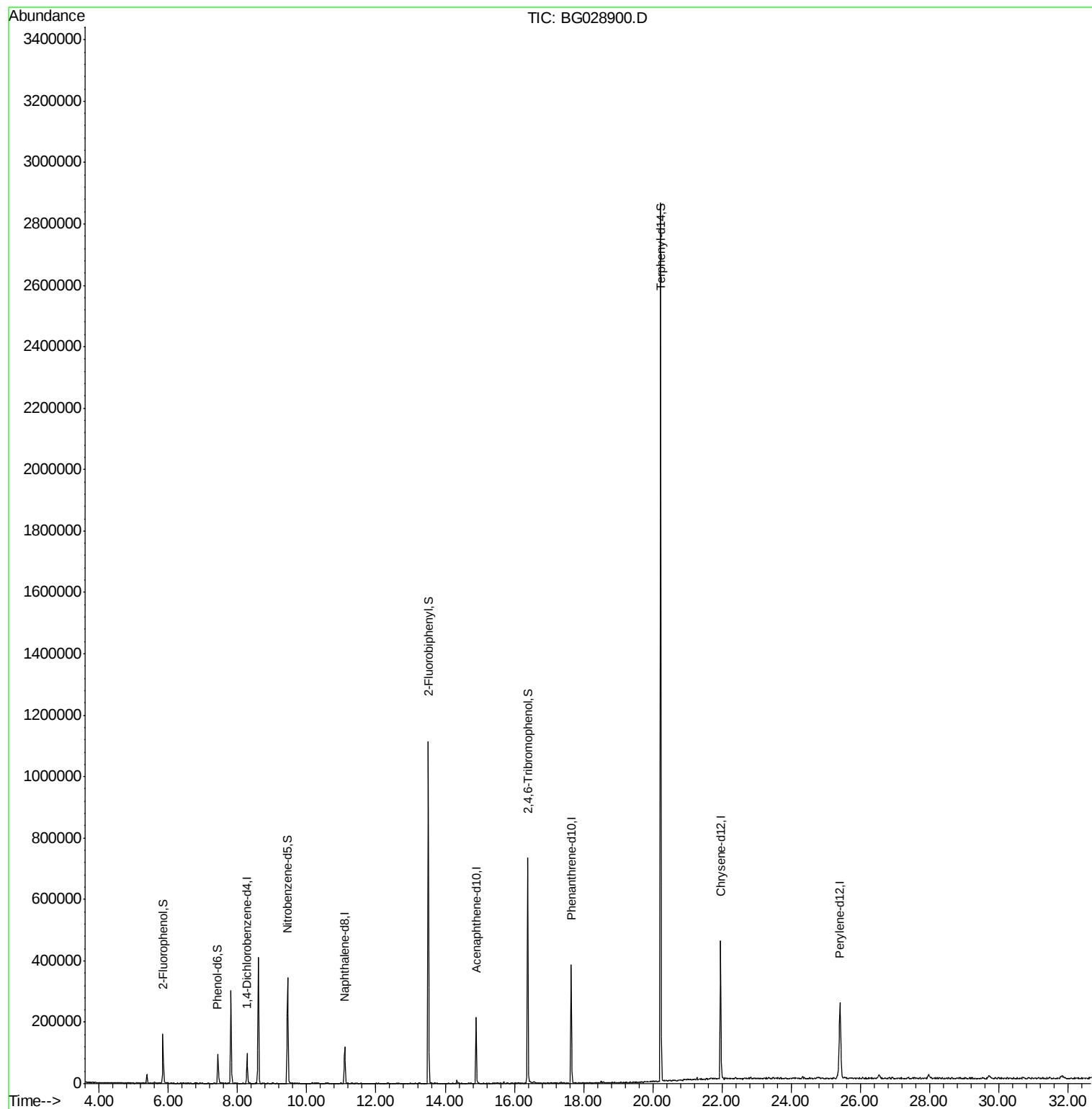
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028900.D

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BNA_G

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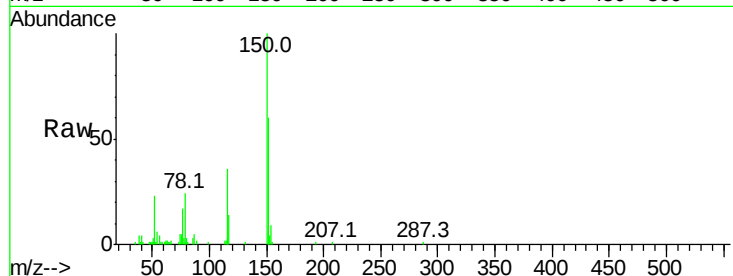
Tot Ion:152 Resp: 26422

Ion Ratio Lower Upper

152 100

150 167.6 114.0 171.0

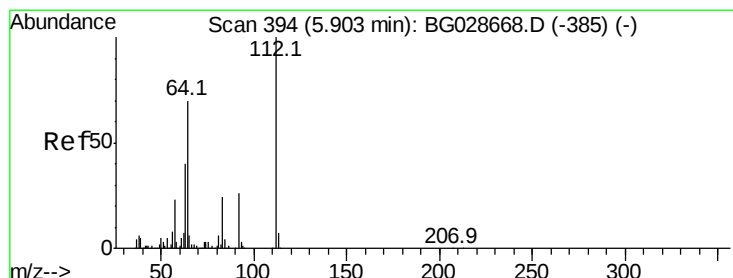
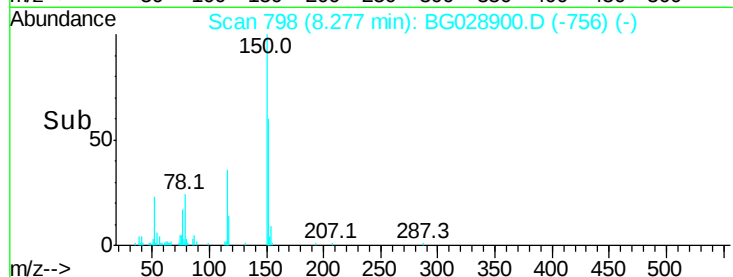
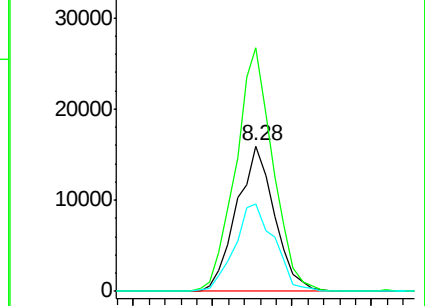
115 60.1 48.1 72.1



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: 45.263 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

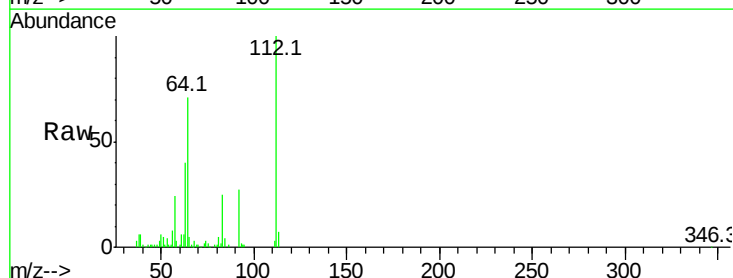
Tgt Ion:112 Resp: 72479

Ion Ratio Lower Upper

112 100

64 70.6 61.8 92.6

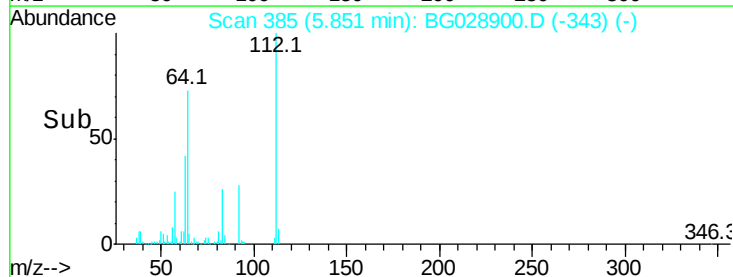
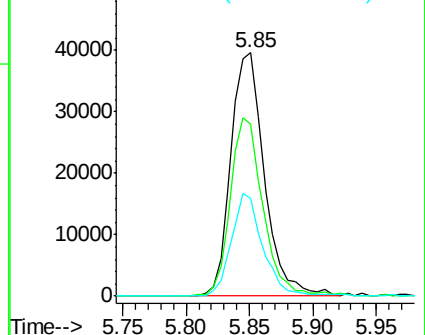
63 40.4 37.2 55.8

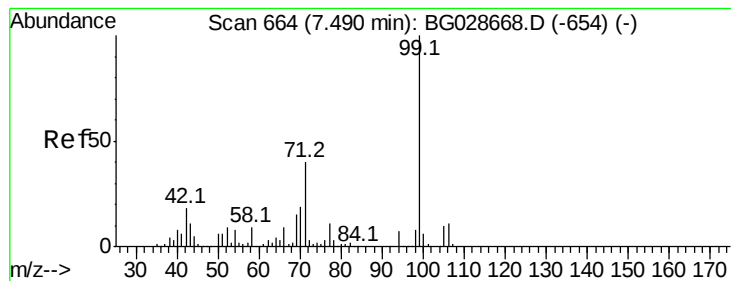


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 26.425 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

Instrument :

BNA_G

ClientSampleId :

091517-TIDO-E-U-M

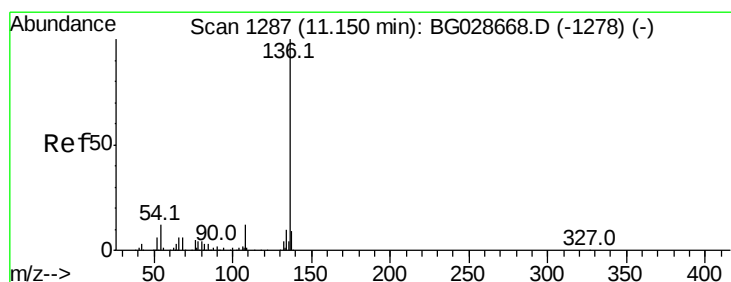
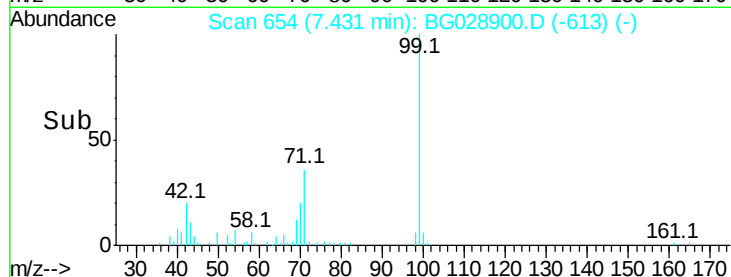
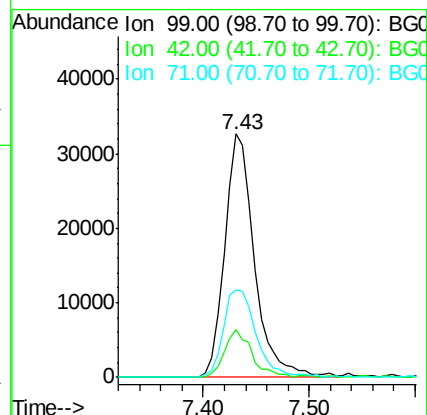
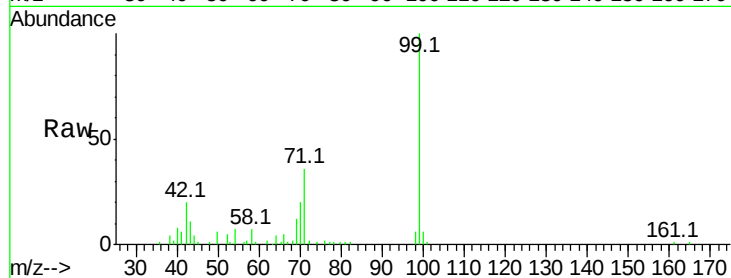
Tot Ion: 99 Resp: 63708

Ion Ratio Lower Upper

99 100

42 19.8 20.5 30.7#

71 36.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

Tgt Ion: 136 Resp: 108144

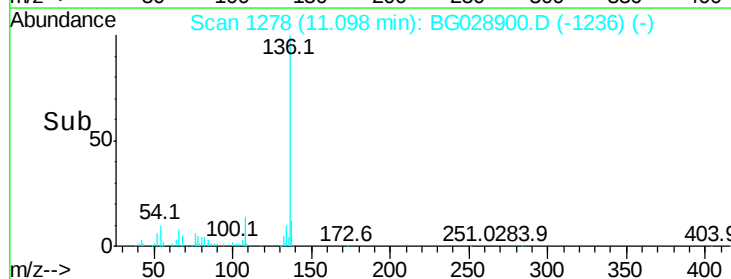
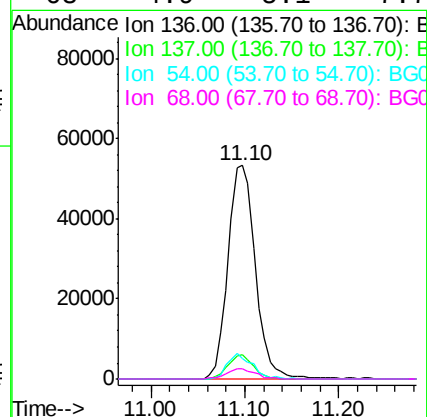
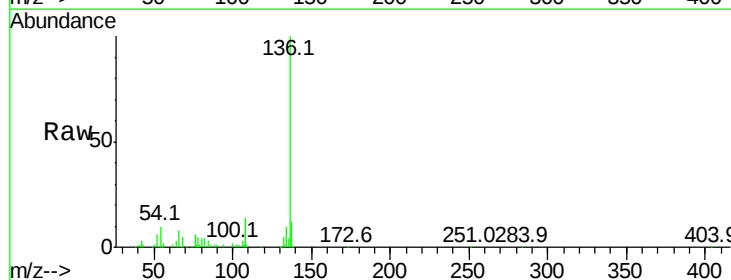
Ion Ratio Lower Upper

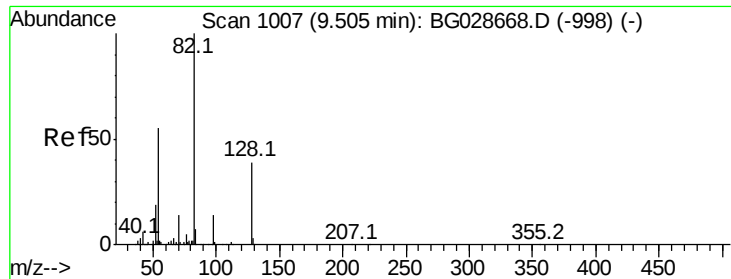
136 100

137 11.7 8.9 13.3

54 9.9 9.3 13.9

68 4.9 5.1 7.7#

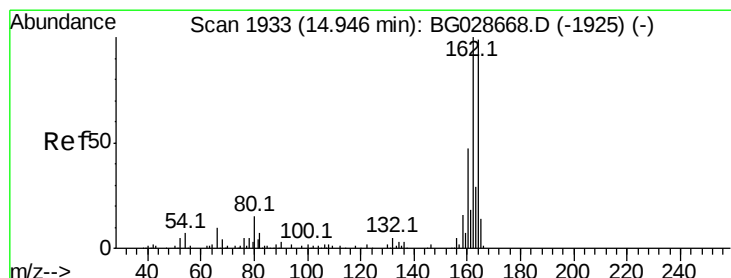
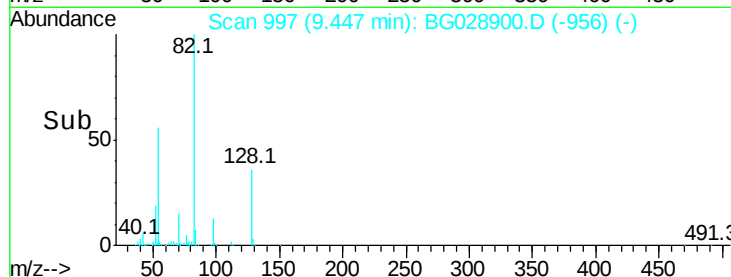
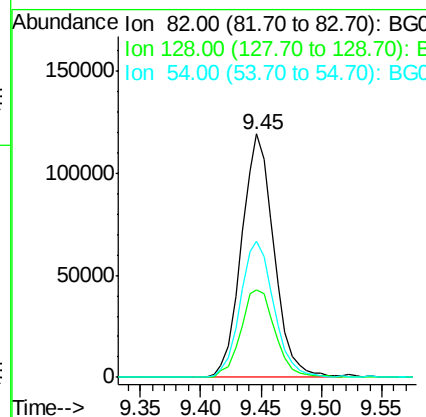
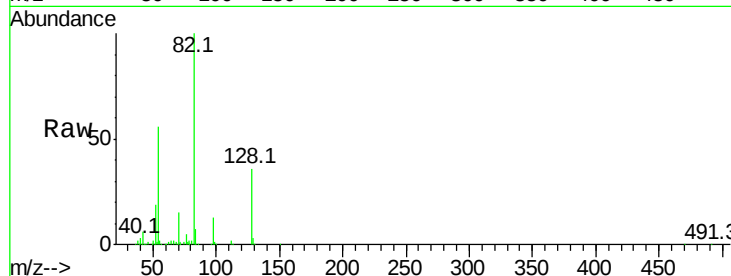




#23
Nitrobenzene-d5
Concen: 98.590 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

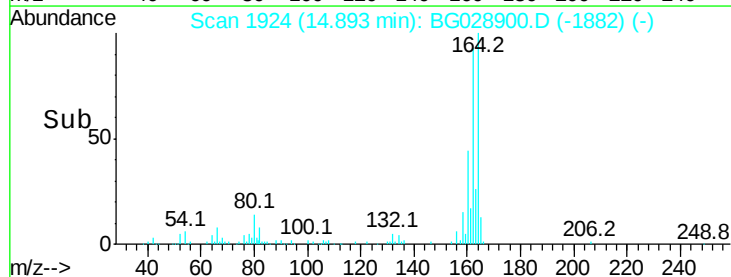
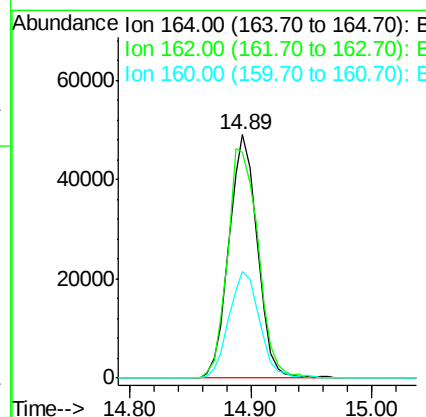
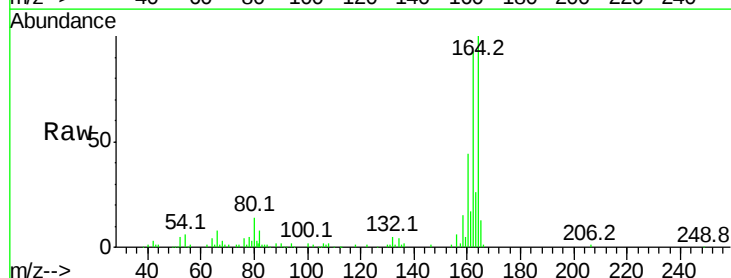
Instrument :
BNA_G
ClientSampleId :
091517-TIDO-E-U-M

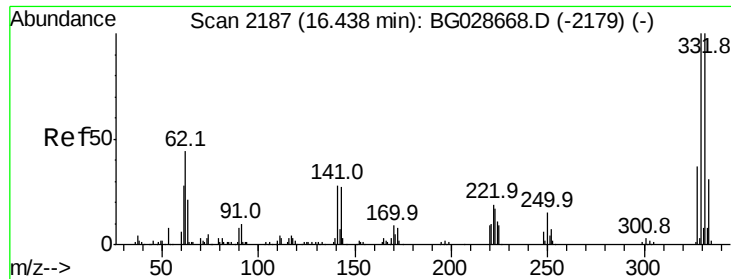
Tot Ion: 82 Resp: 222879
Ion Ratio Lower Upper
82 100
128 35.8 26.4 39.6
54 55.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion: 164 Resp: 79904
Ion Ratio Lower Upper
164 100
162 92.7 85.1 127.7
160 43.8 34.7 52.1

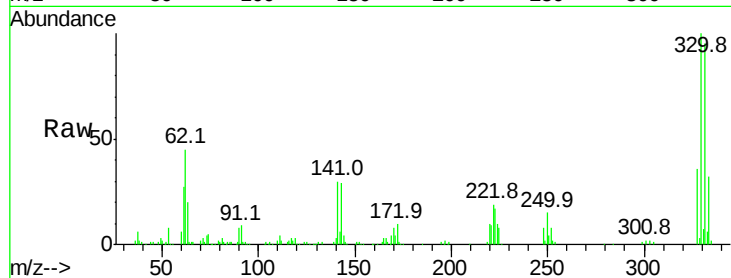




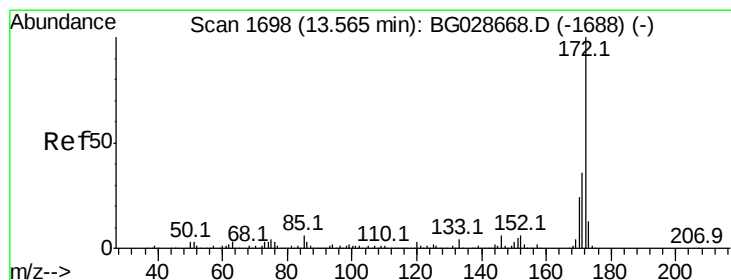
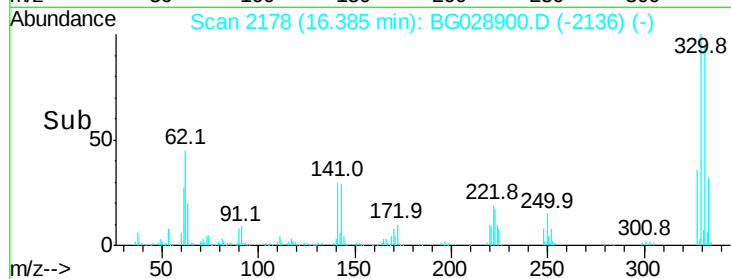
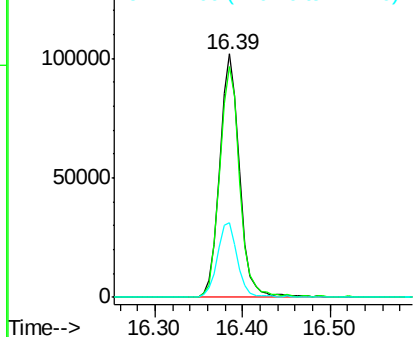
#41
 2,4,6-Tribromophenol
 Concen: 121.328 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028900.D
 Acq: 23 Sep 2017 16:18

Instrument :
 BNA_G
 ClientSampleId :
 091517-TIDO-E-U-M

Tot Ion:330 Resp: 160343
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 31.1 32.1 48.1#

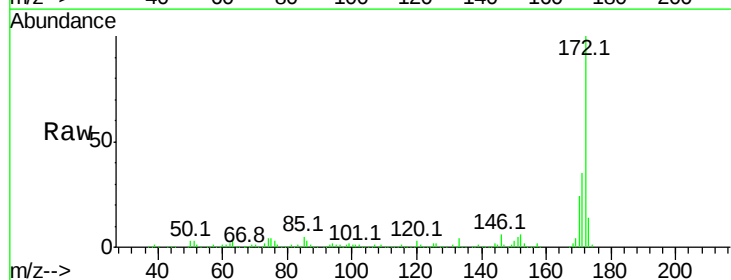


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

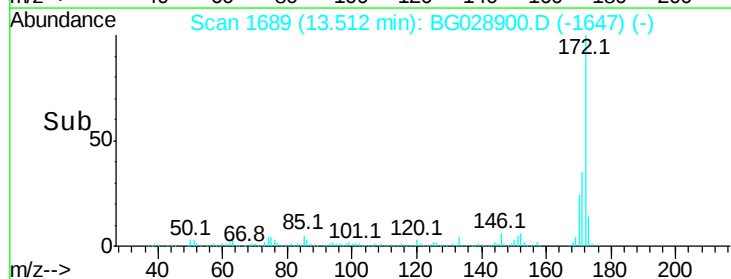
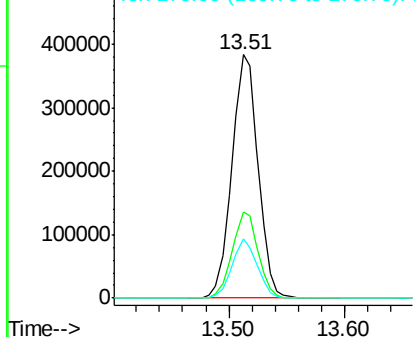


#44
 2-Fluorobiphenyl
 Concen: 100.113 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028900.D
 Acq: 23 Sep 2017 16:18

Tgt Ion:172 Resp: 599917
 Ion Ratio Lower Upper
 172 100
 171 35.5 32.2 48.2
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

Instrument :

BNA_G

ClientSampleId :

091517-TIDO-E-U-M

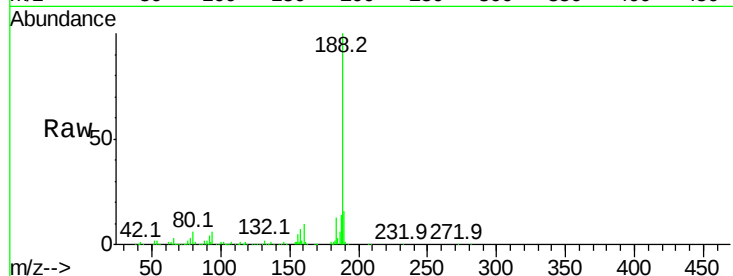
Tot Ion:188 Resp: 254316

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

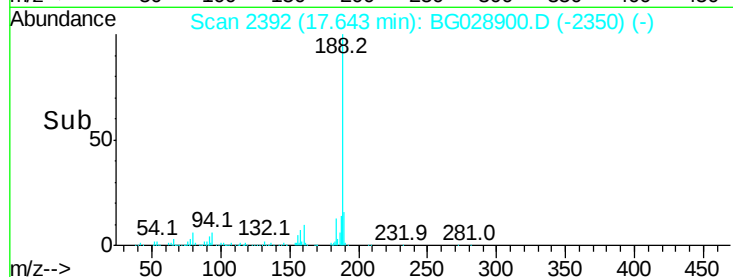
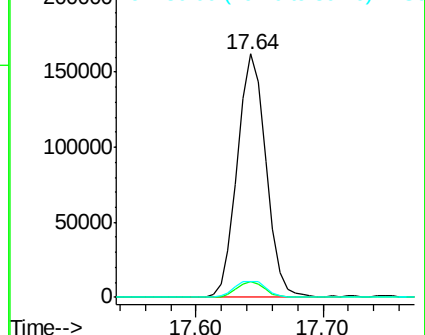
80 6.2 7.5 11.3#



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: 20.000 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

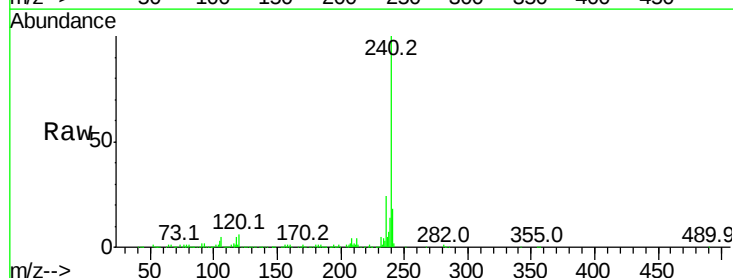
Tgt Ion:240 Resp: 313827

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

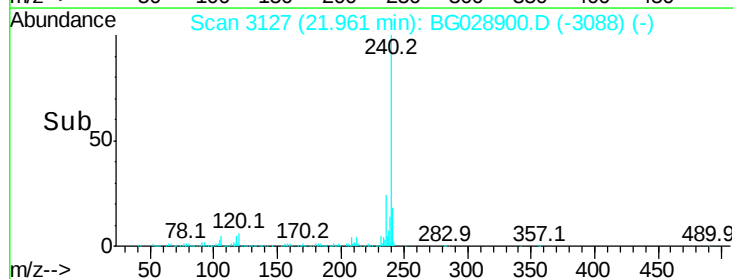
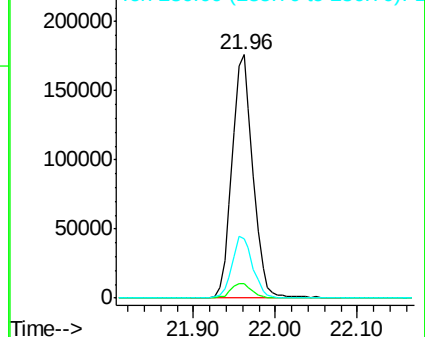
236 24.4 22.2 33.4

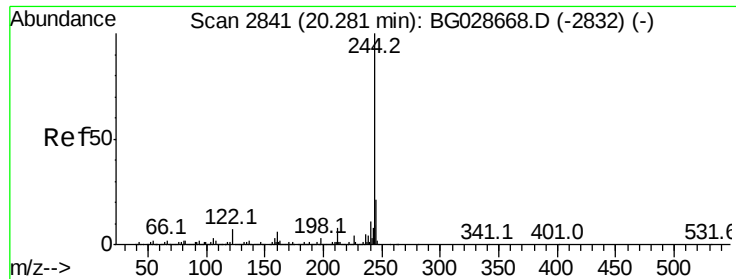


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.480 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

Instrument :

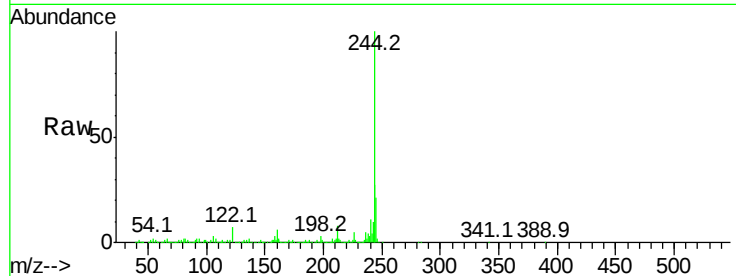
BNA_G

ClientSampleId :

091517-TIDO-E-U-M

Tot Ion:244 Resp: 1360932

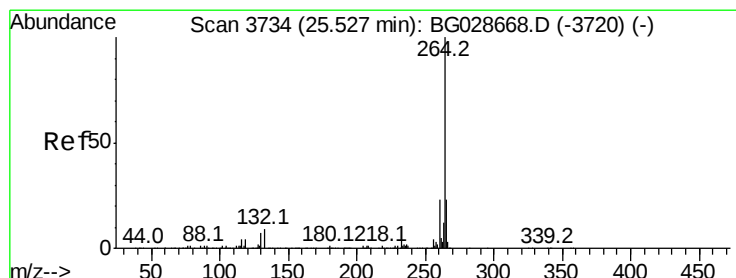
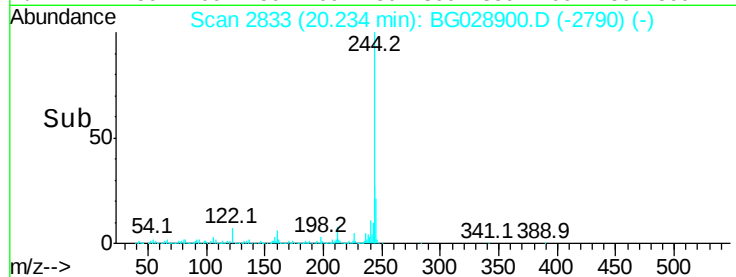
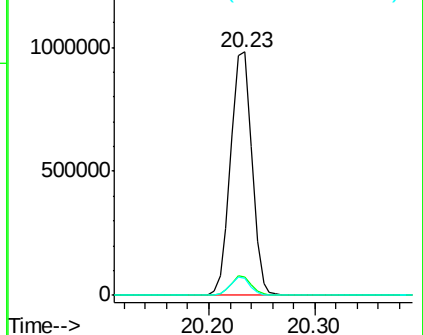
Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	6.9	8.6	12.8#



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: 20.000 ng

RT: 25.41 min Scan# 3714

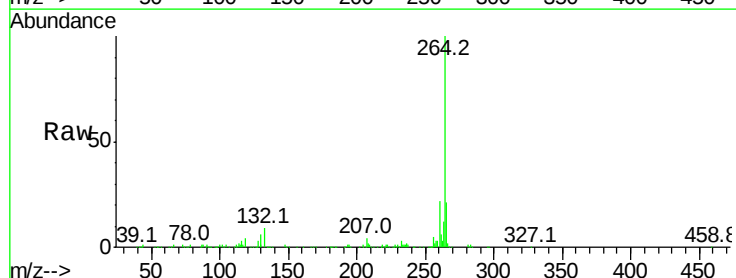
Delta R.T. -0.12 min

Lab File: BG028900.D

Acq: 23 Sep 2017 16:18

Tgt Ion:264 Resp: 324501

Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	21.1	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

