

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028873.D
 Acq On : 22 Sep 2017 1:02
 Operator : SJ/JU
 Sample : I5330-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01092017-COMP

Quant Time: Sep 22 02:47:35 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	8.29	152	34662	20.00	ng	-0.04
21) Naphthalene-d8	11.10	136	132745	20.00	ng	-0.05
38) Acenaphthene-d10	14.91	164	94641	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	260301	20.00	ng	-0.04
75) Chrysene-d12	21.99	240	256885	20.00	ng	-0.05
86) Perylene-d12	25.45	264	71386	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	298796	142.24	ng	-0.04
7) Phenol-d6	7.44	99	374363	118.36	ng	-0.05
23) Nitrobenzene-d5	9.46	82	280337	101.03	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	255552	163.26	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	733183	103.30	ng	-0.04
78) Terphenyl-d14	20.25	244	1372608	113.95	ng	-0.03

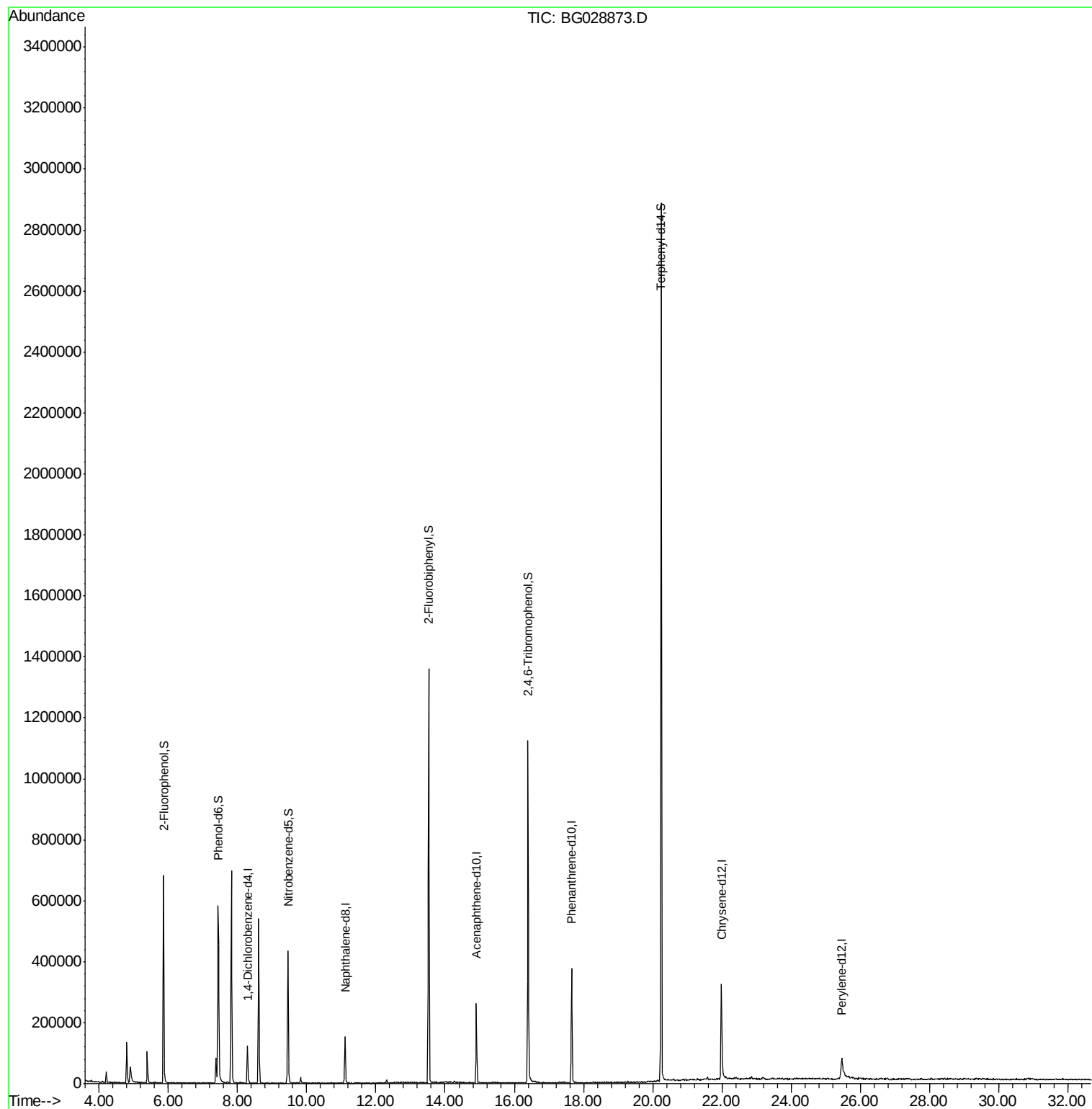
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

Instrument :

BNA_G

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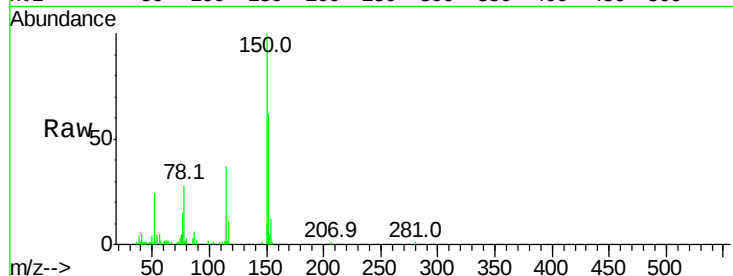
Tot Ion:152 Resp: 34662

Ion Ratio Lower Upper

152 100

150 161.1 114.0 171.0

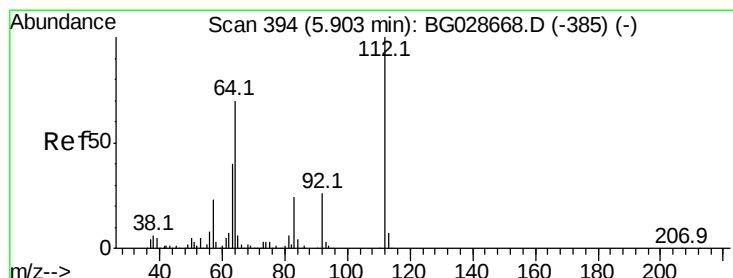
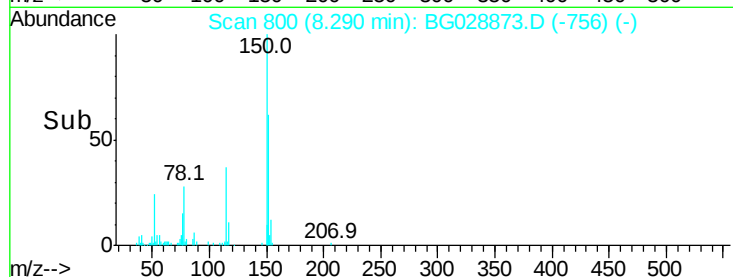
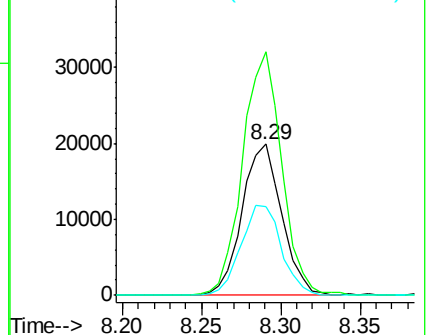
115 59.1 48.1 72.1



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: 142.239 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

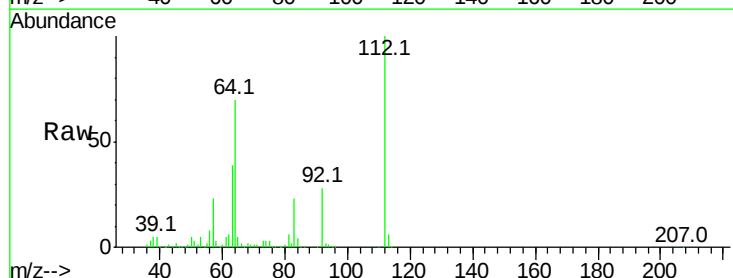
Tgt Ion:112 Resp: 298796

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

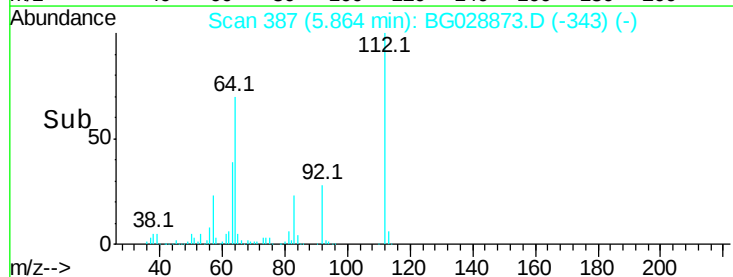
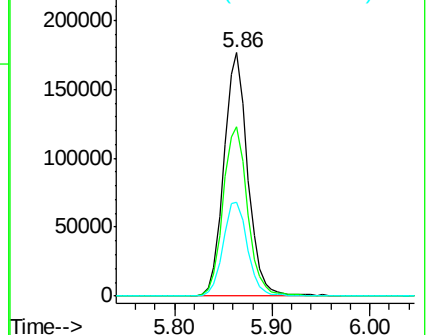
63 38.6 37.2 55.8

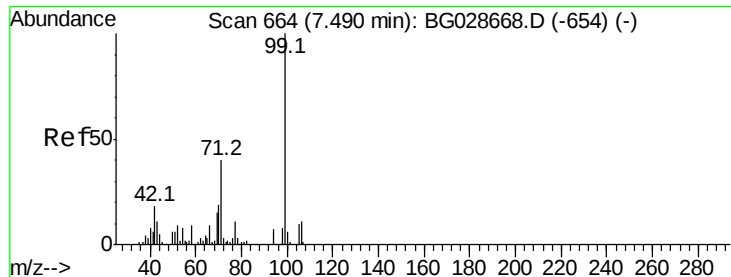


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.364 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

Instrument :

BNA_G

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HD-01092017-COMP

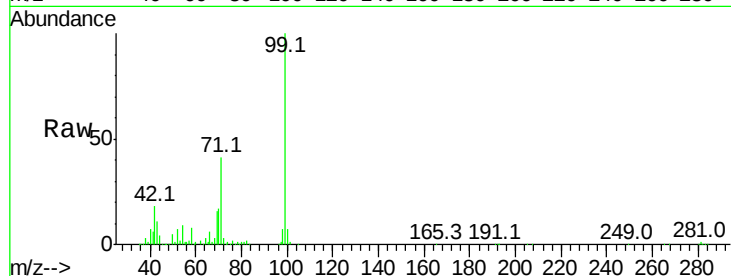
Tot Ion: 99 Resp: 374363

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

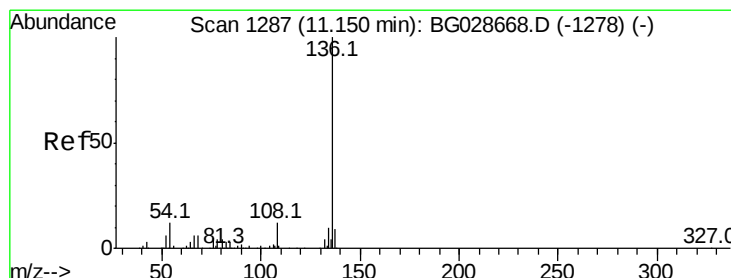
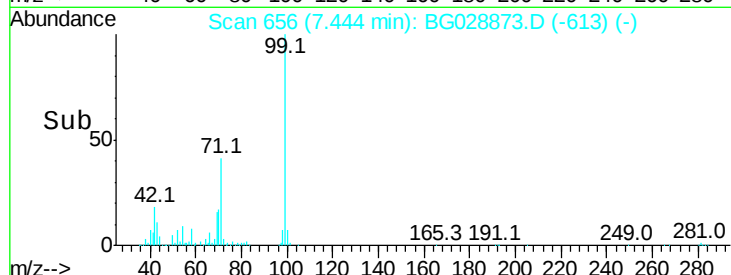
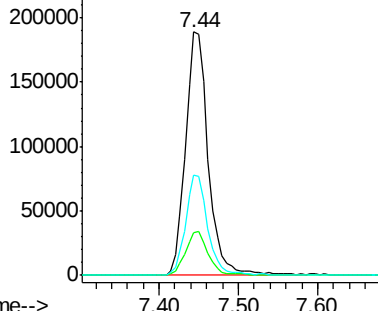
71 41.1 37.6 56.4



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: 20.000 ng

RT: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

Tgt Ion: 136 Resp: 132745

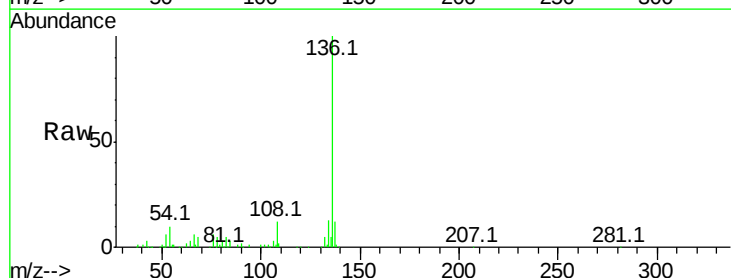
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 10.3 9.3 13.9

68 5.1 5.1 7.7#

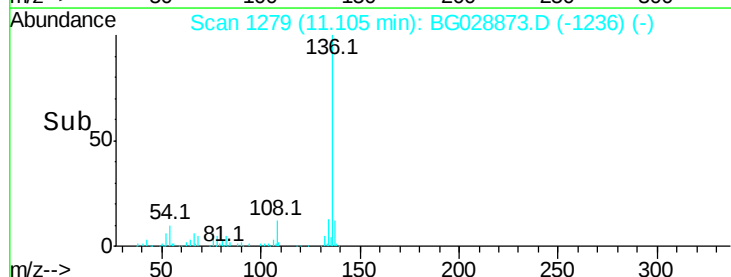
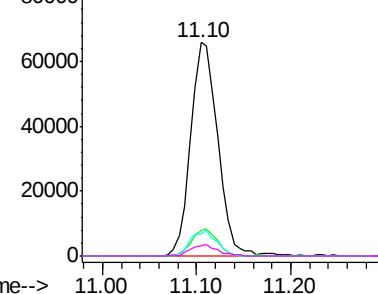


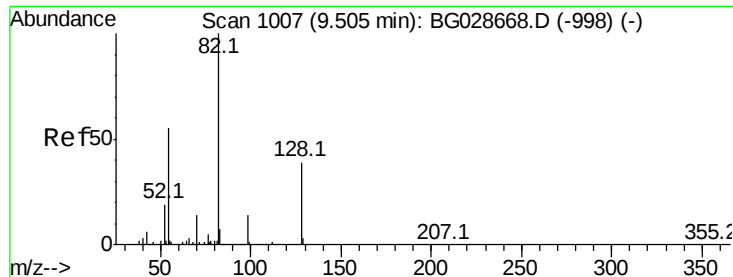
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

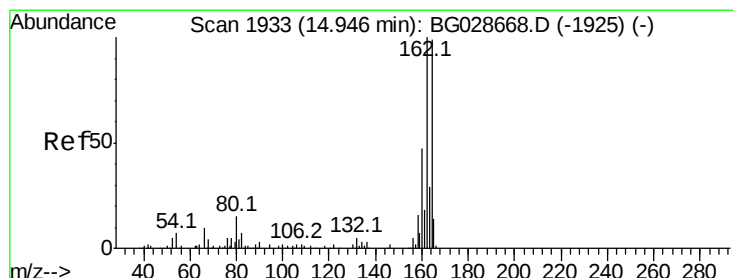
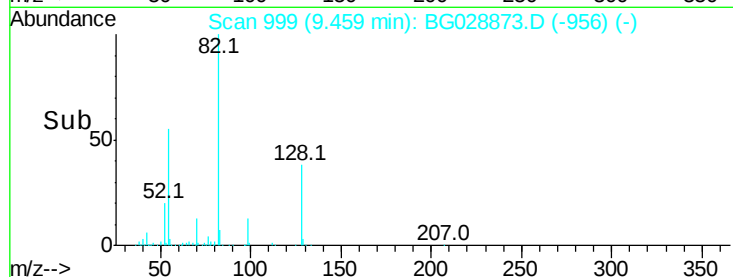
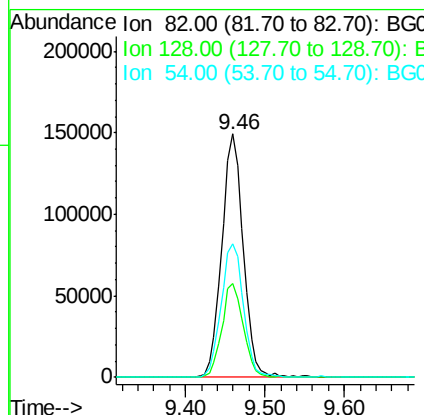
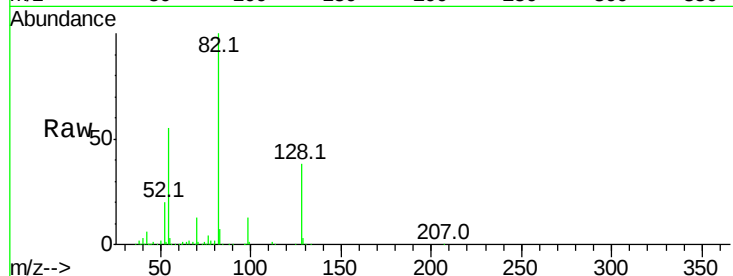




#23
Nitrobenzene-d5
Concen: 101.025 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028873.D
Acq: 22 Sep 2017 1:02

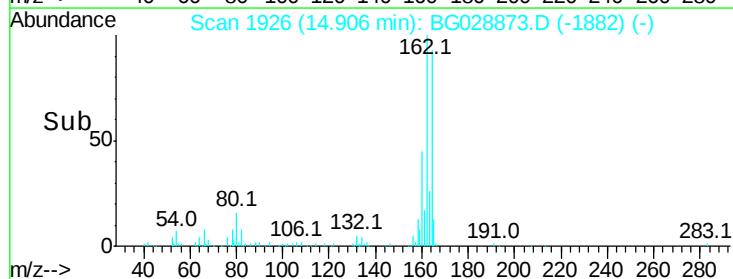
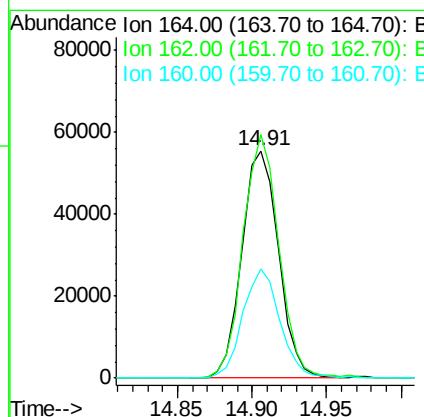
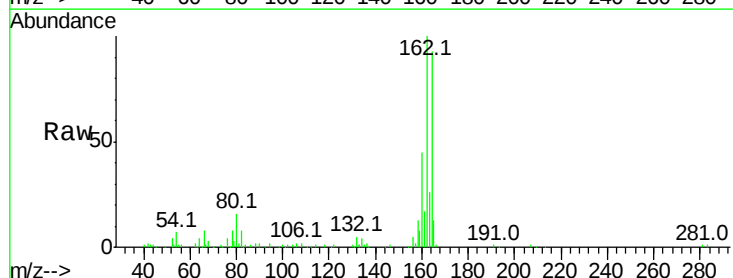
Instrument :
BNA_G
ClientSampleId :
HD-01092017-COMP

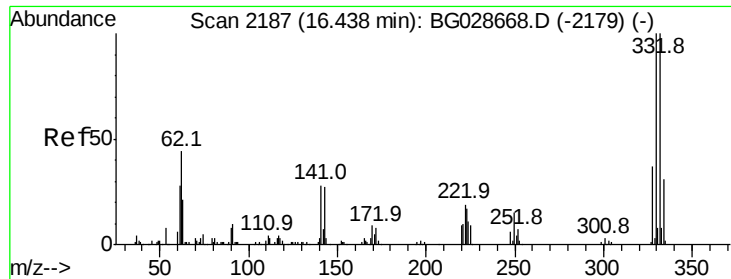
Tot Ion	82	Resp	280337
Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	55.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028873.D
Acq: 22 Sep 2017 1:02

Tgt Ion	164	Resp	94641
Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	47.9	34.7	52.1

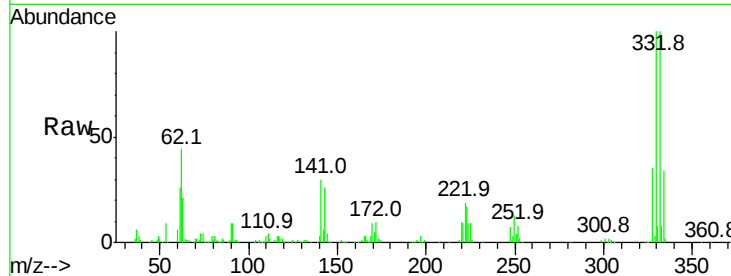




#41
 2,4,6-Tribromophenol
 Concen: 163.260 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028873.D
 Acq: 22 Sep 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 HD-01092017-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	30.5	32.1	48.1#

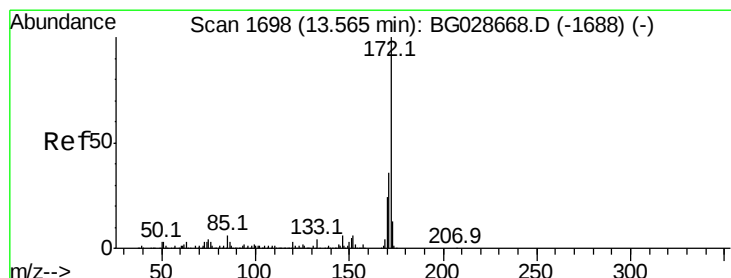
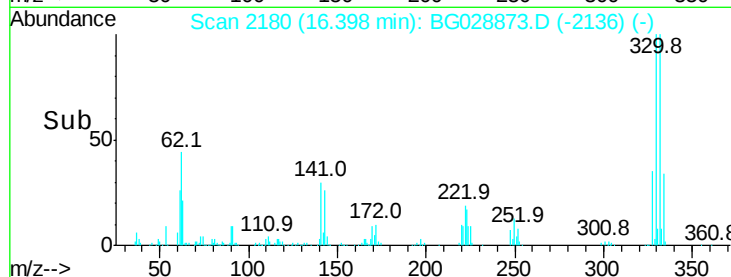
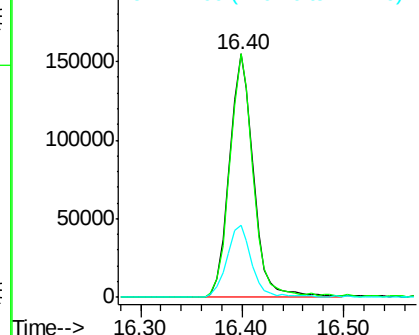


Abundance

Ion 329.80 (329.50 to 330.50): E

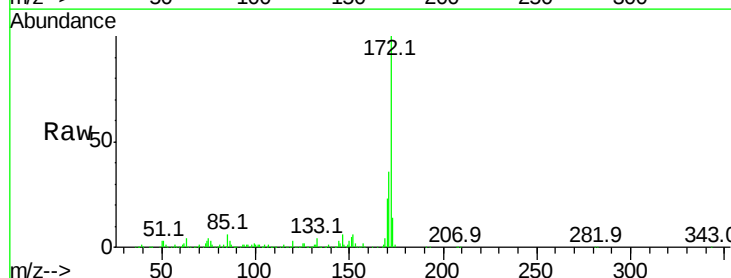
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.300 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028873.D
 Acq: 22 Sep 2017 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.1	21.8	32.6

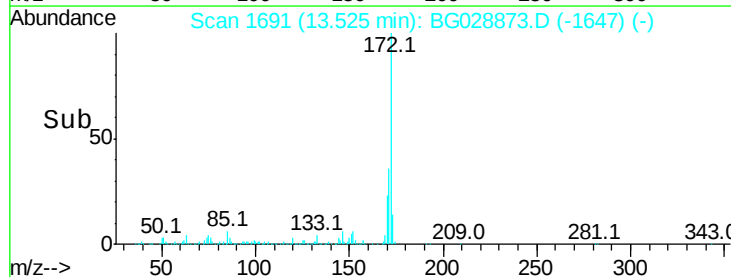
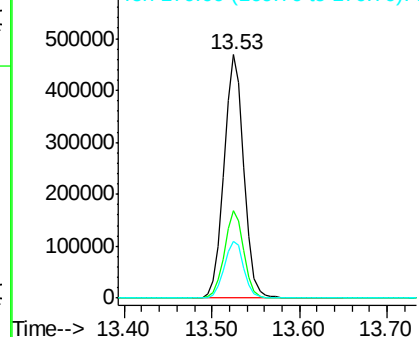


Abundance

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

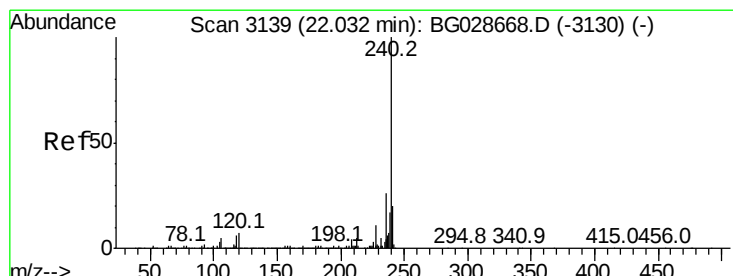
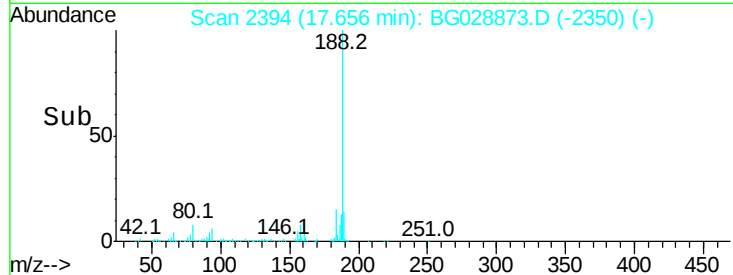
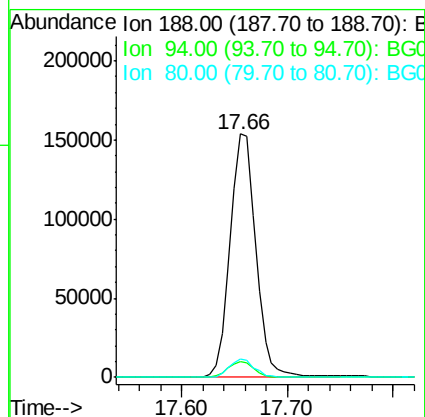
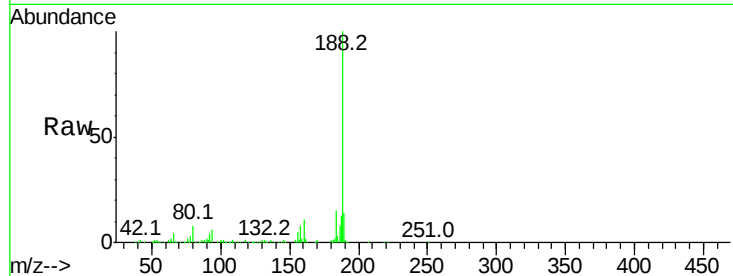




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028873.D
Acq: 22 Sep 2017 1:02

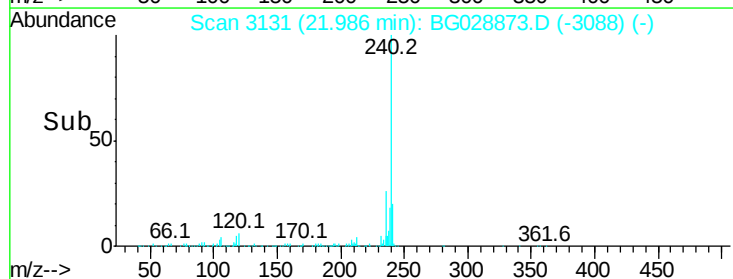
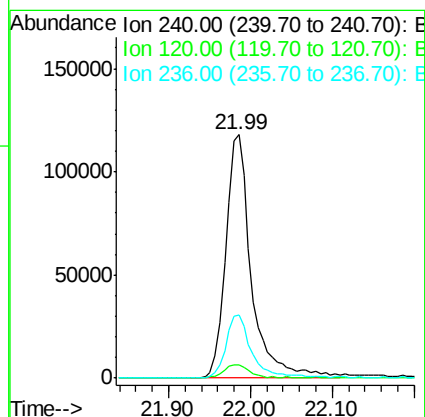
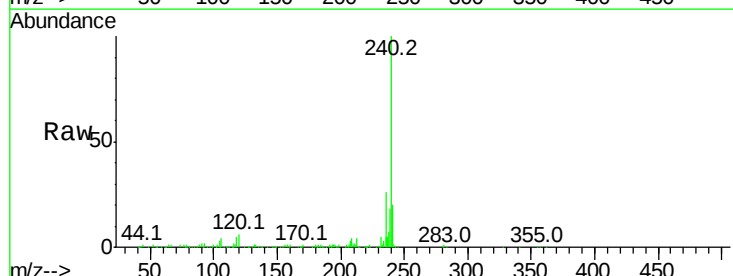
Instrument :
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ClientSampleId :
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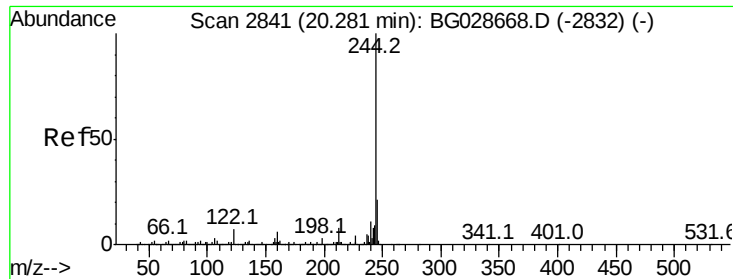
Tot Ion:188 Resp: 260301
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.99 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028873.D
Acq: 22 Sep 2017 1:02

Tgt Ion:240 Resp: 256885
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 113.949 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

Instrument :

BNA_G

ClientSampleId :

HD-01092017-COMP

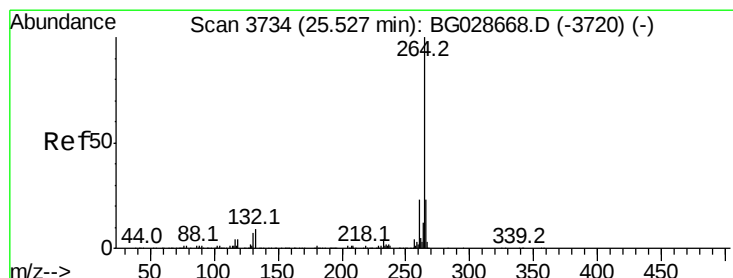
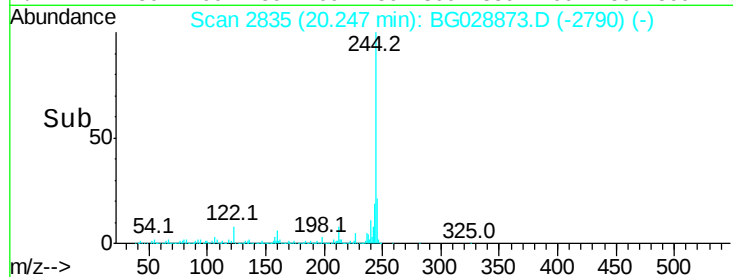
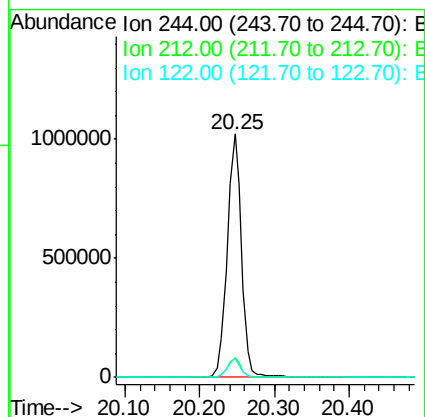
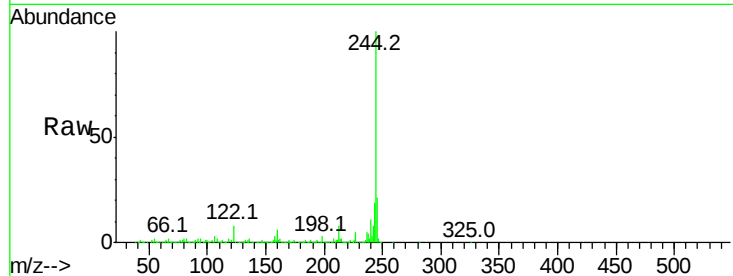
Tot Ion:244 Resp: 1372608

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 7.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.07 min

Lab File: BG028873.D

Acq: 22 Sep 2017 1:02

Tgt Ion:264 Resp: 71386

Ion Ratio Lower Upper

264 100

260 29.4 21.8 32.8

265 23.0 18.2 27.4

