

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028658.D
 Acq On : 12 Sep 2017 2:24
 Operator : SJ/JU
 Sample : I5180-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090717-TIDO-F-D-S

Quant Time: Sep 12 04:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37887	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	151582	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	116225	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	306948	20.00	ng	0.00
75) Chrysene-d12	22.03	240	355051	20.00	ng	0.00
86) Perylene-d12	25.53	264	350547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	92576	41.14	ng	0.00
7) Phenol-d6	7.49	99	74584	22.85	ng	0.00
23) Nitrobenzene-d5	9.50	82	287112	86.97	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	168594	95.44	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	751036	84.54	ng	0.00
78) Terphenyl-d14	20.28	244	1336264	81.09	ng	0.00

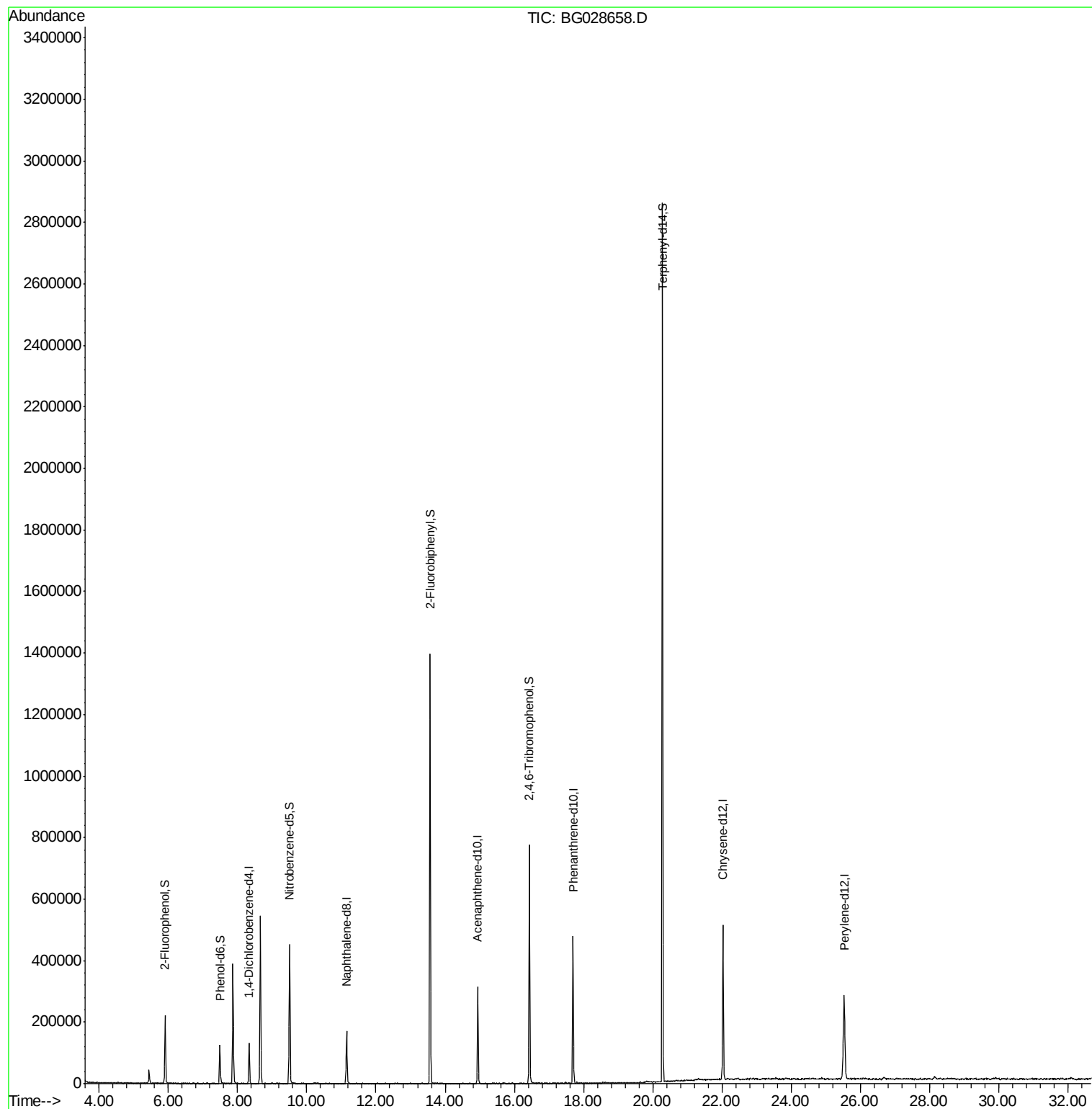
Target Compounds Qvalue

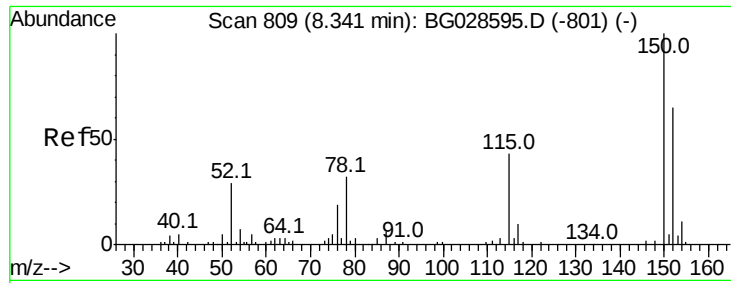
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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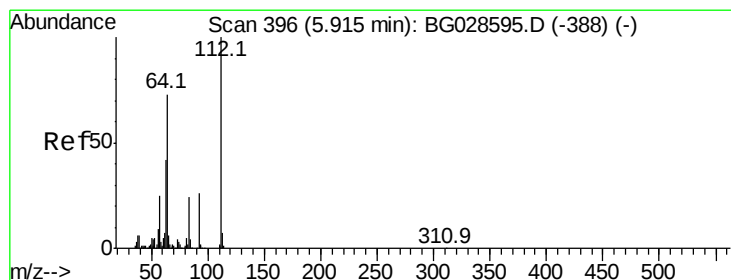
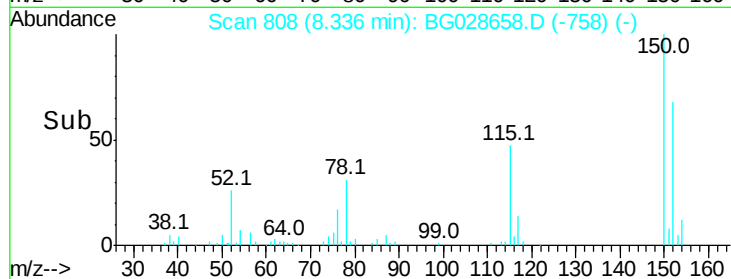
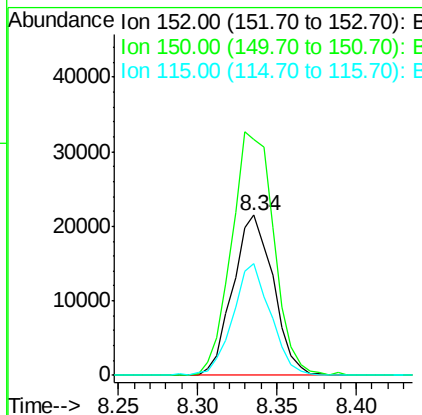
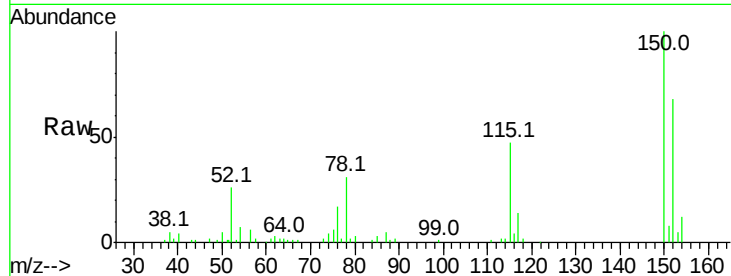


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028658.D
Acq: 12 Sep 2017 2:24

Instrument :
BNA_G
ClientSampleId :
090717-TIDO-F-D-S

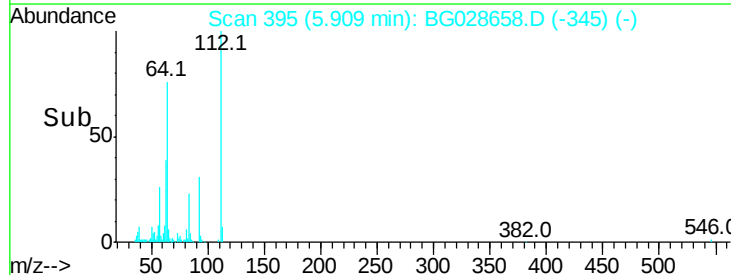
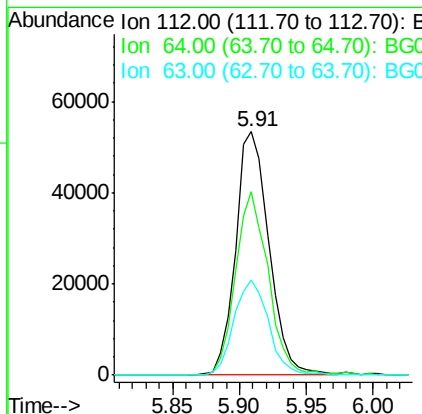
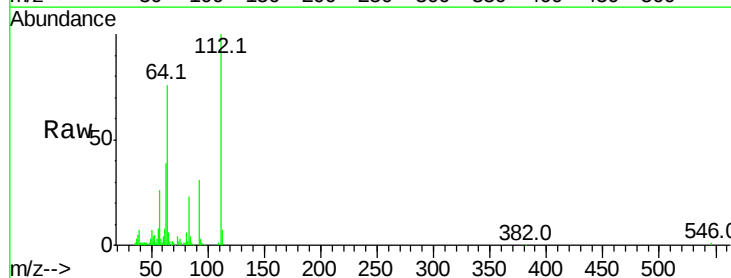
Tot Ion:152 Resp: 37887
Ion Ratio Lower Upper
152 100
150 147.4 114.0 171.0
115 69.8 48.1 72.1

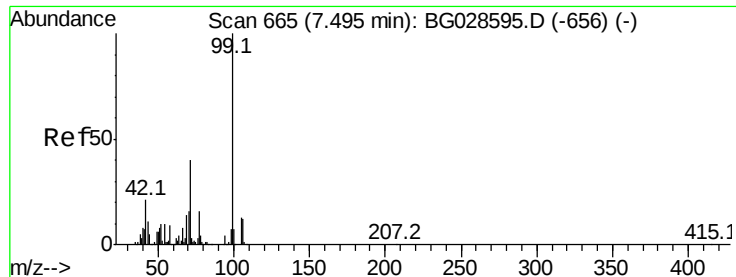


#5

2-Fluorophenol
Concen: 41.142 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028658.D
Acq: 12 Sep 2017 2:24

Tgt Ion:112 Resp: 92576
Ion Ratio Lower Upper
112 100
64 75.6 61.8 92.6
63 39.3 37.2 55.8





#7

Phenol-d6

Concen: 22.852 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-D-S

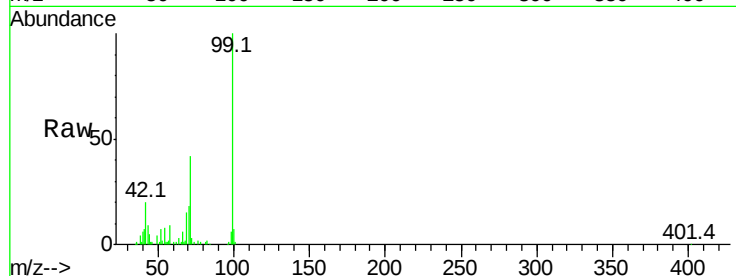
Tot Ion: 99 Resp: 74584

Ion Ratio Lower Upper

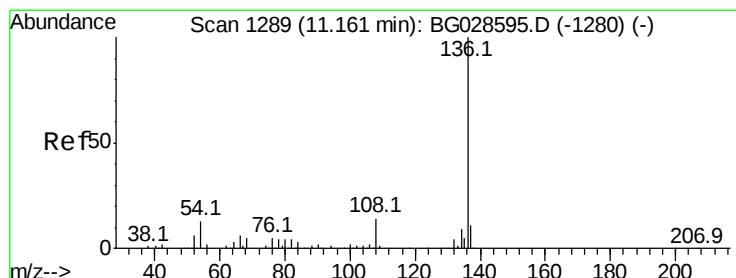
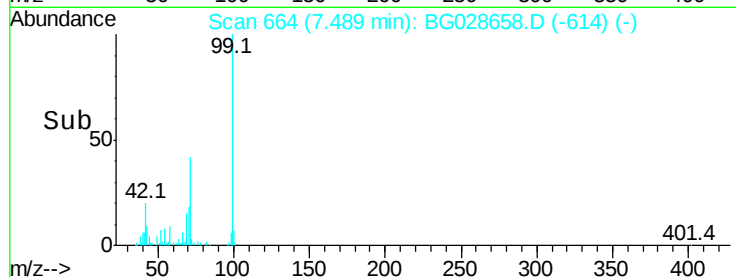
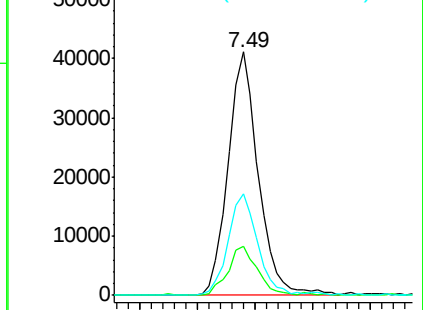
99 100

42 20.1 20.5 30.7#

71 41.7 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: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Tgt Ion: 136 Resp: 151582

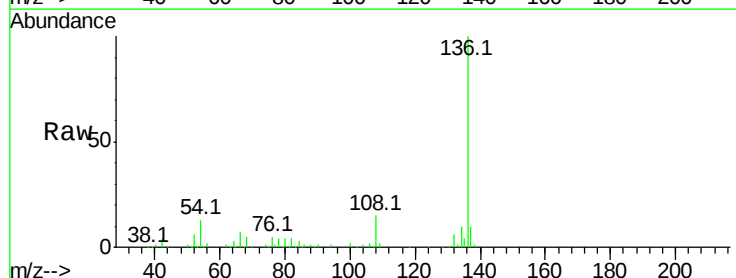
Ion Ratio Lower Upper

136 100

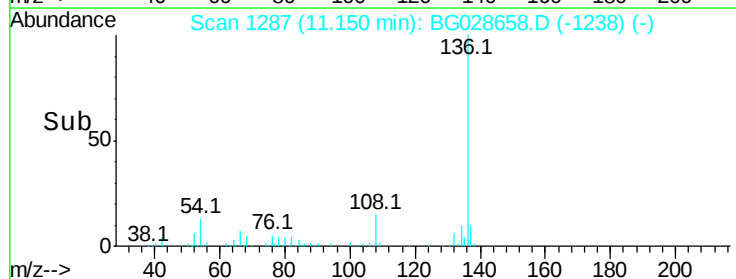
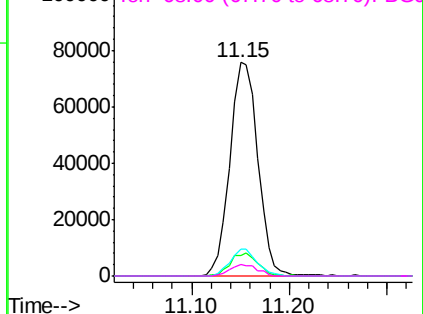
137 9.8 8.9 13.3

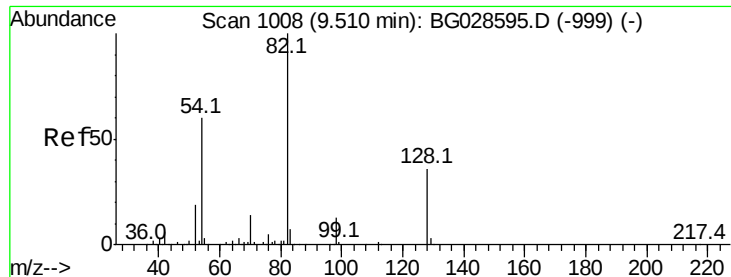
54 12.7 9.3 13.9

68 5.4 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

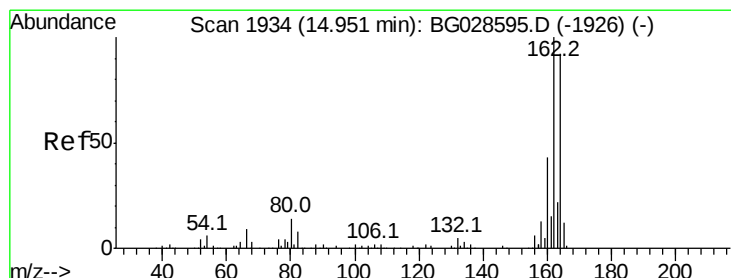
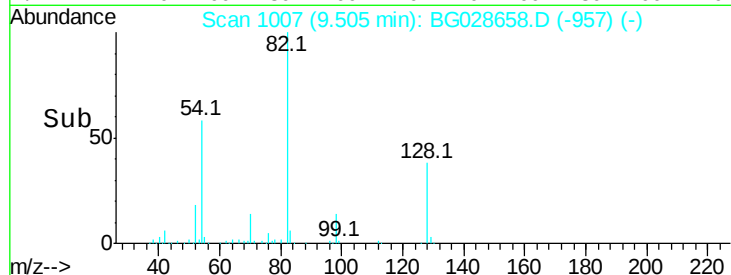
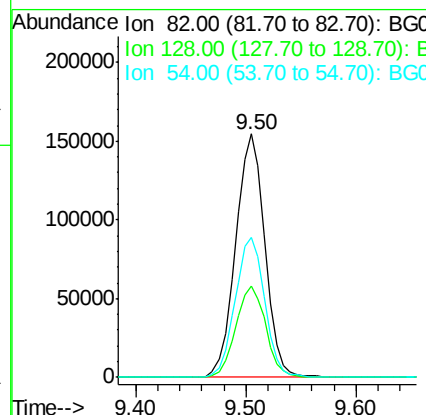
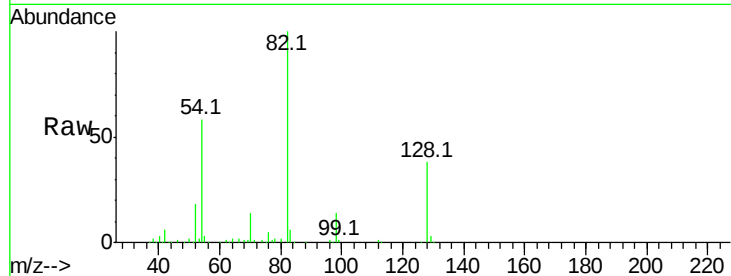




#23
 Nitrobenzene-d5
 Concen: 86.973 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

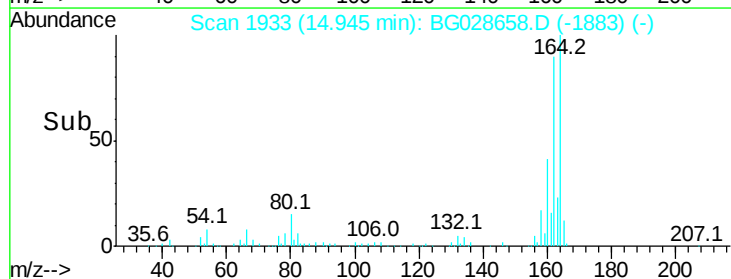
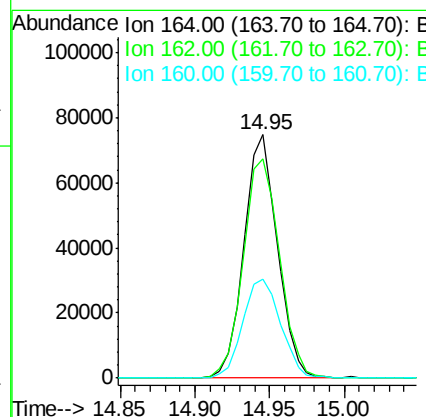
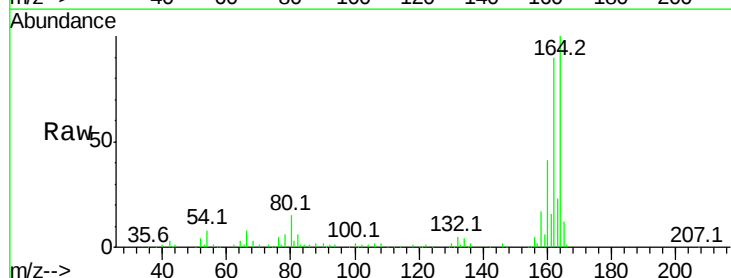
Instrument :
 BNA_G
 ClientSampleId :
 090717-TIDO-F-D-S

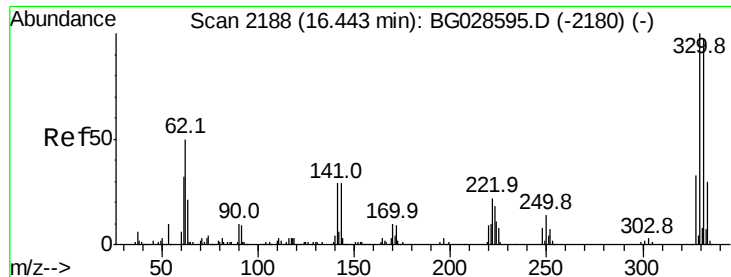
Tot Ion: 82 Resp: 287112
 Ion Ratio Lower Upper
 82 100
 128 37.8 26.4 39.6
 54 57.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

Tgt Ion: 164 Resp: 116225
 Ion Ratio Lower Upper
 164 100
 162 90.0 85.1 127.7
 160 40.6 34.7 52.1

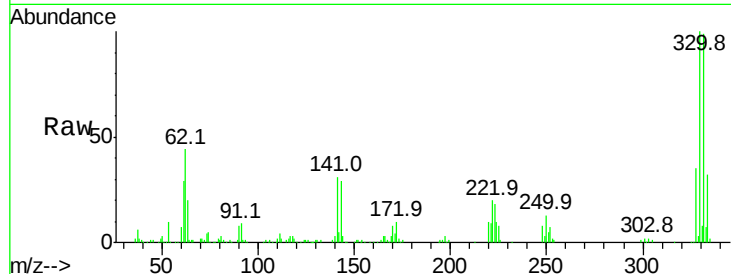




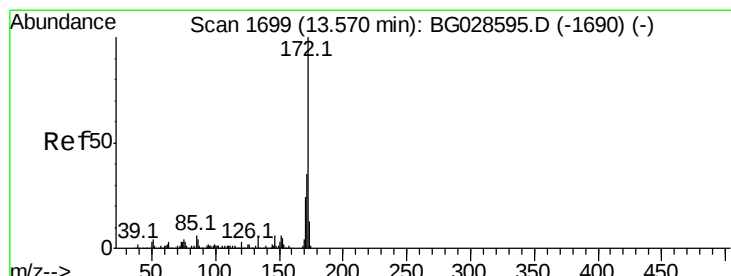
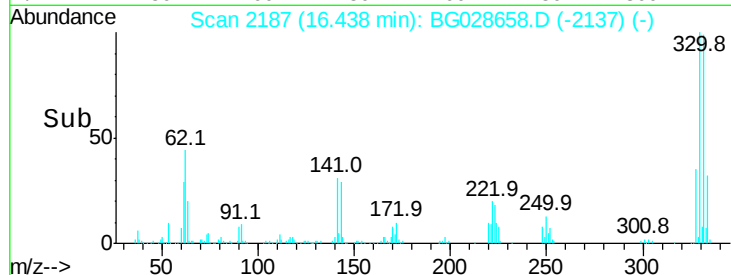
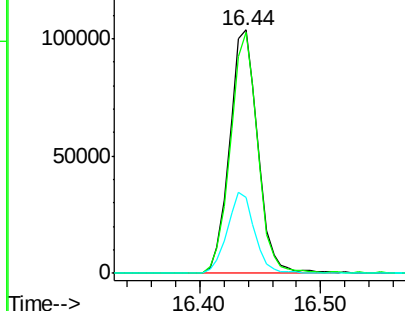
#41
 2,4,6-Tribromophenol
 Concen: 95.440 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 090717-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	32.2	32.1	48.1

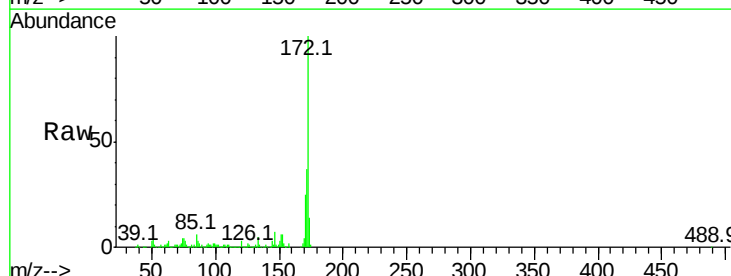


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

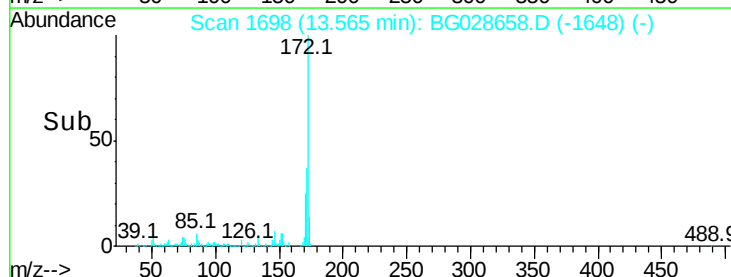
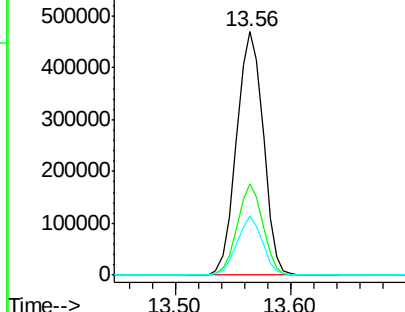


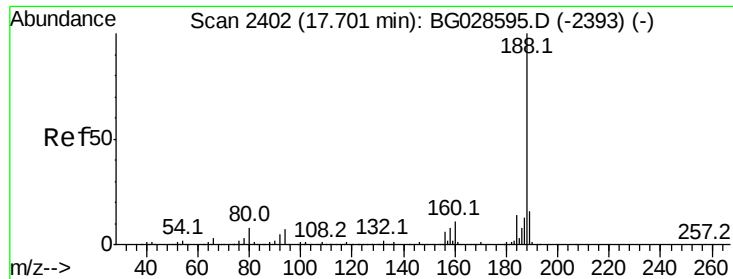
#44
 2-Fluorobiphenyl
 Concen: 84.536 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.6	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: 17.70 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-D-S

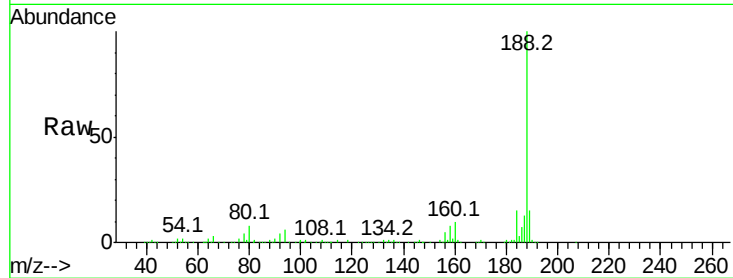
Tot Ion:188 Resp: 306948

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

80 8.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

250000

200000

150000

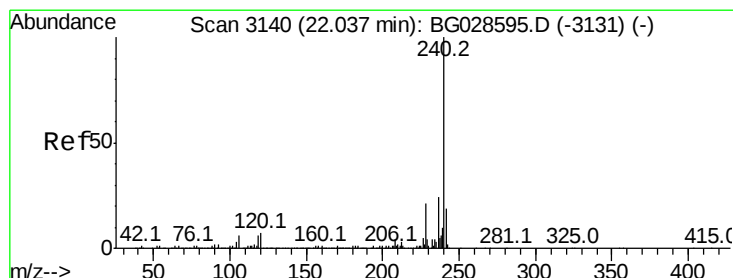
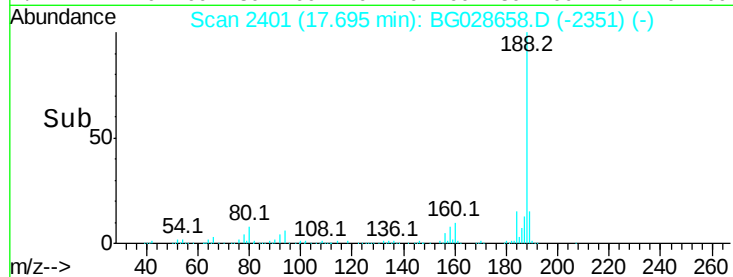
100000

50000

0

17.60 17.65 17.70 17.75

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

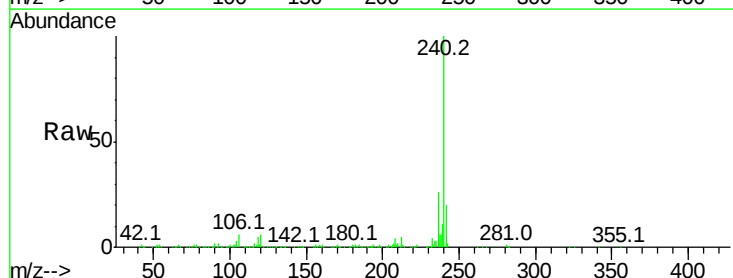
Tgt Ion:240 Resp: 355051

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 26.5 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

250000

200000

150000

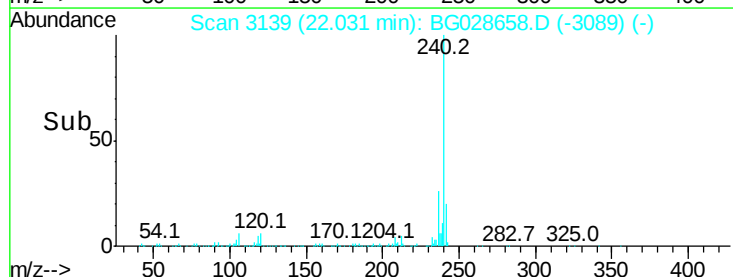
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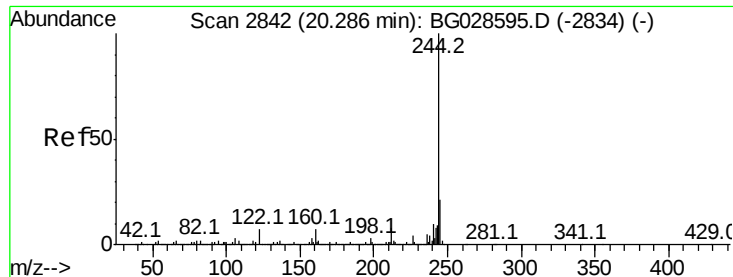
50000

0

22.00 22.03 22.10

Time-->





#78

Terphenyl-d14

Concen: 81.087 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-D-S

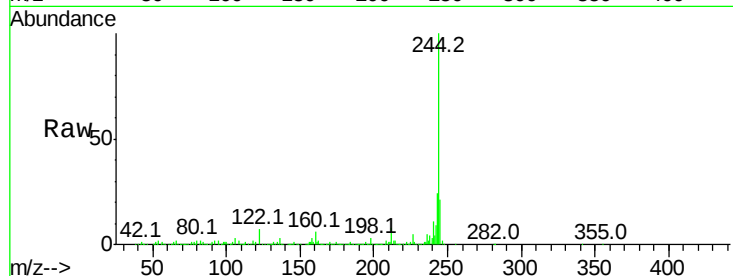
Tot Ion:244 Resp: 1336264

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.2	8.6	12.8#

244 100

212 8.0 10.0 15.0#

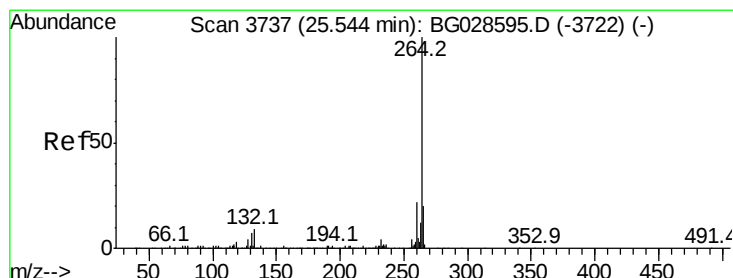
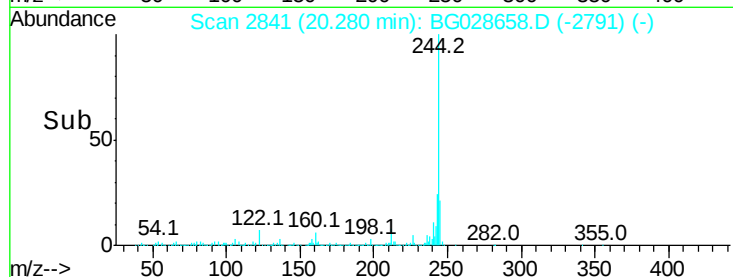
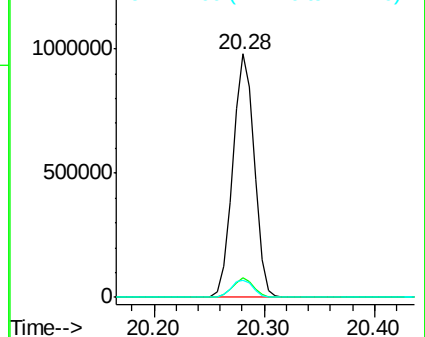
122 7.2 8.6 12.8#



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: 25.53 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

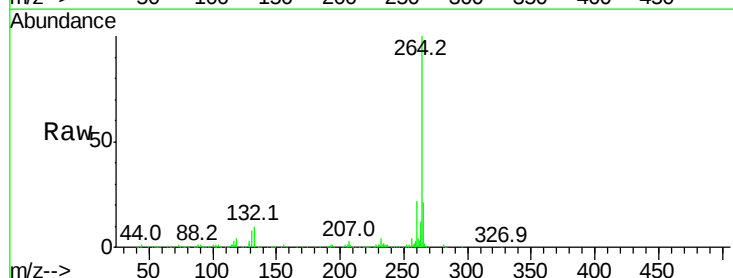
Tgt Ion:264 Resp: 350547

Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	20.8	18.2	27.4

264 100

260 22.0 21.8 32.8

265 20.8 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

