

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028629.D
 Acq On : 10 Sep 2017 00:13
 Operator : SJ/JU
 Sample : I5158-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-090717

Quant Time: Sep 11 08:21:41 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	35295	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	136837	20.00	ng	-0.01
38) Acenaphthene-d10	14.94	164	91919	20.00	ng	-0.01
63) Phenanthrene-d10	17.70	188	266695	20.00	ng	0.00
75) Chrysene-d12	22.03	240	323918	20.00	ng	-0.01
86) Perylene-d12	25.53	264	315251	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	297100	141.73	ng	0.00
7) Phenol-d6	7.49	99	360757	118.65	ng	0.00
23) Nitrobenzene-d5	9.51	82	278270	93.38	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	251064	179.71	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	675457	96.13	ng	0.00
78) Terphenyl-d14	20.28	244	1388961	92.39	ng	0.00

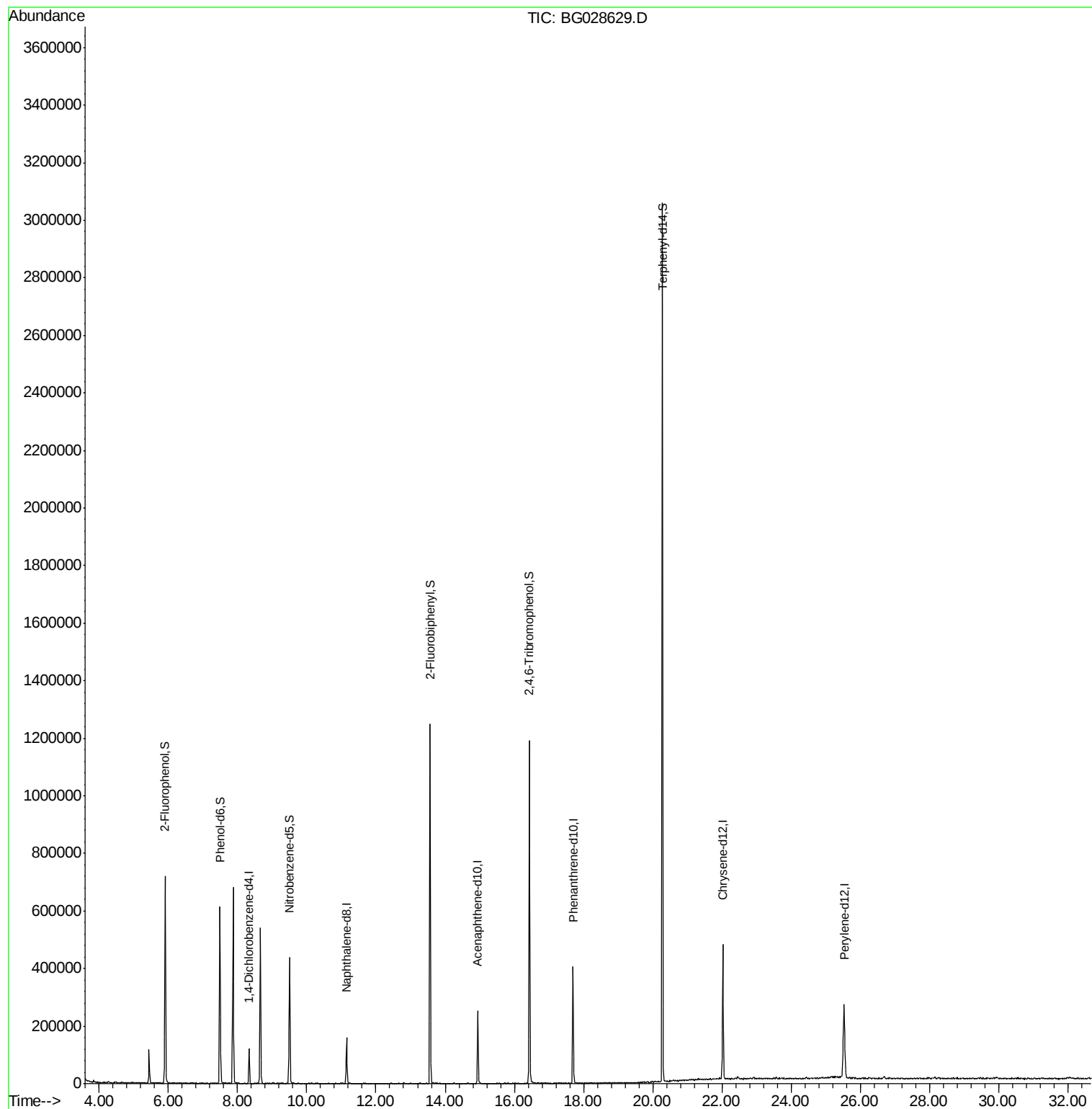
Target Compounds Qvalue

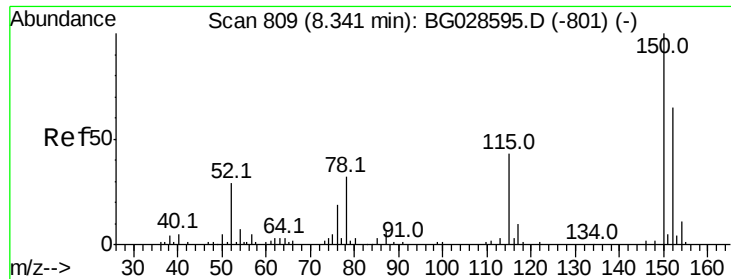
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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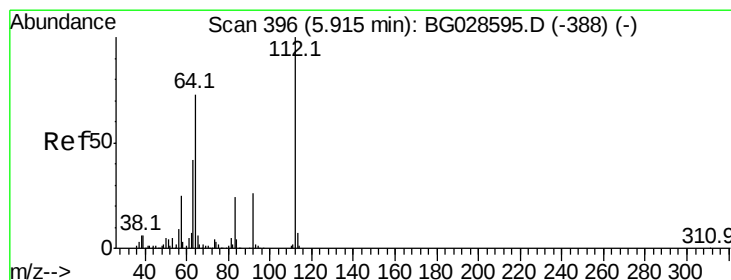
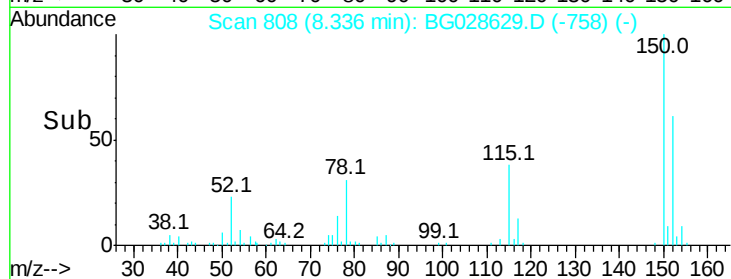
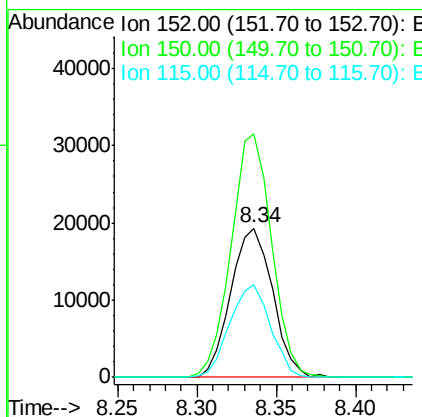
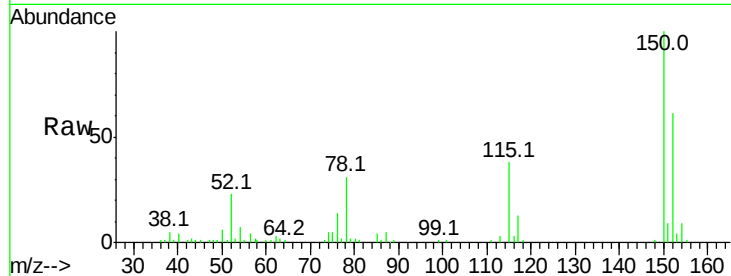


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028629.D
Acq: 10 Sep 2017 00:13

Instrument :
BNA_G
ClientSampleId :
BU-02-090717

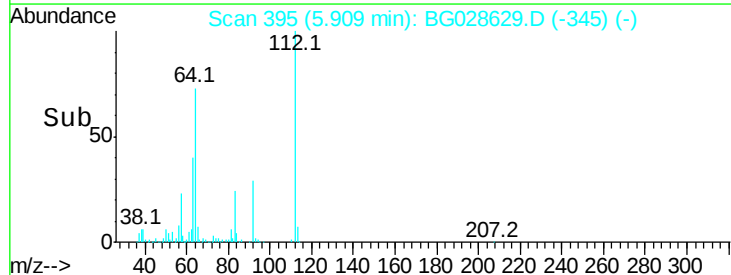
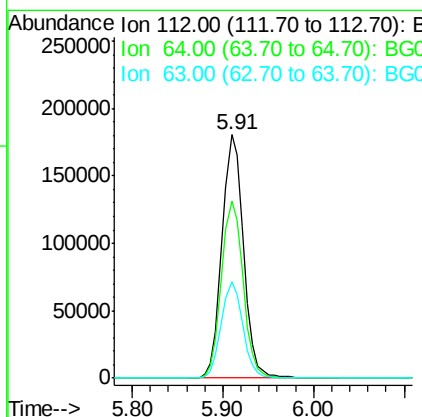
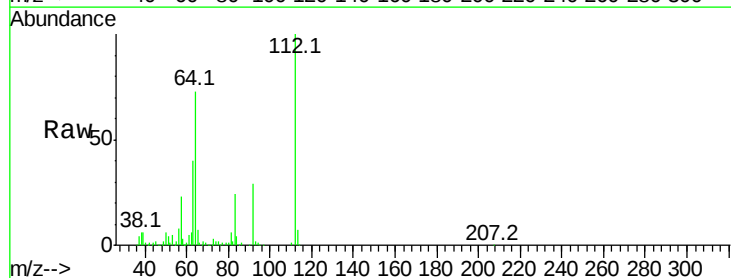
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	114.0	171.0
115	62.4	48.1	72.1

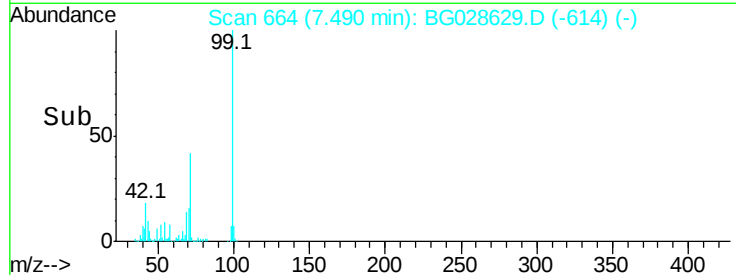
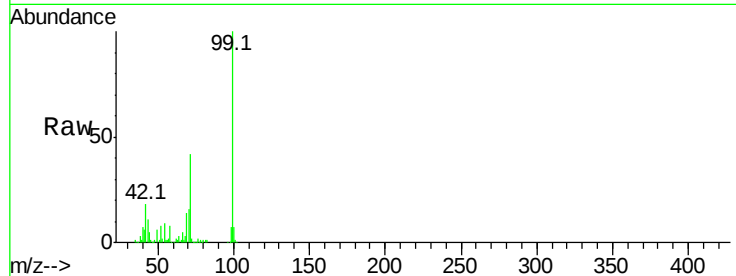
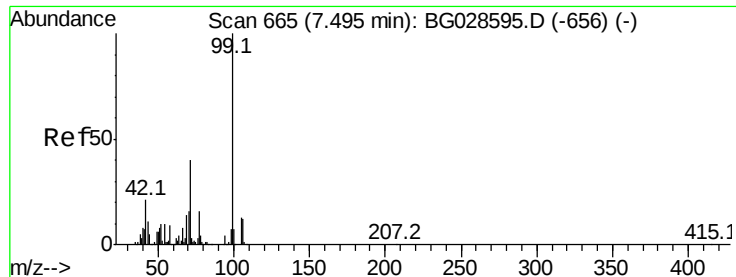


#5

2-Fluorophenol
Concen: 141.730 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028629.D
Acq: 10 Sep 2017 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.8	92.6
63	39.8	37.2	55.8





#7

Phenol-d6

Concen: 118.649 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028629.D

Acq: 10 Sep 2017 00:13

Instrument :

BNA_G

ClientSampleId :

BU-02-090717

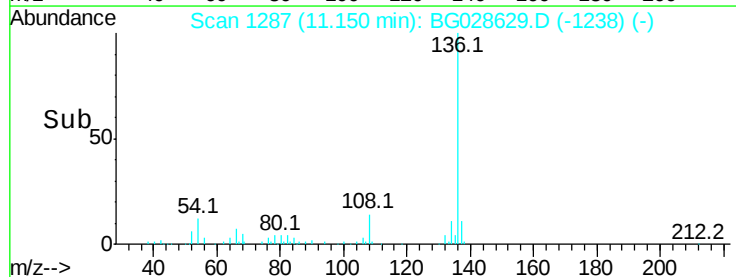
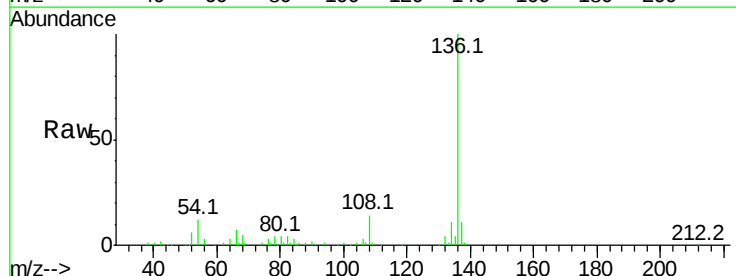
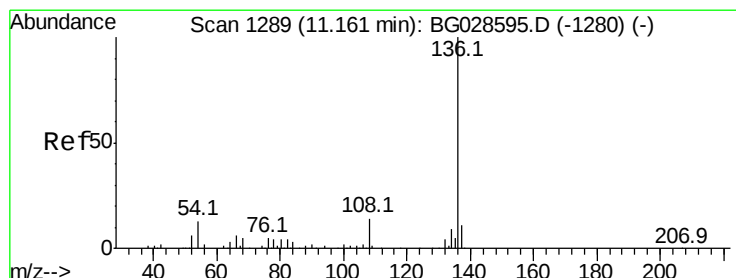
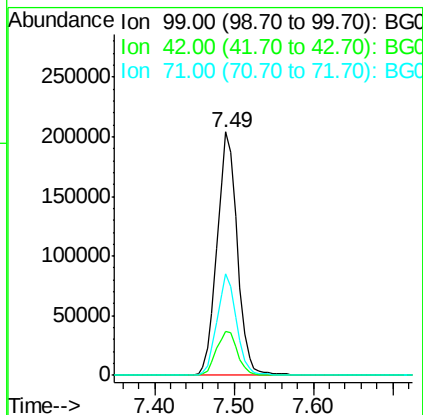
Tot Ion: 99 Resp: 360757

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

71 41.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028629.D

Acq: 10 Sep 2017 00:13

Tgt Ion: 136 Resp: 136837

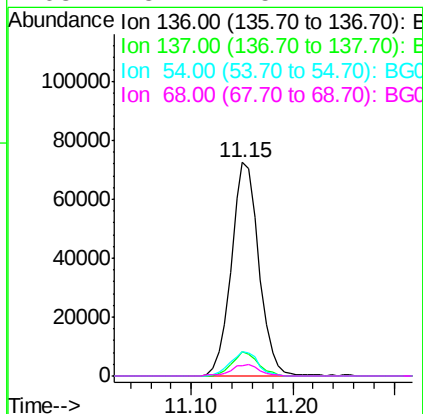
Ion Ratio Lower Upper

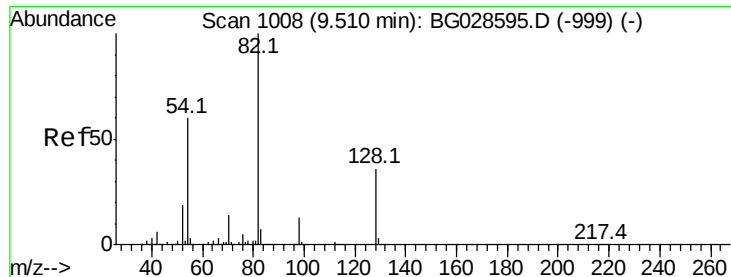
136 100

137 11.2 8.9 13.3

54 11.6 9.3 13.9

68 5.4 5.1 7.7

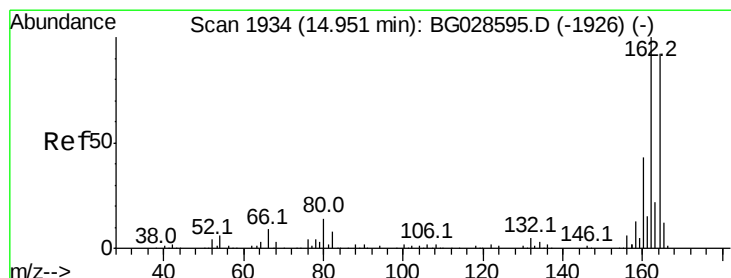
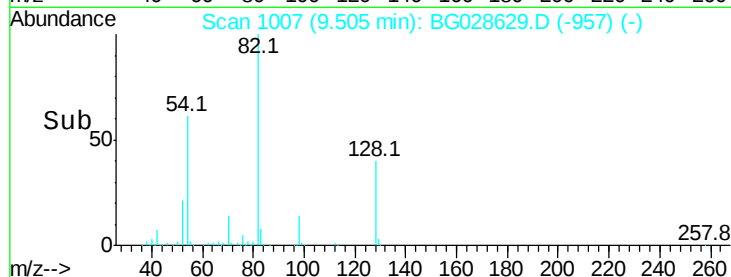
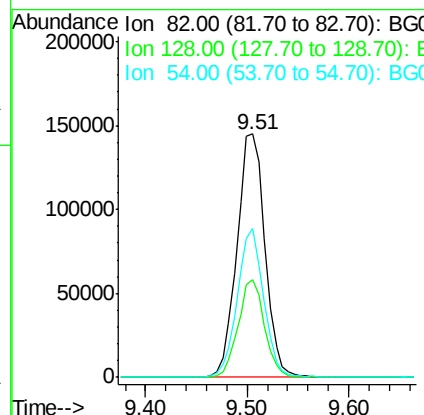
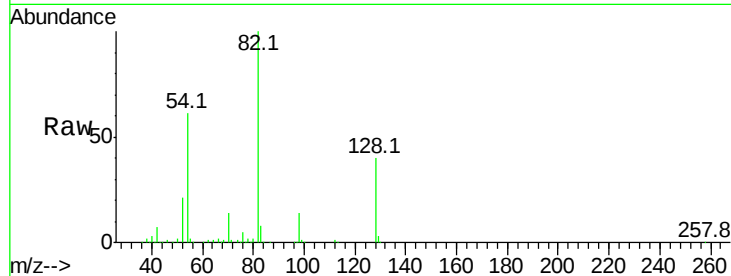




#23
Nitrobenzene-d5
Concen: 93.378 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028629.D
Acq: 10 Sep 2017 00:13

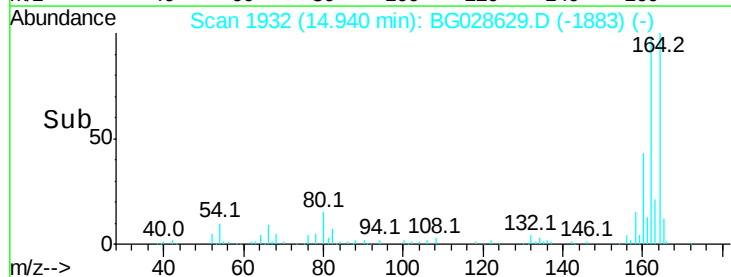
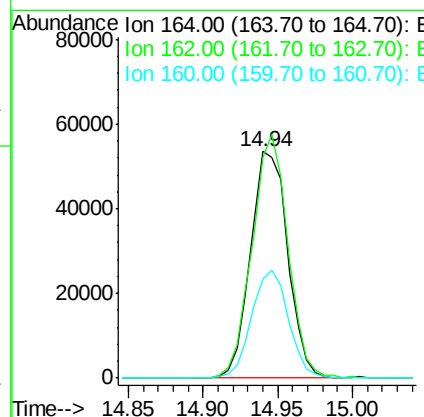
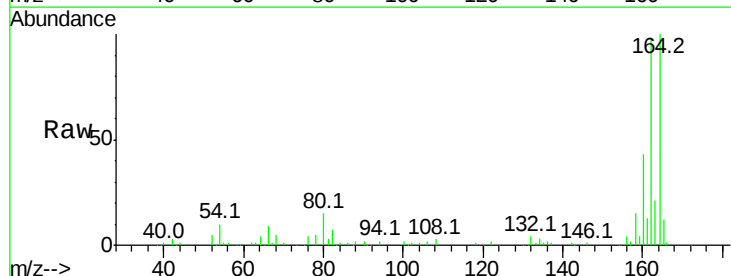
Instrument :
BNA_G
ClientSampleId :
BU-02-090717

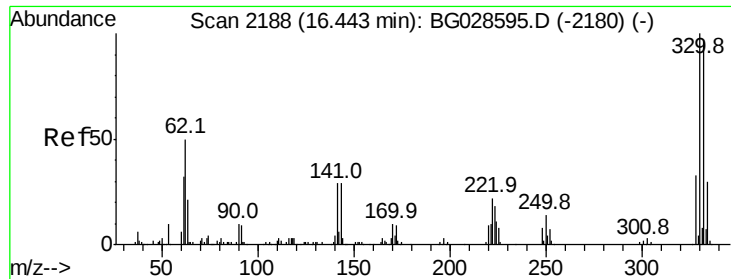
Tot Ion: 82 Resp: 278270
Ion Ratio Lower Upper
82 100
128 40.4 26.4 39.6#
54 61.1 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028629.D
Acq: 10 Sep 2017 00:13

Tgt Ion: 164 Resp: 91919
Ion Ratio Lower Upper
164 100
162 97.6 85.1 127.7
160 43.5 34.7 52.1

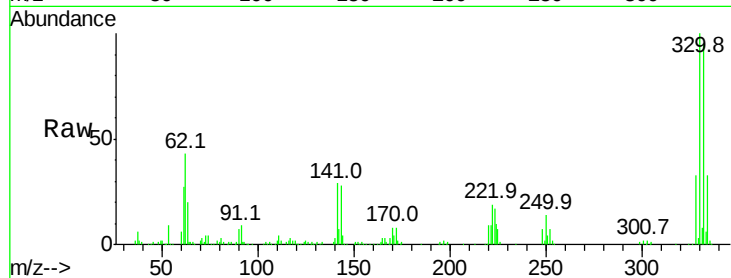




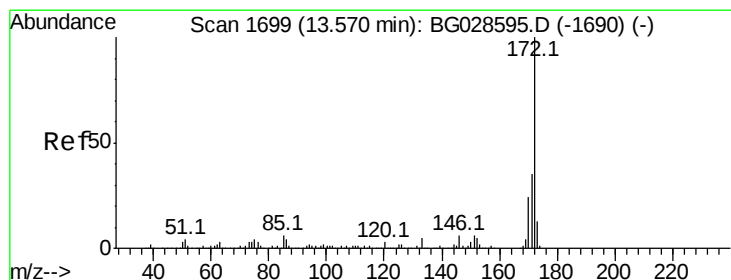
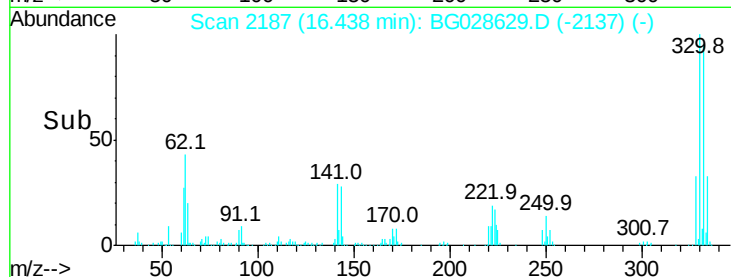
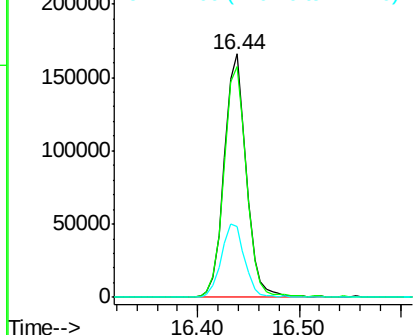
#41
 2,4,6-Tribromophenol
 Concen: 179.707 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028629.D
 Acq: 10 Sep 2017 00:13

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-090717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	32.2	32.1	48.1

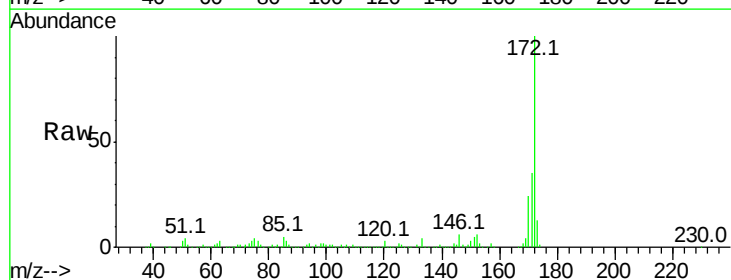


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

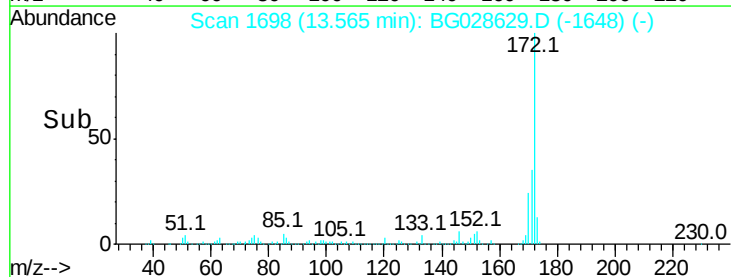
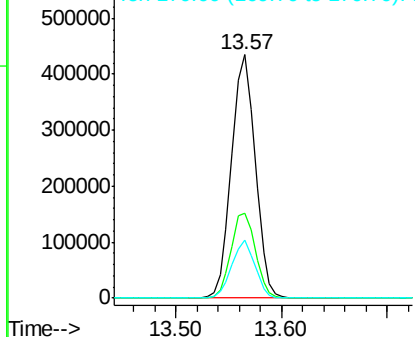


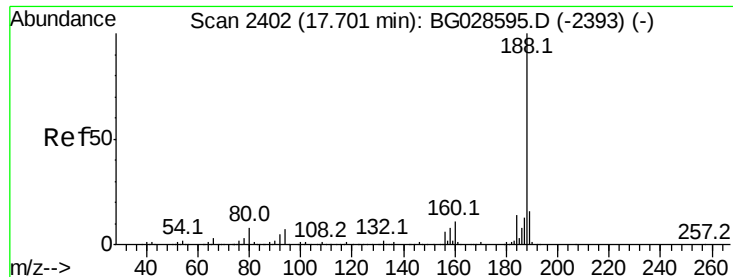
#44
 2-Fluorobiphenyl
 Concen: 96.134 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028629.D
 Acq: 10 Sep 2017 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.8	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: BG028629.D

Acq: 10 Sep 2017 00:13

Instrument :

BNA_G

ClientSampleId :

BU-02-090717

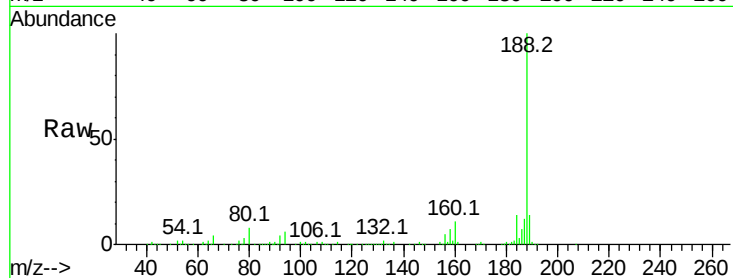
Tot Ion:188 Resp: 266695

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

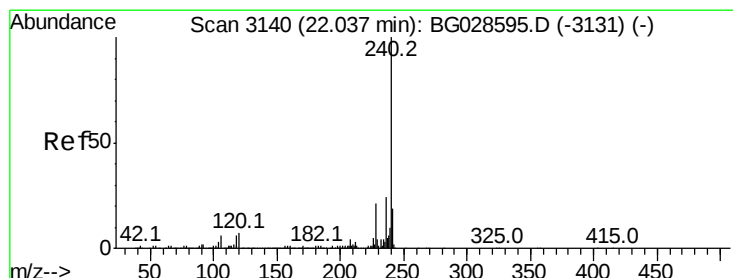
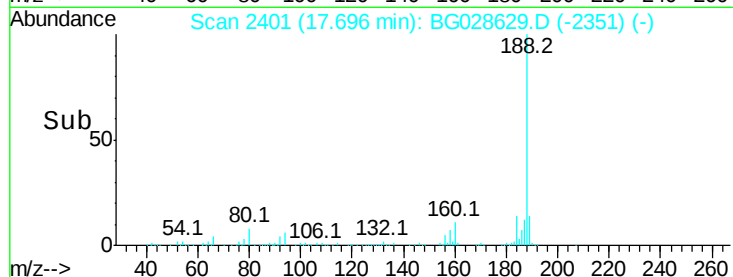
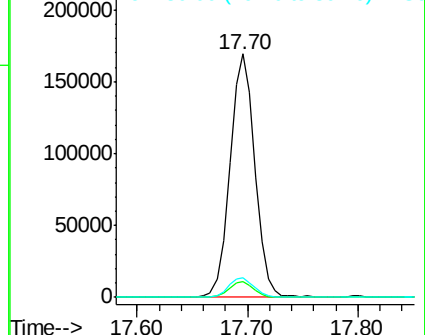
80 8.0 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028629.D

Acq: 10 Sep 2017 00:13

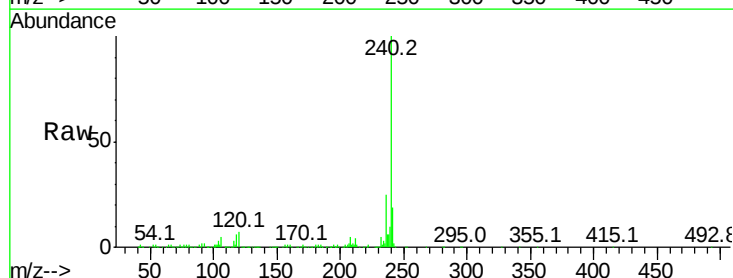
Tgt Ion:240 Resp: 323918

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

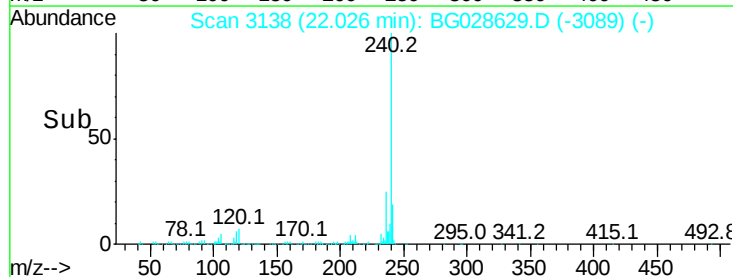
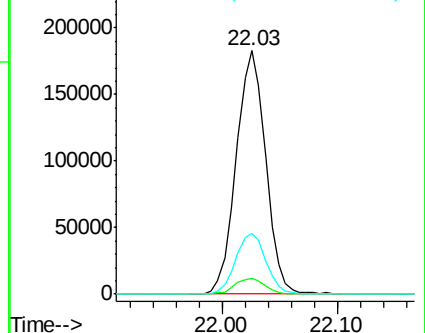
236 24.9 22.2 33.4

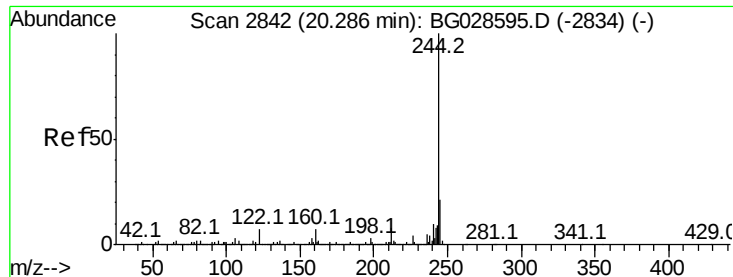


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.386 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028629.D

Acq: 10 Sep 2017 00:13

Instrument :

BNA_G

ClientSampleId :

BU-02-090717

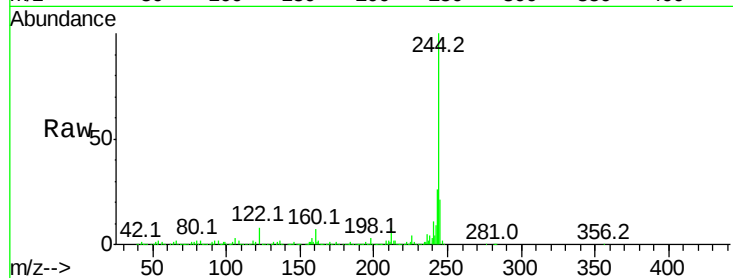
Tot Ion:244 Resp: 1388961

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

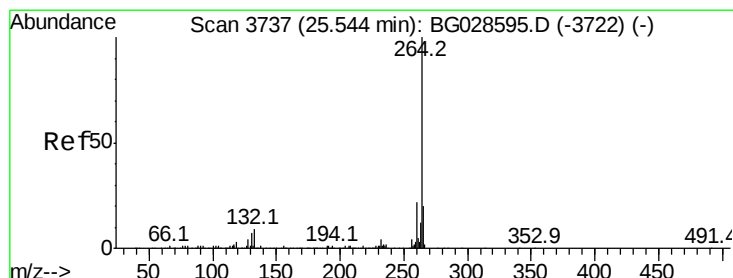
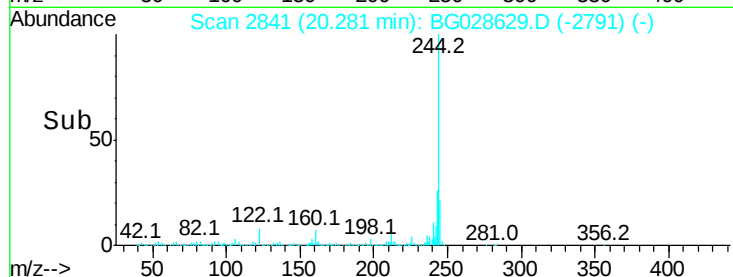
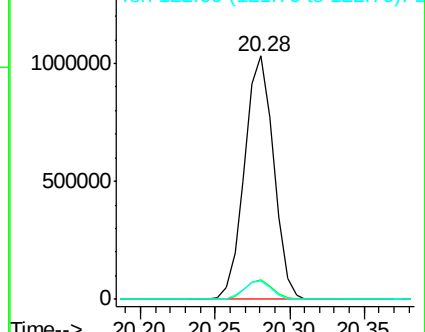
122 7.6 8.6 12.8#



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# 3734

Delta R.T. -0.02 min

Lab File: BG028629.D

Acq: 10 Sep 2017 00:13

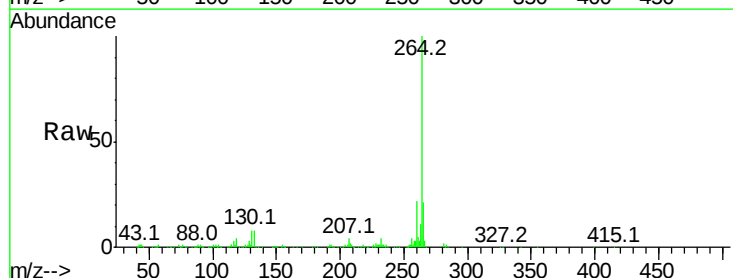
Tgt Ion:264 Resp: 315251

Ion Ratio Lower Upper

264 100

260 22.1 21.8 32.8

265 21.3 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

