

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028617.D
 Acq On : 9 Sep 2017 16:21
 Operator : SJ/JU
 Sample : PB102150BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

Quant Time: Sep 11 07:43:55 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	8.33	152	31223	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	119016	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	81370	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	246124	20.00	ng	0.00
75) Chrysene-d12	22.03	240	298486	20.00	ng	0.00
86) Perylene-d12	25.53	264	300654	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	264454	142.61	ng	0.00
7) Phenol-d6	7.49	99	354120	131.66	ng	0.00
23) Nitrobenzene-d5	9.51	82	225997	87.19	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	206964	167.35	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	565538	90.92	ng	0.00
78) Terphenyl-d14	20.28	244	1227312	88.59	ng	0.00

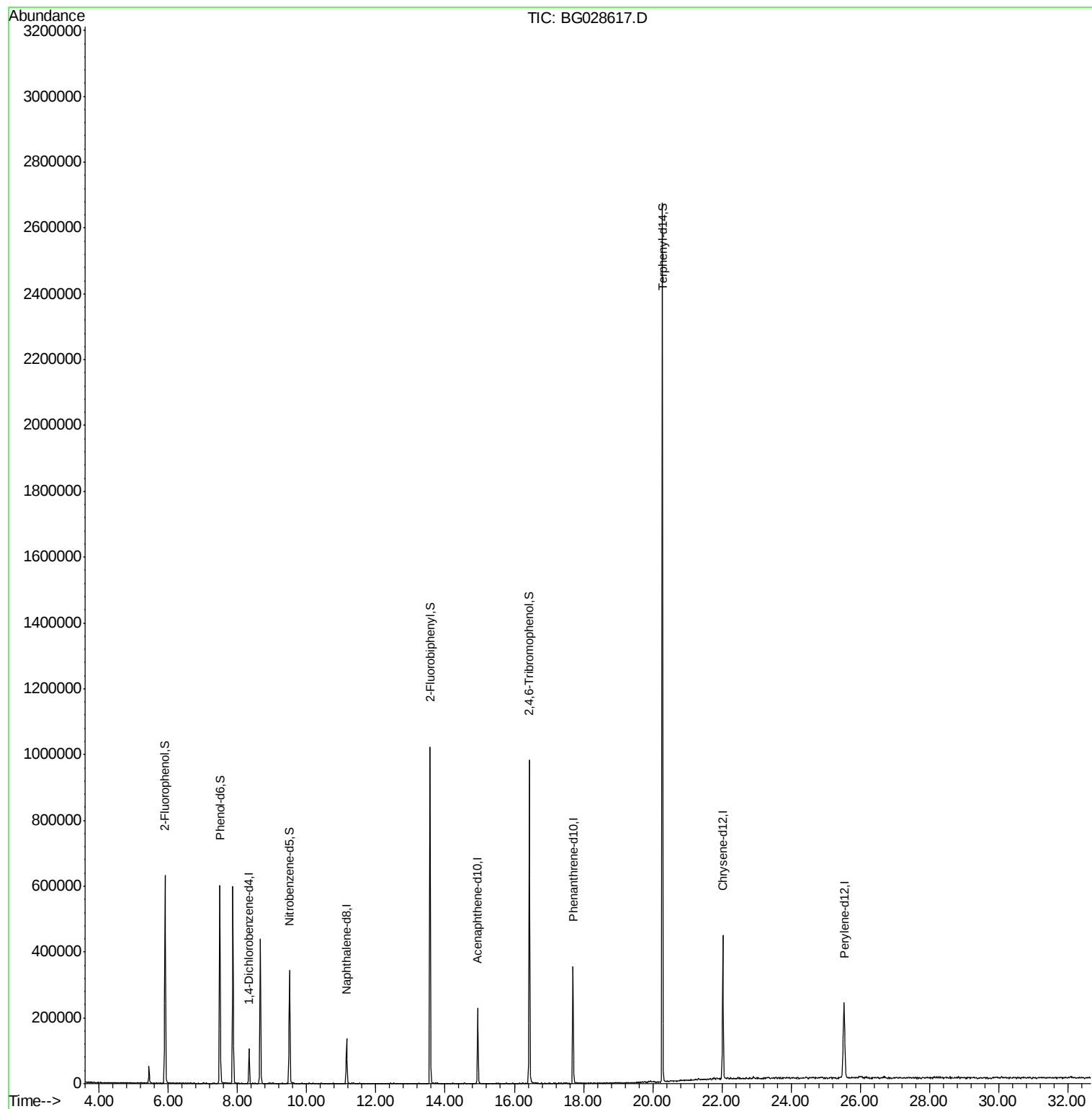
Target Compounds Qvalue

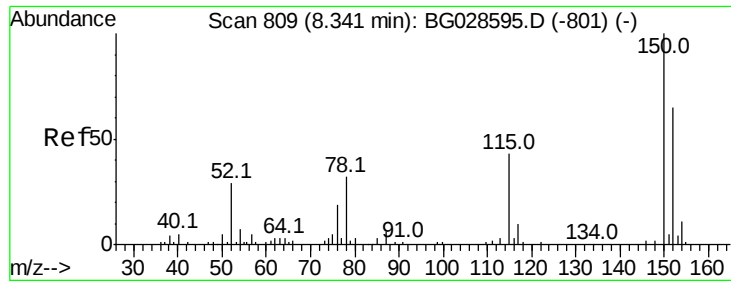
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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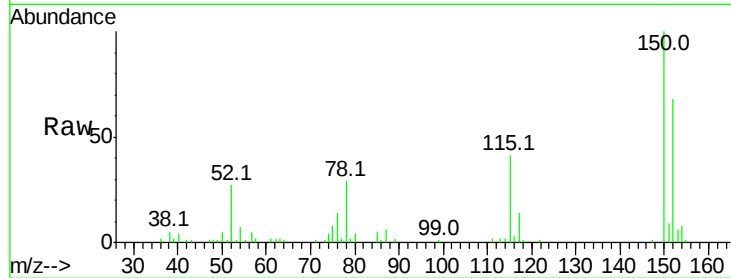


#1

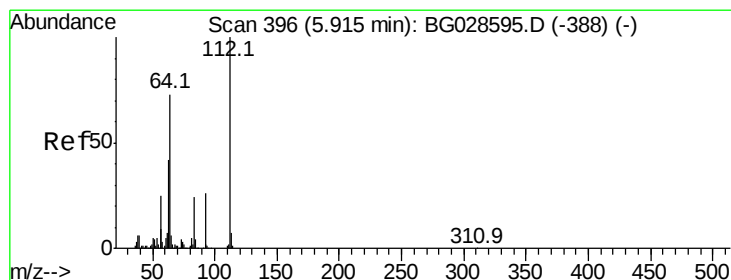
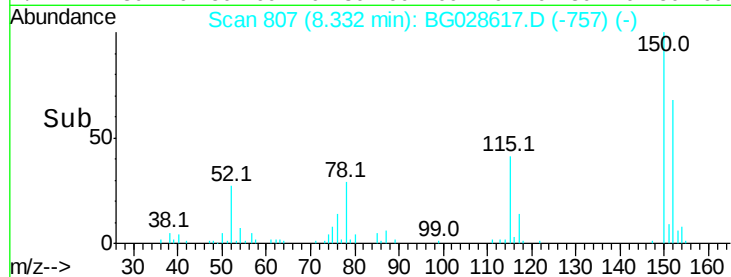
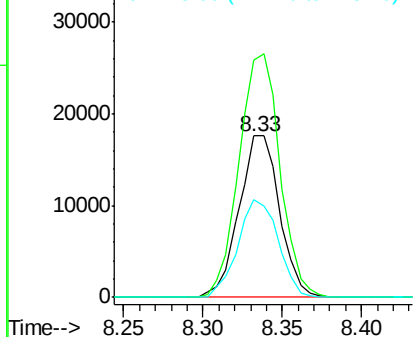
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

Tot Ion:152 Resp: 31223
 Ion Ratio Lower Upper
 152 100
 150 146.9 114.0 171.0
 115 60.6 48.1 72.1



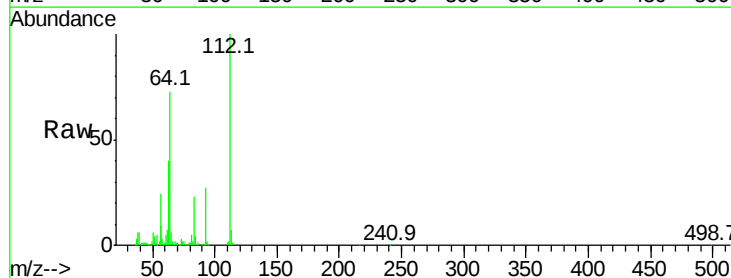
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



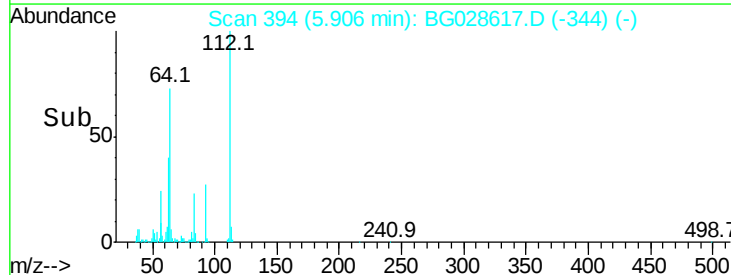
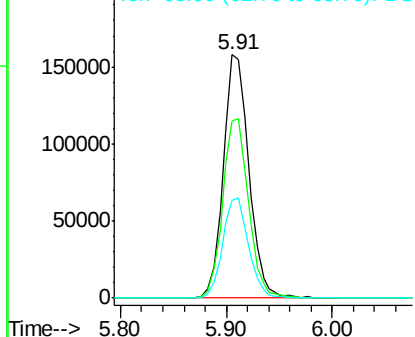
#5

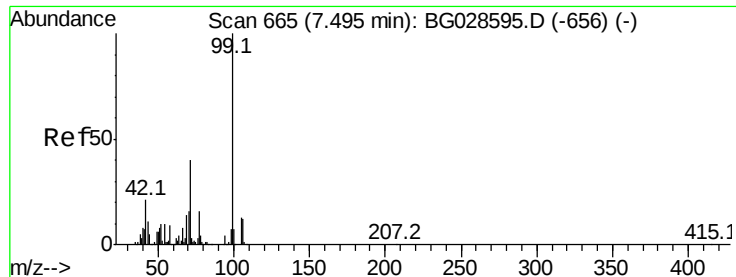
2-Fluorophenol
 Concen: 142.610 ng
 RT: 5.91 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

Tgt Ion:112 Resp: 264454
 Ion Ratio Lower Upper
 112 100
 64 72.5 61.8 92.6
 63 40.0 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: 131.655 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028617.D

Acq: 9 Sep 2017 16:21

Instrument :

BNA_G

ClientSampleId :

PB102150BL

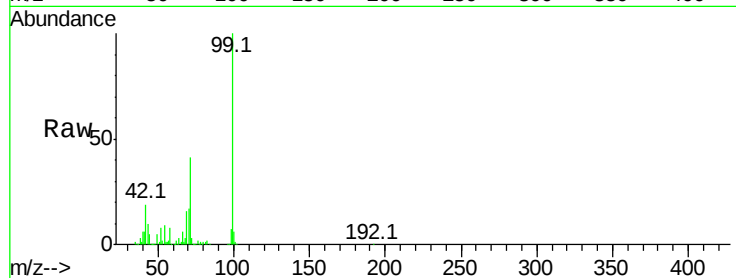
Tot Ion: 99 Resp: 354120

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

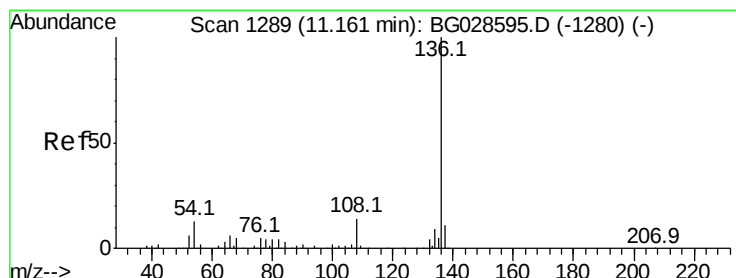
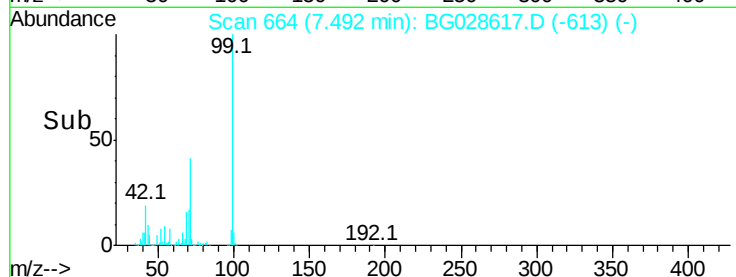
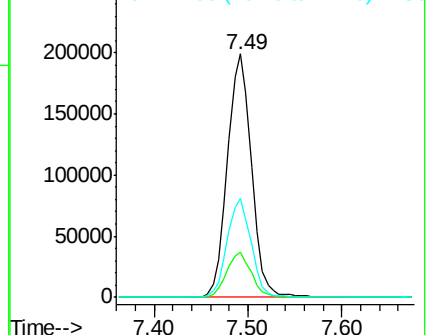
71 40.8 37.6 56.4



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: BG028617.D

Acq: 9 Sep 2017 16:21

Tgt Ion:136 Resp: 119016

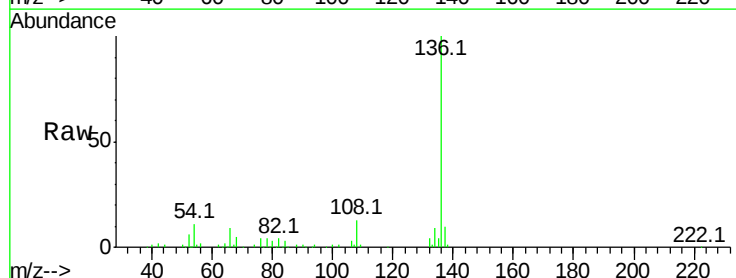
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 11.1 9.3 13.9

68 4.8 5.1 7.7#

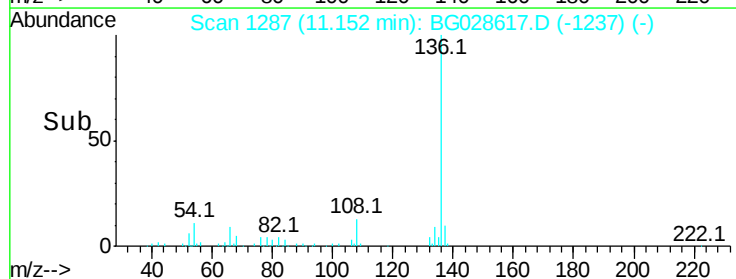
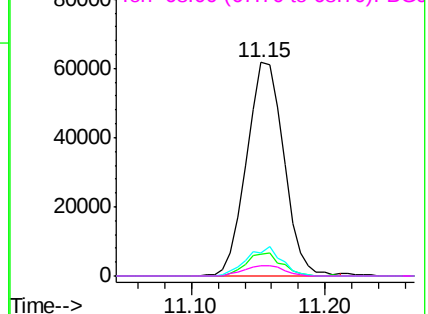


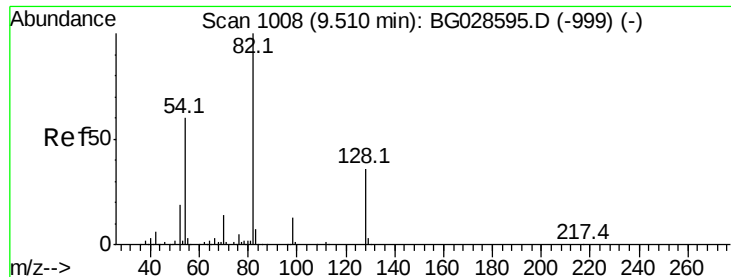
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

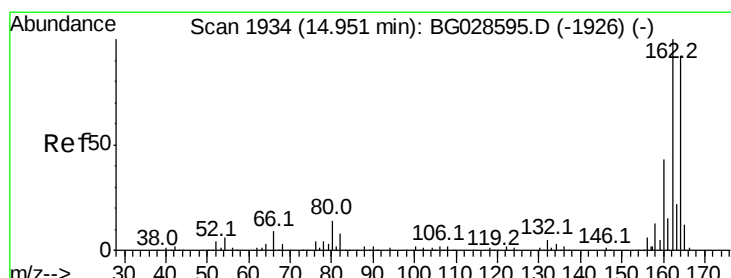
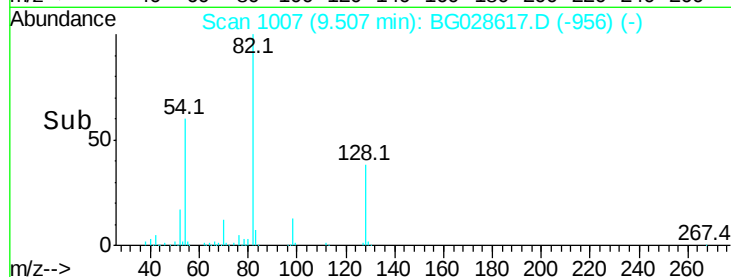
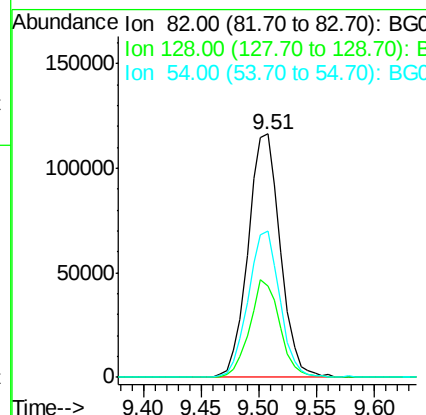
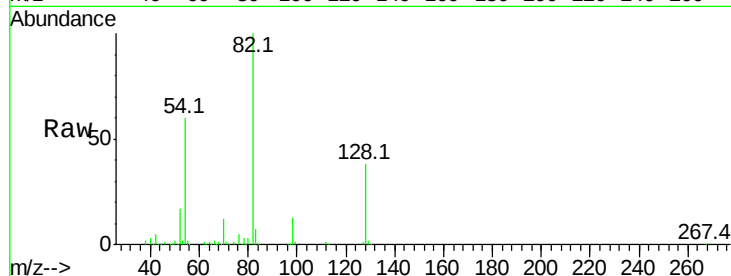




#23
 Nitrobenzene-d5
 Concen: 87.192 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

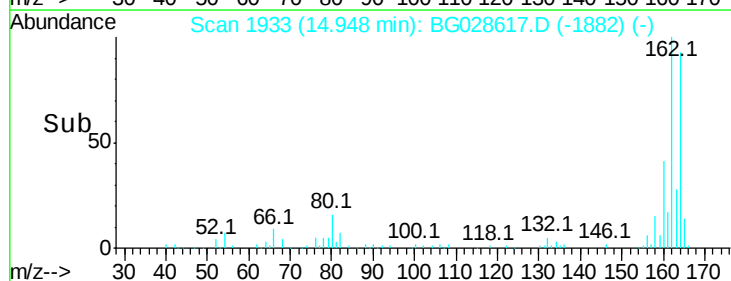
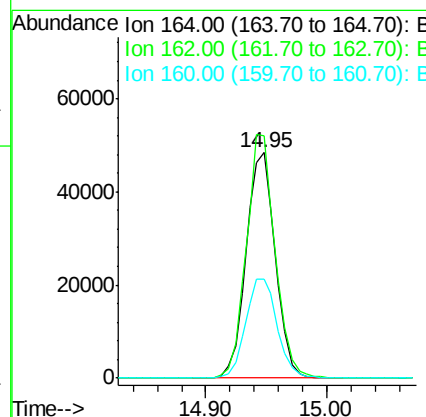
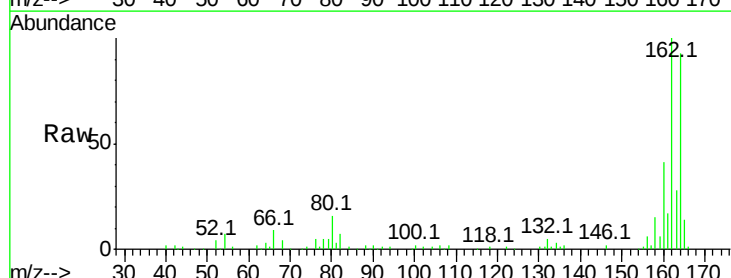
Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

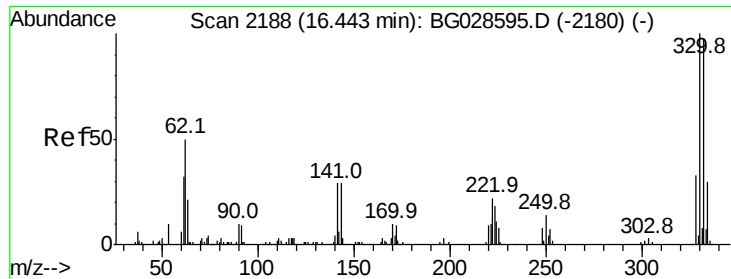
Tot Ion	82	Resp	225997
Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

Tgt Ion	164	Resp	81370
Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.1	127.7
160	43.8	34.7	52.1

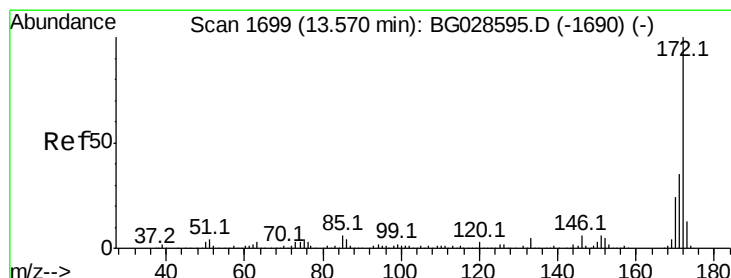
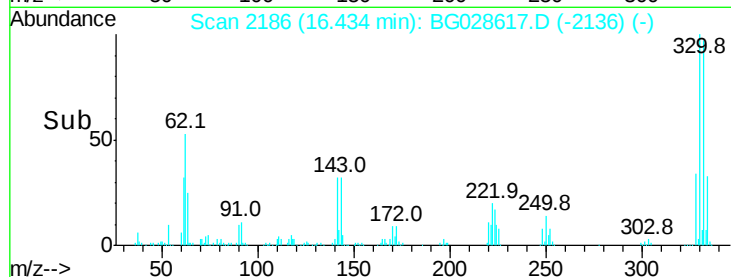
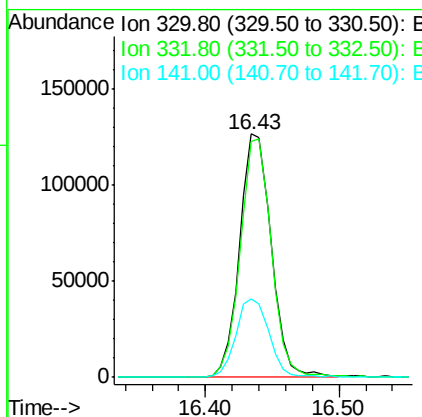
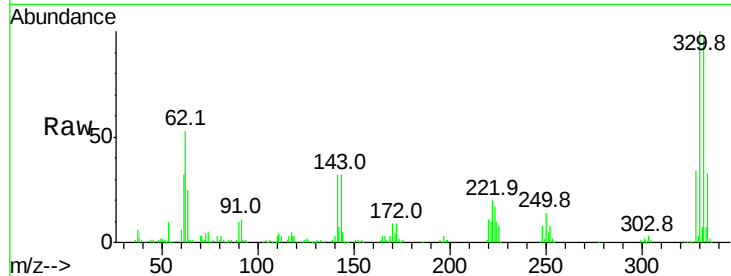




#41
 2,4,6-Tribromophenol
 Concen: 167.346 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

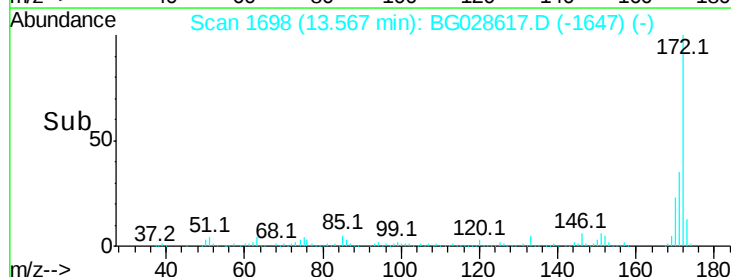
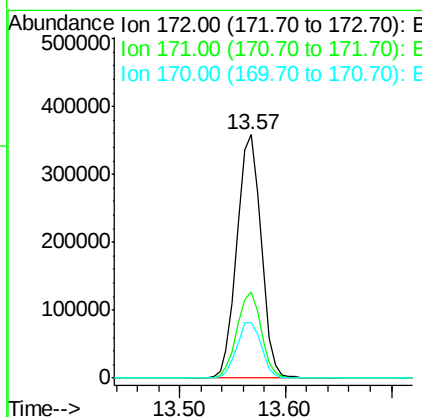
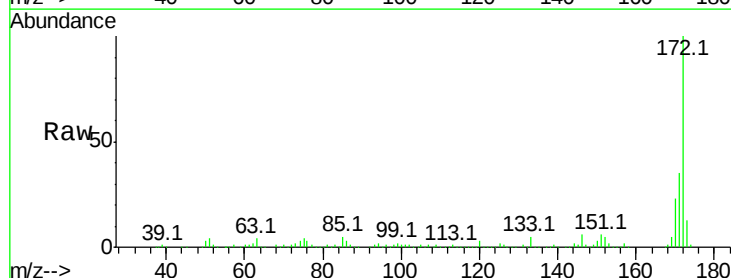
Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

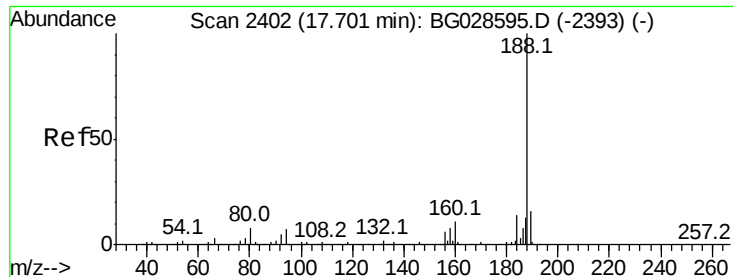
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	34.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 90.924 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028617.D
 Acq: 9 Sep 2017 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	23.0	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028617.D

Acq: 9 Sep 2017 16:21

Instrument :

BNA_G

ClientSampleId :

PB102150BL

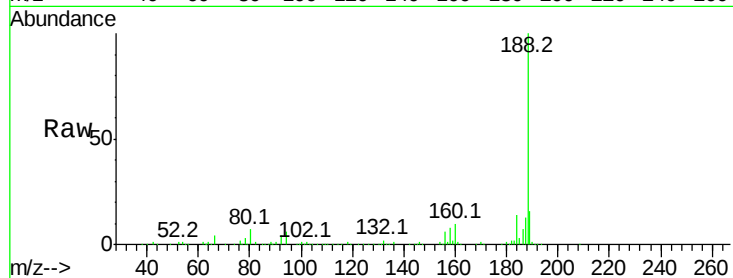
Tot Ion:188 Resp: 246124

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

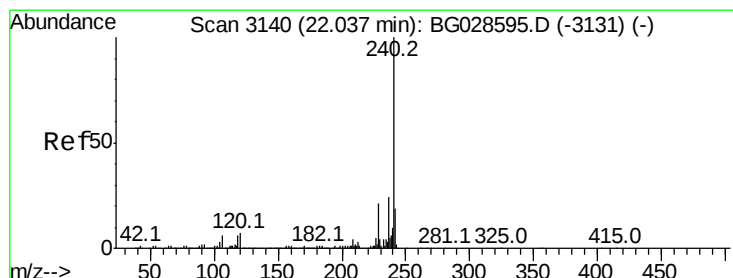
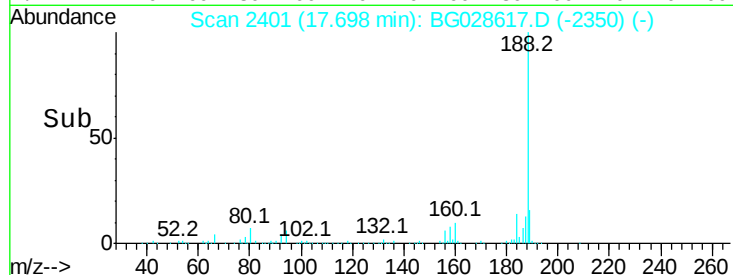
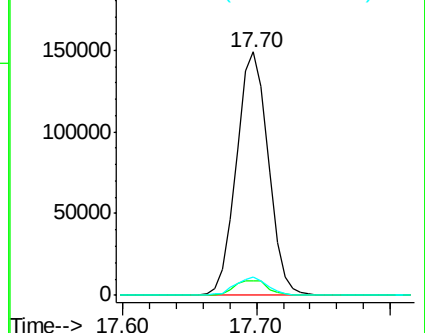
80 7.4 7.5 11.3#



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: BG028617.D

Acq: 9 Sep 2017 16:21

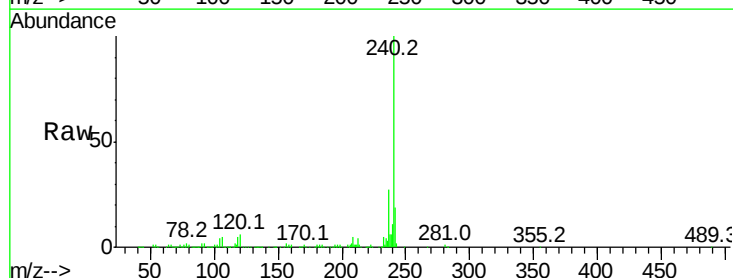
Tgt Ion:240 Resp: 298486

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

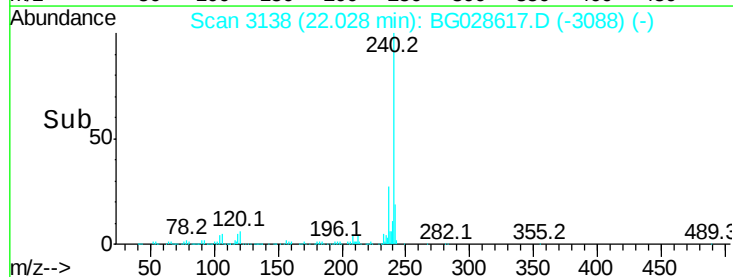
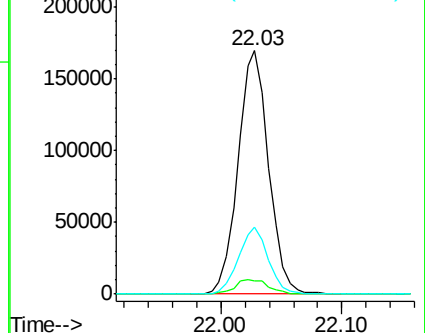
236 27.3 22.2 33.4

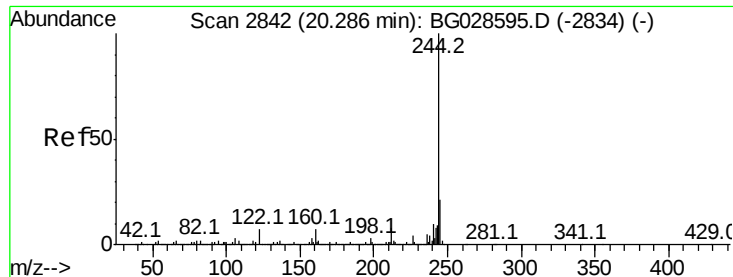


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.589 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028617.D

Acq: 9 Sep 2017 16:21

Instrument :

BNA_G

ClientSampleId :

PB102150BL

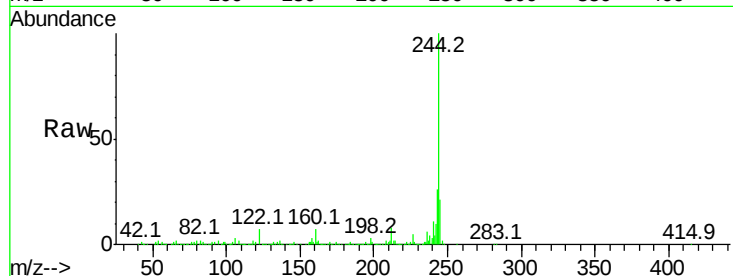
Tot Ion:244 Resp: 1227312

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

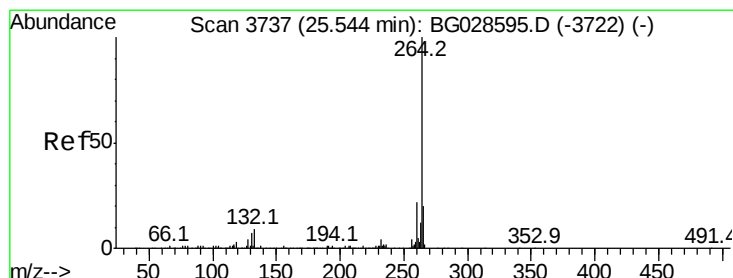
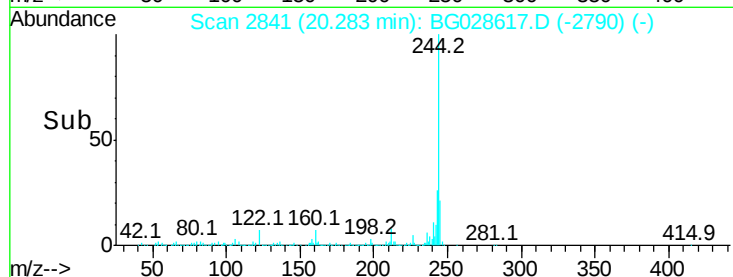
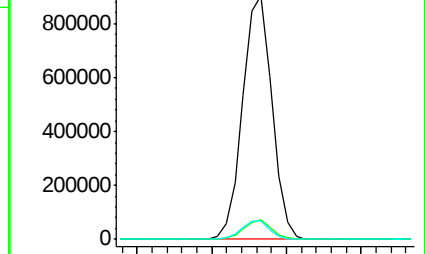
122 7.3 8.6 12.8#



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. -0.01 min

Lab File: BG028617.D

Acq: 9 Sep 2017 16:21

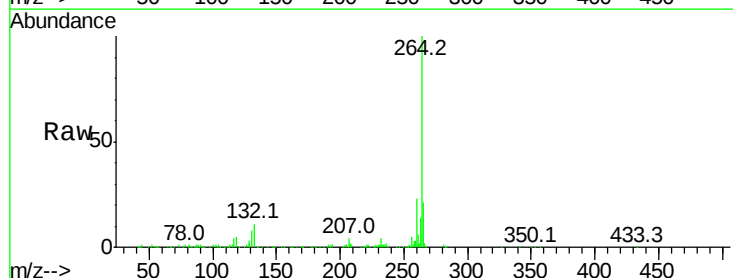
Tgt Ion:264 Resp: 300654

Ion Ratio Lower Upper

264 100

260 23.2 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

