

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028654.D
 Acq On : 11 Sep 2017 23:47
 Operator : SJ/JU
 Sample : PB102205BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102205BL

Quant Time: Sep 12 06:19:39 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	34061	20.00	ng	-0.01
21) Naphthalene-d8	11.15	136	135528	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	99988	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	287471	20.00	ng	0.00
75) Chrysene-d12	22.03	240	342990	20.00	ng	-0.01
86) Perylene-d12	25.53	264	339872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	176751	87.37	ng	0.00
7) Phenol-d6	7.49	99	242718	82.72	ng	0.00
23) Nitrobenzene-d5	9.50	82	231062	78.29	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	139545	91.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	585765	76.64	ng	0.00
78) Terphenyl-d14	20.28	244	1182968	74.31	ng	0.00

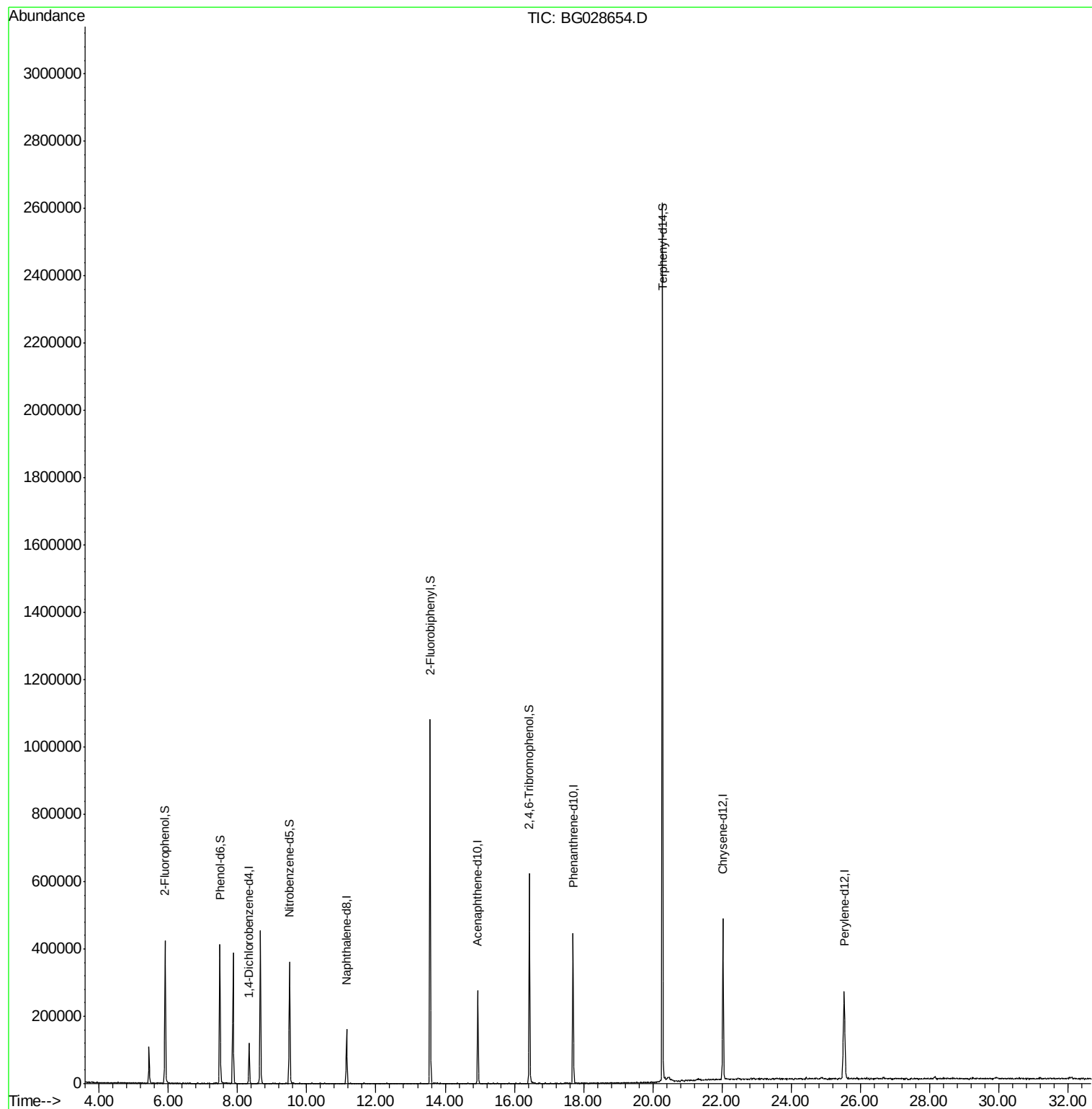
Target Compounds Qvalue

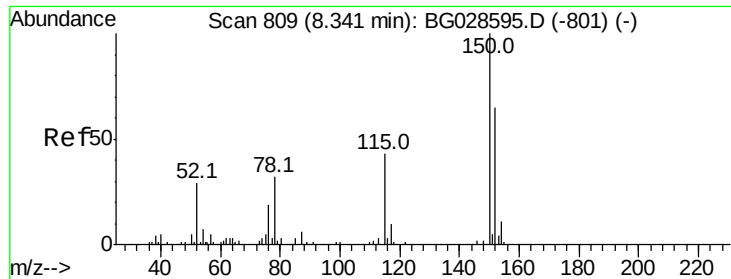
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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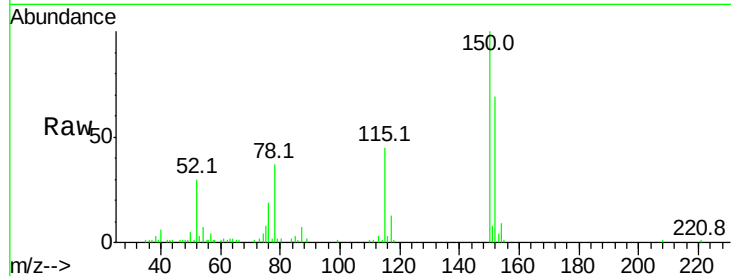


#1

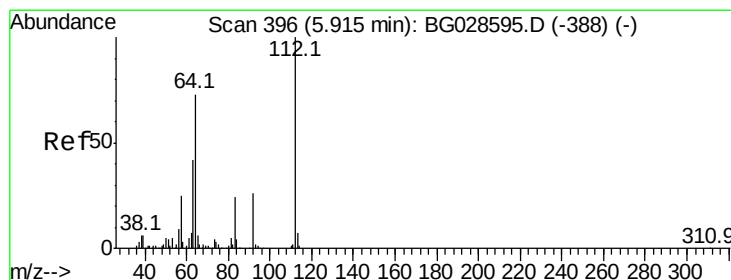
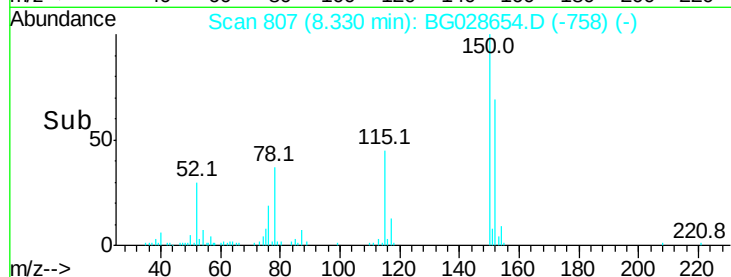
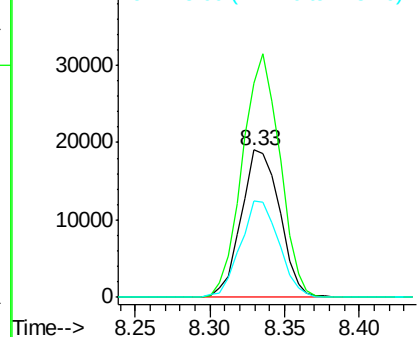
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Instrument :
BNA_G
ClientSampleId :
PB102205BL

Tot Ion:152 Resp: 34061
Ion Ratio Lower Upper
152 100
150 145.3 114.0 171.0
115 65.9 48.1 72.1



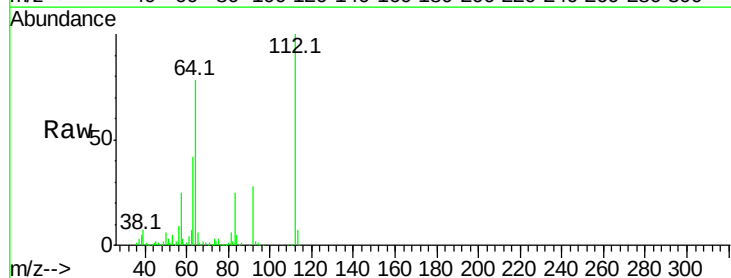
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



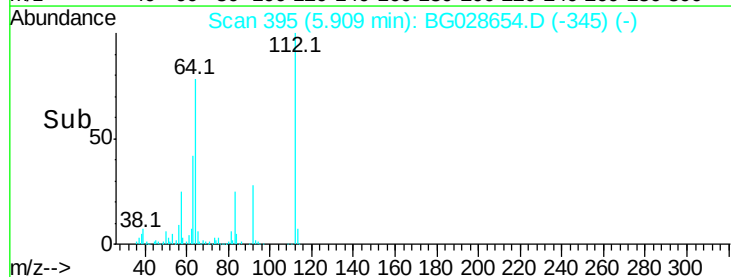
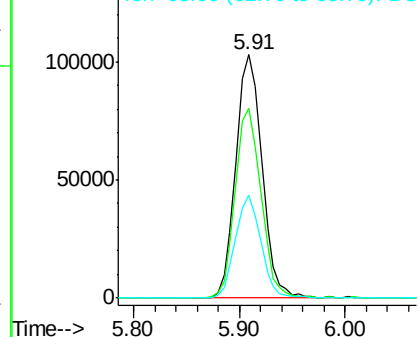
#5

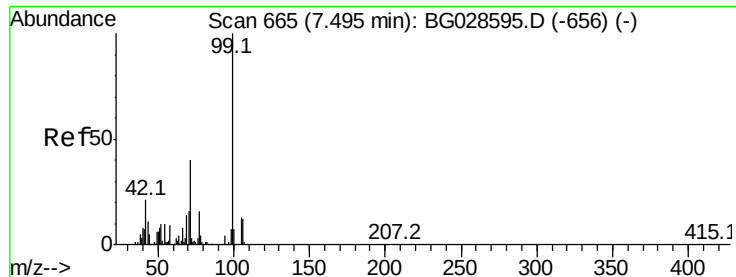
2-Fluorophenol
Concen: 87.373 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Tgt Ion:112 Resp: 176751
Ion Ratio Lower Upper
112 100
64 77.8 61.8 92.6
63 42.3 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: 82.719 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Instrument :

BNA_G

ClientSampleId :

PB102205BL

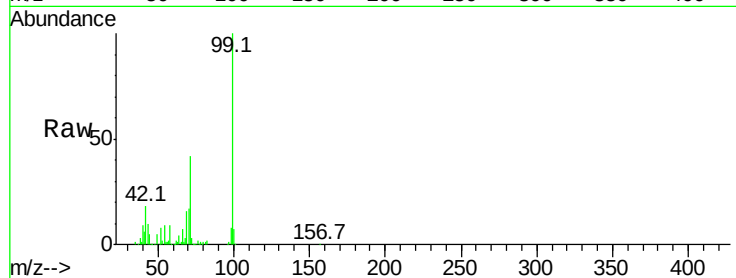
Tot Ion: 99 Resp: 242718

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

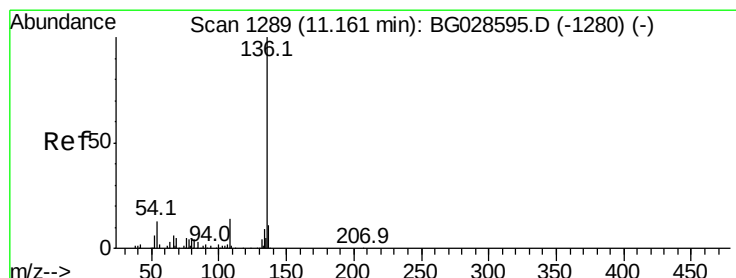
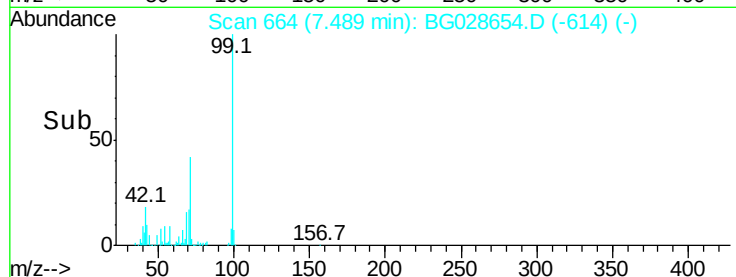
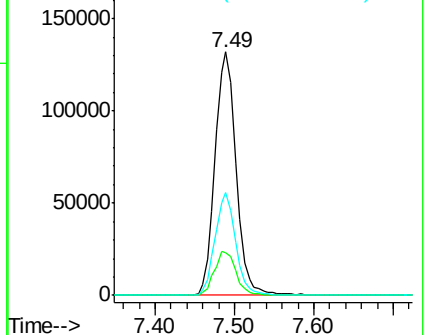
71 42.3 37.6 56.4



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: BG028654.D

Acq: 11 Sep 2017 23:47

Tgt Ion: 136 Resp: 135528

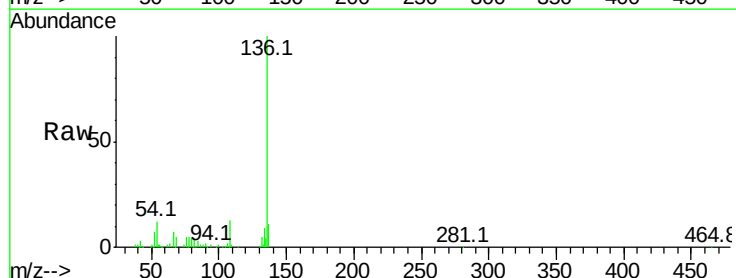
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 12.1 9.3 13.9

68 4.7 5.1 7.7#

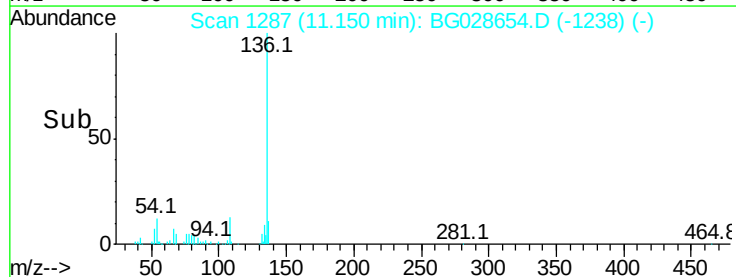
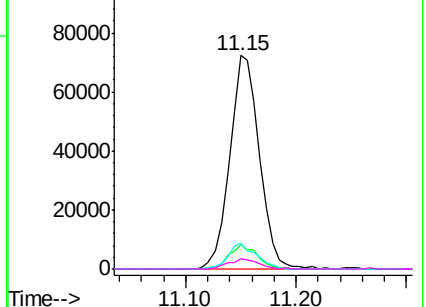


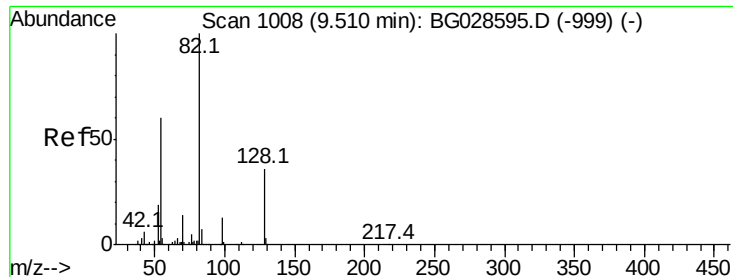
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

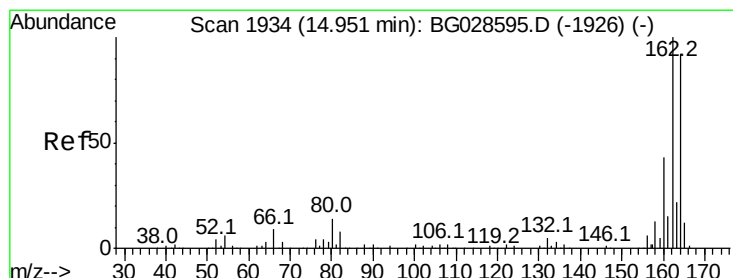
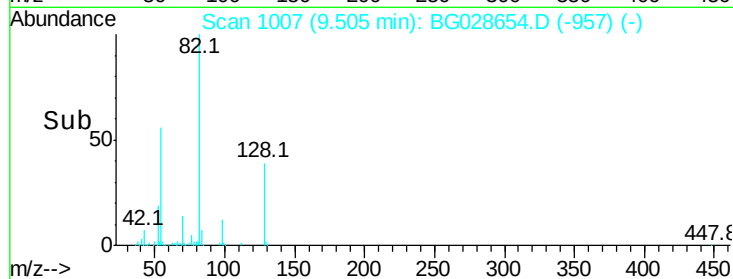
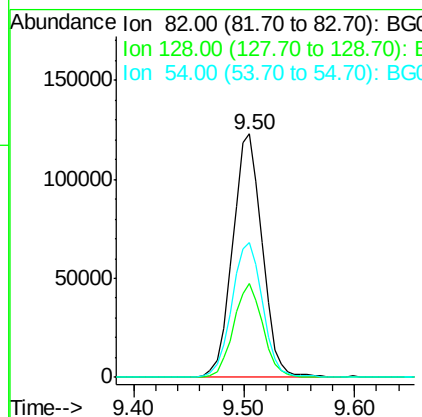
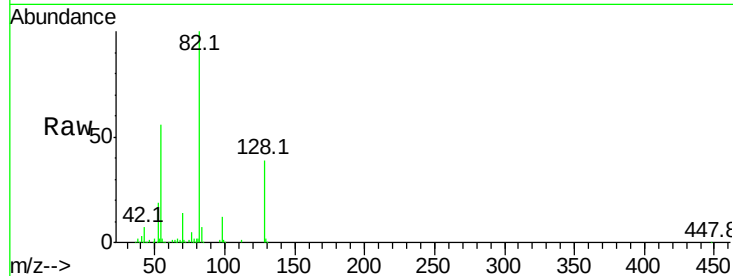




#23
 Nitrobenzene-d5
 Concen: 78.285 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

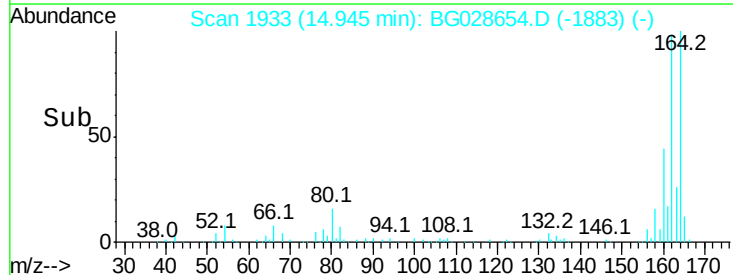
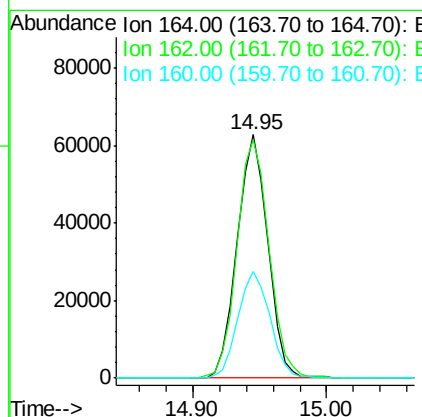
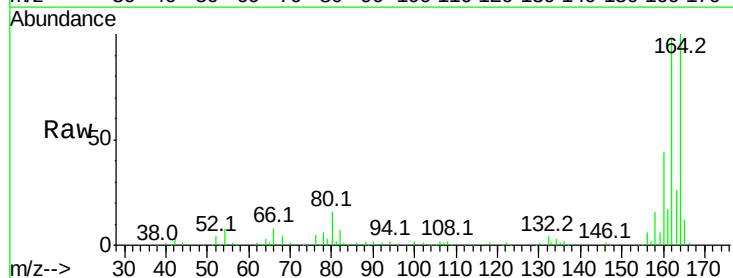
Instrument :
 BNA_G
 ClientSampleId :
 PB102205BL

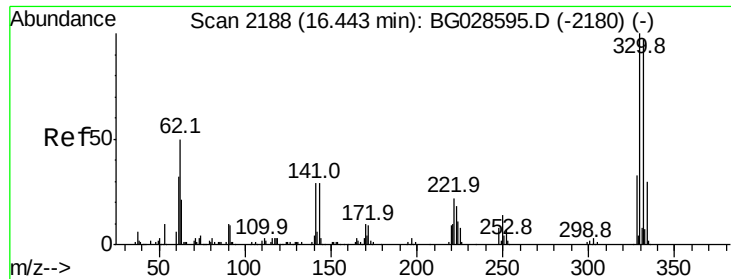
Tot Ion	82	Resp	231062
Ion Ratio	Lower	Upper	
82	100		
128	38.7	26.4	39.6
54	55.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

Tgt Ion	164	Resp	99988
Ion Ratio	Lower	Upper	
164	100		
162	98.1	85.1	127.7
160	43.8	34.7	52.1

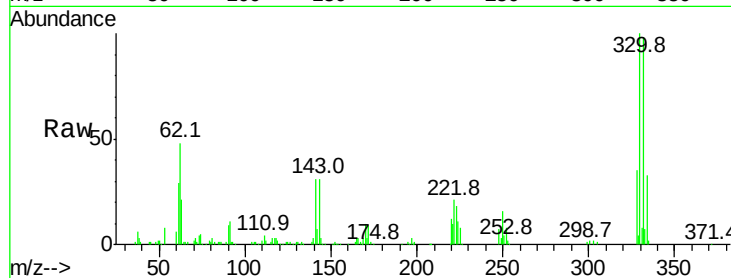




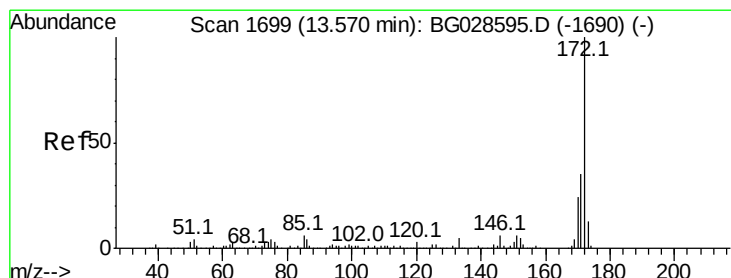
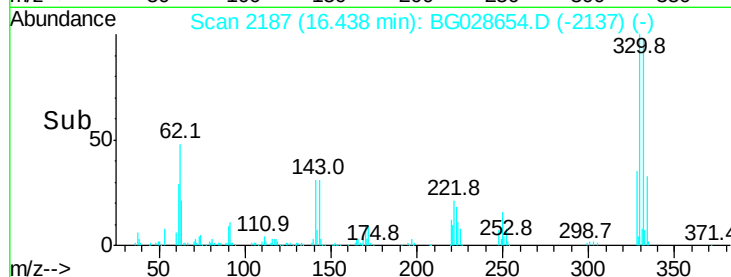
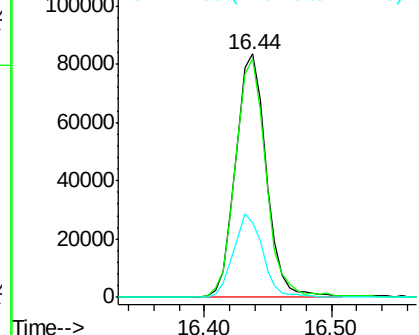
#41
 2,4,6-Tribromophenol
 Concen: 91.823 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

Instrument :
 BNA_G
 ClientSampled :
 PB102205BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	32.7	32.1	48.1

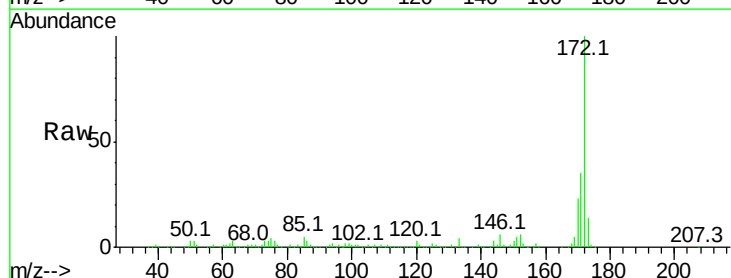


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

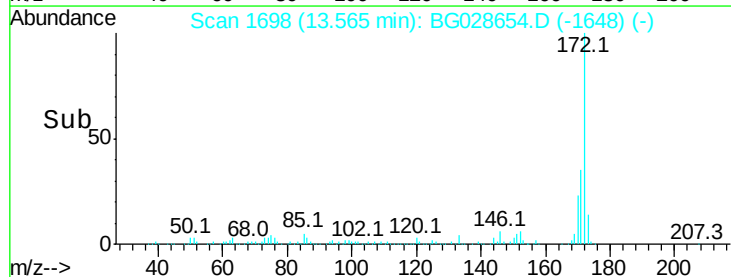
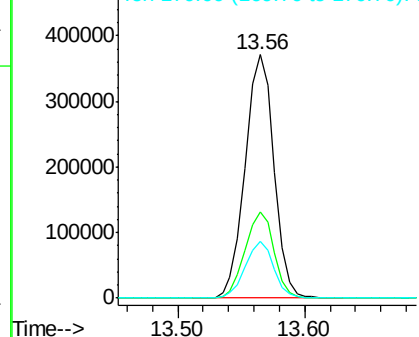


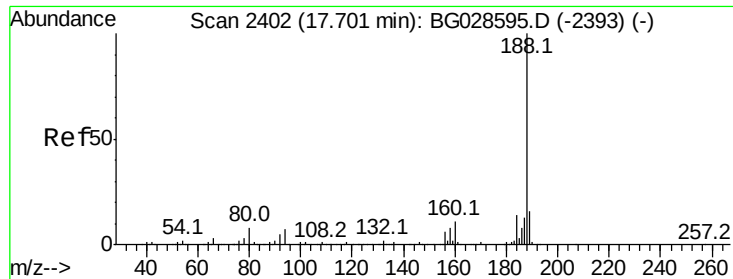
#44
 2-Fluorobiphenyl
 Concen: 76.640 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	23.2	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

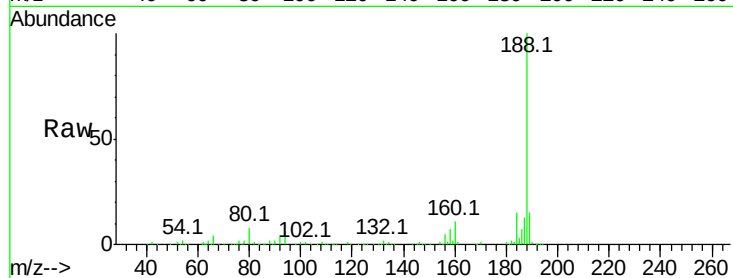




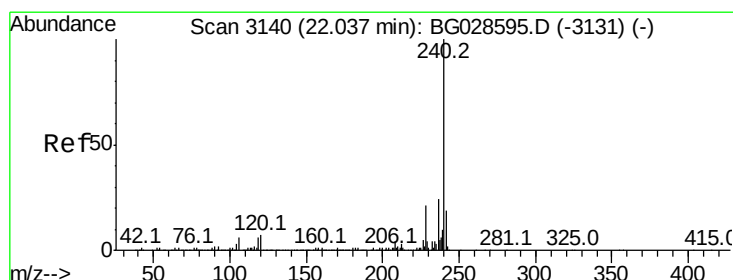
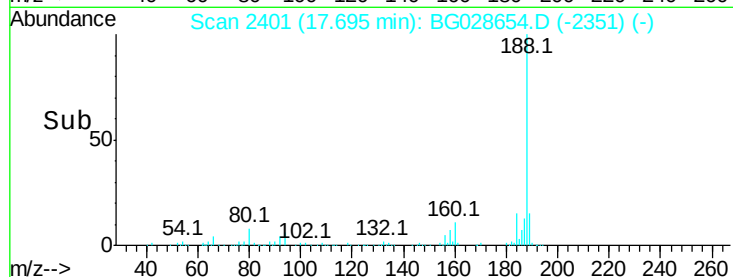
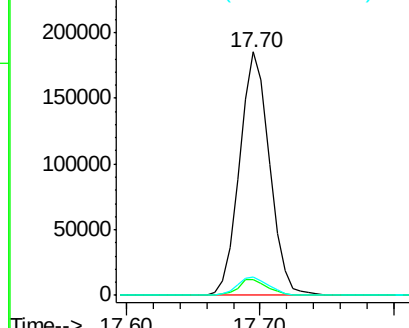
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Instrument :
BNA_G
ClientSampleId :
PB102205BL

Tot Ion:188 Resp: 287471
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.6 7.5 11.3

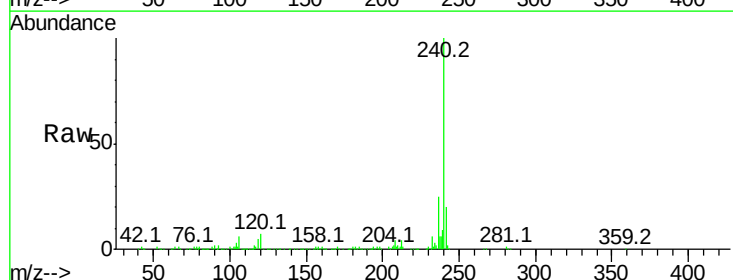


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

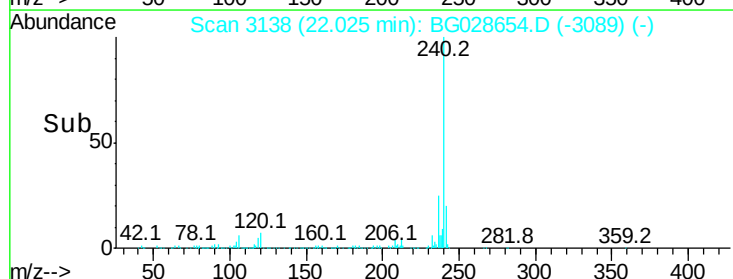
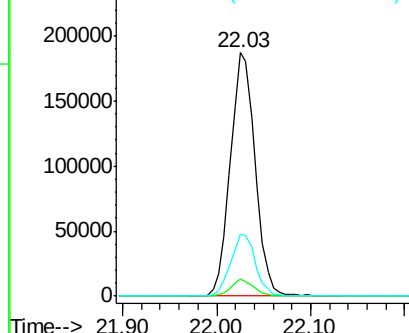


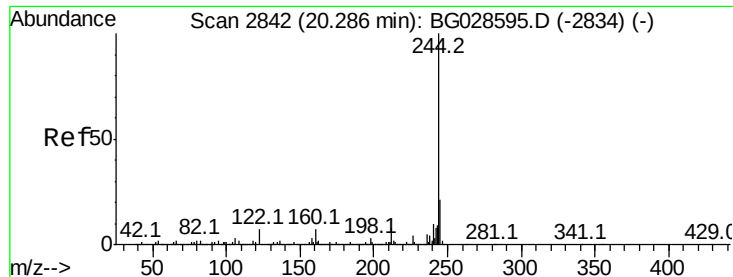
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Tgt Ion:240 Resp: 342990
Ion Ratio Lower Upper
240 100
120 6.9 5.7 8.5
236 25.4 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: 74.309 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Instrument :

BNA_G

ClientSampleId :

PB102205BL

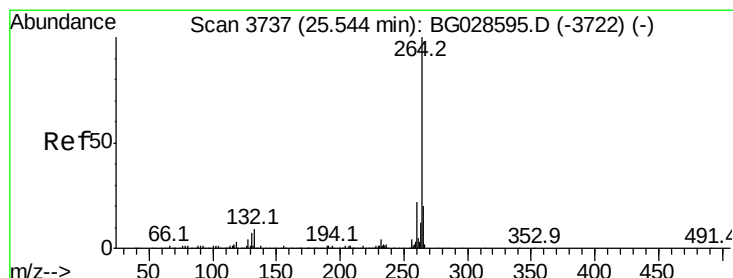
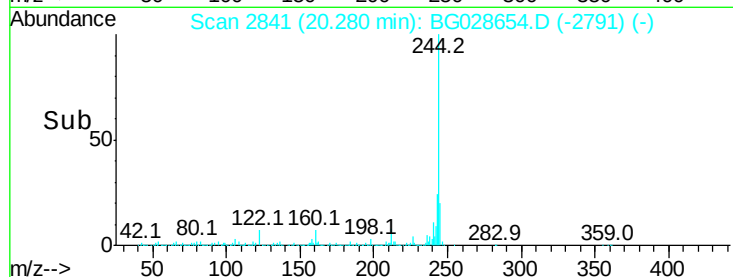
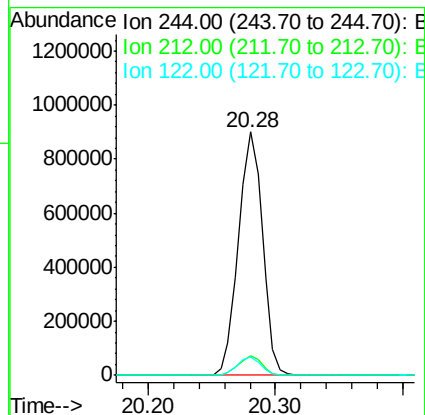
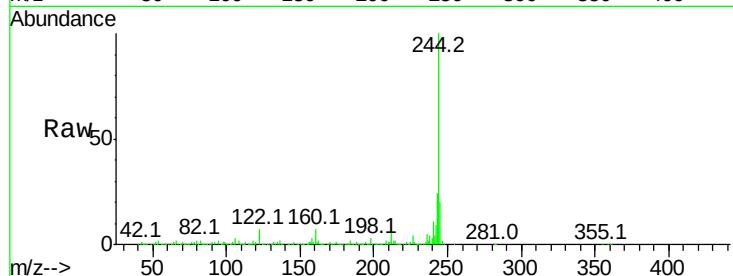
Tot Ion:244 Resp: 1182968

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 7.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Tgt Ion:264 Resp: 339872

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 22.4 18.2 27.4

