

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028693.D
 Acq On : 13 Sep 2017 11:32
 Operator : SJ/JU
 Sample : I5184-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-090817

Quant Time: Sep 13 12:59:47 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	8.33	152	38044	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	147869	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	105746	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	296662	20.00	ng	0.00
75) Chrysene-d12	22.02	240	327799	20.00	ng	0.00
86) Perylene-d12	25.53	264	342876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	176815	76.69	ng	0.00
7) Phenol-d6	7.48	99	221847	63.91	ng	0.00
23) Nitrobenzene-d5	9.50	82	166284	53.79	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	151746	86.76	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	425138	53.61	ng	0.00
78) Terphenyl-d14	20.28	244	877209	57.07	ng	0.00

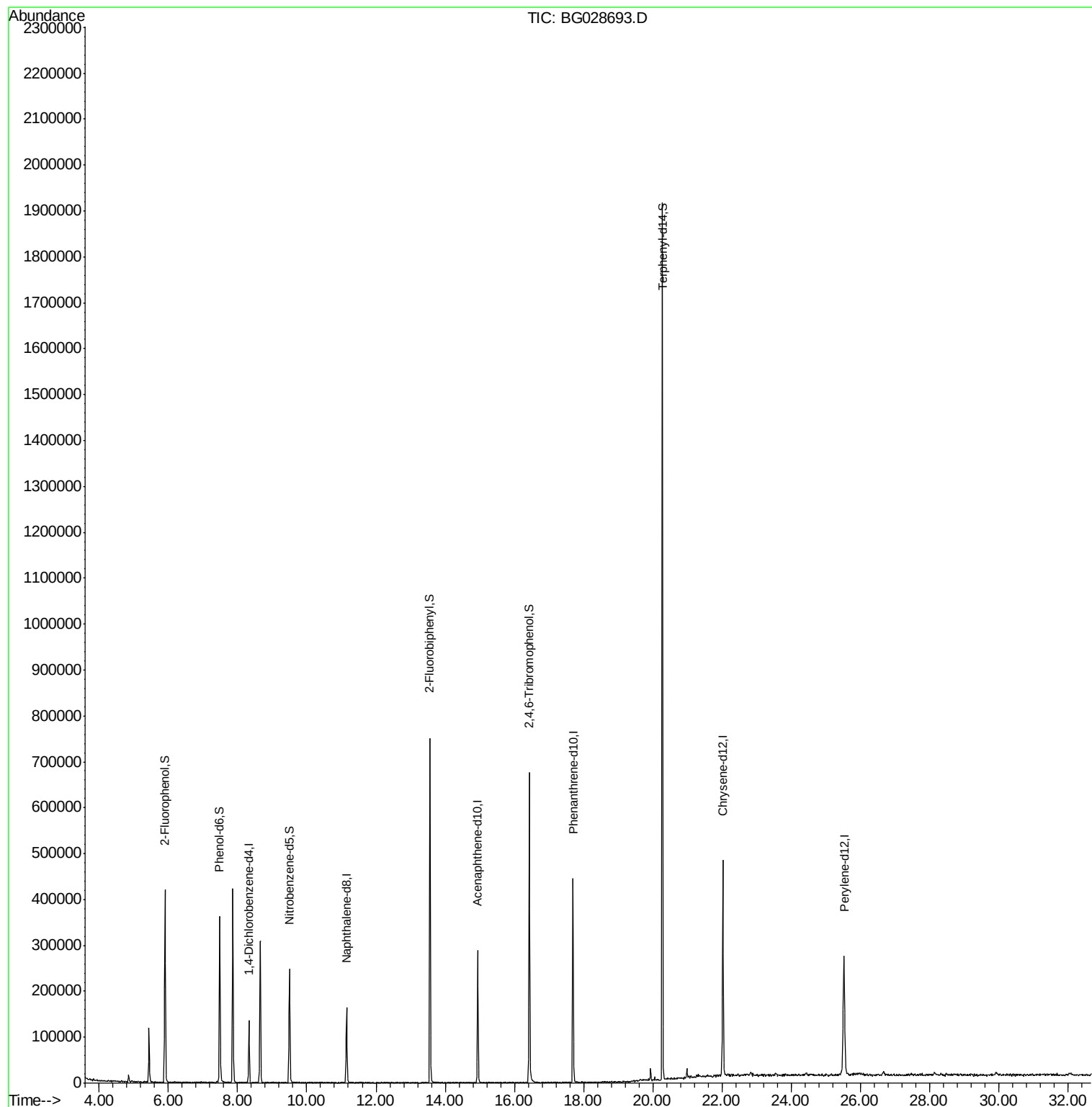
Target Compounds Qvalue

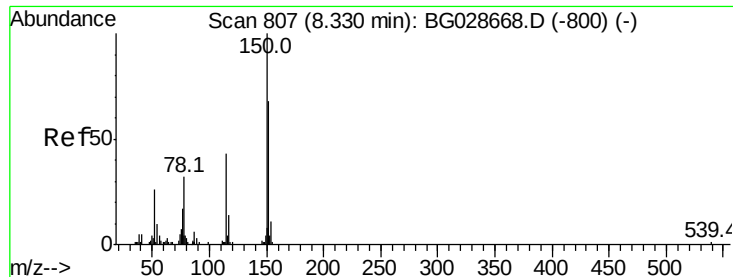
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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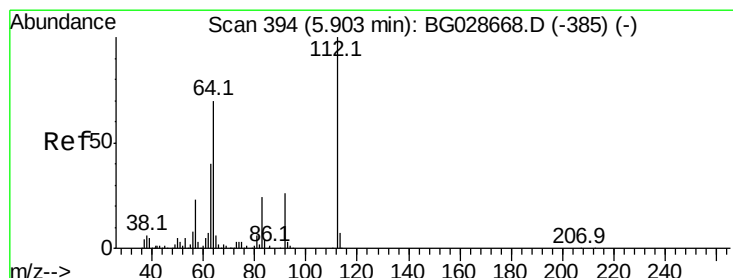
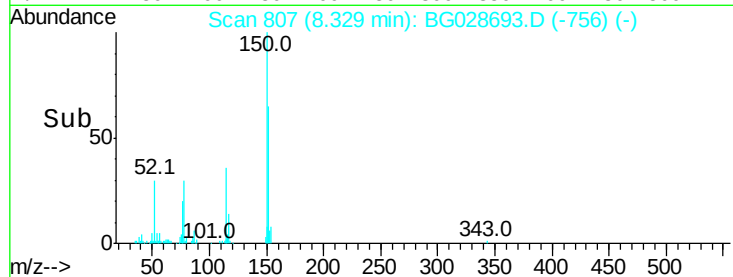
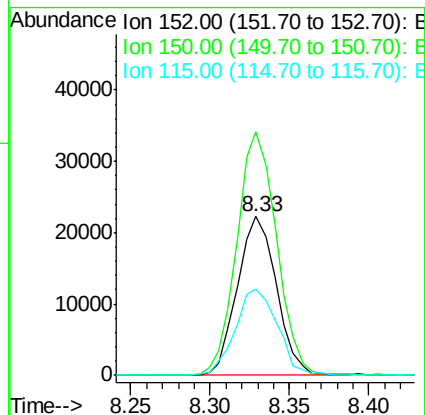
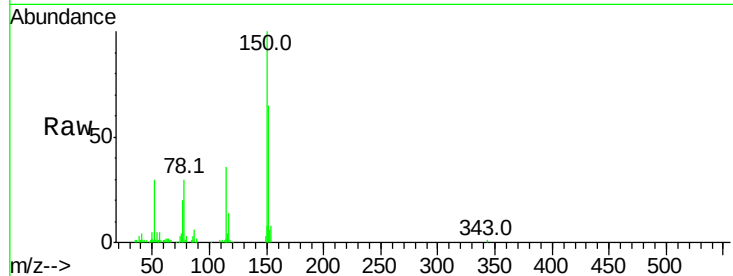


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

Instrument :
BNA_G
ClientSampleId :
OK-02-090817

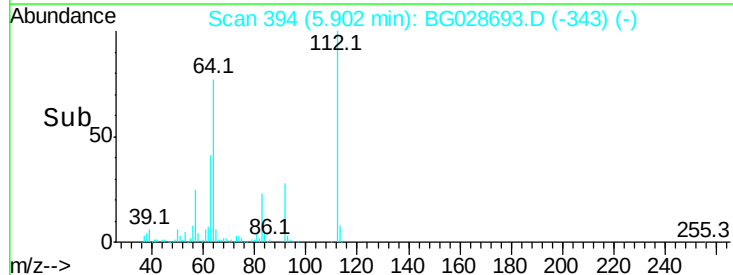
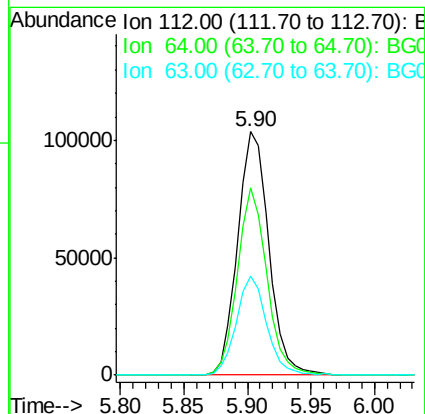
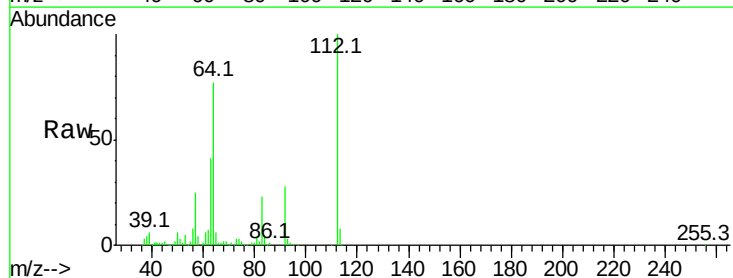
Tot Ion:152 Resp: 38044
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 54.4 48.1 72.1

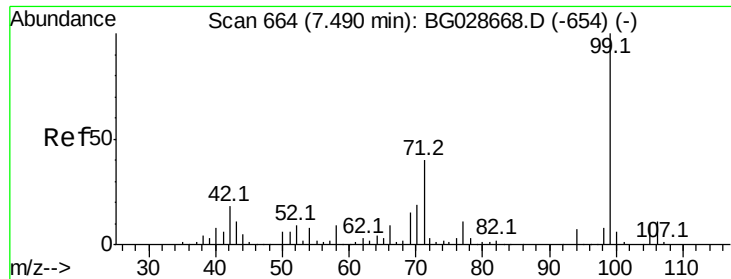


#5

2-Fluorophenol
Concen: 76.688 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

Tgt Ion:112 Resp: 176815
Ion Ratio Lower Upper
112 100
64 76.7 61.8 92.6
63 40.5 37.2 55.8





#7

Phenol-d6

Concen: 63.907 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

Instrument :

BNA_G

ClientSampleId :

OK-02-090817

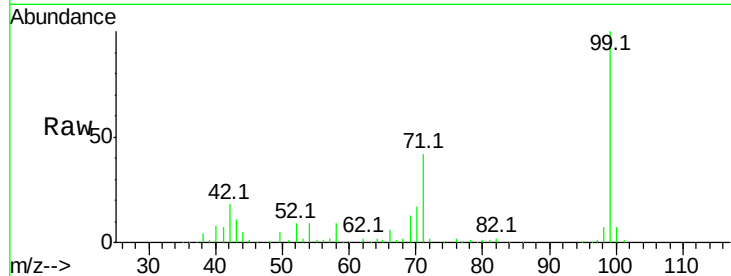
Tot Ion: 99 Resp: 221847

Ion Ratio Lower Upper

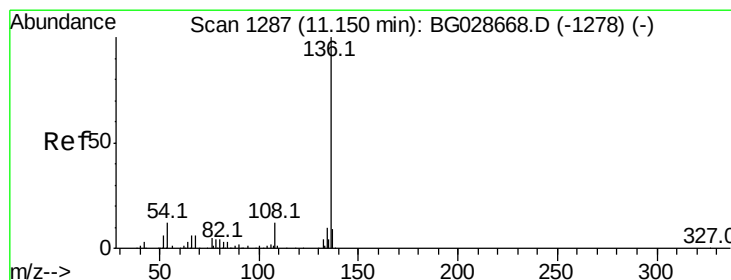
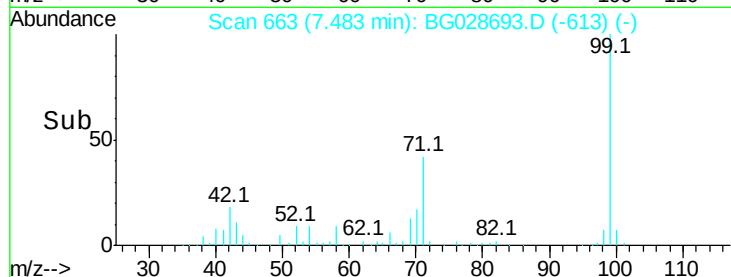
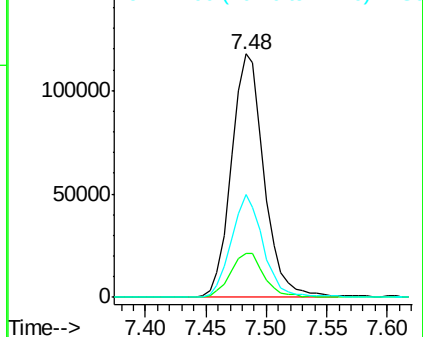
99 100

42 18.1 20.5 30.7#

71 42.4 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: 11.16 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

Tgt Ion: 136 Resp: 147869

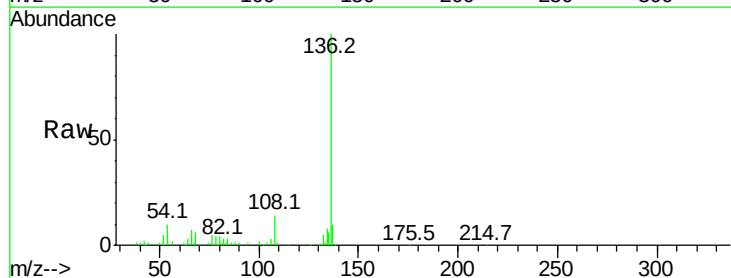
Ion Ratio Lower Upper

136 100

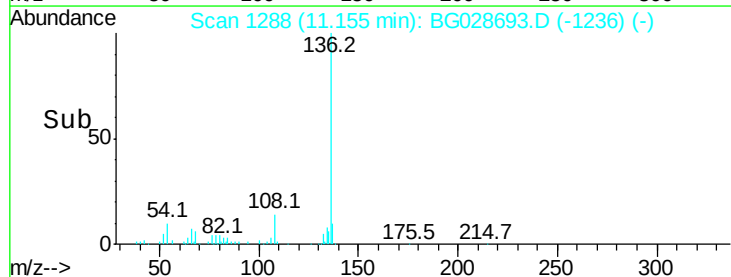
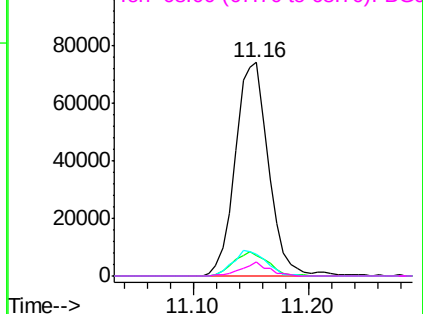
137 9.8 8.9 13.3

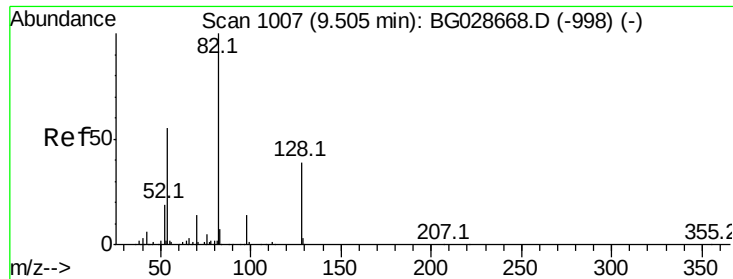
54 10.4 9.3 13.9

68 6.5 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

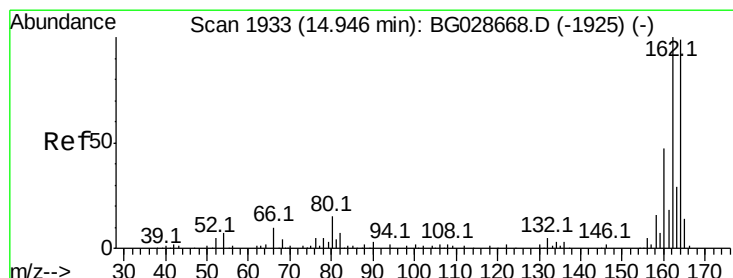
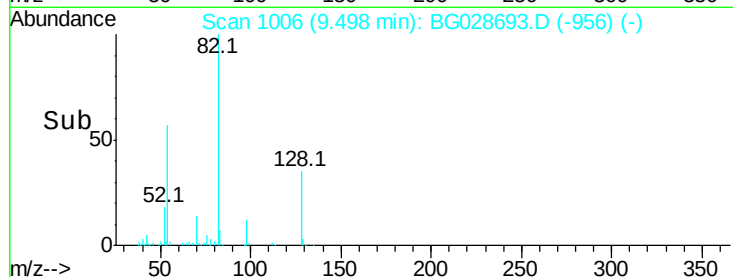
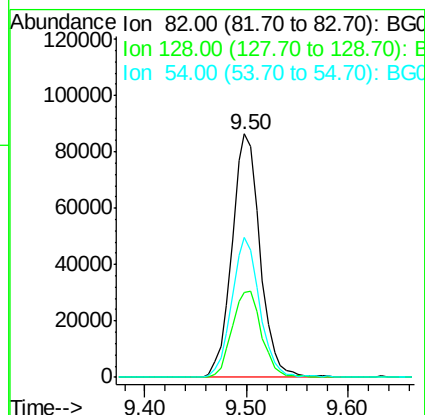
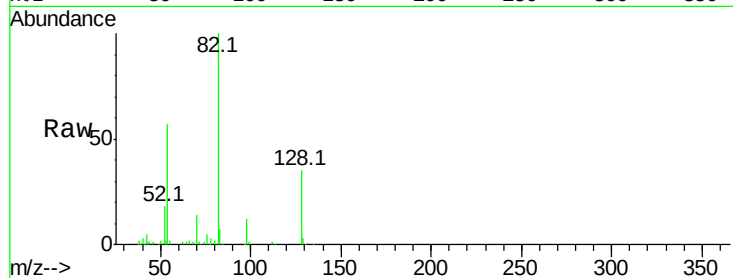




#23
Nitrobenzene-d5
Concen: 53.795 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

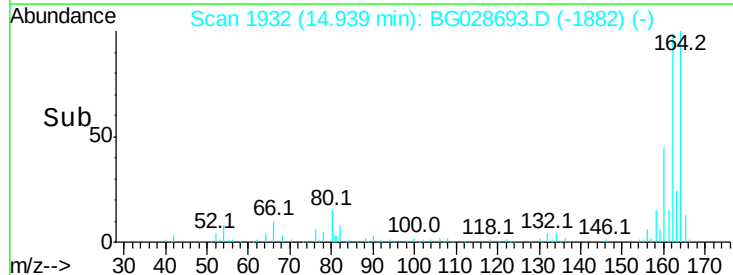
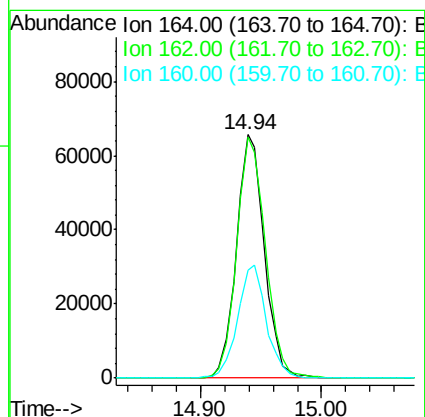
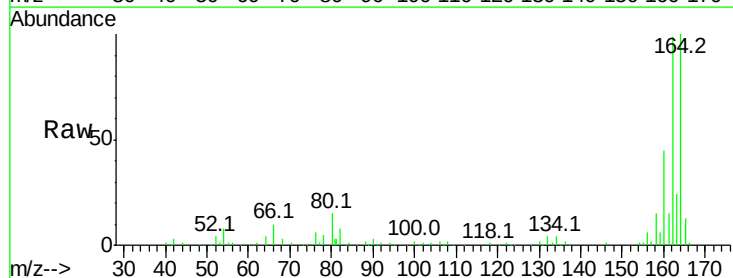
Instrument :
BNA_G
ClientSampleId :
OK-02-090817

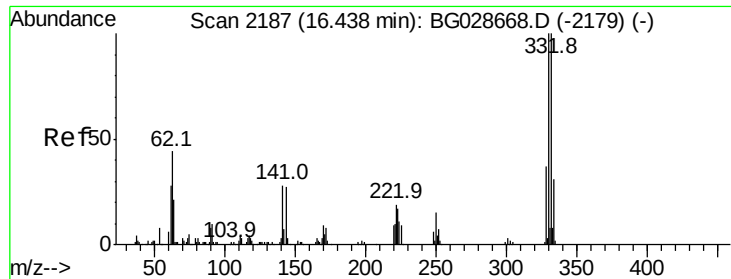
Tot Ion	82	Resp	166284
Ion Ratio	Lower	Upper	
82	100		
128	35.0	26.4	39.6
54	57.4	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

Tgt Ion	164	Resp	105746
Ion Ratio	Lower	Upper	
164	100		
162	98.9	85.1	127.7
160	44.5	34.7	52.1

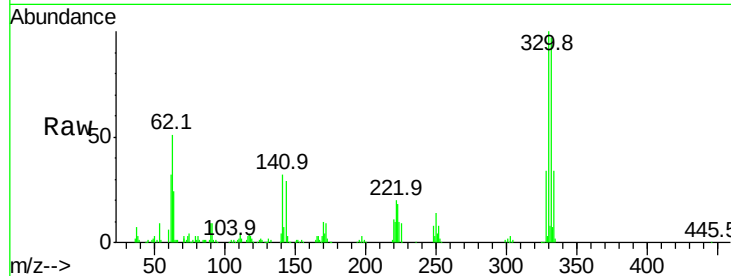




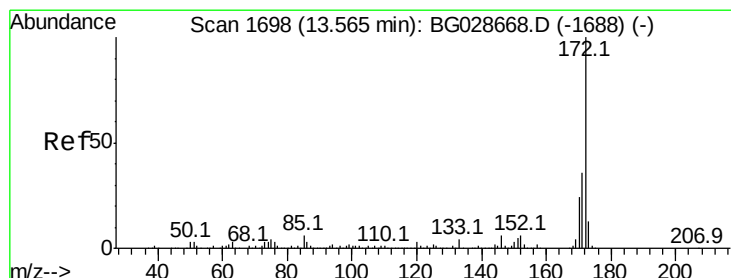
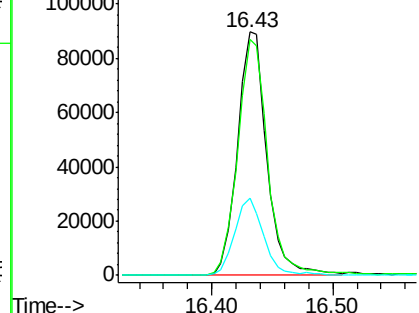
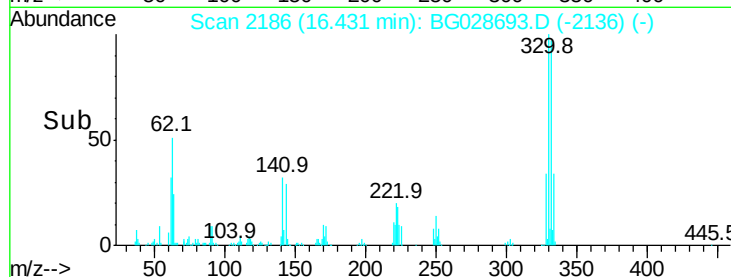
#41
2,4,6-Tribromophenol
Concen: 86.763 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

Instrument :
BNA_G
ClientSampleId :
OK-02-090817

Tot Ion:330 Resp: 151746
Ion Ratio Lower Upper
330 100
332 99.7 77.3 115.9
141 31.8 32.1 48.1#

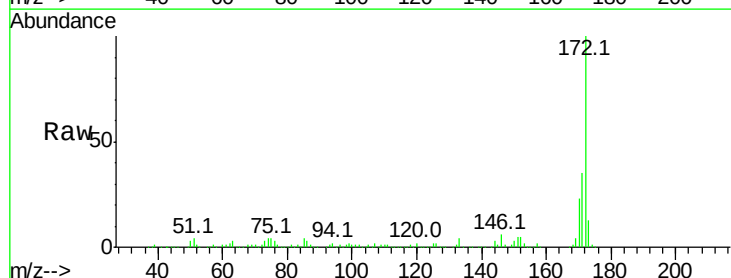


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

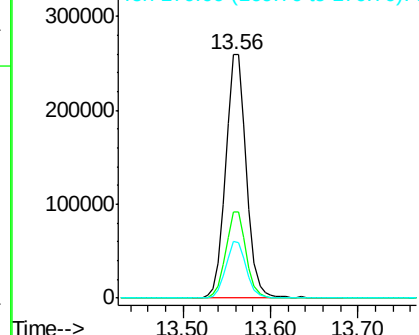
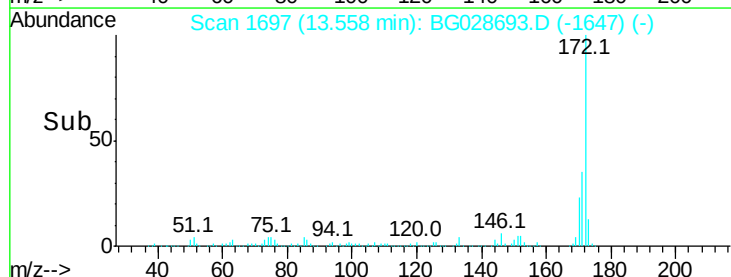


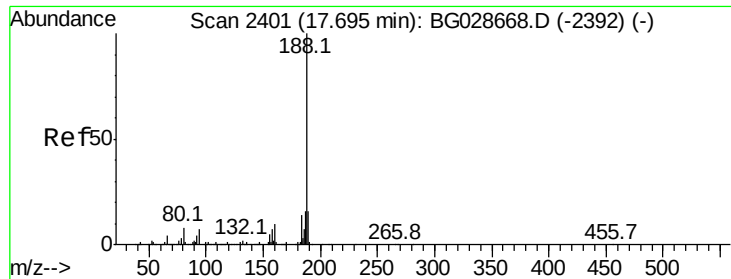
#44
2-Fluorobiphenyl
Concen: 53.609 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028693.D
Acq: 13 Sep 2017 11:32

Tgt Ion:172 Resp: 425138
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 23.5 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: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

Instrument :

BNA_G

ClientSampleId :

OK-02-090817

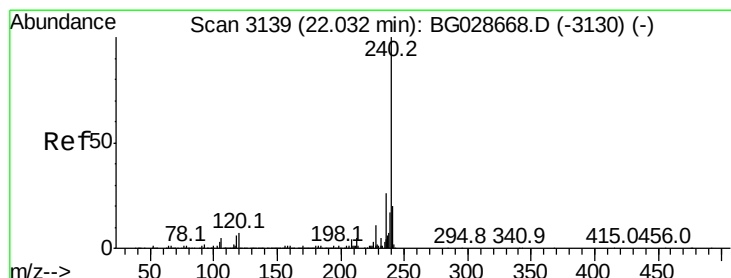
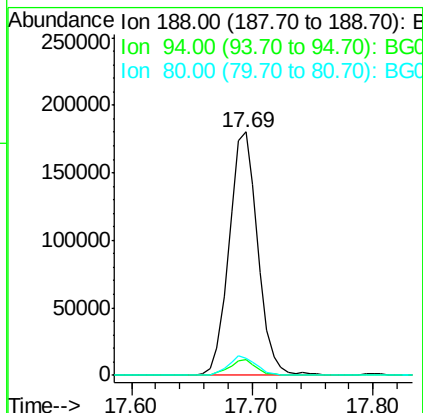
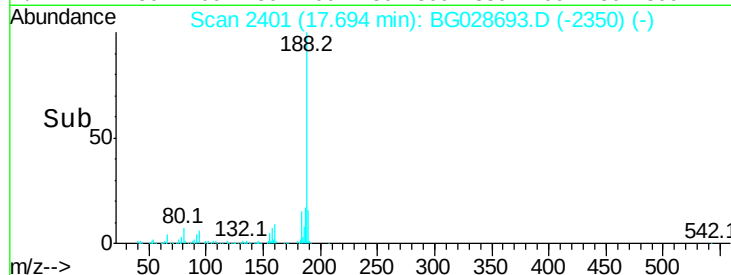
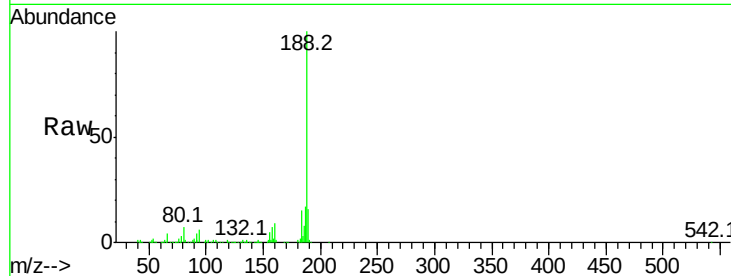
Tot Ion:188 Resp: 296662

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

80 7.0 7.5 11.3#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

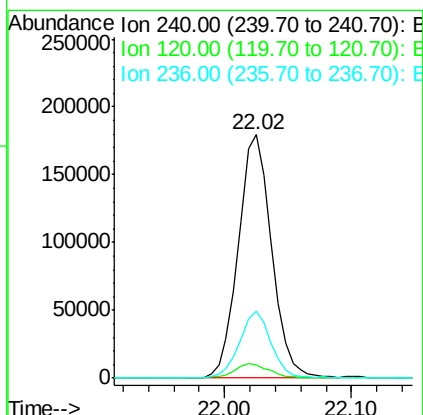
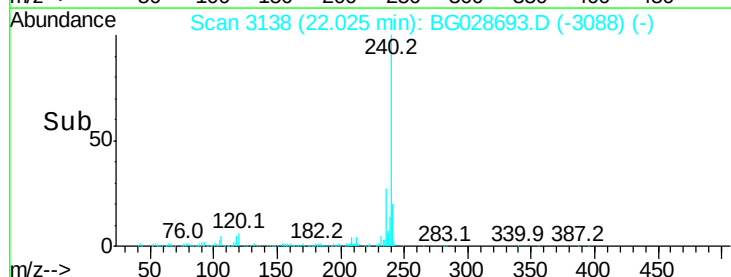
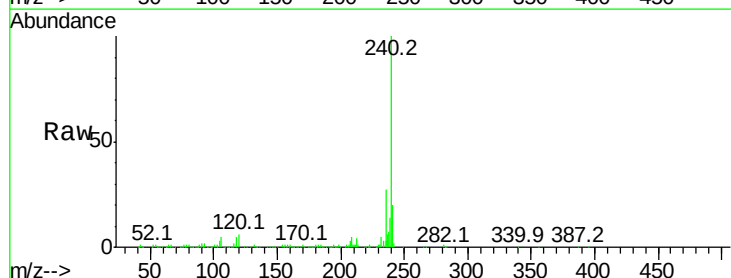
Tgt Ion:240 Resp: 327799

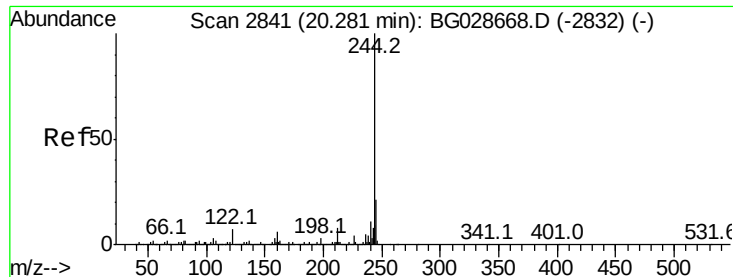
Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 27.4 22.2 33.4





#78

Terphenyl-d14

Concen: 57.069 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

Instrument :

BNA_G

ClientSampleId :

OK-02-090817

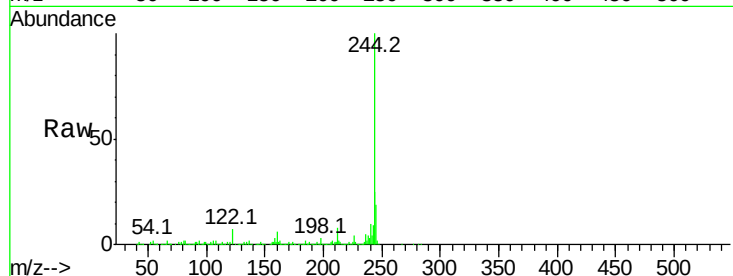
Tot Ion:244 Resp: 877209

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

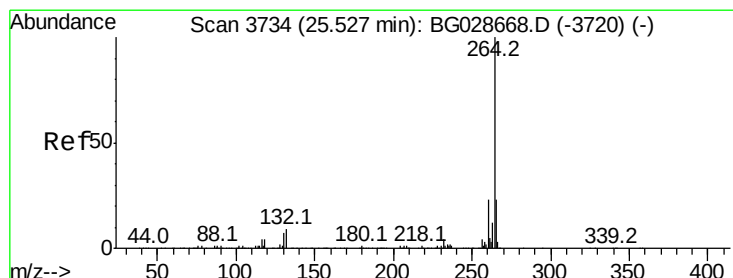
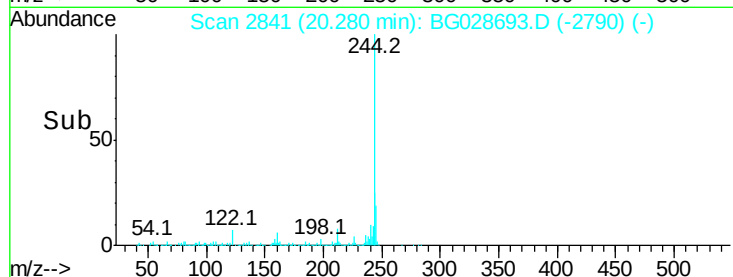
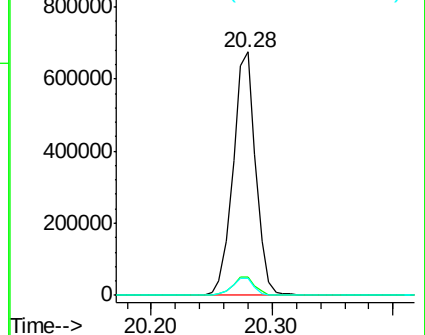
122 6.8 8.6 12.8#



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. -0.00 min

Lab File: BG028693.D

Acq: 13 Sep 2017 11:32

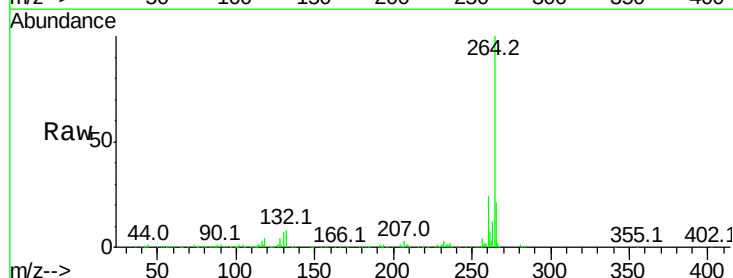
Tgt Ion:264 Resp: 342876

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.2 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

