

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028719.D
 Acq On : 14 Sep 2017 6:04
 Operator : SJ/JU
 Sample : I5172-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020

Quant Time: Sep 14 09:11:16 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	22554	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	88917	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	66206	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	218679	20.00	ng	0.00
75) Chrysene-d12	22.02	240	261048	20.00	ng	0.00
86) Perylene-d12	25.52	264	260652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	222231	162.58	ng	0.00
7) Phenol-d6	7.49	99	281672	136.87	ng	0.00
23) Nitrobenzene-d5	9.50	82	206026	110.84	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	232391	212.23	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	531994	107.15	ng	0.00
78) Terphenyl-d14	20.28	244	1339709	109.44	ng	0.00

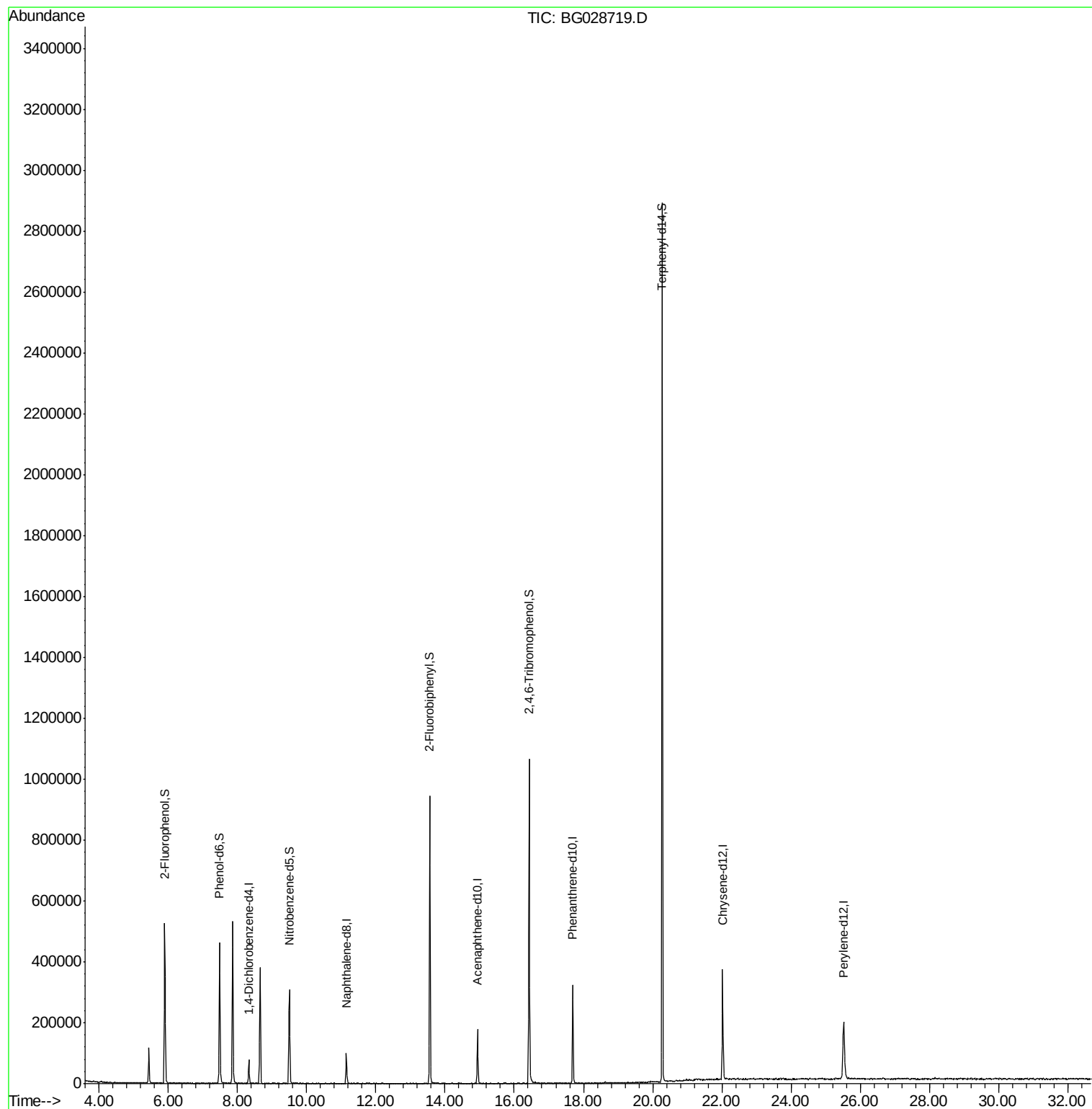
Target Compounds Qvalue

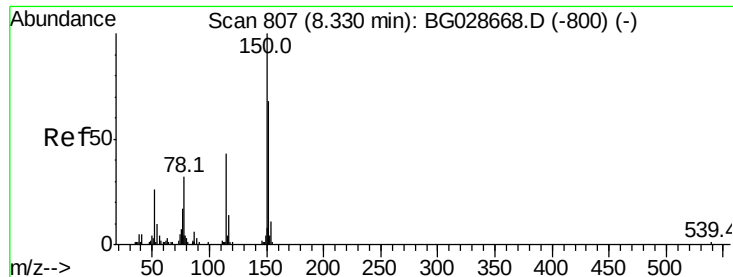
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028719.D
Acq On : 14 Sep 2017 6:04
Operator : SJ/JU
Sample : I5172-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S32-9020

Quant Time: Sep 14 09:11:16 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



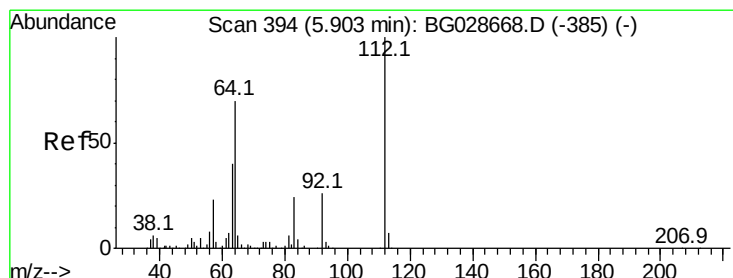
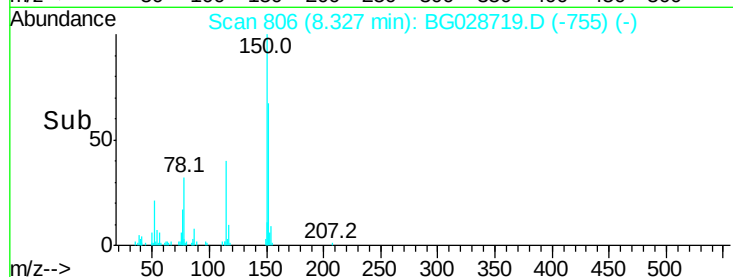
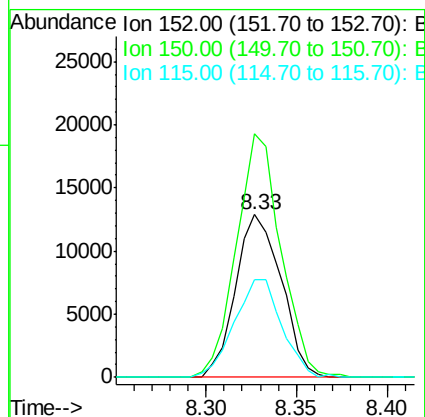
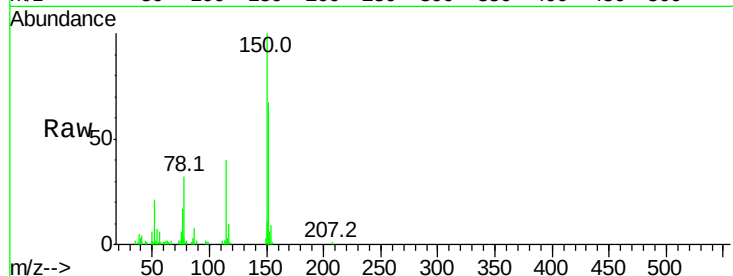


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Instrument :
BNA_G
ClientSampleId :
S32-9020

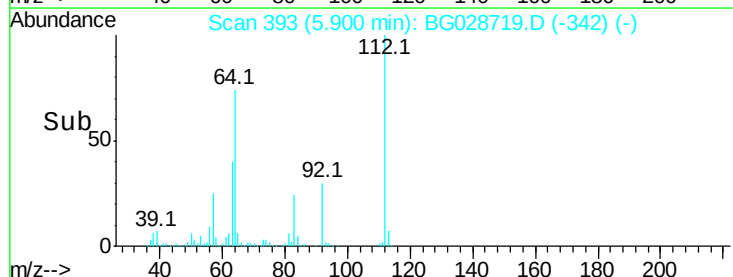
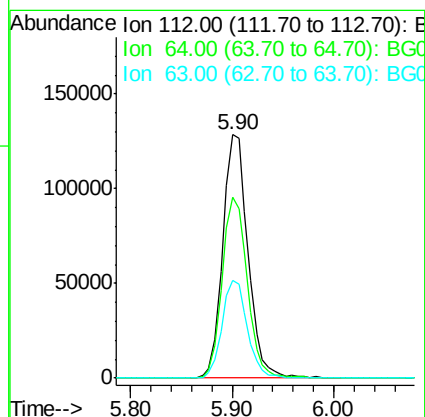
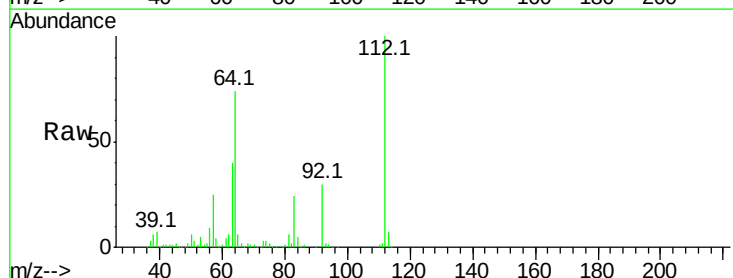
Tot Ion:152 Resp: 22554
Ion Ratio Lower Upper
152 100
150 149.7 114.0 171.0
115 59.7 48.1 72.1

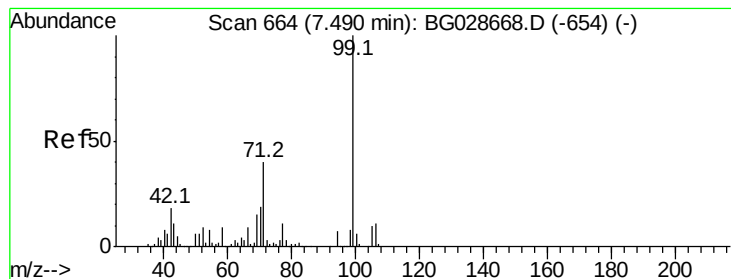


#5

2-Fluorophenol
Concen: 162.584 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Tgt Ion:112 Resp: 222231
Ion Ratio Lower Upper
112 100
64 74.1 61.8 92.6
63 40.0 37.2 55.8





#7

Phenol-d6

Concen: 136.868 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S32-9020

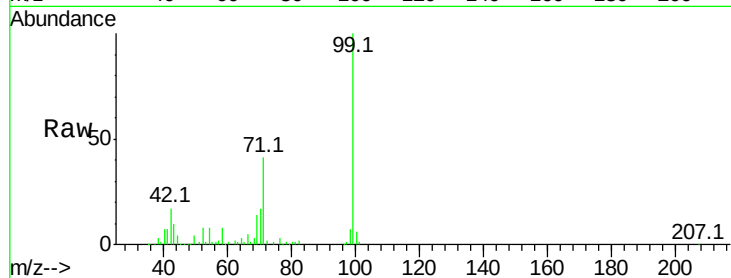
Tot Ion: 99 Resp: 281672

Ion Ratio Lower Upper

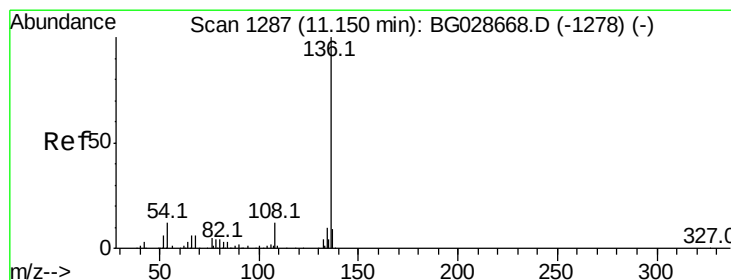
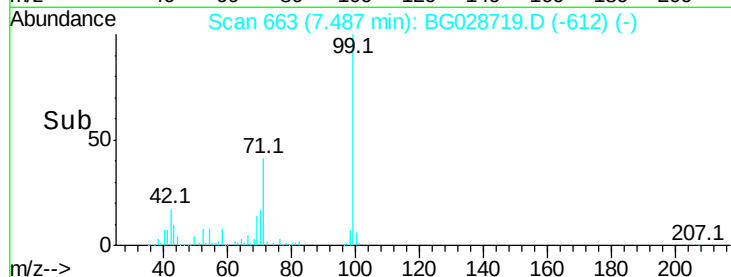
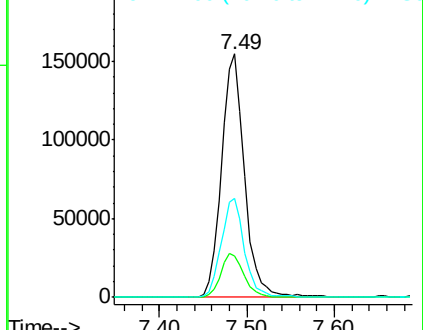
99 100

42 16.8 20.5 30.7#

71 40.6 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# 1286

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Tgt Ion: 136 Resp: 88917

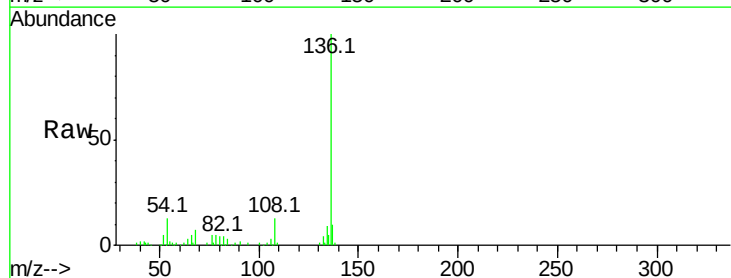
Ion Ratio Lower Upper

136 100

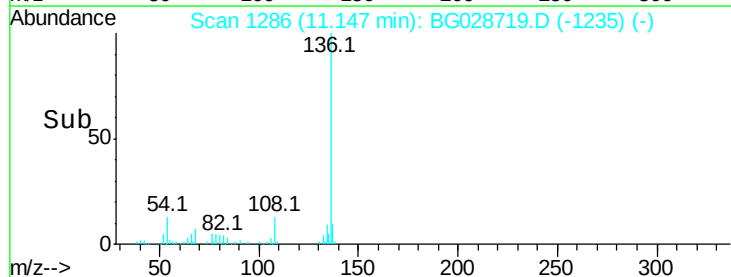
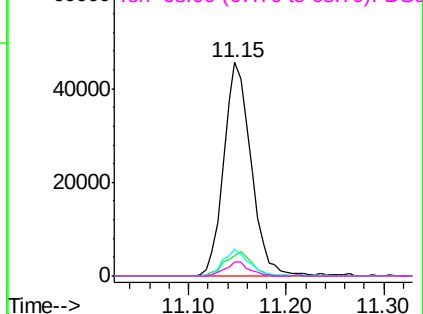
137 9.5 8.9 13.3

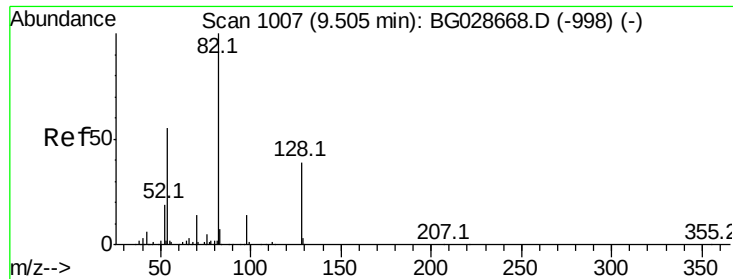
54 12.6 9.3 13.9

68 6.7 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

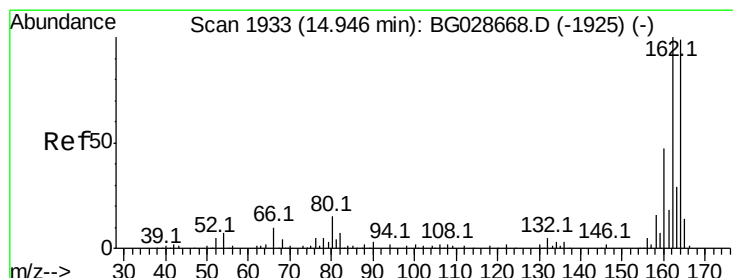
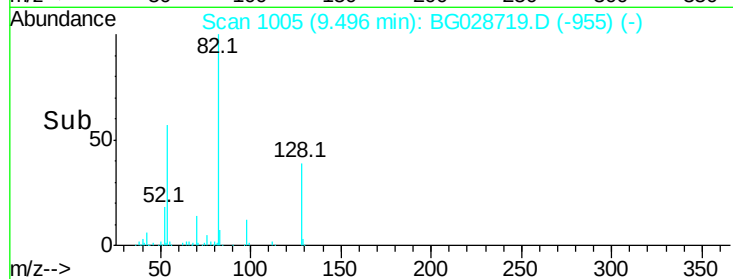
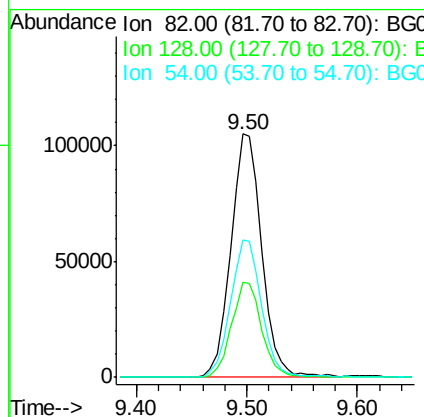
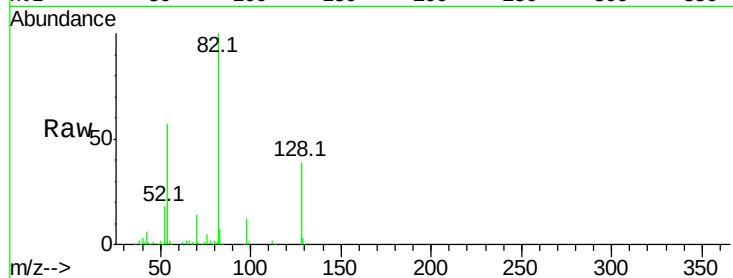




#23
 Nitrobenzene-d5
 Concen: 110.842 ng
 RT: 9.50 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG028719.D
 Acq: 14 Sep 2017 6:04

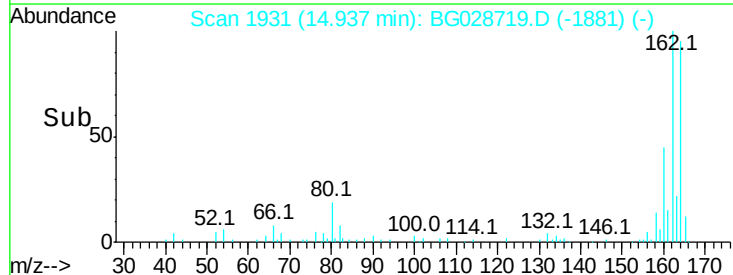
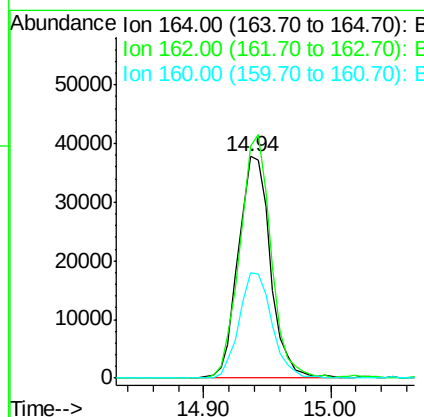
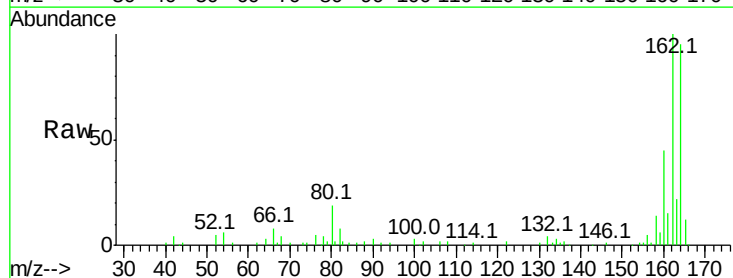
Instrument :
 BNA_G
 ClientSampled :
 S32-9020

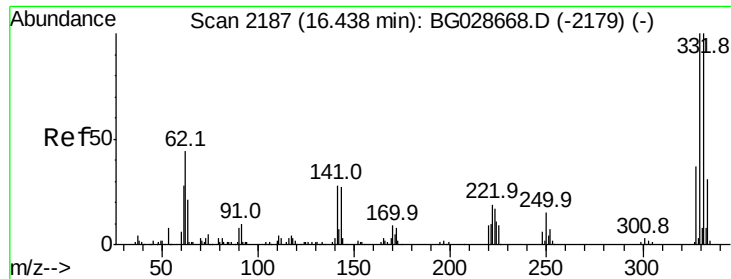
Tot Ion	82	Resp	206026
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG028719.D
 Acq: 14 Sep 2017 6:04

Tgt Ion	164	Resp	66206
Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	47.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 212.228 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S32-9020

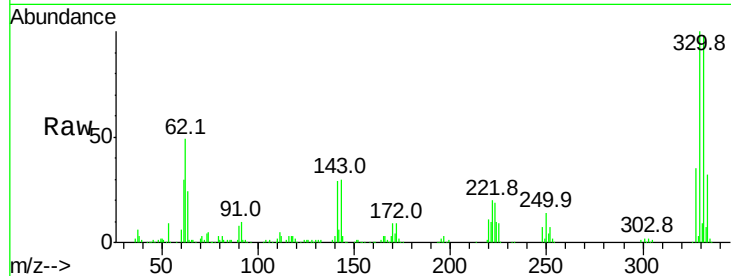
Tot Ion:330 Resp: 232391

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

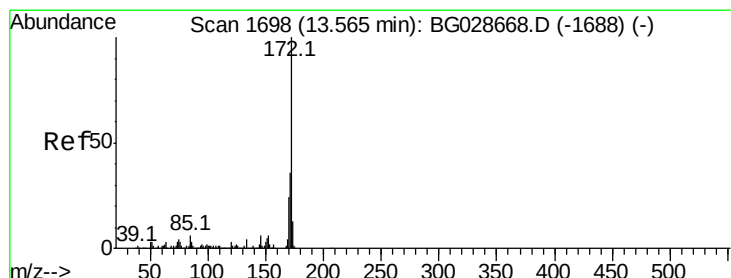
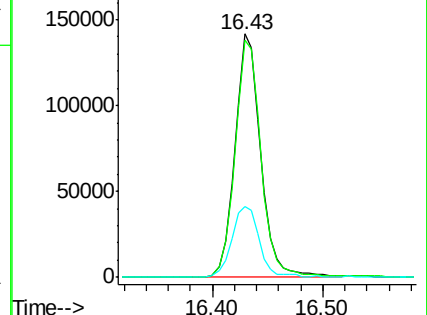
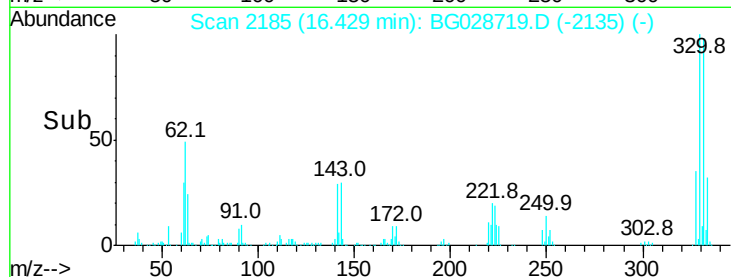
141 31.2 32.1 48.1#



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: 107.146 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

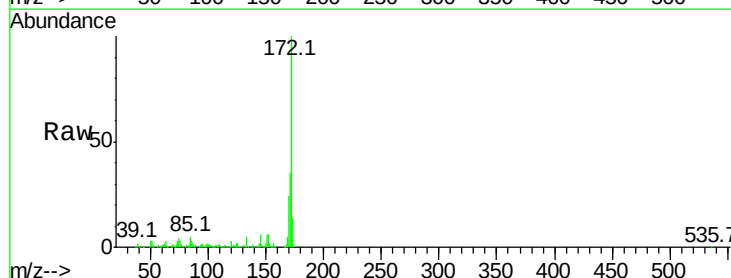
Tgt Ion:172 Resp: 531994

Ion Ratio Lower Upper

172 100

171 35.3 32.2 48.2

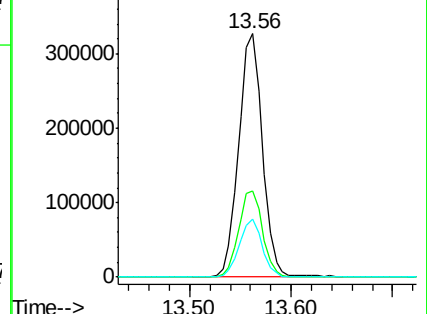
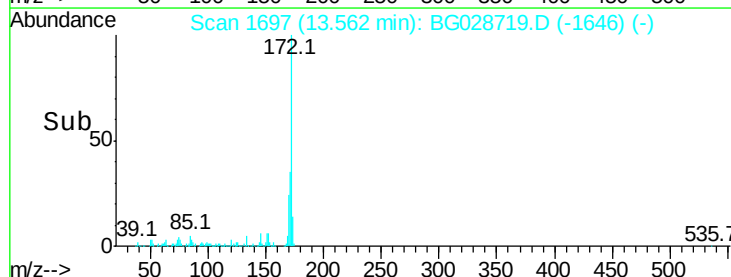
170 23.9 21.8 32.6

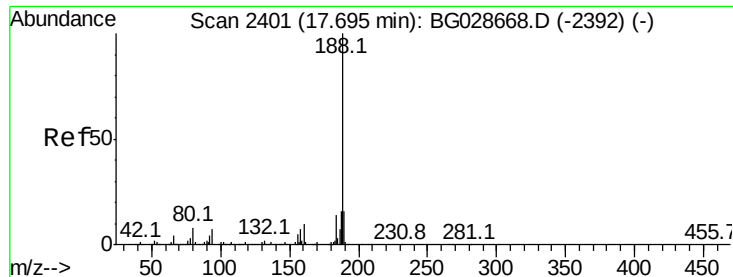


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2400

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S32-9020

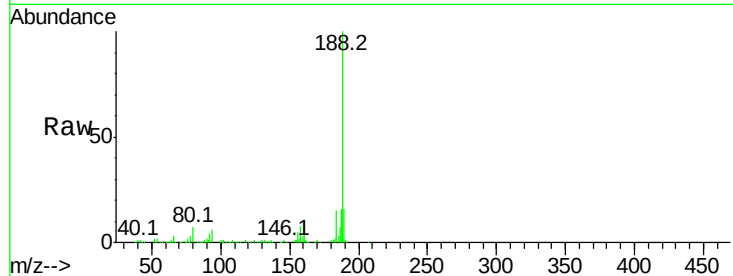
Tot Ion:188 Resp: 218679

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

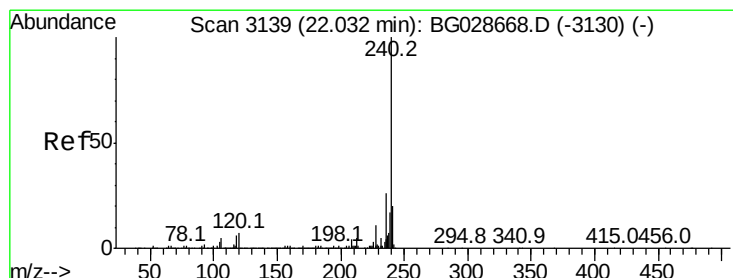
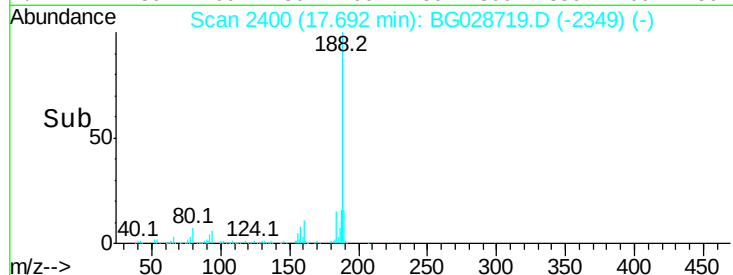
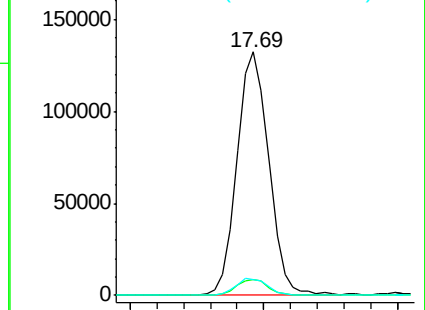
80 6.7 7.5 11.3#



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

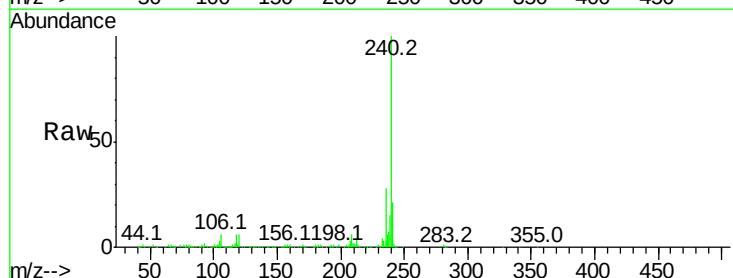
Tgt Ion:240 Resp: 261048

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

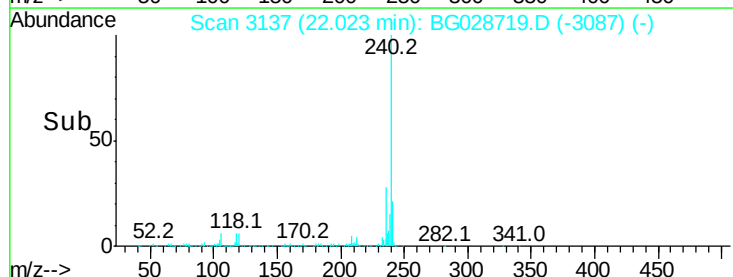
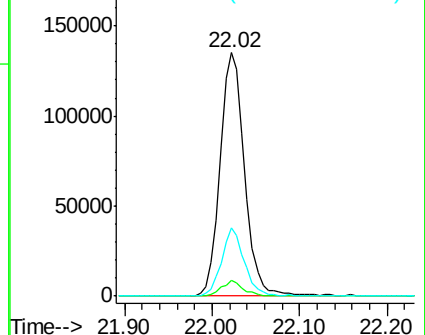
236 27.8 22.2 33.4

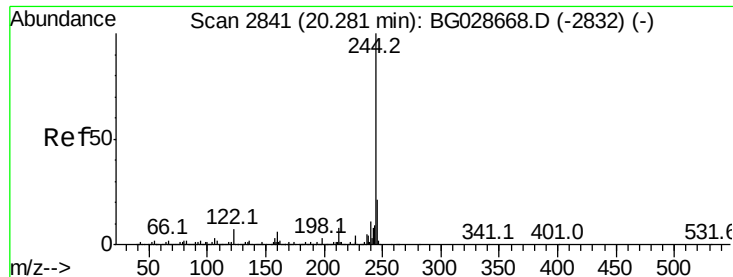


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.444 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S32-9020

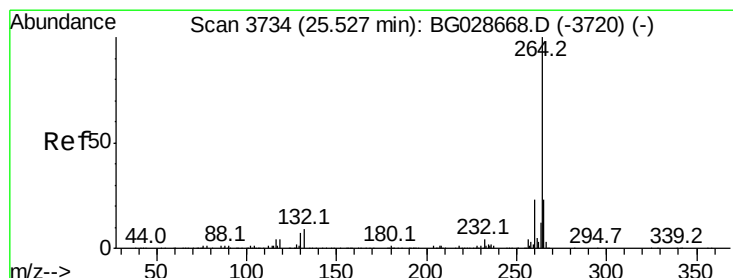
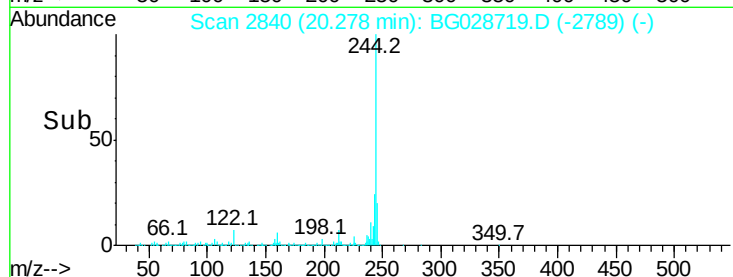
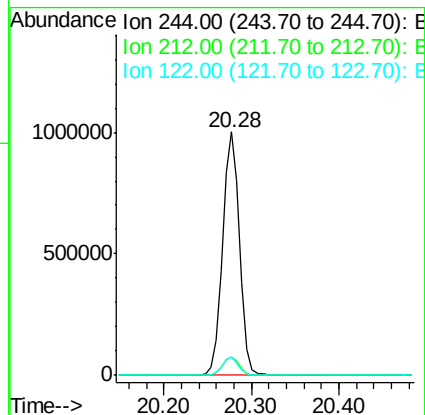
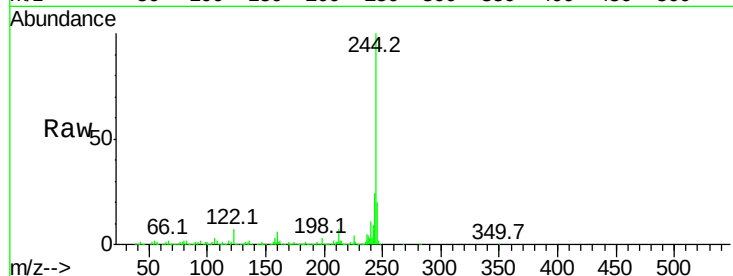
Tot Ion:244 Resp: 1339709

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

122 7.5 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Tgt Ion:264 Resp: 260652

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.0 18.2 27.4

