

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028971.D
 Acq On : 29 Sep 2017 16:20
 Operator : SJ/JU
 Sample : PB102752TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102752TB

Quant Time: Sep 29 17:59:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 17:54:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	32116	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	122823	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	90448	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	248015	20.00	ng	0.00
75) Chrysene-d12	21.96	240	287584	20.00	ng	0.00
86) Perylene-d12	25.42	264	286585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	285319	146.59	ng	0.00
7) Phenol-d6	7.43	99	380060	129.69	ng	0.00
23) Nitrobenzene-d5	9.45	82	239962	93.46	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	209838	140.27	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	632111	93.19	ng	0.00
78) Terphenyl-d14	20.23	244	1235344	91.61	ng	0.00

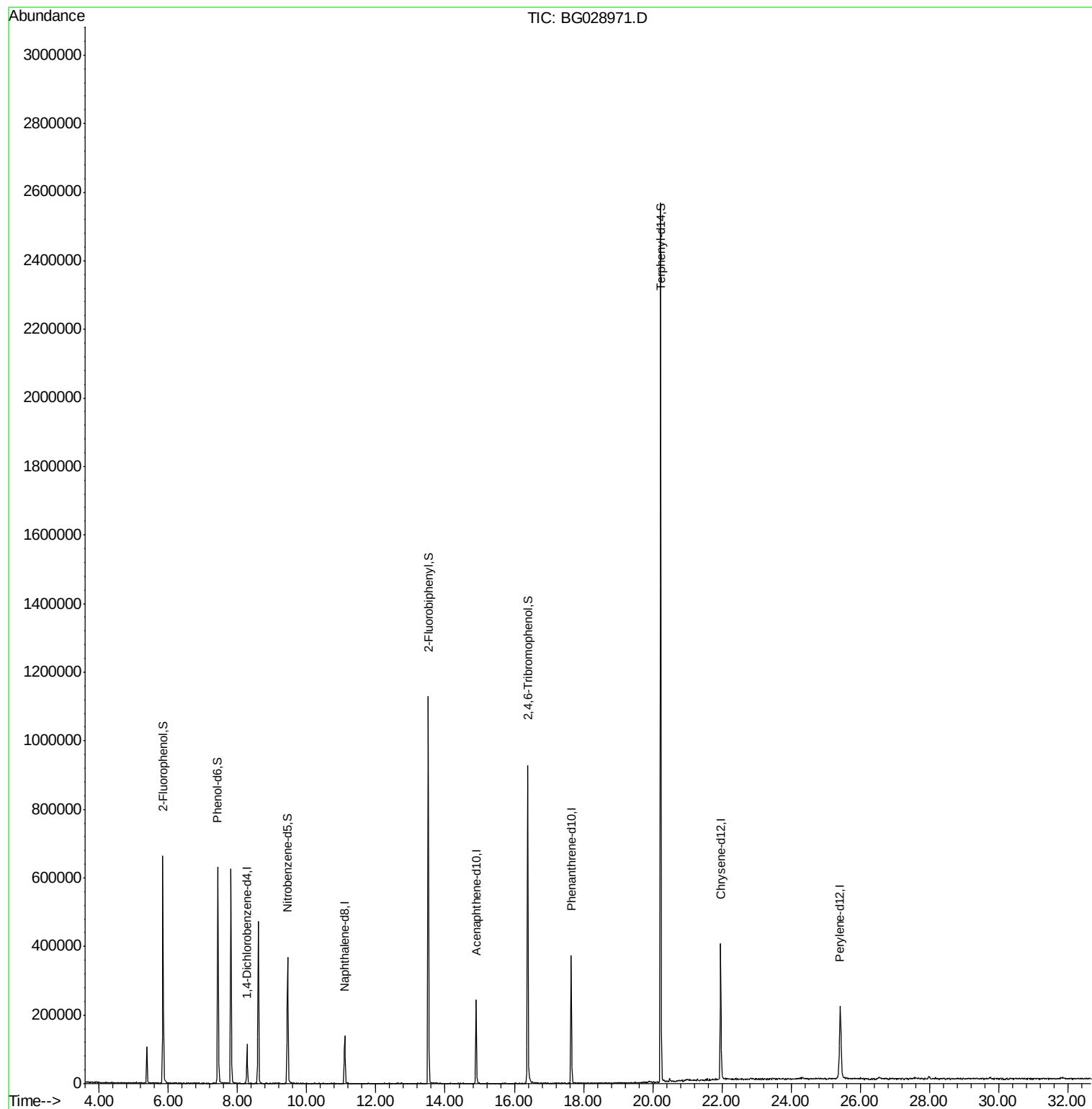
Target Compounds Qvalue

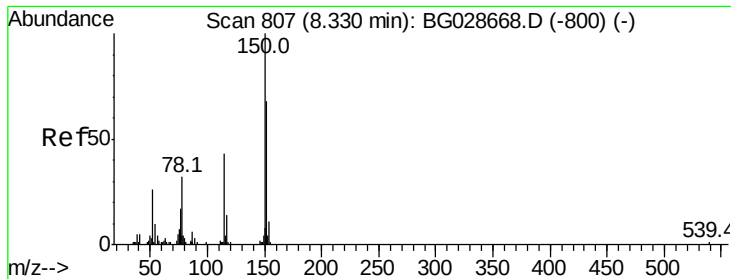
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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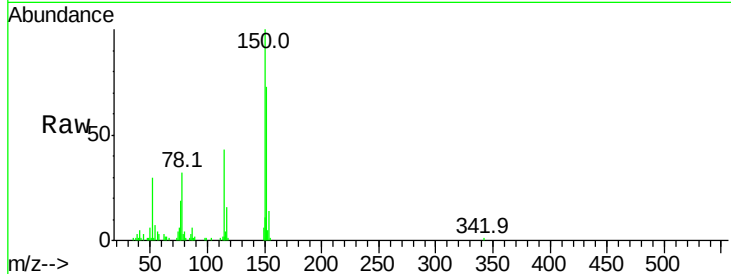


#1

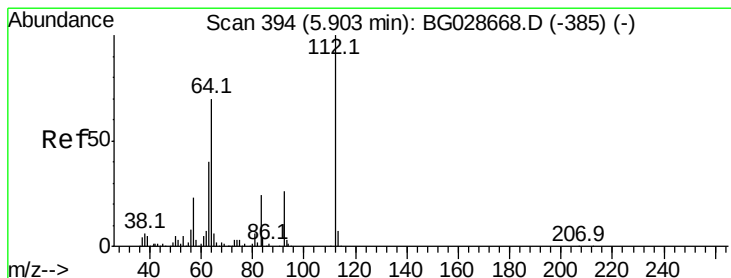
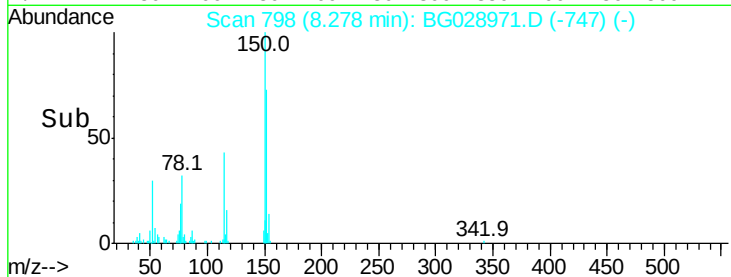
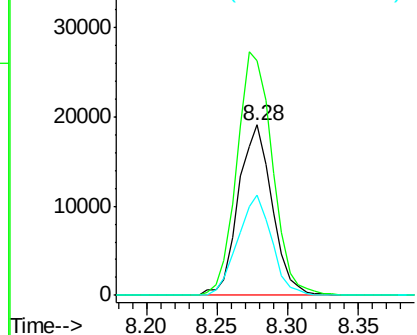
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. 0.00 min
Lab File: BG028971.D
Acq: 29 Sep 2017 16:20

Instrument :
BNA_G
ClientSampleId :
PB102752TB

Tot Ion:152 Resp: 32116
Ion Ratio Lower Upper
152 100
150 137.5 114.0 171.0
115 58.9 48.1 72.1



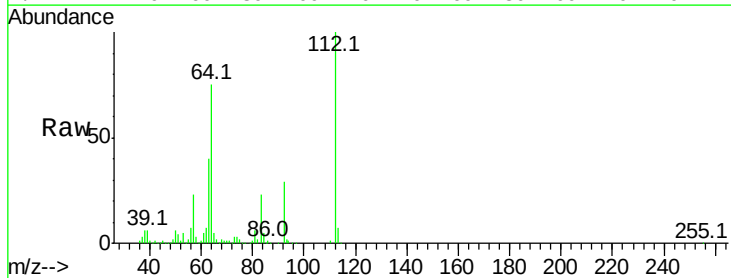
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



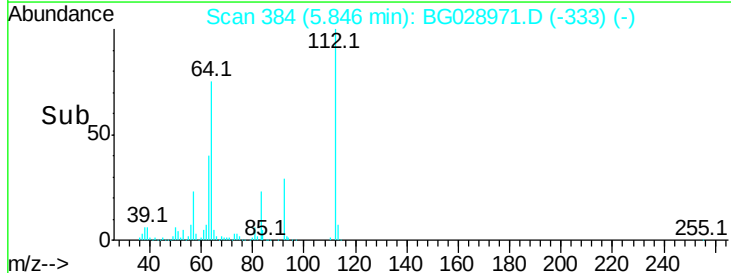
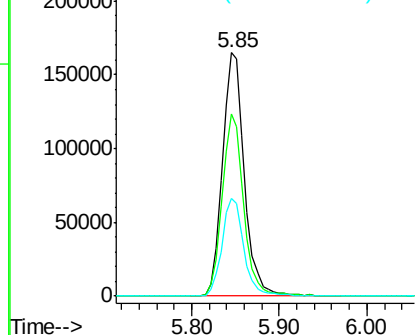
#5

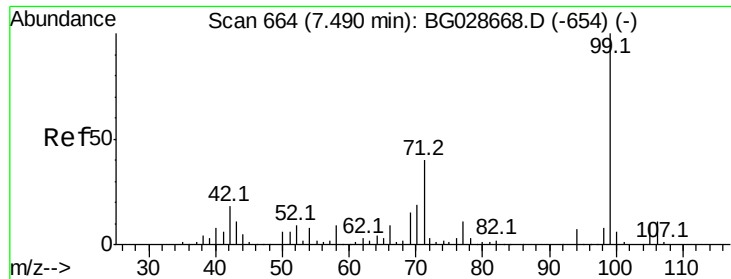
2-Fluorophenol
Concen: 146.591 ng
RT: 5.85 min Scan# 384
Delta R.T. 0.00 min
Lab File: BG028971.D
Acq: 29 Sep 2017 16:20

Tgt Ion:112 Resp: 285319
Ion Ratio Lower Upper
112 100
64 75.0 61.8 92.6
63 40.3 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: 129.692 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB102752TB

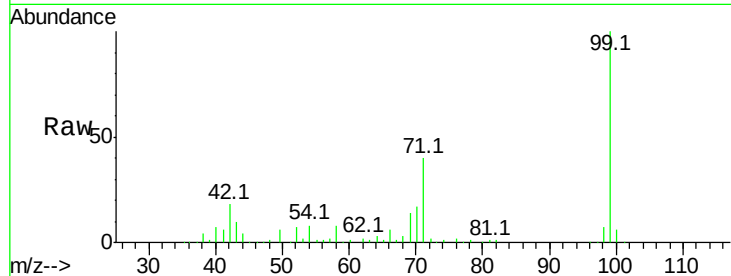
Tot Ion: 99 Resp: 380060

Ion Ratio Lower Upper

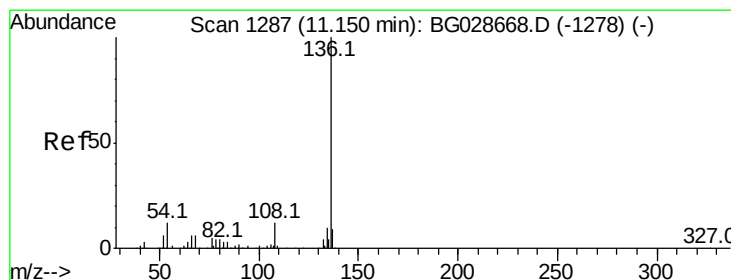
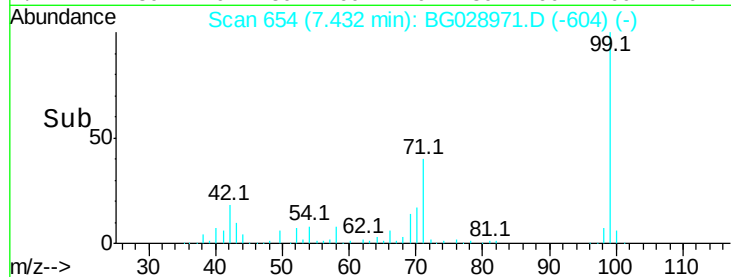
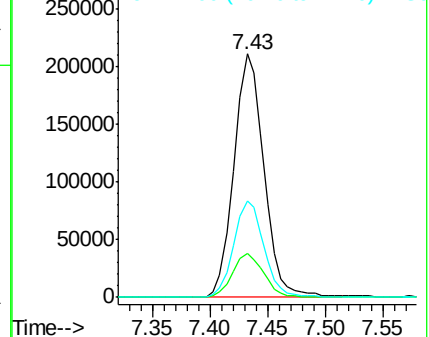
99 100

42 18.0 20.5 30.7#

71 39.7 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: 11.10 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

Tgt Ion: 136 Resp: 122823

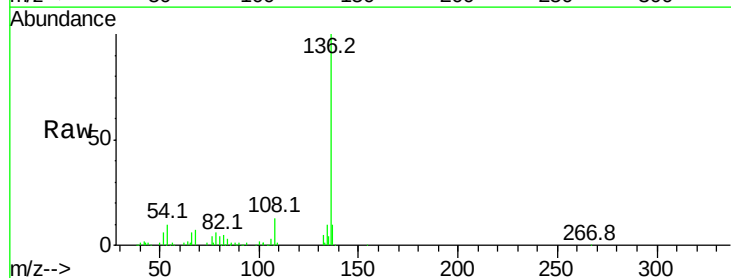
Ion Ratio Lower Upper

136 100

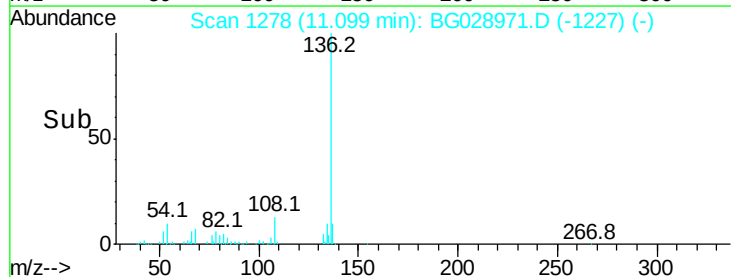
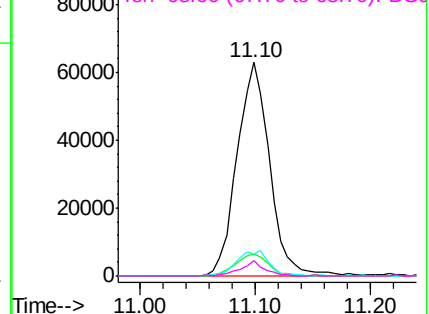
137 10.3 8.9 13.3

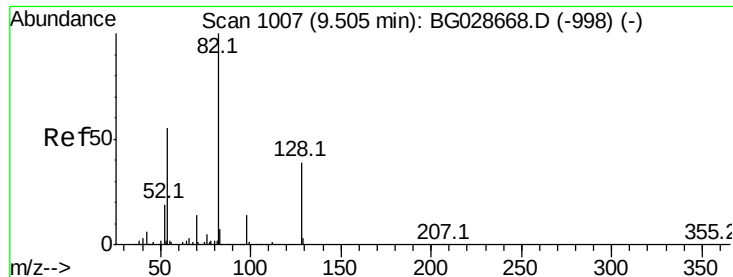
54 10.0 9.3 13.9

68 7.0 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

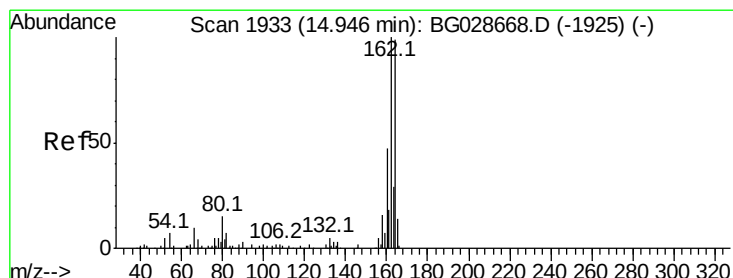
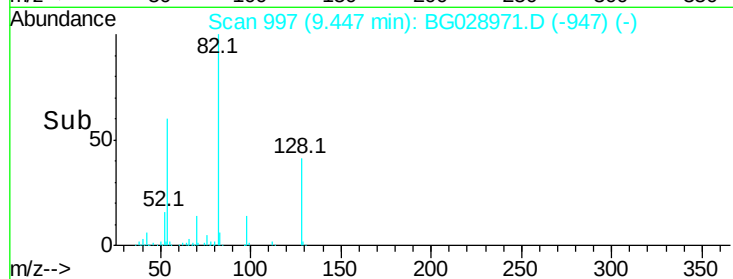
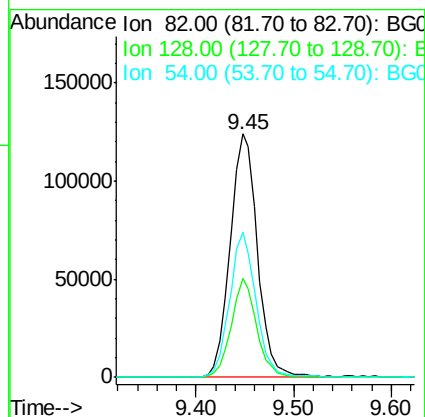
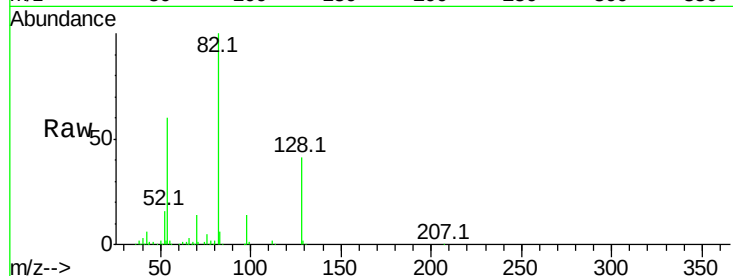




#23
 Nitrobenzene-d5
 Concen: 93.461 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BG028971.D
 Acq: 29 Sep 2017 16:20

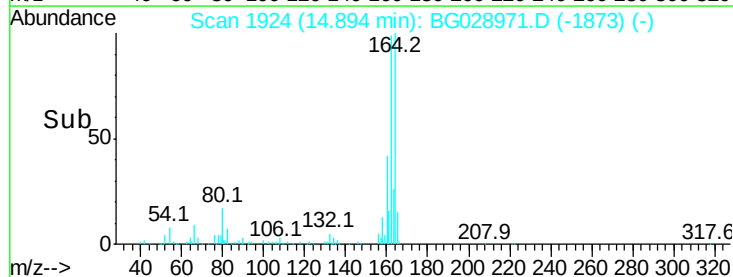
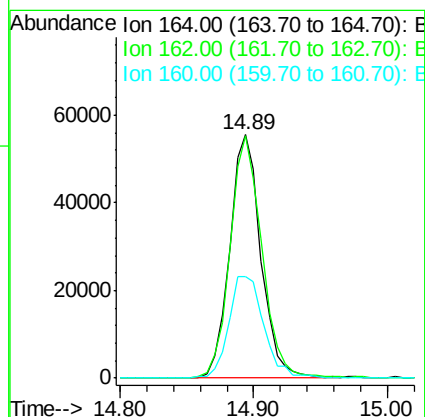
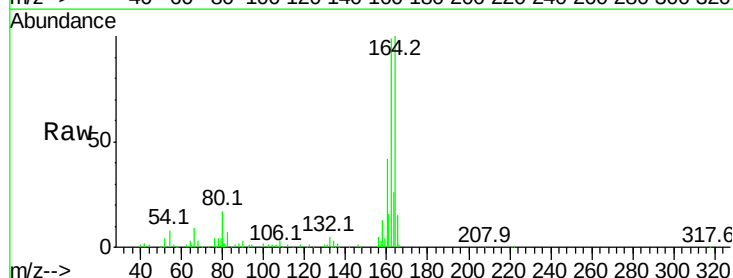
Instrument :
 BNA_G
 ClientSampleId :
 PB102752TB

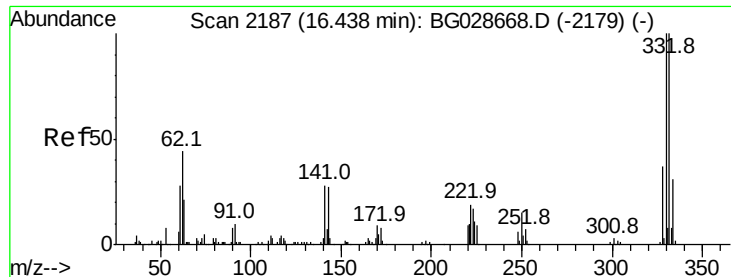
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	26.4	39.6
54	59.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BG028971.D
 Acq: 29 Sep 2017 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	85.1	127.7
160	41.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 140.270 ng

RT: 16.39 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB102752TB

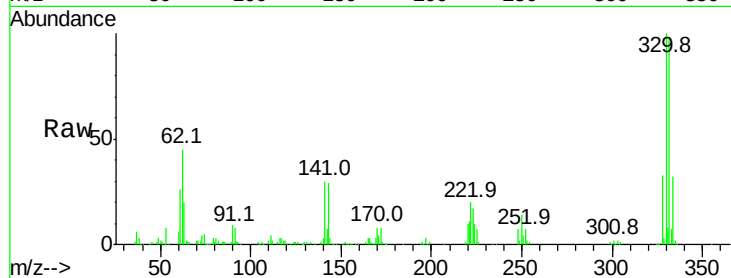
Tot Ion:330 Resp: 209838

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

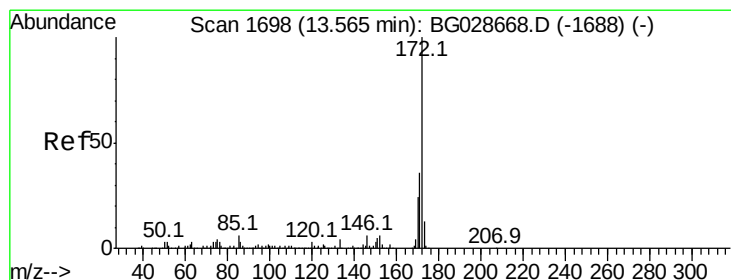
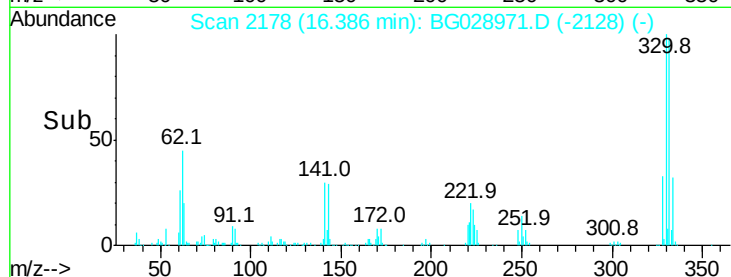
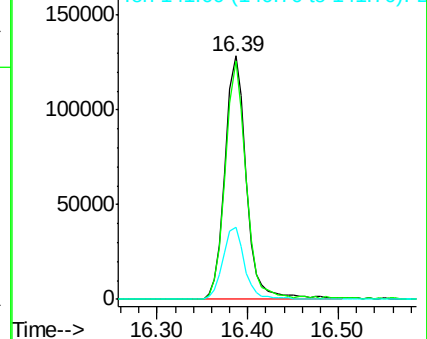
141 30.2 32.1 48.1#



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: 93.188 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

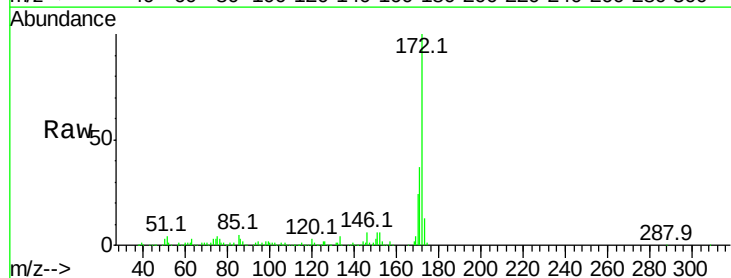
Tgt Ion:172 Resp: 632111

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

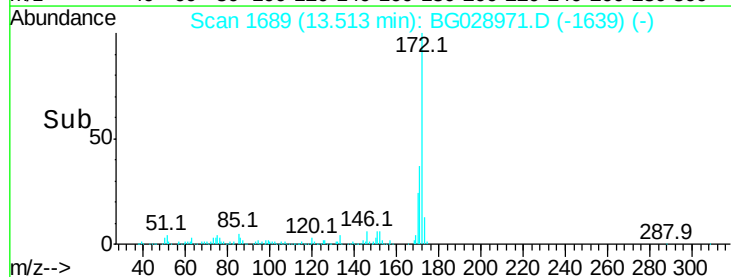
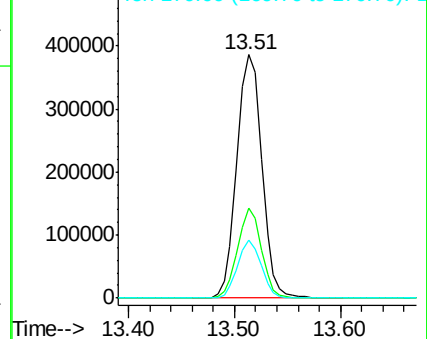
170 23.7 21.8 32.6

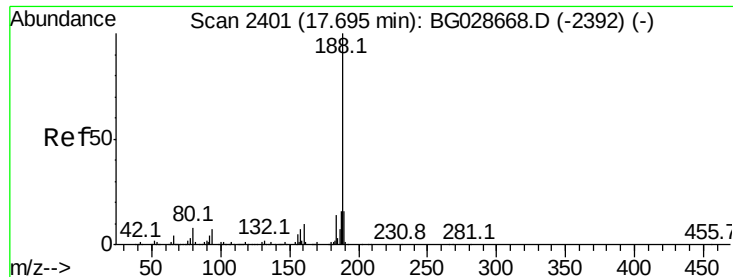


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.64 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB102752TB

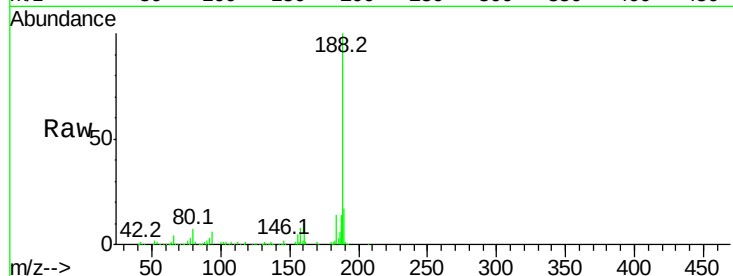
Tot Ion:188 Resp: 248015

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

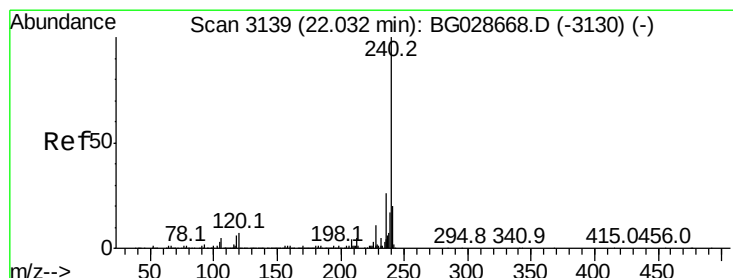
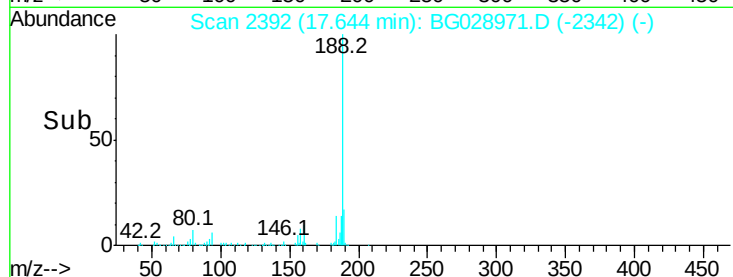
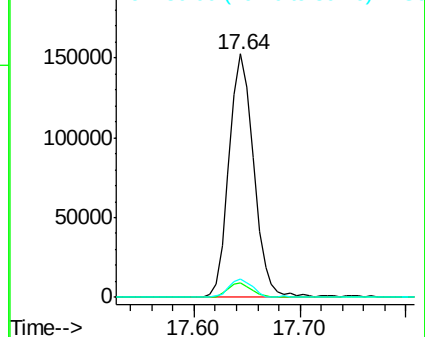
80 7.3 7.5 11.3#



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: 21.96 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

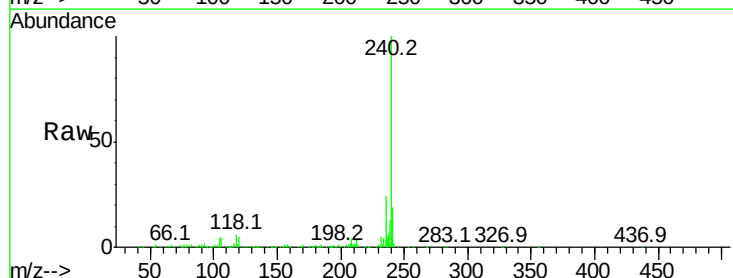
Tgt Ion:240 Resp: 287584

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

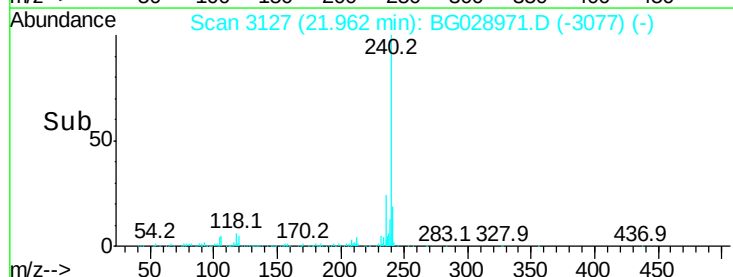
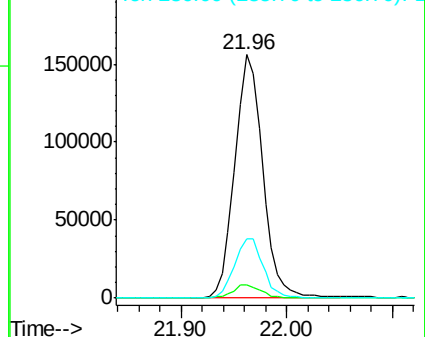
236 24.4 22.2 33.4

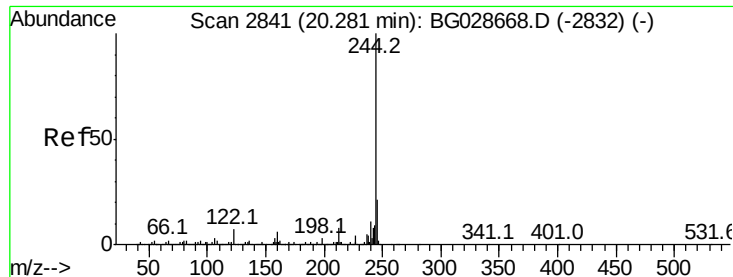


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.606 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PB102752TB

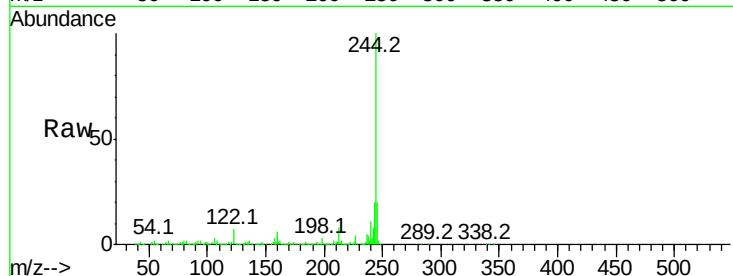
Tot Ion:244 Resp: 1235344

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

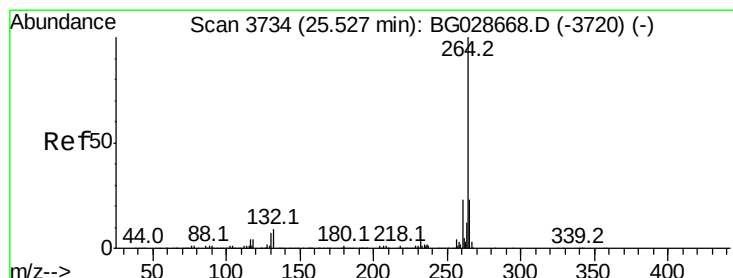
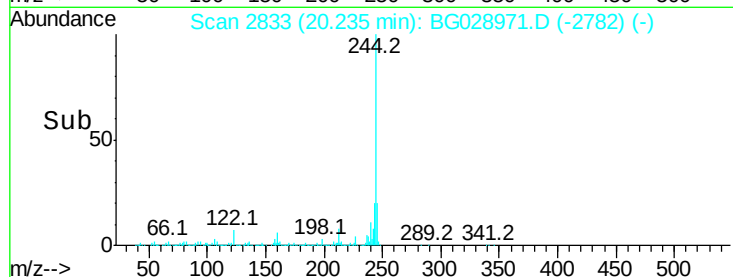
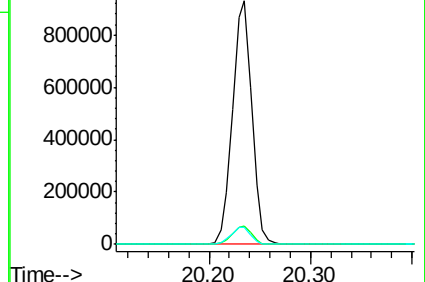
122 7.0 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG028971.D

Acq: 29 Sep 2017 16:20

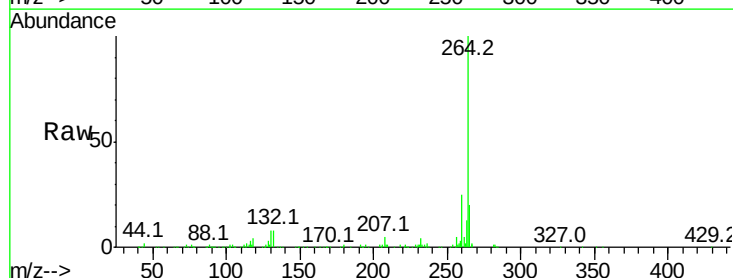
Tgt Ion:264 Resp: 286585

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 19.6 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

