

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
 Data File : BG028963.D
 Acq On : 28 Sep 2017 16:57
 Operator : SJ/JU
 Sample : PB102674BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102674BL

Quant Time: Sep 29 05:39:28 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	8.28	152	29285	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	114330	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	84369	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	232712	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	271735	20.00	ng	-0.07
86) Perylene-d12	25.43	264	280772	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	141959	79.99	ng	-0.05
7) Phenol-d6	7.44	99	197603	73.95	ng	-0.05
23) Nitrobenzene-d5	9.44	82	190493	79.71	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	103893	74.45	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	501177	79.21	ng	-0.05
78) Terphenyl-d14	20.23	244	1079229	84.70	ng	-0.05

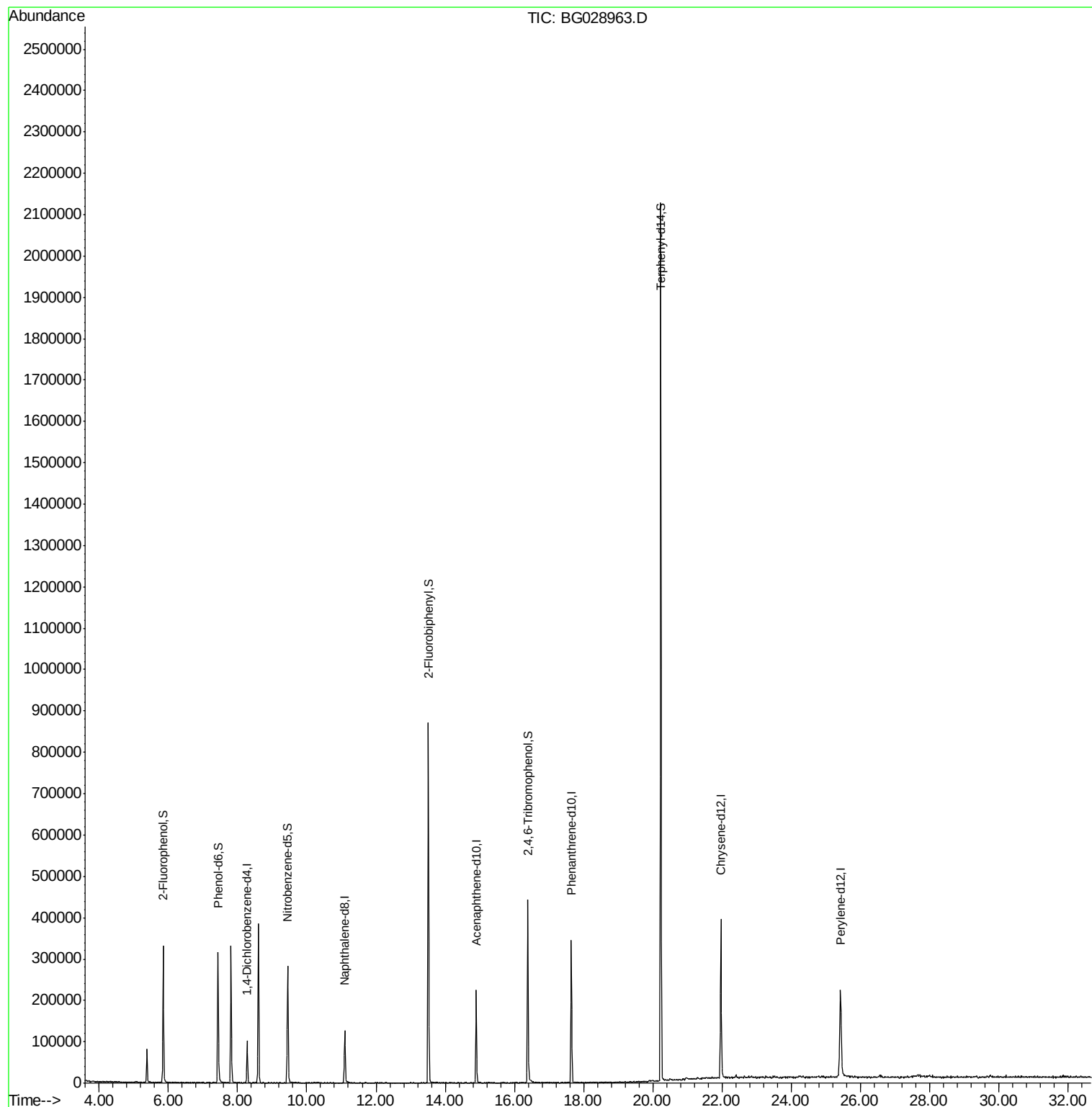
Target Compounds Qvalue

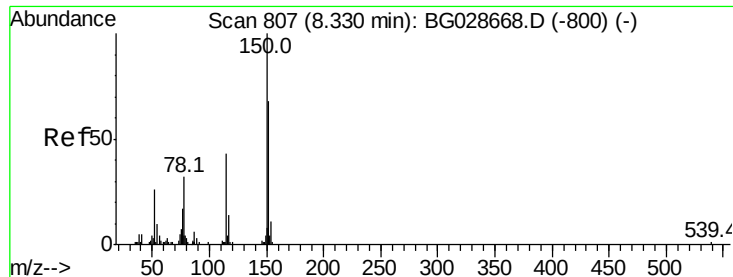
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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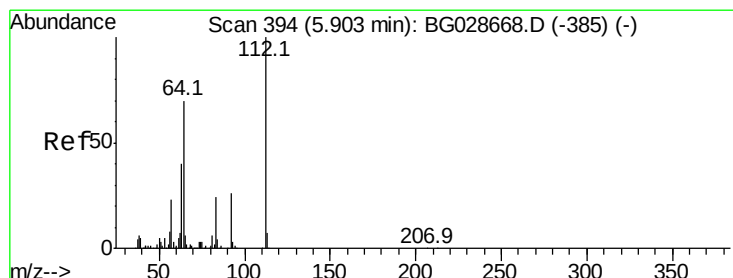
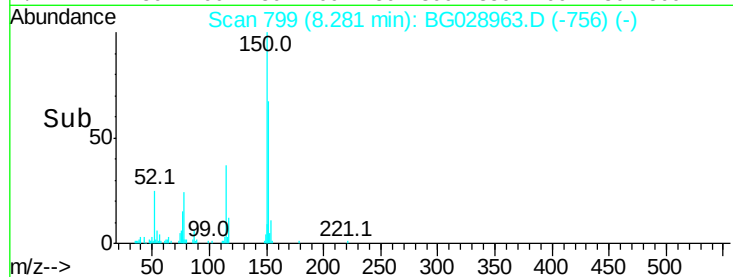
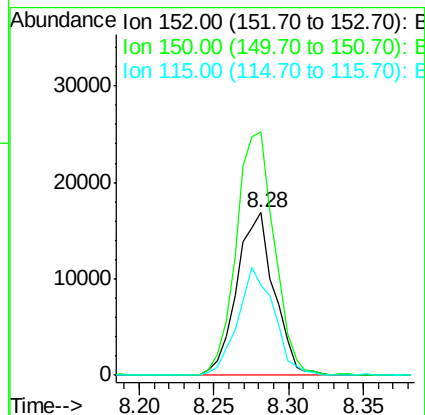
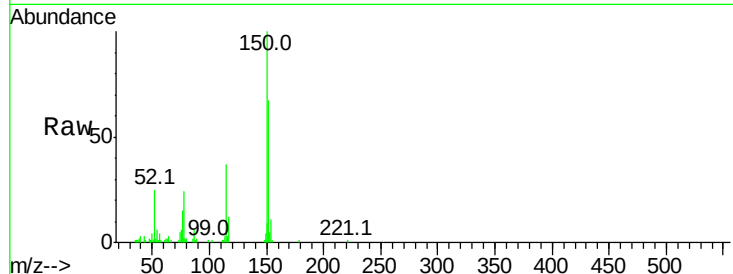


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.05 min
Lab File: BG028963.D
Acq: 28 Sep 2017 16:57

Instrument :
BNA_G
ClientSampleId :
PB102674BL

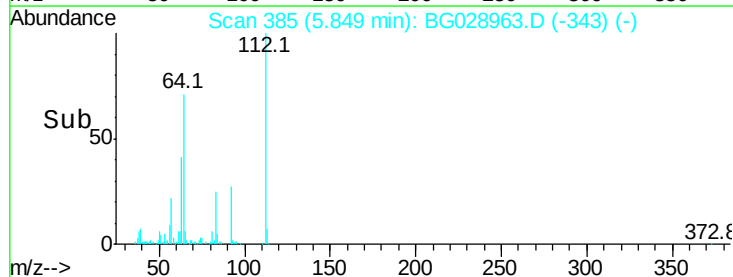
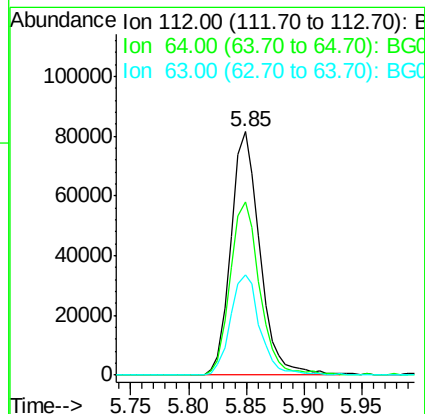
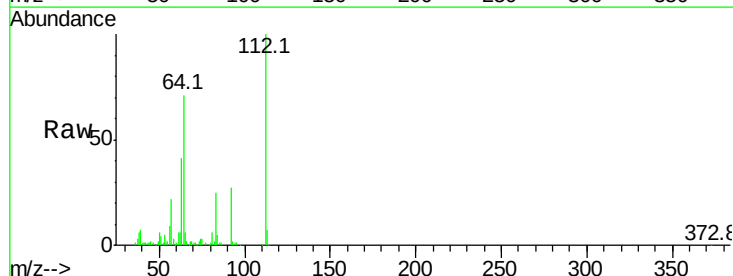
Tot Ion:152 Resp: 29285
Ion Ratio Lower Upper
152 100
150 150.0 114.0 171.0
115 55.7 48.1 72.1

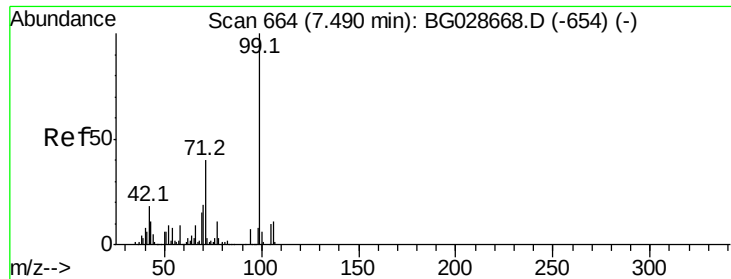


#5

2-Fluorophenol
Concen: 79.986 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028963.D
Acq: 28 Sep 2017 16:57

Tgt Ion:112 Resp: 141959
Ion Ratio Lower Upper
112 100
64 71.4 61.8 92.6
63 41.1 37.2 55.8





#7

Phenol-d6

Concen: 73.949 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Instrument :

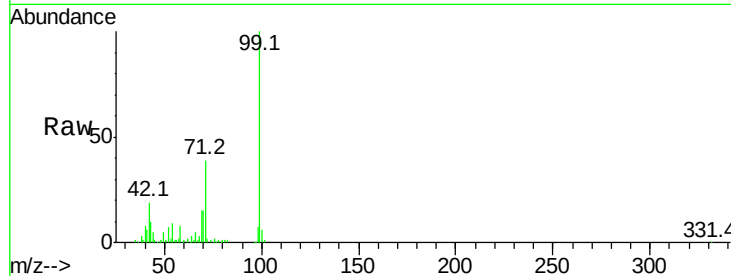
BNA_G

ClientSampled :

PB102674BL

Tot Ion: 99 Resp: 197603

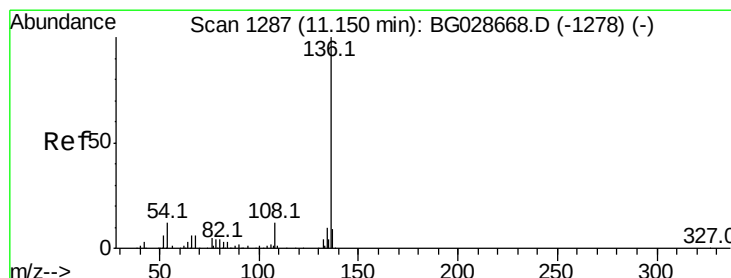
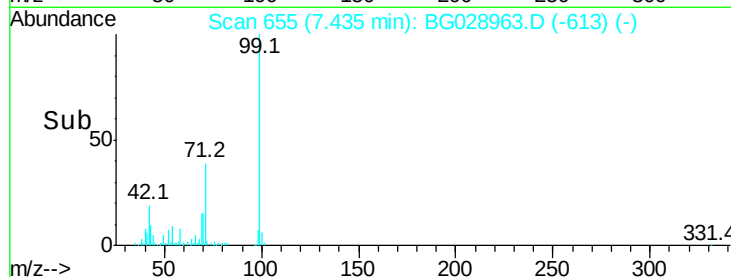
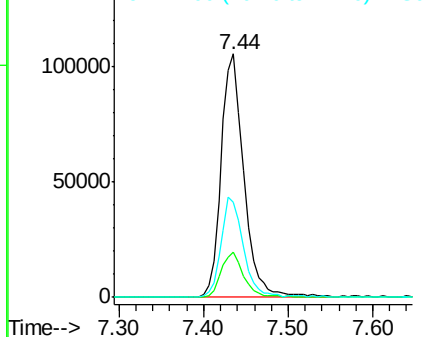
Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	39.0	37.6	56.4



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. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Tgt Ion: 136 Resp: 114330

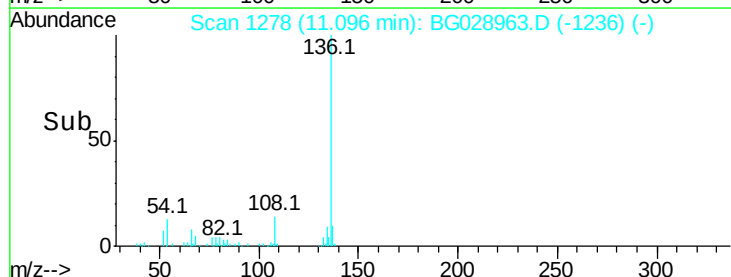
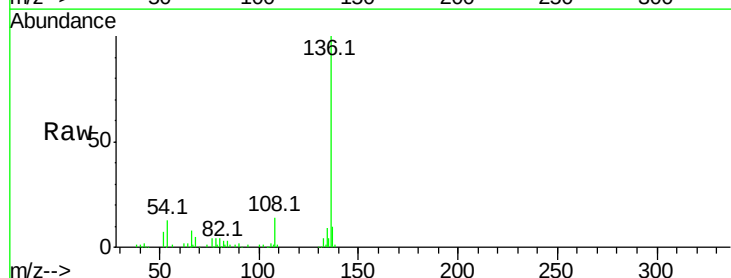
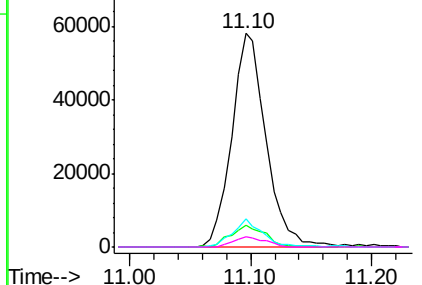
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	13.0	9.3	13.9
68	4.6	5.1	7.7#

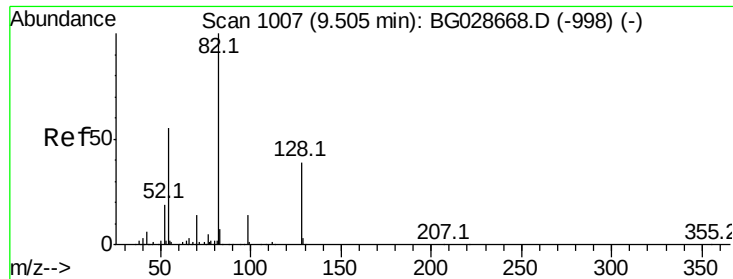
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

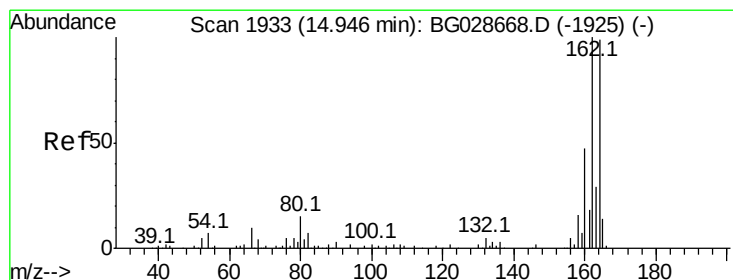
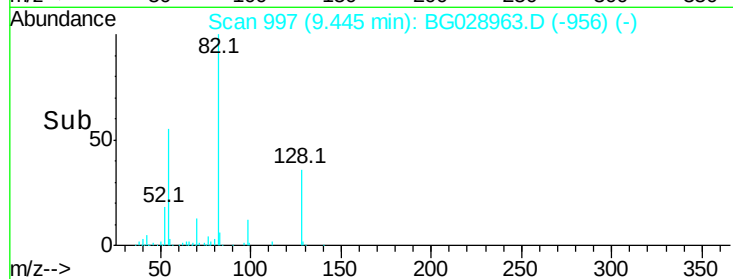
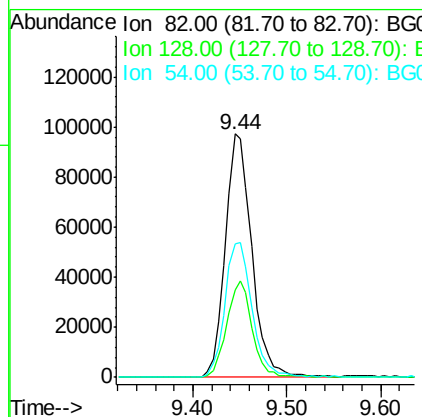
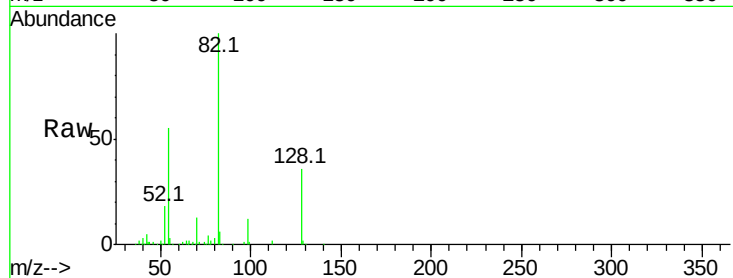




#23
Nitrobenzene-d5
Concen: 79.705 ng
RT: 9.44 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028963.D
Acq: 28 Sep 2017 16:57

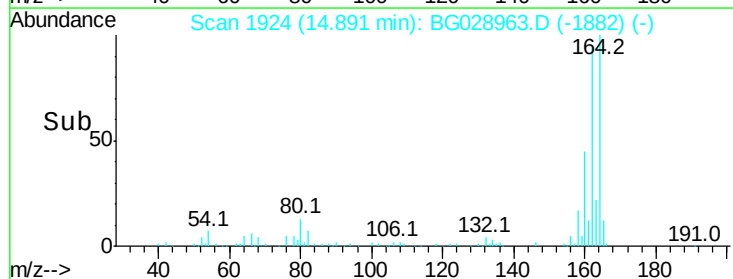
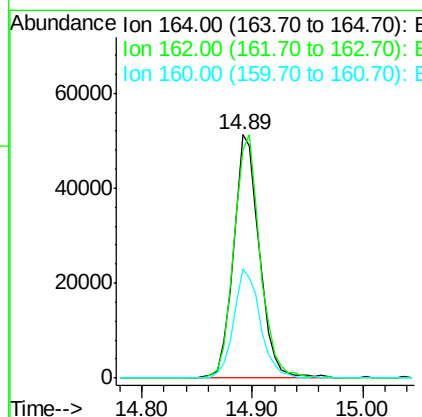
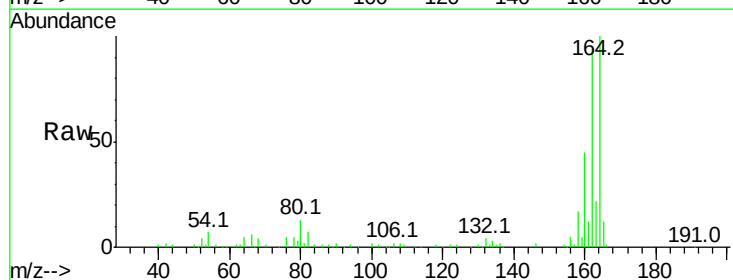
Instrument :
BNA_G
ClientSampleId :
PB102674BL

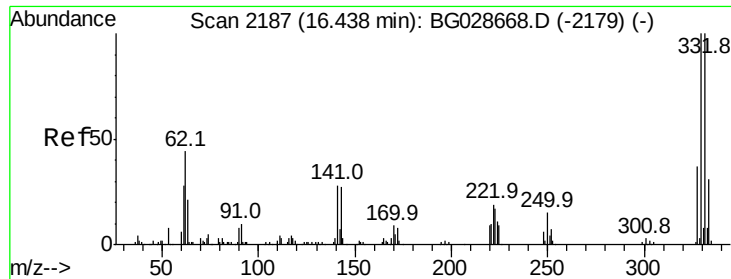
Tot Ion	82	Resp	190493
Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	54.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028963.D
Acq: 28 Sep 2017 16:57

Tgt Ion	164	Resp	84369
Ion	Ratio	Lower	Upper
164	100		
162	93.5	85.1	127.7
160	45.0	34.7	52.1

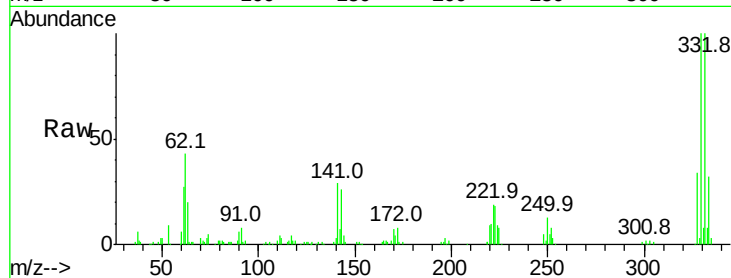




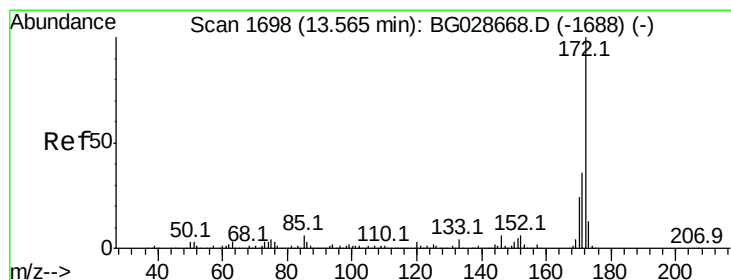
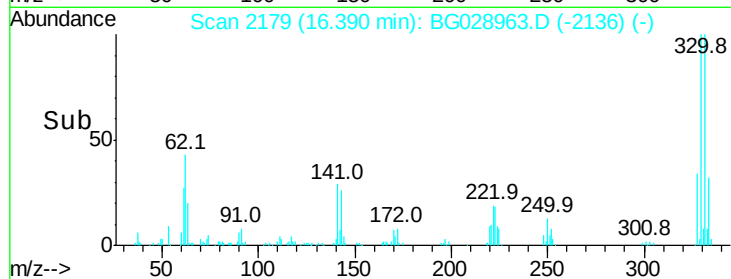
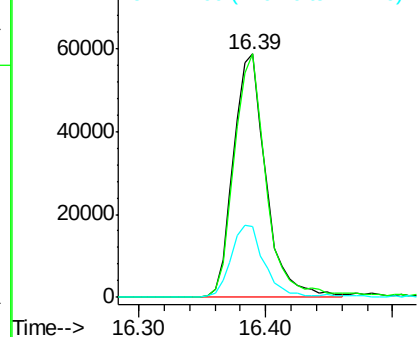
#41
 2,4,6-Tribromophenol
 Concen: 74.453 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

Instrument :
 BNA_G
 ClientSampleId :
 PB102674BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	30.1	32.1	48.1#

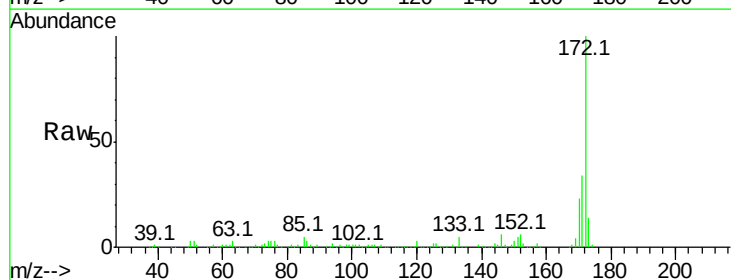


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

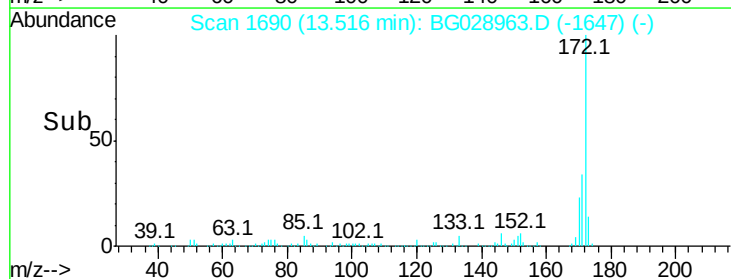
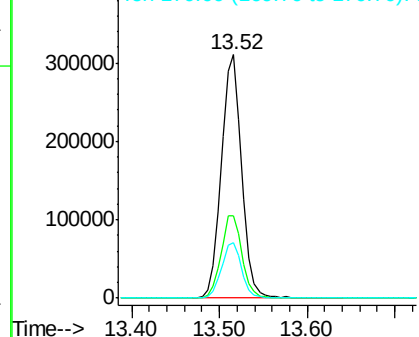


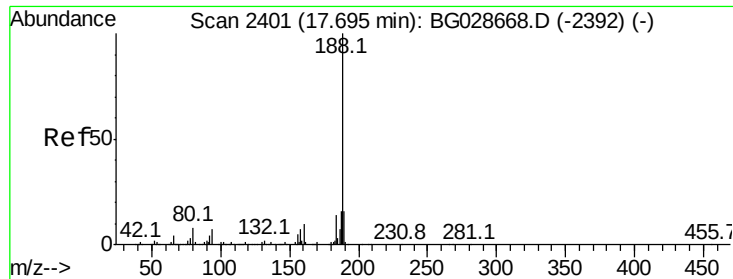
#44
 2-Fluorobiphenyl
 Concen: 79.209 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	22.8	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: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Instrument :

BNA_G

ClientSampleId :

PB102674BL

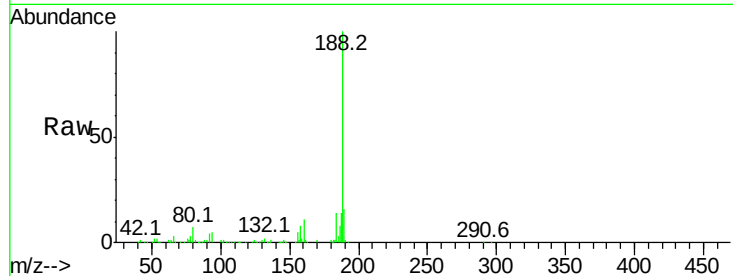
Tot Ion:188 Resp: 232712

Ion Ratio Lower Upper

188 100

94 5.4 5.8 8.8#

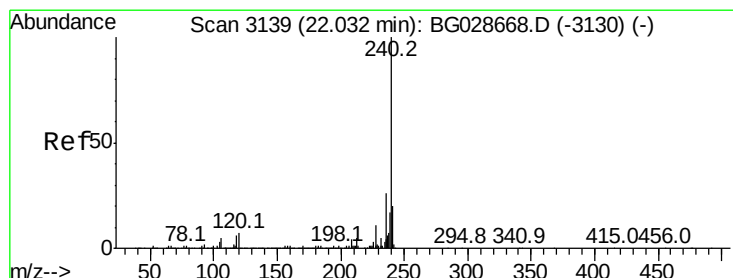
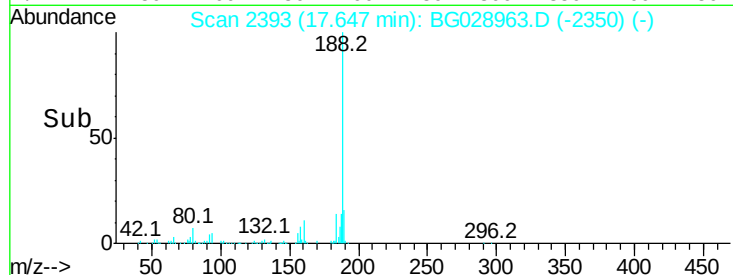
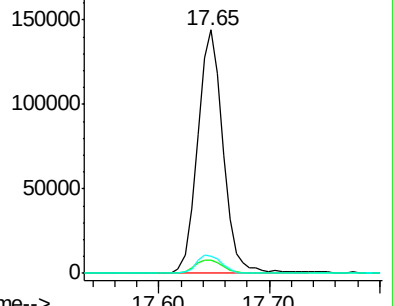
80 6.8 7.5 11.3#



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: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

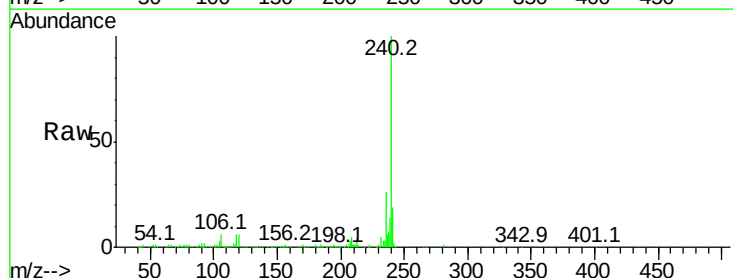
Tgt Ion:240 Resp: 271735

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

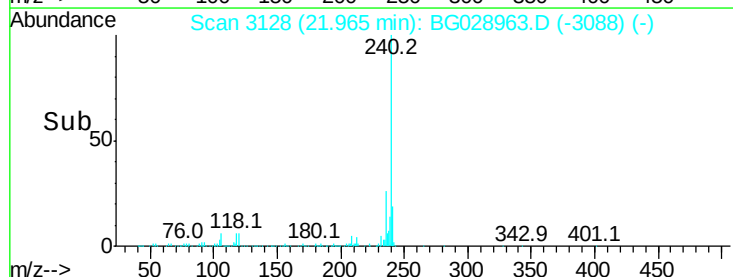
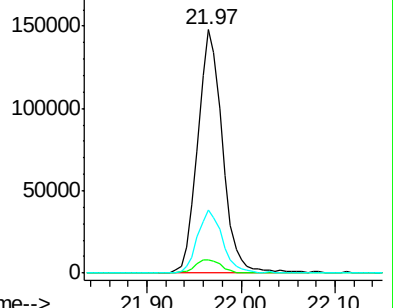
236 26.2 22.2 33.4

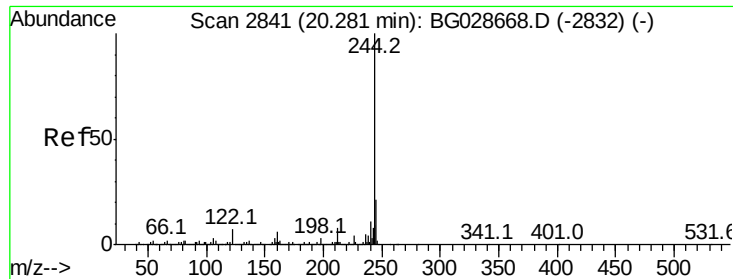


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.697 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Instrument :

BNA_G

ClientSampleId :

PB102674BL

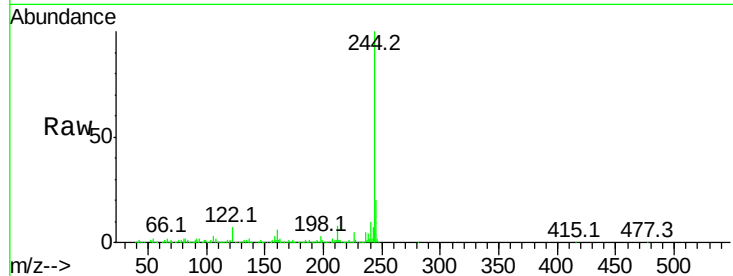
Tot Ion:244 Resp: 1079229

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

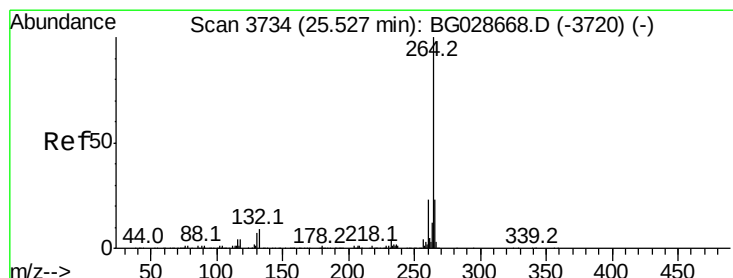
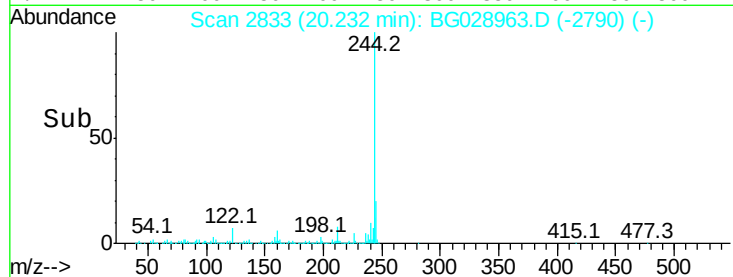
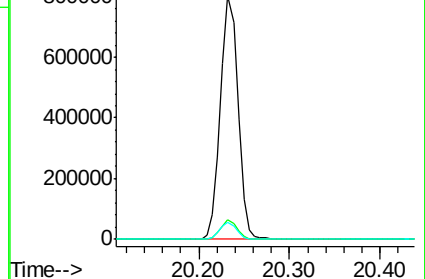
122 7.0 8.6 12.8#



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: 25.43 min Scan# 3717

Delta R.T. -0.10 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

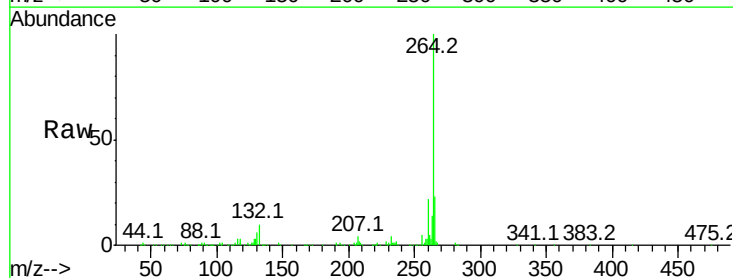
Tgt Ion:264 Resp: 280772

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 23.3 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

