

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028708.D
 Acq On : 13 Sep 2017 21:23
 Operator : SJ/JU
 Sample : PB102294BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:45:43 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	24234	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	96818	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	74757	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	244290	20.00	ng	0.00
75) Chrysene-d12	22.03	240	283535	20.00	ng	0.00
86) Perylene-d12	25.52	264	292534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	235499	160.35	ng	0.00
7) Phenol-d6	7.48	99	325519	147.21	ng	0.00
23) Nitrobenzene-d5	9.50	82	196983	97.33	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	227757	184.20	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	546126	97.41	ng	0.00
78) Terphenyl-d14	20.28	244	1267932	95.37	ng	0.00

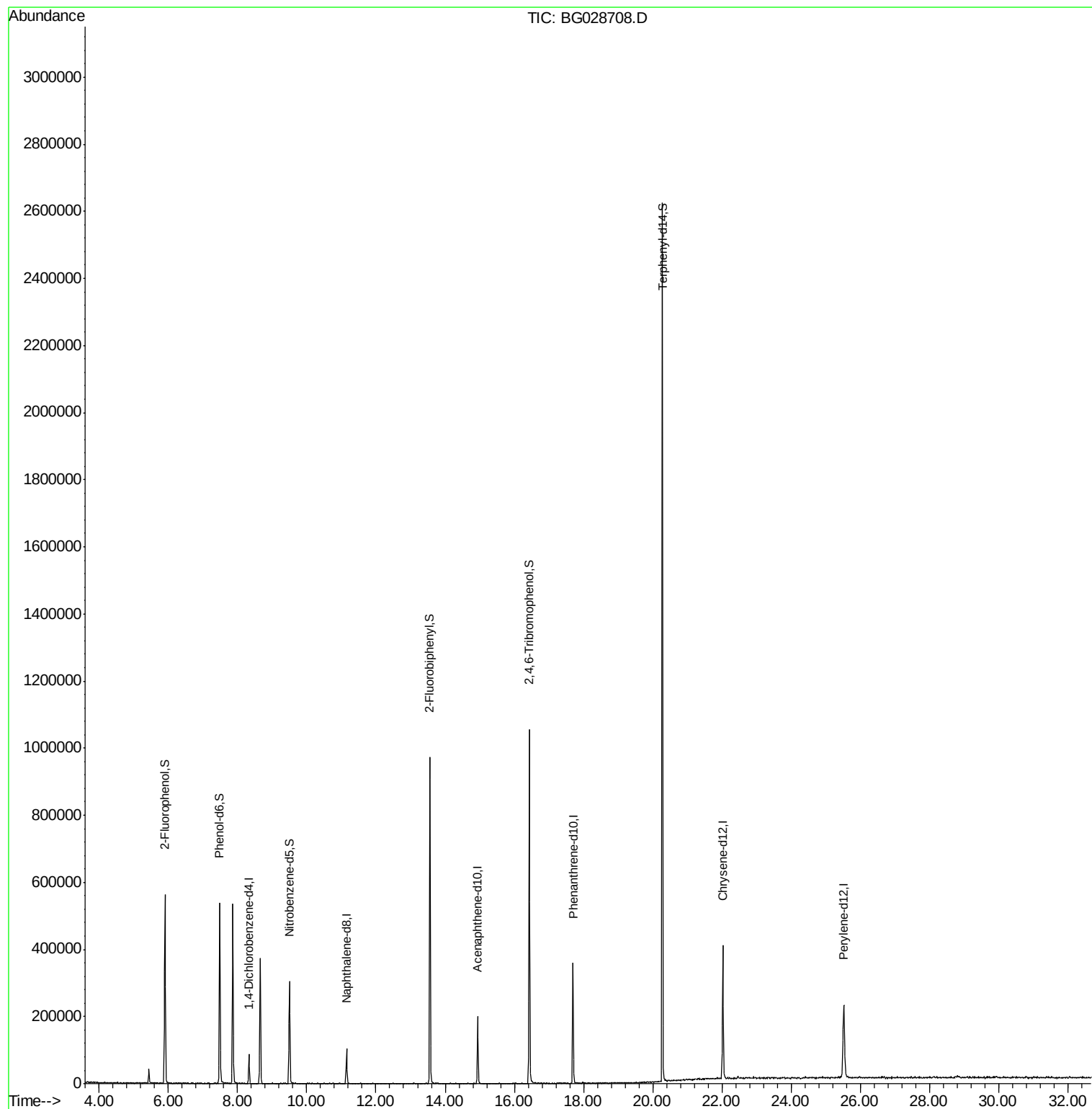
Target Compounds Qvalue

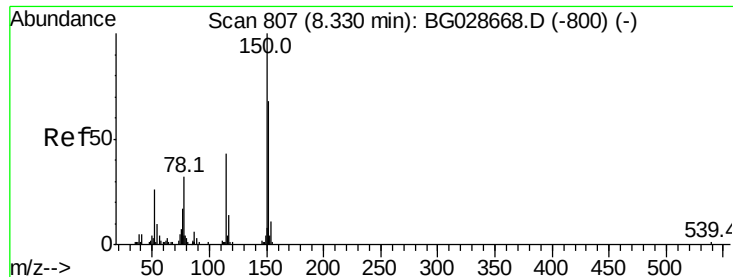
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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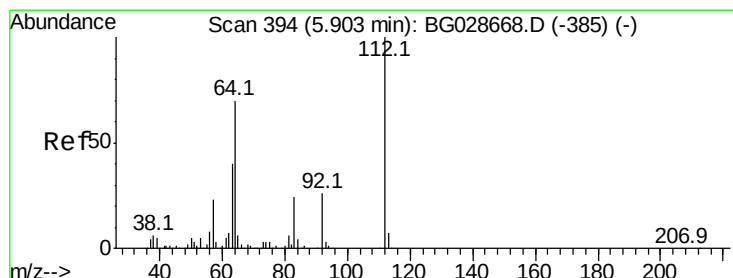
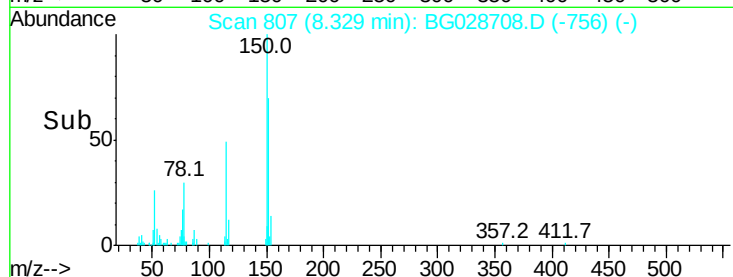
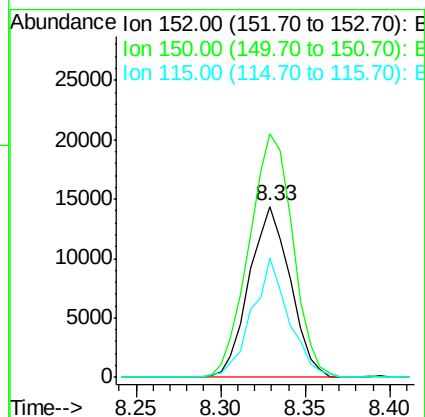
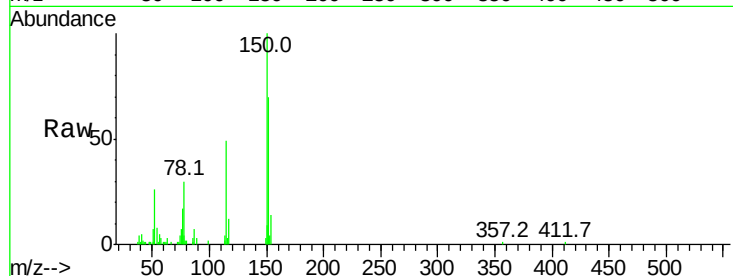


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028708.D
Acq: 13 Sep 2017 21:23

Instrument :
BNA_G
ClientSampleId :

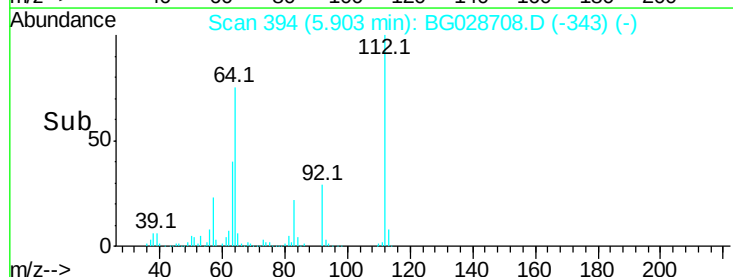
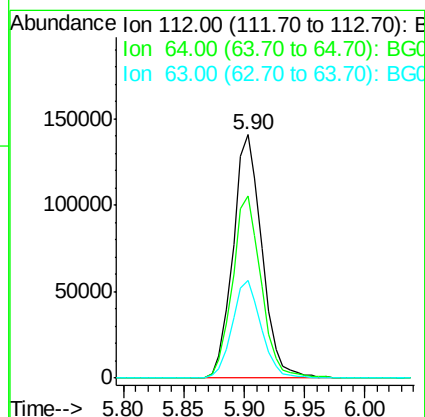
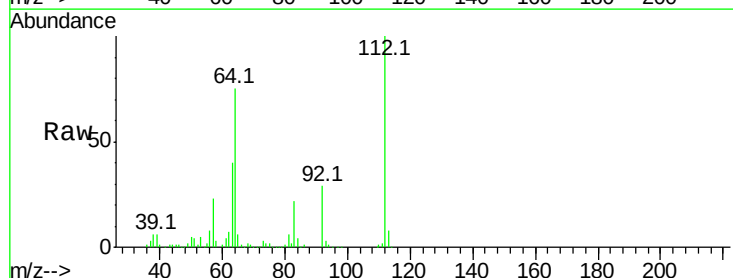
Tot Ion:152 Resp: 24234
Ion Ratio Lower Upper
152 100
150 142.5 114.0 171.0
115 70.0 48.1 72.1

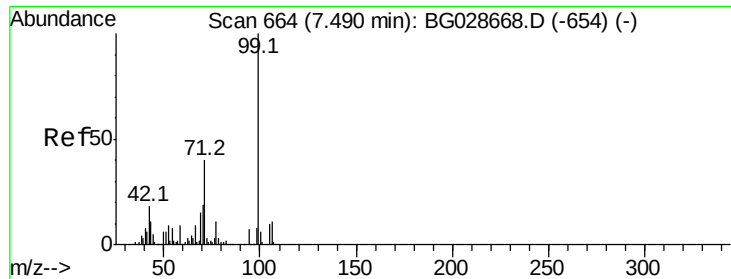


#5

2-Fluorophenol
Concen: 160.347 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028708.D
Acq: 13 Sep 2017 21:23

Tgt Ion:112 Resp: 235499
Ion Ratio Lower Upper
112 100
64 74.7 61.8 92.6
63 40.3 37.2 55.8





#7

Phenol-d6

Concen: 147.208 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028708.D

Acq: 13 Sep 2017 21:23

Instrument :

BNA_G

ClientSampled :

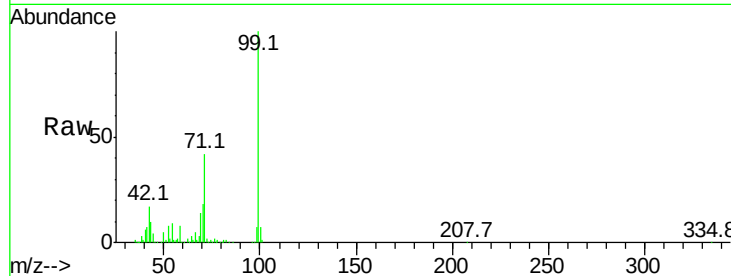
Tot Ion: 99 Resp: 325519

Ion Ratio Lower Upper

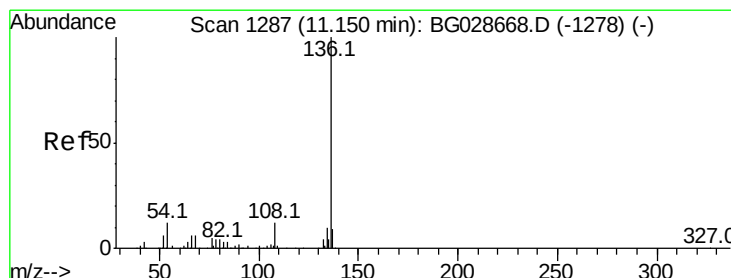
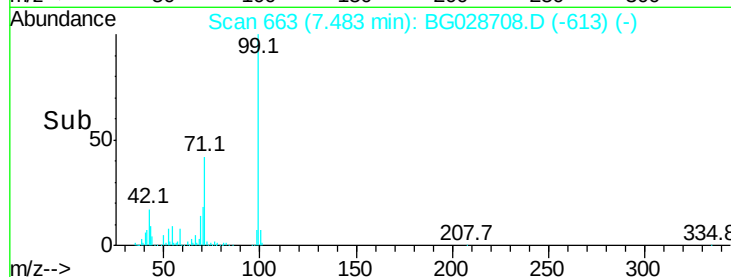
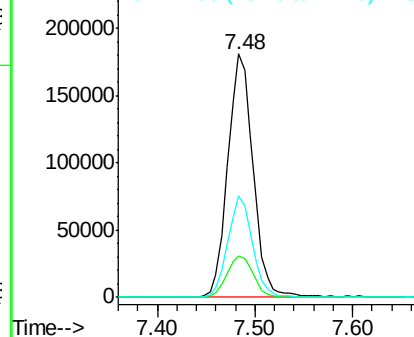
99 100

42 17.2 20.5 30.7#

71 41.7 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: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028708.D

Acq: 13 Sep 2017 21:23

Tgt Ion: 136 Resp: 96818

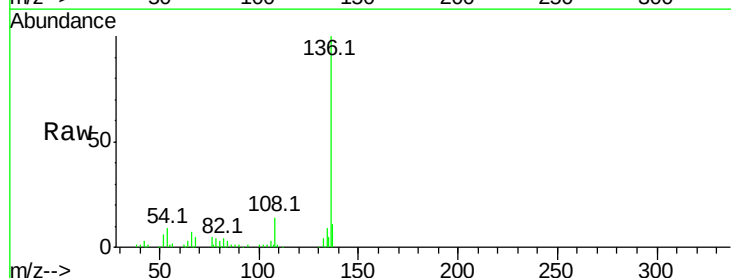
Ion Ratio Lower Upper

136 100

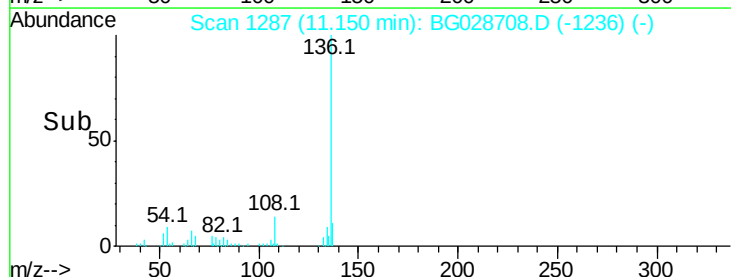
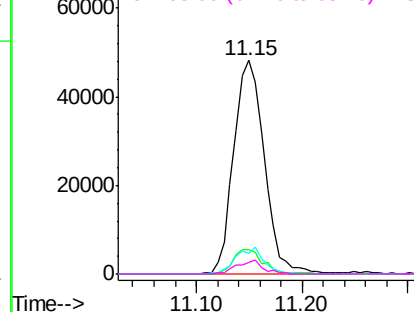
137 11.3 8.9 13.3

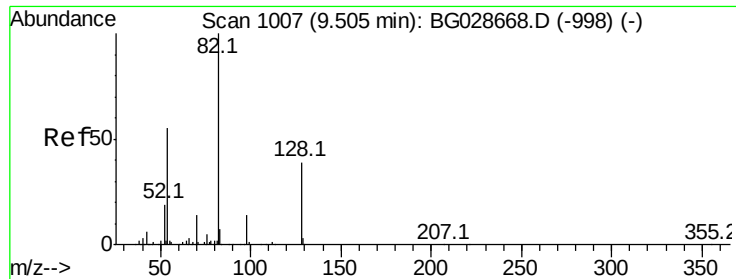
54 9.4 9.3 13.9

68 5.5 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

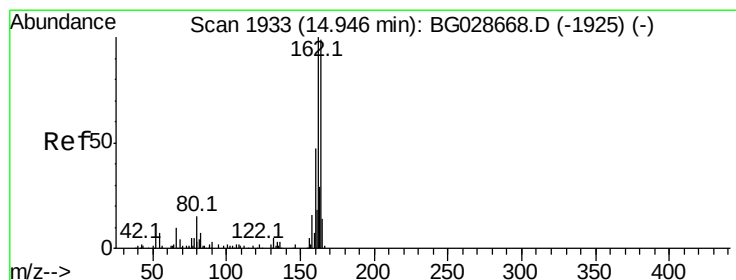
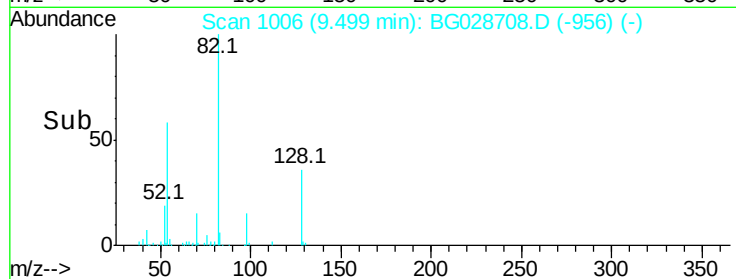
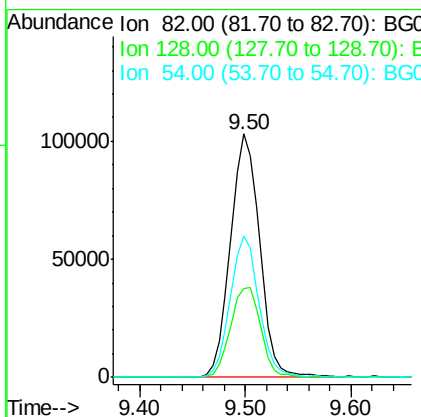
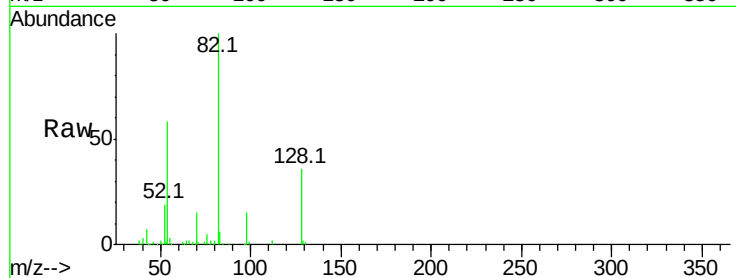




#23
Nitrobenzene-d5
Concen: 97.329 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028708.D
Acq: 13 Sep 2017 21:23

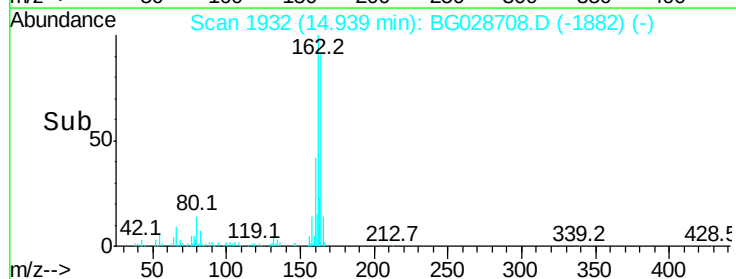
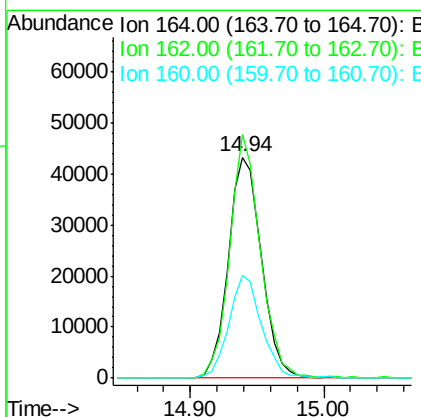
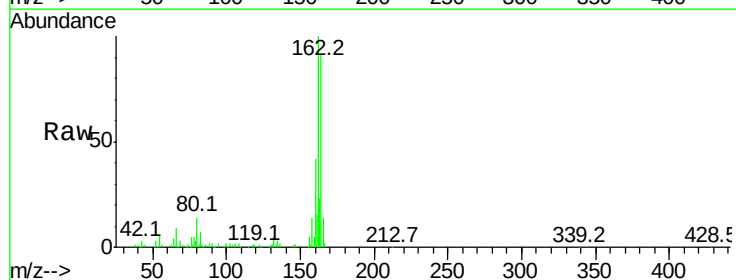
Instrument :
BNA_G
ClientSampleId :

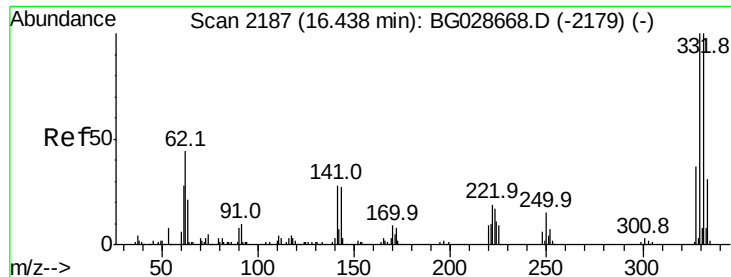
Tot Ion	82	Resp	196983
Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	58.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028708.D
Acq: 13 Sep 2017 21:23

Tgt Ion	164	Resp	74757
Ion	Ratio	Lower	Upper
164	100		
162	110.2	85.1	127.7
160	46.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 184.205 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028708.D

Acq: 13 Sep 2017 21:23

Instrument :

BNA_G

ClientSampleId :

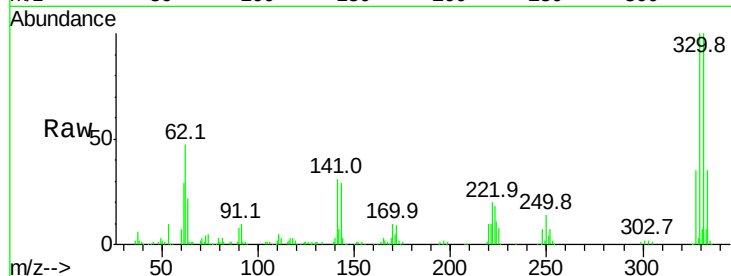
Tot Ion:330 Resp: 227757

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

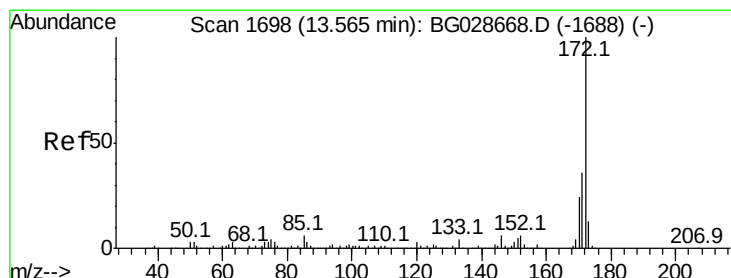
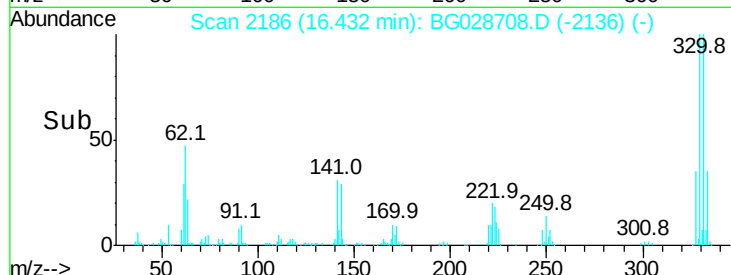
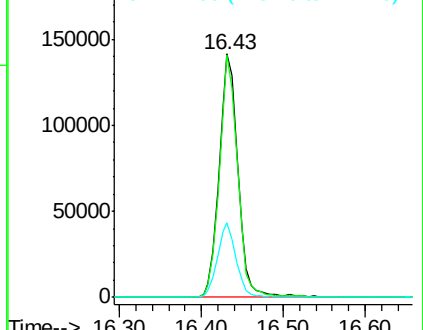
141 30.2 32.1 48.1#



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: 97.411 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG028708.D

Acq: 13 Sep 2017 21:23

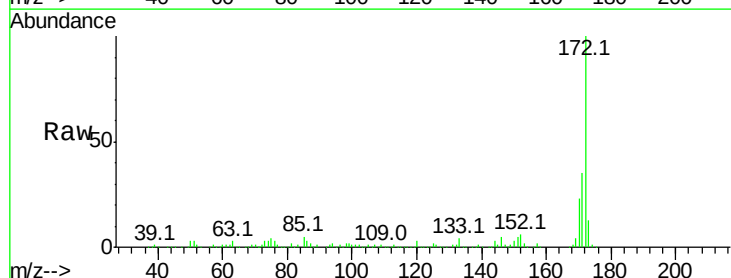
Tgt Ion:172 Resp: 546126

Ion Ratio Lower Upper

172 100

171 34.7 32.2 48.2

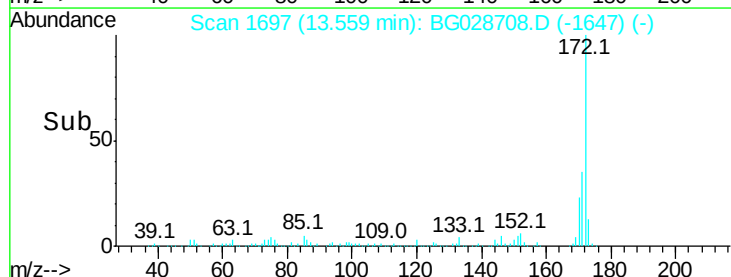
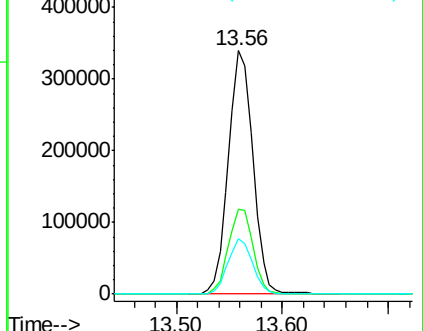
170 22.6 21.8 32.6

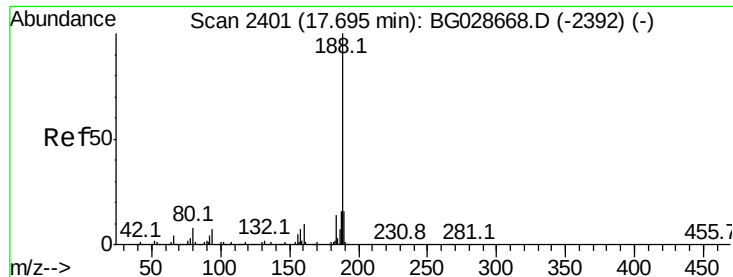


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG028708.D

Acq: 13 Sep 2017 21:23

Instrument :

BNA_G

ClientSampleId :

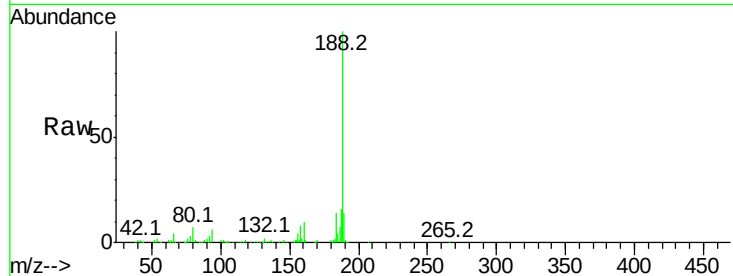
Tot Ion:188 Resp: 244290

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

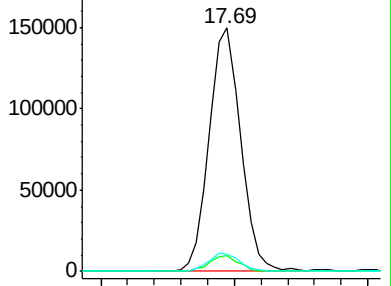
80 6.8 7.5 11.3#



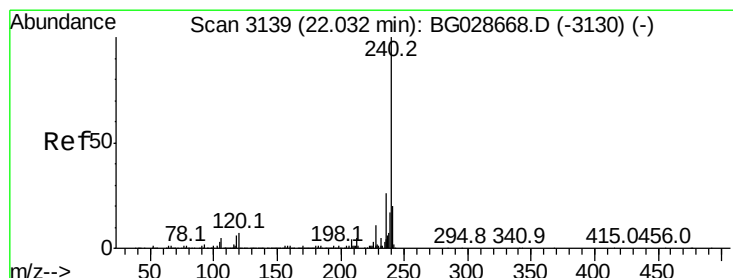
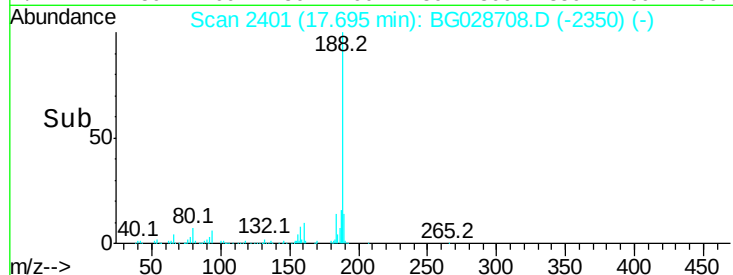
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028708.D

Acq: 13 Sep 2017 21:23

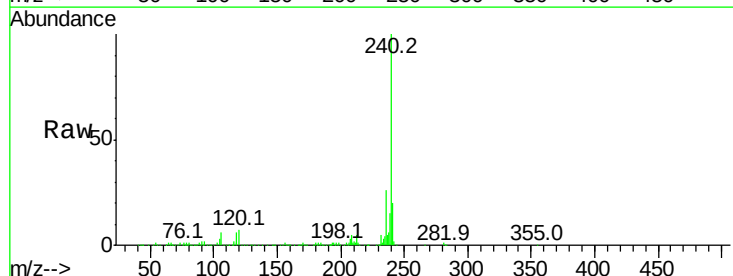
Tgt Ion:240 Resp: 283535

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

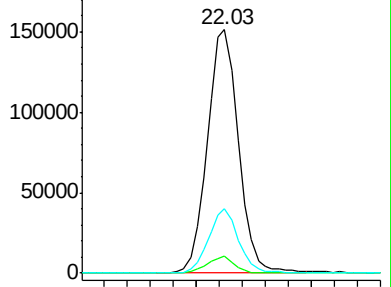
236 26.4 22.2 33.4



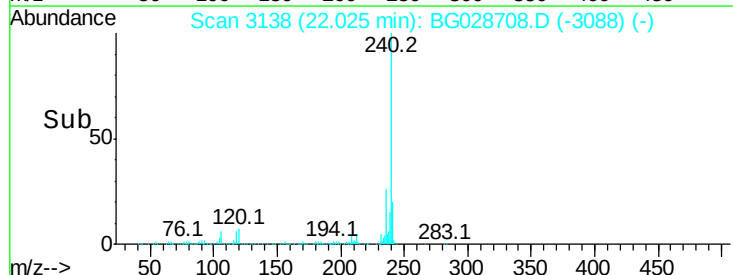
Abundance Ion 240.00 (239.70 to 240.70): E

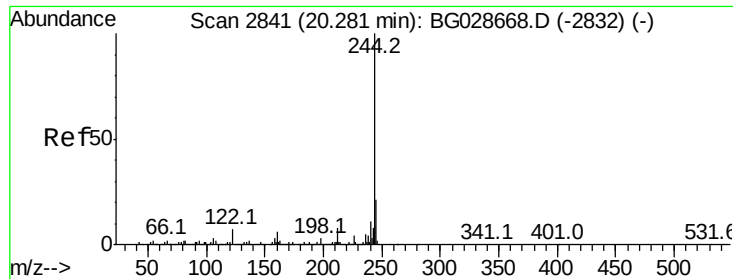
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.00 22.10



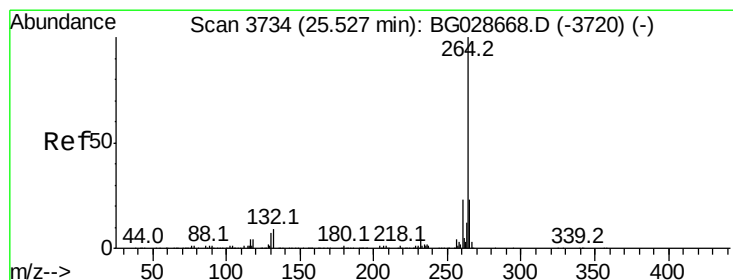
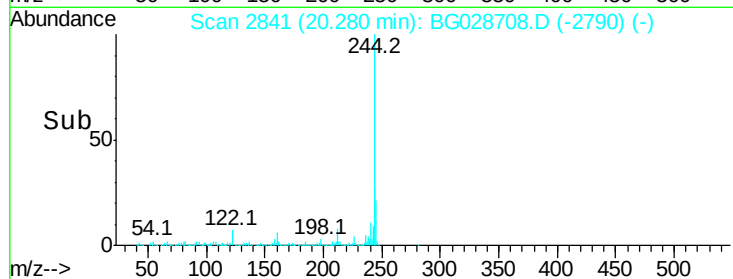
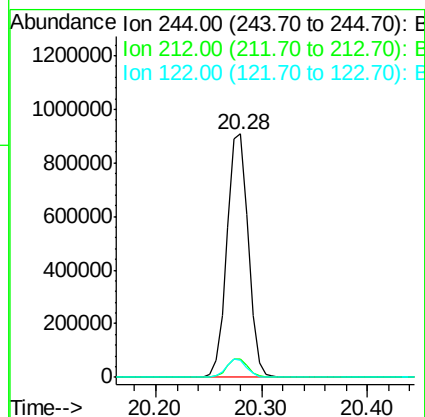
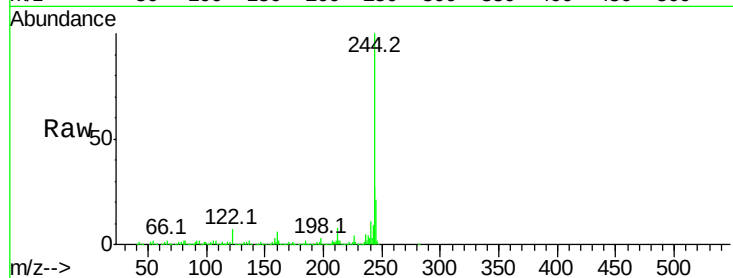


#78
 Terphenyl-d14
 Concen: 95.366 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BG028708.D
 Acq: 13 Sep 2017 21:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1267932

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.0	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028708.D
 Acq: 13 Sep 2017 21:23

Tgt Ion:264 Resp: 292534

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.8	32.8
265	22.4	18.2	27.4

