

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028941.D
 Acq On : 26 Sep 2017 13:07
 Operator : SJ/JU
 Sample : I5395-09RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 13:43:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

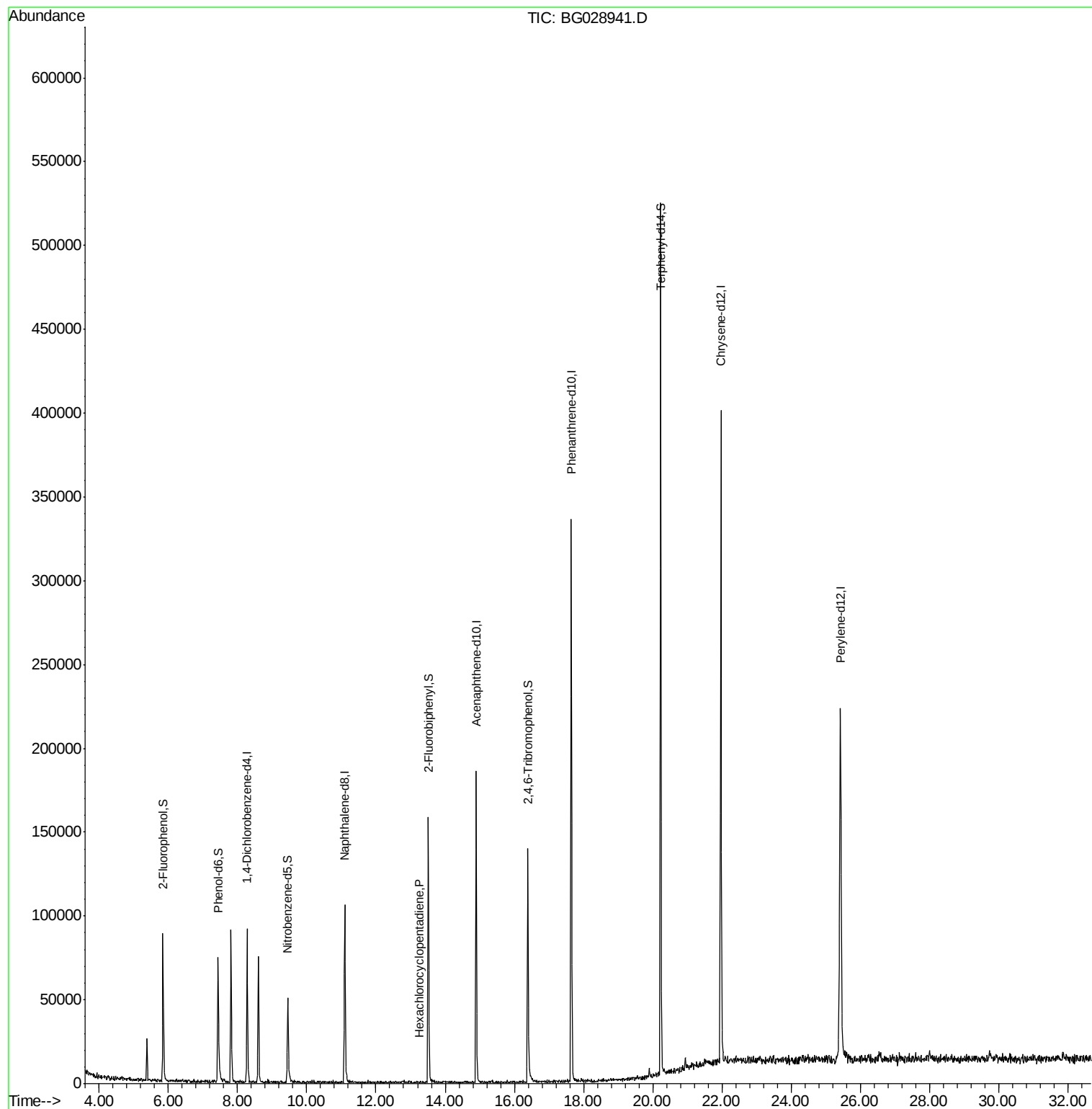
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23785	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	96503	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	69331	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	234082	20.00	ng	0.00
75) Chrysene-d12	21.97	240	282520	20.00	ng	0.00
86) Perylene-d12	25.42	264	285920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	40731	28.26	ng	0.00
7) Phenol-d6	7.44	99	48864	22.51	ng	0.00
23) Nitrobenzene-d5	9.45	82	38457	19.06	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	36902	32.18	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	99306	19.10	ng	0.00
78) Terphenyl-d14	20.23	244	270006	20.38	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.25	237	64	7.655	ng	Qvalue # 29

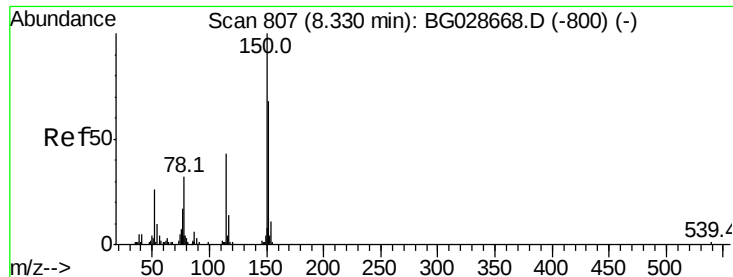
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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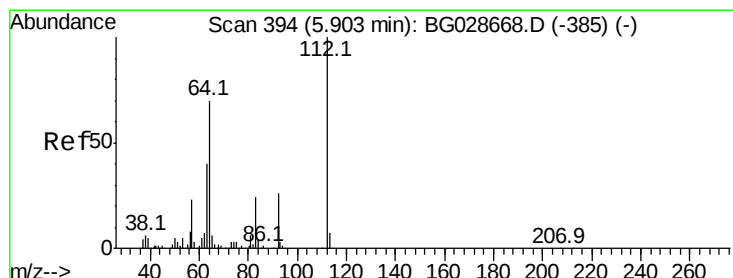
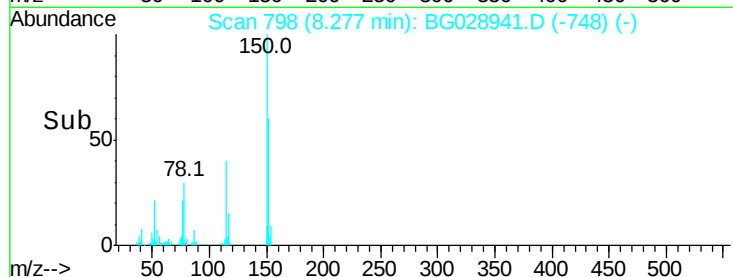
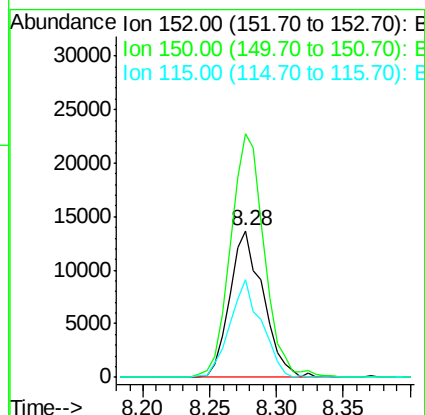
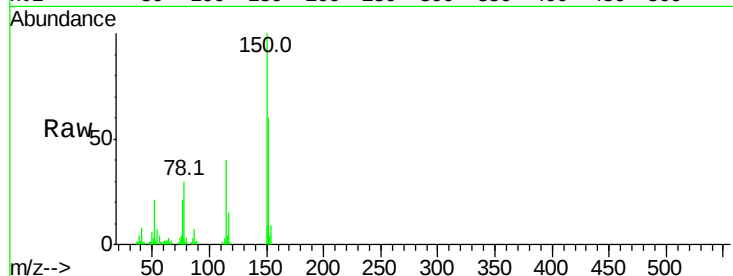


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Instrument :
BNA_G
ClientSampleId :

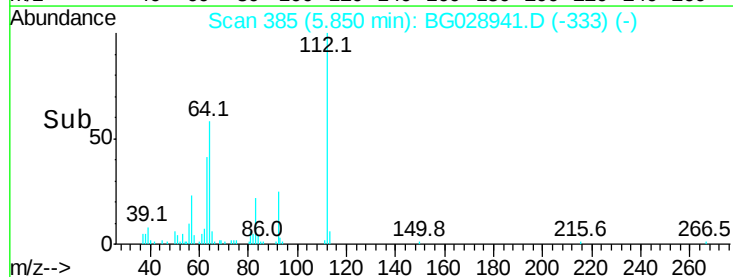
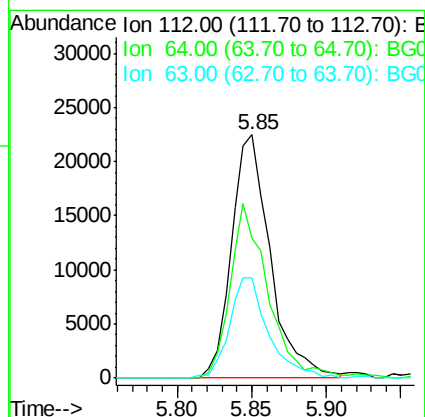
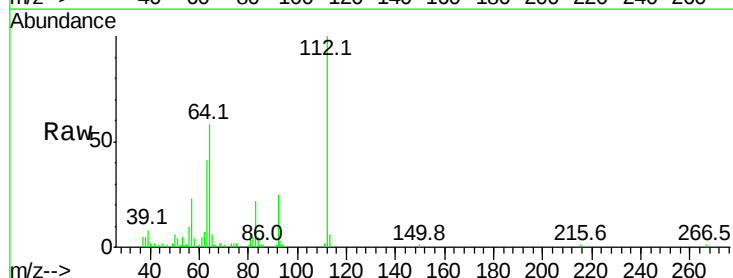
Tot Ion:152 Resp: 23785
Ion Ratio Lower Upper
152 100
150 166.3 114.0 171.0
115 67.0 48.1 72.1

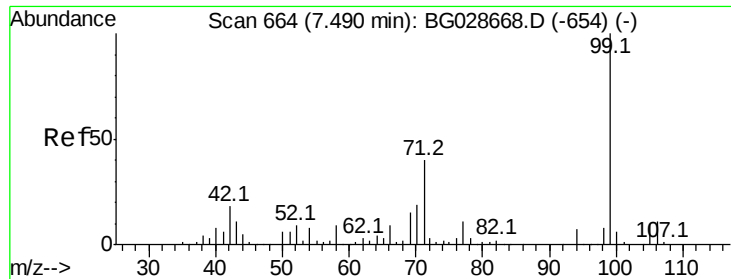


#5

2-Fluorophenol
Concen: 28.257 ng
RT: 5.85 min Scan# 385
Delta R.T. 0.01 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Tgt Ion:112 Resp: 40731
Ion Ratio Lower Upper
112 100
64 57.5 61.8 92.6#
63 41.3 37.2 55.8





#7

Phenol-d6

Concen: 22.515 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

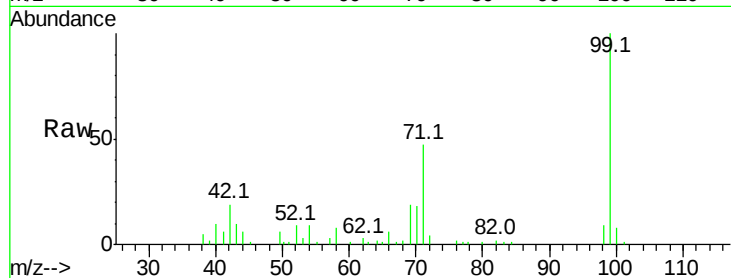
Instrument :

BNA_G

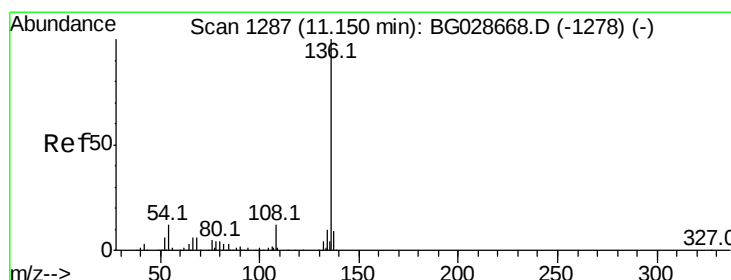
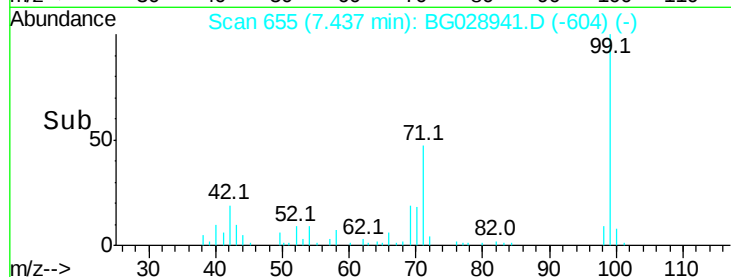
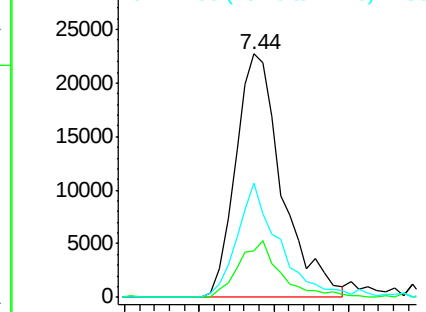
ClientSampleId :

Tot Ion: 99 Resp: 48864

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.5	30.7#
71	47.2	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

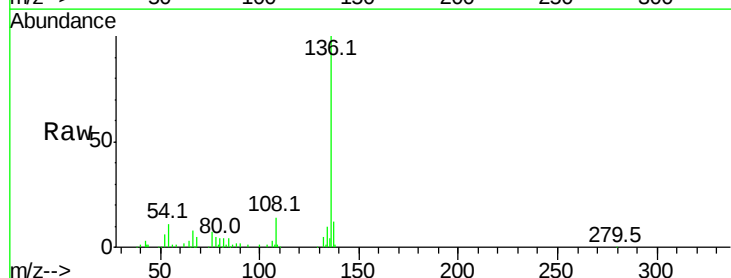
Delta R.T. 0.00 min

Lab File: BG028941.D

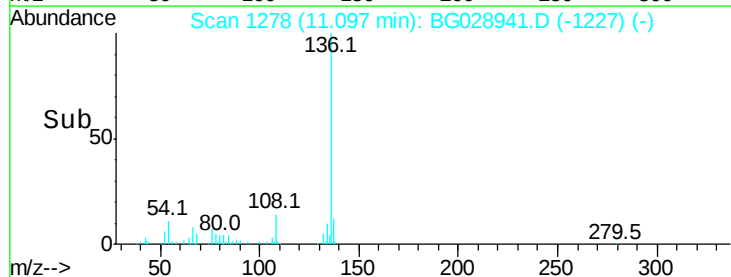
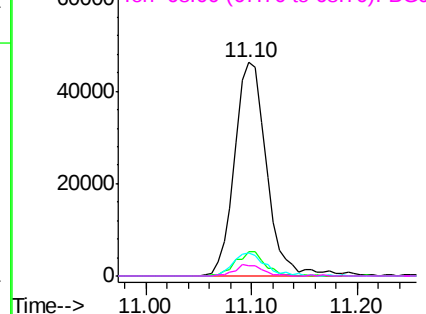
Acq: 26 Sep 2017 13:07

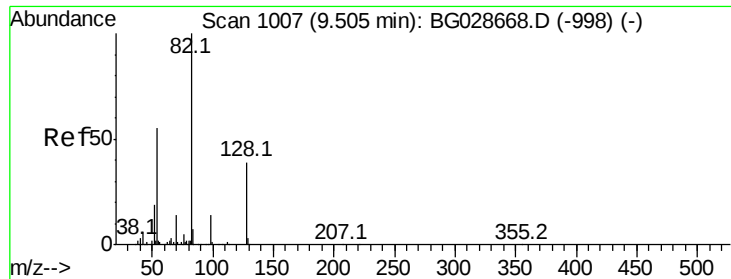
Tgt Ion: 136 Resp: 96503

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.1	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

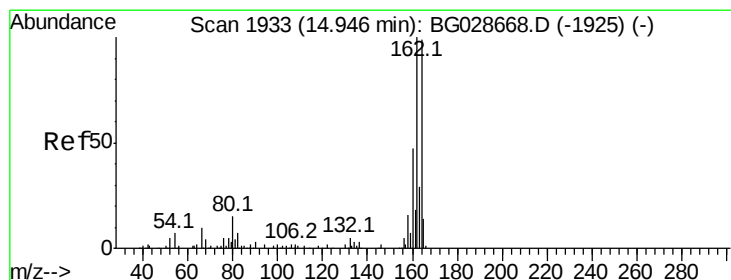
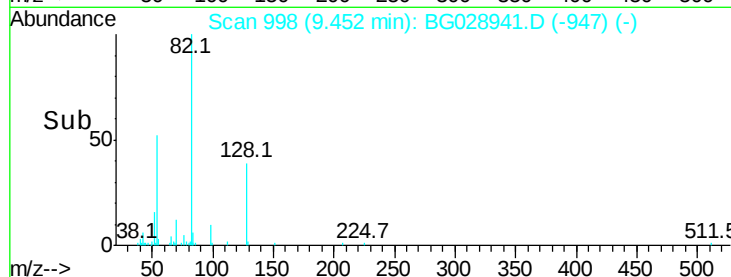
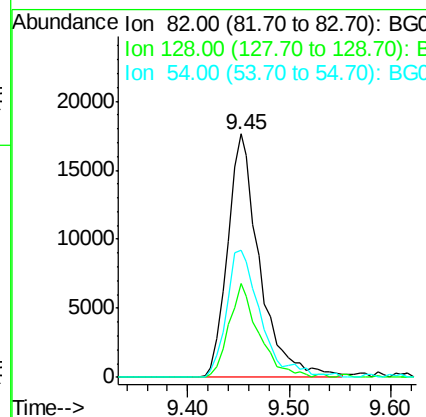
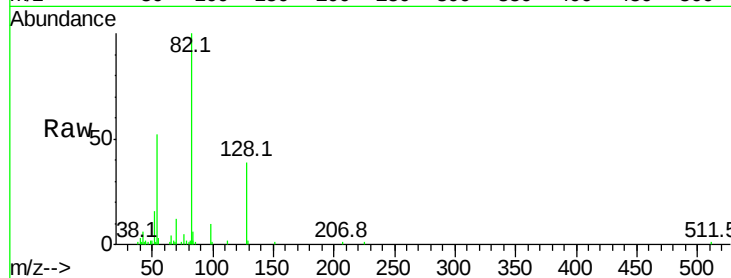




#23
Nitrobenzene-d5
Concen: 19.063 ng
RT: 9.45 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

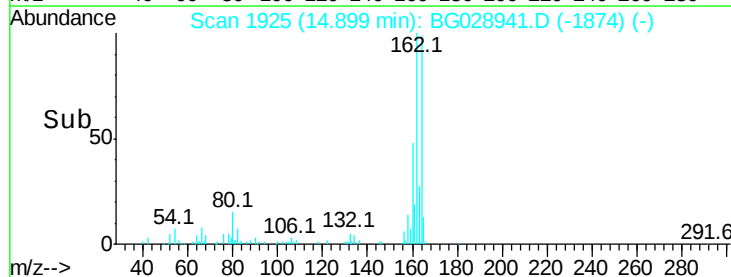
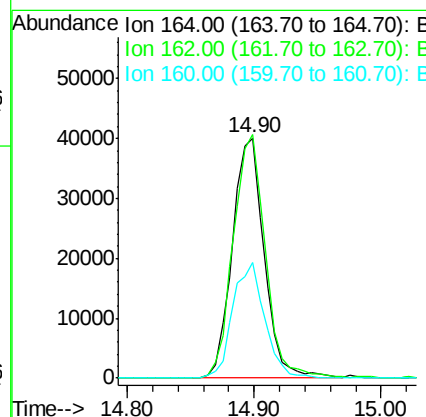
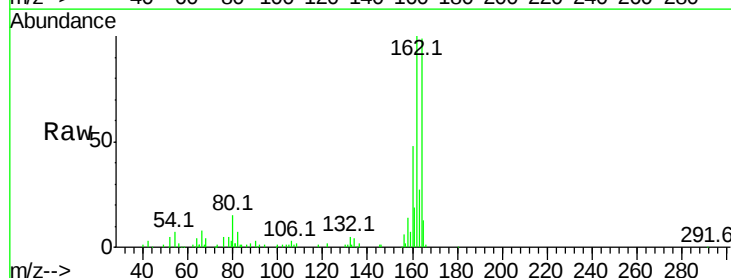
Instrument :
BNA_G
ClientSampleId :

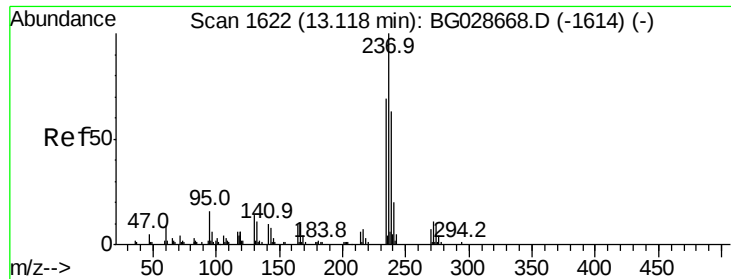
Tot Ion	82	Resp	38457
Ion Ratio	100	Lower	Upper
128	38.7	26.4	39.6
54	52.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Tgt Ion	164	Resp	69331
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.3	85.1	127.7
160	48.3	34.7	52.1

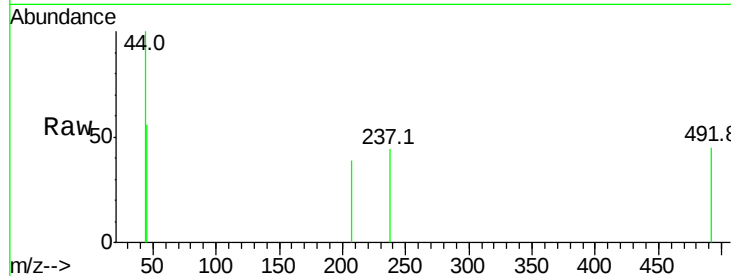




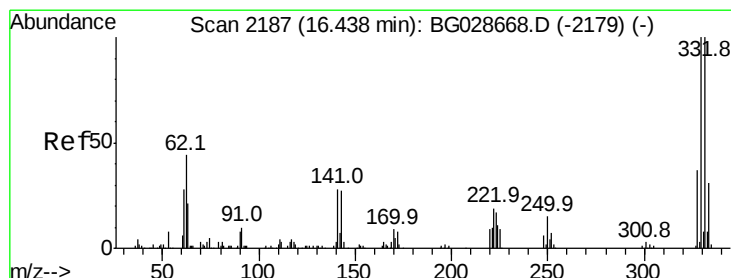
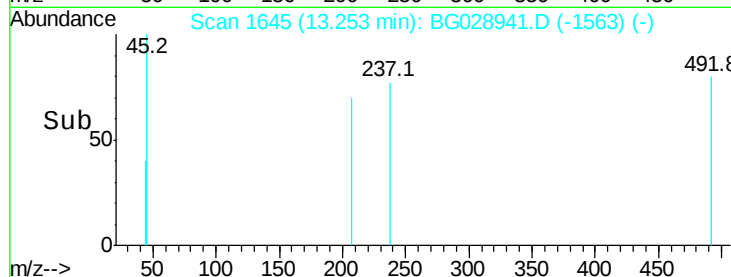
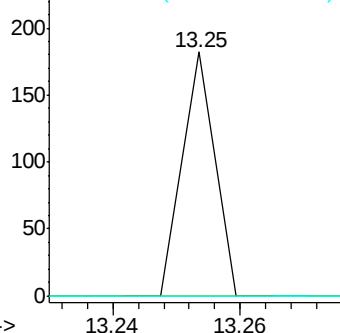
#40
Hexachlorocyclopentadiene
Concen: 7.655 ng
RT: 13.25 min Scan# 1645
Delta R.T. 0.18 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 64
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

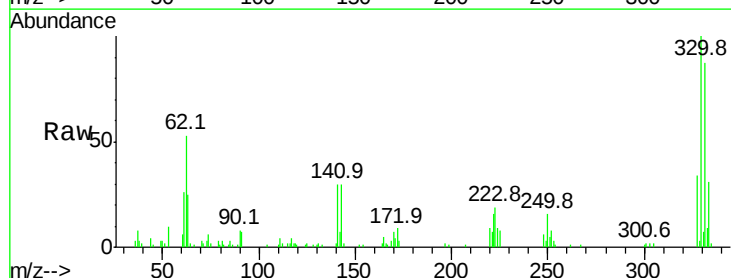


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

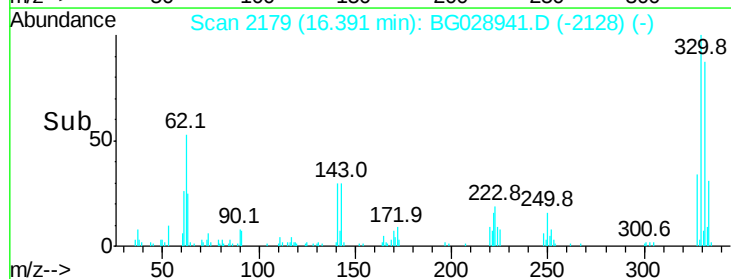
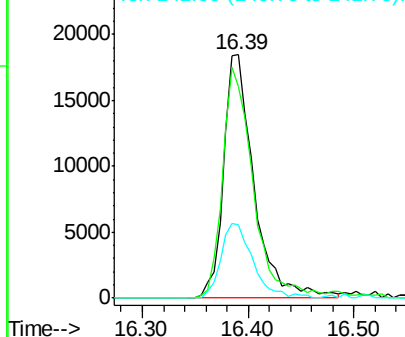


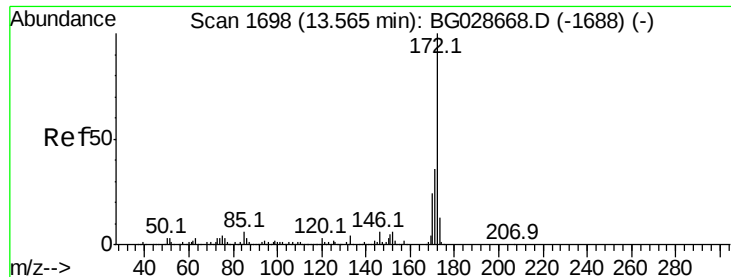
#41
2,4,6-Tribromophenol
Concen: 32.181 ng
RT: 16.39 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Tgt Ion:330 Resp: 36902
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 32.5 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: 19.099 ng

RT: 13.52 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

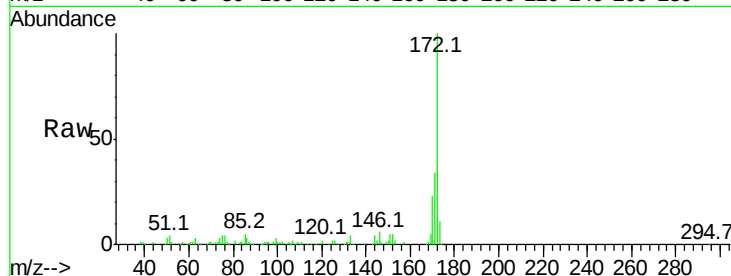
Tot Ion:172 Resp: 99306

Ion Ratio Lower Upper

172 100

171 33.9 32.2 48.2

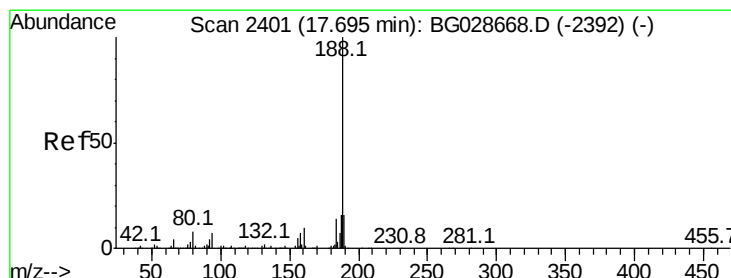
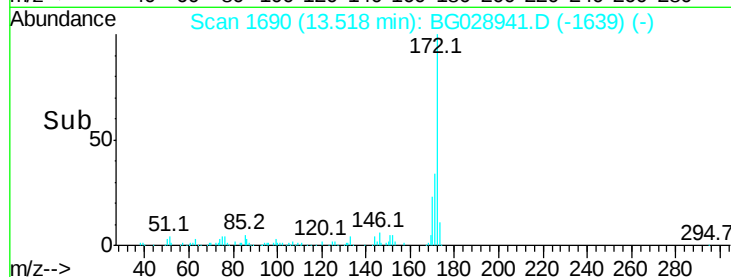
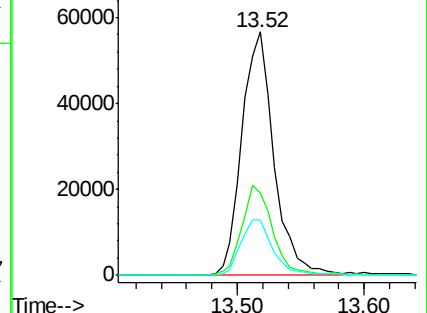
170 22.7 21.8 32.6



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: 17.65 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

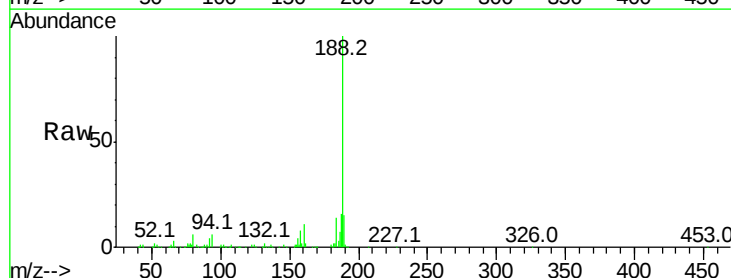
Tgt Ion:188 Resp: 234082

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

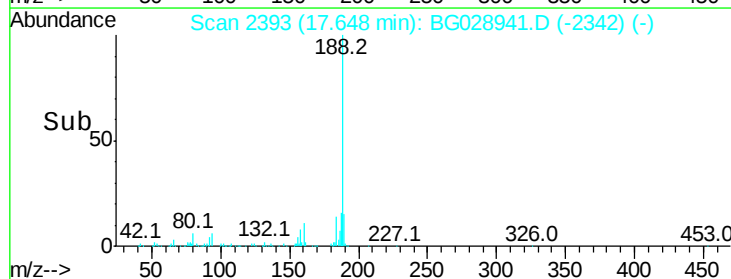
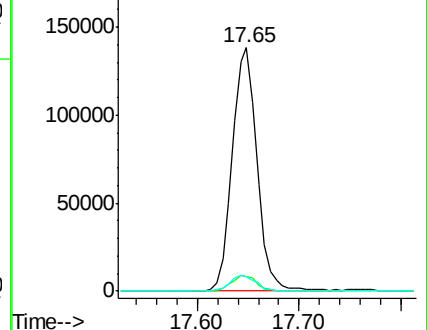
80 6.0 7.5 11.3#

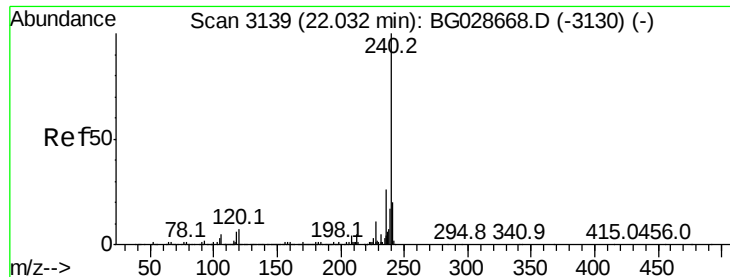


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

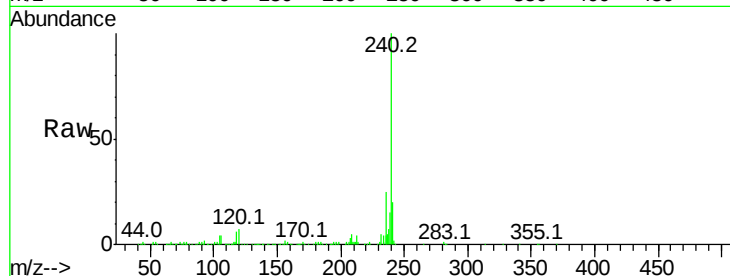
Tot Ion:240 Resp: 282520

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

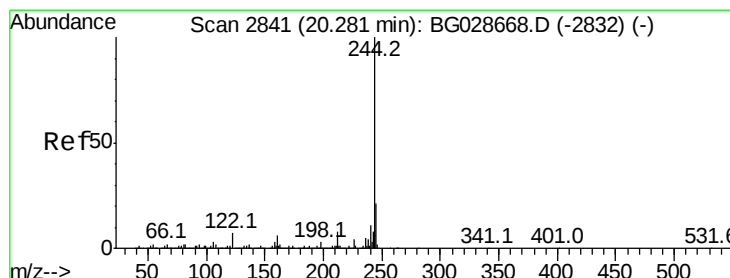
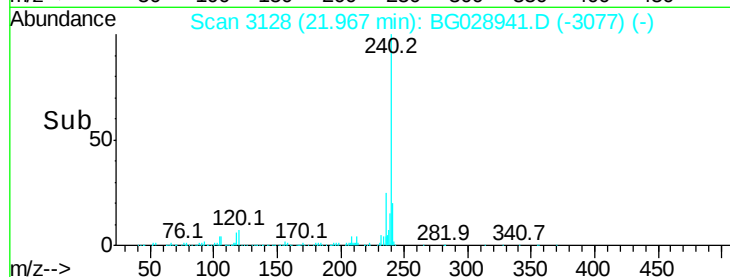
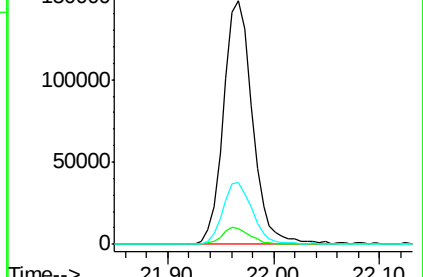
236 25.4 22.2 33.4



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: 20.381 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

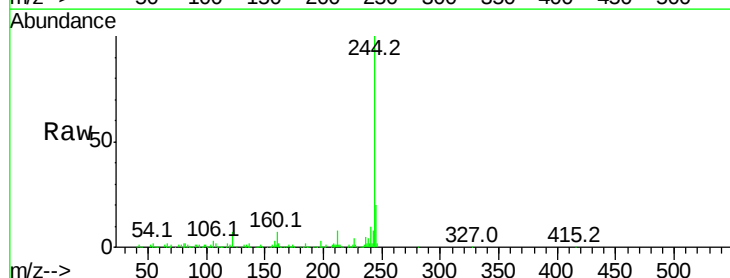
Tgt Ion:244 Resp: 270006

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

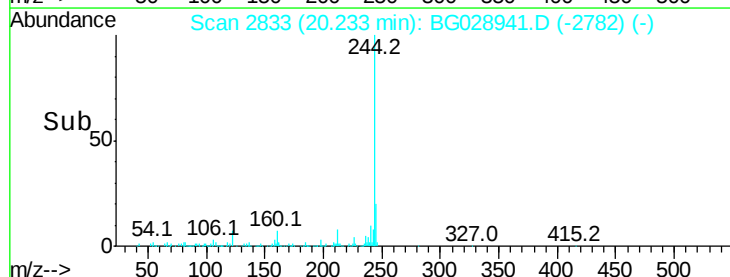
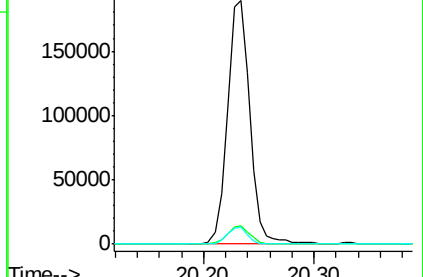
122 7.1 8.6 12.8#

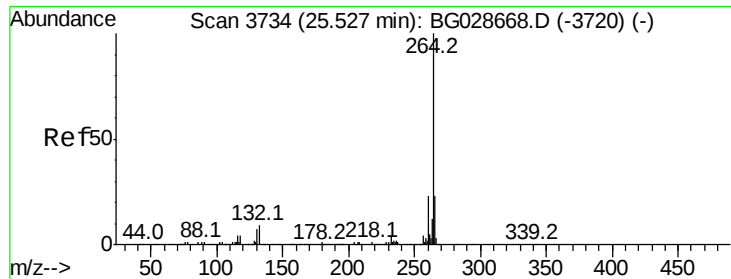


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

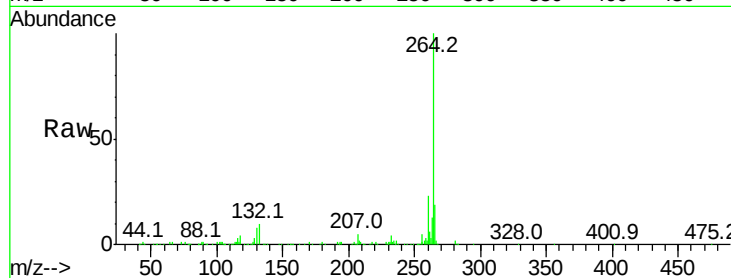




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. 0.01 min
 Lab File: BG028941.D
 Acq: 26 Sep 2017 13:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	19.3	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

