

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042360.D
 Acq On : 20 Aug 2019 15:47
 Operator : HP/JU
 Sample : k4386-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 04:15:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

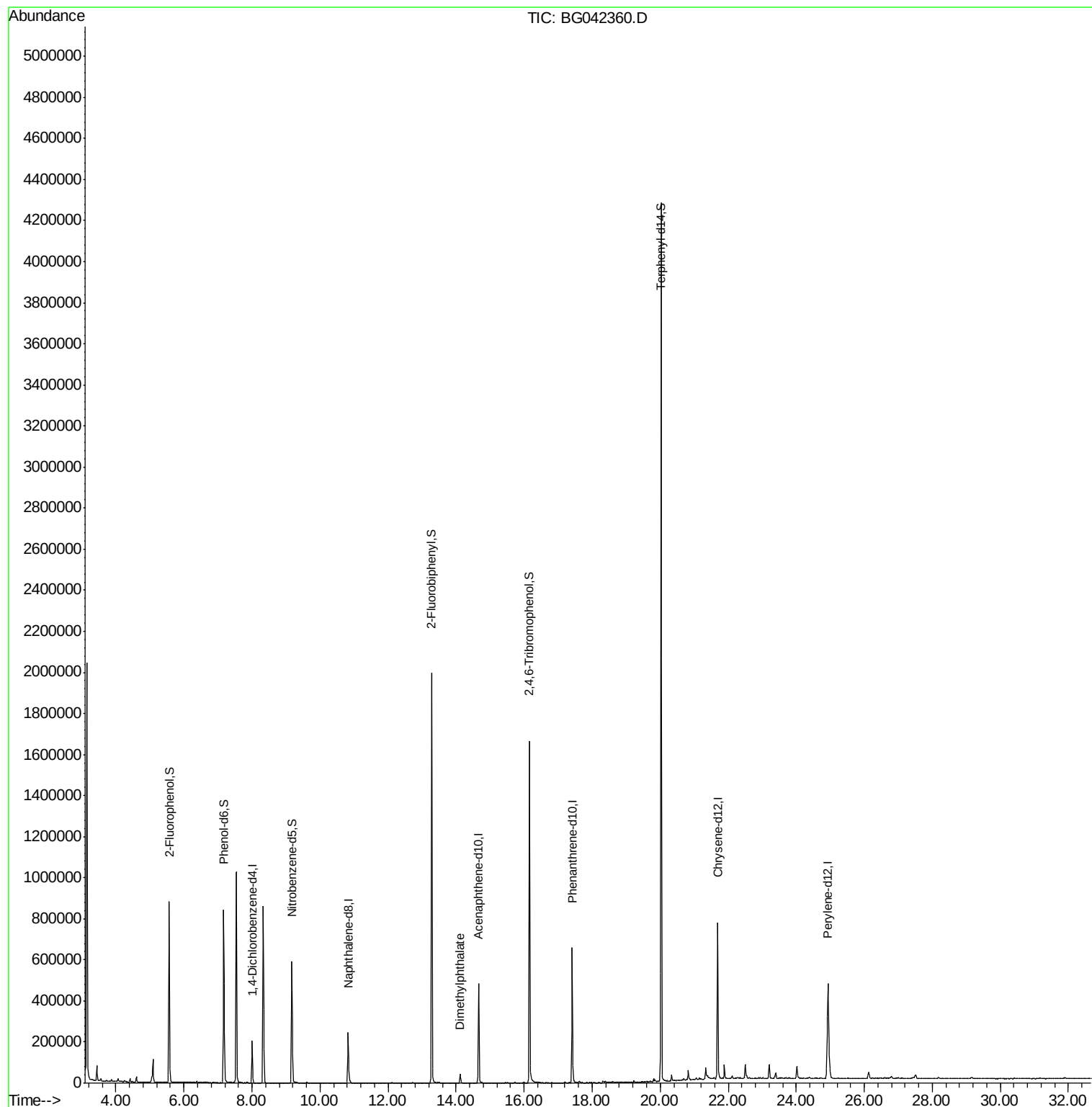
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68099	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	267918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	192316	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	449852	20.00	ng	0.00
76) Chrysene-d12	21.69	240	477825	20.00	ng	0.00
87) Perylene-d12	24.93	264	546120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	457709	136.18	ng	0.00
7) Phenol-d6	7.17	99	577058	126.42	ng	0.00
23) Nitrobenzene-d5	9.17	82	394324	103.52	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	399975	152.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1167421	102.72	ng	0.00
79) Terphenyl-d14	20.03	244	2046618	93.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	48813	3.572	ng	Qvalue 99

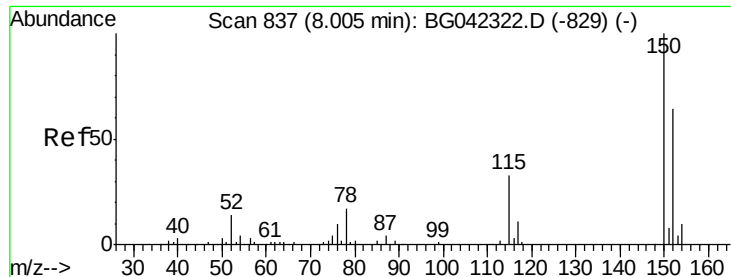
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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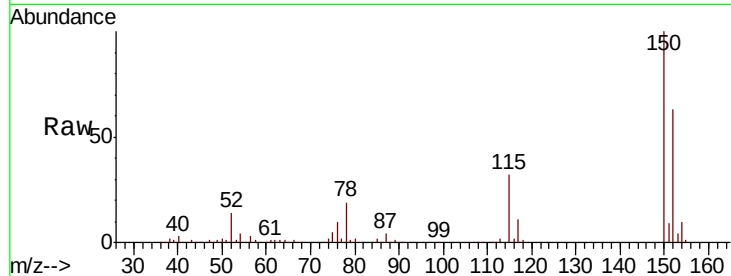


#1

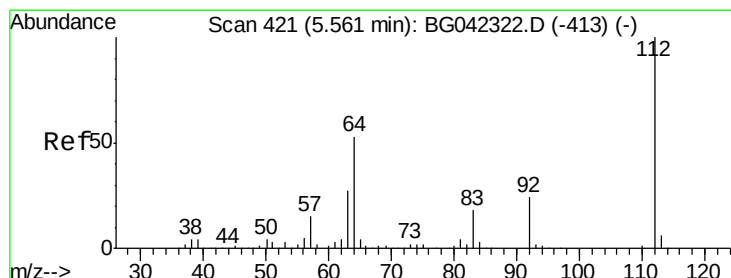
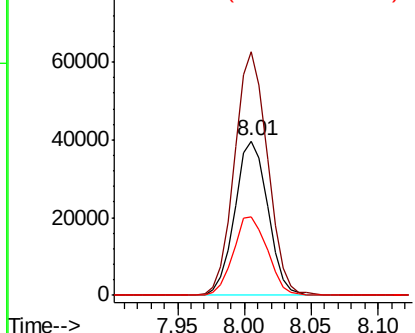
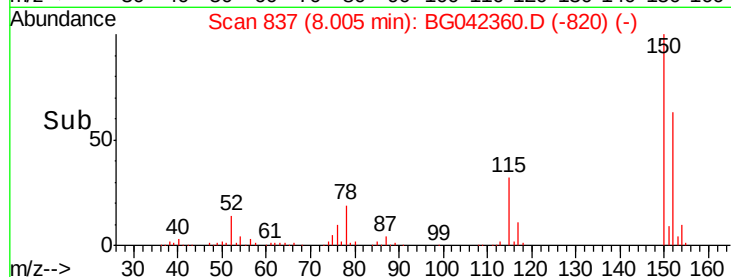
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 68099
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 50.7 40.5 60.7



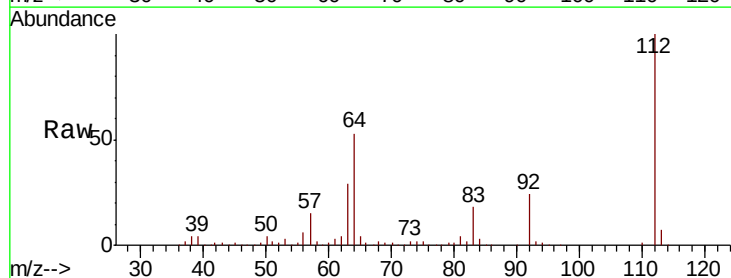
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



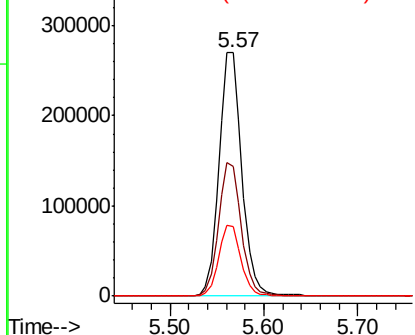
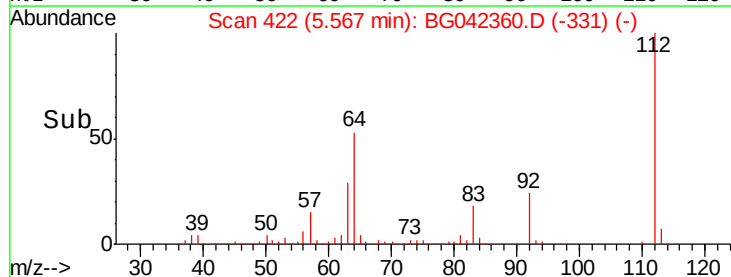
#5

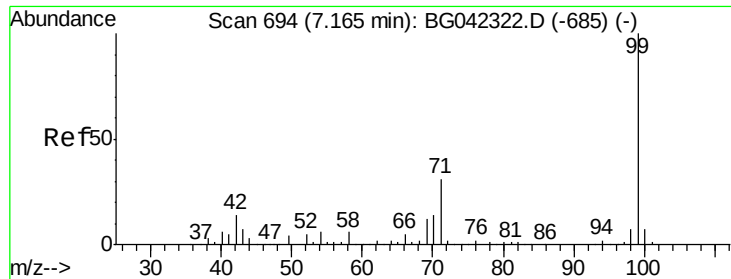
2-Fluorophenol
Concen: 136.179 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:112 Resp: 457709
Ion Ratio Lower Upper
112 100
64 53.2 42.5 63.7
63 28.5 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.415 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

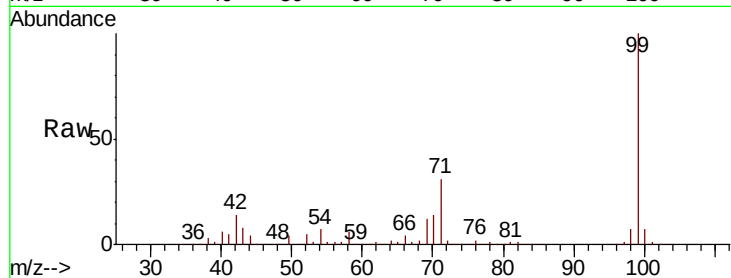
Tot Ion: 99 Resp: 577058

Ion Ratio Lower Upper

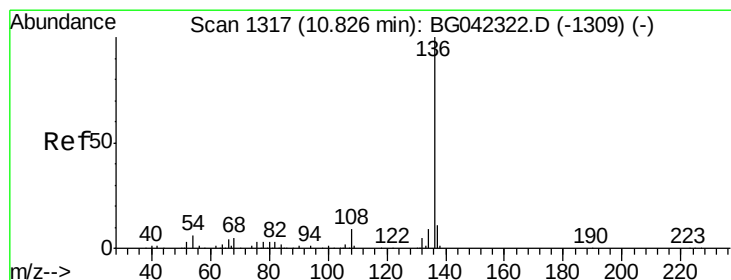
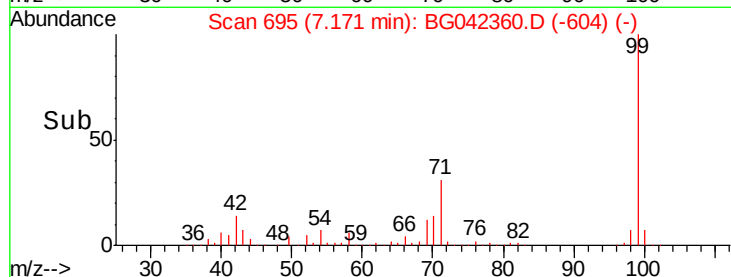
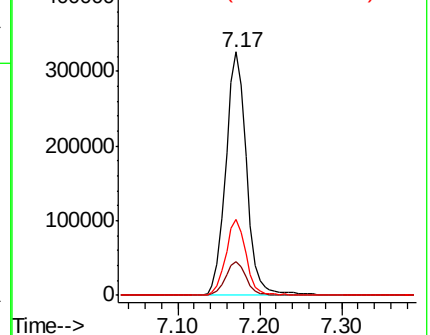
99 100

42 14.0 11.4 17.0

71 31.3 25.1 37.7



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Tgt Ion: 136 Resp: 267918

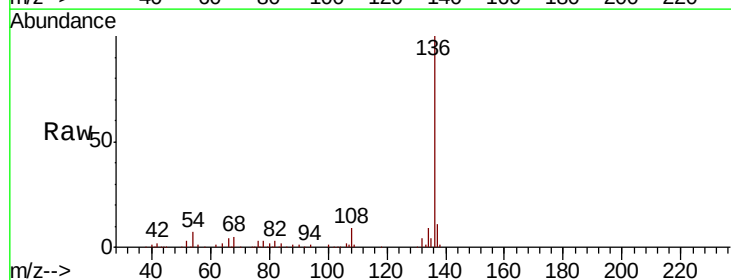
Ion Ratio Lower Upper

136 100

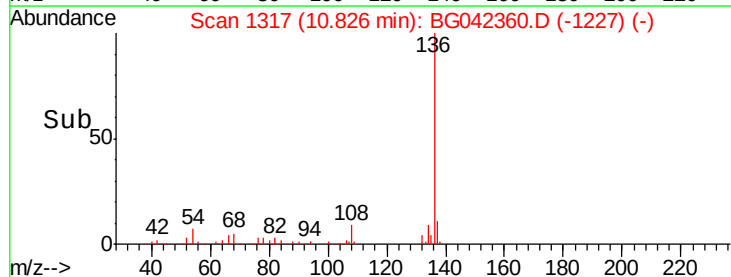
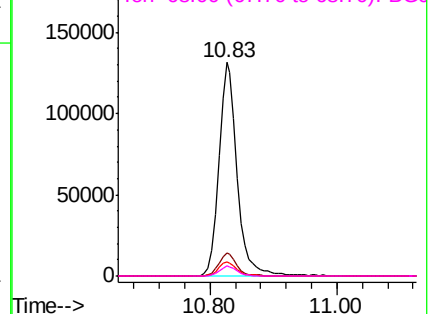
137 10.6 8.4 12.6

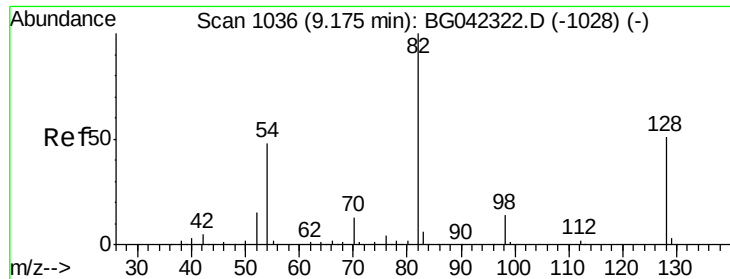
54 6.6 5.0 7.4

68 4.6 3.8 5.8



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

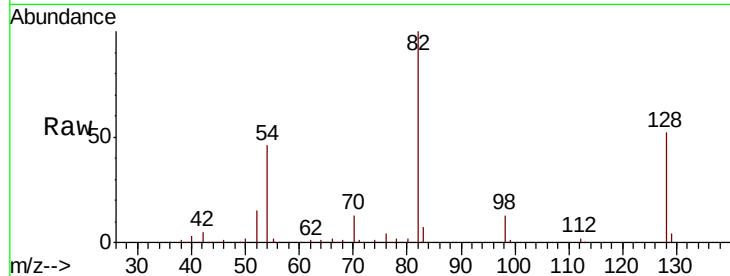




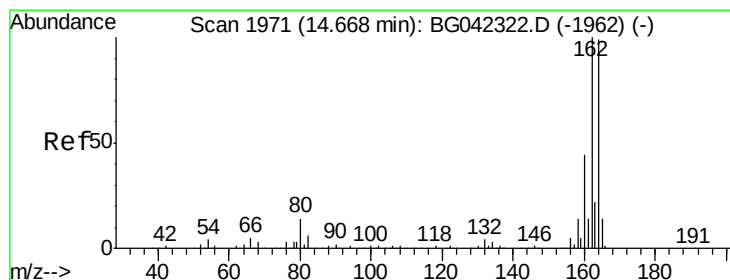
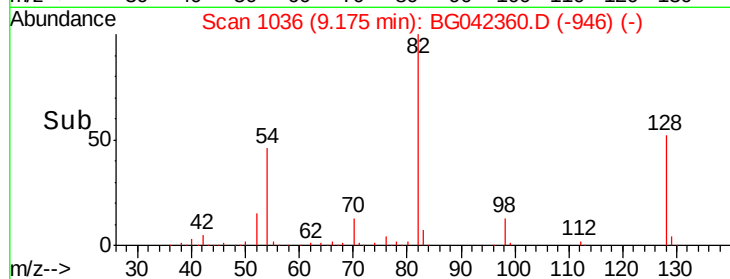
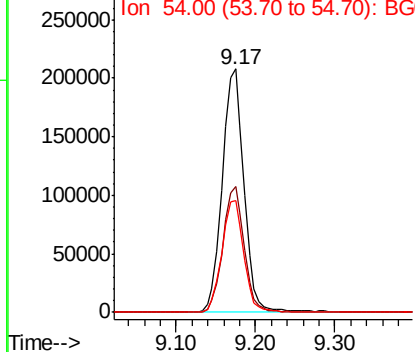
#23
Nitrobenzene-d5
Concen: 103.517 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	394324
Ion Ratio	100		
Lower	41.0		
Upper	61.4		
54	45.9		57.0

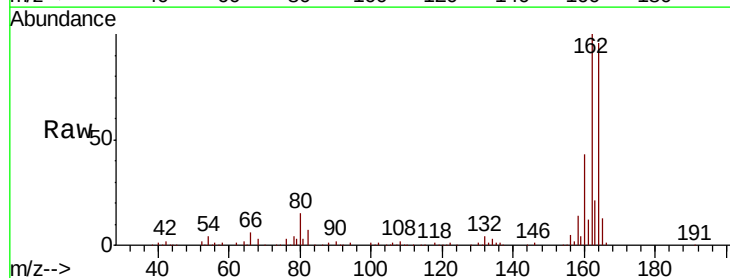


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

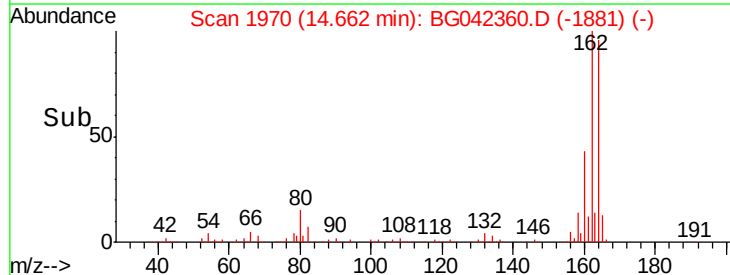
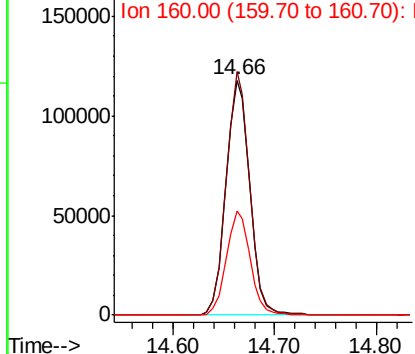


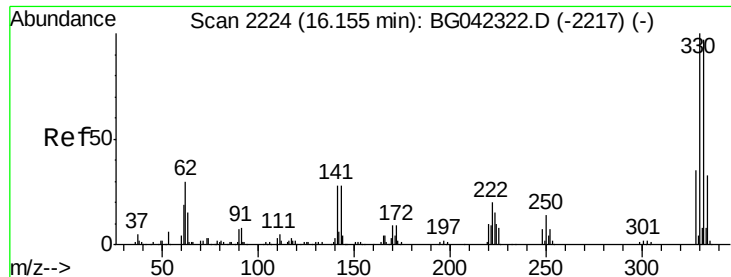
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion	164	Resp	192316
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.6</td> <td></td> <td></td>	80.6		
Upper <td>120.8</td> <td></td> <td></td>	120.8		
162	103.6		53.5
160	44.6		



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 152.703 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

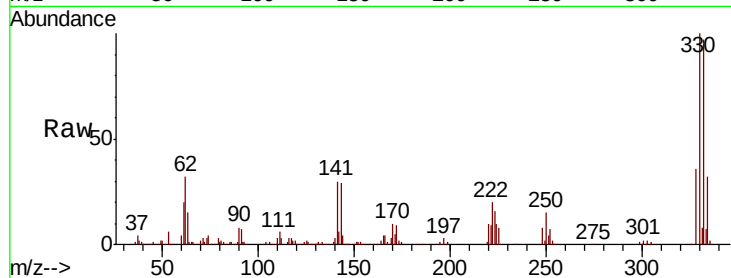
Tot Ion:330 Resp: 399975

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

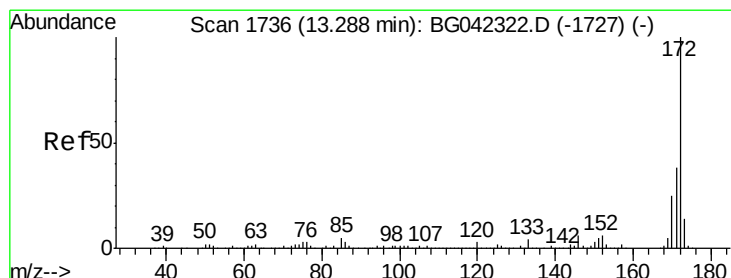
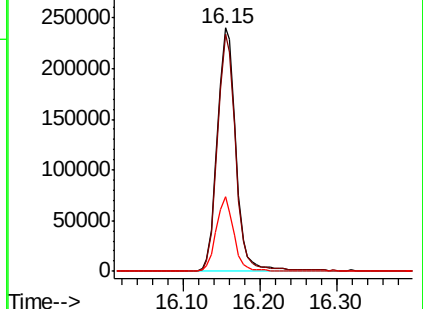
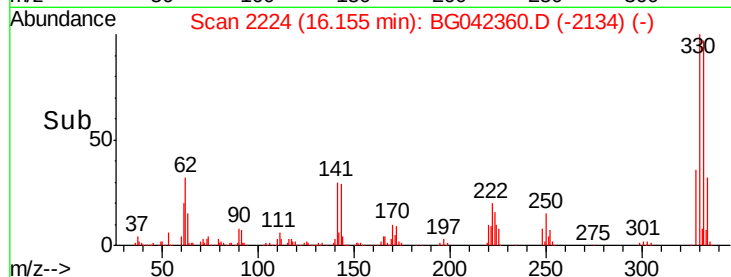
141 28.9 21.8 32.6



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



#45

2-Fluorobiphenyl

Concen: 102.720 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

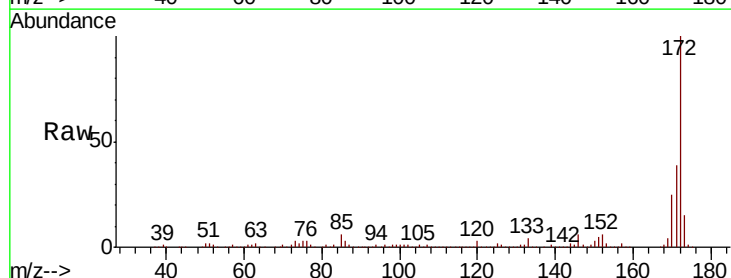
Tgt Ion:172 Resp: 1167421

Ion Ratio Lower Upper

172 100

171 38.9 30.3 45.5

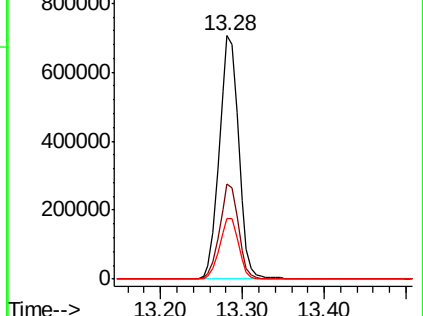
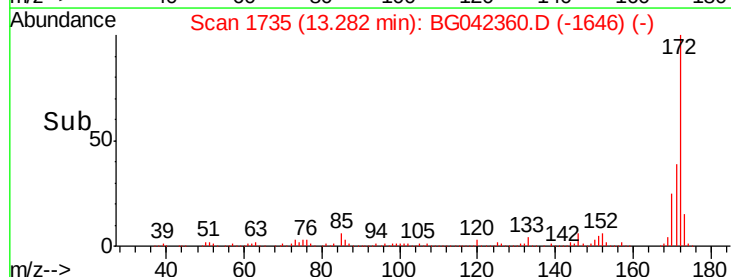
170 25.0 20.0 30.0

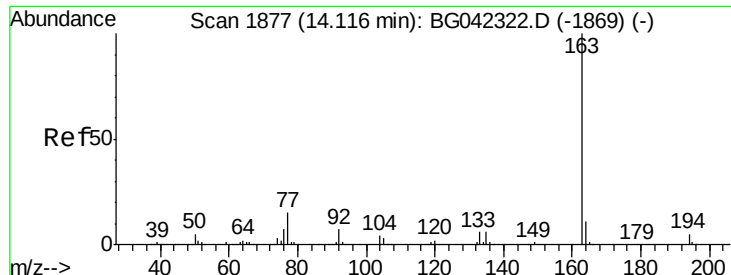


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.572 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

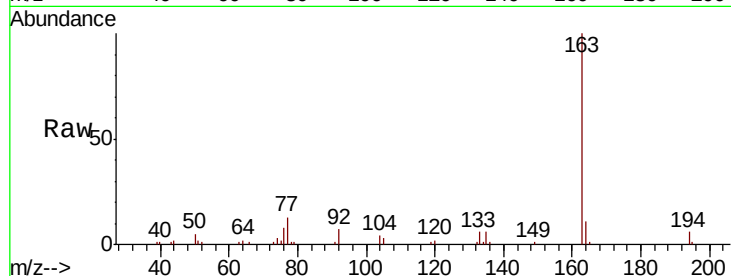
Tot Ion:163 Resp: 48813

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

164 11.2 8.8 13.2

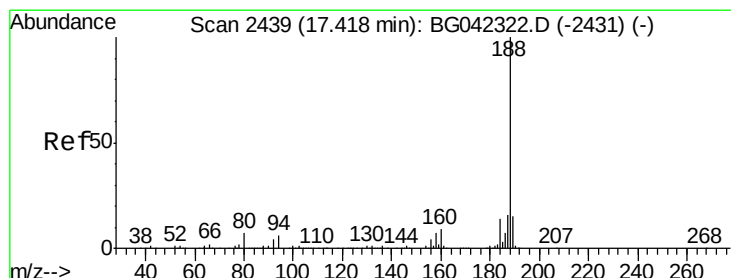
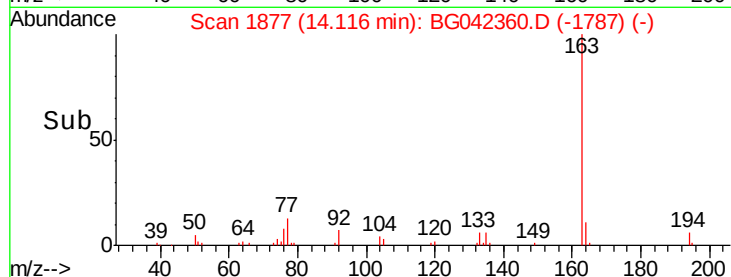
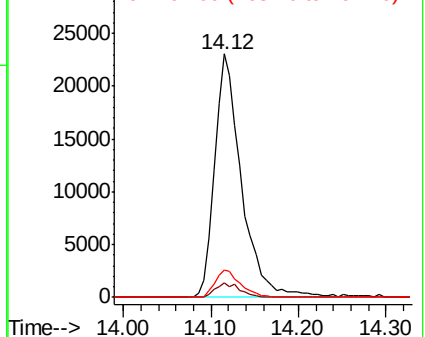


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

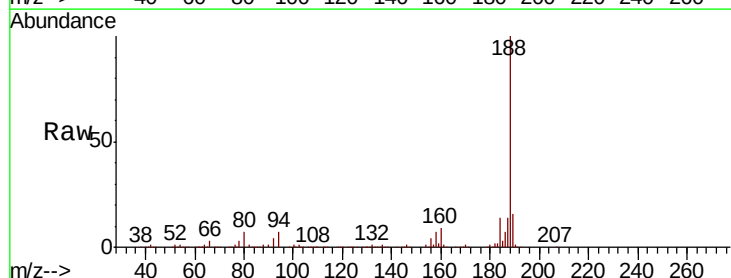
Tgt Ion:188 Resp: 449852

Ion Ratio Lower Upper

188 100

94 6.9 4.9 7.3

80 7.1 5.4 8.0

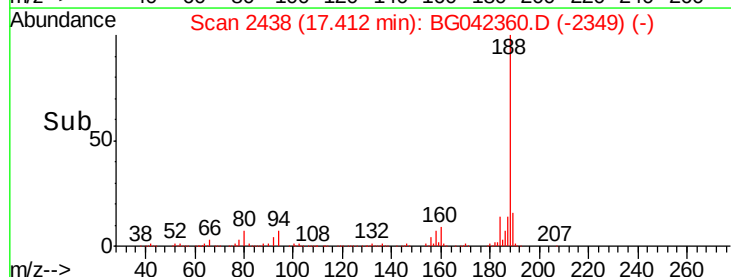
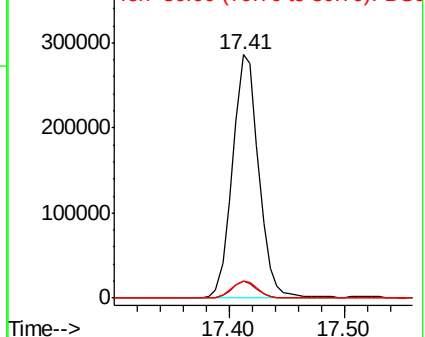


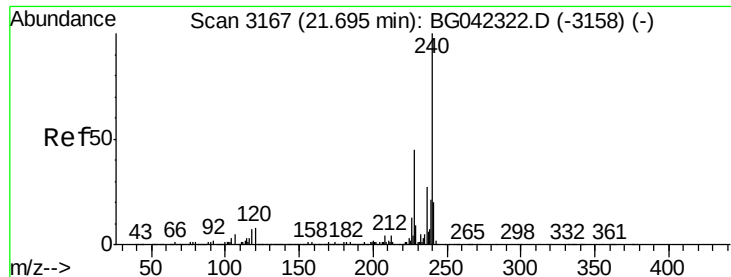
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

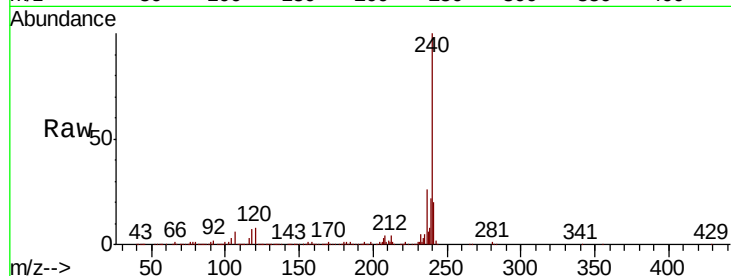
Tot Ion:240 Resp: 477825

Ion Ratio Lower Upper

240 100

120 7.8 6.0 9.0

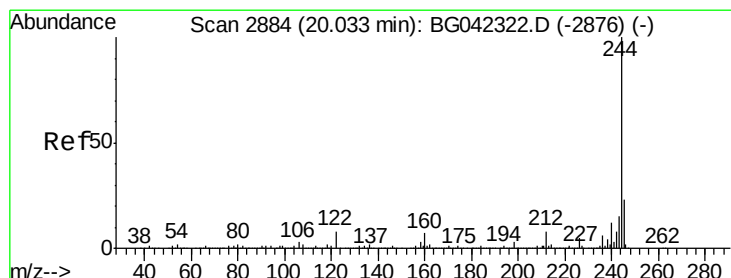
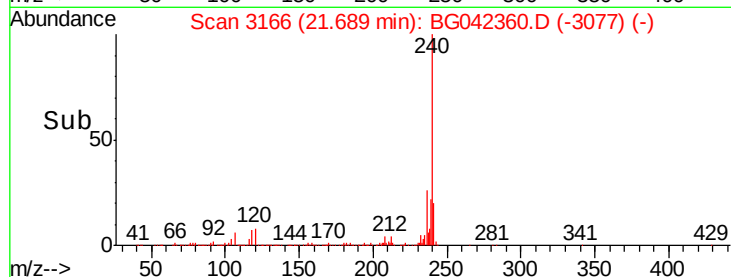
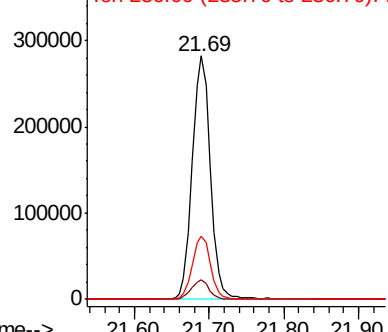
236 26.1 21.6 32.4



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



#79

Terphenyl-d14

Concen: 93.814 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

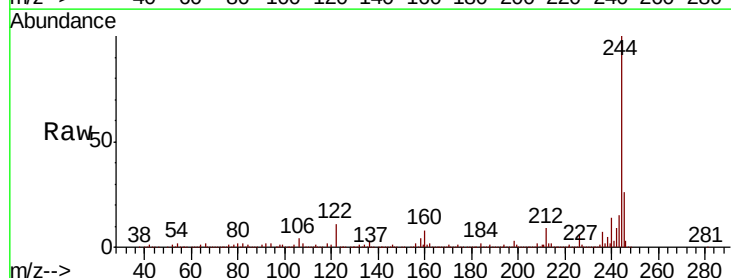
Tgt Ion:244 Resp: 2046618

Ion Ratio Lower Upper

244 100

212 9.0 6.4 9.6

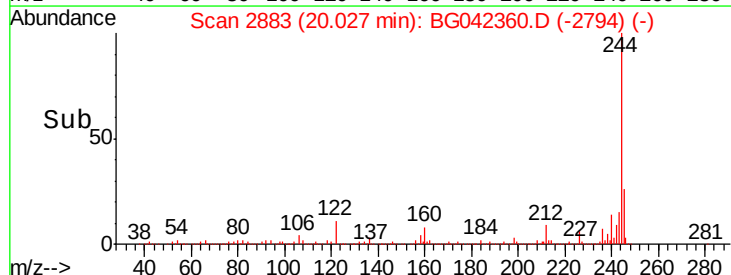
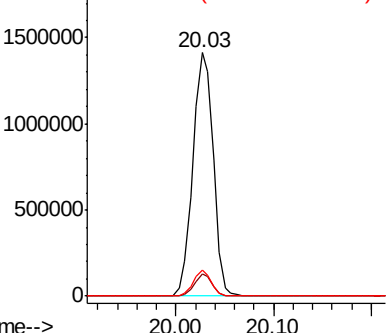
122 10.6 6.6 10.0#

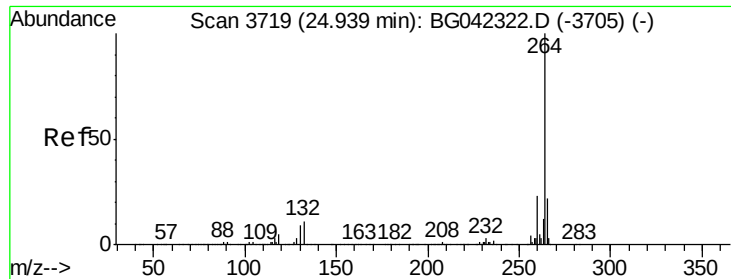


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042360.D
 Acq: 20 Aug 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.5	17.4	26.0

