

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042343.D
 Acq On : 20 Aug 2019 1:38
 Operator : HP/JU
 Sample : K4266-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(0-1)

Quant Time: Aug 20 07:21:32 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

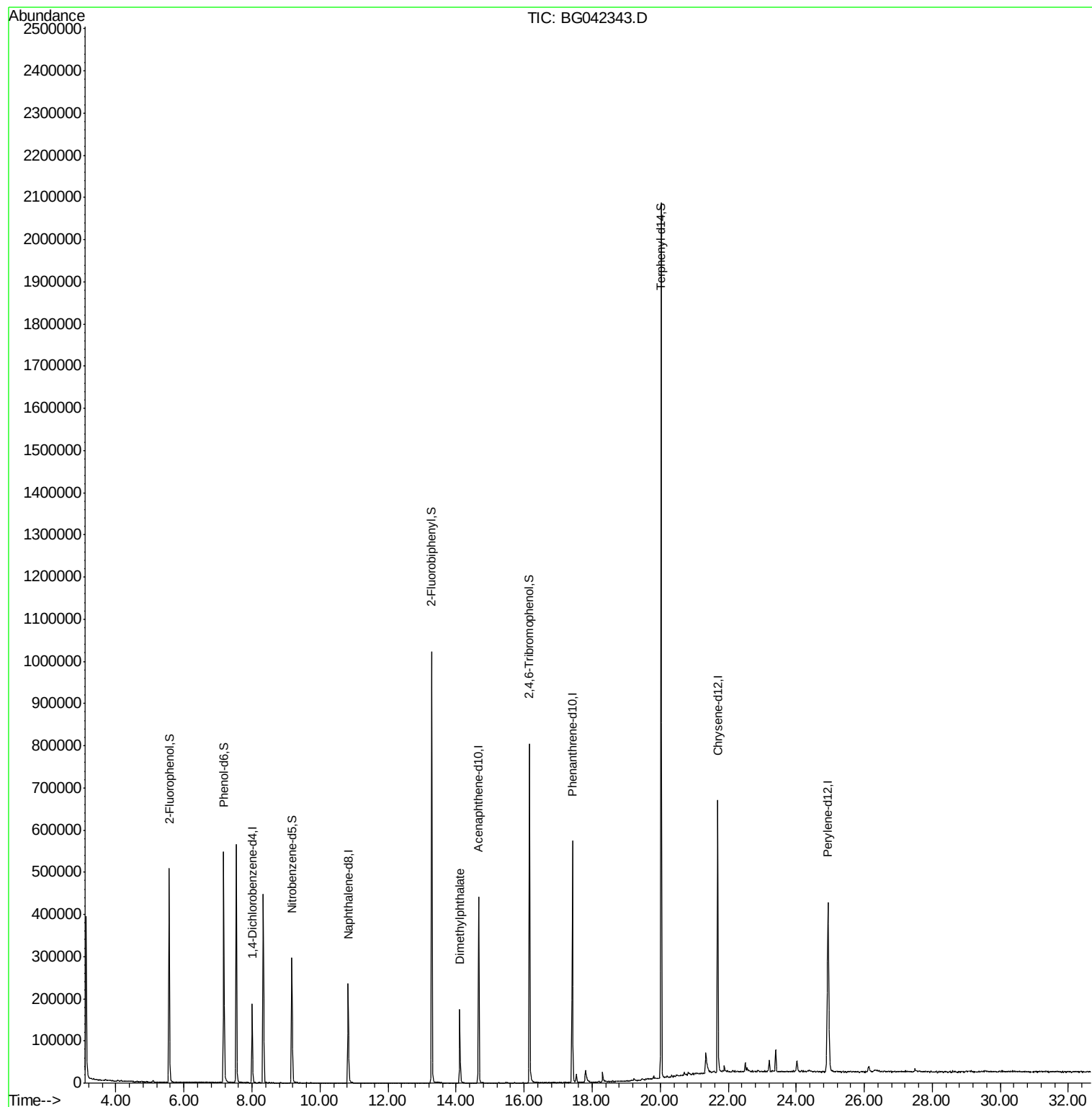
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	62964	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247877	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	180536	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	407673	20.00	ng	0.00
76) Chrysene-d12	21.69	240	419800	20.00	ng	0.00
87) Perylene-d12	24.93	264	499147	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	271739	87.44	ng	0.00
7) Phenol-d6	7.17	99	379363	89.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	205607	58.34	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	198077	80.56	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	609869	57.16	ng	0.00
79) Terphenyl-d14	20.03	244	1054454	55.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	154513	12.045	ng	Qvalue 100

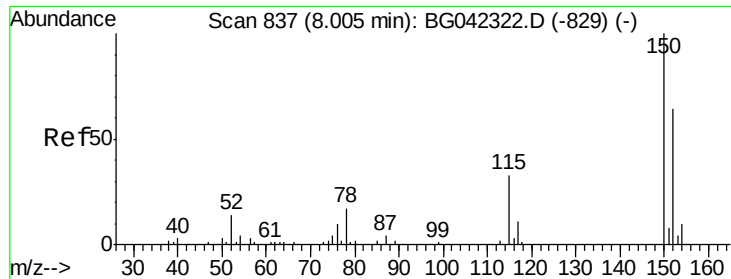
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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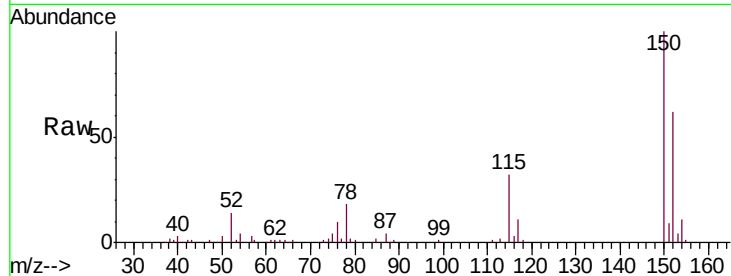


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042343.D
Acq: 20 Aug 2019 1:38

Instrument :
BNA_G
ClientSampleId :
R1-R2(A1-A4)-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	51.3	40.5	60.7

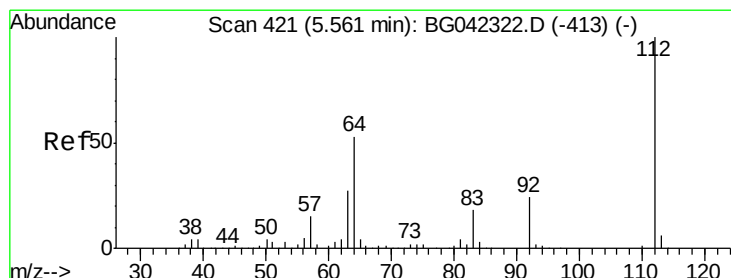
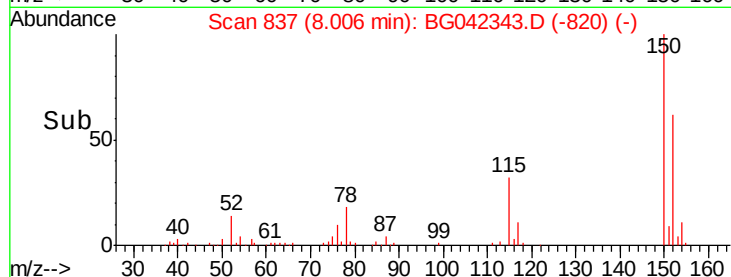
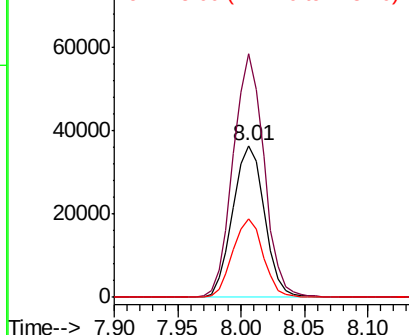


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

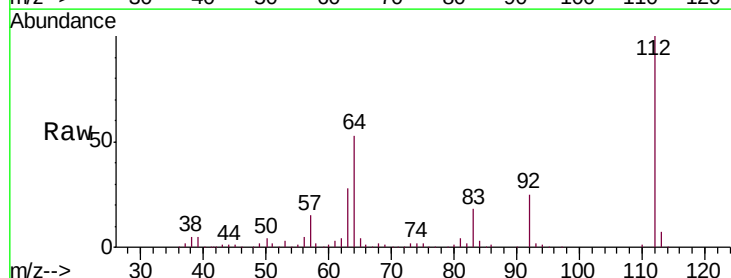
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.442 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042343.D
Acq: 20 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.5	63.7
63	27.7	21.7	32.5

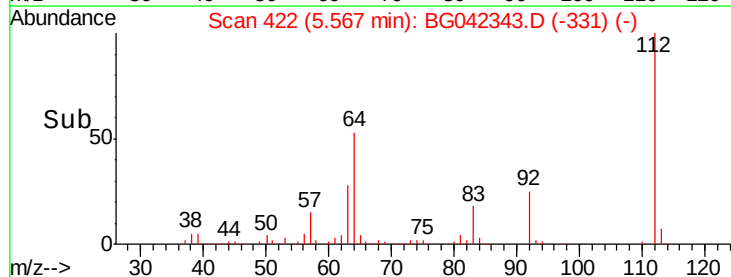
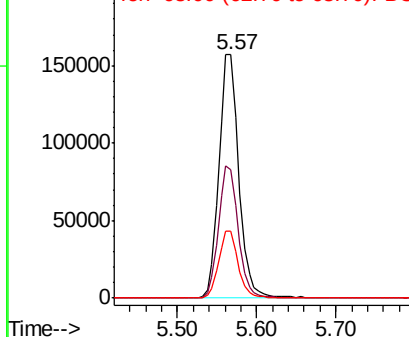


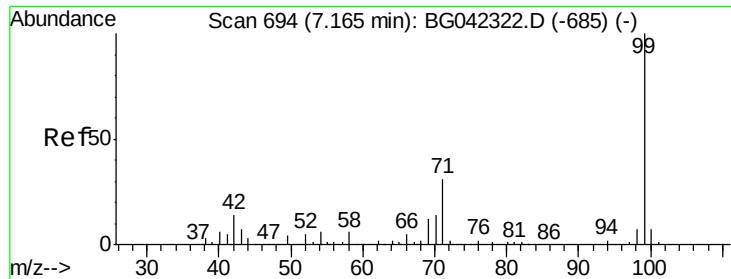
Abundance

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: 89.884 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

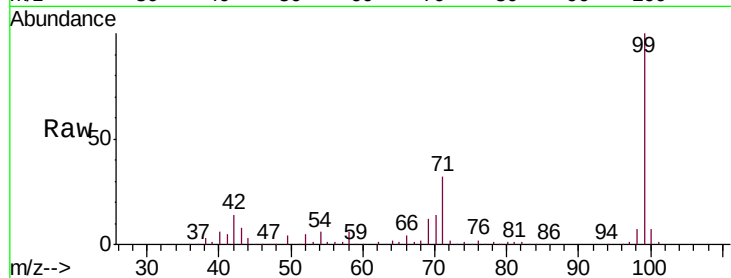
Tot Ion: 99 Resp: 379363

Ion Ratio Lower Upper

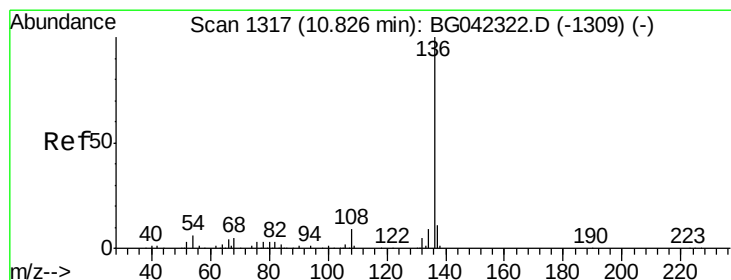
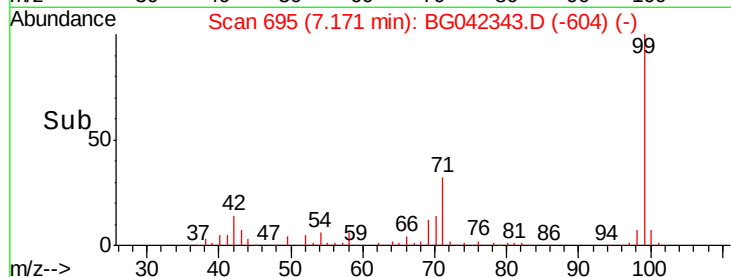
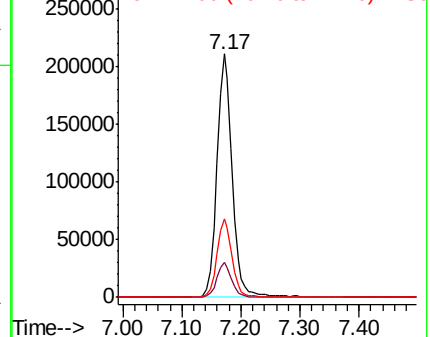
99 100

42 14.5 11.4 17.0

71 32.4 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: BG042343.D

Acq: 20 Aug 2019 1:38

Tgt Ion: 136 Resp: 247877

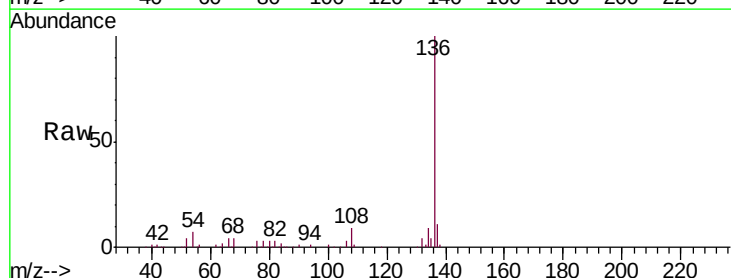
Ion Ratio Lower Upper

136 100

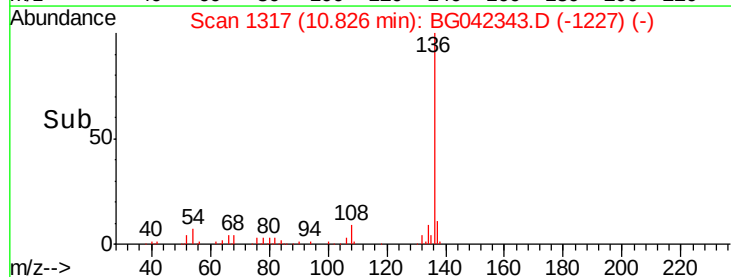
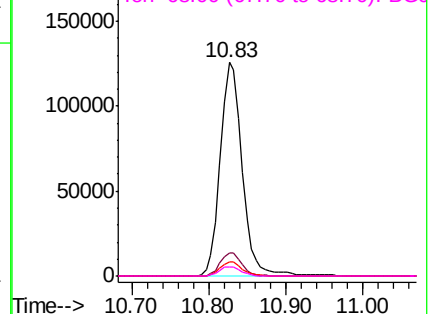
137 10.7 8.4 12.6

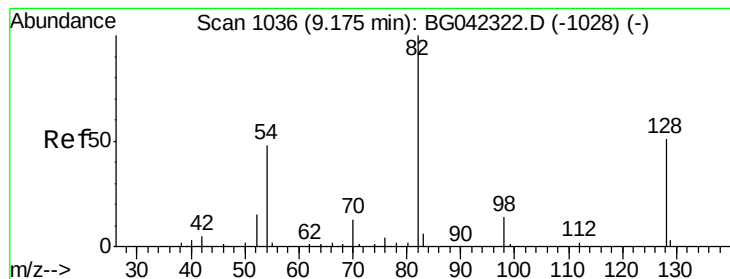
54 6.8 5.0 7.4

68 4.4 3.8 5.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 58.339 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

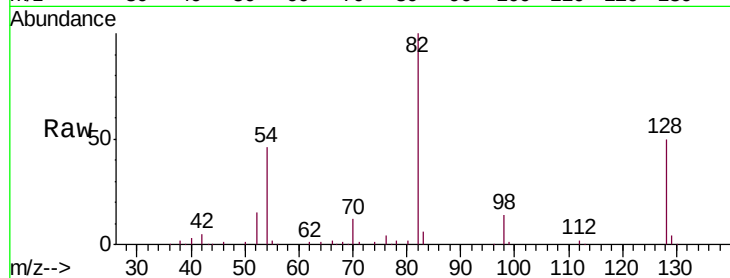
Tot Ion: 82 Resp: 205607

Ion Ratio Lower Upper

82 100

128 50.0 41.0 61.4

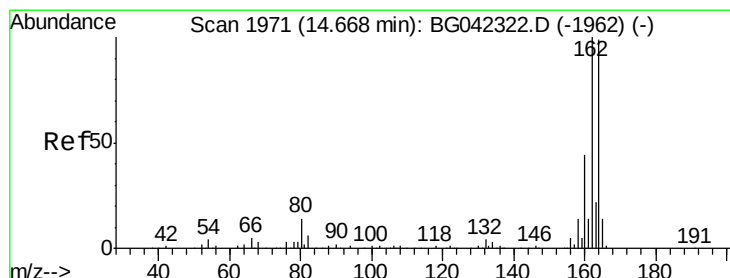
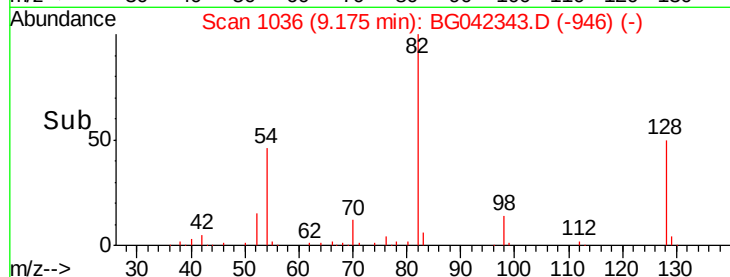
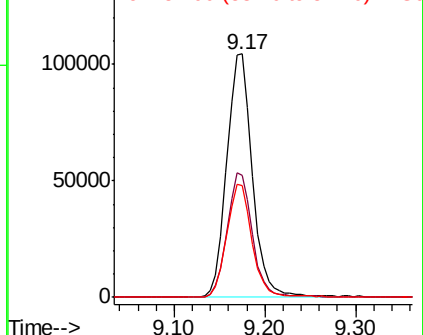
54 45.7 38.0 57.0



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: BG042343.D

Acq: 20 Aug 2019 1:38

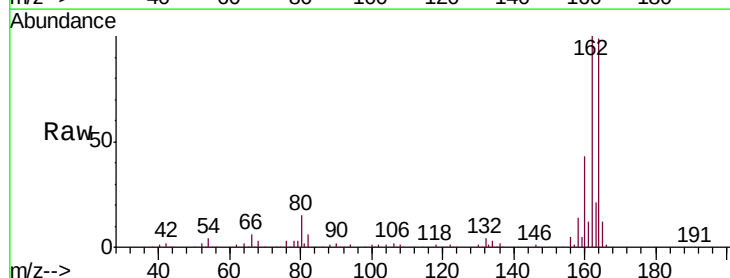
Tgt Ion:164 Resp: 180536

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

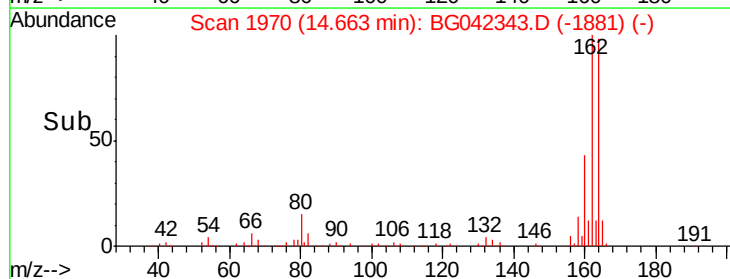
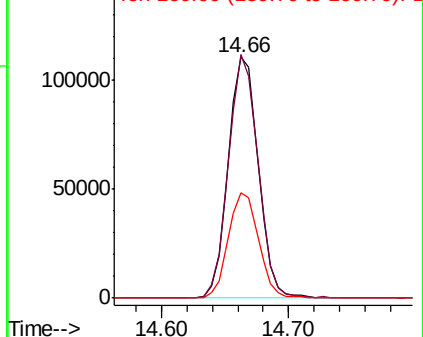
160 43.6 35.7 53.5

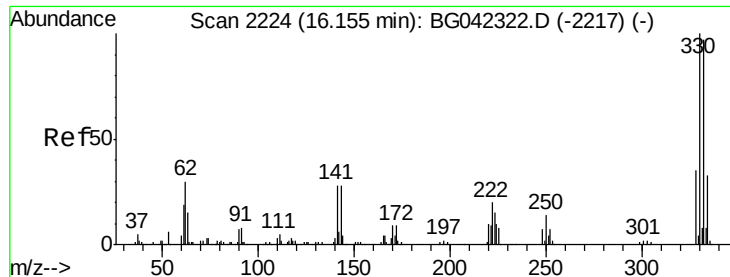


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 80.556 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

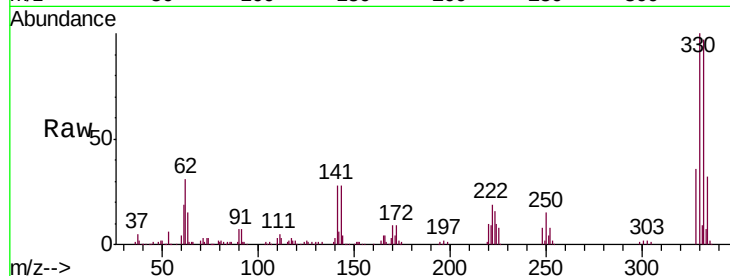
Tot Ion:330 Resp: 198077

Ion Ratio Lower Upper

330 100

332 94.6 76.9 115.3

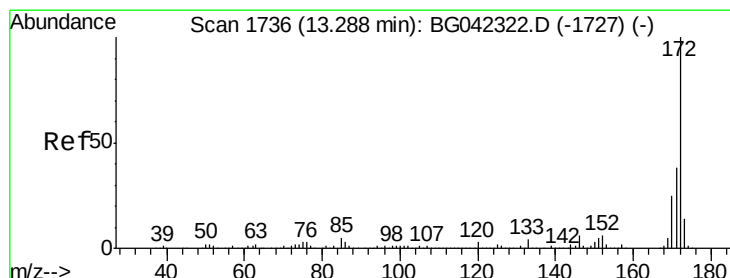
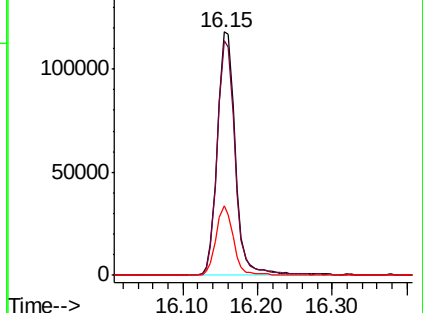
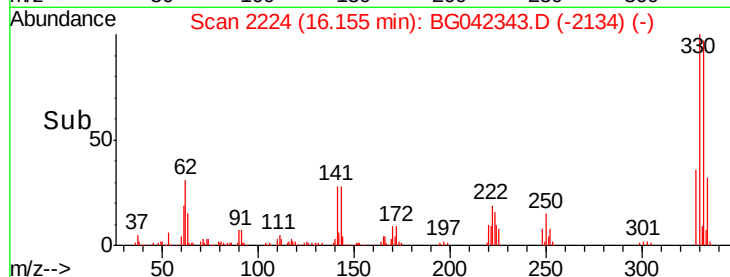
141 27.6 21.8 32.6



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: 57.163 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

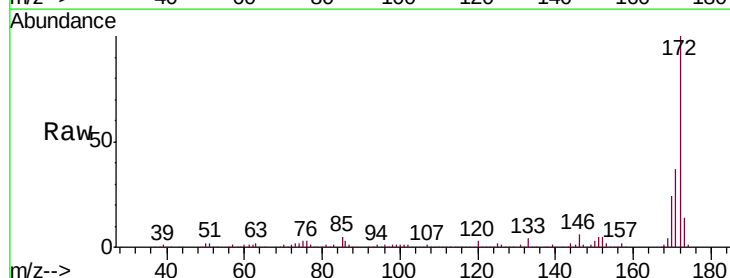
Tgt Ion:172 Resp: 609869

Ion Ratio Lower Upper

172 100

171 36.8 30.3 45.5

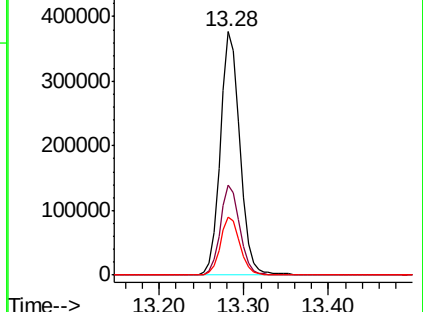
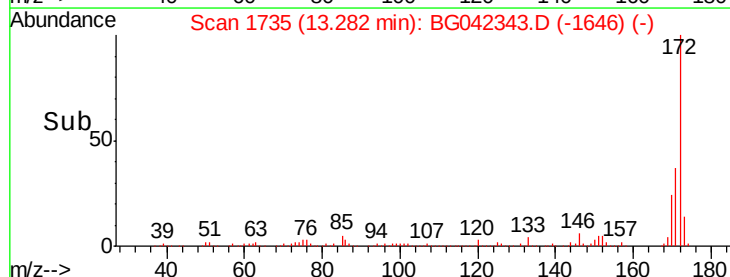
170 24.0 20.0 30.0

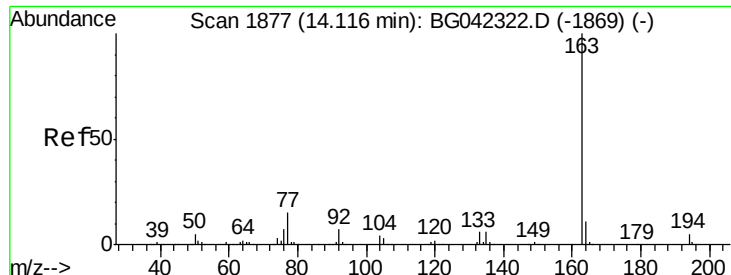


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.045 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

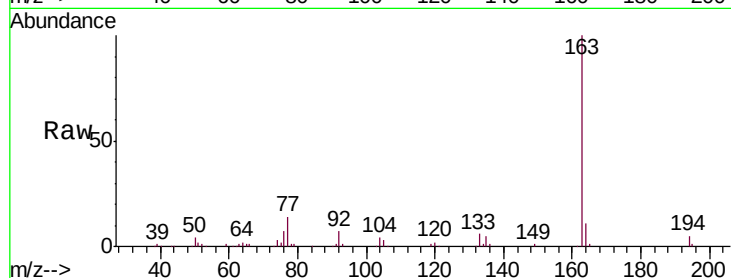
Tot Ion:163 Resp: 154513

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

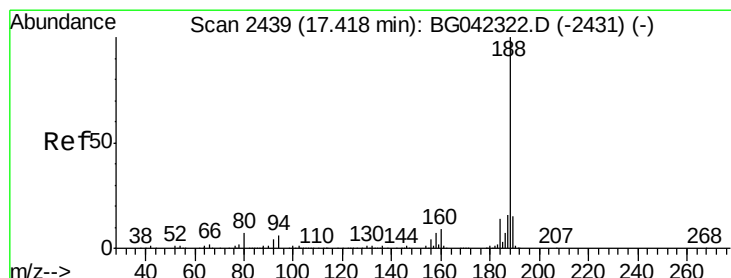
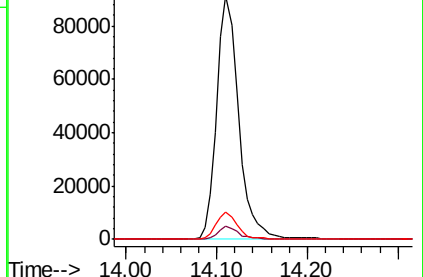
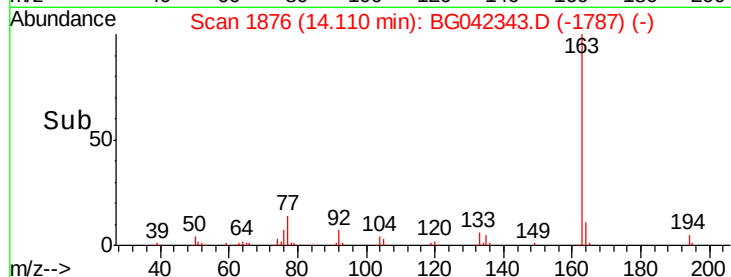
164 11.1 8.8 13.2



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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042343.D

Acq: 20 Aug 2019 1:38

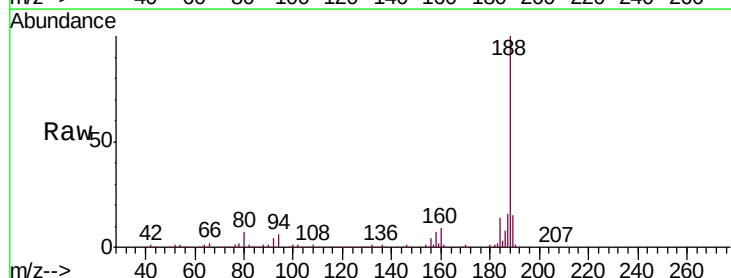
Tgt Ion:188 Resp: 407673

Ion Ratio Lower Upper

188 100

94 6.0 4.9 7.3

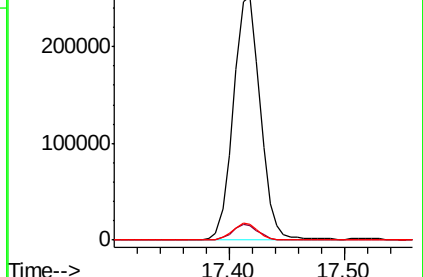
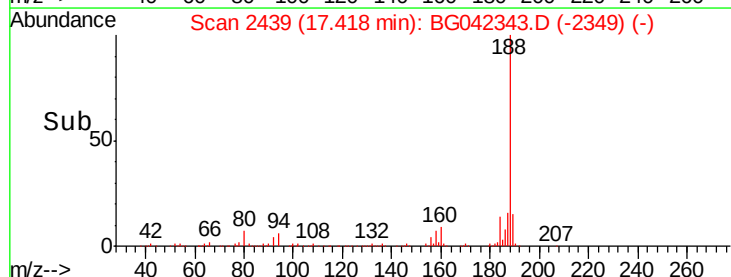
80 6.7 5.4 8.0

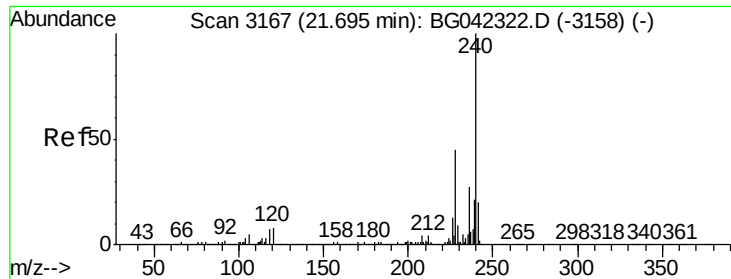


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

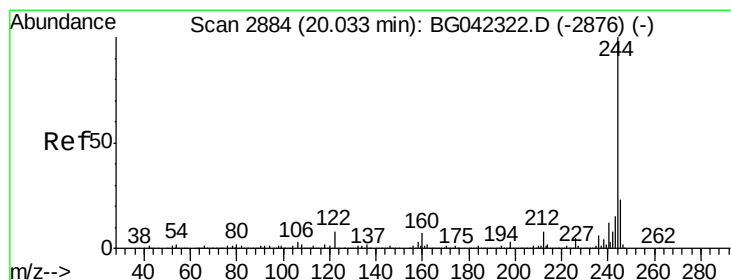
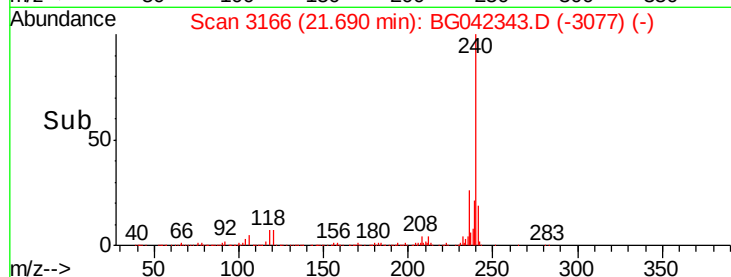
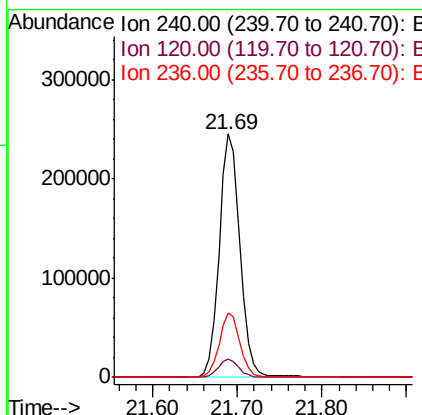
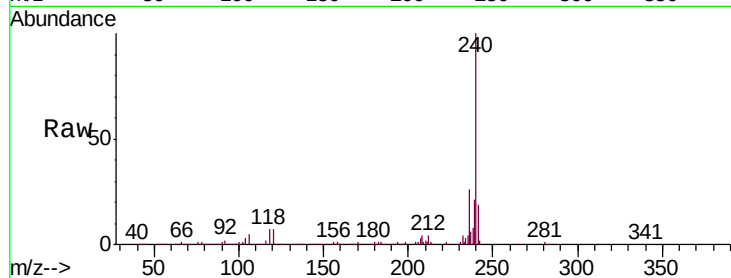




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042343.D
 Acq: 20 Aug 2019 1:38

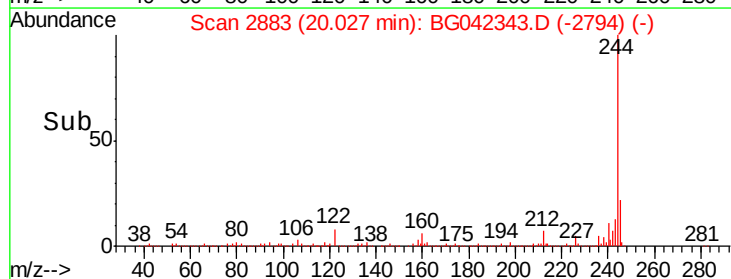
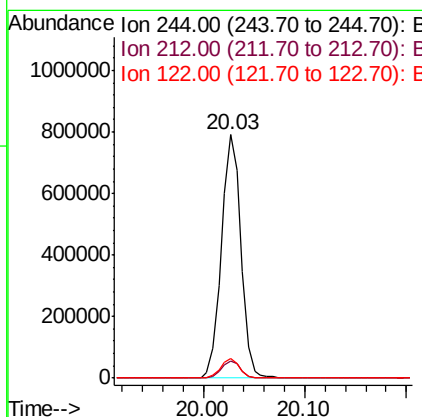
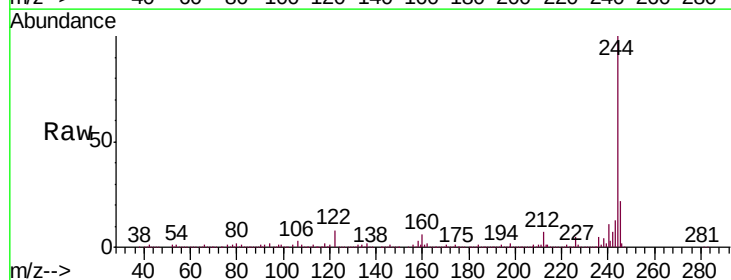
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(0-1)

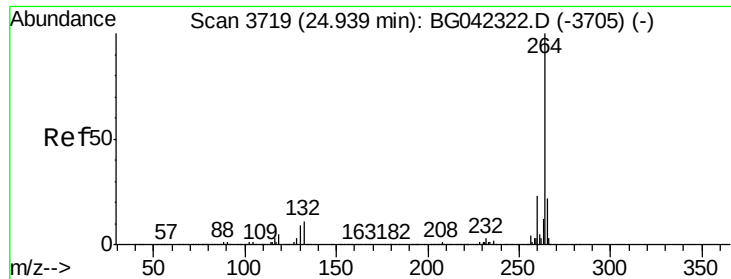
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.0	9.0
236	26.4	21.6	32.4



#79
 Terphenyl-d14
 Concen: 55.016 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG042343.D
 Acq: 20 Aug 2019 1:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	8.2	6.6	10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042343.D
Acq: 20 Aug 2019 1:38

Instrument :
BNA_G
ClientSampleId :
R1-R2(A1-A4)-(0-1)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.8	18.4	27.6	
265	21.6	17.4	26.0	

