

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042359.D
 Acq On : 20 Aug 2019 15:09
 Operator : HP/JU
 Sample : K4388-36
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T6-E1-E2-(0-2)

Quant Time: Aug 21 04:12:49 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

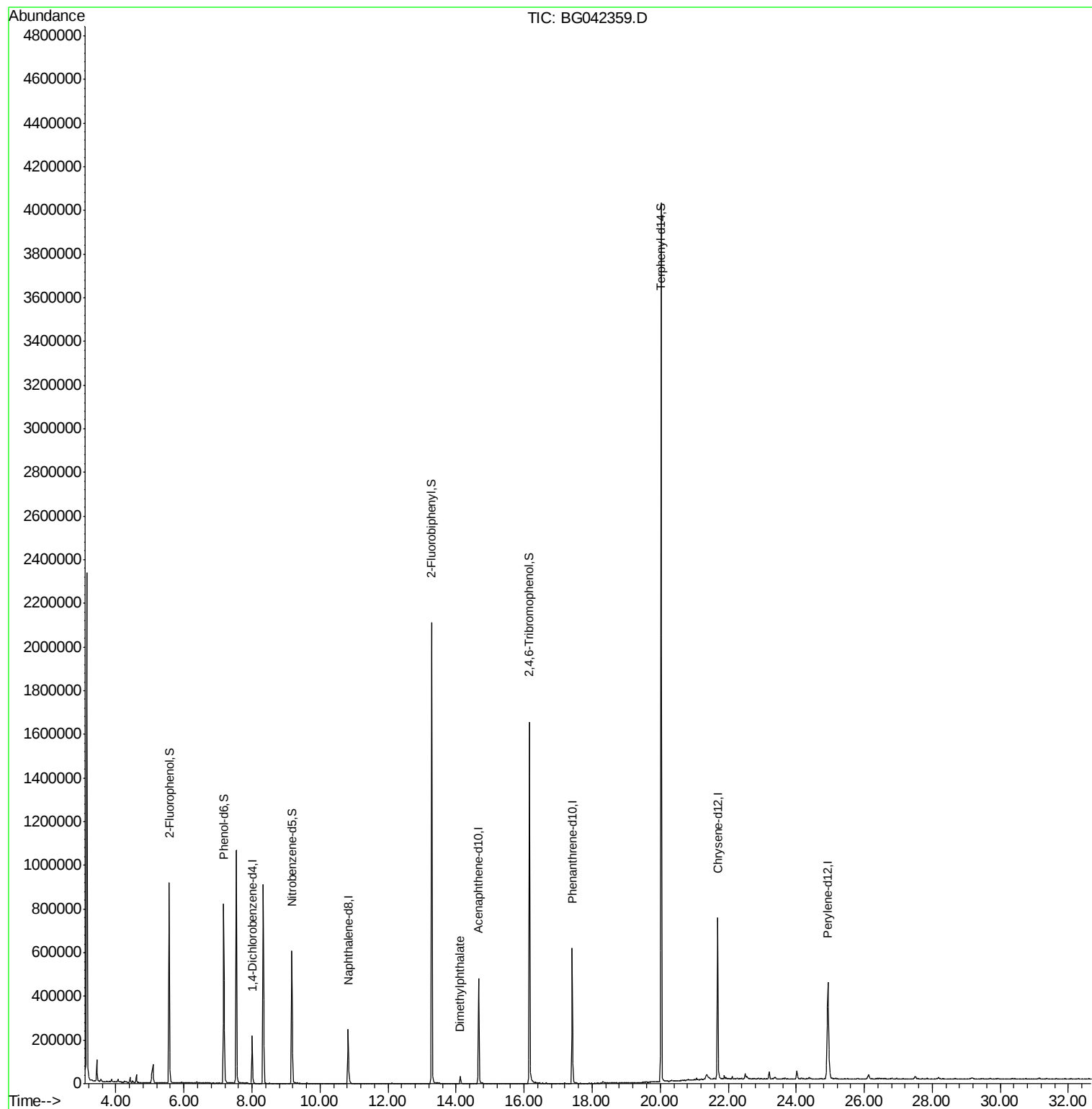
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	71716	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271123	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	193355	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	448590	20.00	ng	0.00
76) Chrysene-d12	21.69	240	467978	20.00	ng	0.00
87) Perylene-d12	24.93	264	535876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	469230	132.57	ng	0.00
7) Phenol-d6	7.17	99	567283	118.01	ng	0.00
23) Nitrobenzene-d5	9.17	82	404792	105.01	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	397036	150.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1226464	107.33	ng	0.00
79) Terphenyl-d14	20.03	244	2031681	95.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	38026	2.768	ng	Qvalue 96

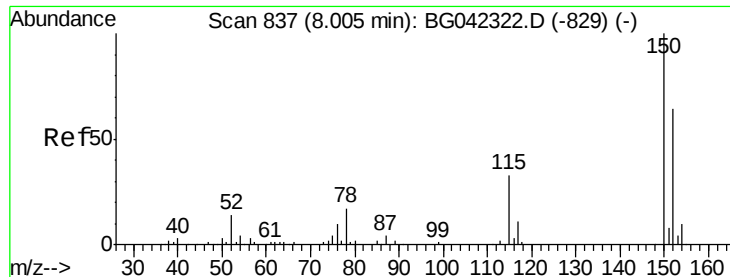
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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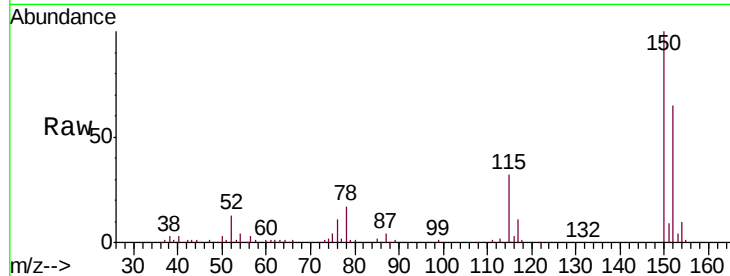


#1

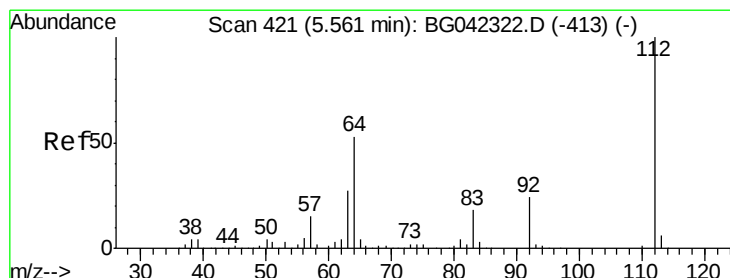
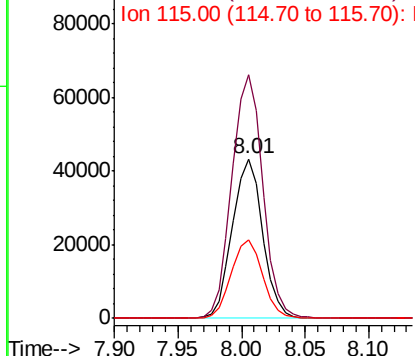
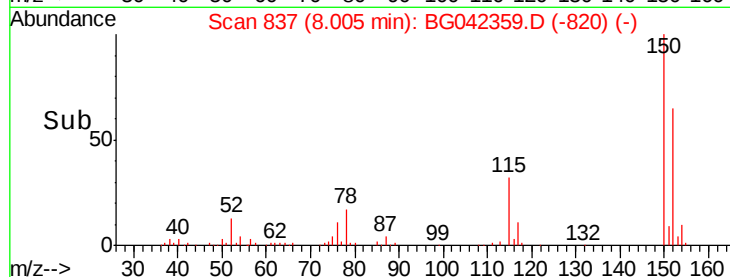
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Instrument :
 BNA_G
 ClientSampleId :
 T6-E1-E2-(0-2)

Tot Ion:152 Resp: 71716
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.3 186.5
 115 49.0 40.5 60.7



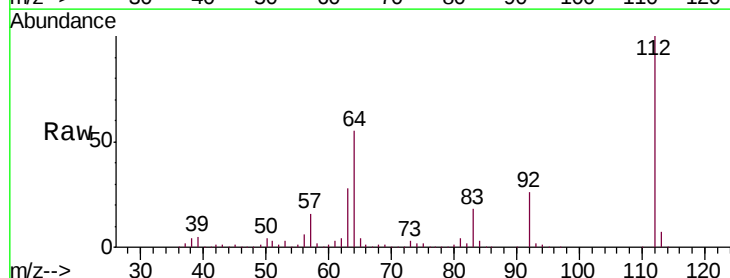
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



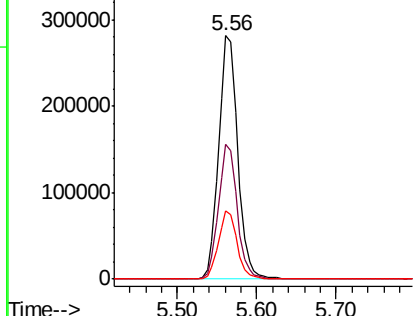
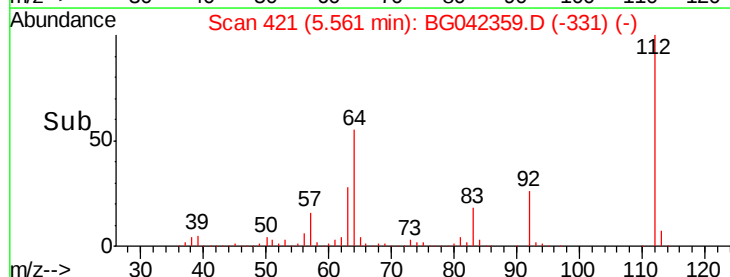
#5

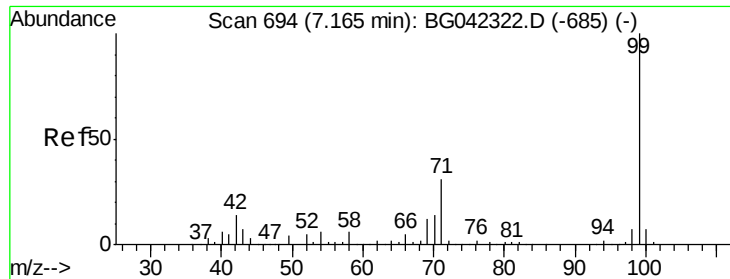
2-Fluorophenol
 Concen: 132.565 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Tgt Ion:112 Resp: 469230
 Ion Ratio Lower Upper
 112 100
 64 55.2 42.5 63.7
 63 28.1 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: 118.006 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042359.D

Acq: 20 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

T6-E1-E2-(0-2)

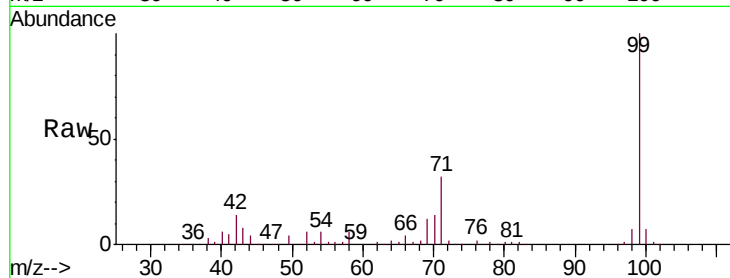
Tot Ion: 99 Resp: 567283

Ion Ratio Lower Upper

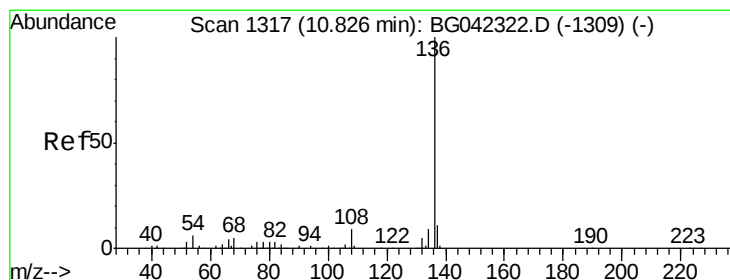
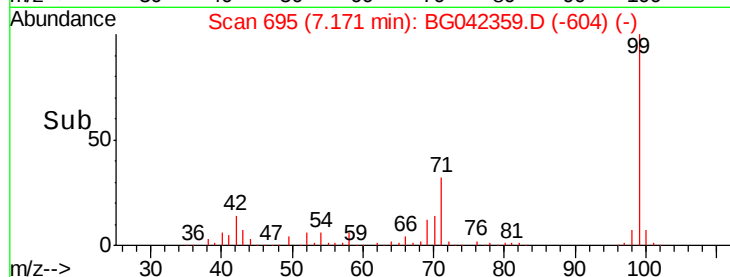
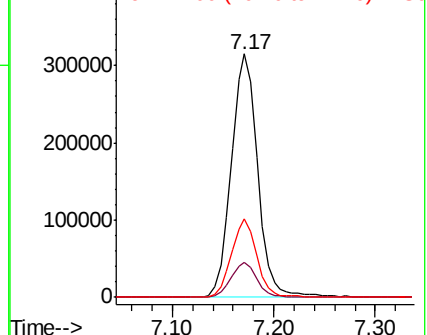
99 100

42 14.5 11.4 17.0

71 32.2 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: BG042359.D

Acq: 20 Aug 2019 15:09

Tgt Ion: 136 Resp: 271123

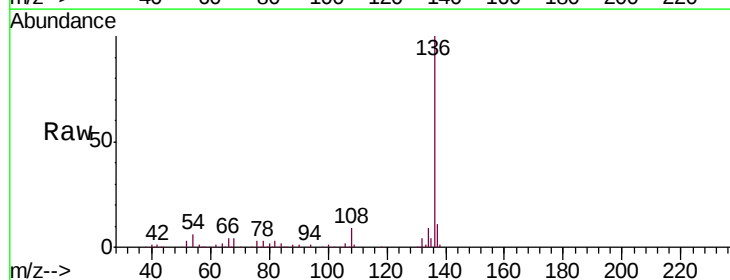
Ion Ratio Lower Upper

136 100

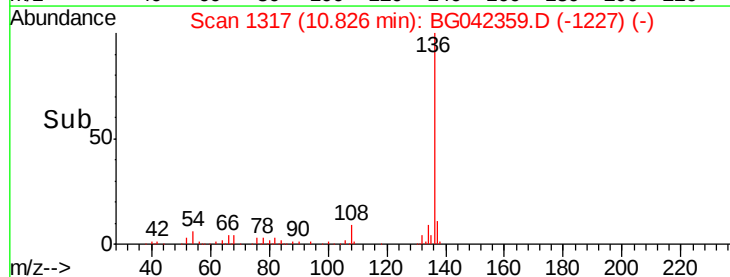
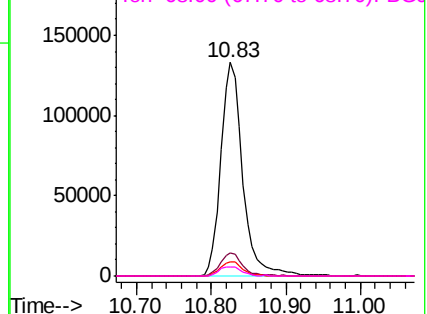
137 11.0 8.4 12.6

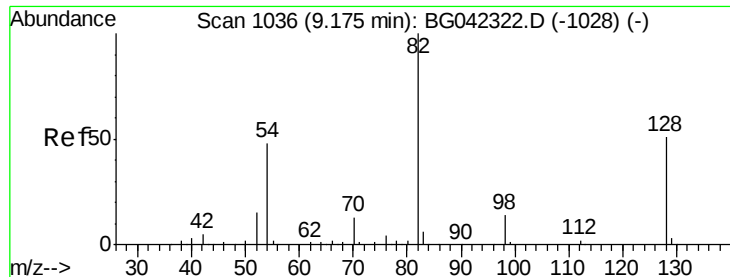
54 6.4 5.0 7.4

68 4.0 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

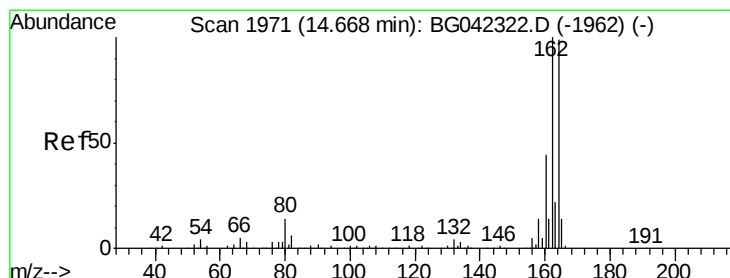
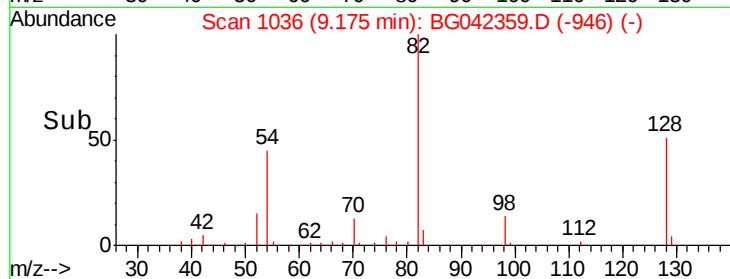
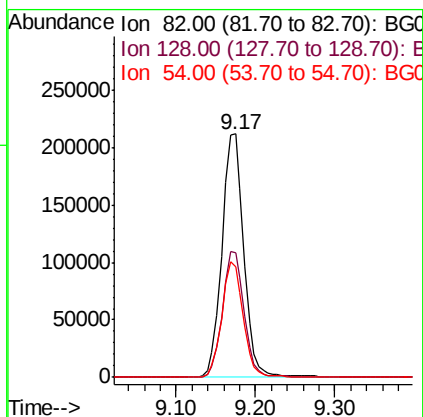
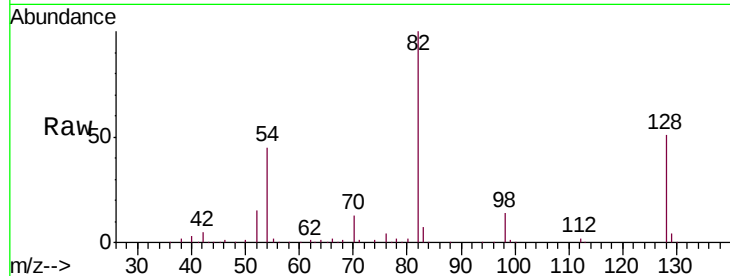




#23
 Nitrobenzene-d5
 Concen: 105.008 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

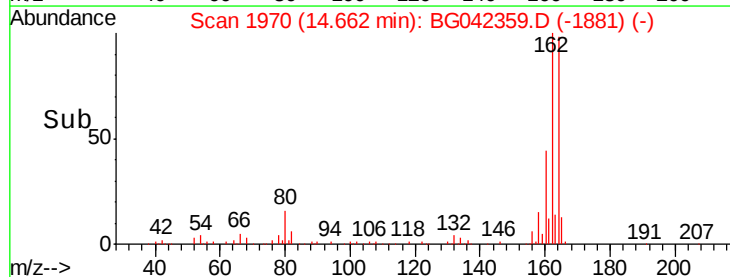
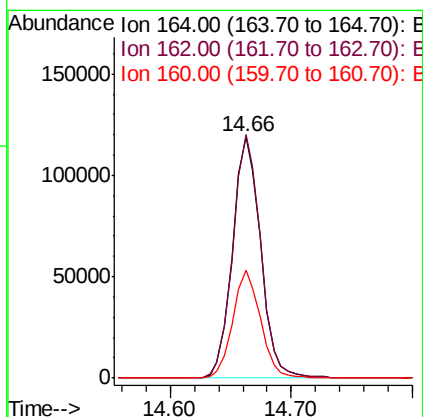
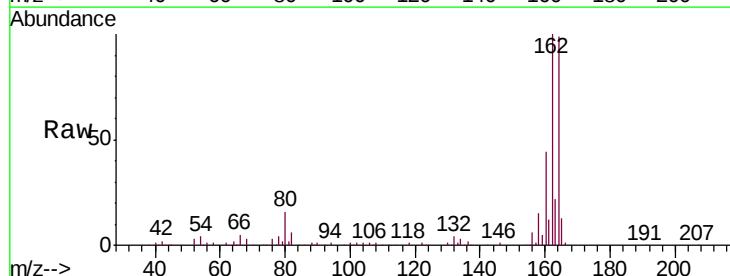
Instrument :
 BNA_G
 ClientSampleId :
 T6-E1-E2-(0-2)

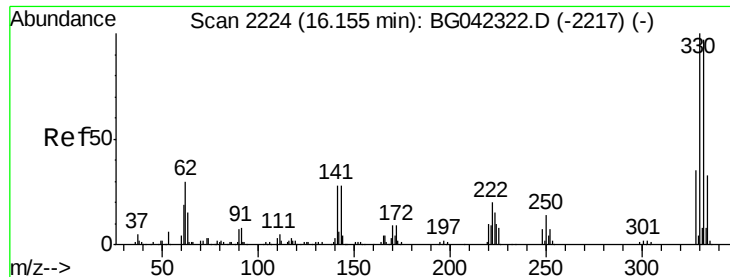
Tot Ion	82	Resp	404792
Ion Ratio	100		
Lower	41.0		
Upper	61.4		
54	45.2		57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Tgt Ion	164	Resp	193355
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	101.0		53.5
160	44.9		





#42

2,4,6-Tribromophenol

Concen: 150.766 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042359.D

Acq: 20 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

T6-E1-E2-(0-2)

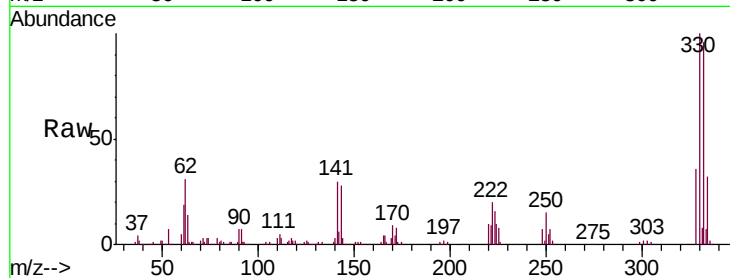
Tot Ion:330 Resp: 397036

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

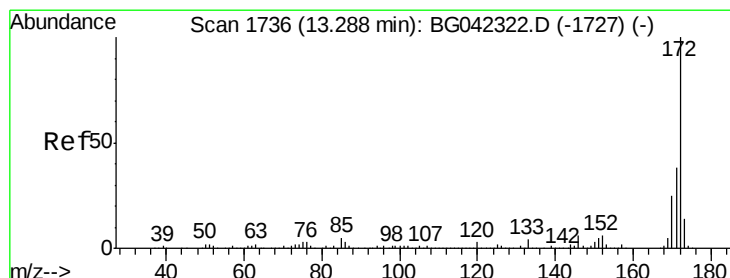
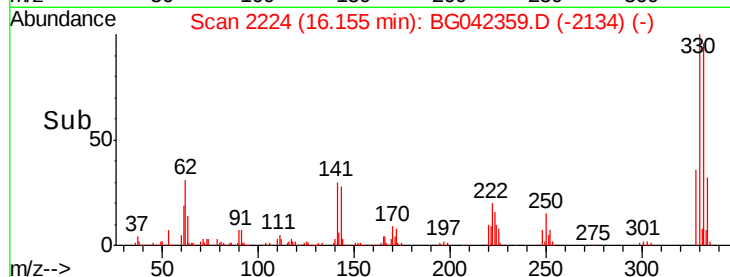
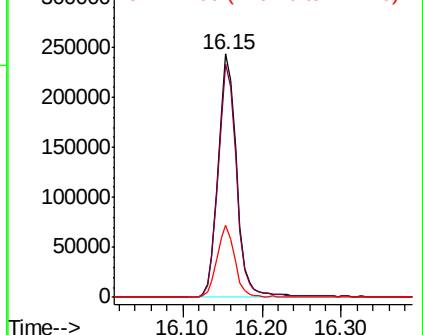
141 28.6 21.8 32.6



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: 107.335 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042359.D

Acq: 20 Aug 2019 15:09

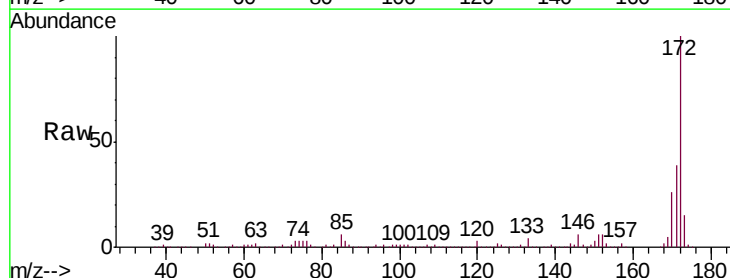
Tgt Ion:172 Resp: 1226464

Ion Ratio Lower Upper

172 100

171 38.9 30.3 45.5

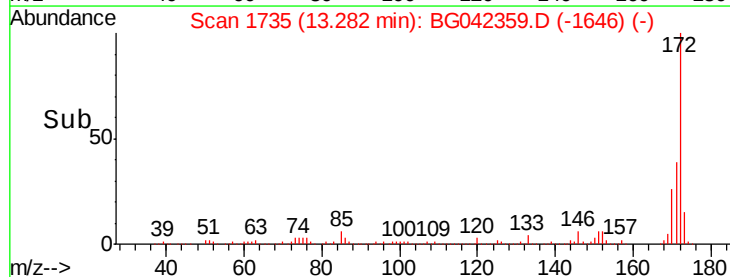
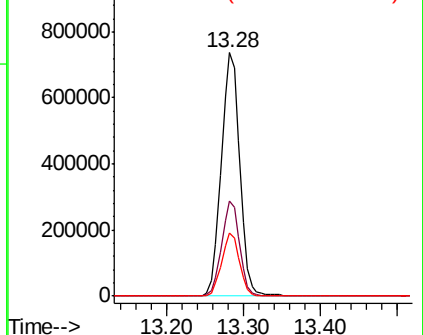
170 25.8 20.0 30.0

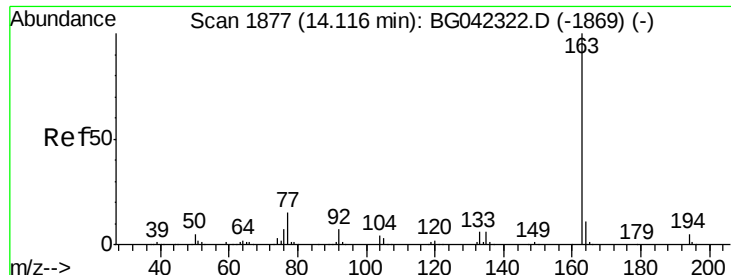


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.768 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042359.D

Acq: 20 Aug 2019 15:09

Instrument :

BNA_G

ClientSampleId :

T6-E1-E2-(0-2)

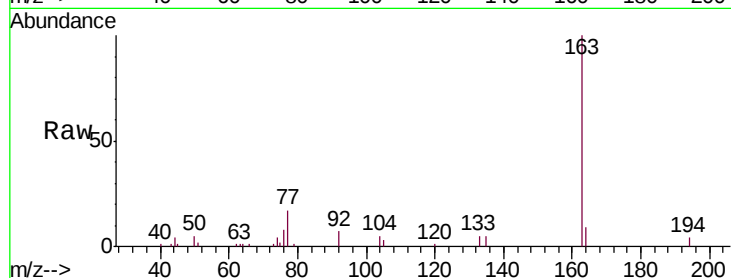
Tot Ion:163 Resp: 38026

Ion Ratio Lower Upper

163 100

194 4.2 4.2 6.2

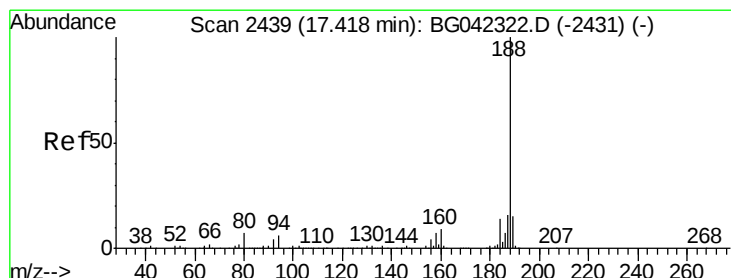
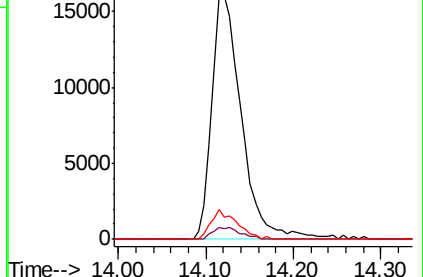
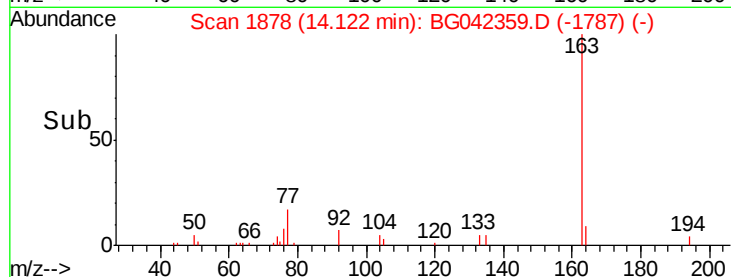
164 9.2 8.8 13.2



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: BG042359.D

Acq: 20 Aug 2019 15:09

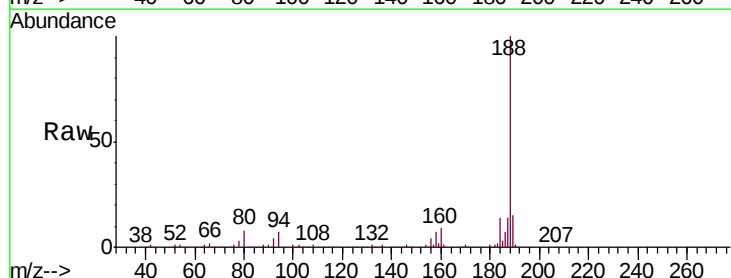
Tgt Ion:188 Resp: 448590

Ion Ratio Lower Upper

188 100

94 6.7 4.9 7.3

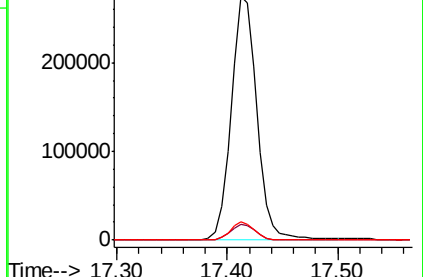
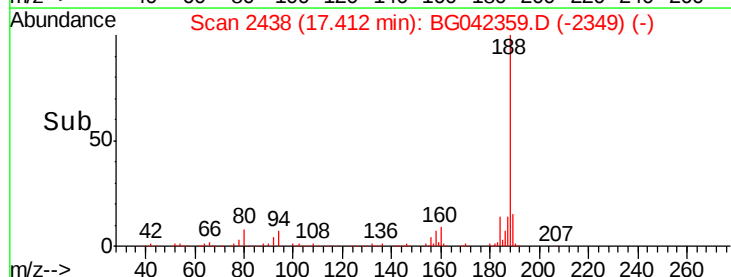
80 7.6 5.4 8.0

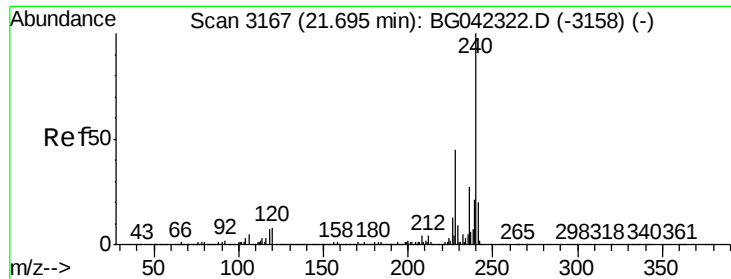


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

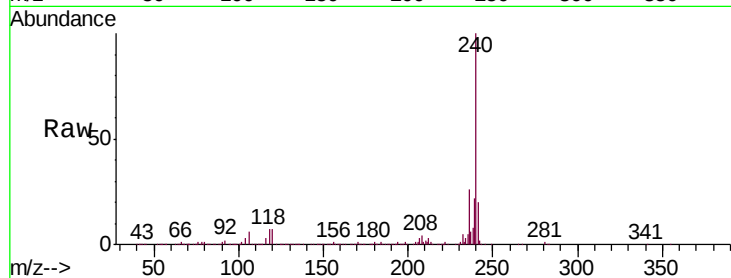




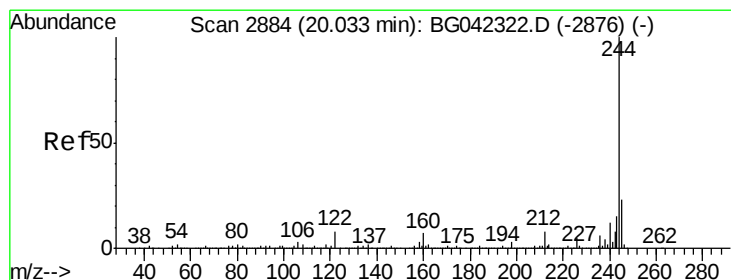
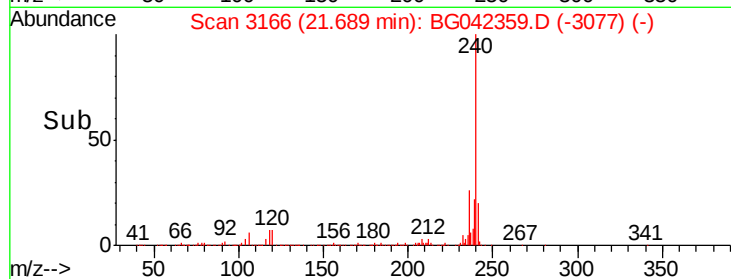
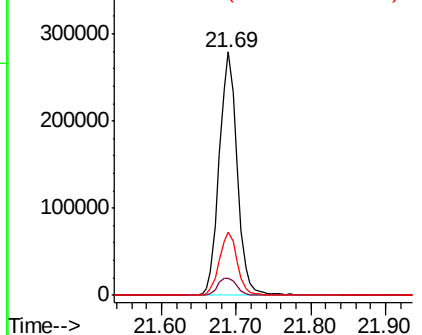
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Instrument :
 BNA_G
 ClientSampleId :
 T6-E1-E2-(0-2)

Tot Ion:240 Resp: 467978
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.0 9.0
 236 26.1 21.6 32.4

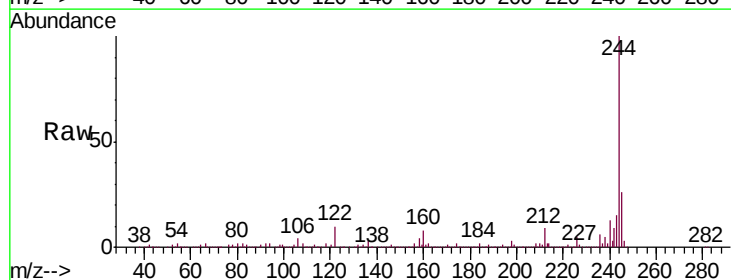


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

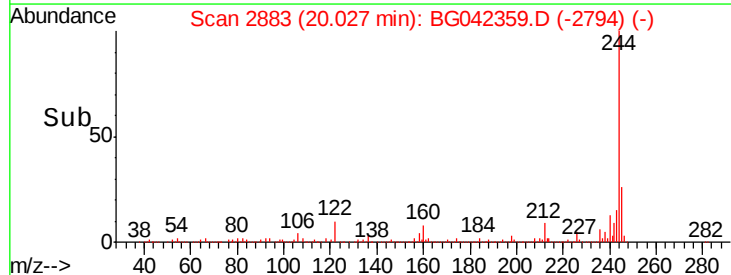
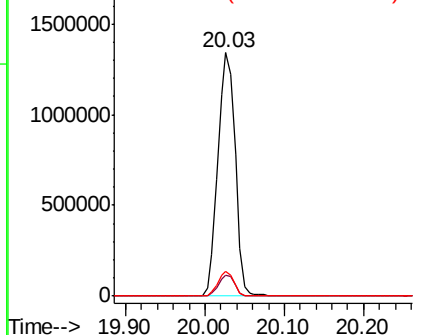


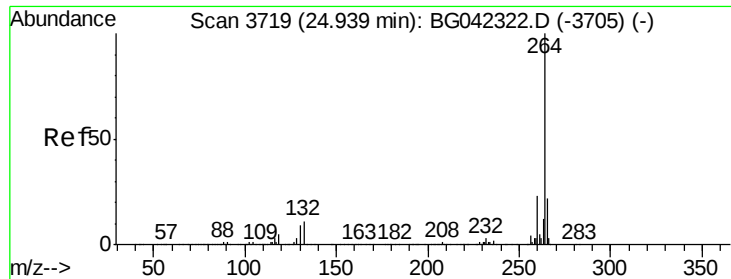
#79
 Terphenyl-d14
 Concen: 95.089 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Tgt Ion:244 Resp: 2031681
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.4 9.6
 122 10.4 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# 3717
 Delta R.T. -0.01 min
 Lab File: BG042359.D
 Acq: 20 Aug 2019 15:09

Instrument :
 BNA_G
 ClientSampleId :
 T6-E1-E2-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.3	17.4	26.0

