

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042352.D
 Acq On : 20 Aug 2019 10:40
 Operator : HP/JU
 Sample : K4385-36
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-D-(0-2)

Quant Time: Aug 21 03:55:10 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

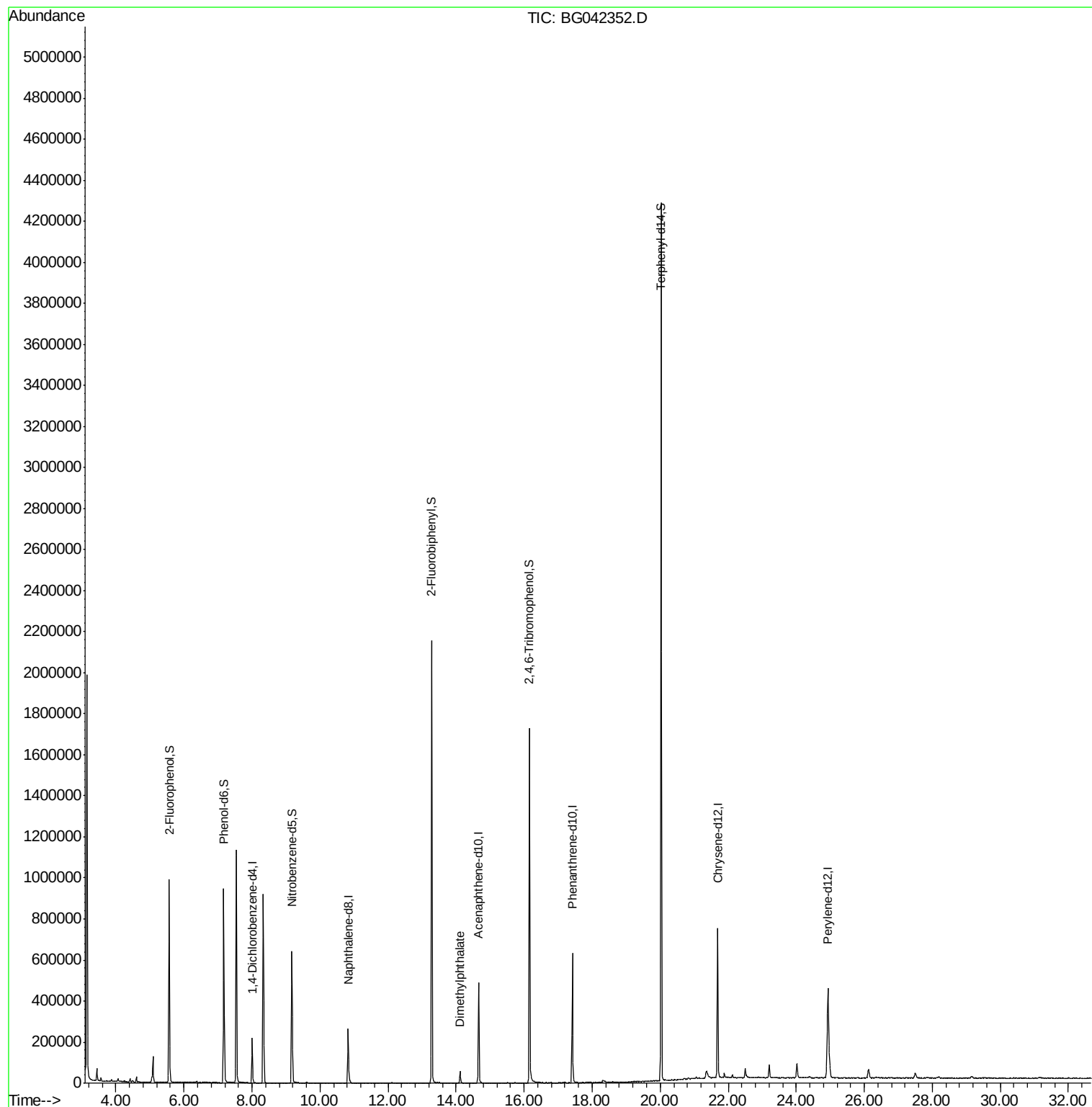
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	72675	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280088	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	196992	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	449733	20.00	ng	0.00
76) Chrysene-d12	21.69	240	465435	20.00	ng	0.00
87) Perylene-d12	24.93	264	537553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	508838	141.86	ng	0.00
7) Phenol-d6	7.17	99	641151	131.61	ng	0.00
23) Nitrobenzene-d5	9.17	82	427271	107.29	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	418248	155.89	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1240834	106.59	ng	0.00
79) Terphenyl-d14	20.03	244	2068553	97.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	61674	4.406	ng	Qvalue 99

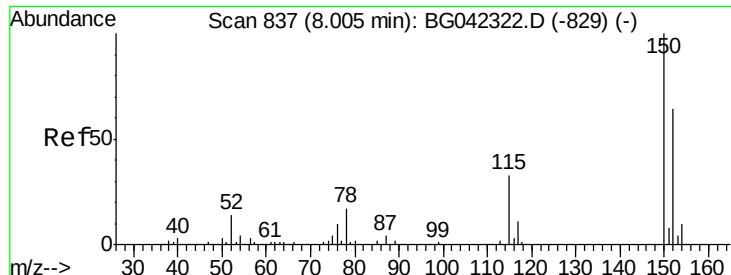
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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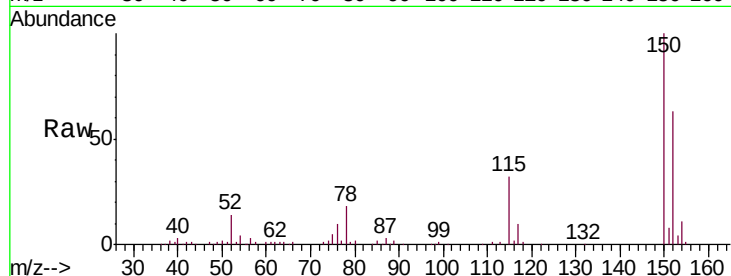


#1

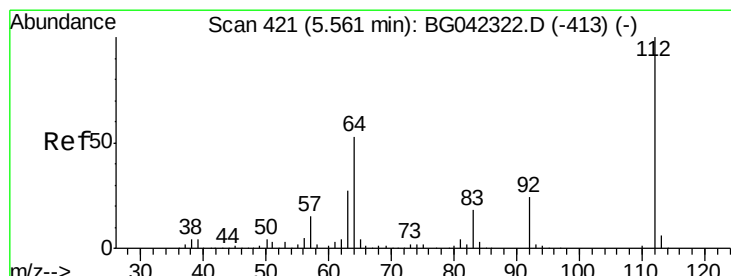
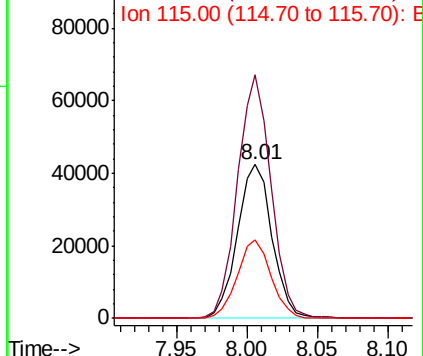
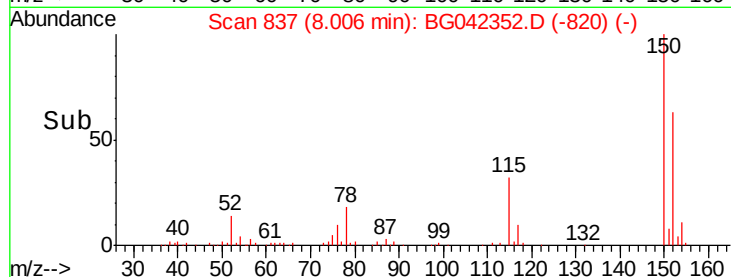
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042352.D
Acq: 20 Aug 2019 10:40

Instrument :
BNA_G
ClientSampleId :
T8-D-(0-2)

Tot Ion:152 Resp: 72675
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 50.9 40.5 60.7



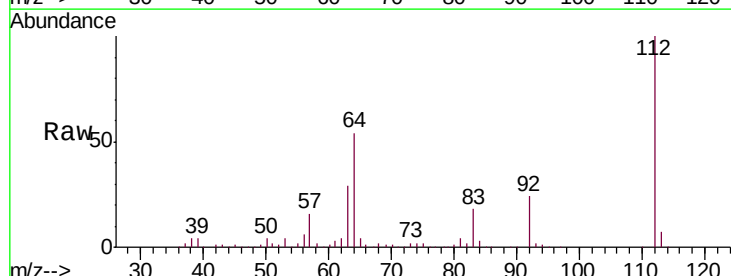
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



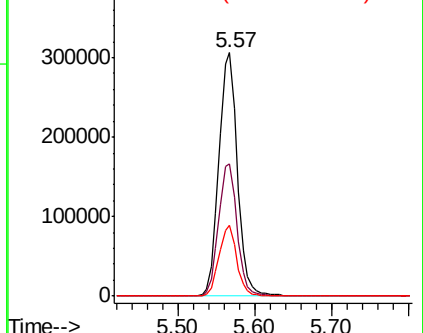
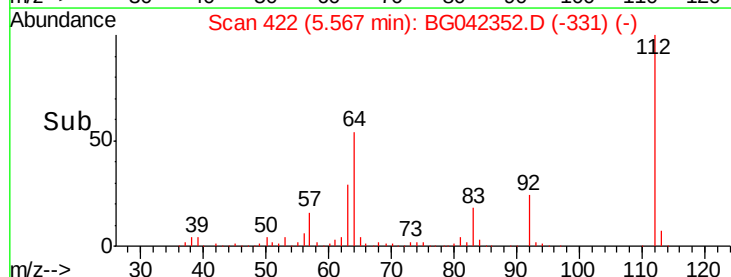
#5

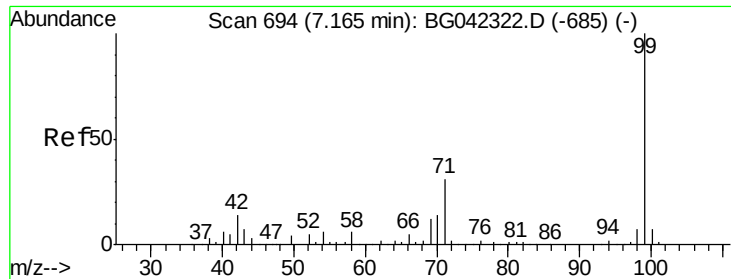
2-Fluorophenol
Concen: 141.858 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042352.D
Acq: 20 Aug 2019 10:40

Tgt Ion:112 Resp: 508838
Ion Ratio Lower Upper
112 100
64 54.4 42.5 63.7
63 28.9 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: 131.612 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042352.D

Acq: 20 Aug 2019 10:40

Instrument :

BNA_G

ClientSampleId :

T8-D-(0-2)

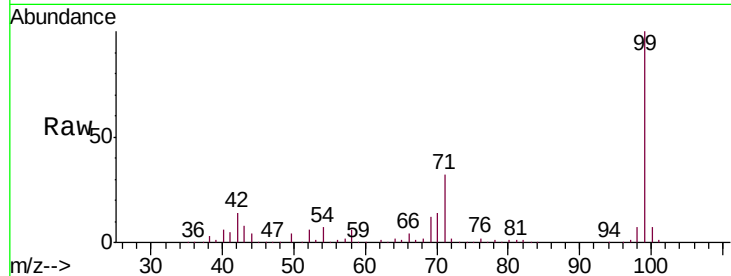
Tot Ion: 99 Resp: 641151

Ion Ratio Lower Upper

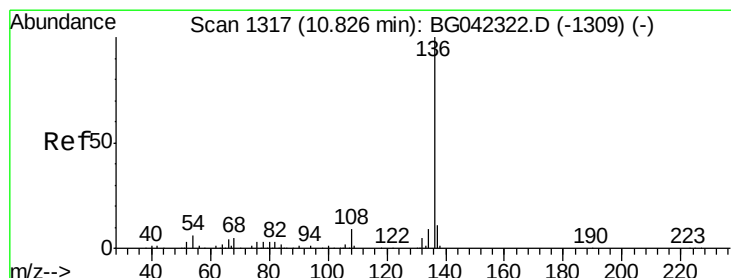
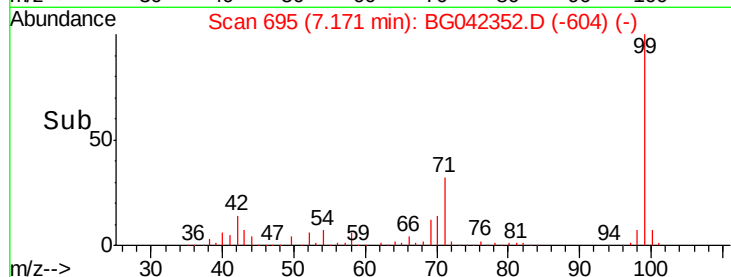
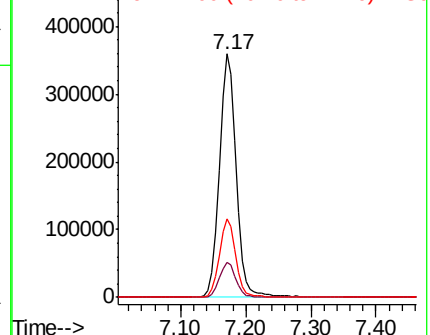
99 100

42 14.3 11.4 17.0

71 32.3 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: BG042352.D

Acq: 20 Aug 2019 10:40

Tgt Ion: 136 Resp: 280088

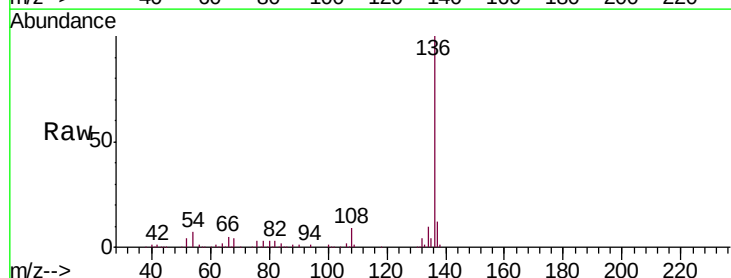
Ion Ratio Lower Upper

136 100

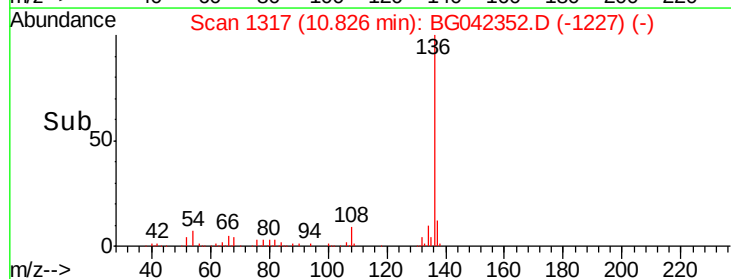
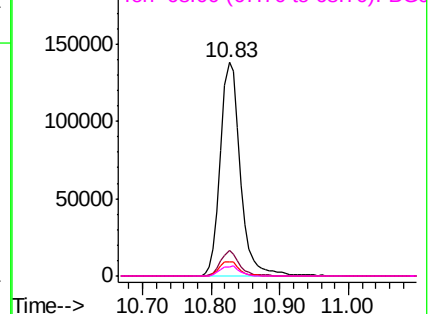
137 12.2 8.4 12.6

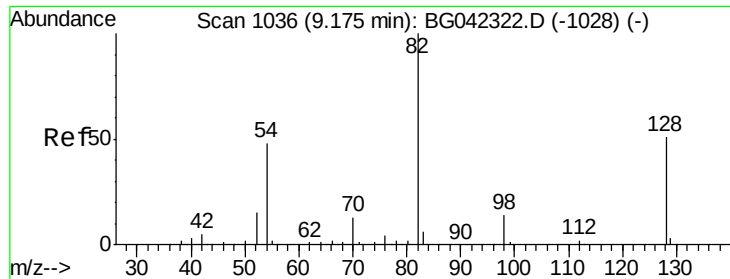
54 6.9 5.0 7.4

68 4.4 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

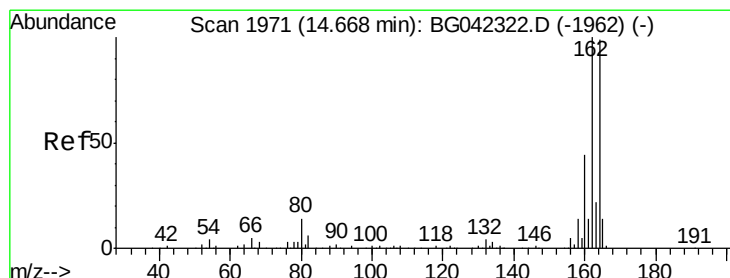
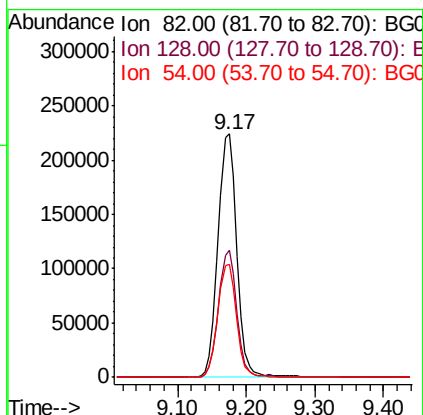
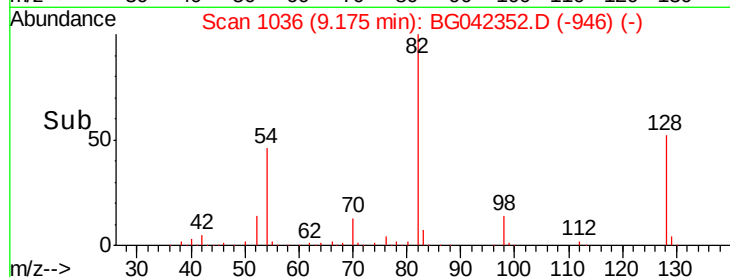
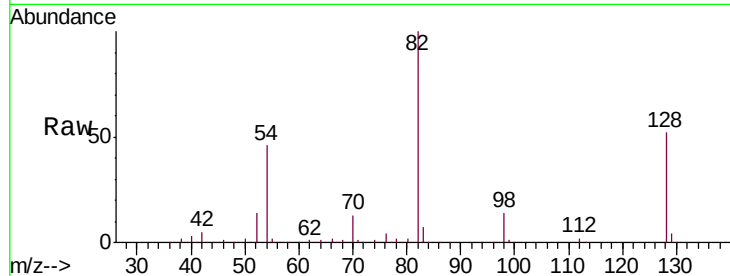




#23
 Nitrobenzene-d5
 Concen: 107.292 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042352.D
 Acq: 20 Aug 2019 10:40

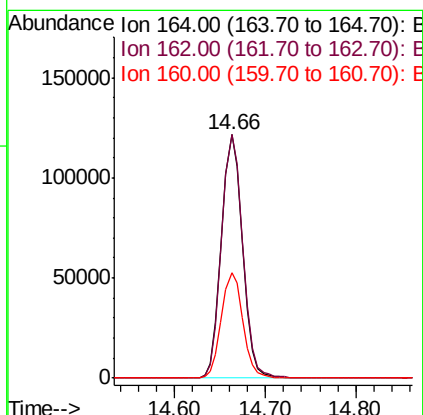
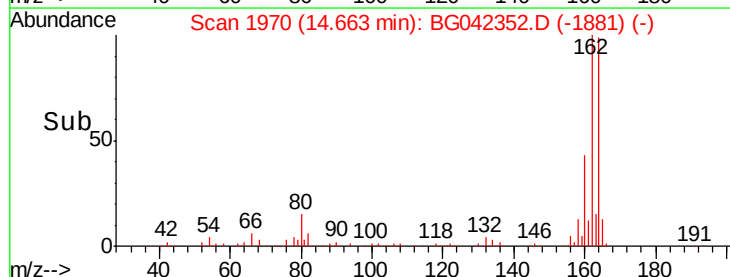
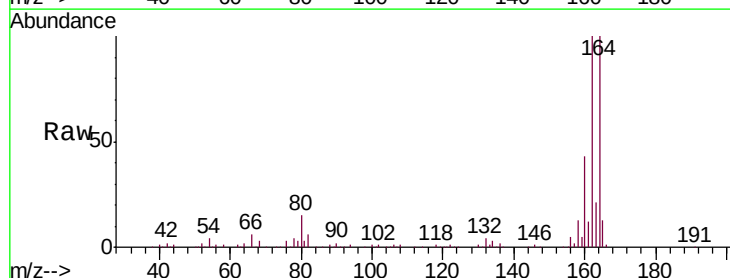
Instrument :
 BNA_G
 ClientSampleId :
 T8-D-(0-2)

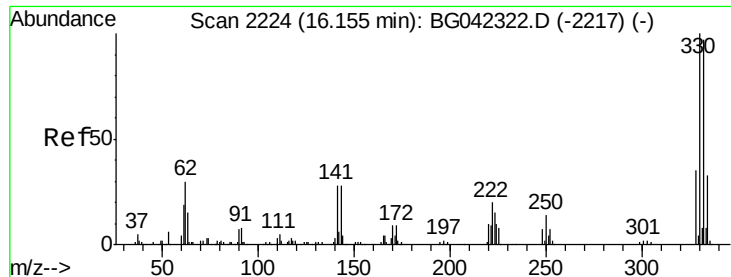
Tot Ion: 82 Resp: 427271
 Ion Ratio Lower Upper
 82 100
 128 52.4 41.0 61.4
 54 46.2 38.0 57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042352.D
 Acq: 20 Aug 2019 10:40

Tgt Ion: 164 Resp: 196992
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 120.8
 160 43.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 155.889 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042352.D

Acq: 20 Aug 2019 10:40

Instrument :

BNA_G

ClientSampleId :

T8-D-(0-2)

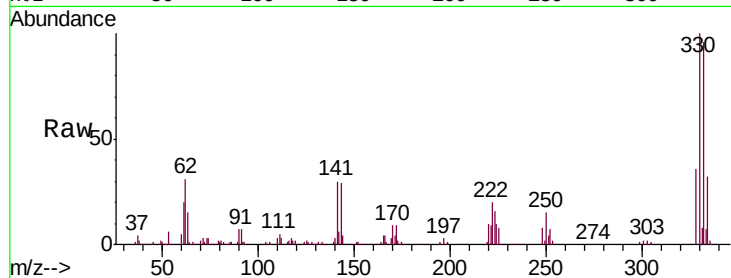
Tot Ion:330 Resp: 418248

Ion Ratio Lower Upper

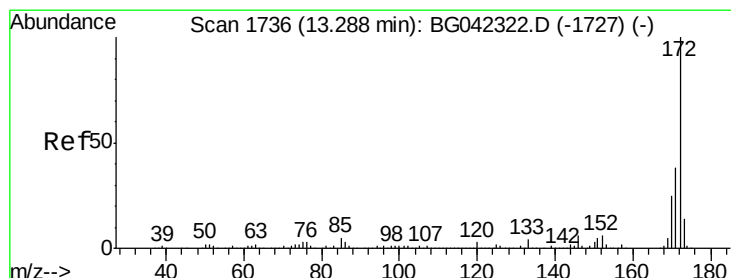
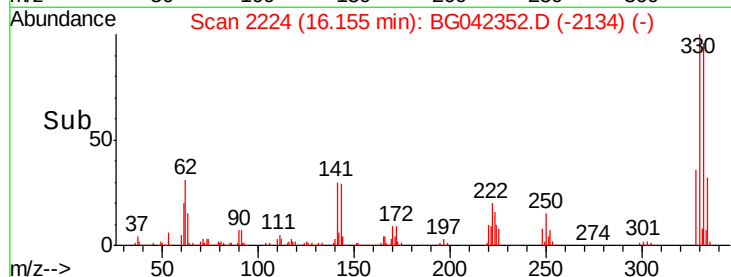
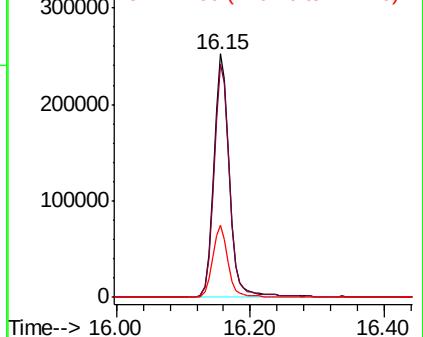
330 100

332 96.5 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: 106.587 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042352.D

Acq: 20 Aug 2019 10:40

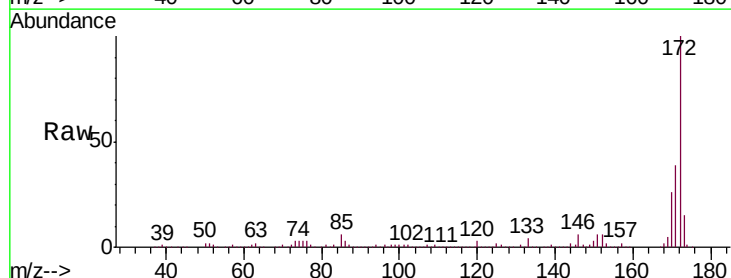
Tgt Ion:172 Resp: 1240834

Ion Ratio Lower Upper

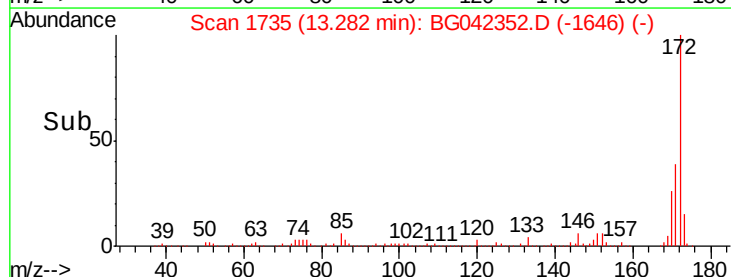
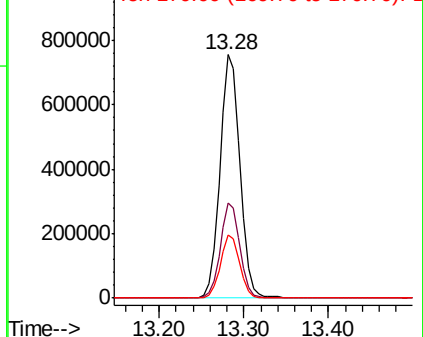
172 100

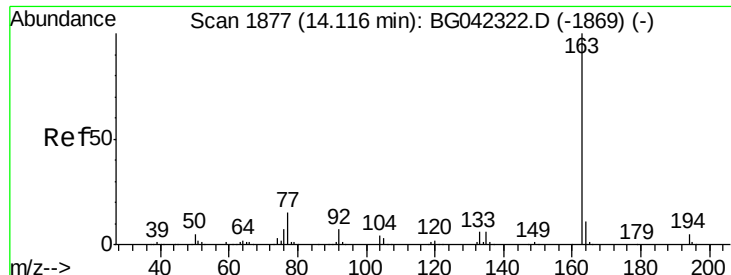
171 39.1 30.3 45.5

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: 4.406 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042352.D

Acq: 20 Aug 2019 10:40

Instrument :

BNA_G

ClientSampleId :

T8-D-(0-2)

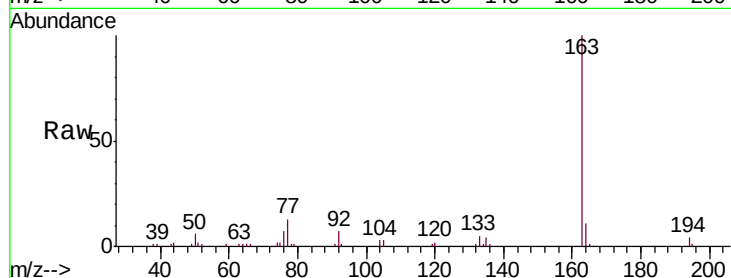
Tot Ion:163 Resp: 61674

Ion Ratio Lower Upper

163 100

194 4.5 4.2 6.2

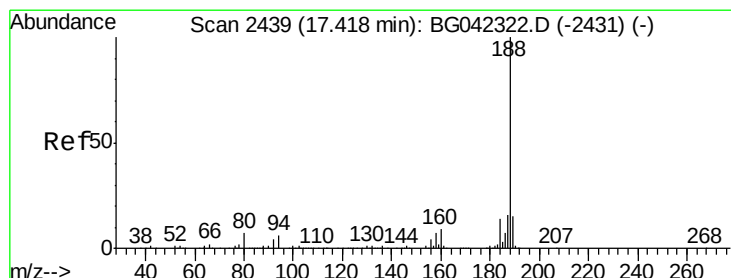
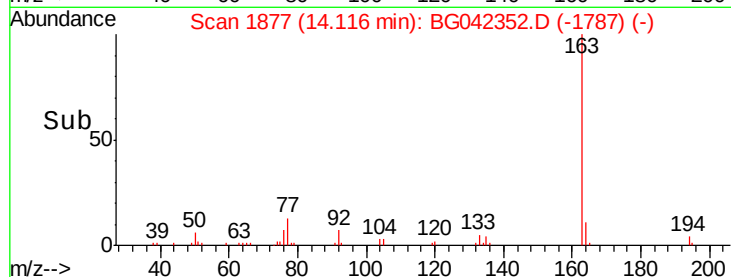
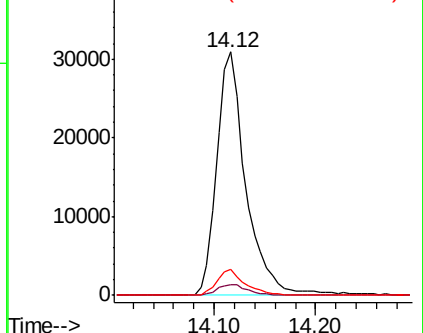
164 10.9 8.8 13.2



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: BG042352.D

Acq: 20 Aug 2019 10:40

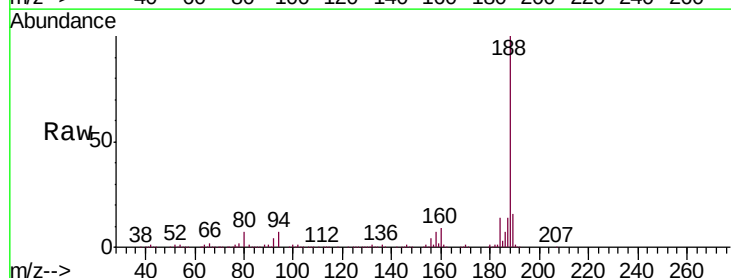
Tgt Ion:188 Resp: 449733

Ion Ratio Lower Upper

188 100

94 7.2 4.9 7.3

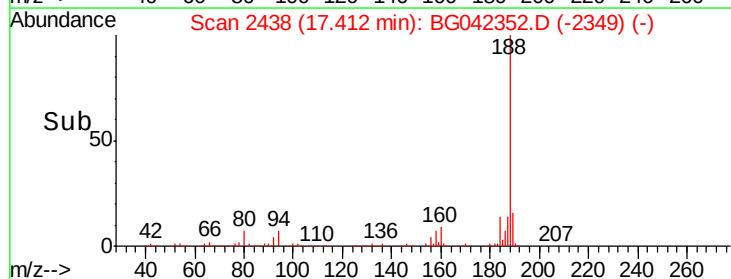
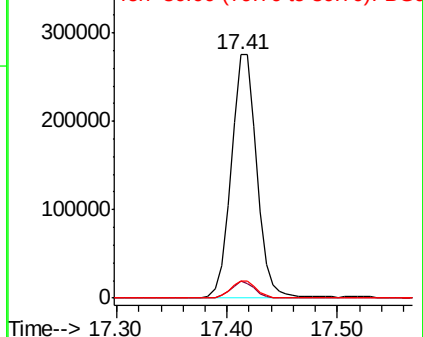
80 7.0 5.4 8.0

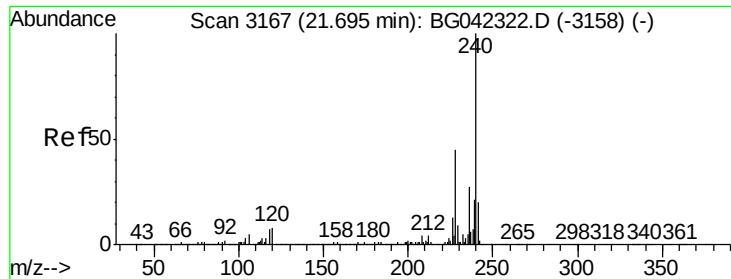


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

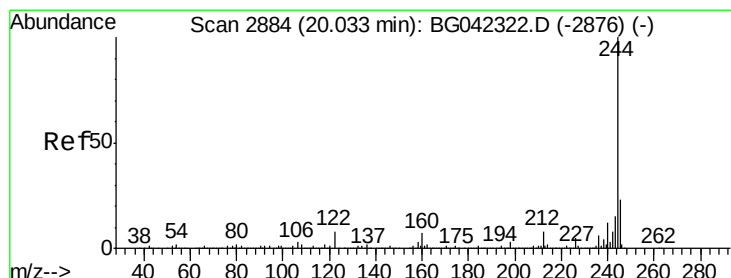
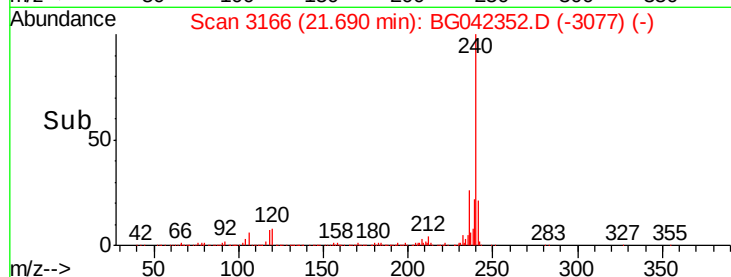
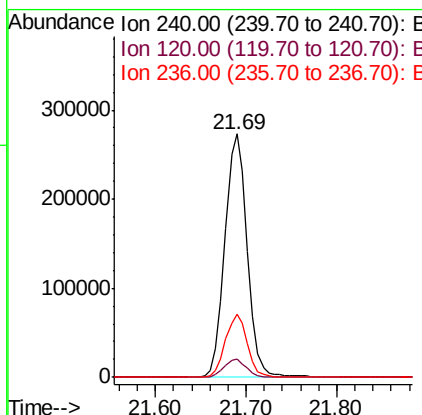
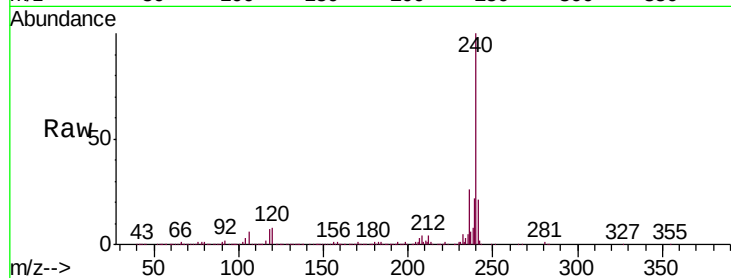




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042352.D
Acq: 20 Aug 2019 10:40

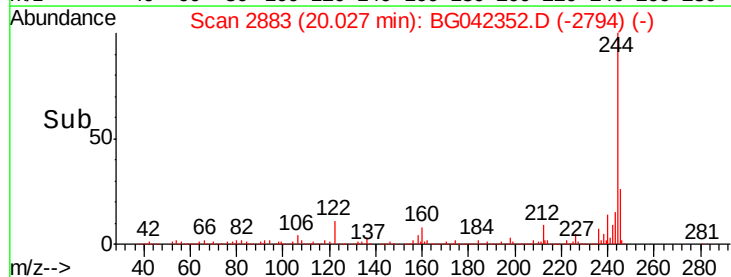
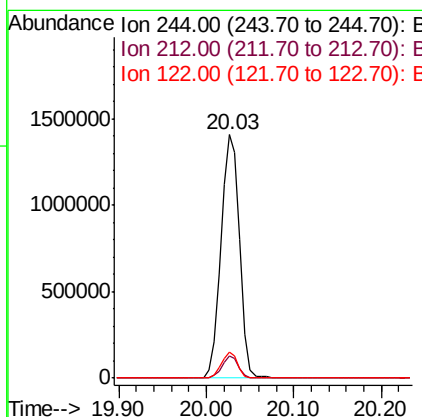
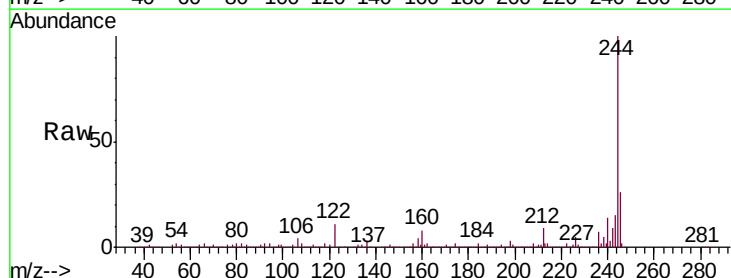
Instrument :
BNA_G
ClientSampleId :
T8-D-(0-2)

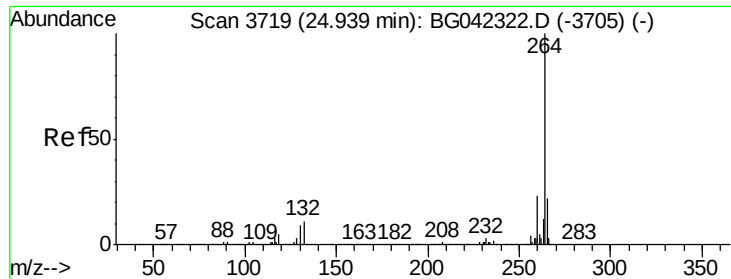
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.0	9.0
236	25.8	21.6	32.4



#79
Terphenyl-d14
Concen: 97.344 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042352.D
Acq: 20 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.4	9.6
122	10.6	6.6	10.0#

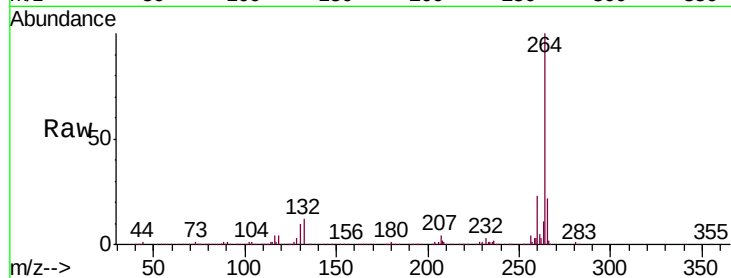




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042352.D
 Acq: 20 Aug 2019 10:40

Instrument :
 BNA_G
 ClientSampleId :
 T8-D-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.5	17.4	26.0



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

