

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042617.D
 Acq On : 31 Aug 2019 1:45
 Operator : HP/JU
 Sample : K4409-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-J-4.0-4.5-081919

Quant Time: Aug 31 05:18:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

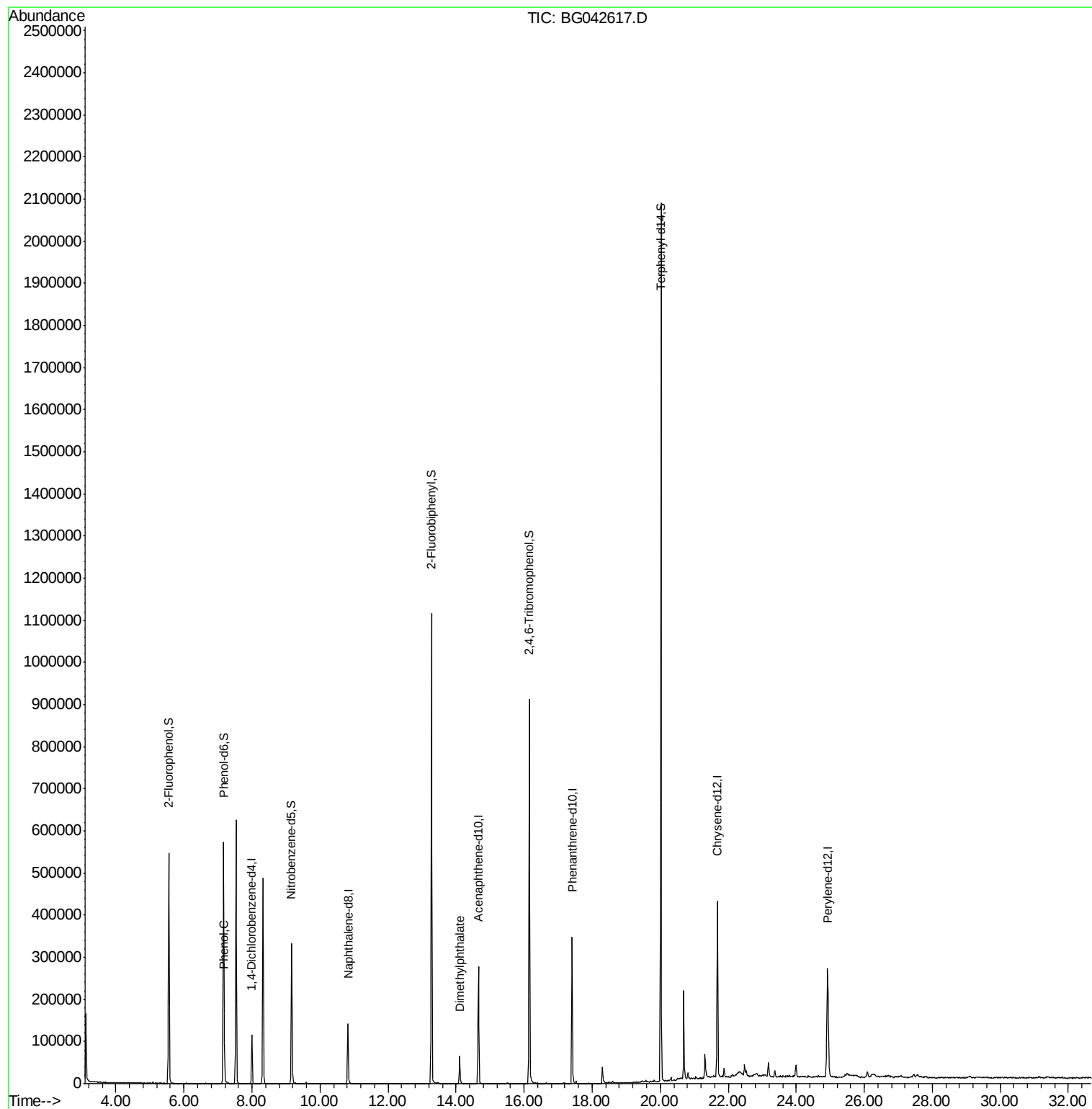
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	39218	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	151944	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	112529	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255443	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	267753	20.00	ng	-0.01
87) Perylene-d12	24.92	264	314682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	278107	143.62	ng	0.00
7) Phenol-d6	7.17	99	374749	143.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	214189	97.41	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	236931	148.14	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	659292	99.09	ng	0.00
79) Terphenyl-d14	20.02	244	1089735	87.99	ng	0.00
Target Compounds						
10) Phenol	7.19	94	28218	10.610	ng	90
50) Dimethylphthalate	14.10	163	61748	7.605	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042617.D
Acq On : 31 Aug 2019 1:45
Operator : HP/JU
Sample : K4409-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Quant Time: Aug 31 05:18:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



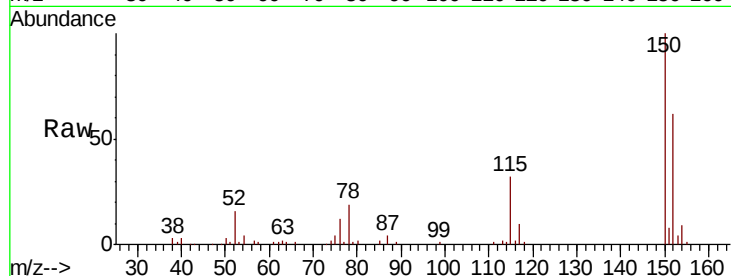


#1

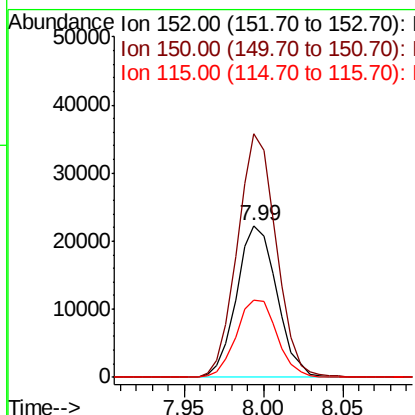
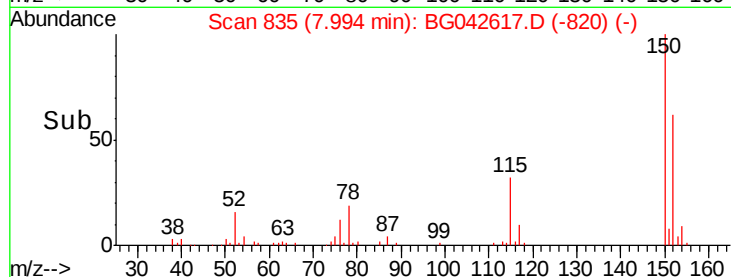
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 S301-J-4.0-4.5-081919

Tot Ion:152 Resp: 39218
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.4 188.0
 115 51.2 38.5 57.7



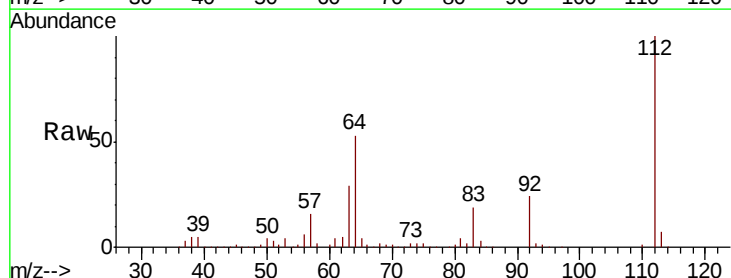
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



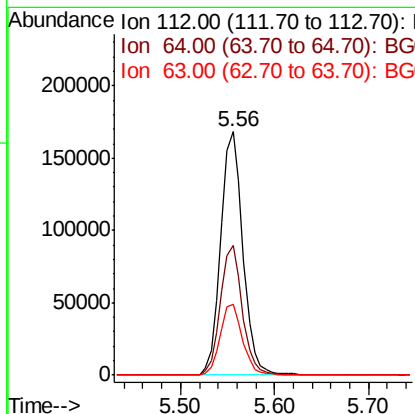
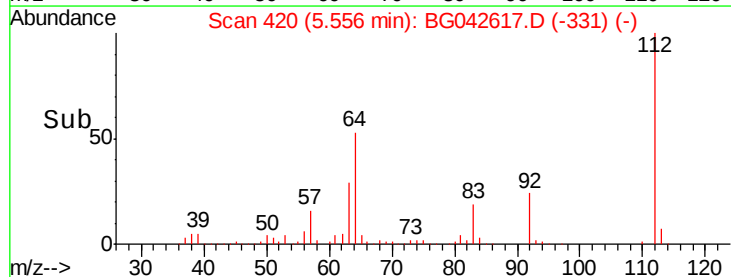
#5

2-Fluorophenol
 Concen: 143.620 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042617.D
 Acq: 31 Aug 2019 1:45

Tgt Ion:112 Resp: 278107
 Ion Ratio Lower Upper
 112 100
 64 53.0 42.8 64.2
 63 28.9 22.7 34.1



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: 143.272 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampleId :

S301-J-4.0-4.5-081919

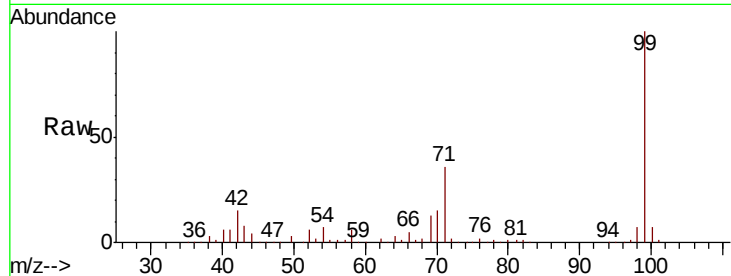
Tot Ion: 99 Resp: 374749

Ion Ratio Lower Upper

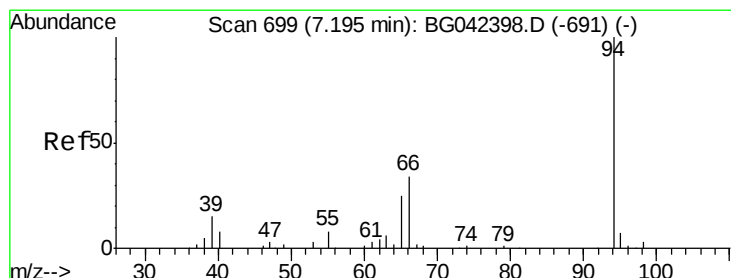
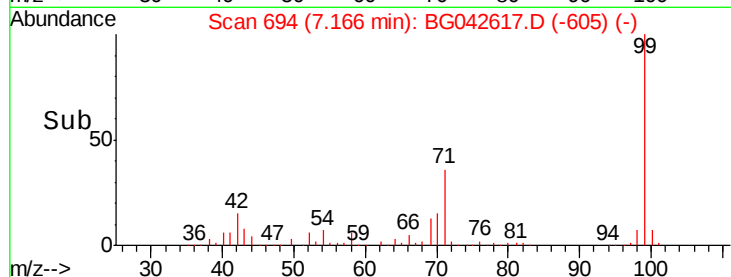
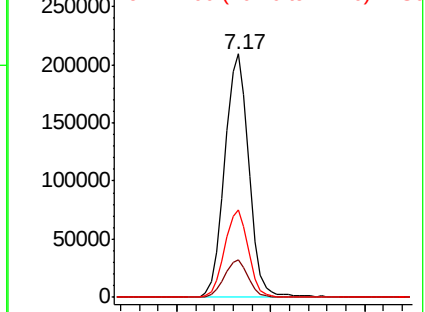
99 100

42 15.5 12.0 18.0

71 35.8 26.3 39.5



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



#10

Phenol

Concen: 10.610 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

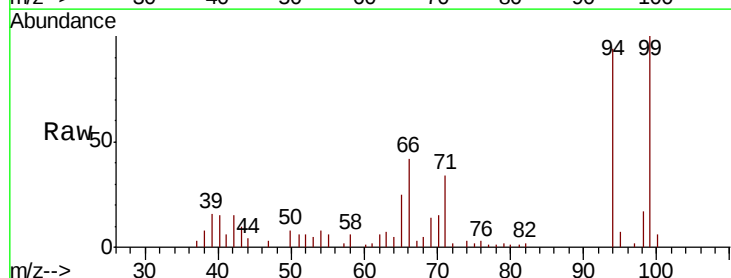
Tgt Ion: 94 Resp: 28218

Ion Ratio Lower Upper

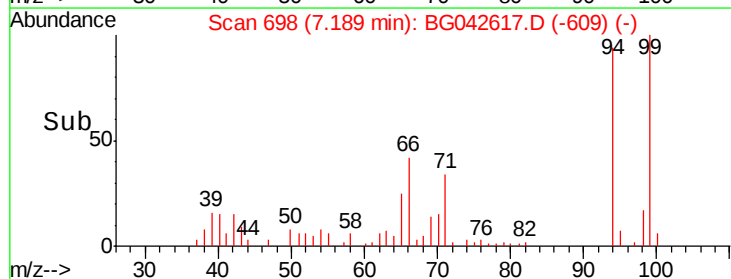
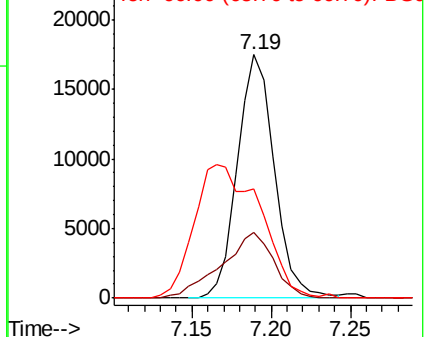
94 100

65 26.7 5.6 45.6

66 45.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

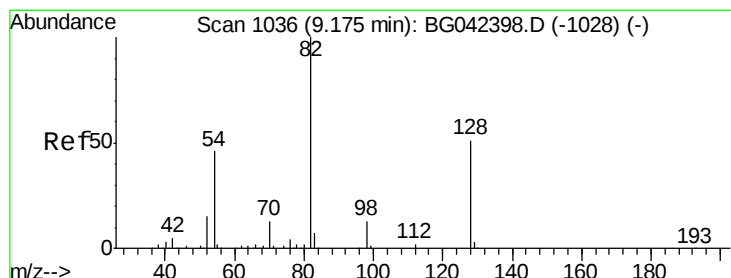
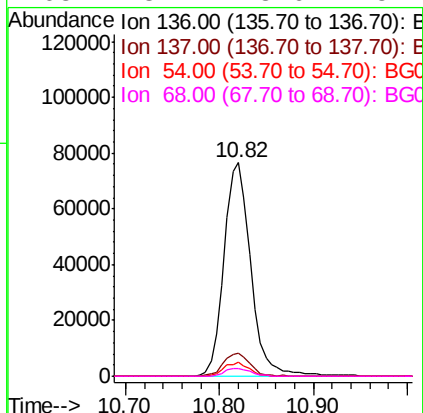
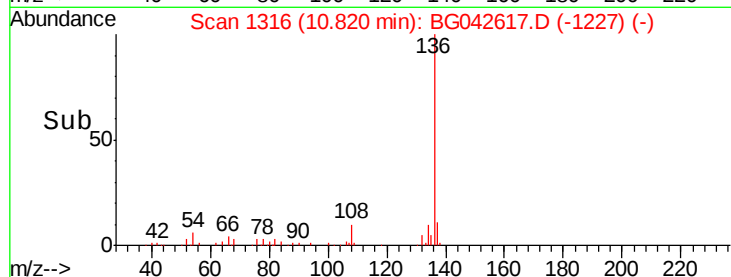
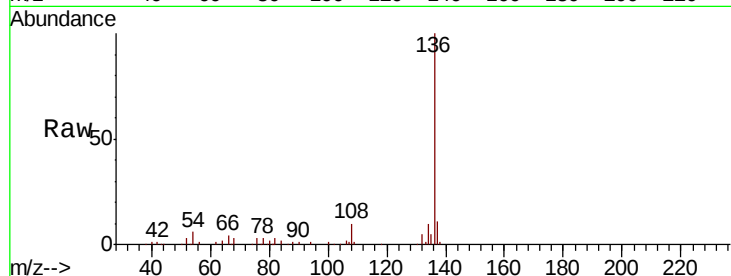




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

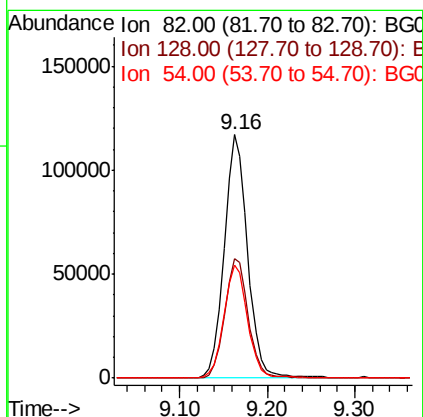
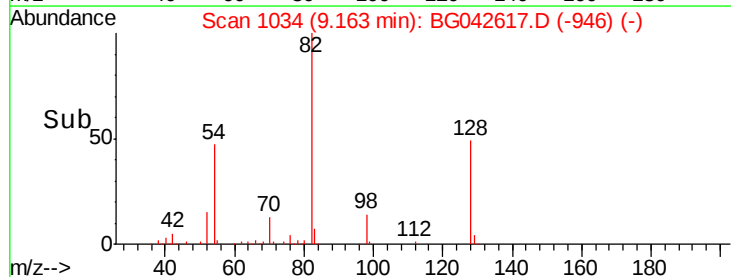
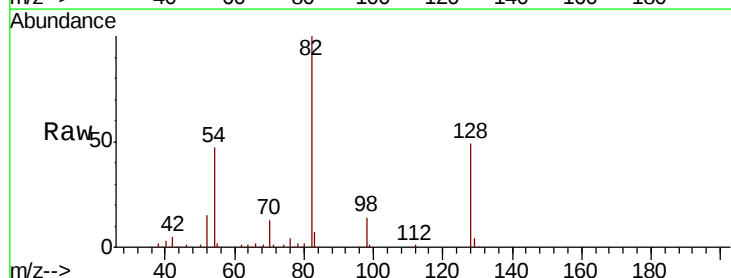
Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

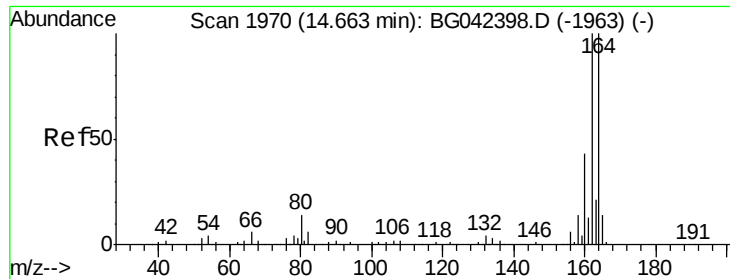
Tot Ion:136	Resp:	151944
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 6.3	4.9	7.3
68 3.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 97.413 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion: 82	Resp: 214189
Ion Ratio	Lower Upper
82 100	
128 49.0	40.7 61.1
54 46.6	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampleId :

S301-J-4.0-4.5-081919

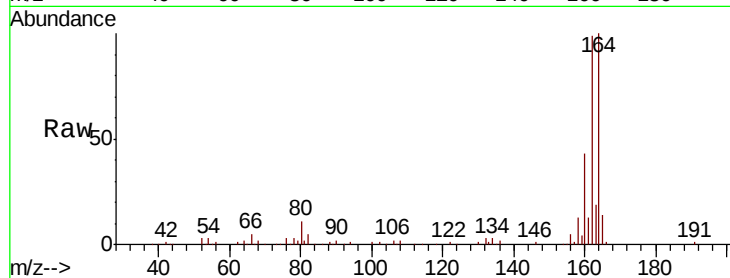
Tot Ion:164 Resp: 112529

Ion Ratio Lower Upper

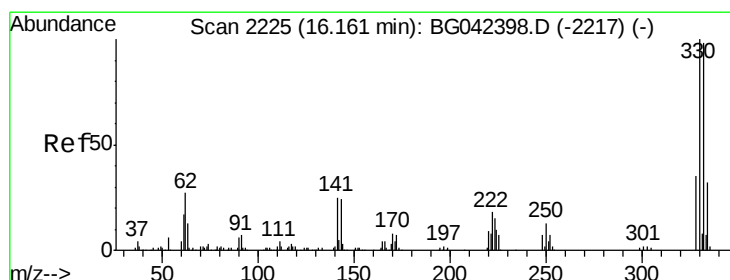
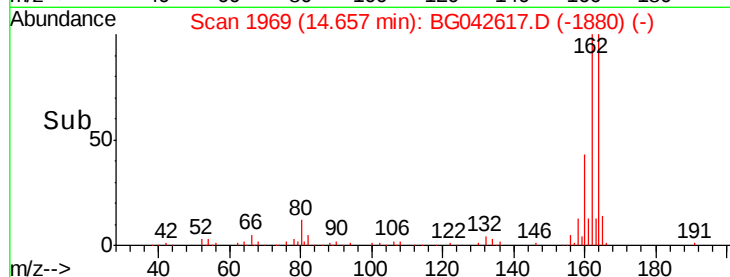
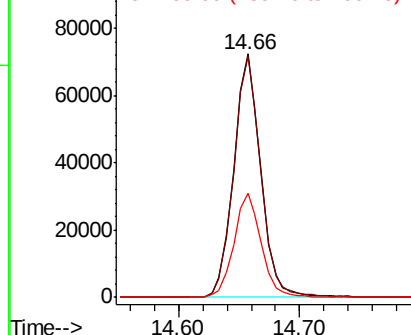
164 100

162 99.0 79.9 119.9

160 42.8 34.3 51.5



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



#42

2,4,6-Tribromophenol

Concen: 148.136 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

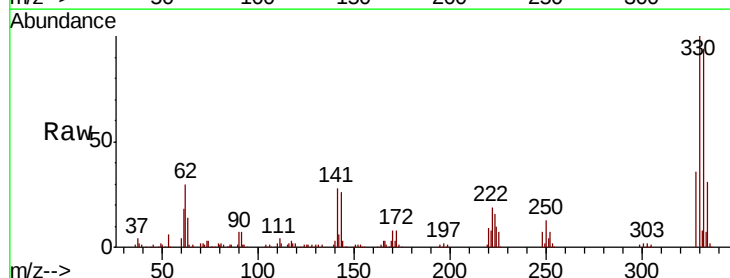
Tgt Ion:330 Resp: 236931

Ion Ratio Lower Upper

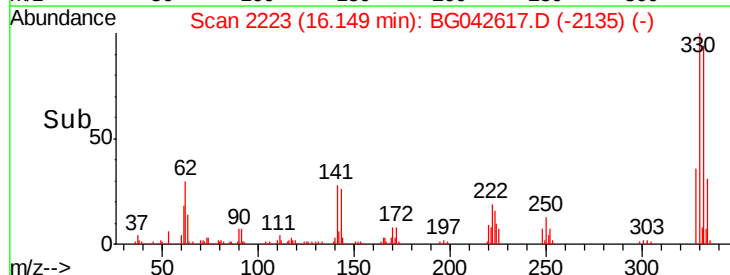
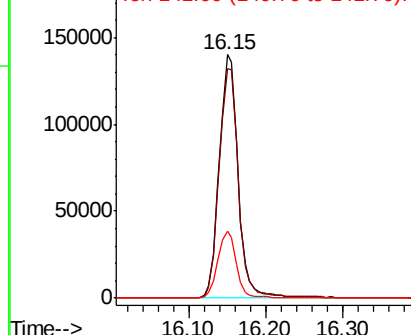
330 100

332 97.3 77.4 116.0

141 27.0 21.4 32.0



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

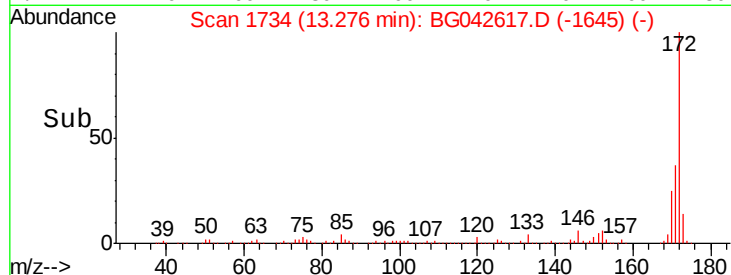
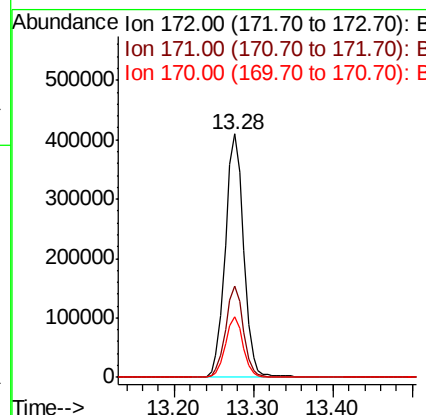
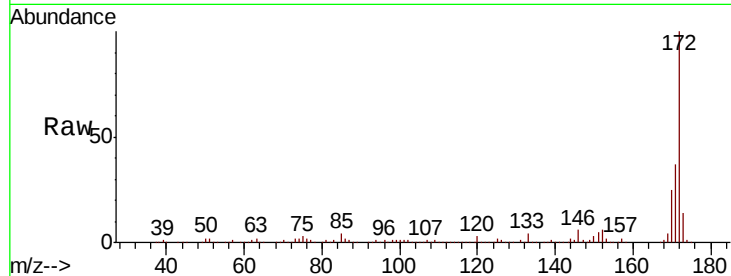




#45
2-Fluorobiphenyl
Concen: 99.090 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

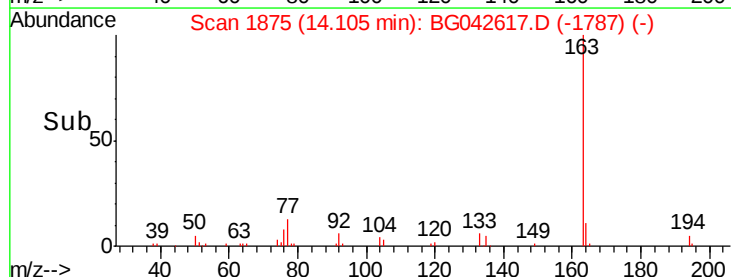
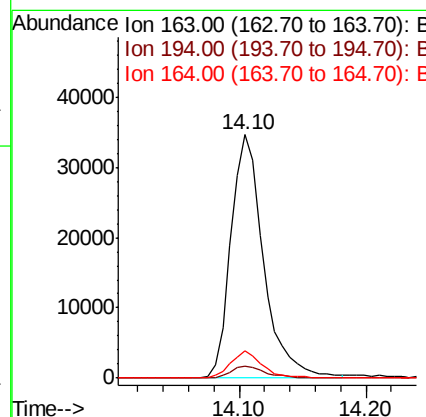
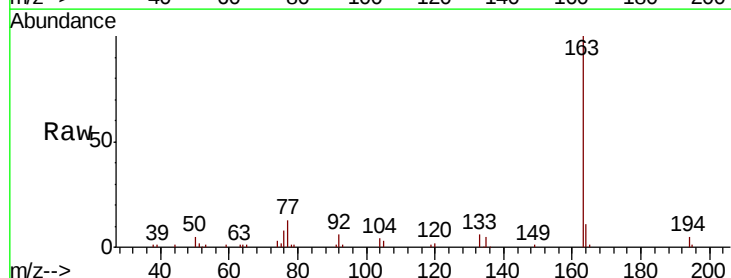
Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tot Ion:172 Resp: 659292
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.6 20.2 30.2



#50
Dimethylphthalate
Concen: 7.605 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:163 Resp: 61748
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 11.4 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampleId :

S301-J-4.0-4.5-081919

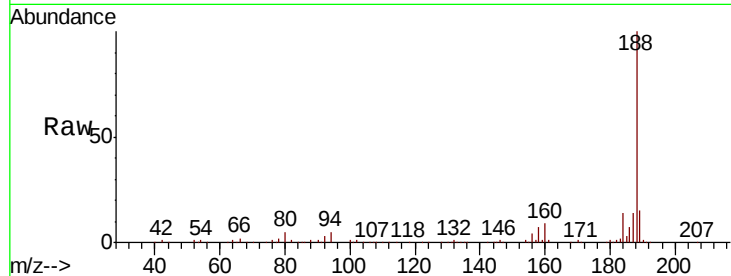
Tot Ion:188 Resp: 255443

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

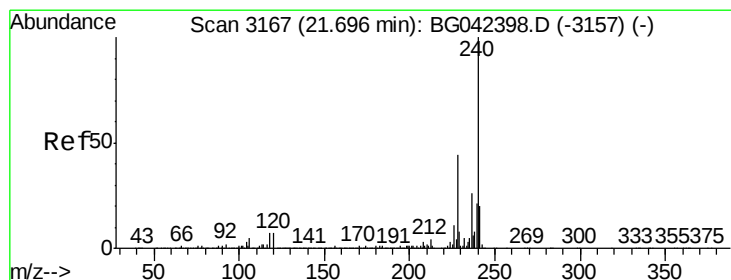
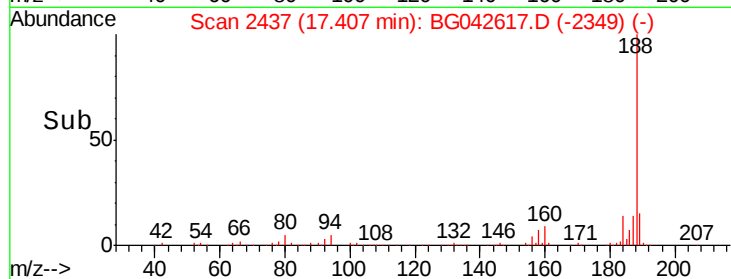
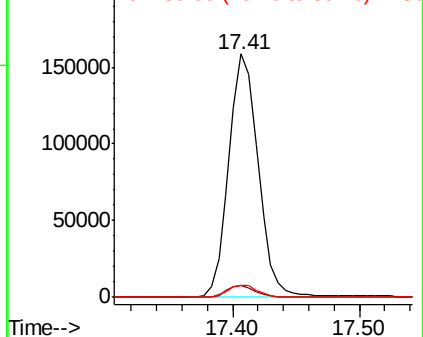
80 5.0 4.9 7.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

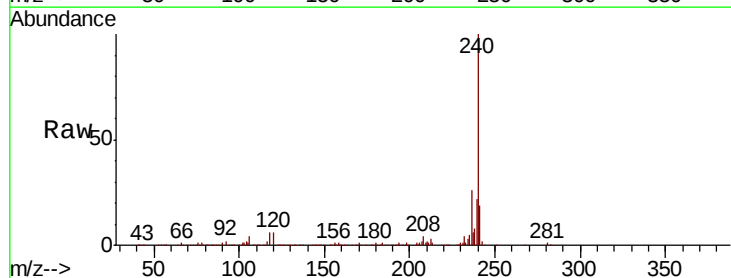
Tgt Ion:240 Resp: 267753

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

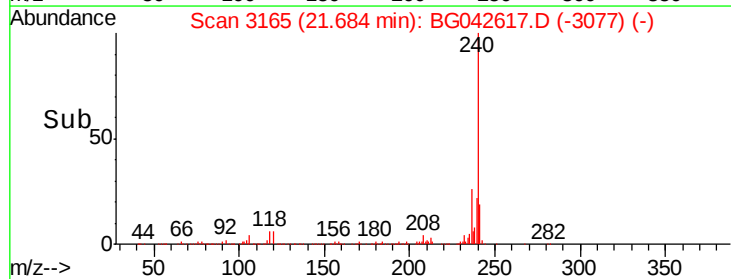
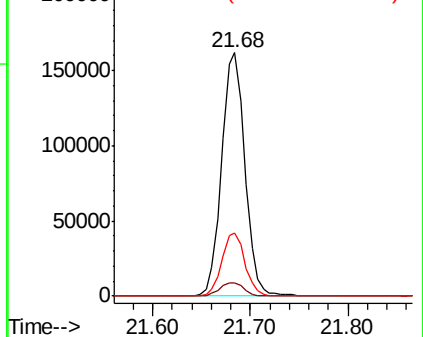
236 26.1 21.0 31.4



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: 87.989 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

Instrument :

BNA_G

ClientSampleId :

S301-J-4.0-4.5-081919

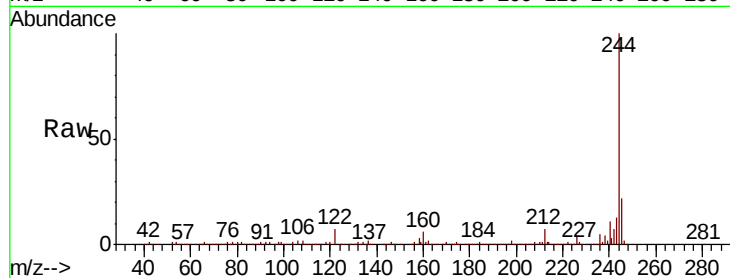
Tot Ion:244 Resp: 1089735

Ion Ratio Lower Upper

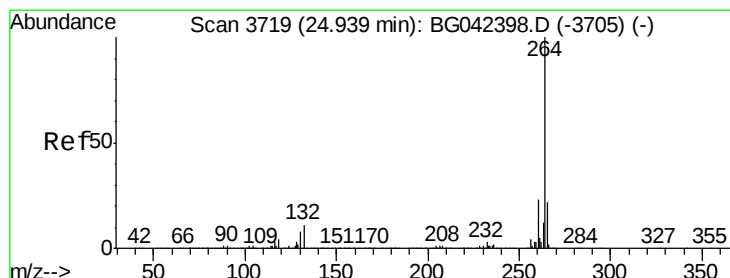
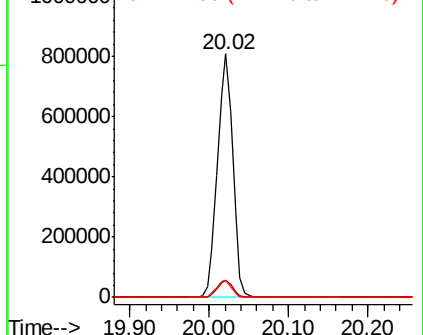
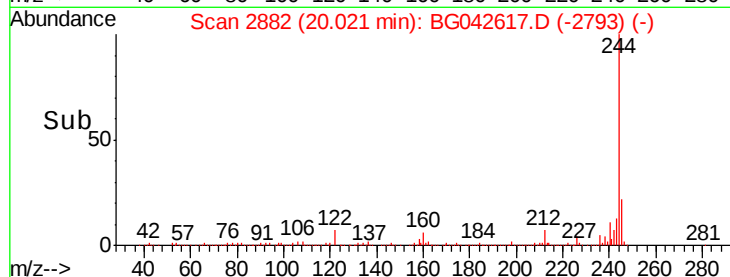
244 100

212 7.1 6.0 9.0

122 6.8 6.7 10.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042617.D

Acq: 31 Aug 2019 1:45

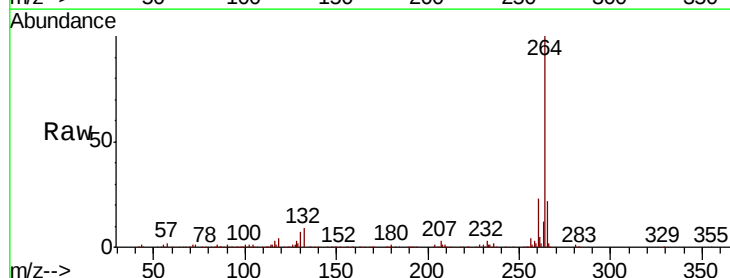
Tgt Ion:264 Resp: 314682

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.6 17.6 26.4



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

