

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042614.D
 Acq On : 30 Aug 2019 23:50
 Operator : HP/JU
 Sample : K4594-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S704A-N-2.0-2.5-082819

Quant Time: Aug 31 01:51:08 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

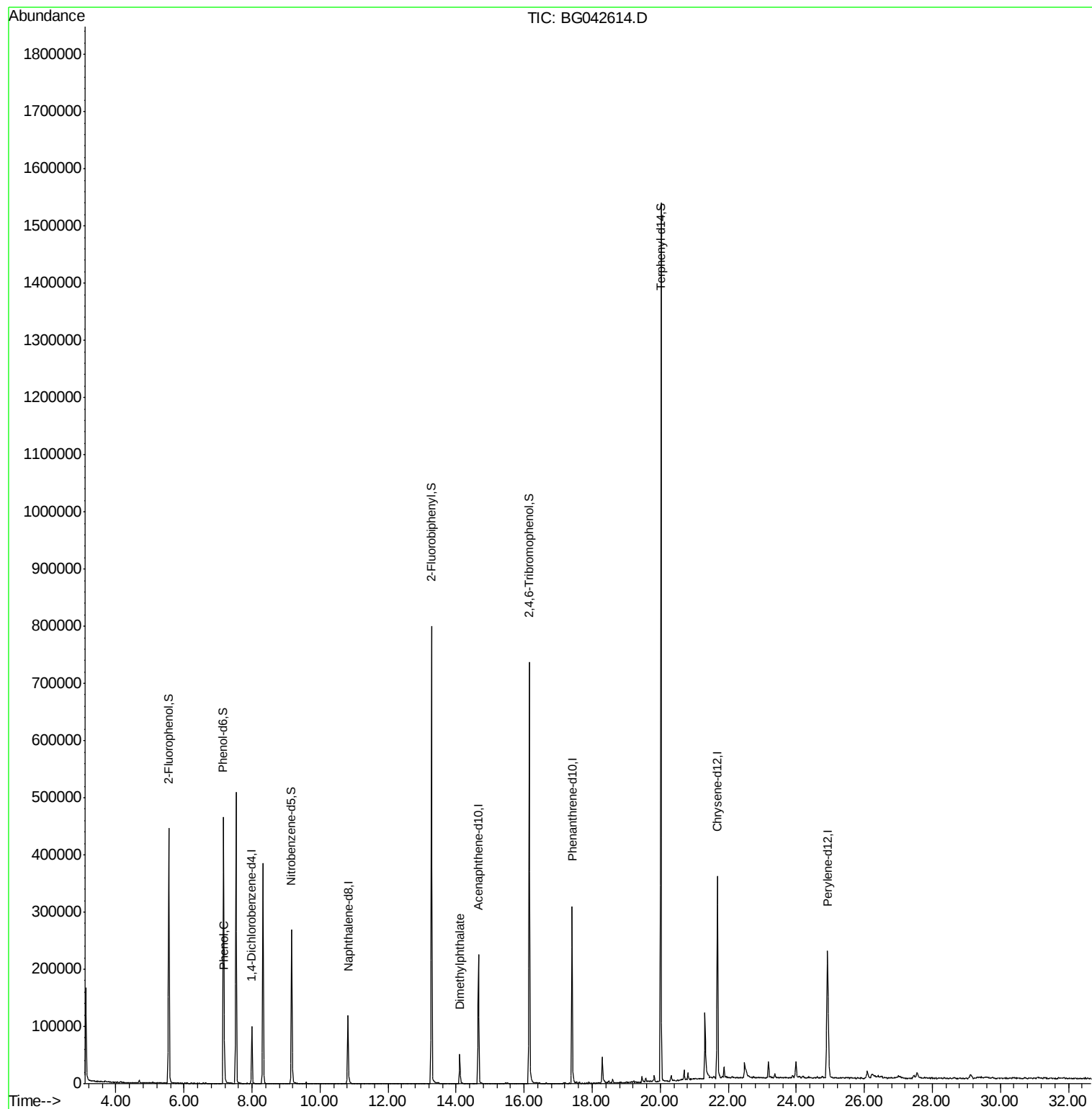
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33463	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	126353	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95484	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223907	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	237497	20.00	ng	-0.01
87) Perylene-d12	24.91	264	278288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	229655	138.99	ng	0.00
7) Phenol-d6	7.16	99	307292	137.69	ng	-0.01
23) Nitrobenzene-d5	9.16	82	176959	96.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	197004	145.16	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486143	86.11	ng	0.00
79) Terphenyl-d14	20.02	244	840963	76.55	ng	0.00
Target Compounds						
10) Phenol	7.19	94	25182	11.097	ng	90
50) Dimethylphthalate	14.10	163	53612	7.782	ng	99

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

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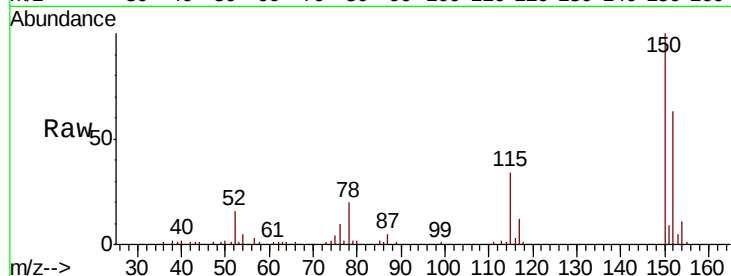


#1

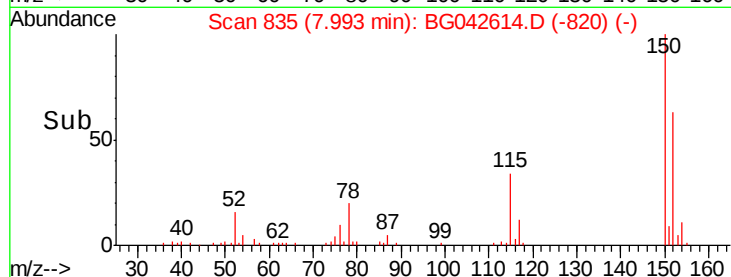
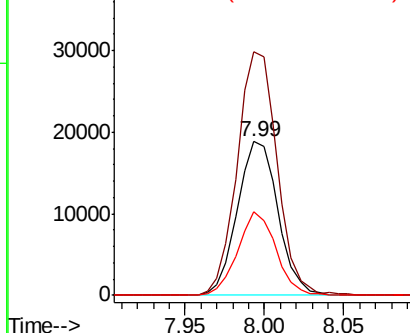
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 S704A-N-2.0-2.5-082819

Tot Ion:152 Resp: 33463
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.4 188.0
 115 54.3 38.5 57.7



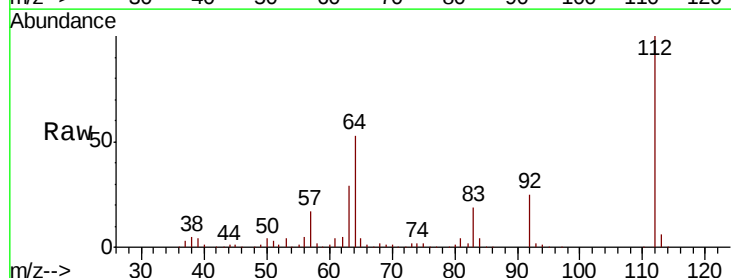
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



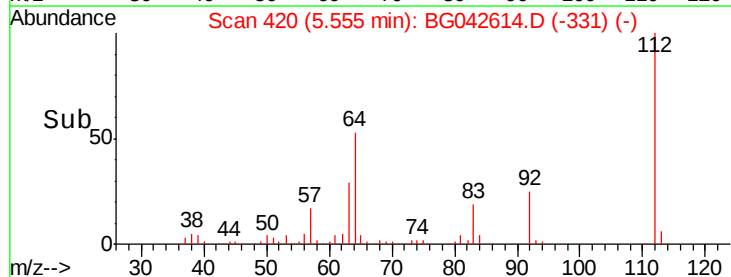
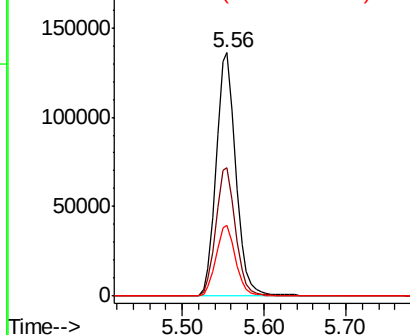
#5

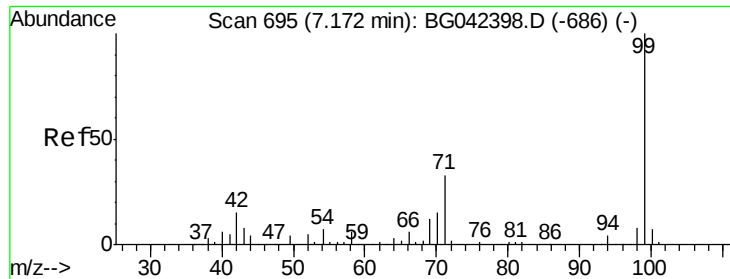
2-Fluorophenol
 Concen: 138.995 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

Tgt Ion:112 Resp: 229655
 Ion Ratio Lower Upper
 112 100
 64 52.9 42.8 64.2
 63 29.1 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: 137.686 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

S704A-N-2.0-2.5-082819

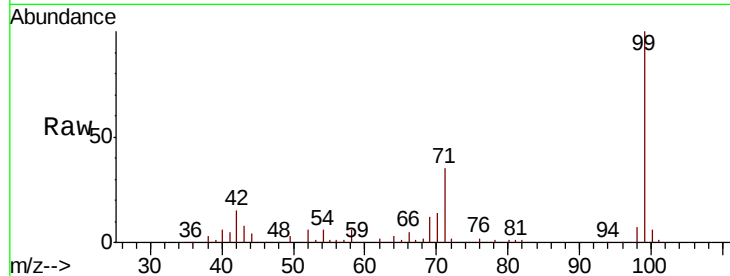
Tot Ion: 99 Resp: 307292

Ion Ratio Lower Upper

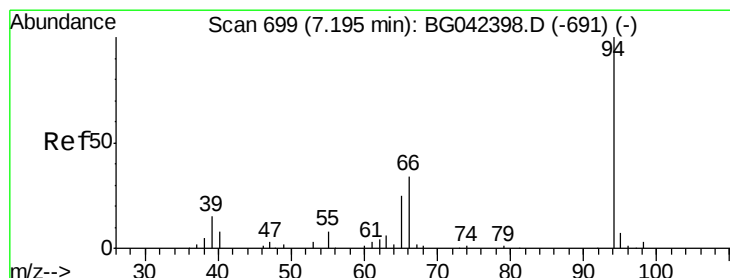
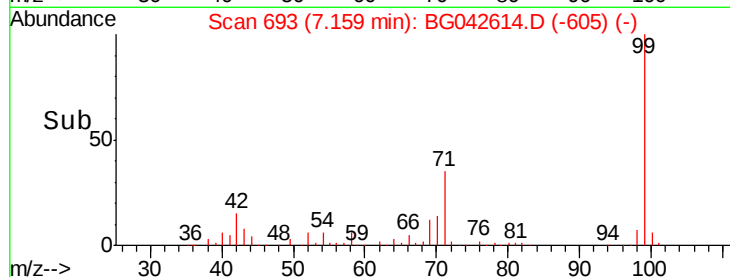
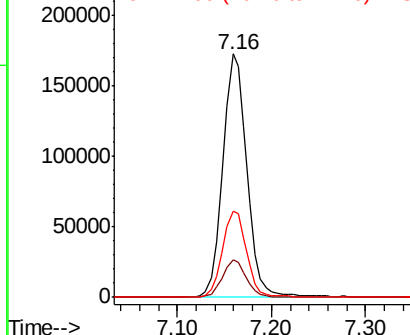
99 100

42 15.5 12.0 18.0

71 35.2 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: 11.097 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

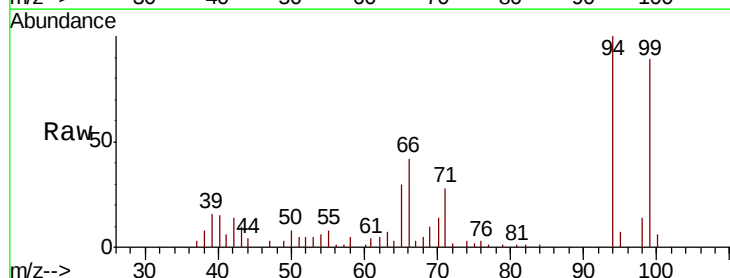
Tgt Ion: 94 Resp: 25182

Ion Ratio Lower Upper

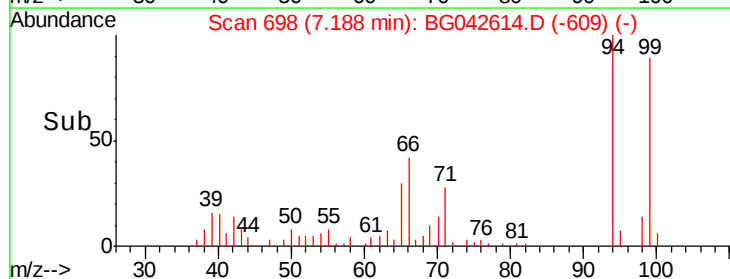
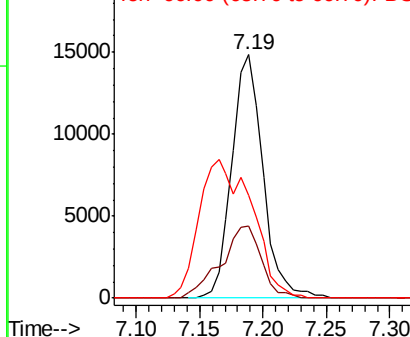
94 100

65 29.8 5.6 45.6

66 42.2 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: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

S704A-N-2.0-2.5-082819

Tot Ion:136 Resp: 126353

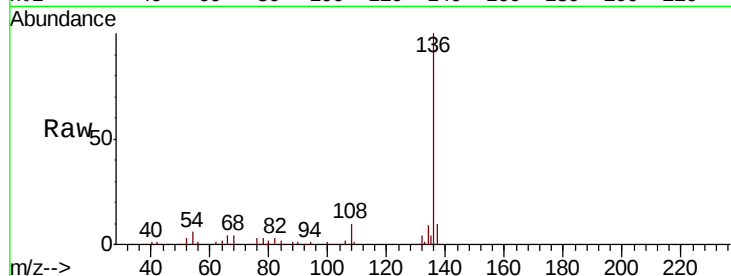
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.5 4.9 7.3

68 3.7 3.6 5.4

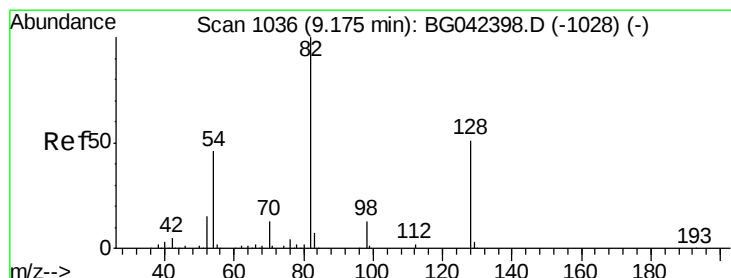
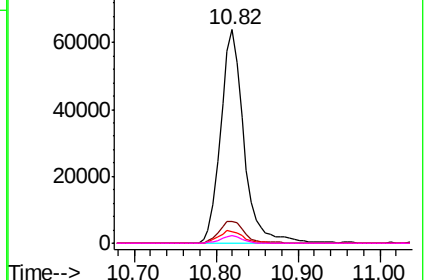
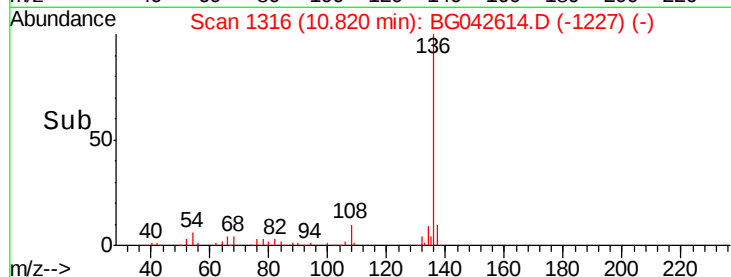


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.781 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

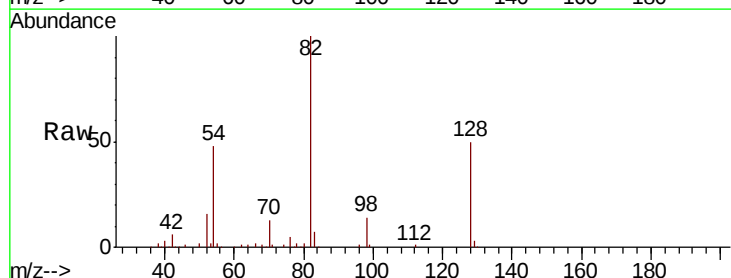
Tgt Ion: 82 Resp: 176959

Ion Ratio Lower Upper

82 100

128 50.0 40.7 61.1

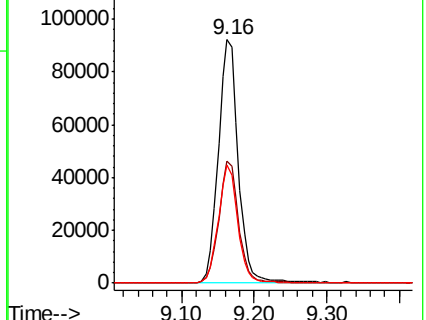
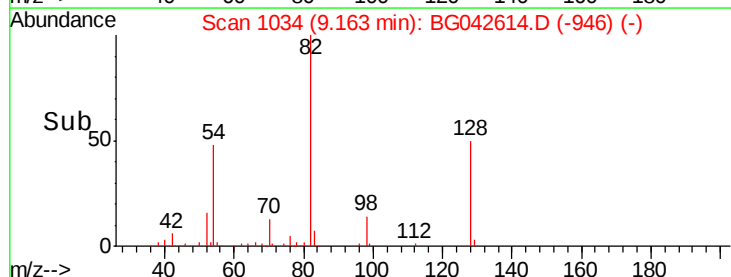
54 48.4 36.3 54.5

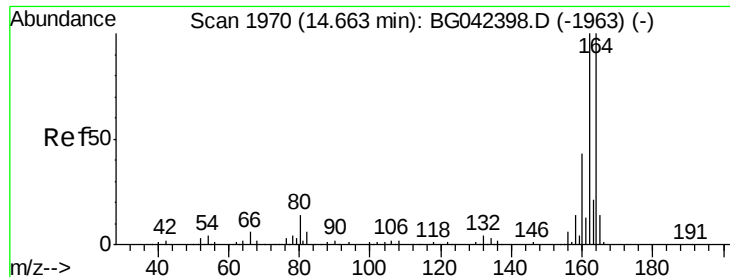


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

S704A-N-2.0-2.5-082819

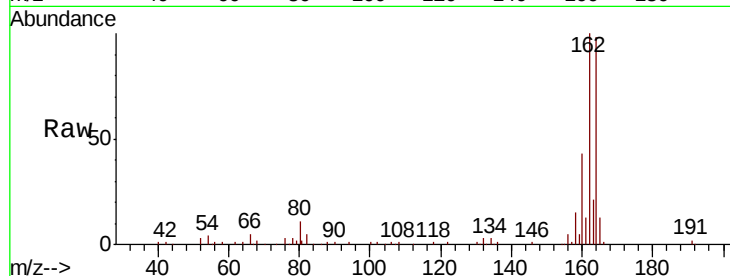
Tot Ion:164 Resp: 95484

Ion Ratio Lower Upper

164 100

162 101.7 79.9 119.9

160 43.5 34.3 51.5

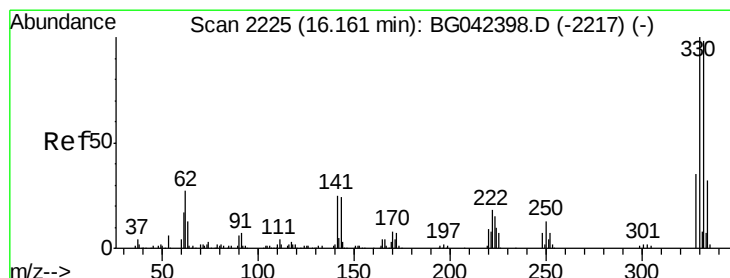
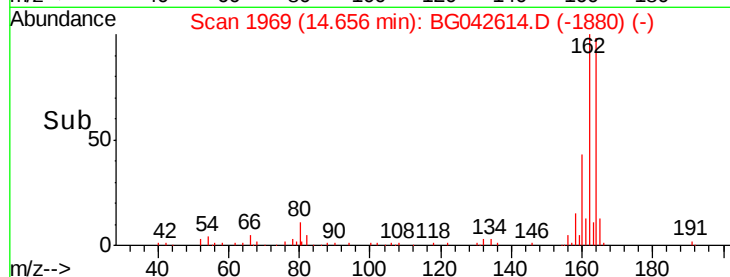
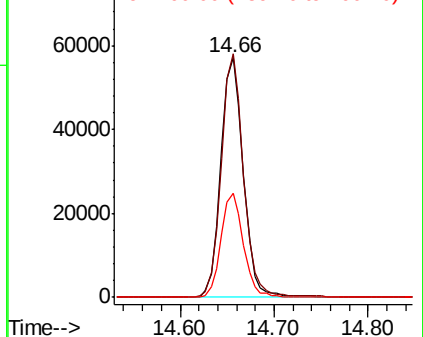


Abundance

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: 145.160 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

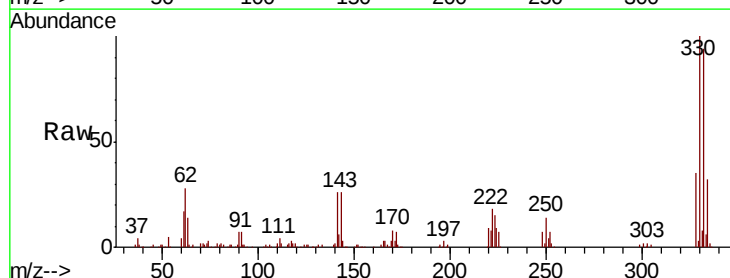
Tgt Ion:330 Resp: 197004

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 26.4 21.4 32.0

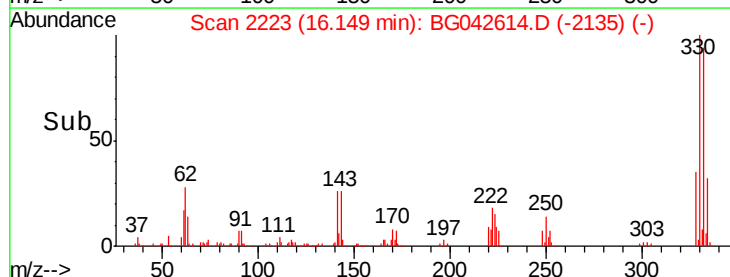
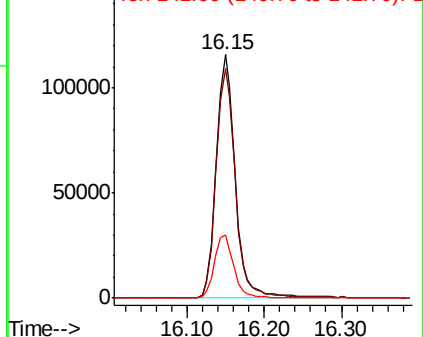


Abundance

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

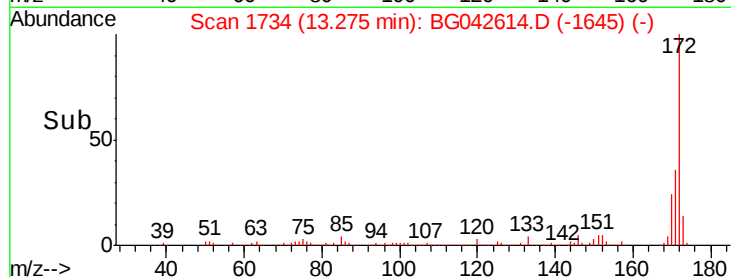
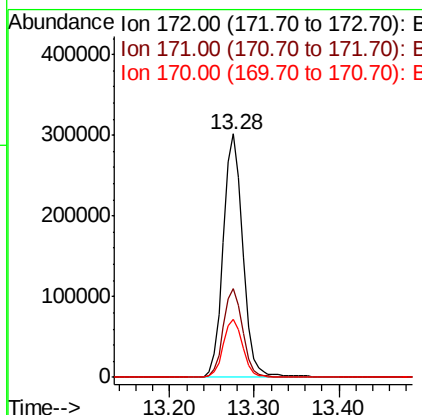
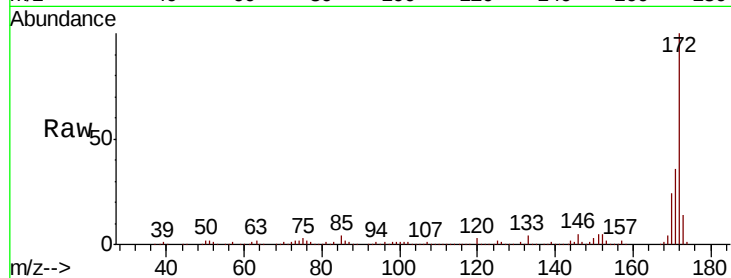




#45
2-Fluorobiphenyl
Concen: 86.109 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

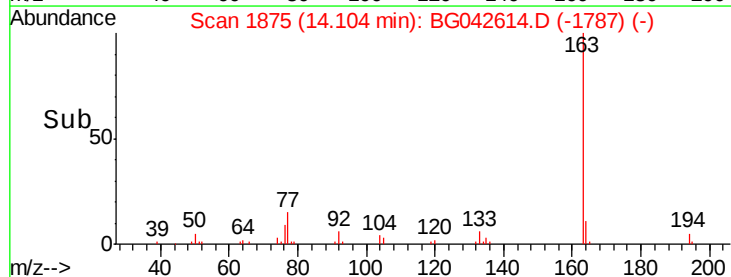
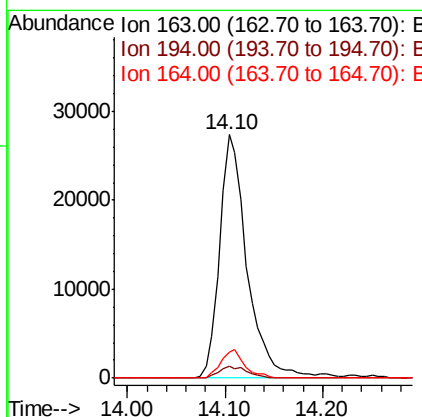
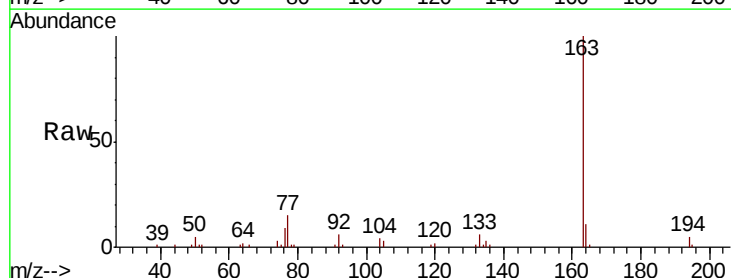
Instrument :
BNA_G
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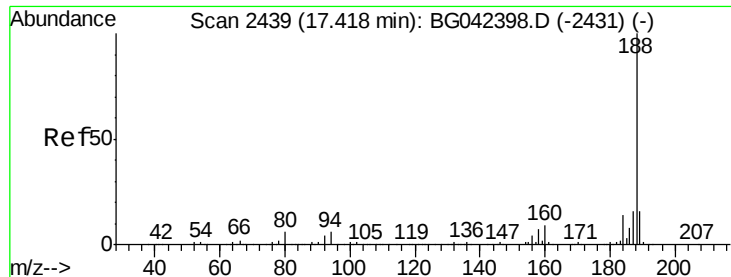
Tot Ion:172 Resp: 486143
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.6 20.2 30.2



#50
Dimethylphthalate
Concen: 7.782 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:163 Resp: 53612
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.6 8.8 13.2

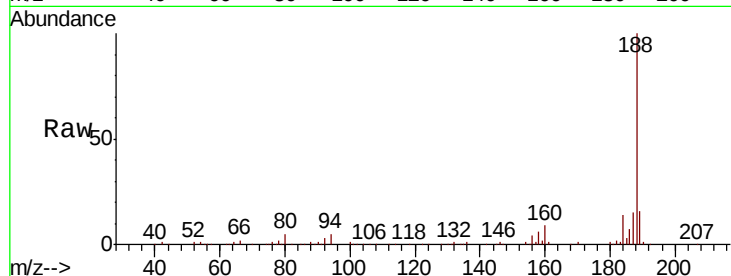




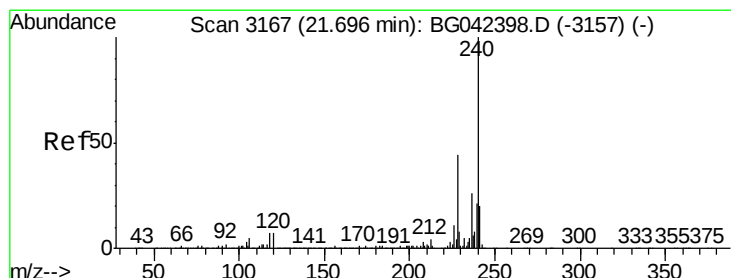
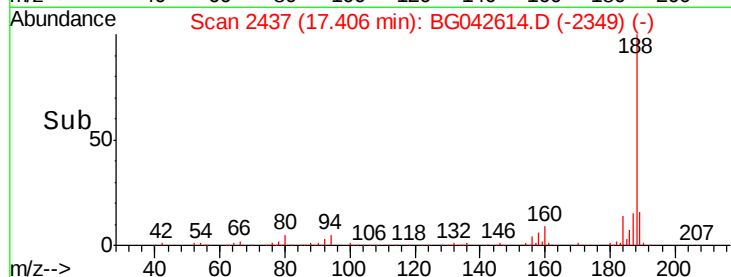
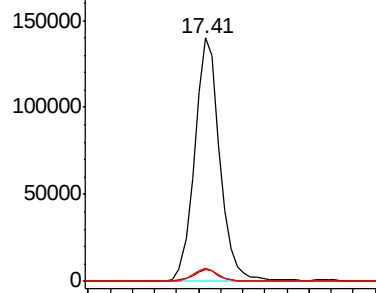
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tot Ion:188 Resp: 223907
Ion Ratio Lower Upper
188 100
94 5.0 4.5 6.7
80 5.5 4.9 7.3

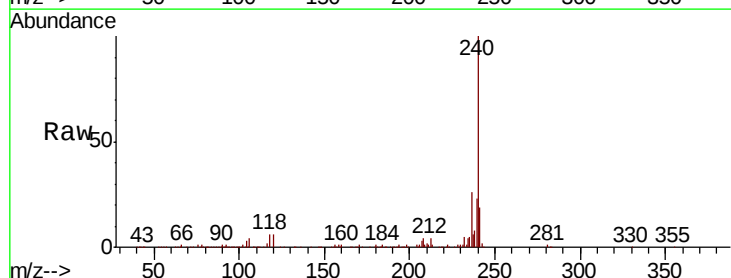


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

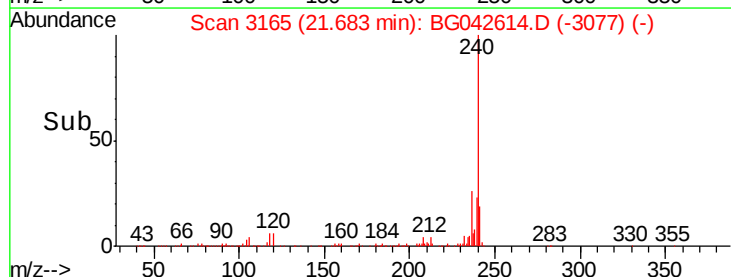
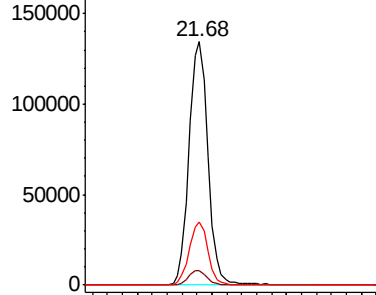


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:240 Resp: 237497
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 26.0 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: 76.552 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

S704A-N-2.0-2.5-082819

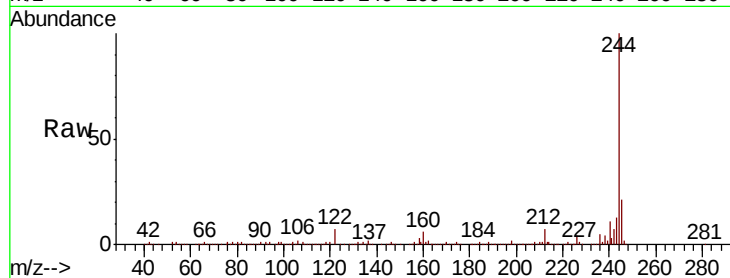
Tot Ion:244 Resp: 840963

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 6.6 6.7 10.1#

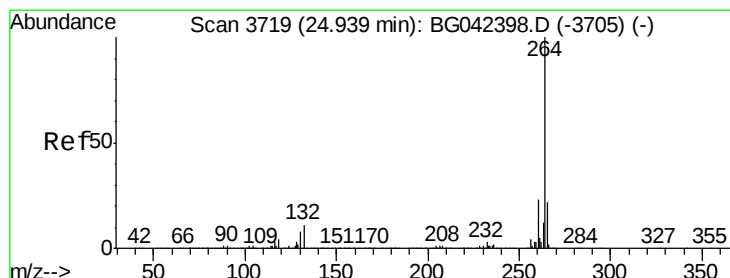
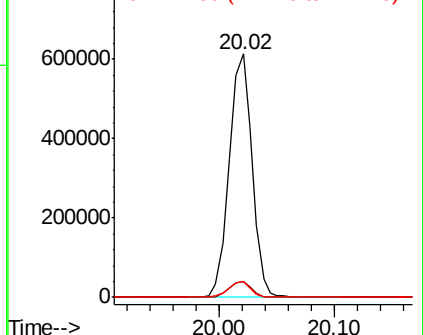
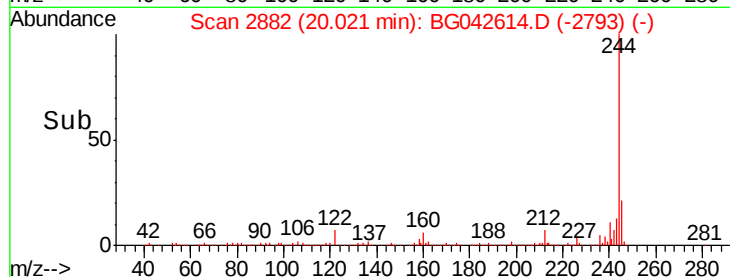


Abundance

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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

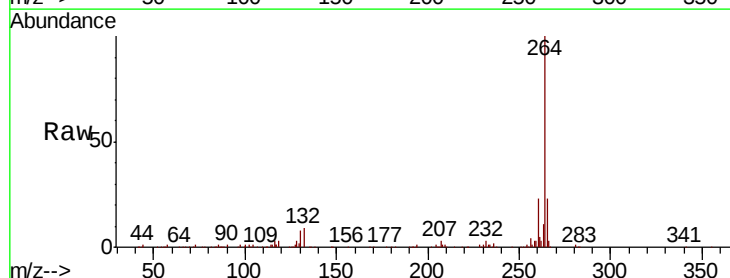
Tgt Ion:264 Resp: 278288

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.9 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

