

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042600.D
 Acq On : 30 Aug 2019 14:47
 Operator : HP/JU
 Sample : K4471-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S704-N-2.0-2.5-082119

Quant Time: Aug 30 16:36:16 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

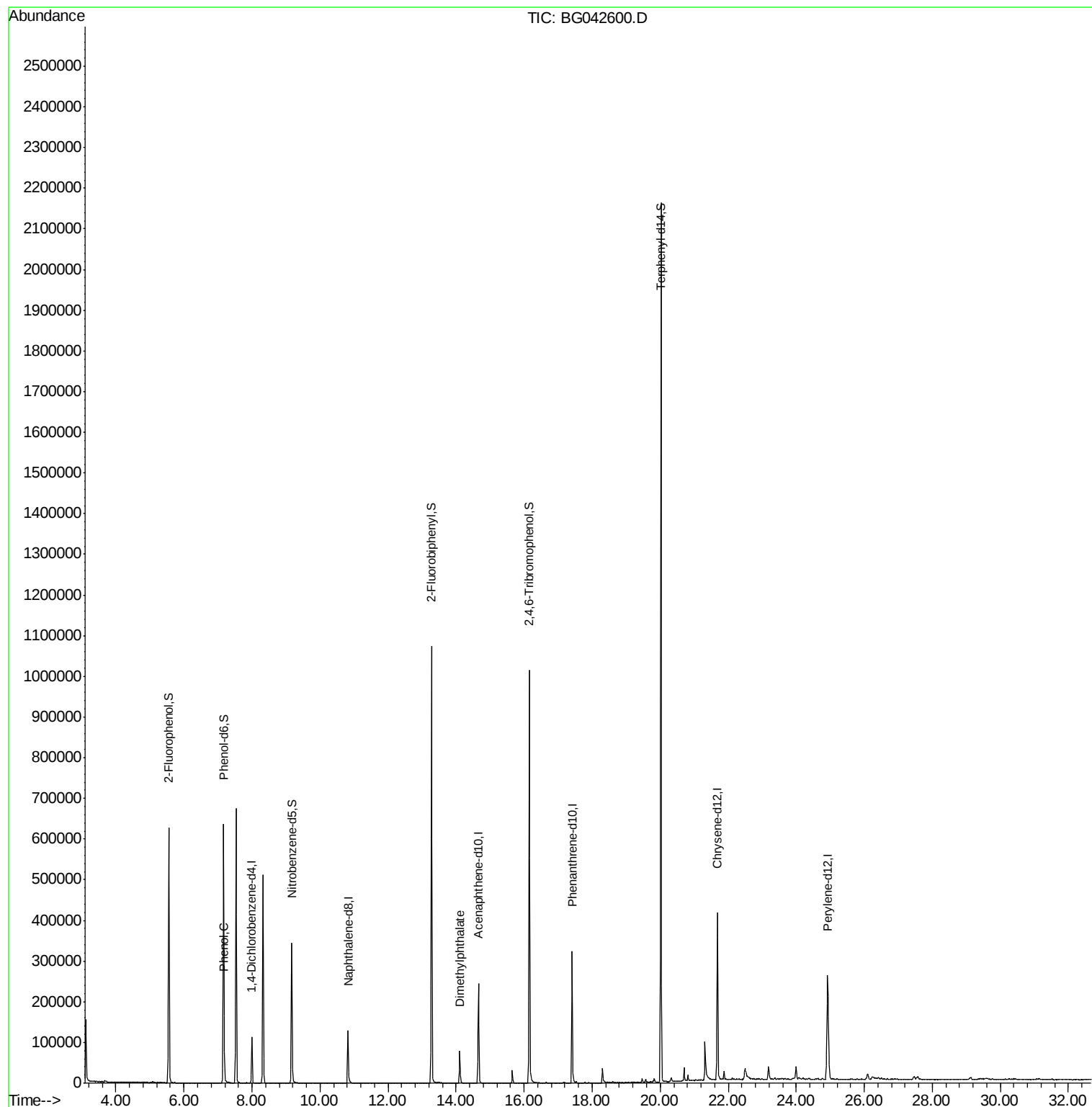
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37579	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	138361	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	101851	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238608	20.00	ng	0.00
76) Chrysene-d12	21.68	240	266188	20.00	ng	-0.01
87) Perylene-d12	24.92	264	311838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	306835	165.37	ng	0.00
7) Phenol-d6	7.17	99	407418	162.55	ng	0.00
23) Nitrobenzene-d5	9.17	82	227463	113.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	259086	178.97	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	643748	106.90	ng	0.00
79) Terphenyl-d14	20.02	244	1133131	92.03	ng	0.00
Target Compounds						
10) Phenol	7.19	94	10596	4.158	ng	Qvalue # 62
50) Dimethylphthalate	14.10	163	75390	10.259	ng	98

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

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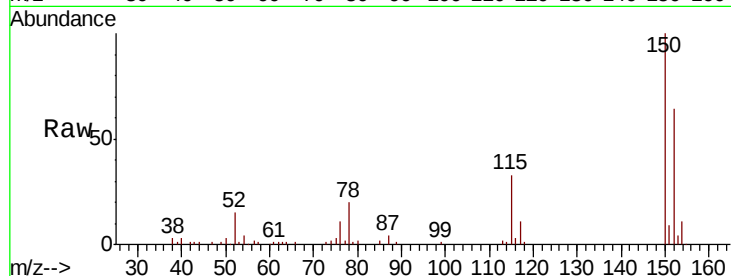


#1

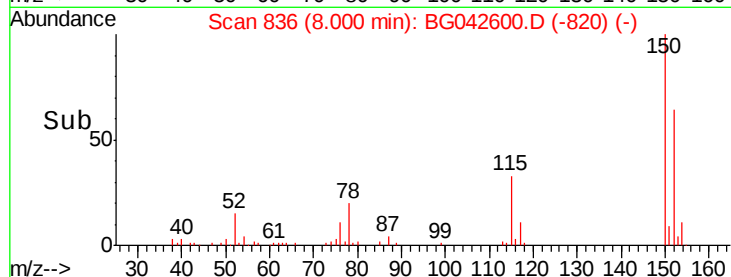
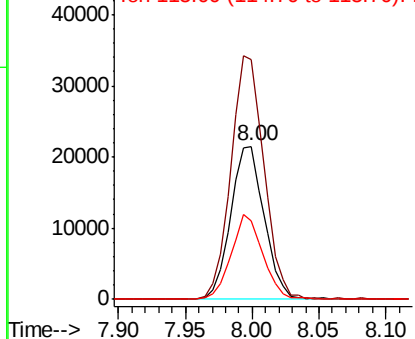
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

Instrument :
BNA_G
ClientSampleId :
S704-N-2.0-2.5-082119

Tot Ion:152 Resp: 37579
Ion Ratio Lower Upper
152 100
150 156.7 125.4 188.0
115 51.0 38.5 57.7



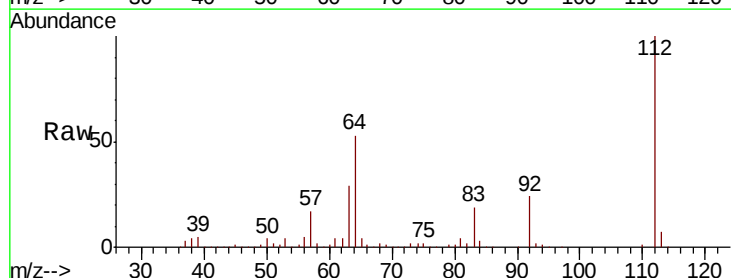
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



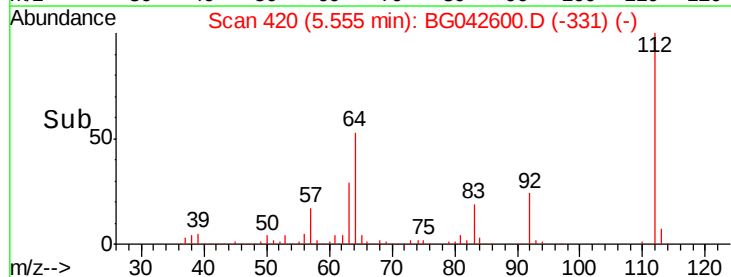
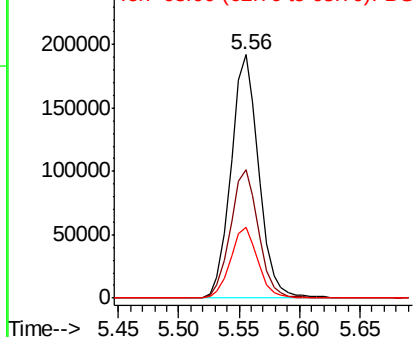
#5

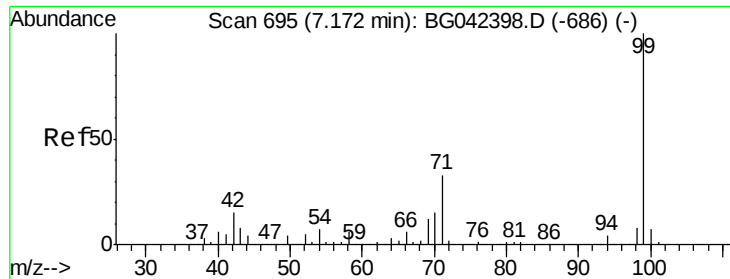
2-Fluorophenol
Concen: 165.366 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

Tgt Ion:112 Resp: 306835
Ion Ratio Lower Upper
112 100
64 52.8 42.8 64.2
63 29.4 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: 162.555 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

Instrument :

BNA_G

ClientSampleId :

S704-N-2.0-2.5-082119

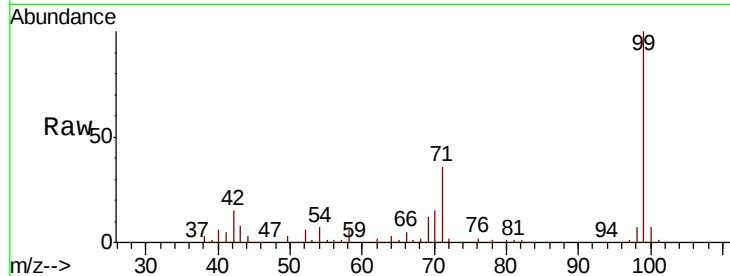
Tot Ion: 99 Resp: 407418

Ion Ratio Lower Upper

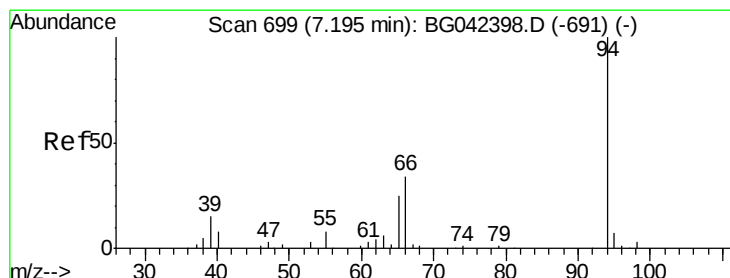
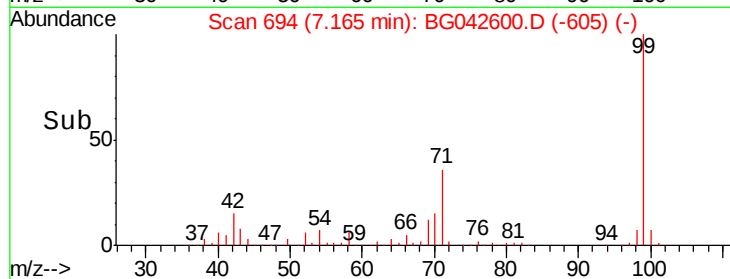
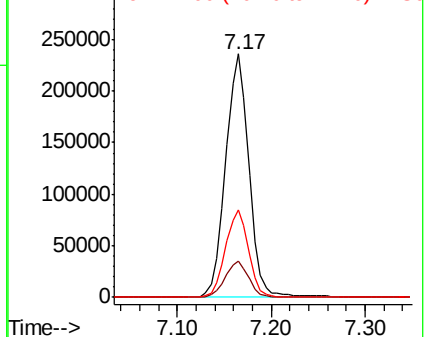
99 100

42 15.0 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: 4.158 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

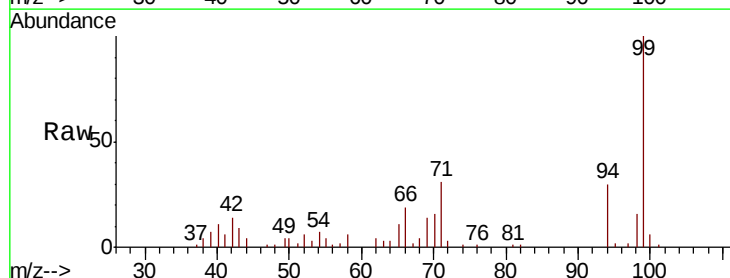
Tgt Ion: 94 Resp: 10596

Ion Ratio Lower Upper

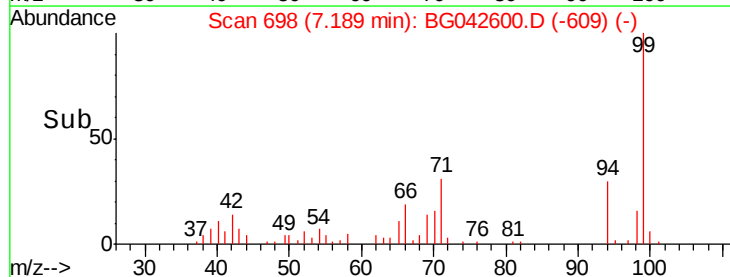
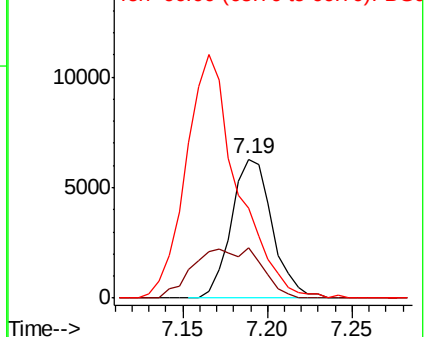
94 100

65 36.5 5.6 45.6

66 64.8 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

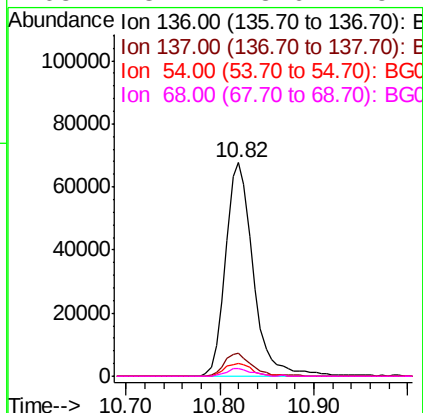
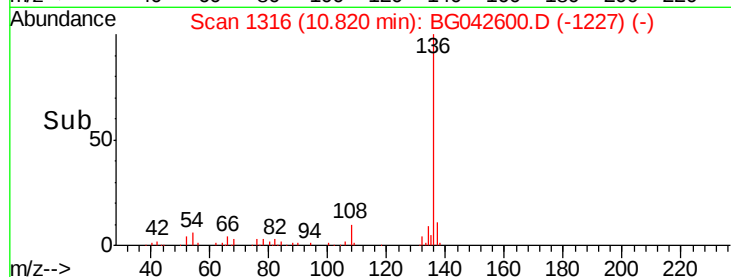
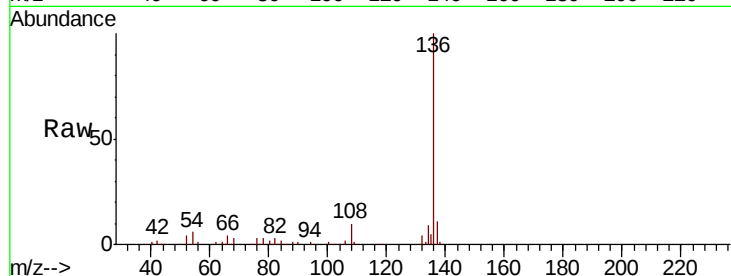




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

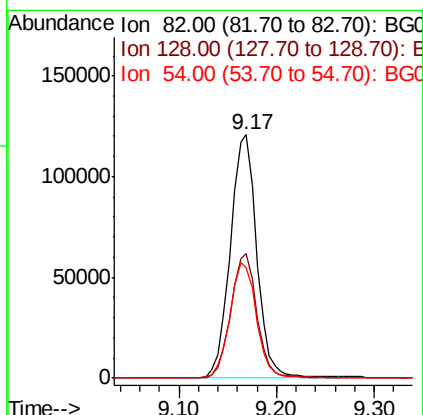
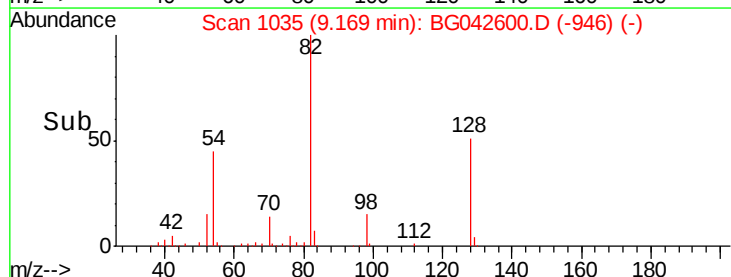
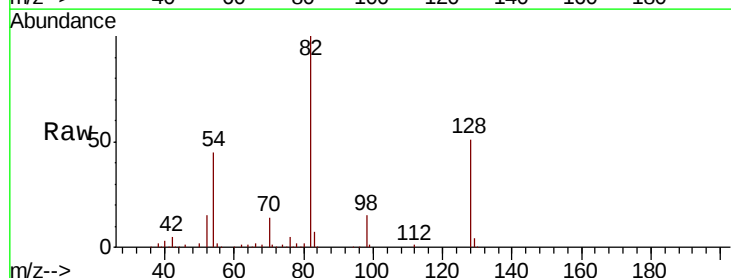
Instrument :
BNA_G
ClientSampleId :
S704-N-2.0-2.5-082119

Tot Ion:136	Resp:	138361
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	5.9	4.9 7.3
68	3.4	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 113.606 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

Tgt Ion: 82	Resp:	227463
Ion Ratio	Lower	Upper
82	100	
128	51.3	40.7 61.1
54	45.5	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: BG042600.D

Acq: 30 Aug 2019 14:47

Instrument :

BNA_G

ClientSampleId :

S704-N-2.0-2.5-082119

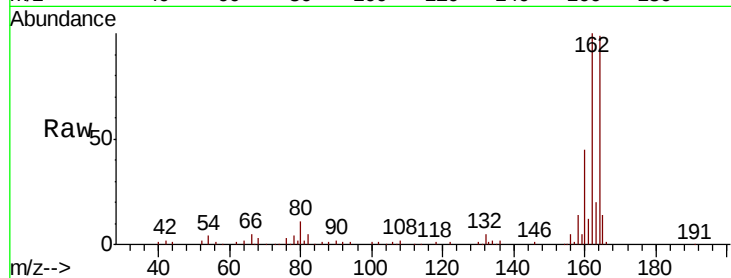
Tot Ion:164 Resp: 101851

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

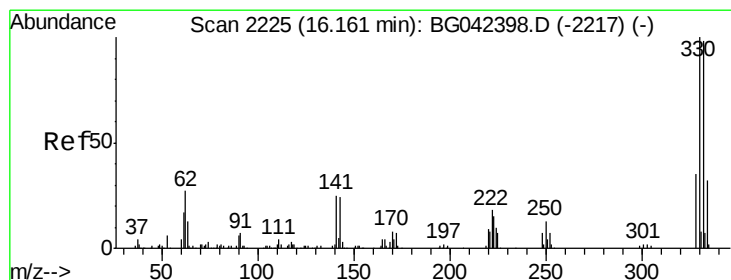
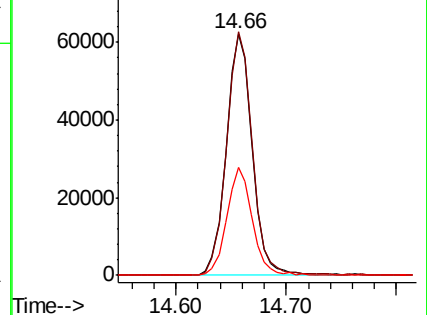
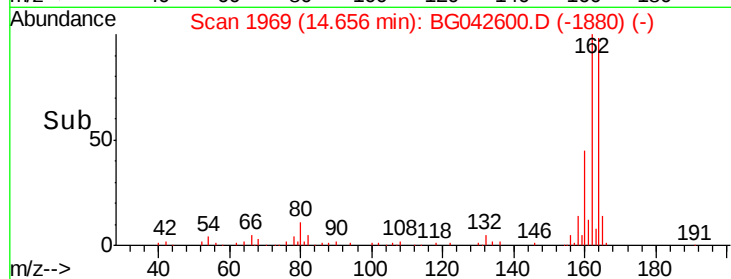
160 44.9 34.3 51.5



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: 178.971 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

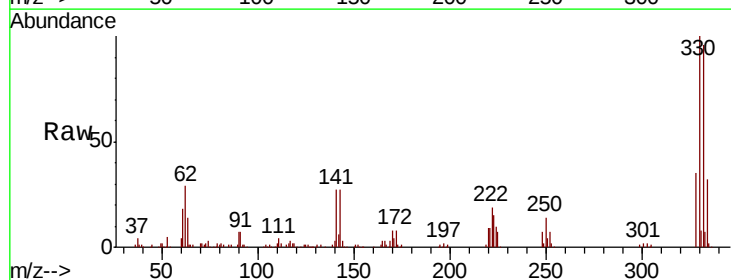
Tgt Ion:330 Resp: 259086

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

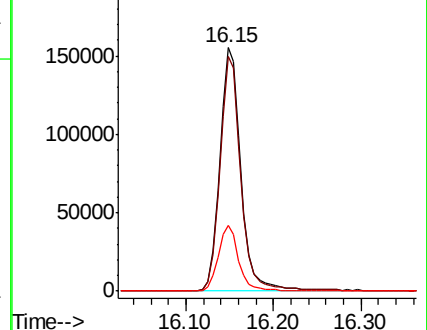
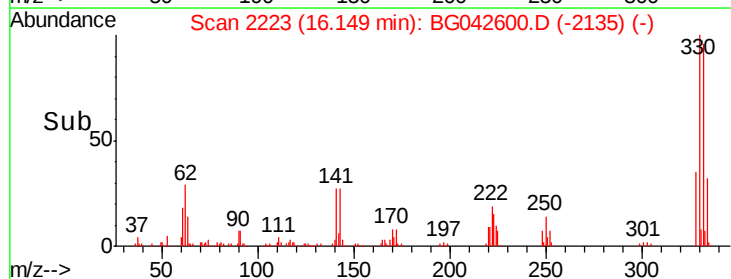
141 26.3 21.4 32.0



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

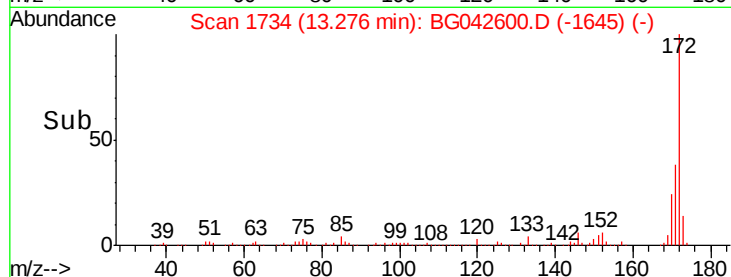
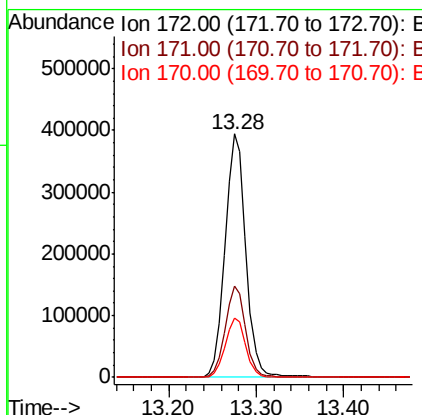
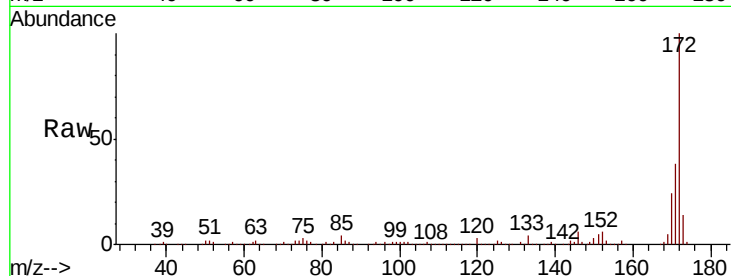




#45
2-Fluorobiphenyl
Concen: 106.897 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

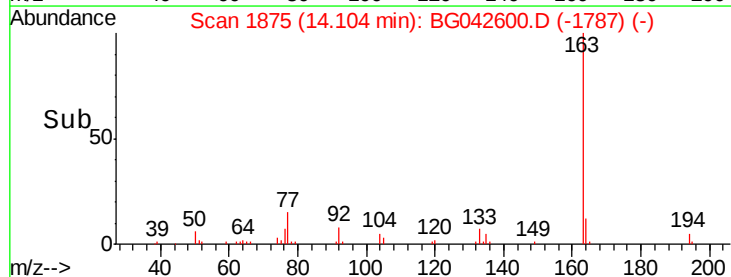
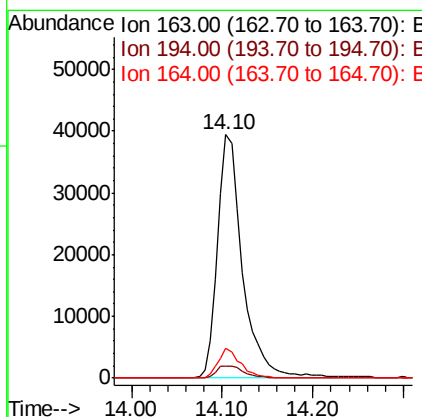
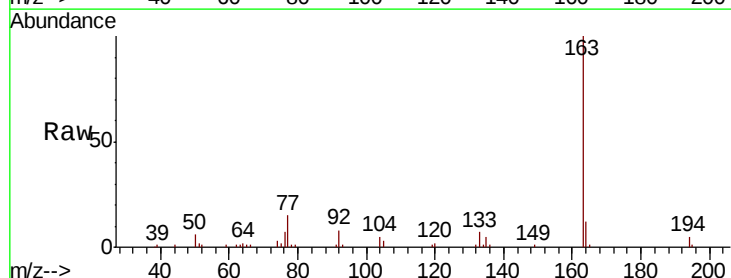
Instrument :
BNA_G
ClientSampleId :
S704-N-2.0-2.5-082119

Tot Ion:172 Resp: 643748
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 24.4 20.2 30.2



#50
Dimethylphthalate
Concen: 10.259 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042600.D
Acq: 30 Aug 2019 14:47

Tgt Ion:163 Resp: 75390
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 12.1 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

Instrument :

BNA_G

ClientSampleId :

S704-N-2.0-2.5-082119

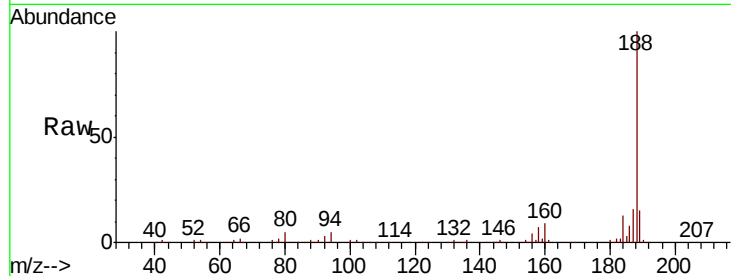
Tot Ion:188 Resp: 238608

Ion Ratio Lower Upper

188 100

94 5.0 4.5 6.7

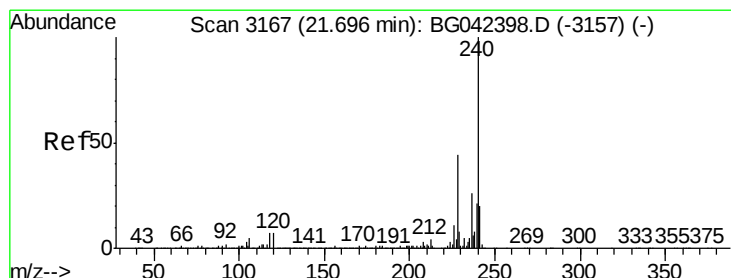
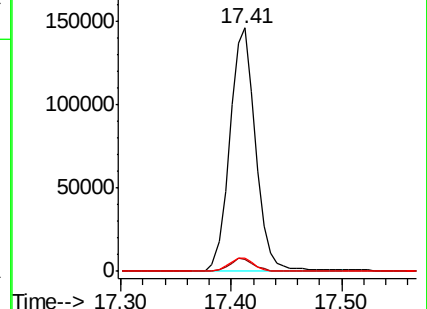
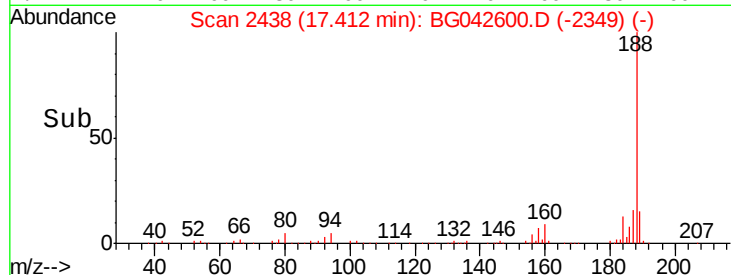
80 5.4 4.9 7.3



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: BG042600.D

Acq: 30 Aug 2019 14:47

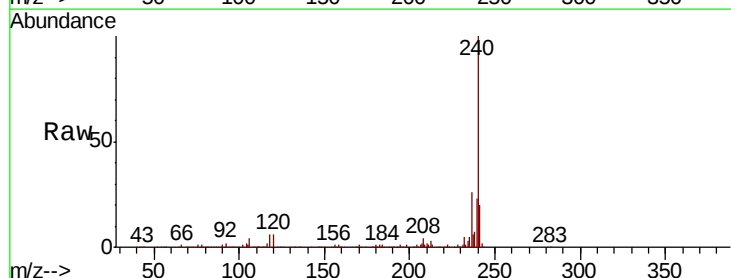
Tgt Ion:240 Resp: 266188

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

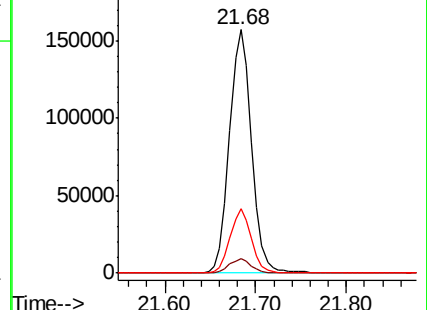
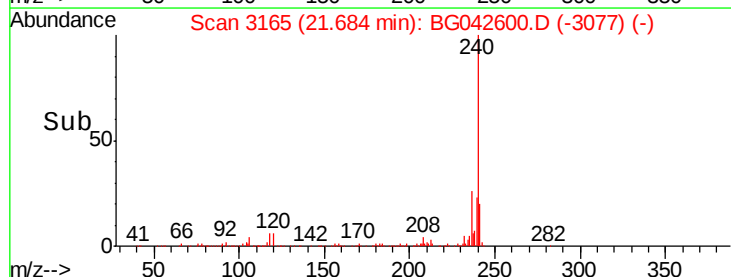
236 26.3 21.0 31.4



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: 92.030 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

Instrument :

BNA_G

ClientSampleId :

S704-N-2.0-2.5-082119

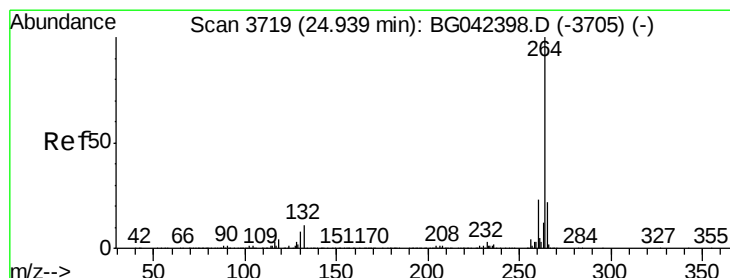
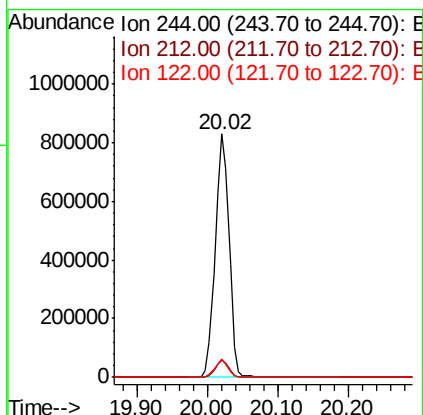
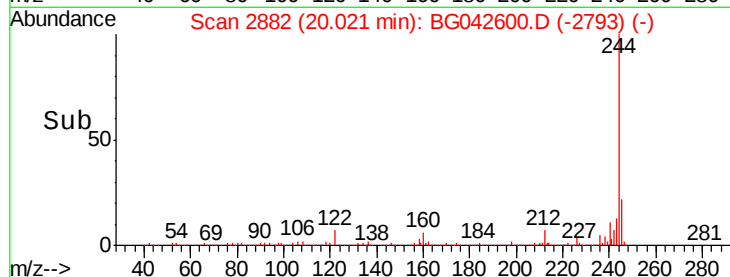
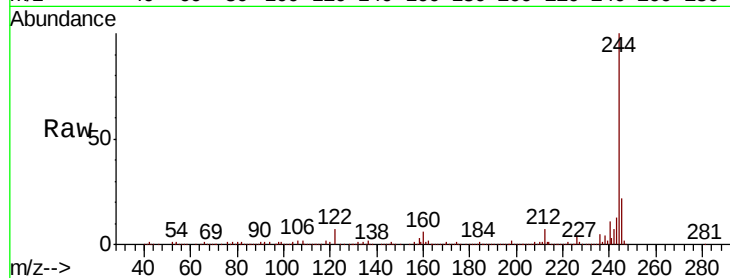
Tot Ion:244 Resp: 1133131

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.3 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042600.D

Acq: 30 Aug 2019 14:47

Tgt Ion:264 Resp: 311838

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.2 17.6 26.4

