

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042609.D
 Acq On : 30 Aug 2019 20:38
 Operator : HP/JU
 Sample : K4409-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-8.0-8.5-081919

Quant Time: Aug 30 23:54:34 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

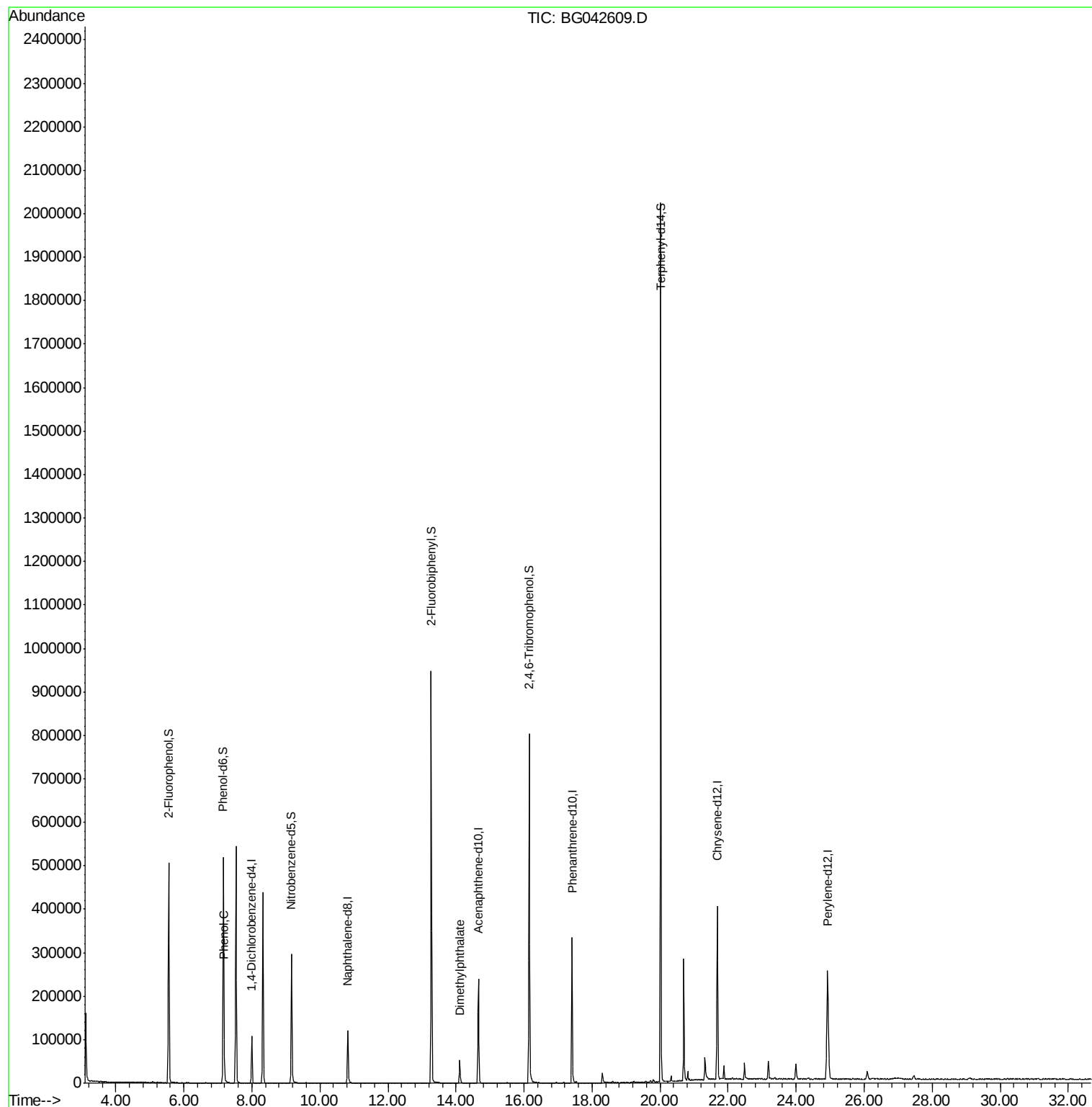
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35141	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	136096	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102182	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	243410	20.00	ng	0.00
76) Chrysene-d12	21.68	240	262657	20.00	ng	-0.02
87) Perylene-d12	24.92	264	309950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	256659	147.92	ng	0.00
7) Phenol-d6	7.16	99	338195	144.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	193239	98.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	217985	150.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	594992	98.48	ng	0.00
79) Terphenyl-d14	20.02	244	1071073	88.16	ng	0.00
Target Compounds						
10) Phenol	7.19	94	19492	8.180	ng	86
50) Dimethylphthalate	14.11	163	55588	7.540	ng	99

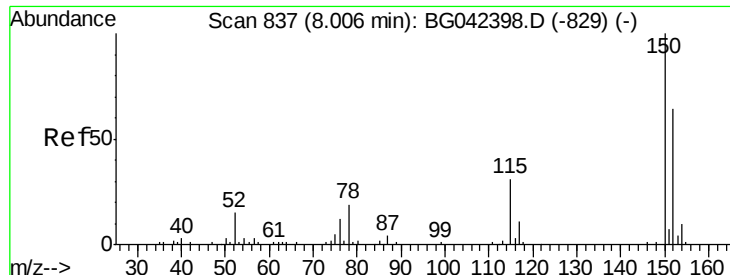
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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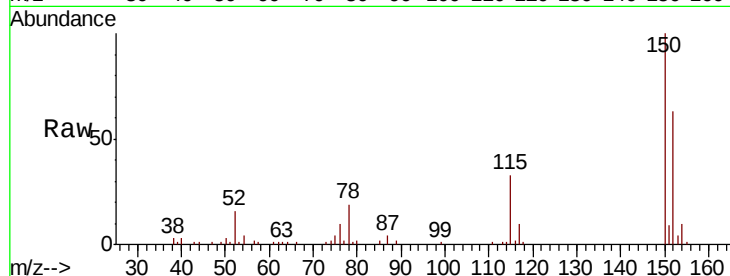


#1

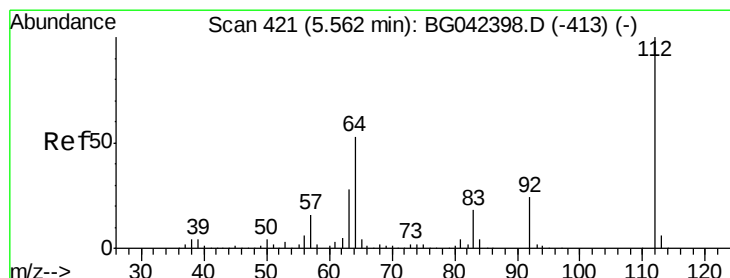
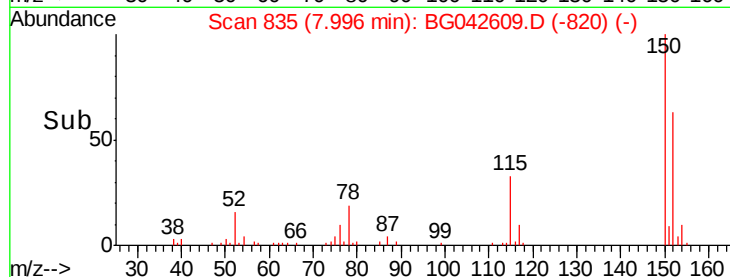
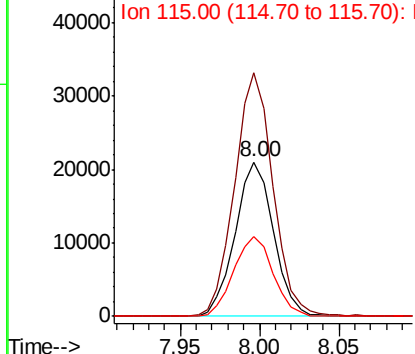
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Instrument :
BNA_G
ClientSampleId :
S301-S-8.0-8.5-081919

Tot Ion:152 Resp: 35141
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 51.4 38.5 57.7



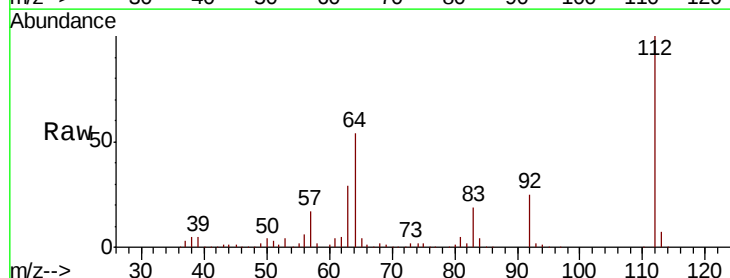
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



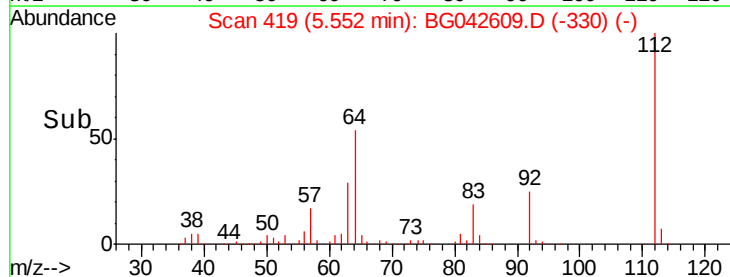
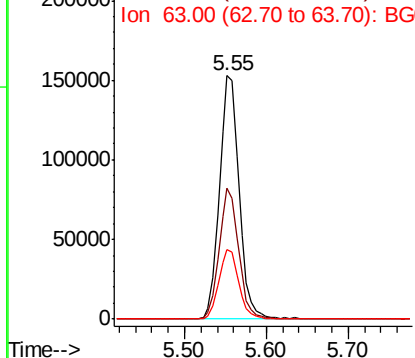
#5

2-Fluorophenol
Concen: 147.921 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion:112 Resp: 256659
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 28.8 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: 144.297 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Instrument :

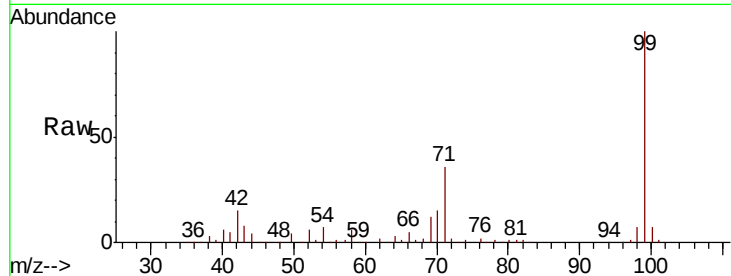
BNA_G

ClientSampleId :

S301-S-8.0-8.5-081919

Tot Ion: 99 Resp: 338195

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	36.3	26.3	39.5

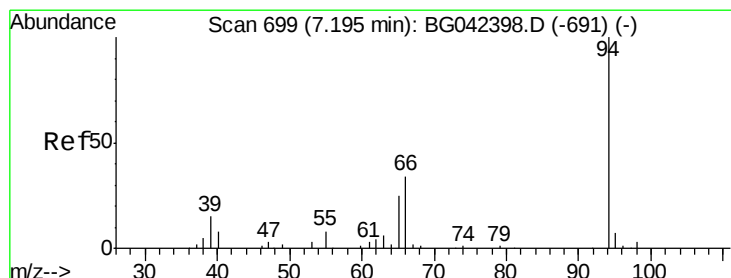
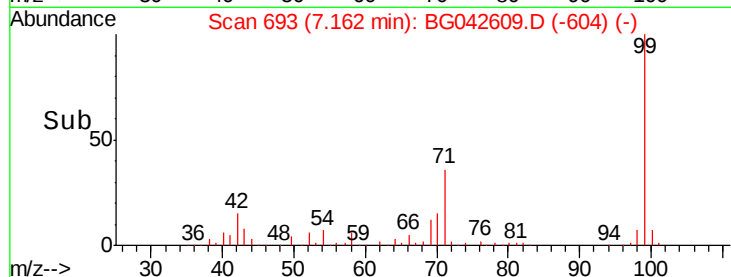
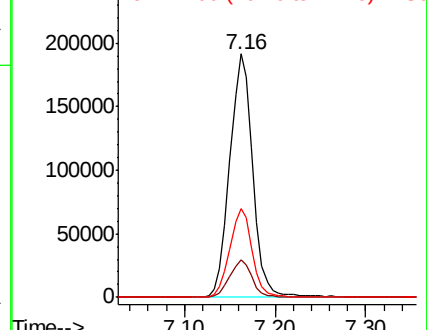


Abundance

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: 8.180 ng

RT: 7.19 min Scan# 697

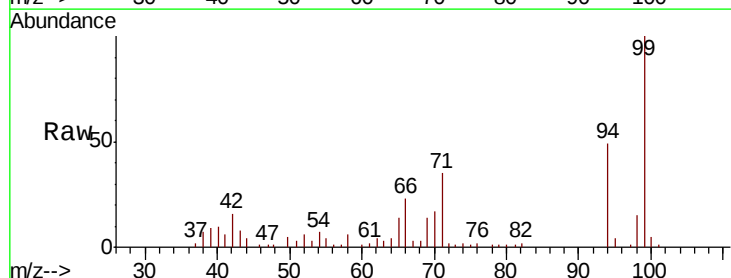
Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Tgt Ion: 94 Resp: 19492

Ion	Ratio	Lower	Upper
94	100		
65	29.2	5.6	45.6
66	47.2	16.0	56.0

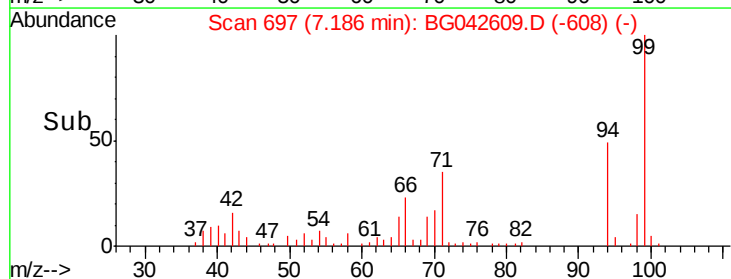
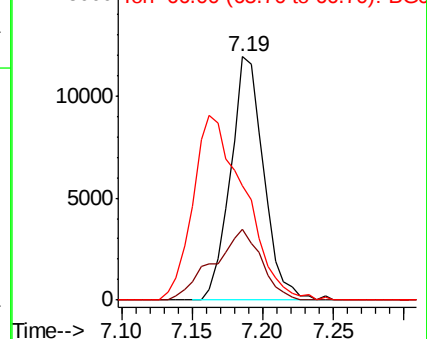


Abundance

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

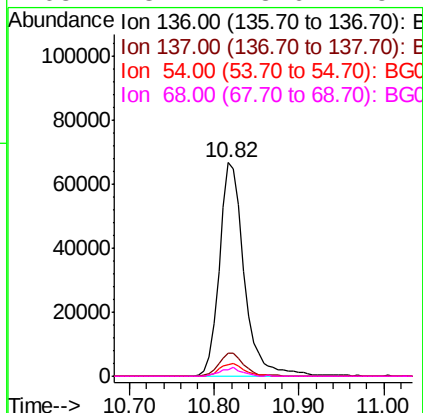
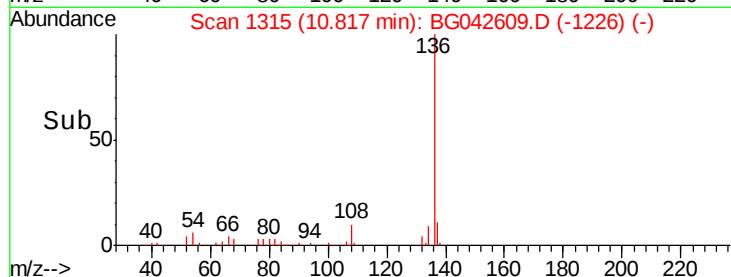
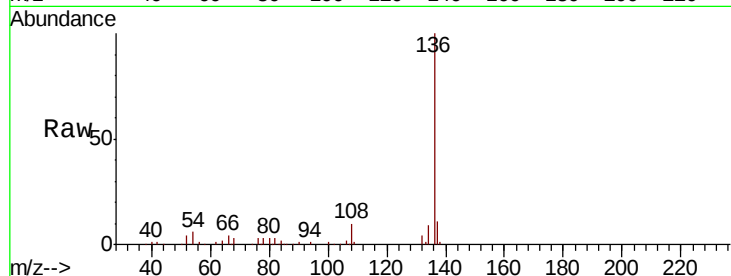




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

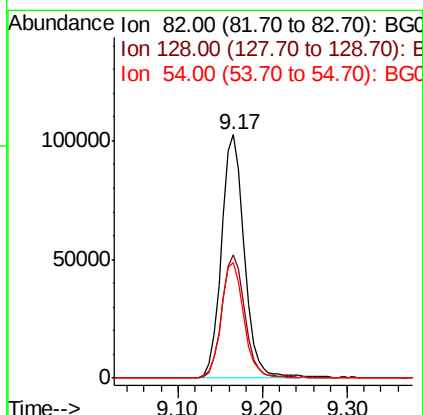
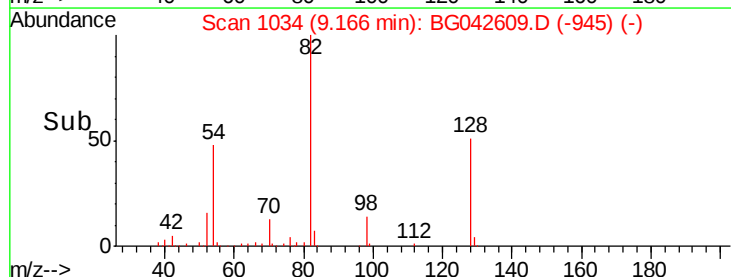
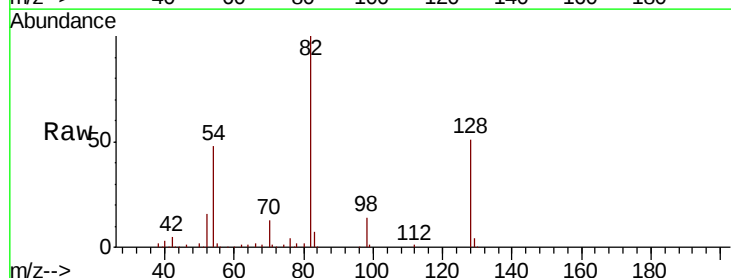
Instrument :
BNA_G
ClientSampleId :
S301-S-8.0-8.5-081919

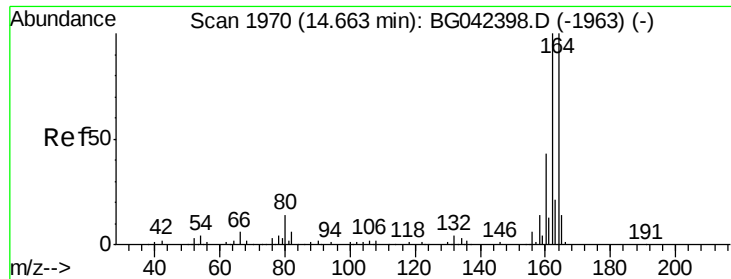
Tot Ion:136	Resp:	136096
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 5.6	4.9	7.3
68 3.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.119 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion: 82	Resp: 193239
Ion Ratio	Lower Upper
82 100	
128 50.8	40.7 61.1
54 47.7	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Instrument :

BNA_G

ClientSampleId :

S301-S-8.0-8.5-081919

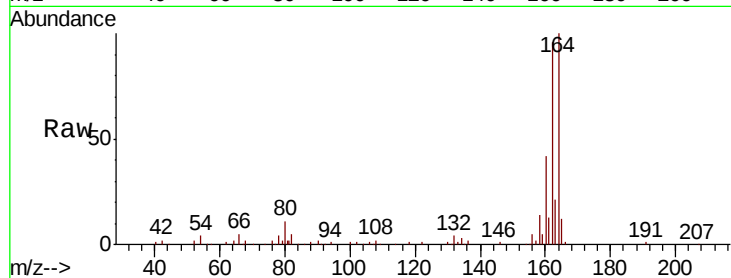
Tot Ion:164 Resp: 102182

Ion Ratio Lower Upper

164 100

162 96.0 79.9 119.9

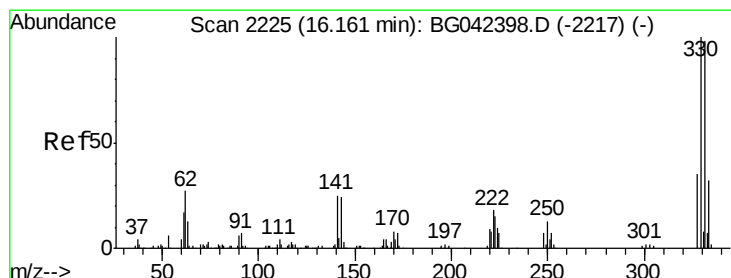
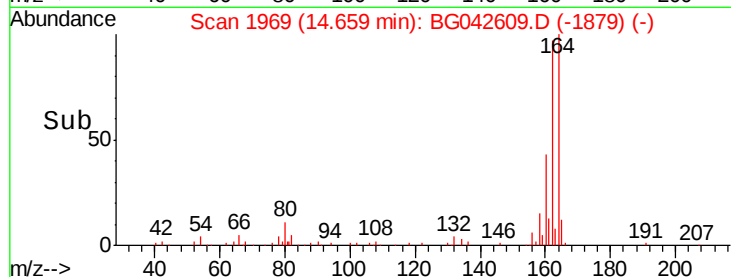
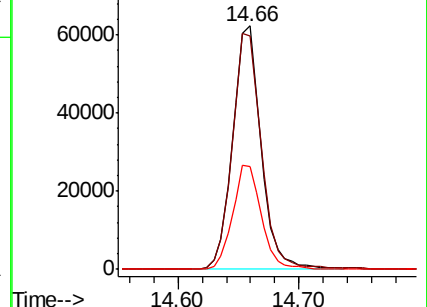
160 42.4 34.3 51.5



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: 150.091 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

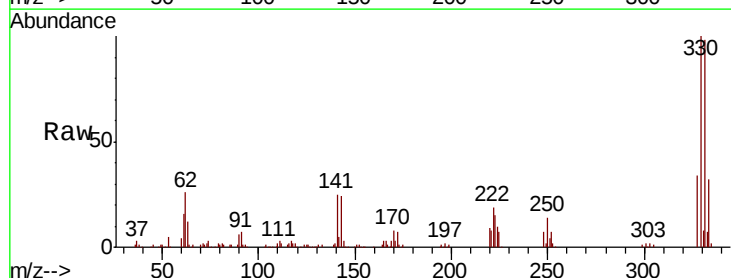
Tgt Ion:330 Resp: 217985

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

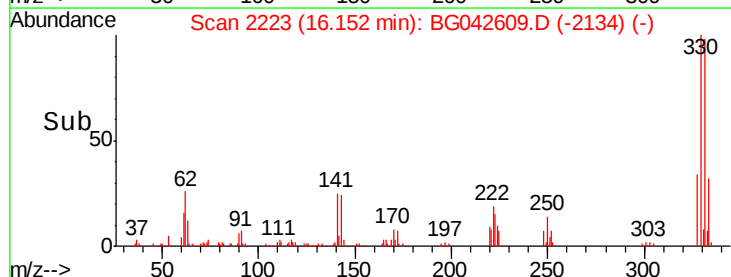
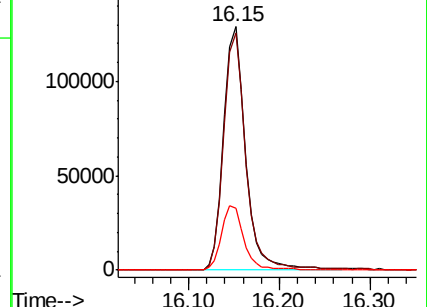
141 26.7 21.4 32.0

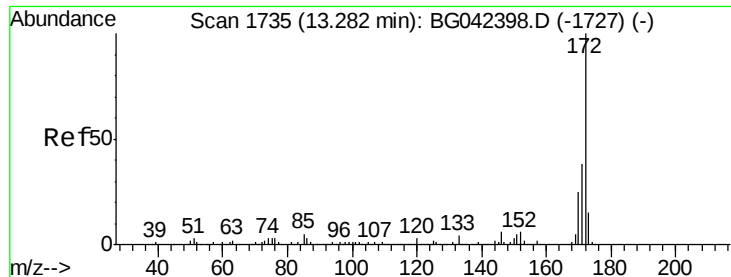


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

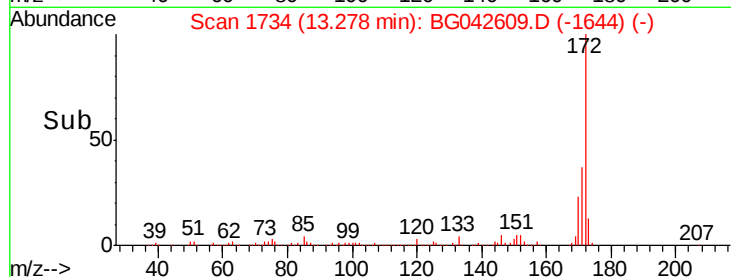
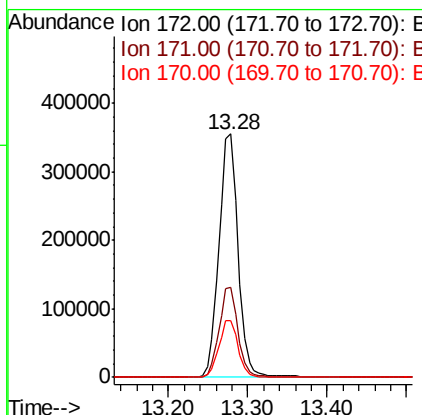
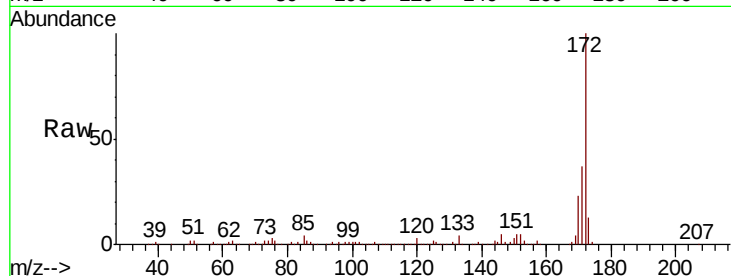




#45
2-Fluorobiphenyl
Concen: 98.481 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

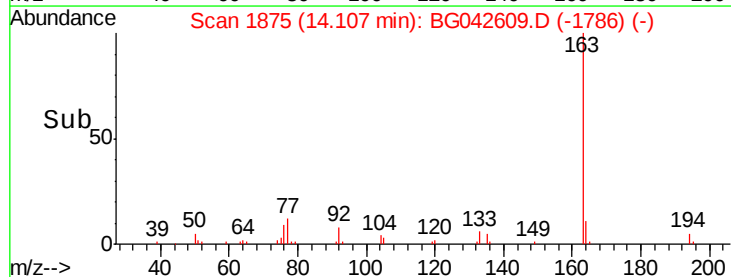
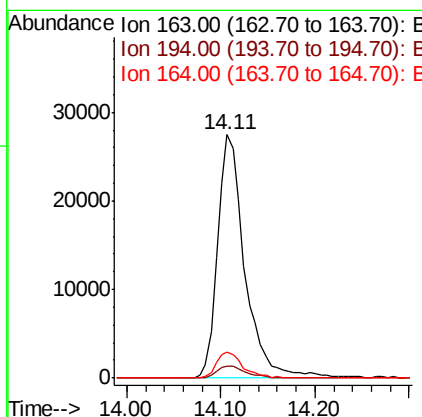
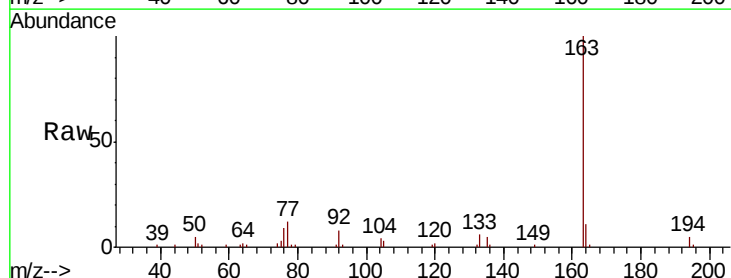
Instrument :
BNA_G
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S301-S-8.0-8.5-081919

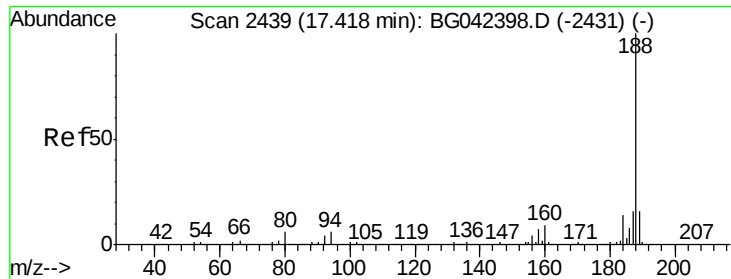
Tot Ion:172 Resp: 594992
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 23.4 20.2 30.2



#50
Dimethylphthalate
Concen: 7.540 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion:163 Resp: 55588
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 10.8 8.8 13.2

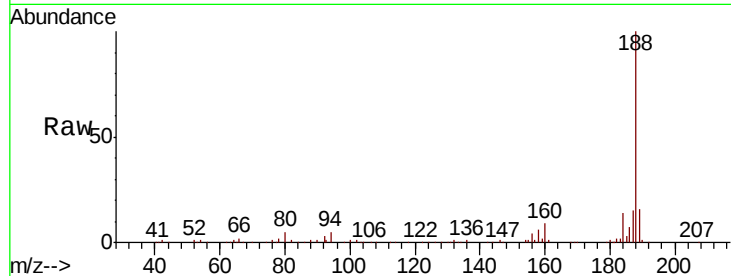




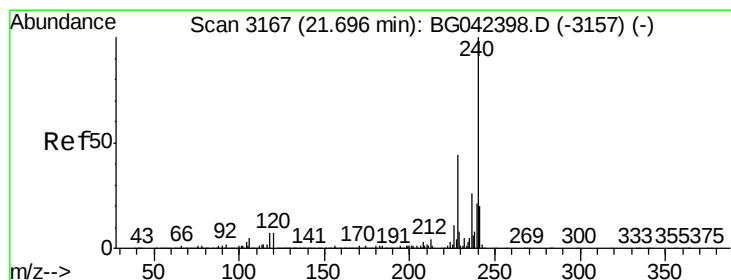
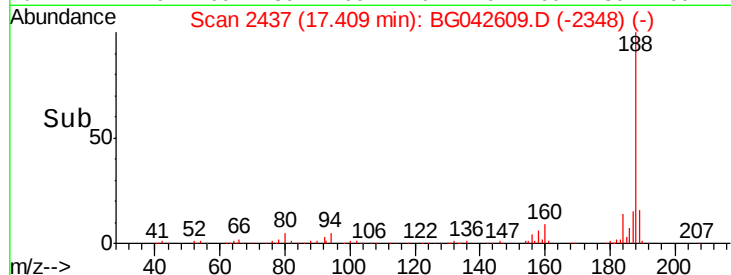
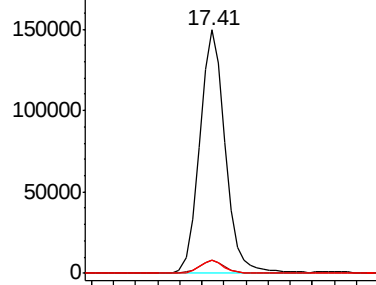
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Instrument :
BNA_G
ClientSampleId :
S301-S-8.0-8.5-081919

Tot Ion:188 Resp: 243410
Ion Ratio Lower Upper
188 100
94 5.5 4.5 6.7
80 5.4 4.9 7.3

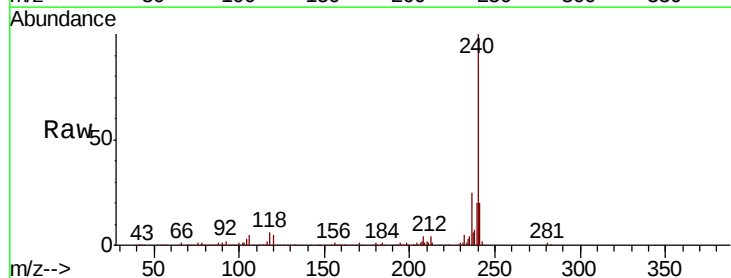


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

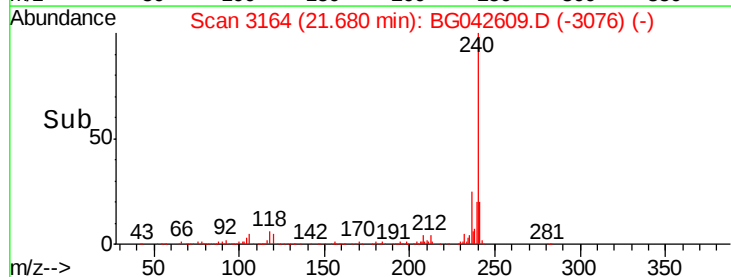
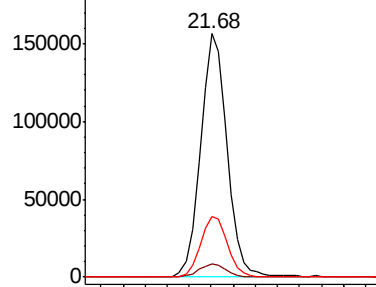


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion:240 Resp: 262657
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 25.0 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: 88.160 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Instrument :

BNA_G

ClientSampleId :

S301-S-8.0-8.5-081919

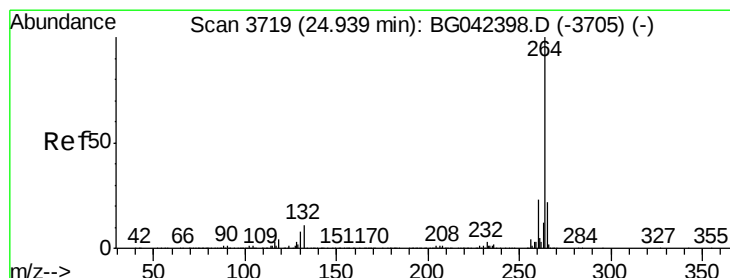
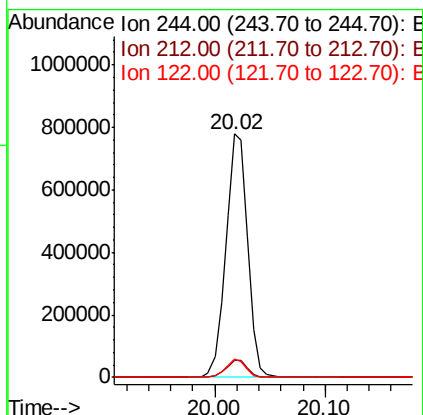
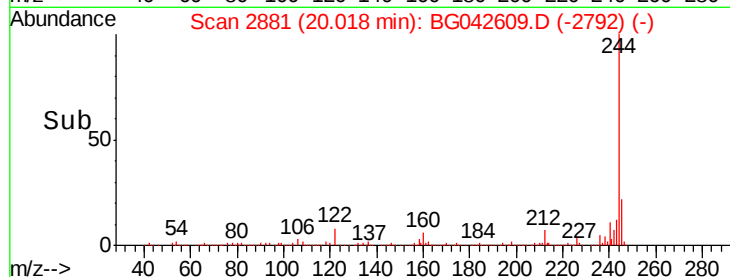
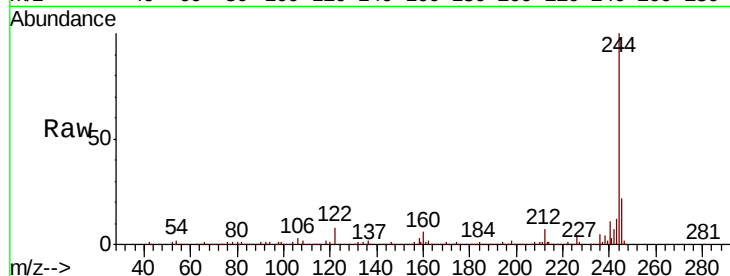
Tot Ion:244 Resp: 1071073

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 7.6 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: BG042609.D

Acq: 30 Aug 2019 20:38

Tgt Ion:264 Resp: 309950

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.0 17.6 26.4

