

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042757.D
 Acq On : 6 Sep 2019 21:09
 Operator : HP/JU
 Sample : K4722-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S703-A1-N-0.0-0.5-090519

Quant Time: Sep 07 01:58:03 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

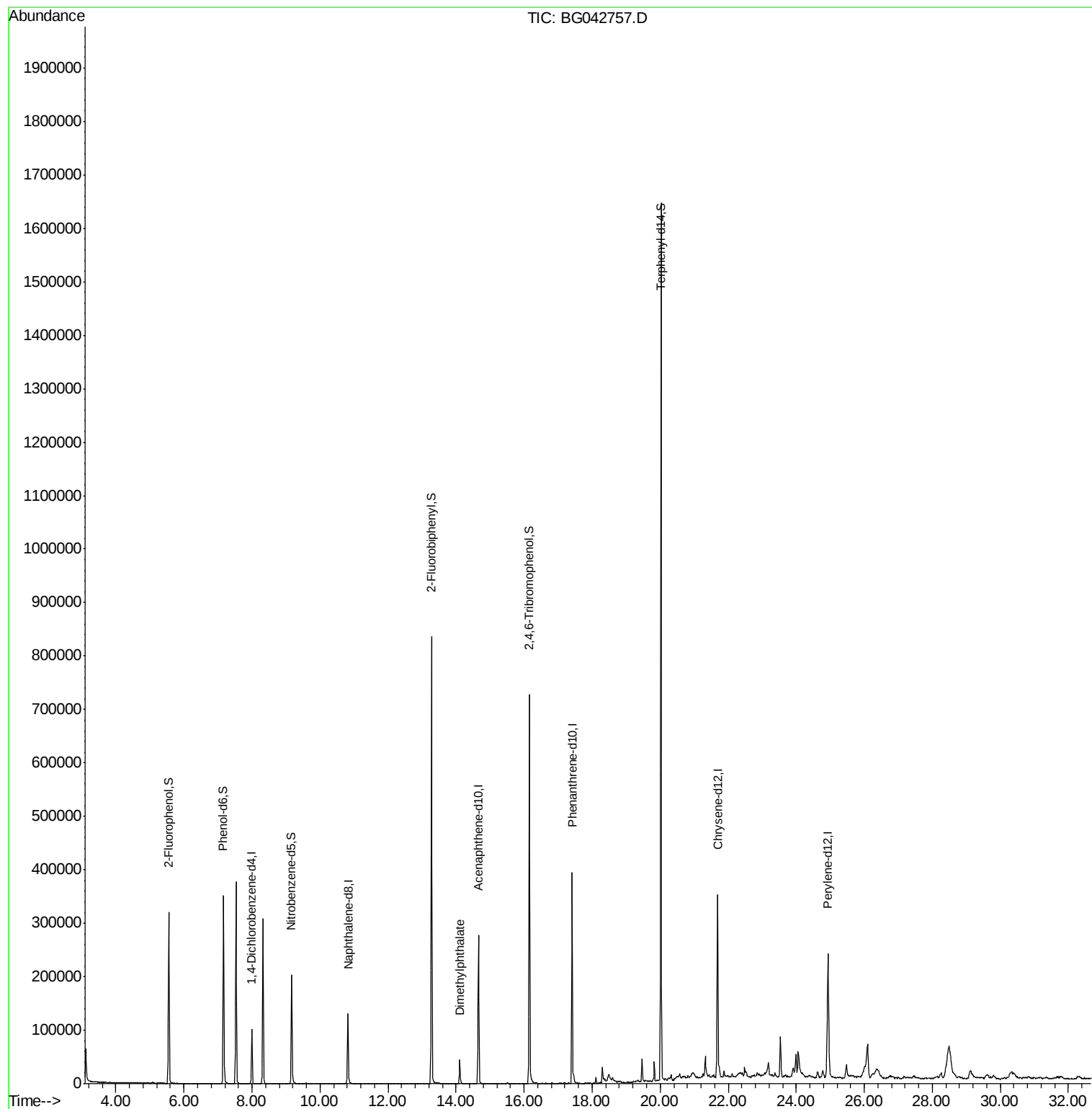
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33135	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	140256	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	117275	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	279922	20.00	ng	0.00
76) Chrysene-d12	21.69	240	230324	20.00	ng	0.00
87) Perylene-d12	24.93	264	270600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167215	102.21	ng	0.00
7) Phenol-d6	7.16	99	235456	106.54	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133392	65.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	191326	114.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	501892	72.38	ng	0.00
79) Terphenyl-d14	20.02	244	842652	79.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	44864	5.302	ng	Qvalue 98

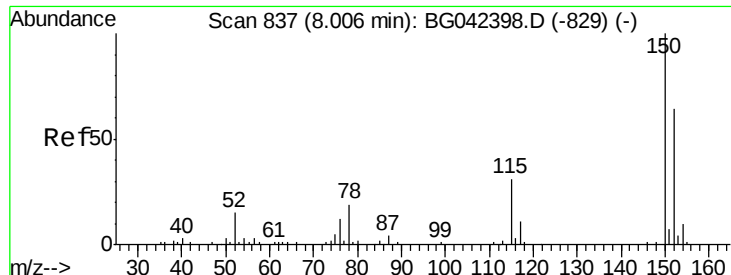
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_G

ClientSampleId :

S703-A1-N-0.0-0.5-090519

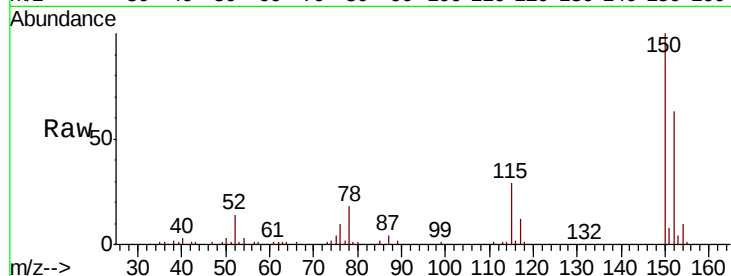
Tot Ion:152 Resp: 33135

Ion Ratio Lower Upper

152 100

150 158.0 125.4 188.0

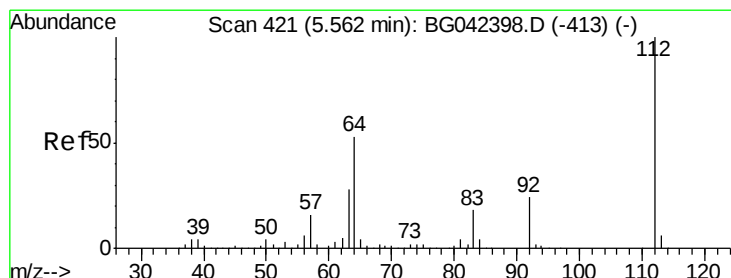
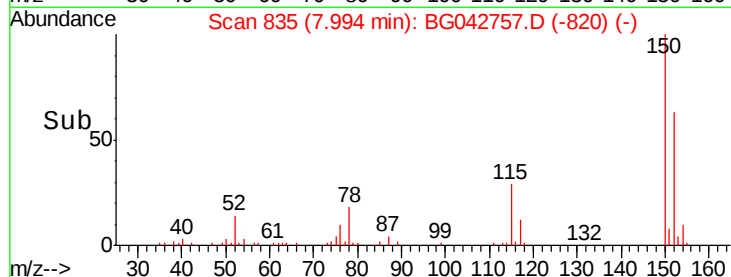
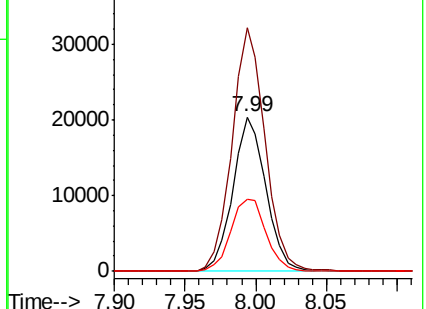
115 46.6 38.5 57.7



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: 102.206 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

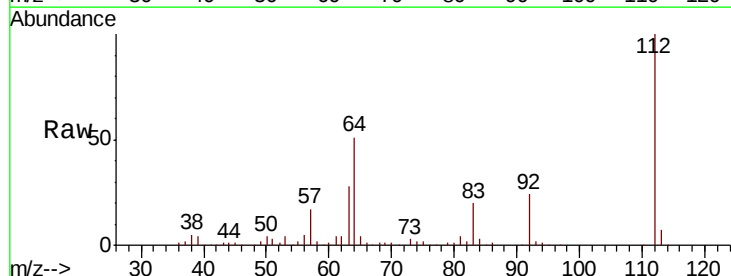
Tgt Ion:112 Resp: 167215

Ion Ratio Lower Upper

112 100

64 51.3 42.8 64.2

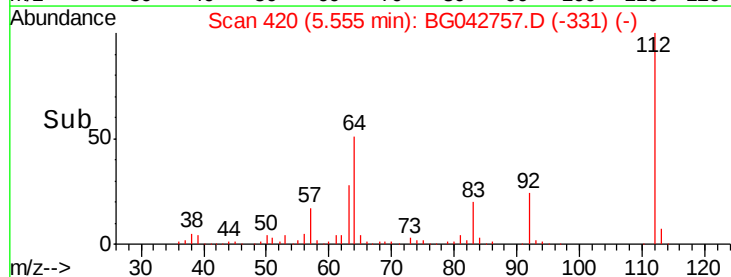
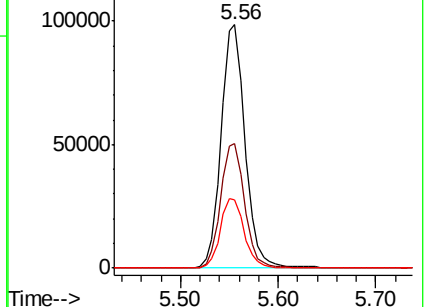
63 28.2 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.544 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S703-A1-N-0.0-0.5-090519

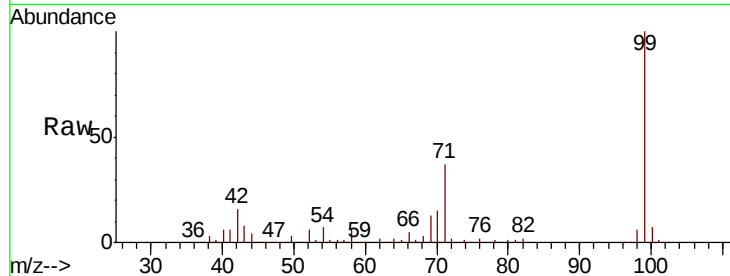
Tot Ion: 99 Resp: 235456

Ion Ratio Lower Upper

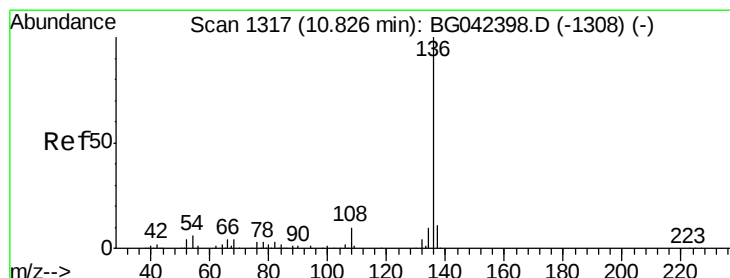
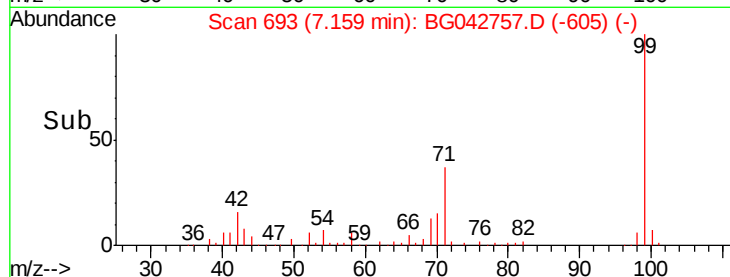
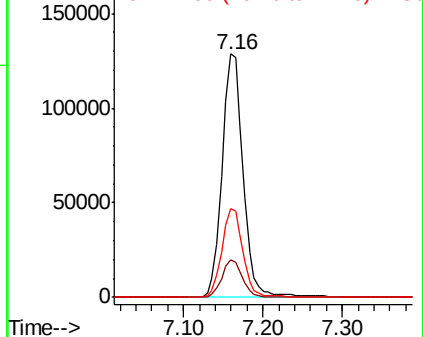
99 100

42 15.5 12.0 18.0

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Tgt Ion: 136 Resp: 140256

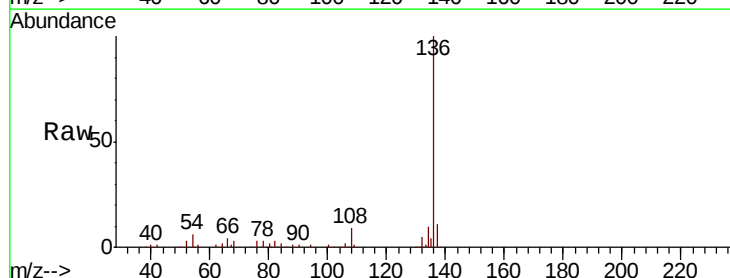
Ion Ratio Lower Upper

136 100

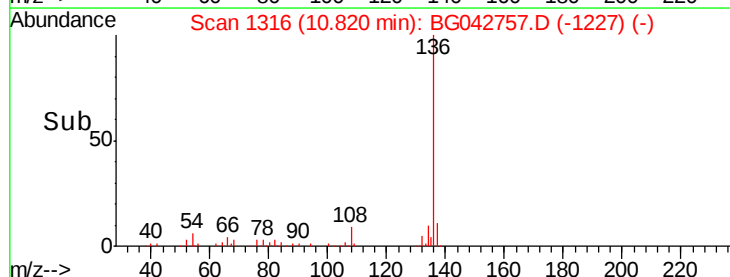
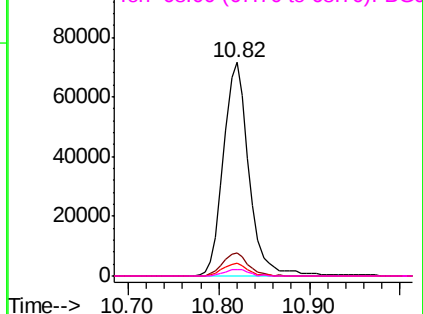
137 10.8 8.7 13.1

54 5.8 4.9 7.3

68 3.1 3.6 5.4#



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

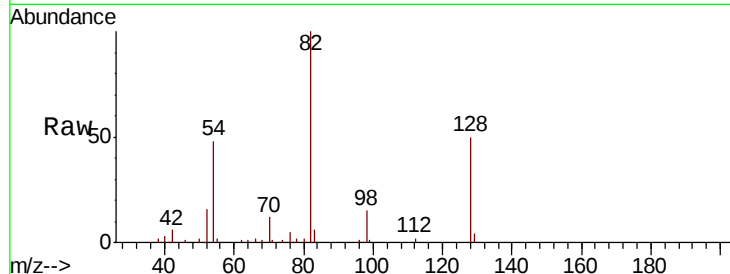




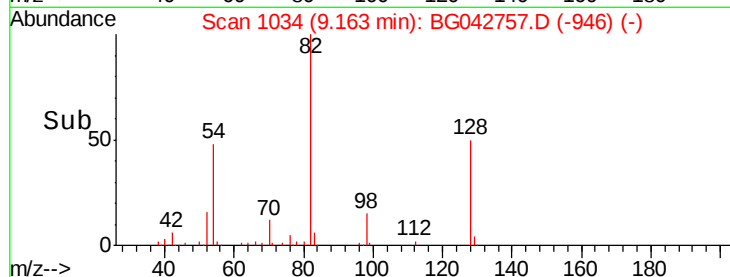
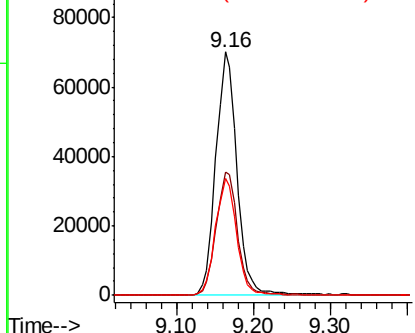
#23
Nitrobenzene-d5
Concen: 65.722 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Instrument :
BNA_G
ClientSampleId :
S703-A1-N-0.0-0.5-090519

Tot Ion: 82 Resp: 133392
Ion Ratio Lower Upper
82 100
128 50.4 40.7 61.1
54 48.0 36.3 54.5

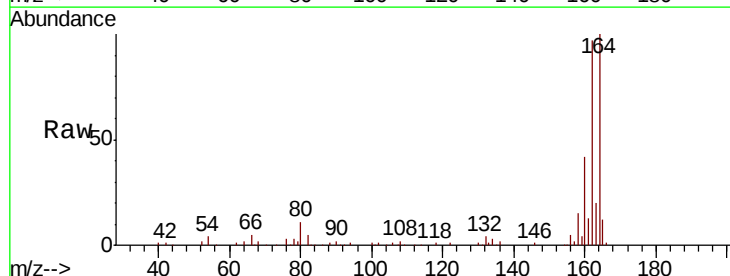


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

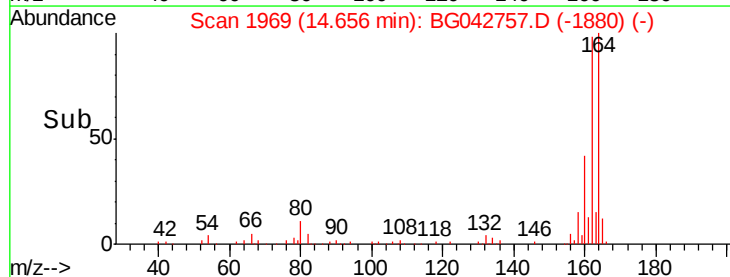
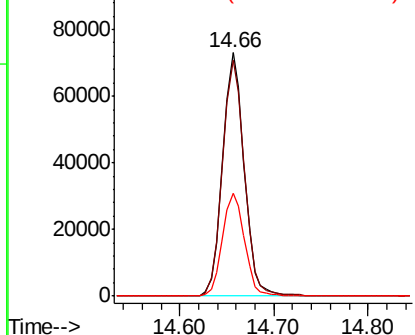


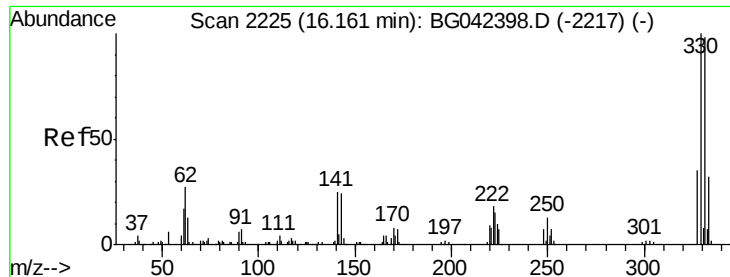
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Tgt Ion: 164 Resp: 117275
Ion Ratio Lower Upper
164 100
162 97.1 79.9 119.9
160 42.2 34.3 51.5



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





#42

2,4,6-Tribromophenol

Concen: 114.781 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S703-A1-N-0.0-0.5-090519

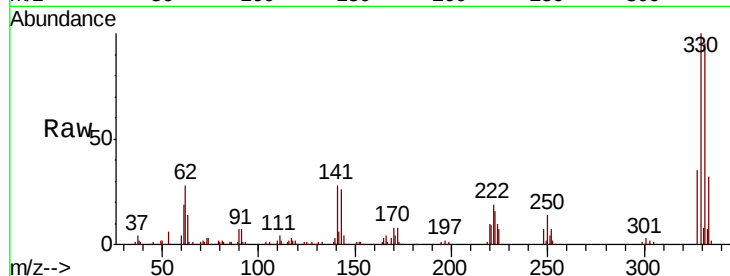
Tot Ion:330 Resp: 191326

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

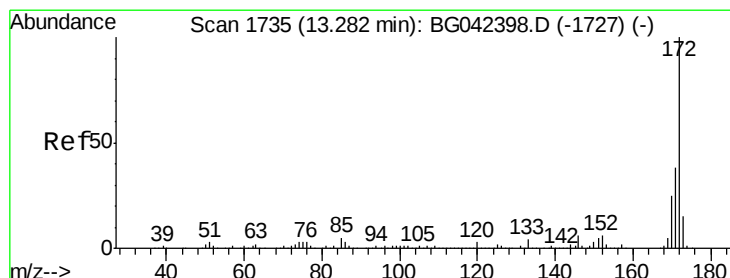
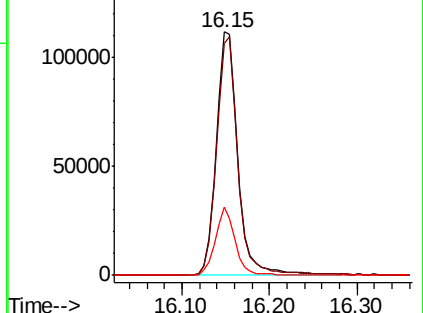
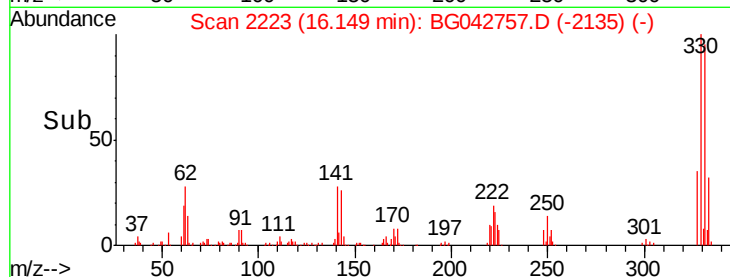
141 25.7 21.4 32.0



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: 72.380 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

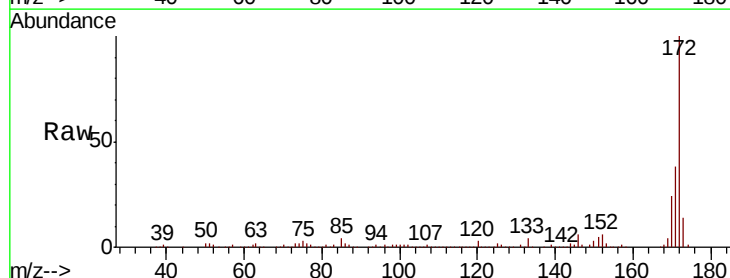
Tgt Ion:172 Resp: 501892

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

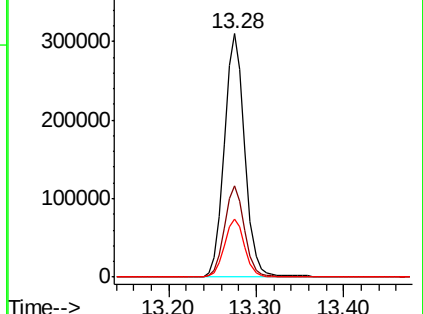
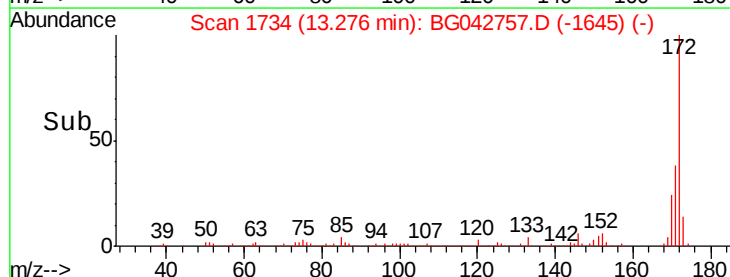
170 24.0 20.2 30.2

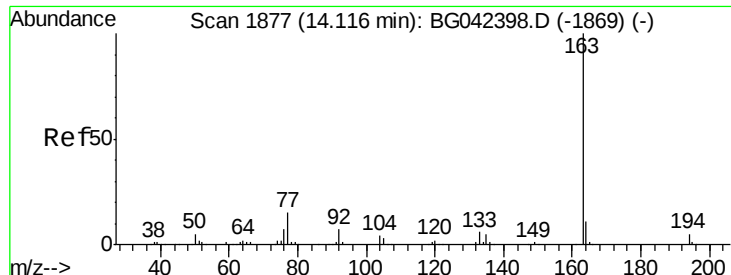


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.302 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Instrument :

BNA_G

ClientSampleId :

S703-A1-N-0.0-0.5-090519

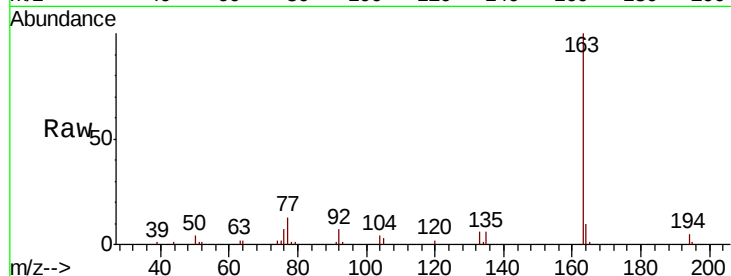
Tot Ion:163 Resp: 44864

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

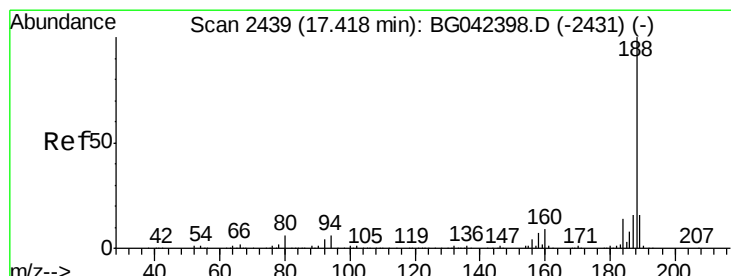
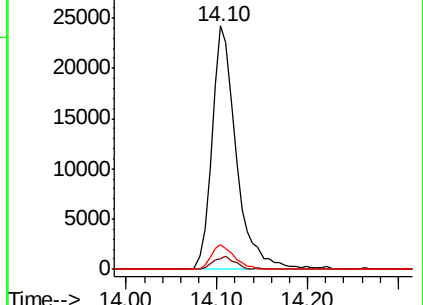
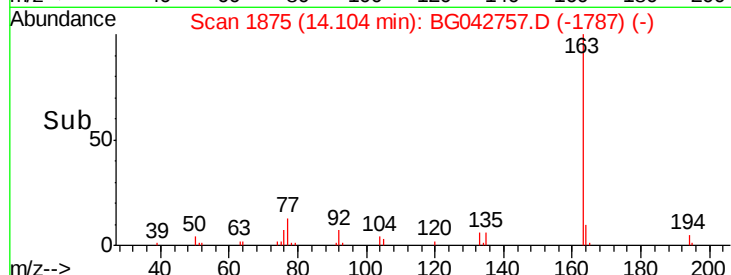
164 10.0 8.8 13.2



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: BG042757.D

Acq: 6 Sep 2019 21:09

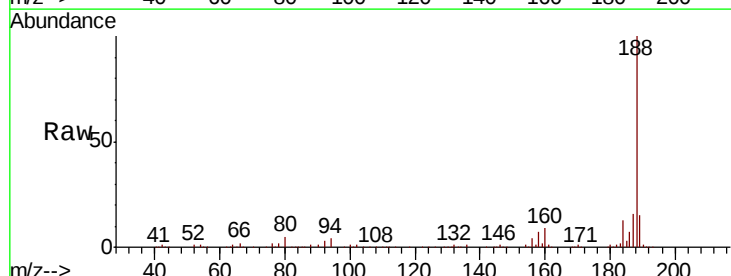
Tgt Ion:188 Resp: 279922

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7#

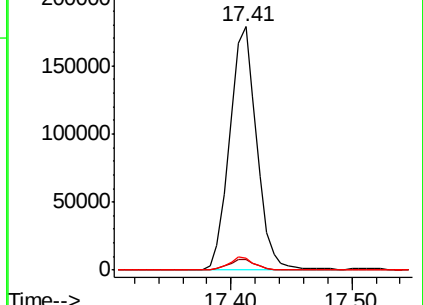
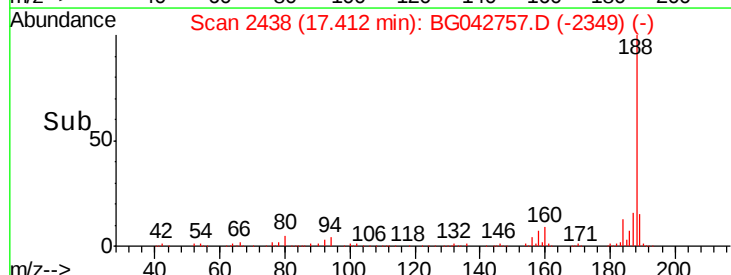
80 4.8 4.9 7.3#

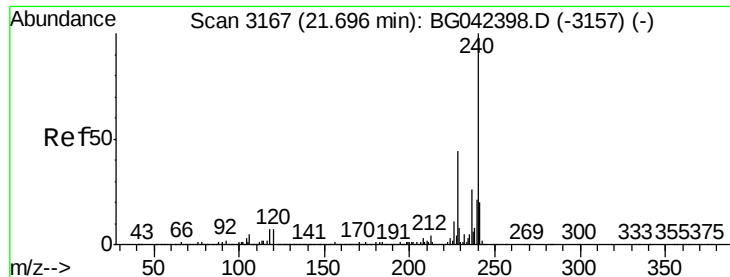


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

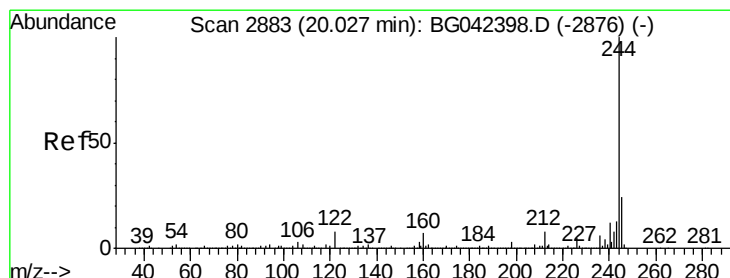
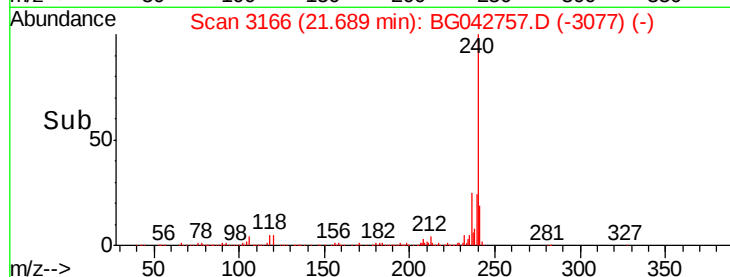
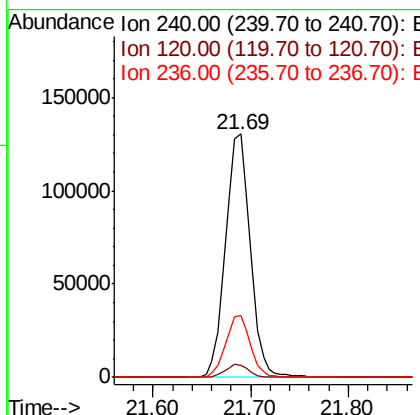
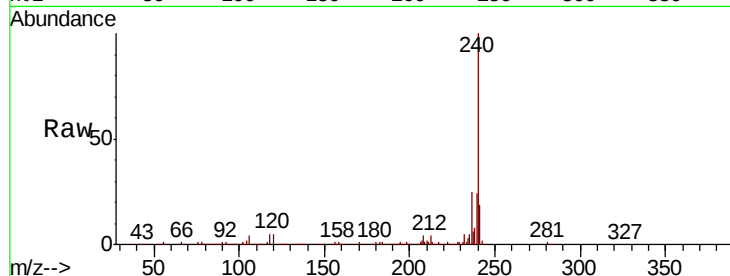




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

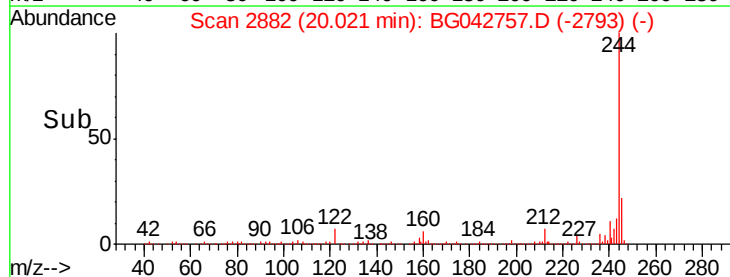
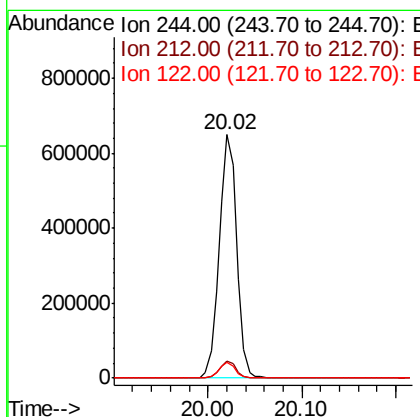
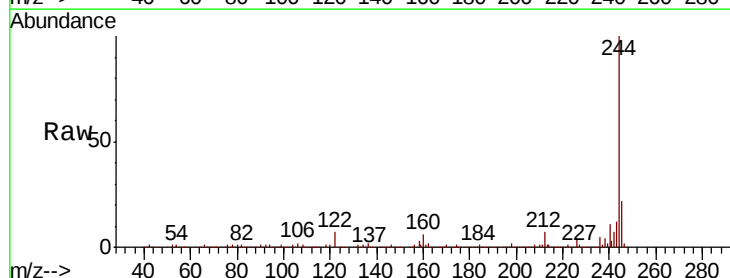
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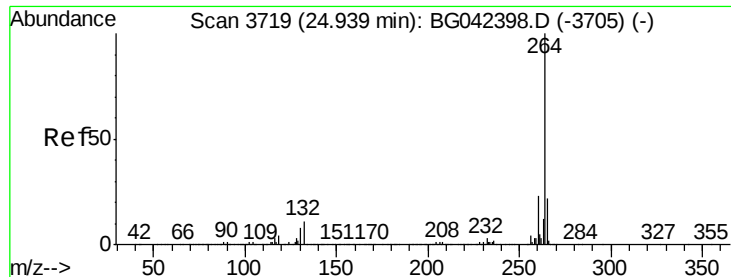
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	25.3	21.0	31.4



#79
 Terphenyl-d14
 Concen: 79.095 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	6.7	6.7	10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :
 S703-A1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.5	27.7
265	21.6	17.6	26.4

