

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042582.D
 Acq On : 30 Aug 2019 1:57
 Operator : HP/JU
 Sample : K4596-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-4-082819

Quant Time: Aug 30 06:27:40 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

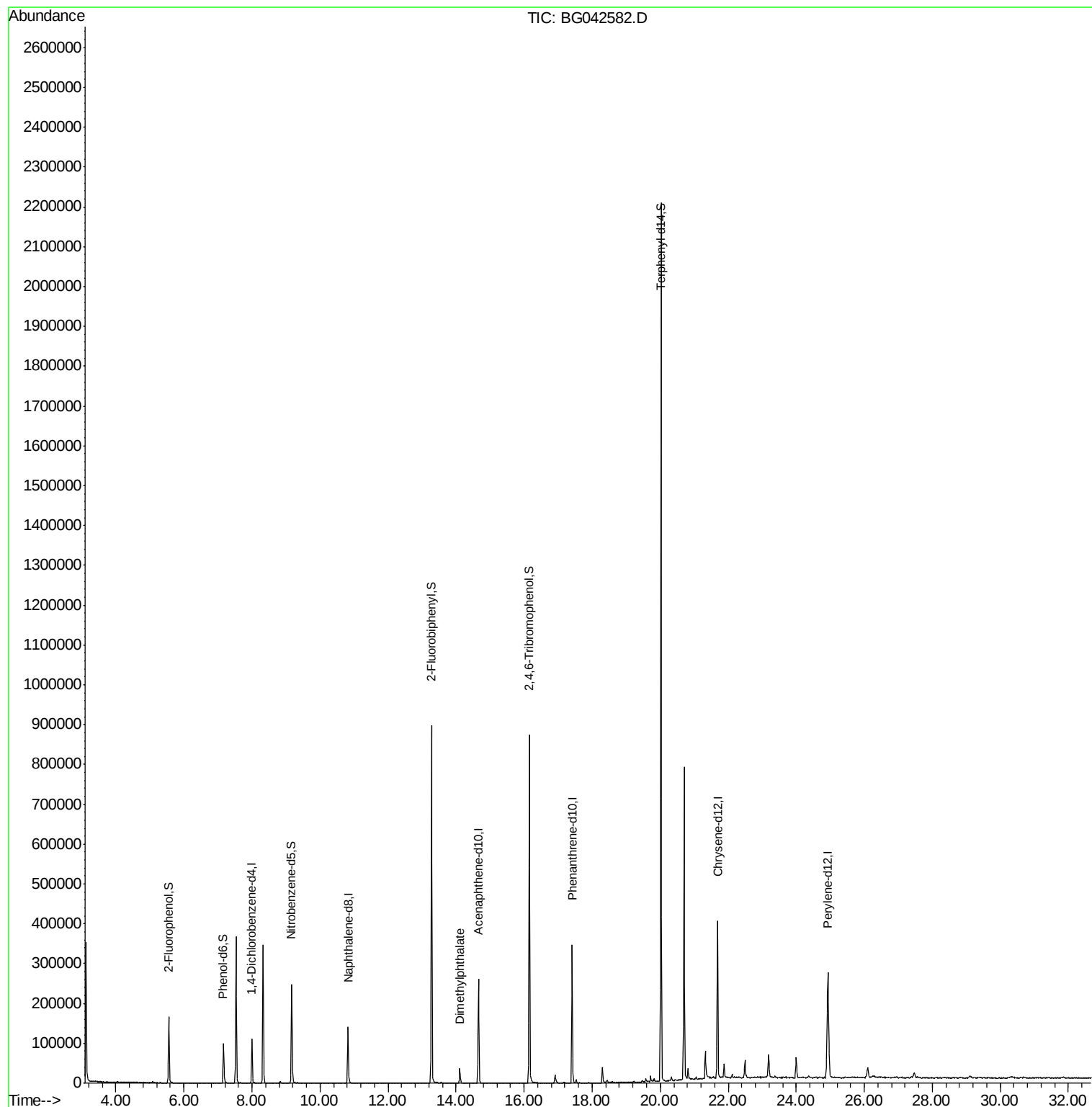
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37670	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143948	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	106675	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253744	20.00	ng	0.00
76) Chrysene-d12	21.68	240	261142	20.00	ng	-0.01
87) Perylene-d12	24.93	264	309363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	87360	46.97	ng	0.00
7) Phenol-d6	7.16	99	72840	28.99	ng	-0.01
23) Nitrobenzene-d5	9.16	82	167181	80.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	218834	144.33	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	554407	87.90	ng	0.00
79) Terphenyl-d14	20.03	244	1208197	100.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	37897	4.924	ng	Qvalue 99

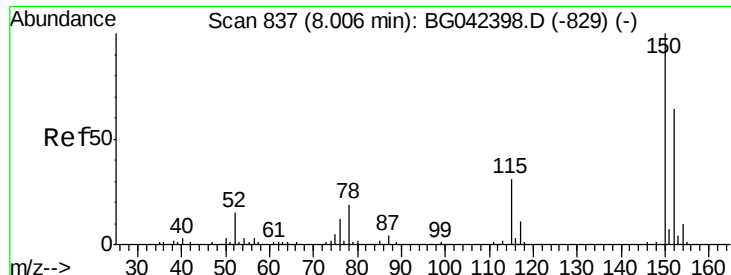
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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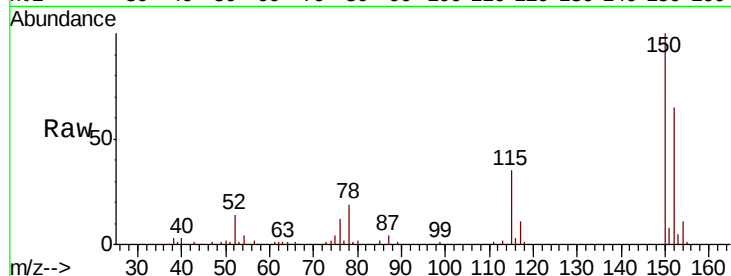


#1

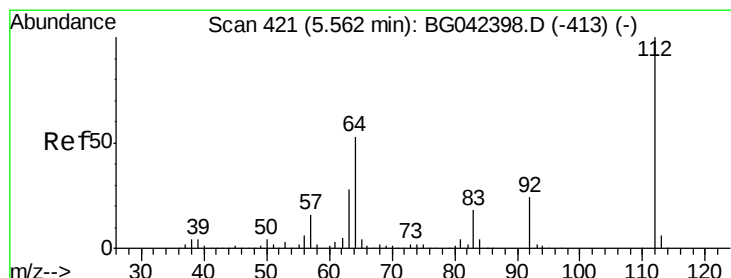
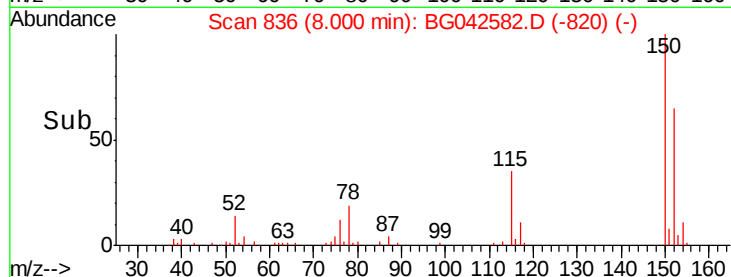
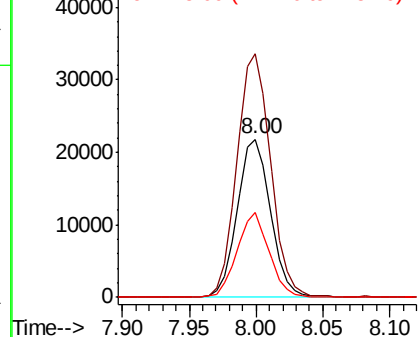
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042582.D
Acq: 30 Aug 2019 1:57

Instrument :
BNA_G
ClientSampleId :
EB-4-082819

Tot Ion:152 Resp: 37670
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.0
115 54.1 38.5 57.7



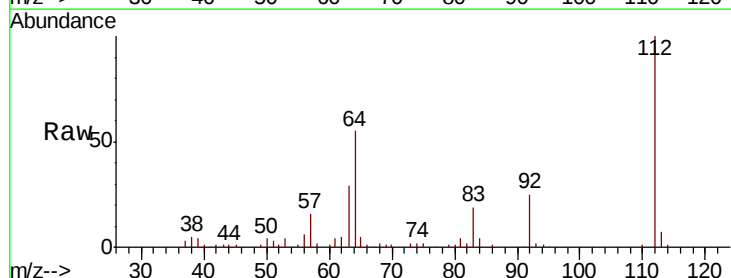
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



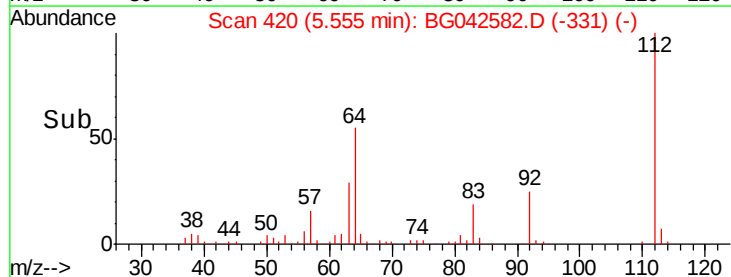
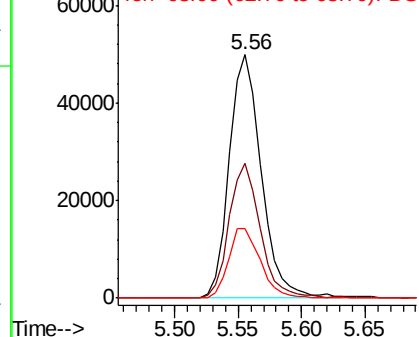
#5

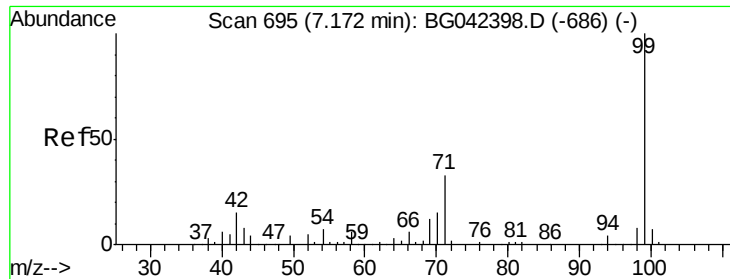
2-Fluorophenol
Concen: 46.968 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042582.D
Acq: 30 Aug 2019 1:57

Tgt Ion:112 Resp: 87360
Ion Ratio Lower Upper
112 100
64 55.2 42.8 64.2
63 28.7 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: 28.992 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042582.D

Acq: 30 Aug 2019 1:57

Instrument :

BNA_G

ClientSampleId :

EB-4-082819

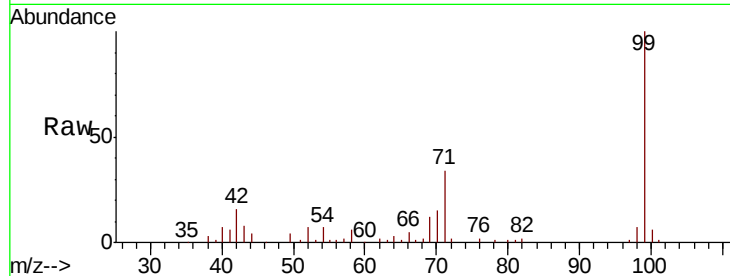
Tot Ion: 99 Resp: 72840

Ion Ratio Lower Upper

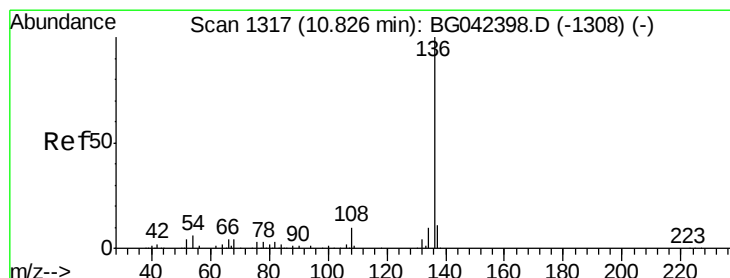
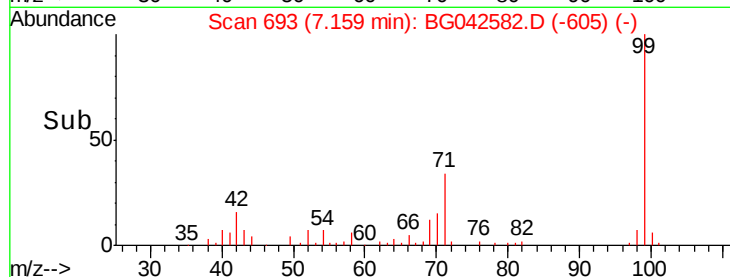
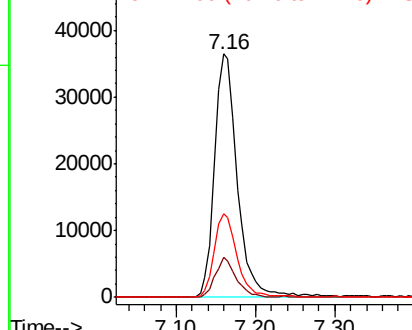
99 100

42 16.4 12.0 18.0

71 34.4 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: BG042582.D

Acq: 30 Aug 2019 1:57

Tgt Ion: 136 Resp: 143948

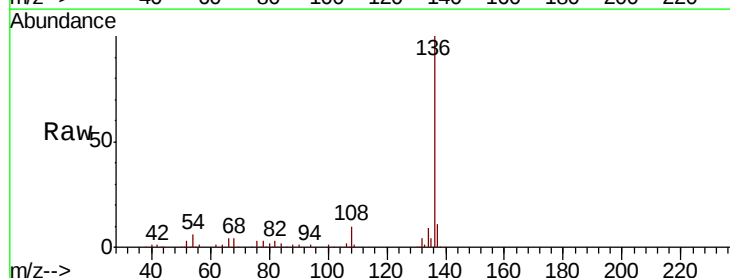
Ion Ratio Lower Upper

136 100

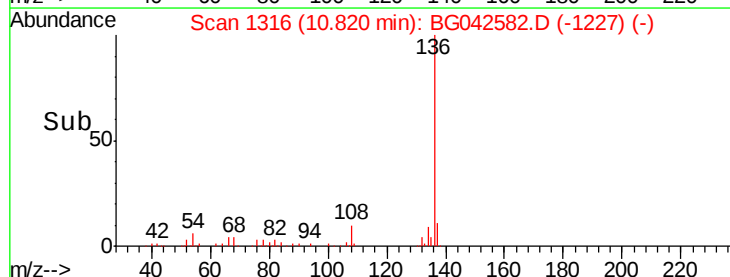
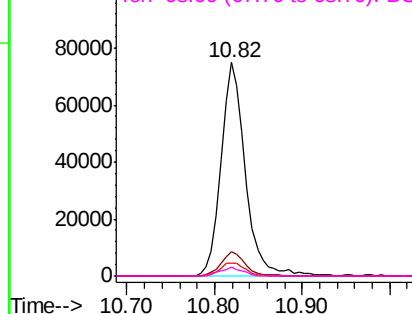
137 11.1 8.7 13.1

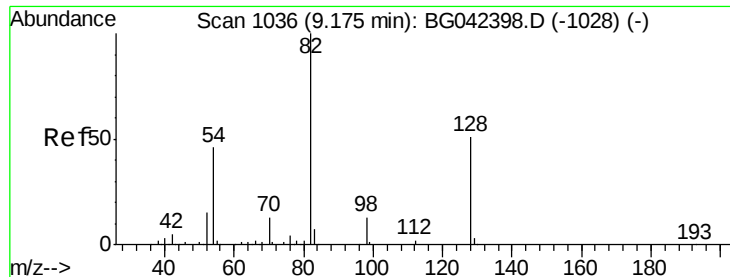
54 6.0 4.9 7.3

68 4.2 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

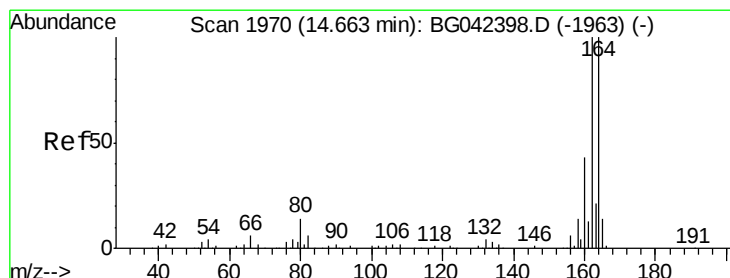
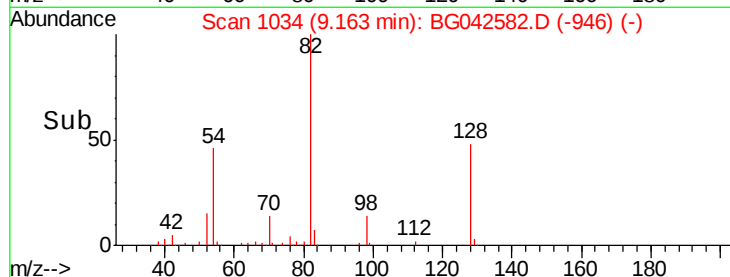
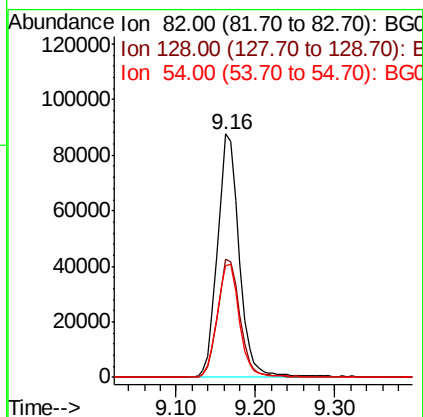
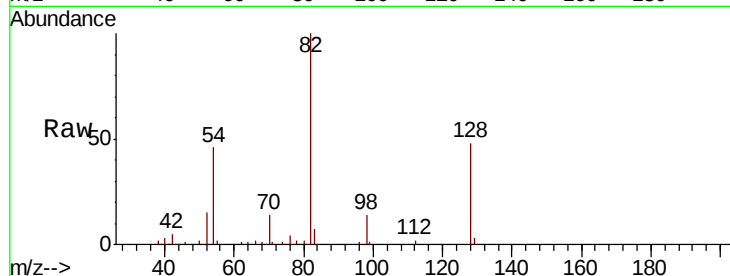




#23
Nitrobenzene-d5
Concen: 80.257 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042582.D
Acq: 30 Aug 2019 1:57

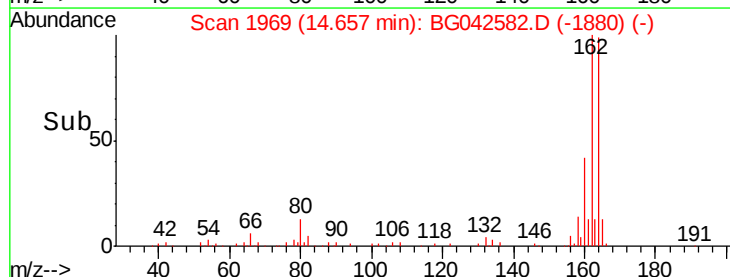
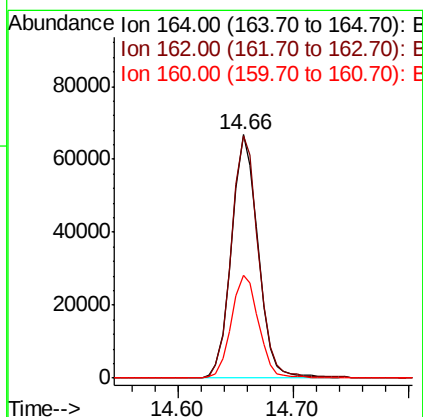
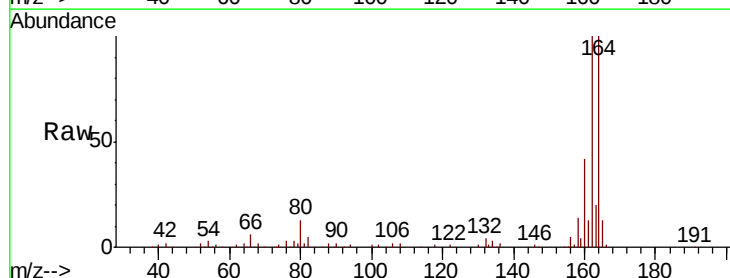
Instrument :
BNA_G
ClientSampleId :
EB-4-082819

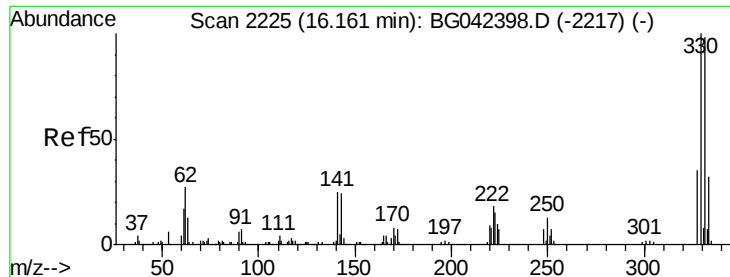
Tot Ion: 82 Resp: 167181
Ion Ratio Lower Upper
82 100
128 48.5 40.7 61.1
54 45.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042582.D
Acq: 30 Aug 2019 1:57

Tgt Ion:164 Resp: 106675
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 42.1 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 144.330 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042582.D

Acq: 30 Aug 2019 1:57

Instrument :

BNA_G

ClientSampleId :

EB-4-082819

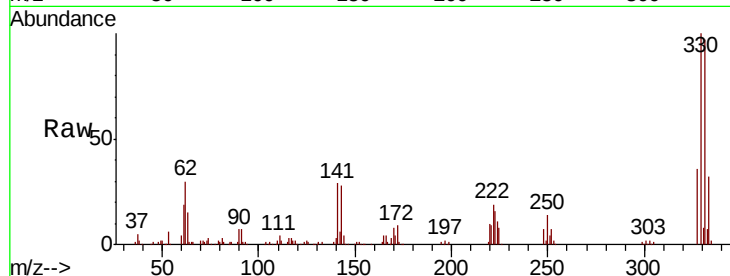
Tot Ion:330 Resp: 218834

Ion Ratio Lower Upper

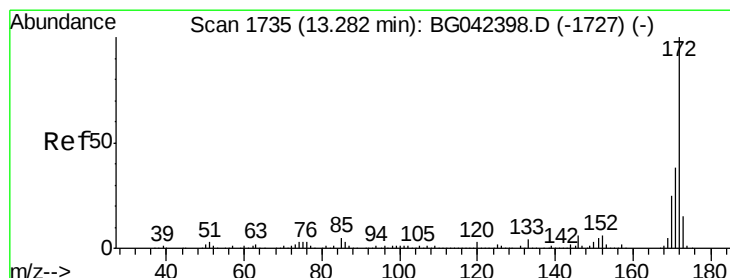
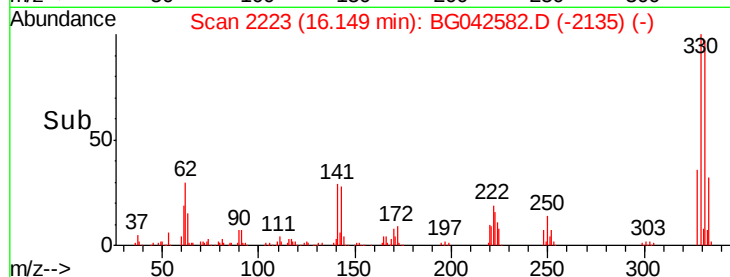
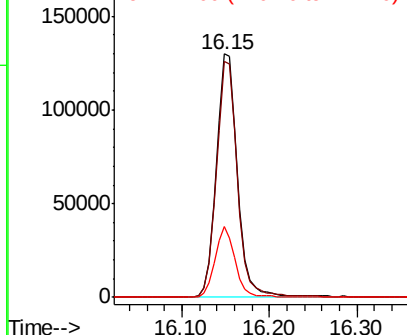
330 100

332 96.7 77.4 116.0

141 27.4 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: 87.899 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042582.D

Acq: 30 Aug 2019 1:57

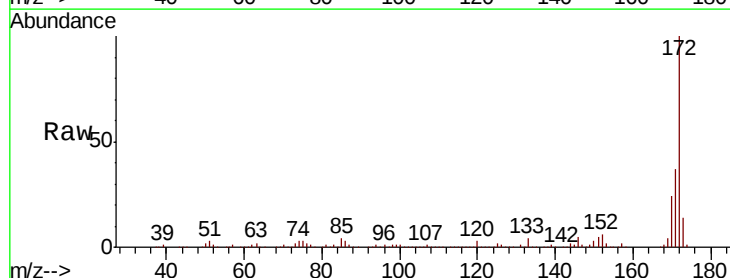
Tgt Ion:172 Resp: 554407

Ion Ratio Lower Upper

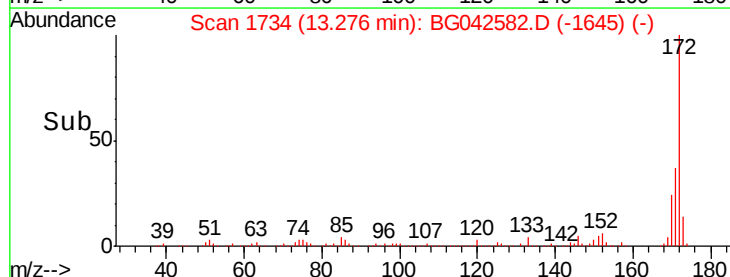
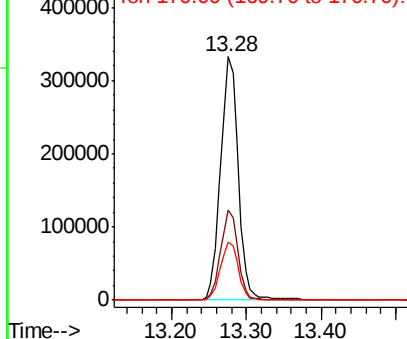
172 100

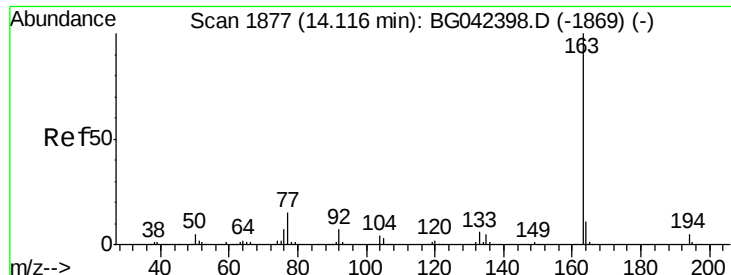
171 36.9 30.5 45.7

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: 4.924 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042582.D

Acq: 30 Aug 2019 1:57

Instrument :

BNA_G

ClientSampled :

EB-4-082819

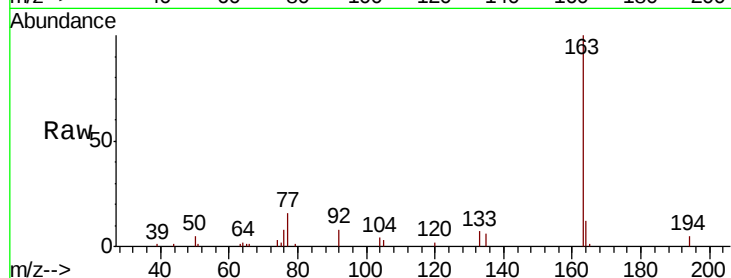
Tot Ion:163 Resp: 37897

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

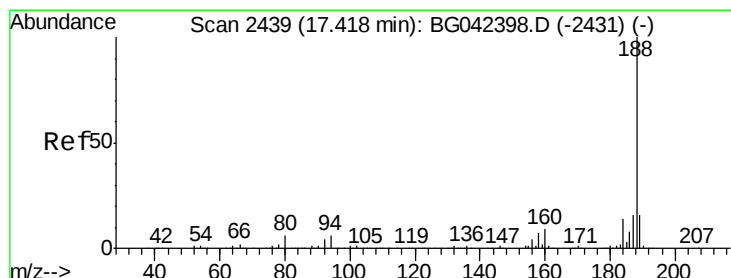
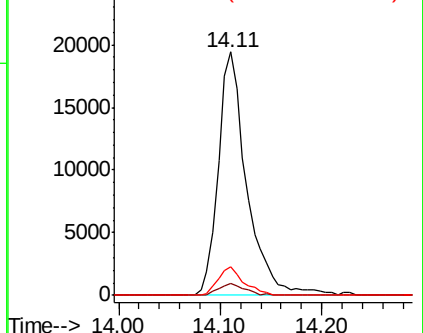
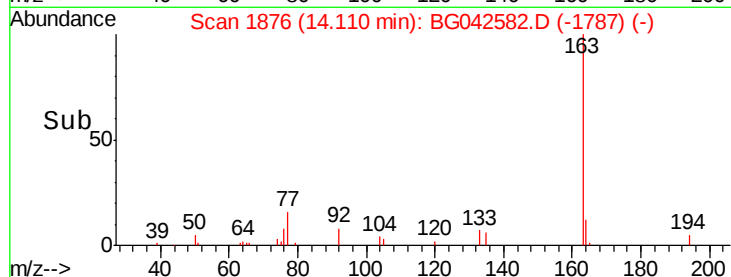
164 11.7 8.8 13.2



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: BG042582.D

Acq: 30 Aug 2019 1:57

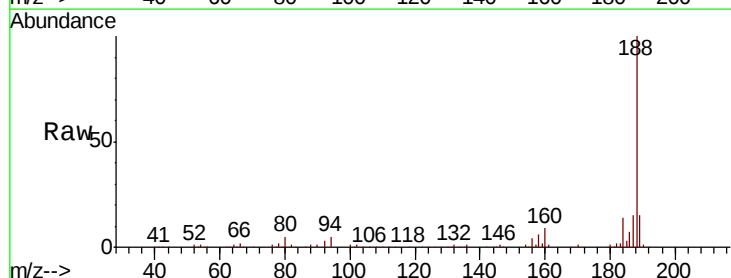
Tgt Ion:188 Resp: 253744

Ion Ratio Lower Upper

188 100

94 5.3 4.5 6.7

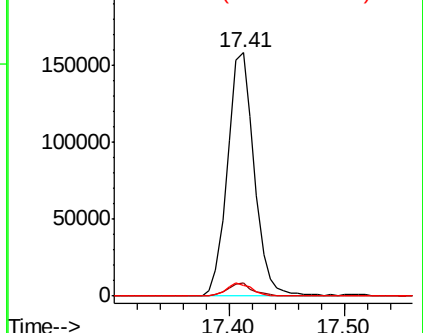
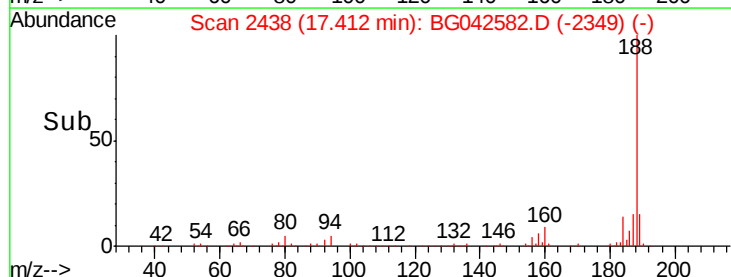
80 4.6 4.9 7.3#

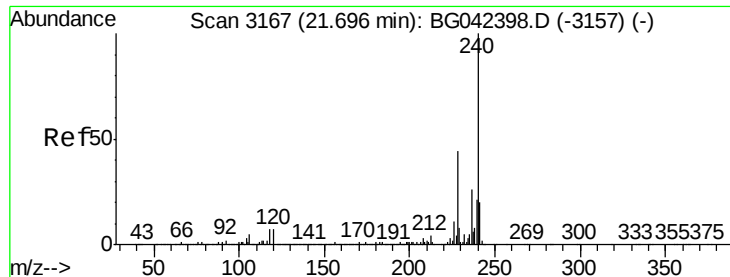


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

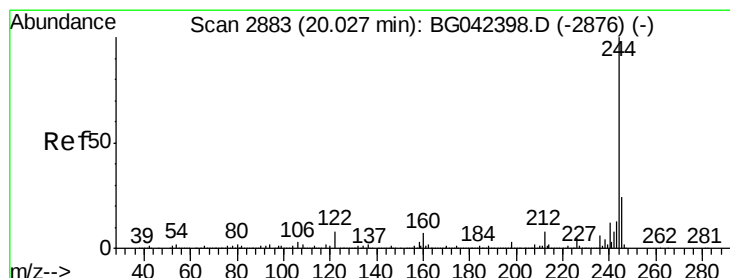
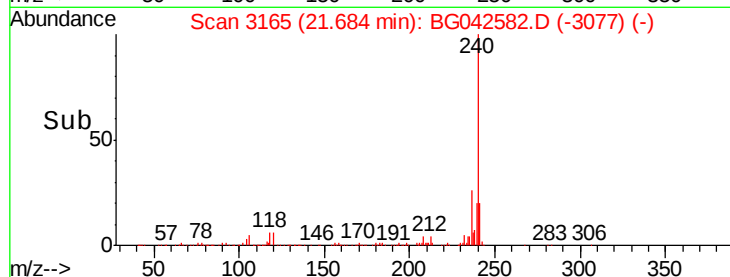
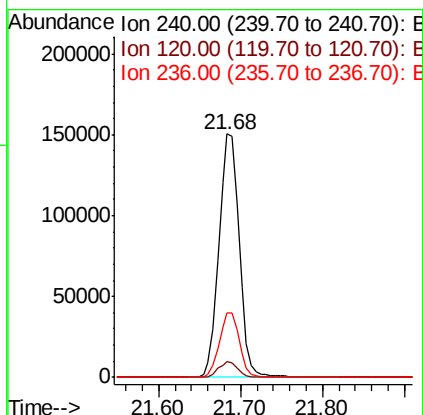
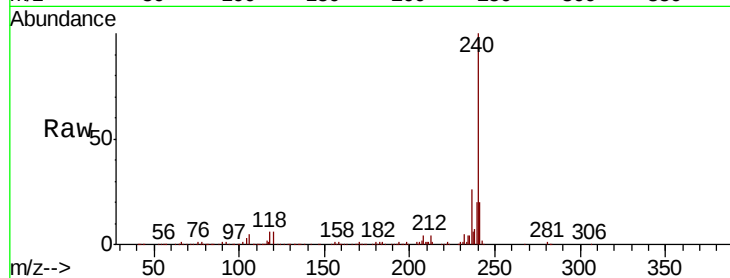




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042582.D
 Acq: 30 Aug 2019 1:57

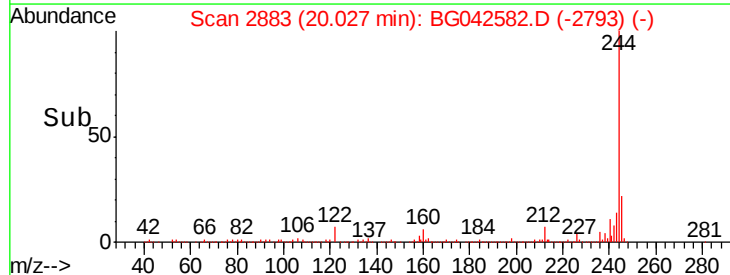
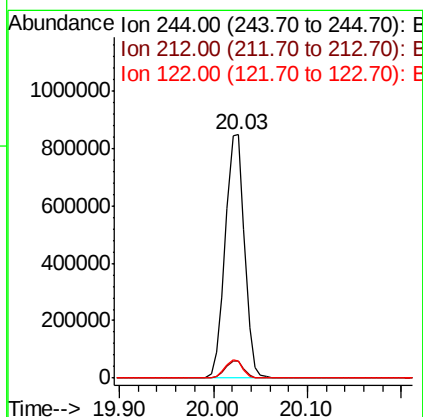
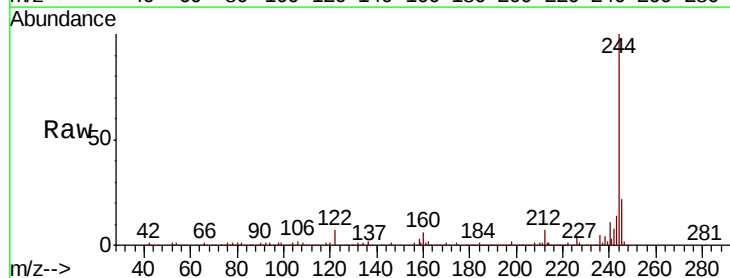
Instrument :
 BNA_G
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 EB-4-082819

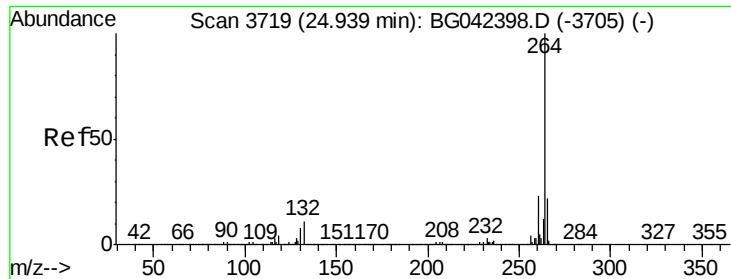
Tot Ion:240 Resp: 261142
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.7 8.5
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 100.023 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042582.D
 Acq: 30 Aug 2019 1:57

Tgt Ion:244 Resp: 1208197
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.8 6.7 10.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042582.D
Acq: 30 Aug 2019 1:57

Instrument :
BNA_G
ClientSampleId :
EB-4-082819

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	23.0	17.6	26.4

