

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041502.D
 Acq On : 28 Jun 2019 1:57
 Operator : HP/JU
 Sample : K3552-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10

Quant Time: Jun 28 07:35:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

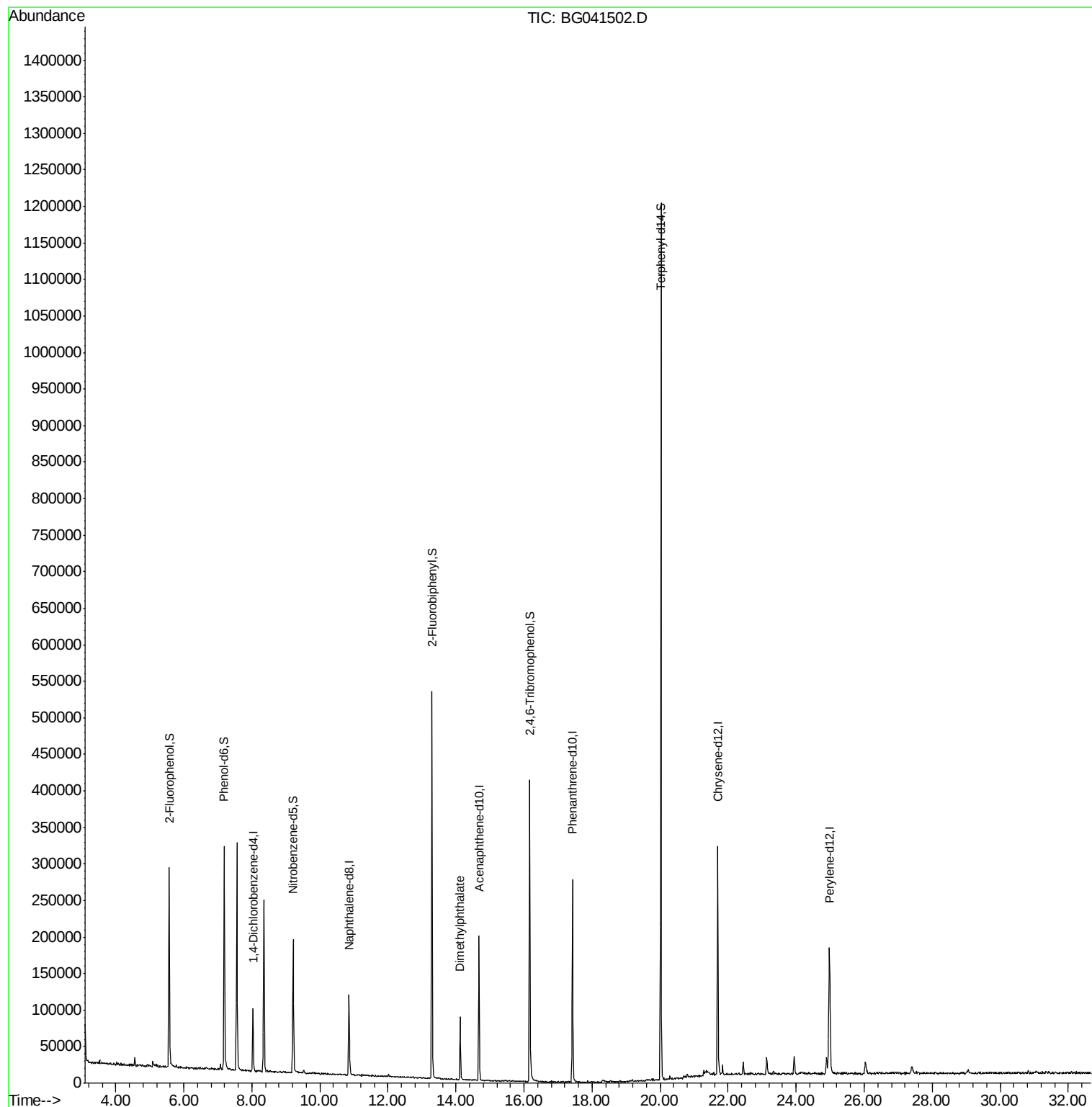
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25443	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96271	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	70328	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	188756	20.00	ng	0.00
76) Chrysene-d12	21.69	240	201861	20.00	ng	0.00
87) Perylene-d12	24.98	264	212091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	113943	79.84	ng	0.00
7) Phenol-d6	7.19	99	165915	82.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	121755	52.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	89126	74.22	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	290685	53.04	ng	0.00
79) Terphenyl-d14	20.02	244	600016	63.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	61909	9.673	ng	Qvalue 99

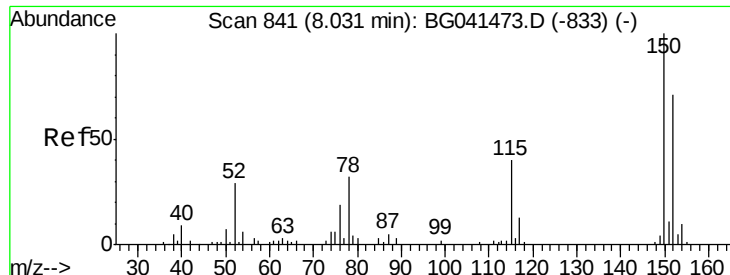
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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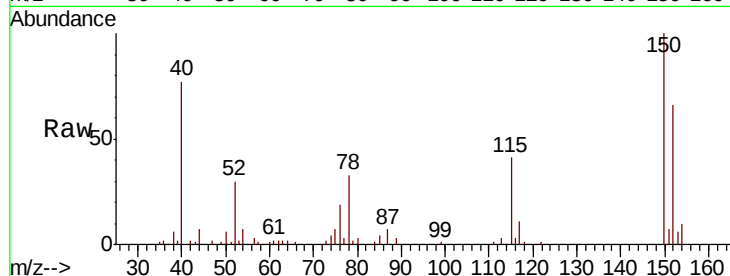


#1

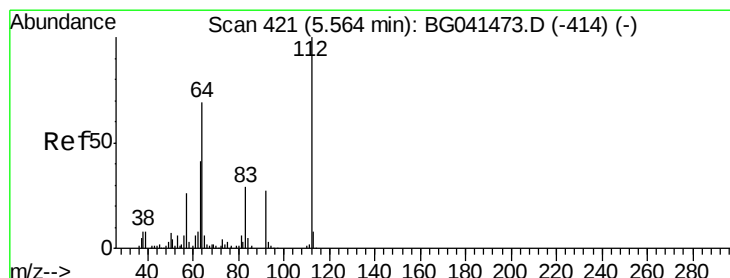
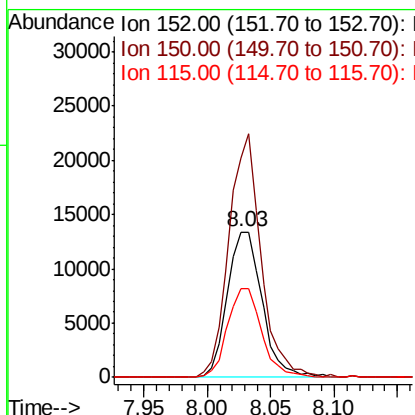
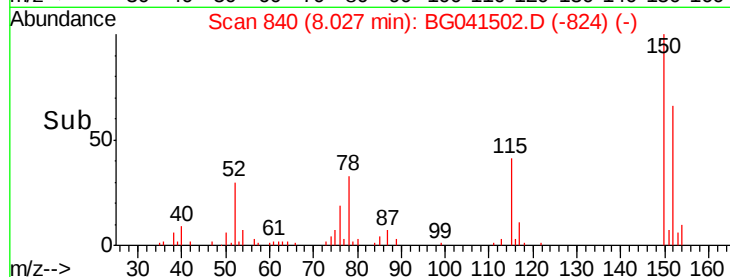
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

Instrument :
BNA_G
ClientSampleId :
M-10

Tot Ion:152 Resp: 25443
Ion Ratio Lower Upper
152 100
150 150.8 112.4 168.6
115 61.1 44.6 66.8



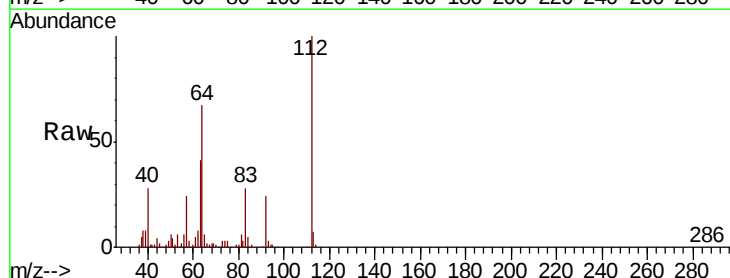
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



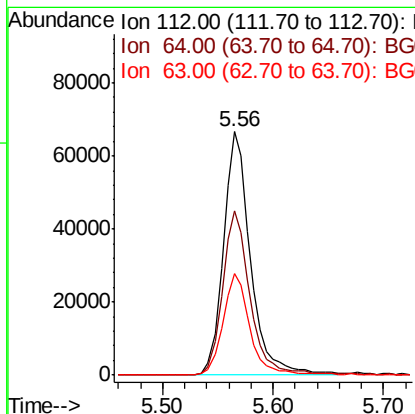
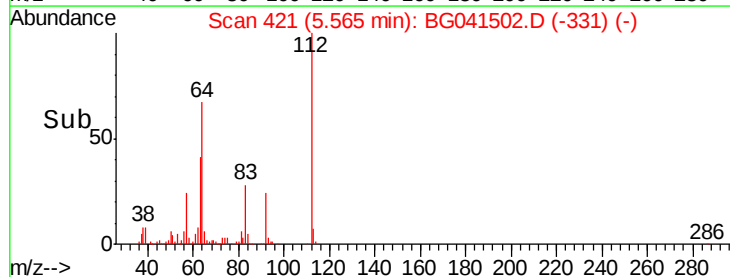
#5

2-Fluorophenol
Concen: 79.843 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

Tgt Ion:112 Resp: 113943
Ion Ratio Lower Upper
112 100
64 67.5 55.1 82.7
63 41.5 32.4 48.6



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: 82.587 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampleId :

M-10

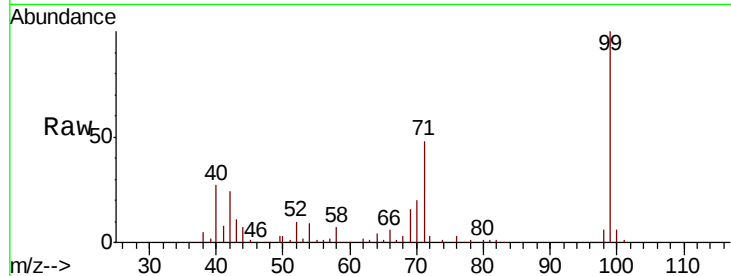
Tot Ion: 99 Resp: 165915

Ion Ratio Lower Upper

99 100

42 23.9 19.0 28.6

71 47.7 37.4 56.2

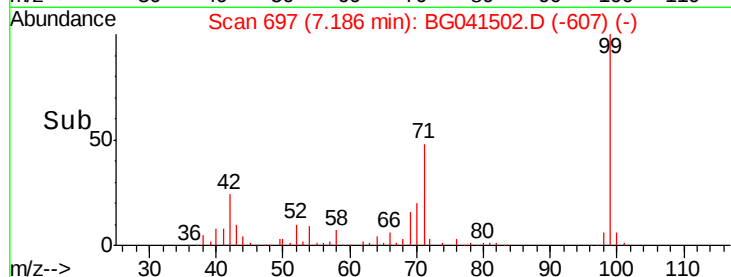
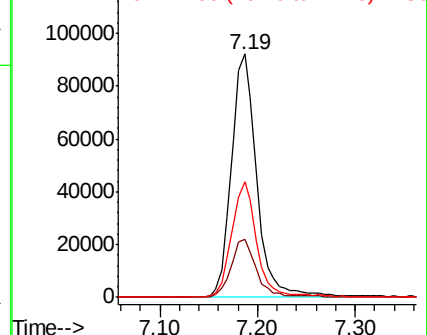


Abundance

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: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:57

Tgt Ion: 136 Resp: 96271

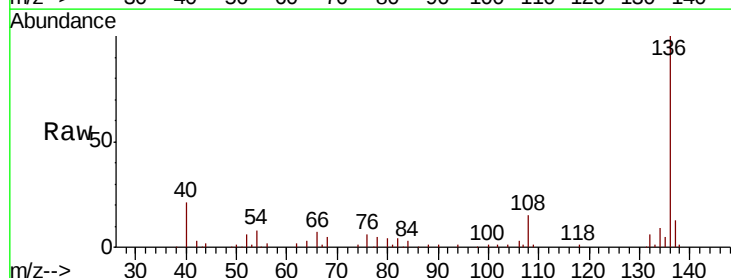
Ion Ratio Lower Upper

136 100

137 12.6 9.3 13.9

54 8.4 7.1 10.7

68 4.6 3.3 4.9



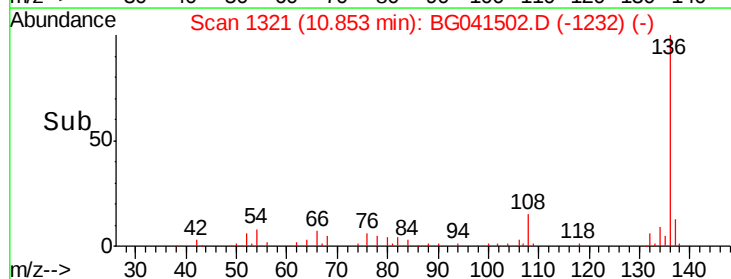
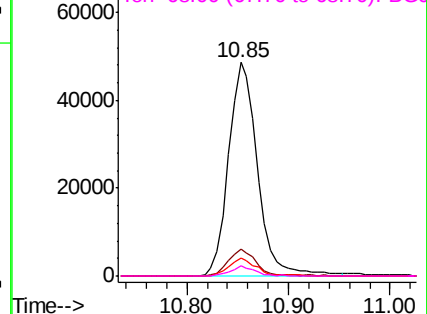
Abundance

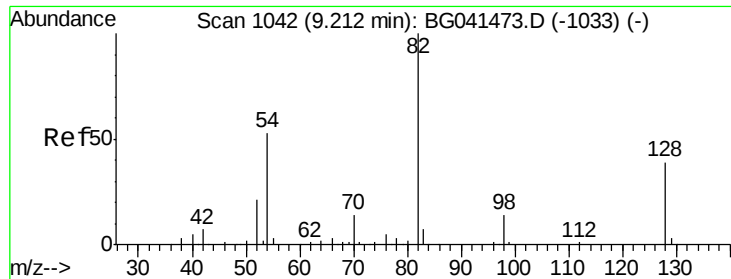
Ion 136.00 (135.70 to 136.70): BGC

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

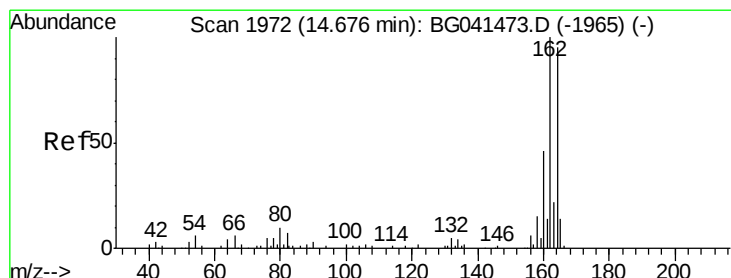
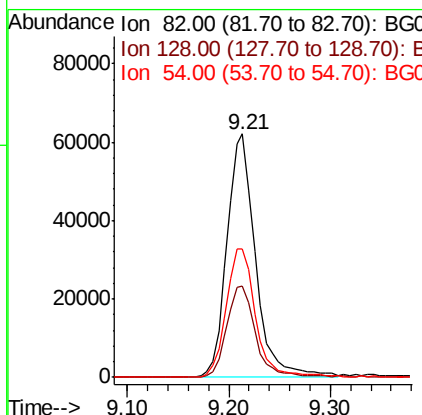
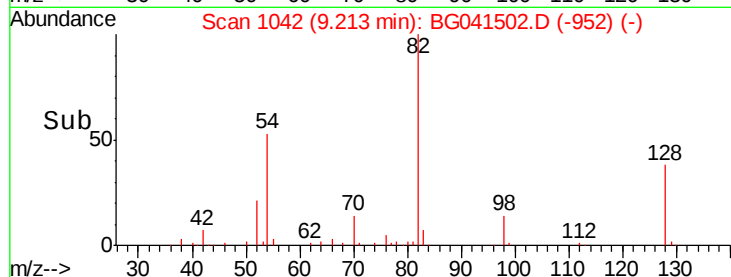
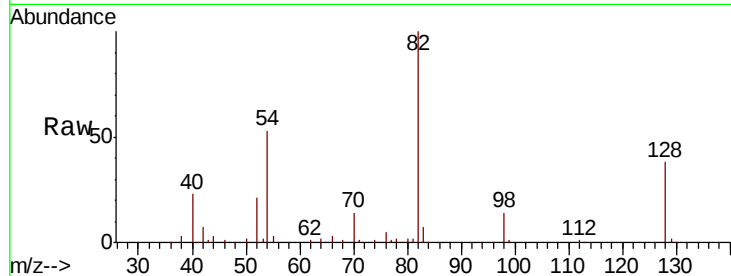




#23
Nitrobenzene-d5
Concen: 52.747 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

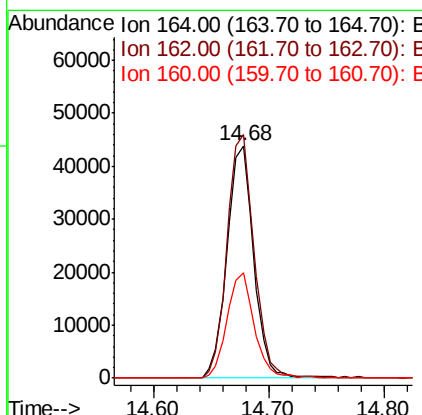
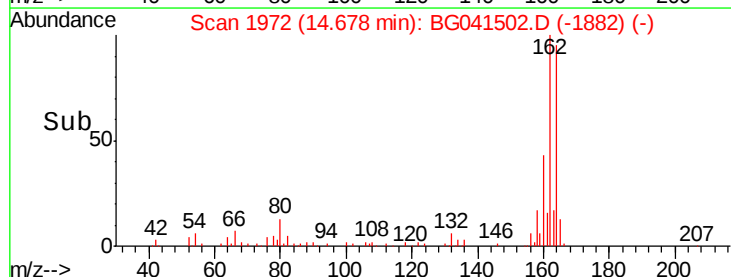
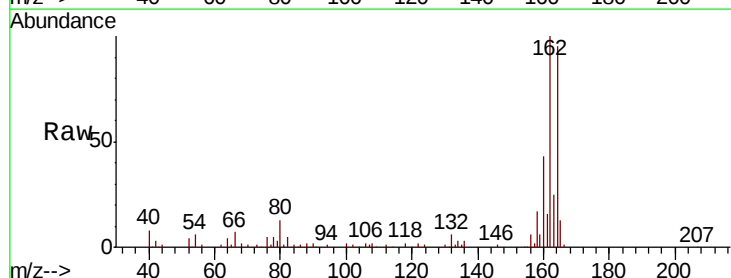
Instrument :
BNA_G
ClientSampleId :
M-10

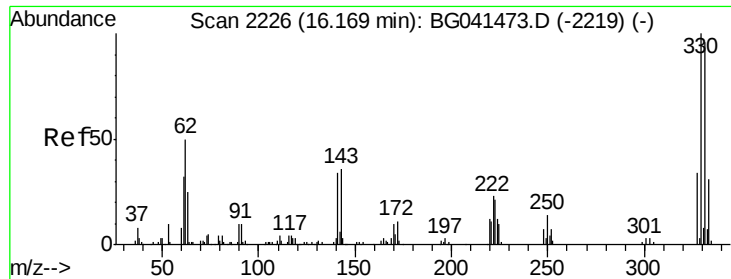
Tot Ion	82	Resp	121755
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.9	46.3
54	52.6	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

Tgt Ion	164	Resp	70328
Ion Ratio	Lower	Upper	
164	100		
162	104.8	84.4	126.6
160	45.1	38.8	58.2

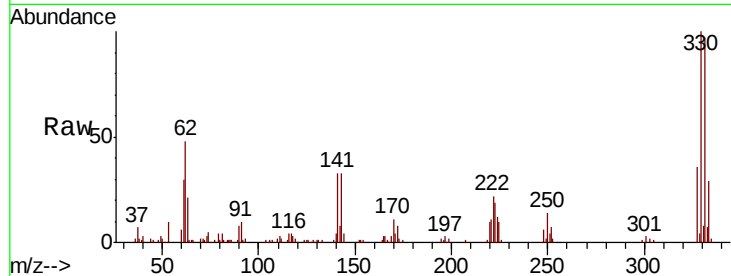




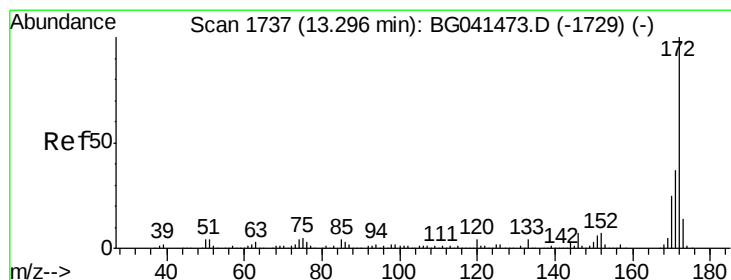
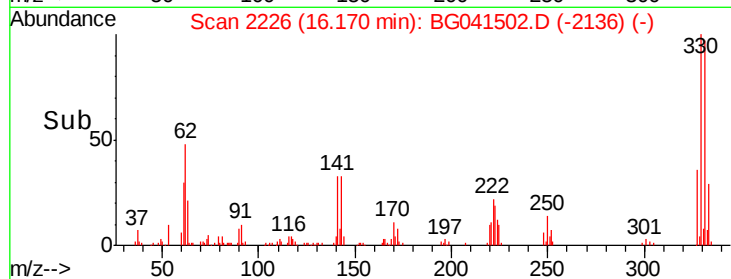
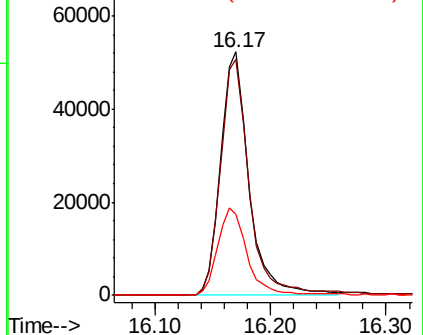
#42
 2,4,6-Tribromophenol
 Concen: 74.222 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 M-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.5	113.3
141	37.6	27.8	41.6

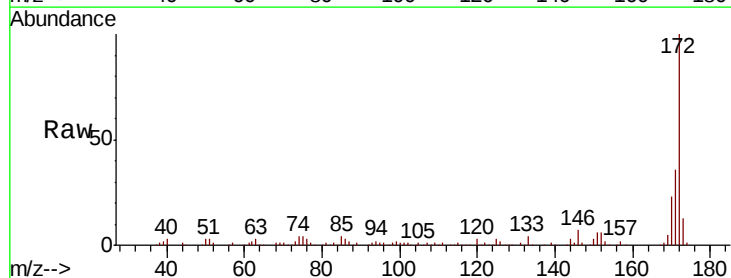


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

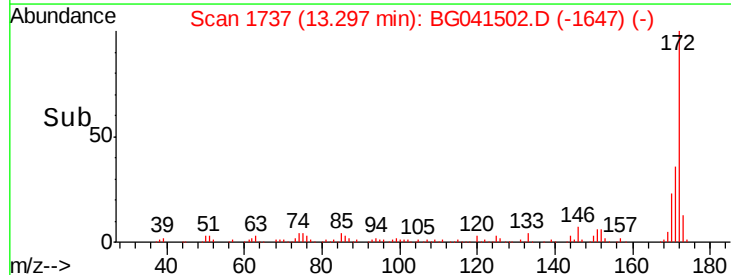
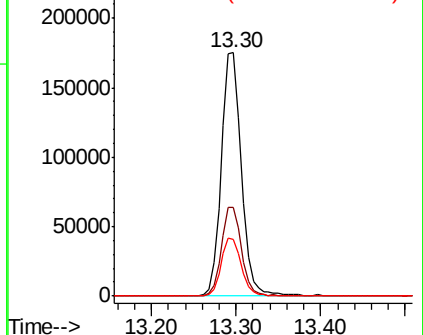


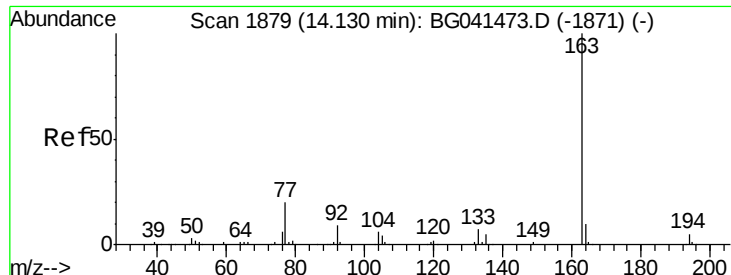
#45
 2-Fluorobiphenyl
 Concen: 53.041 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.5	20.0	30.0



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: 9.673 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampled :

M-10

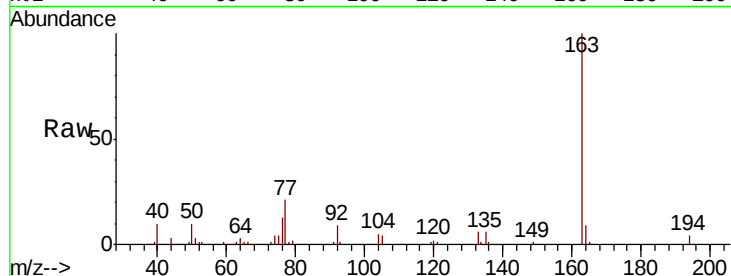
Tot Ion:163 Resp: 61909

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

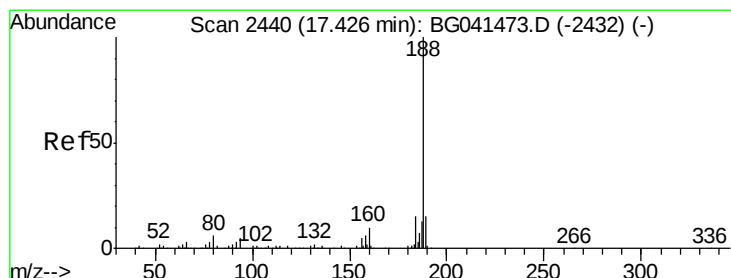
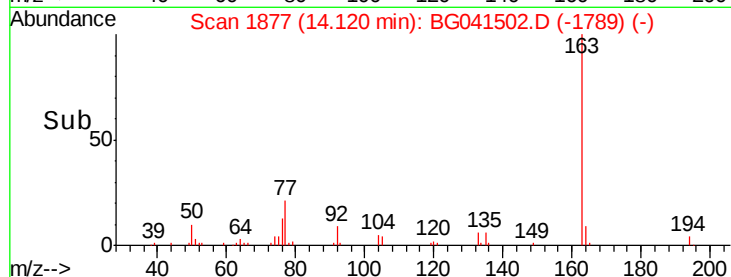
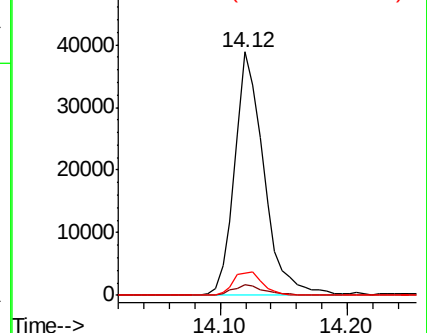
164 9.3 7.8 11.6



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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:57

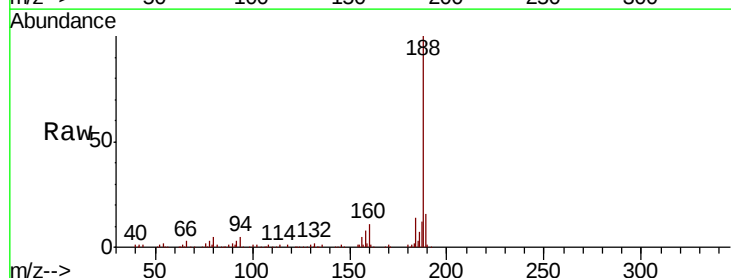
Tgt Ion:188 Resp: 188756

Ion Ratio Lower Upper

188 100

94 4.6 3.8 5.8

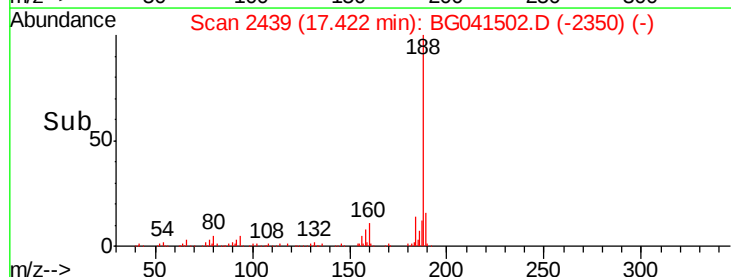
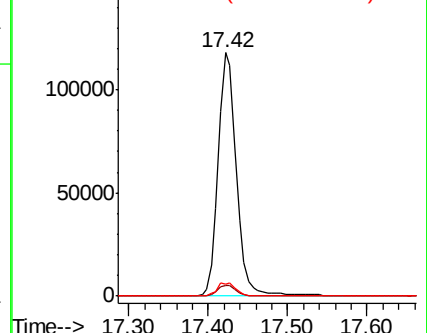
80 4.9 4.8 7.2

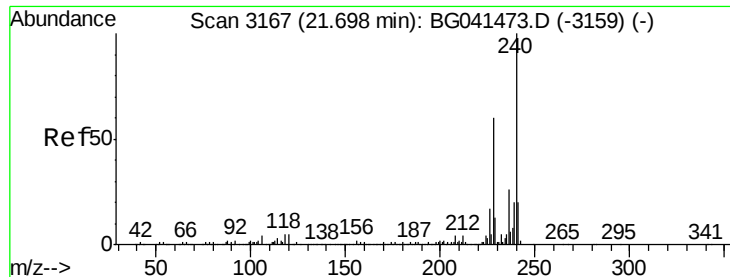


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

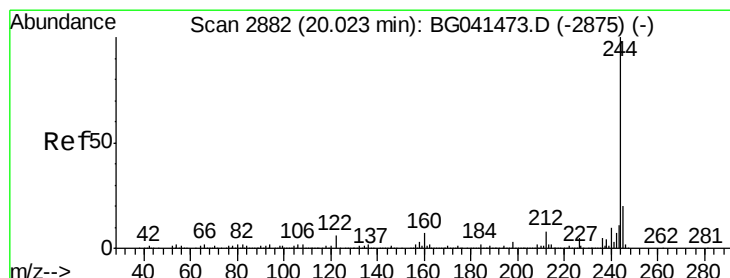
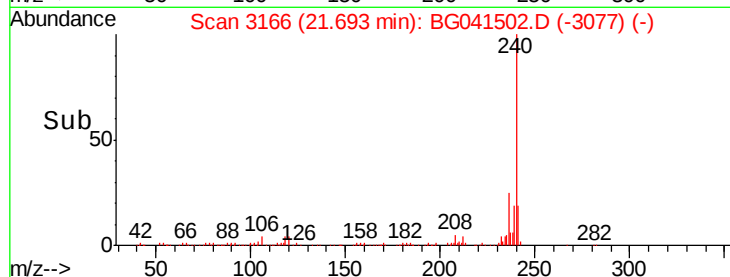
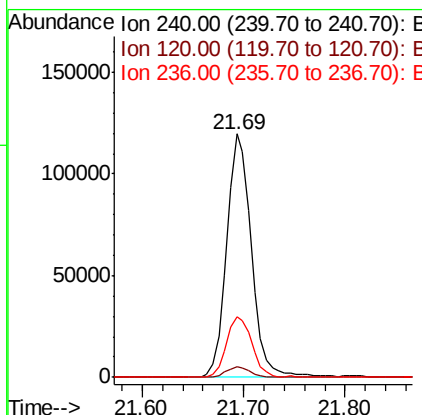
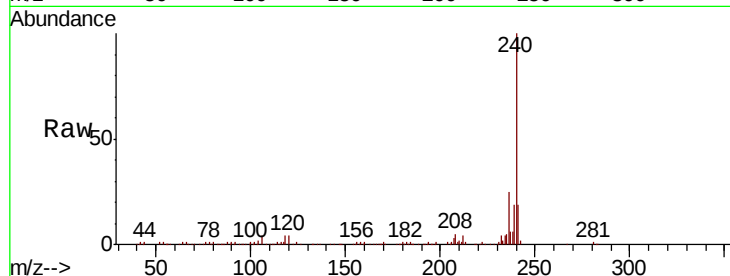




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

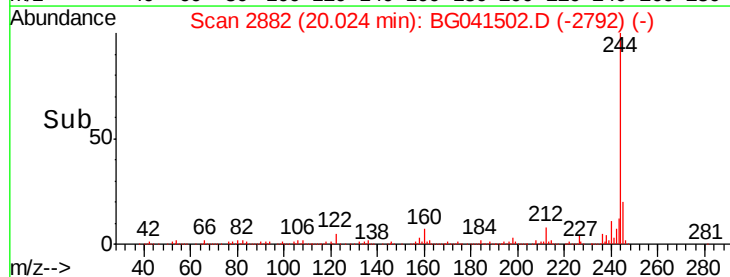
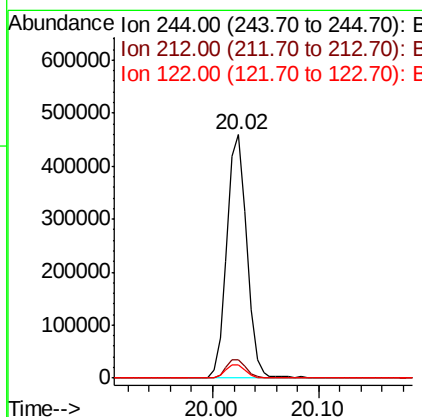
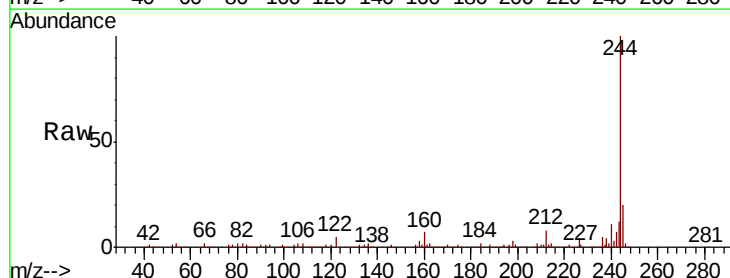
Instrument :
BNA_G
ClientSampleId :
M-10

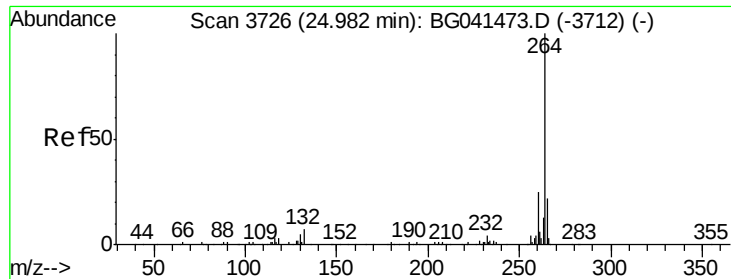
Tot Ion:240 Resp: 201861
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 24.8 20.8 31.2



#79
Terphenyl-d14
Concen: 63.166 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:57

Tgt Ion:244 Resp: 600016
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 5.3 4.8 7.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:57

Instrument :

BNA_G

ClientSampleId :

M-10

Tot Ion:264 Resp: 212091

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 22.2 17.4 26.2

