

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042655.D
 Acq On : 1 Sep 2019 5:59
 Operator : HP/JU
 Sample : K4602-33
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-D1-D4-(0-3.11)

Quant Time: Sep 01 07:01:31 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	35492	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	131369	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95135	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233323	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	261812	20.00	ng	-0.01
87) Perylene-d12	24.91	264	298802	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	230248	131.39	ng	0.00
7) Phenol-d6	7.16	99	274088	115.79	ng	-0.01
23) Nitrobenzene-d5	9.16	82	189573	99.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	206627	152.81	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	620446	110.30	ng	0.00
79) Terphenyl-d14	20.02	244	1266193	104.56	ng	0.00

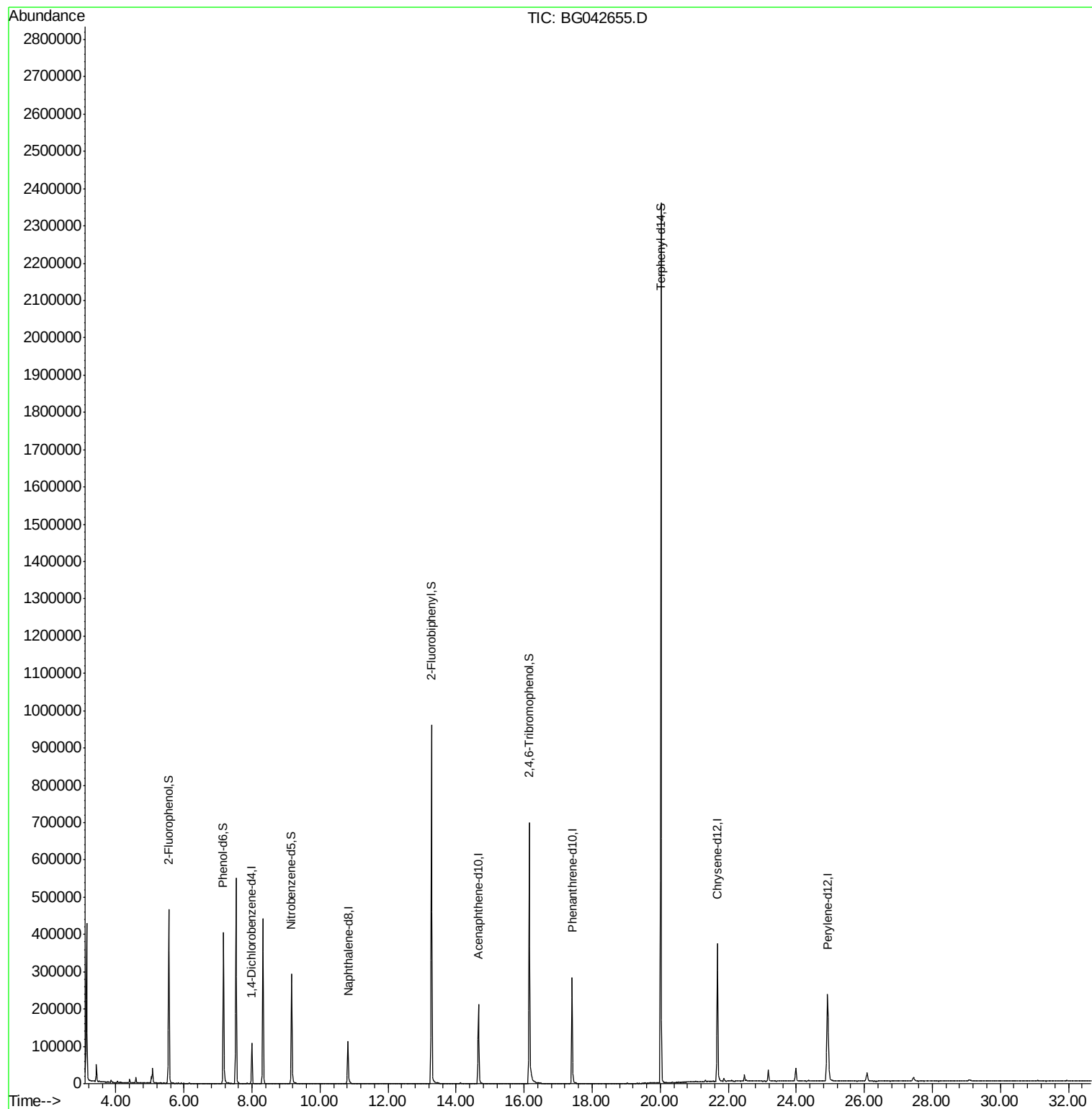
Target Compounds Qvalue

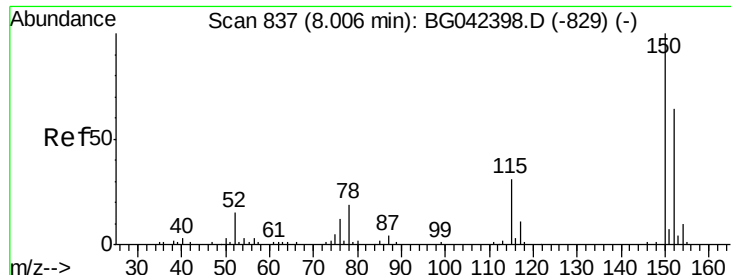
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042655.D
Acq On : 1 Sep 2019 5:59
Operator : HP/JU
Sample : K4602-33
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAR-D1-D4-(0-3.11)

Quant Time: Sep 01 07:01:31 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



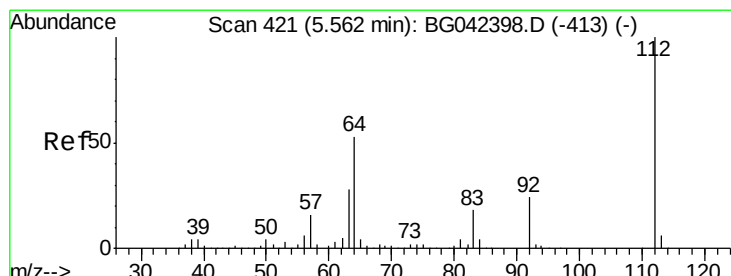
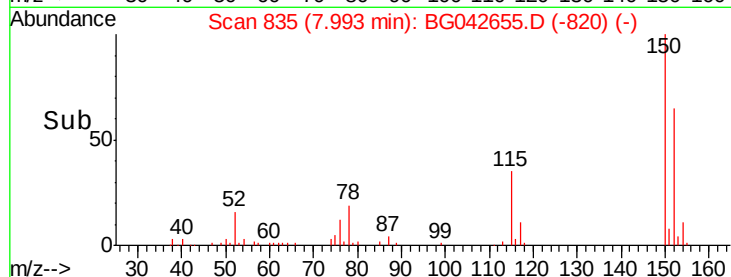
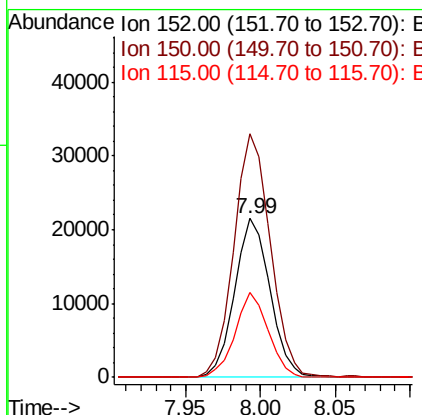
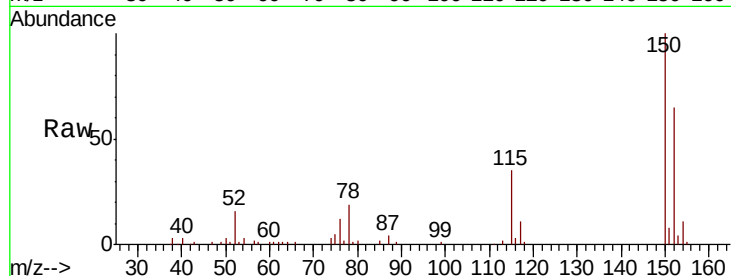


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042655.D
 Acq: 1 Sep 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 PAR-D1-D4-(0-3.11)

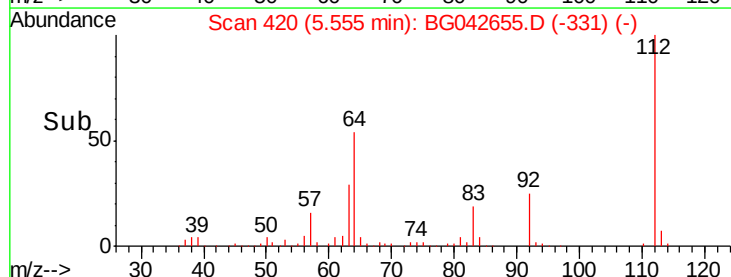
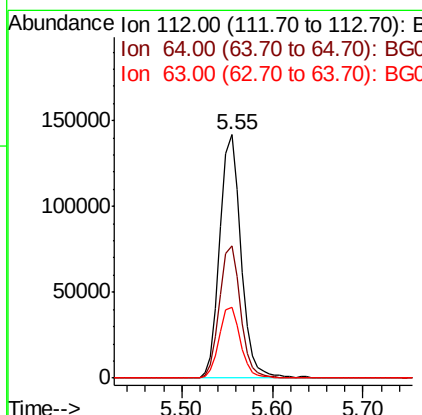
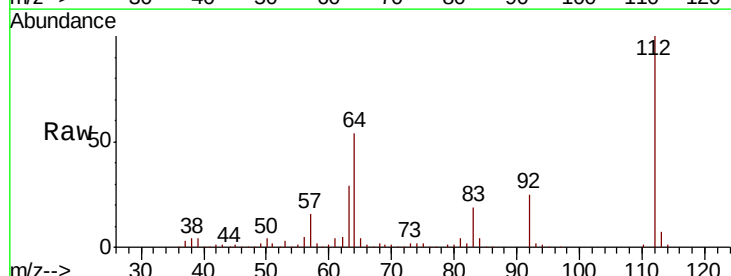
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.4	188.0
115	53.5	38.5	57.7

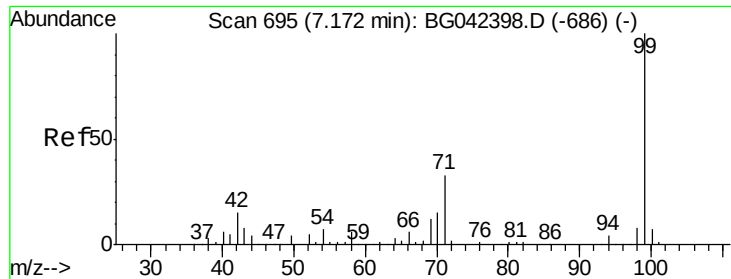


#5

2-Fluorophenol
 Concen: 131.387 ng
 RT: 5.55 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042655.D
 Acq: 1 Sep 2019 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.8	64.2
63	29.2	22.7	34.1





#7

Phenol-d6

Concen: 115.788 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

Instrument :

BNA_G

ClientSampleId :

PAR-D1-D4-(0-3.11)

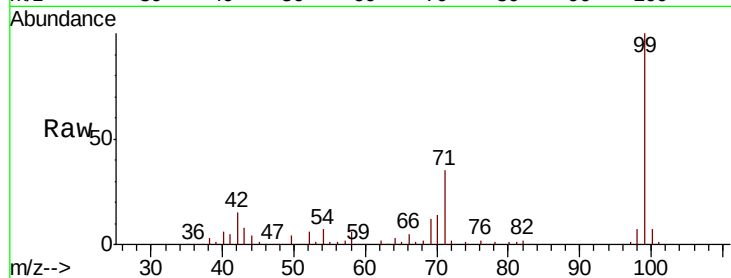
Tot Ion: 99 Resp: 274088

Ion Ratio Lower Upper

99 100

42 14.8 12.0 18.0

71 35.0 26.3 39.5

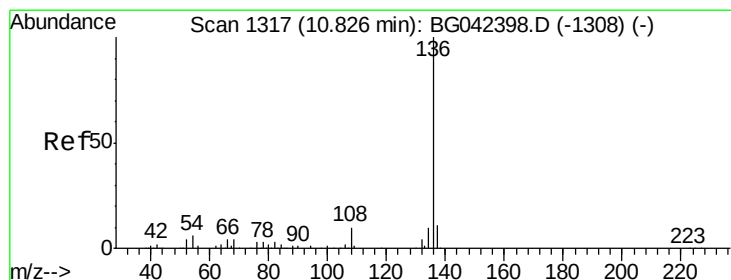
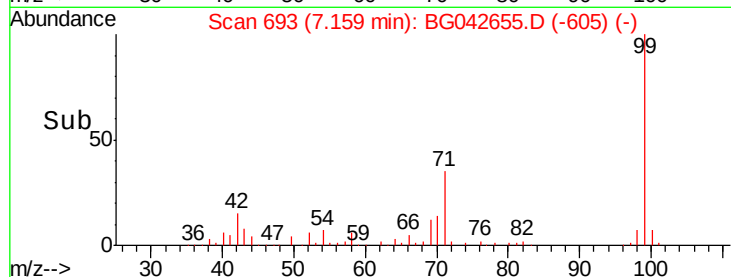
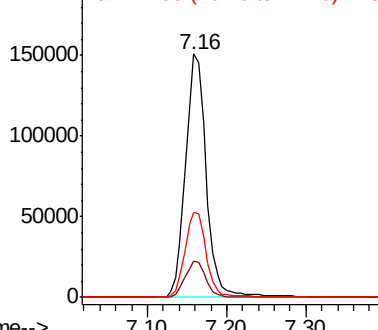


Abundance

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: BG042655.D

Acq: 1 Sep 2019 5:59

Tgt Ion: 136 Resp: 131369

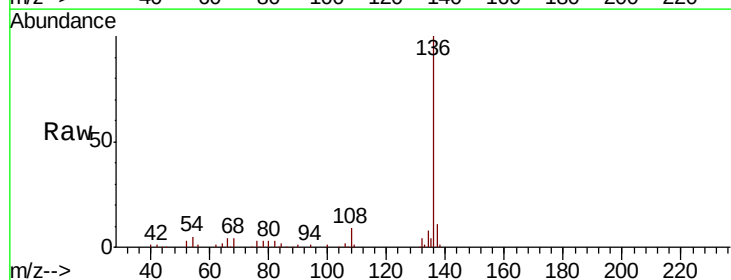
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.4 4.9 7.3

68 3.7 3.6 5.4



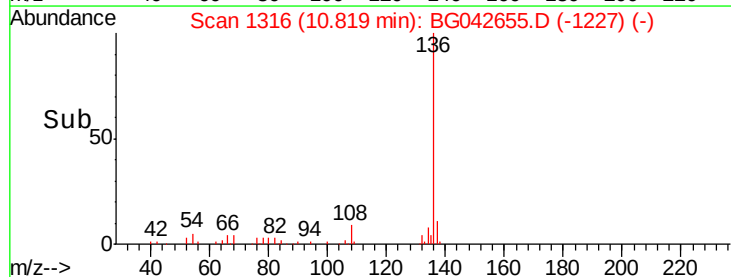
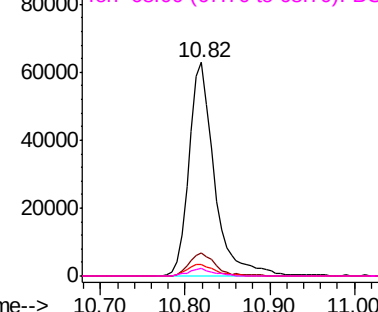
Abundance

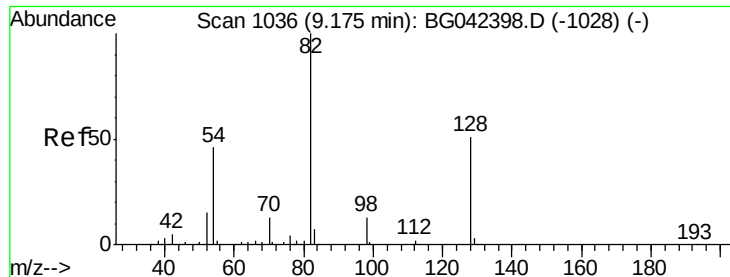
Ion 136.00 (135.70 to 136.70): BGC

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

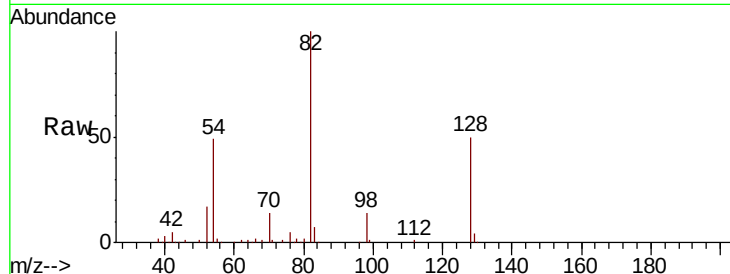




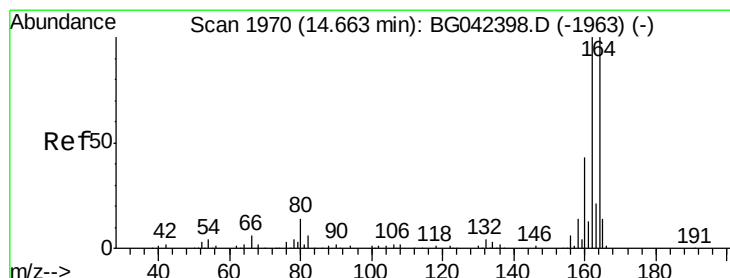
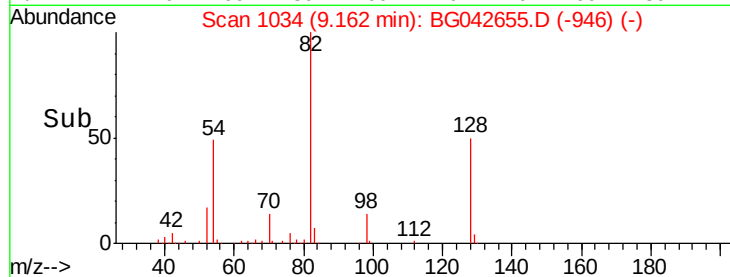
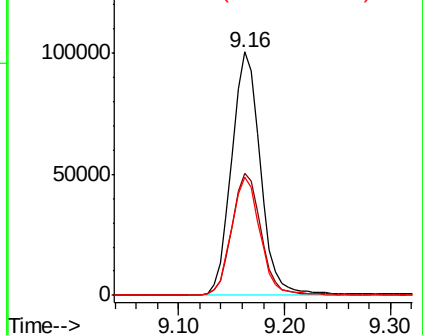
#23
 Nitrobenzene-d5
 Concen: 99.721 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042655.D
 Acq: 1 Sep 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 PAR-D1-D4-(0-3.11)

Tot Ion	82	Resp	189573
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.7	61.1
54	48.5	36.3	54.5

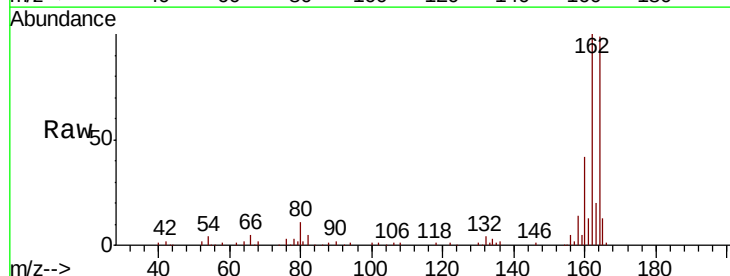


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

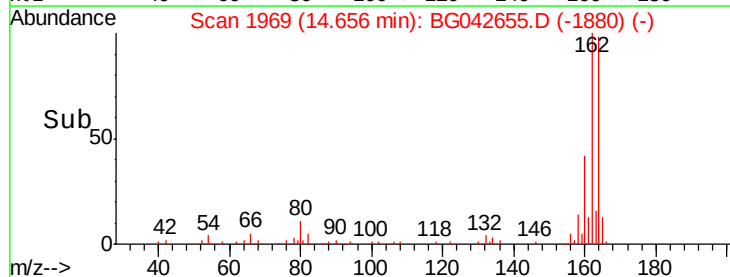
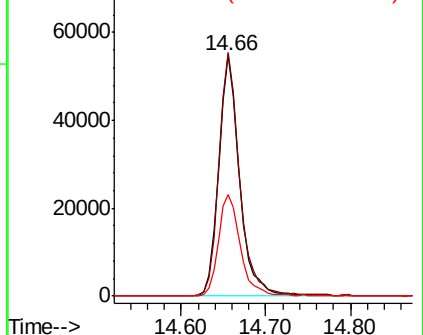


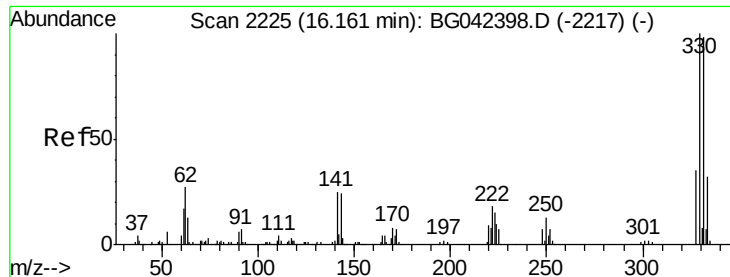
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042655.D
 Acq: 1 Sep 2019 5:59

Tgt Ion	164	Resp	95135
Ion Ratio	Lower	Upper	
164	100		
162	101.1	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: 152.809 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

Instrument :

BNA_G

ClientSampleId :

PAR-D1-D4-(0-3.11)

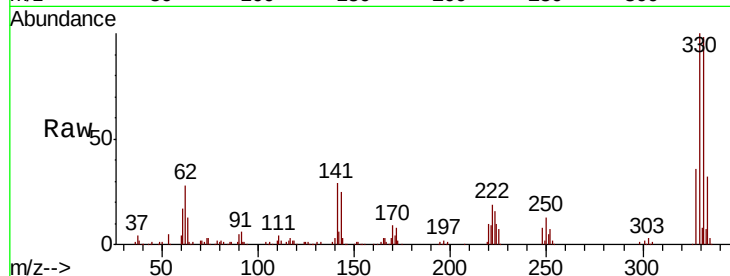
Tot Ion:330 Resp: 206627

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.0 21.4 32.0

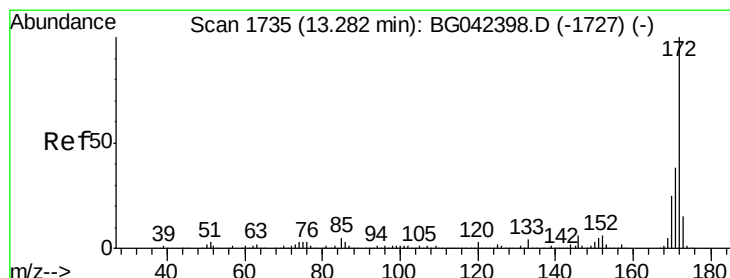
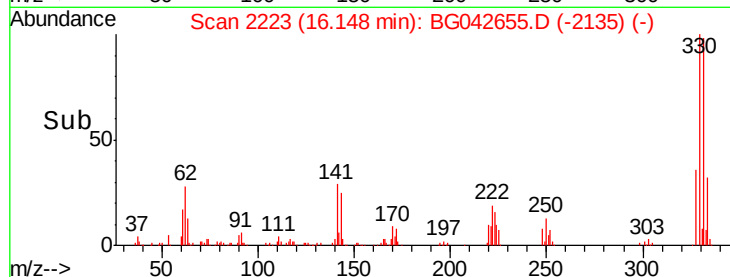
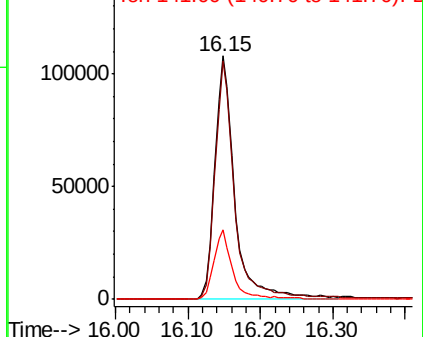


Abundance

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: 110.301 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

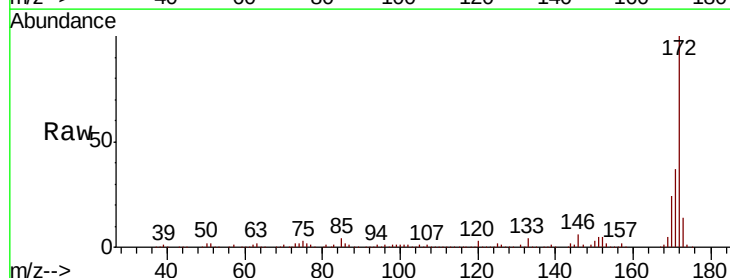
Tgt Ion:172 Resp: 620446

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 23.6 20.2 30.2

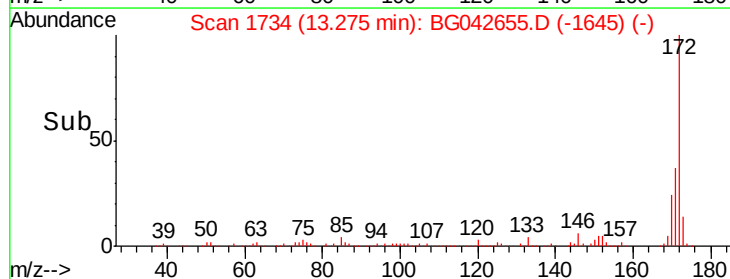
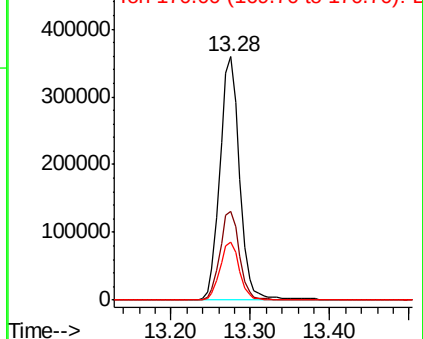


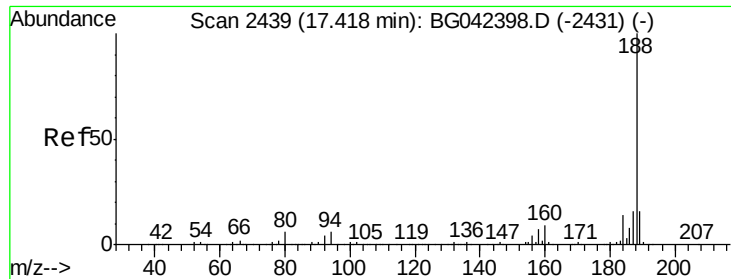
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

Instrument :

BNA_G

ClientSampleId :

PAR-D1-D4-(0-3.11)

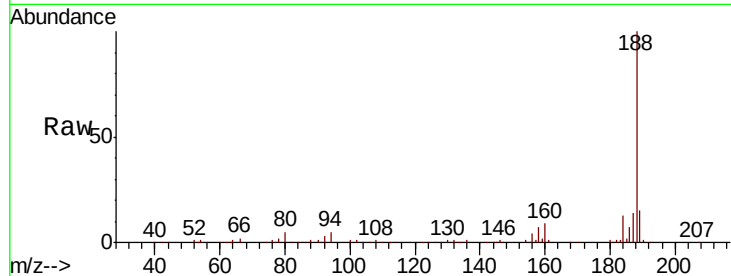
Tot Ion:188 Resp: 233323

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

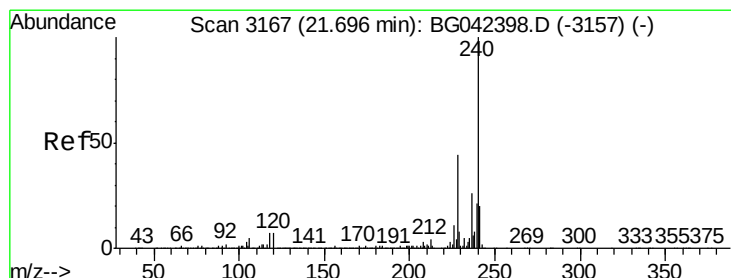
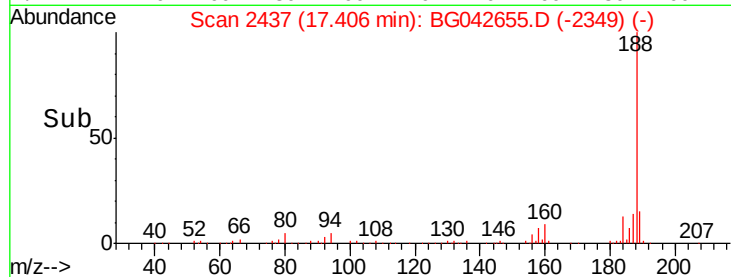
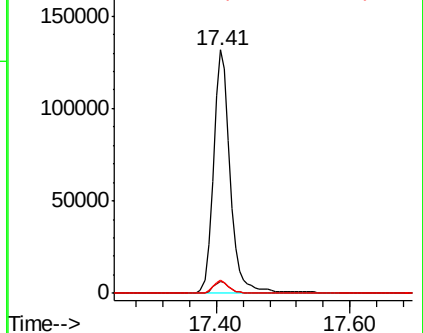
80 5.4 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

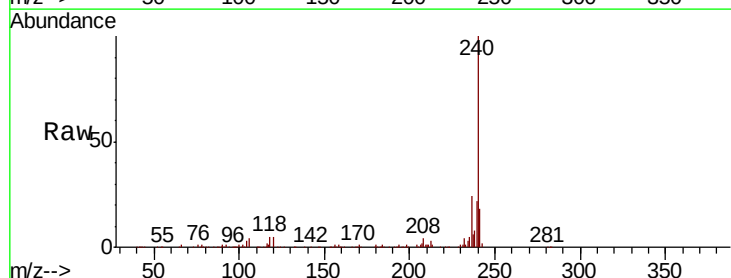
Tgt Ion:240 Resp: 261812

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

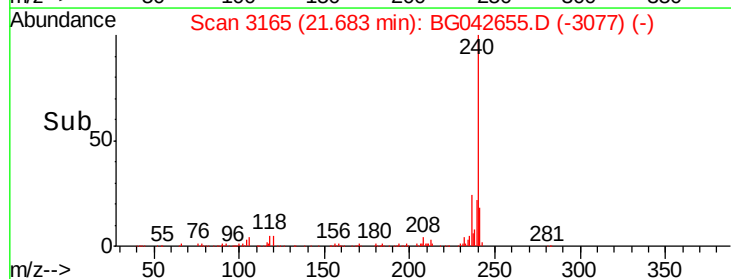
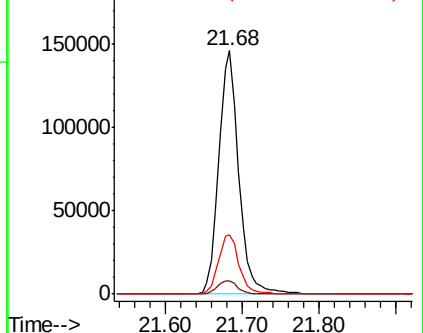
236 24.5 21.0 31.4

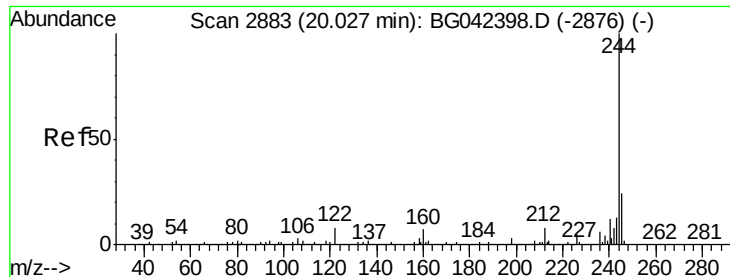


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.556 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

Instrument :

BNA_G

ClientSampleId :

PAR-D1-D4-(0-3.11)

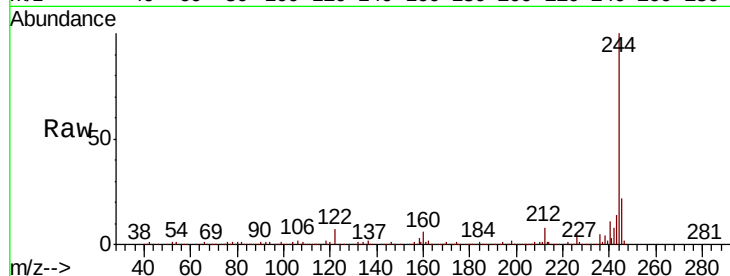
Tot Ion:244 Resp: 1266193

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

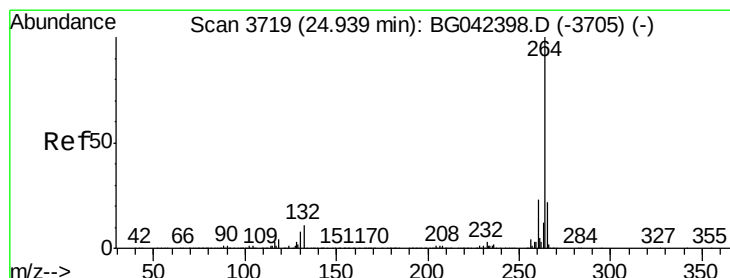
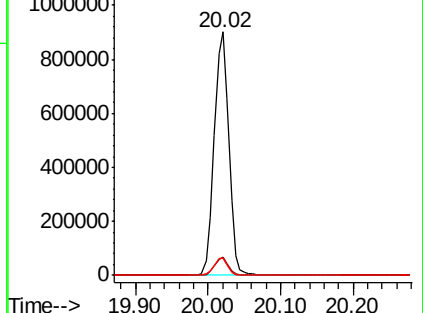
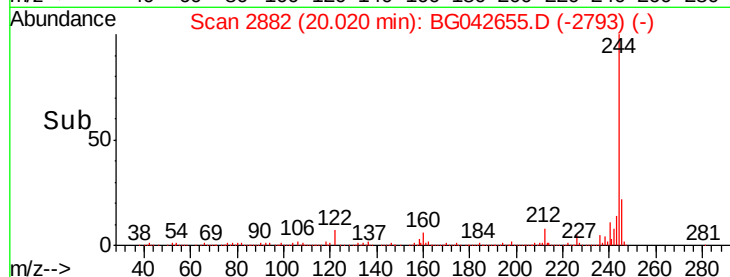
122 6.8 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042655.D

Acq: 1 Sep 2019 5:59

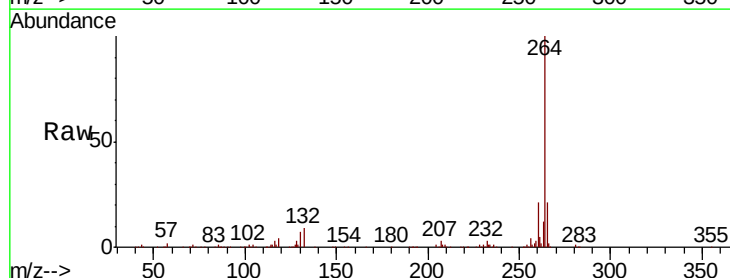
Tgt Ion:264 Resp: 298802

Ion Ratio Lower Upper

264 100

260 20.5 18.5 27.7

265 21.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

