

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042654.D
 Acq On : 1 Sep 2019 5:20
 Operator : HP/JU
 Sample : K4602-28
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 06:59:57 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	35135	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	131749	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	94645	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228100	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	254765	20.00	ng	-0.01
87) Perylene-d12	24.92	264	293883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	231734	133.58	ng	0.00
7) Phenol-d6	7.16	99	273756	116.82	ng	-0.01
23) Nitrobenzene-d5	9.16	82	191513	100.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	197215	146.60	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	622361	111.21	ng	0.00
79) Terphenyl-d14	20.02	244	1254680	106.47	ng	0.00

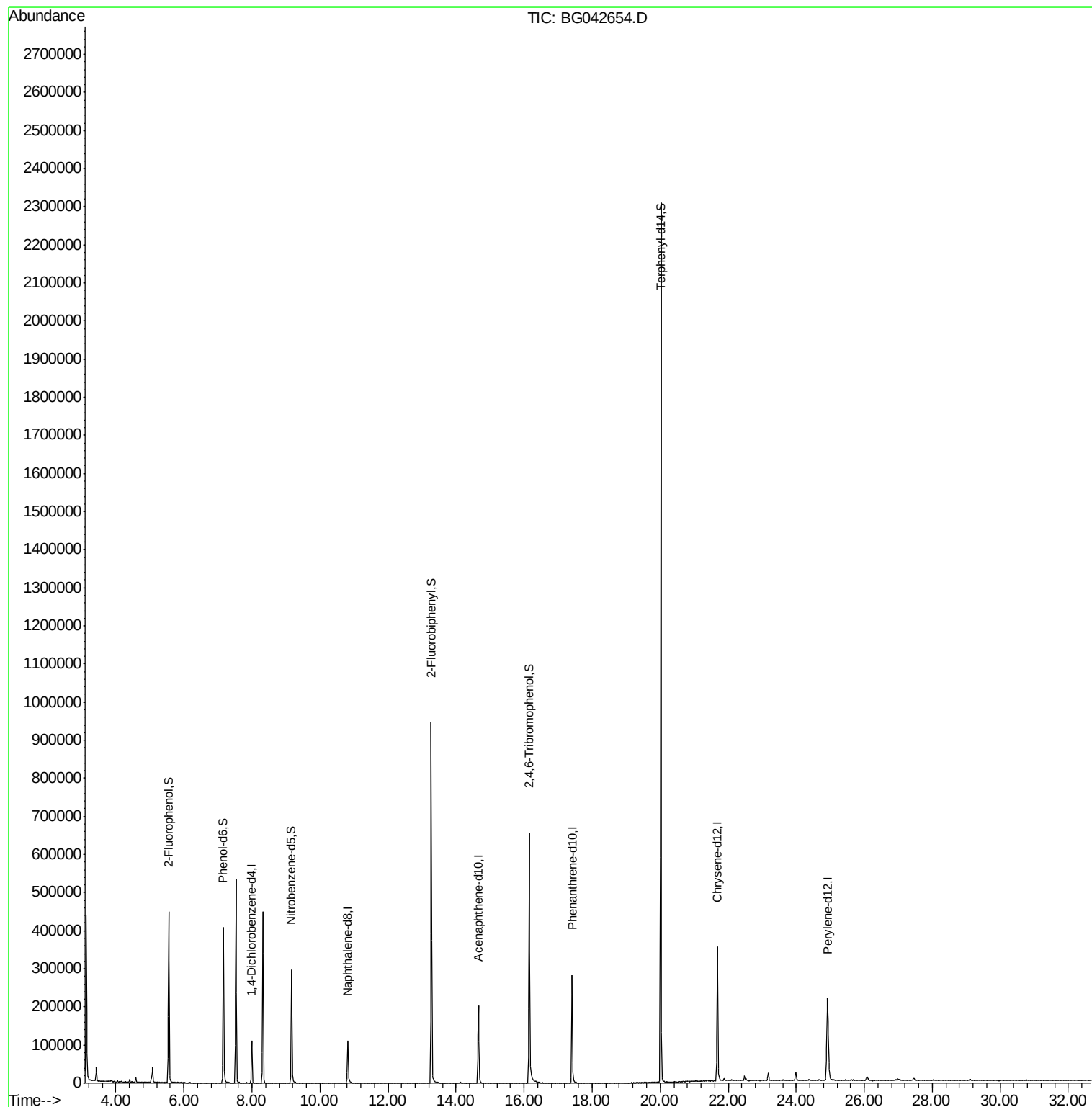
Target Compounds Qvalue

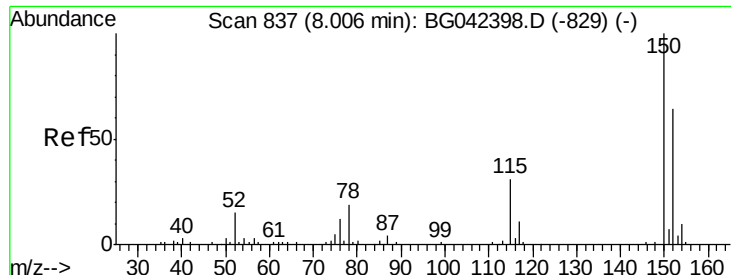
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042654.D
Acq On : 1 Sep 2019 5:20
Operator : HP/JU
Sample : K4602-28
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 01 06:59:57 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: BG042654.D

Acq: 1 Sep 2019 5:20

Instrument :

BNA_G

ClientSampleId :

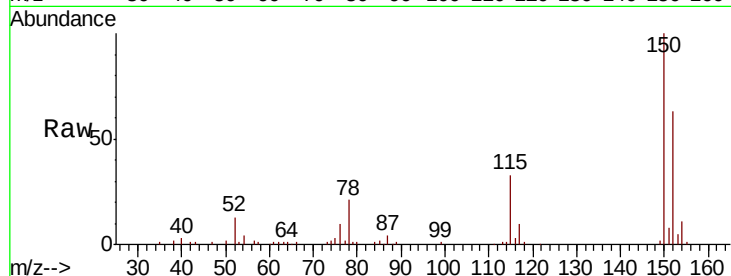
Tot Ion:152 Resp: 35135

Ion Ratio Lower Upper

152 100

150 159.6 125.4 188.0

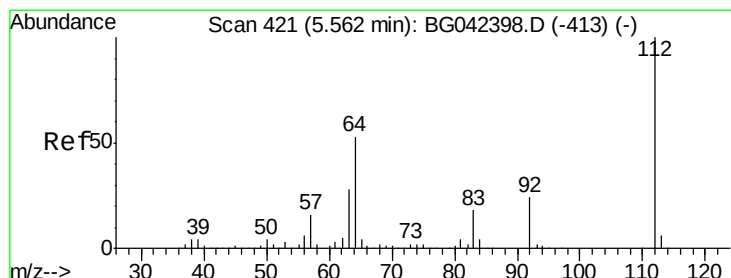
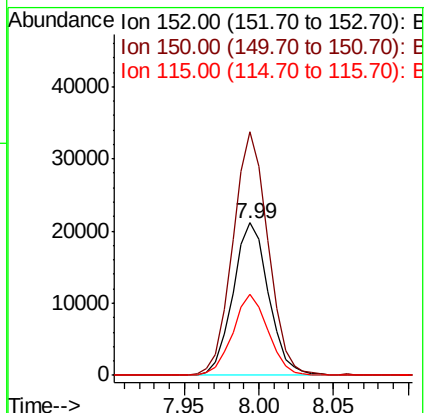
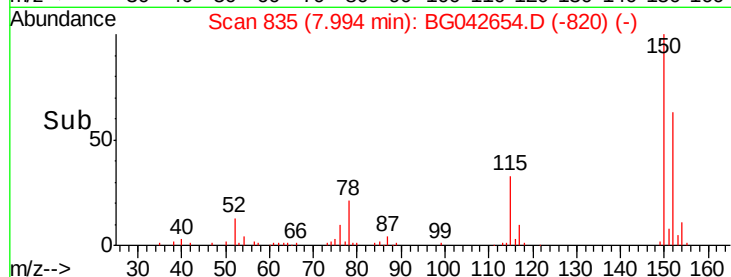
115 53.0 38.5 57.7



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: 133.579 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

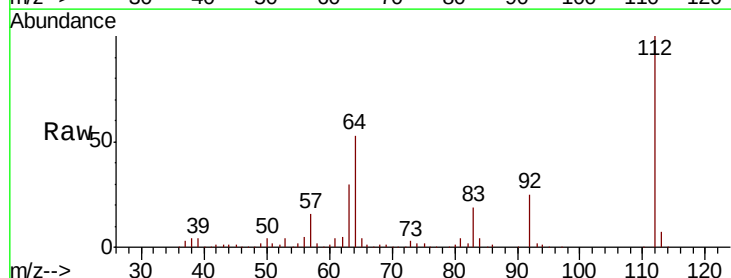
Tgt Ion:112 Resp: 231734

Ion Ratio Lower Upper

112 100

64 52.6 42.8 64.2

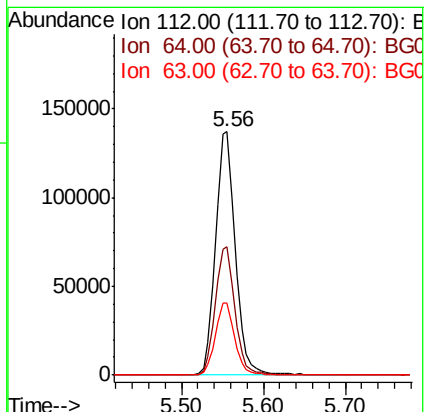
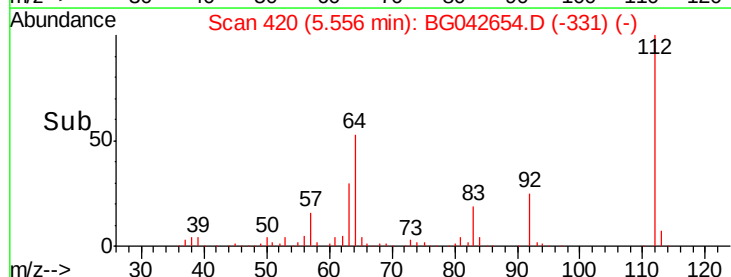
63 29.7 22.7 34.1

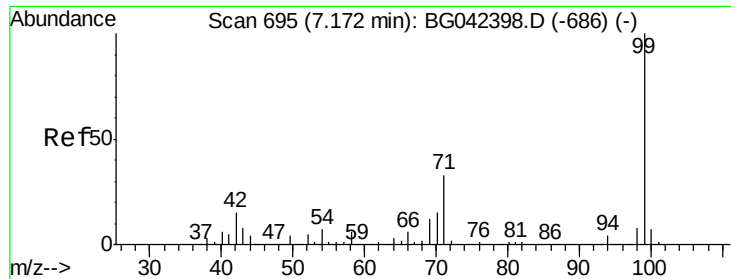


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.823 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

Instrument :

BNA_G

ClientSampleId :

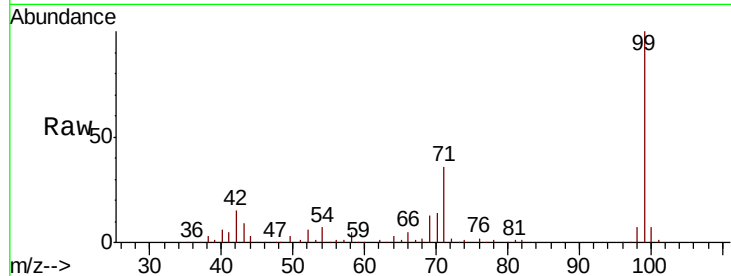
Tot Ion: 99 Resp: 273756

Ion Ratio Lower Upper

99 100

42 15.0 12.0 18.0

71 36.3 26.3 39.5

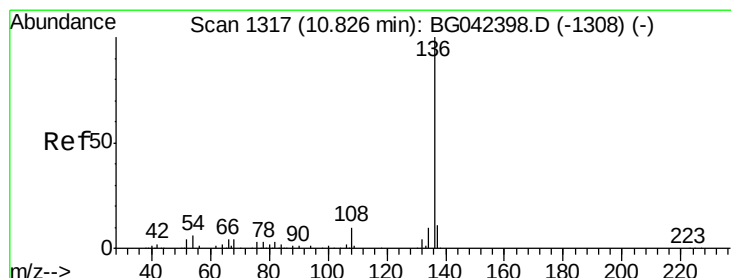
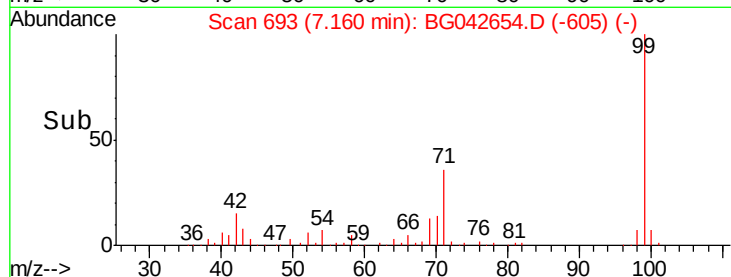
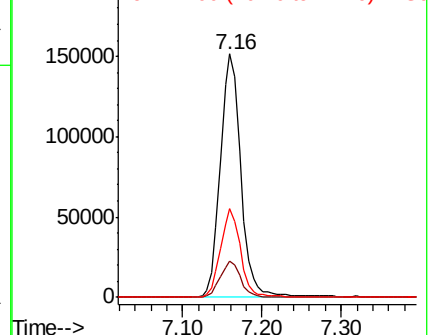


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

Tgt Ion: 136 Resp: 131749

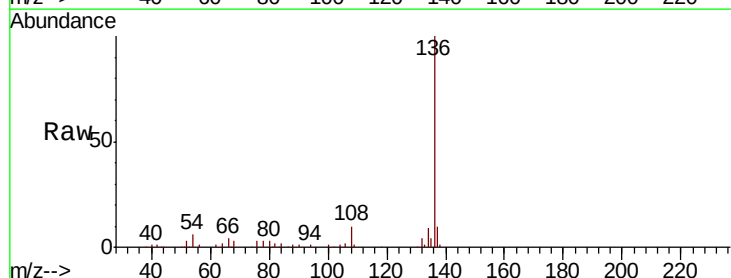
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.4 4.9 7.3

68 3.3 3.6 5.4#



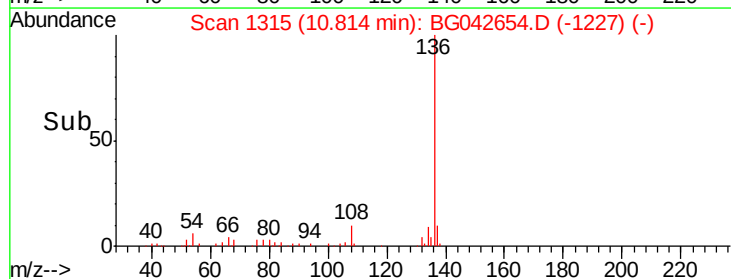
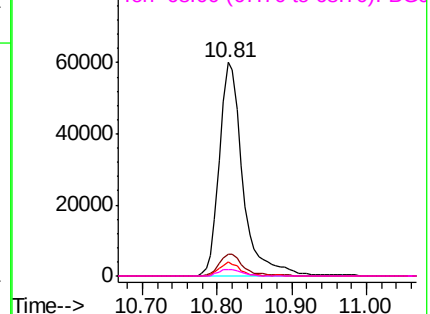
Abundance

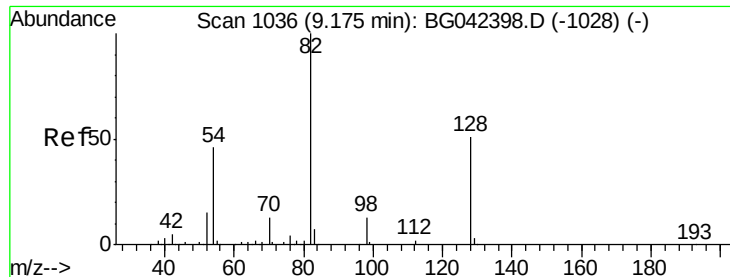
Ion 136.00 (135.70 to 136.70): BGC

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

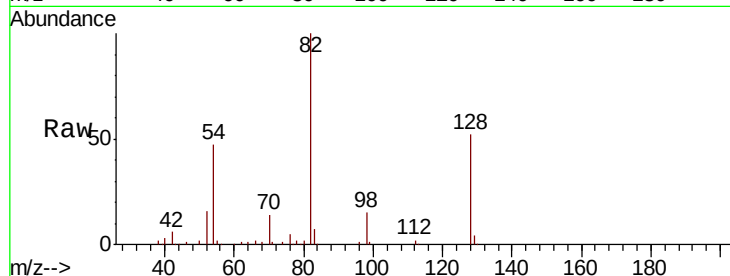




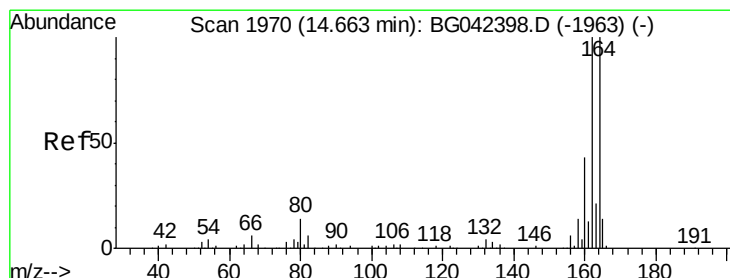
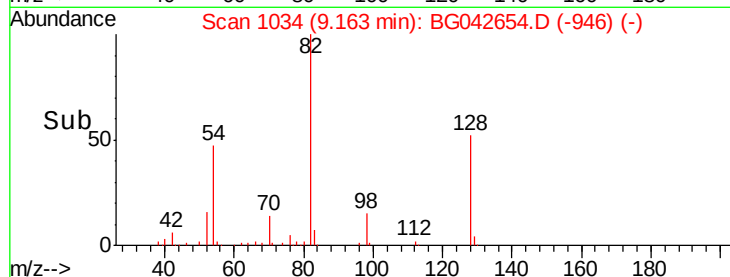
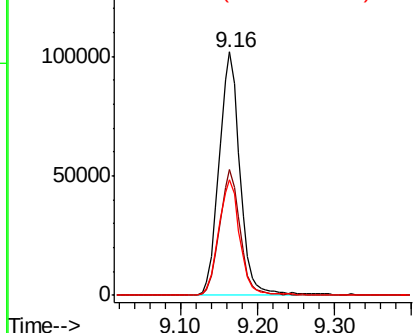
#23
Nitrobenzene-d5
Concen: 100.451 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042654.D
Acq: 1 Sep 2019 5:20

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 191513
Ion Ratio Lower Upper
82 100
128 51.6 40.7 61.1
54 47.5 36.3 54.5

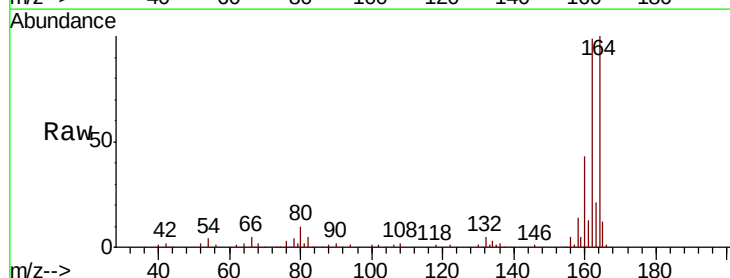


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

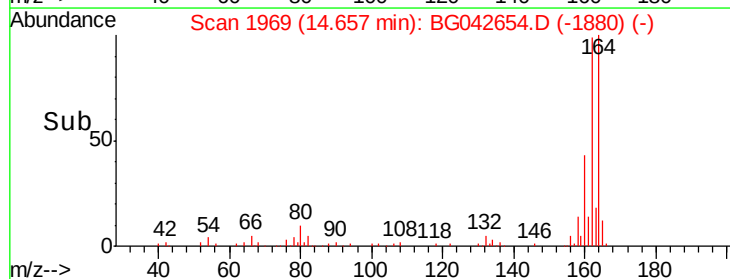
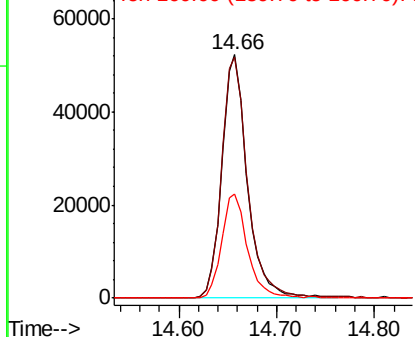


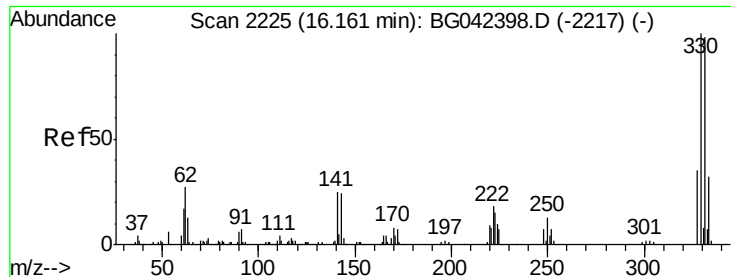
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042654.D
Acq: 1 Sep 2019 5:20

Tgt Ion:164 Resp: 94645
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.0 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: 146.604 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

Instrument :

BNA_G

ClientSampled :

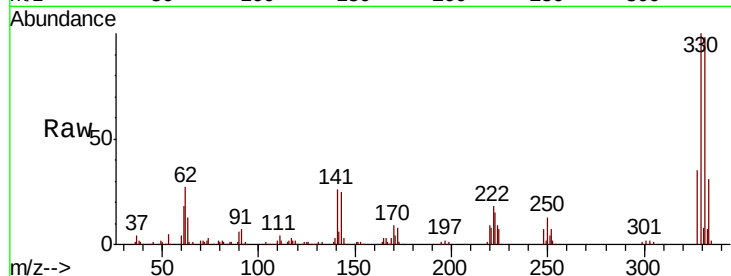
Tot Ion:330 Resp: 197215

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

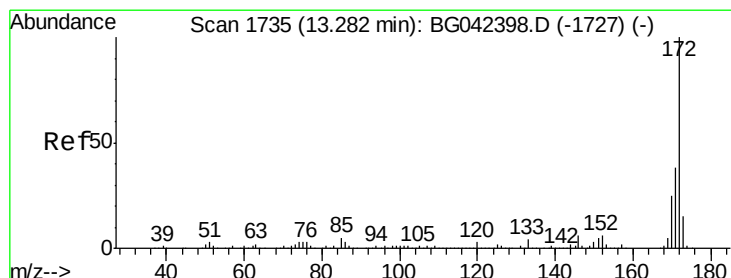
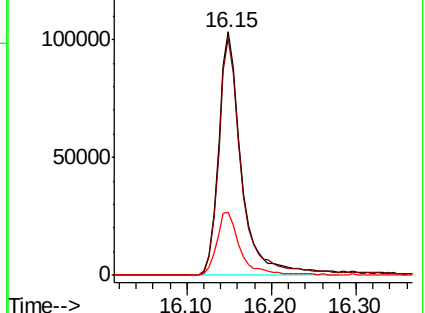
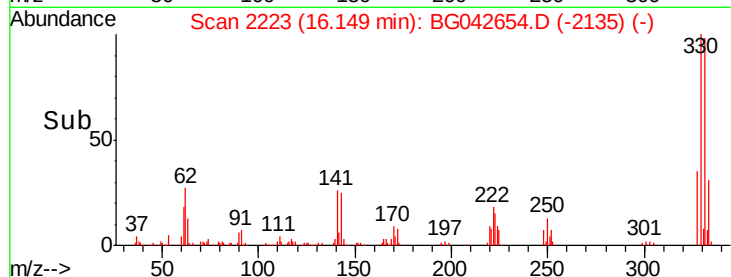
141 27.0 21.4 32.0



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: 111.214 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

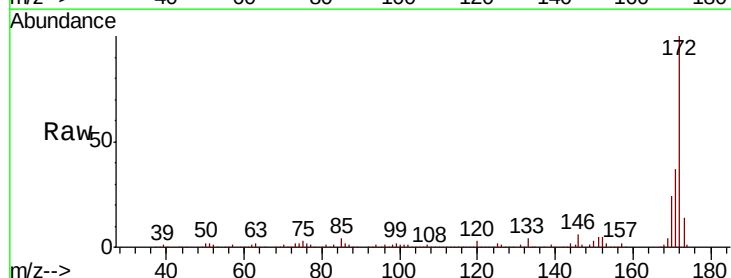
Tgt Ion:172 Resp: 622361

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

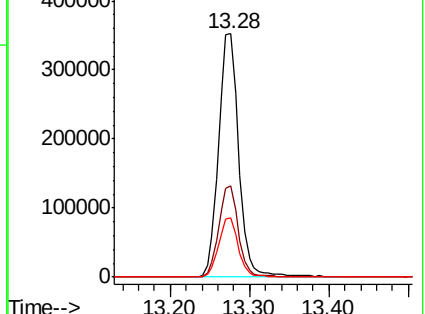
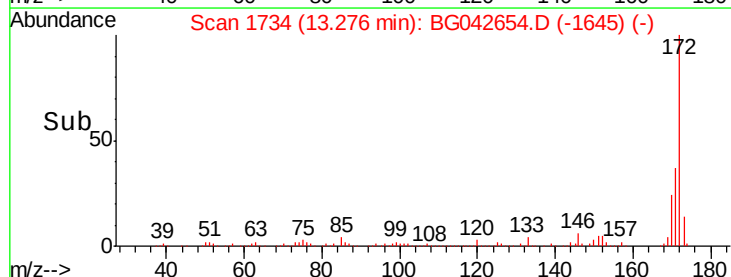
170 24.3 20.2 30.2

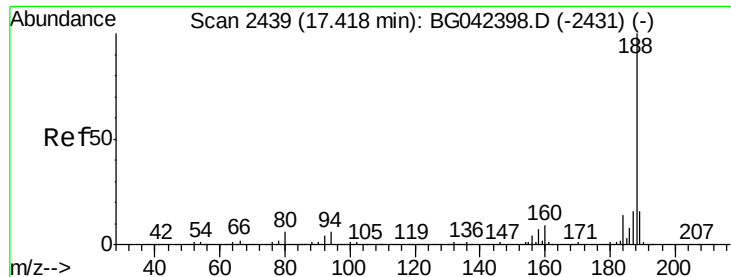


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

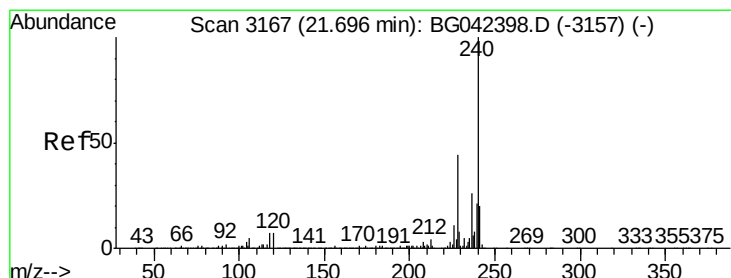
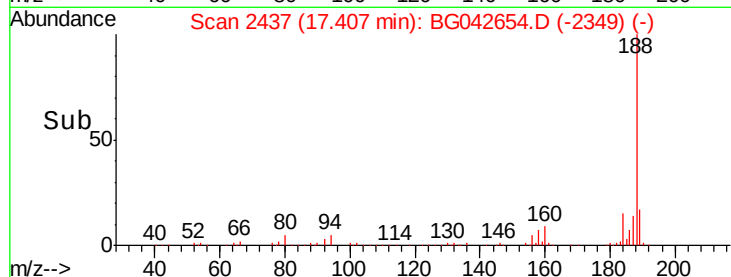
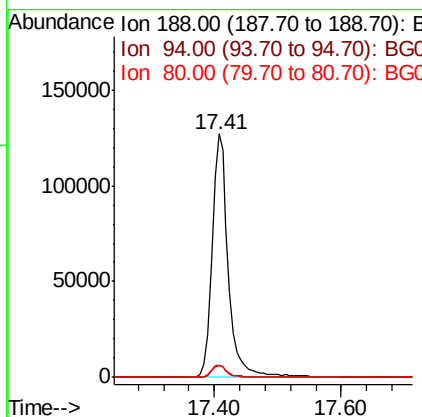
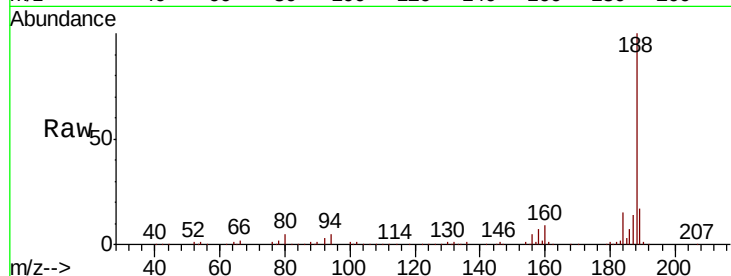




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042654.D
Acq: 1 Sep 2019 5:20

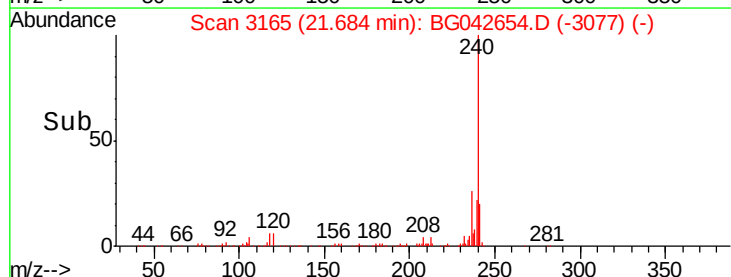
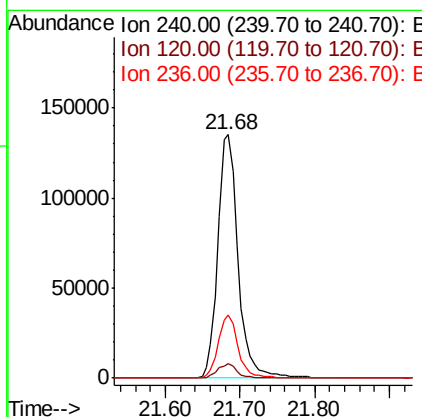
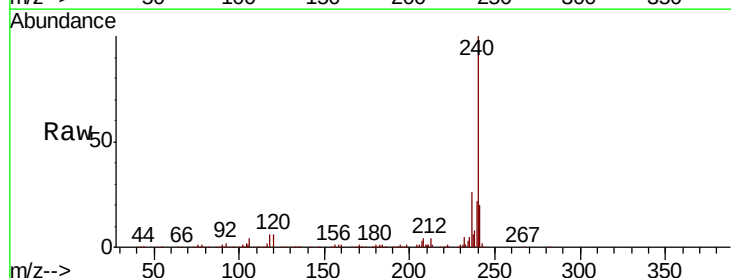
Instrument :
BNA_G
ClientSampleId :

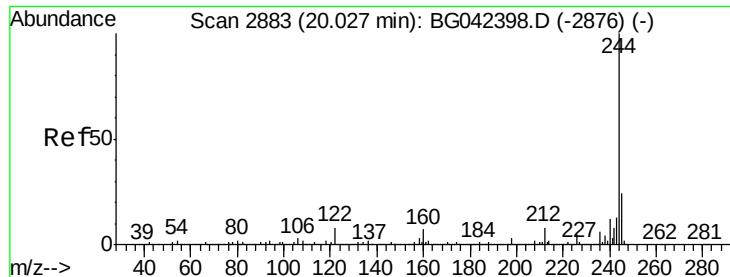
Tot Ion:188 Resp: 228100
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.0 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042654.D
Acq: 1 Sep 2019 5:20

Tgt Ion:240 Resp: 254765
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 106.471 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

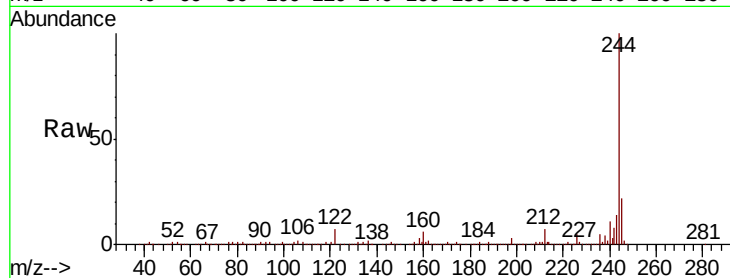
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1254680

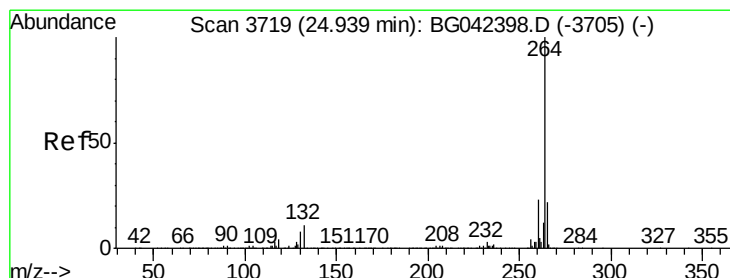
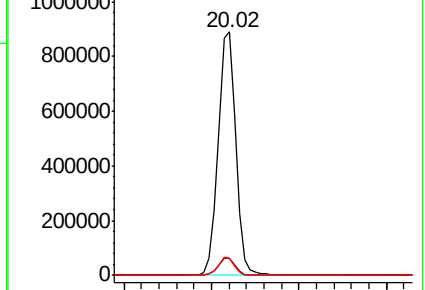
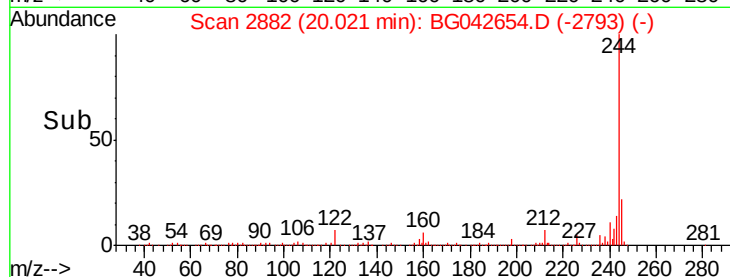
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	6.8	6.7	10.1



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: 24.92 min Scan# 3716

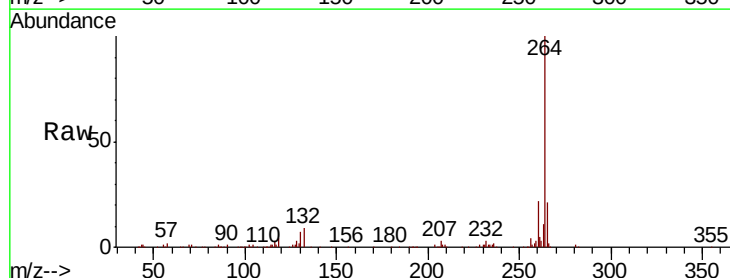
Delta R.T. -0.02 min

Lab File: BG042654.D

Acq: 1 Sep 2019 5:20

Tgt Ion:264 Resp: 293883

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	20.6	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

