

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041849.D
 Acq On : 1 Aug 2019 1:14
 Operator : HP/JU
 Sample : K4044-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Aug 01 04:07:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

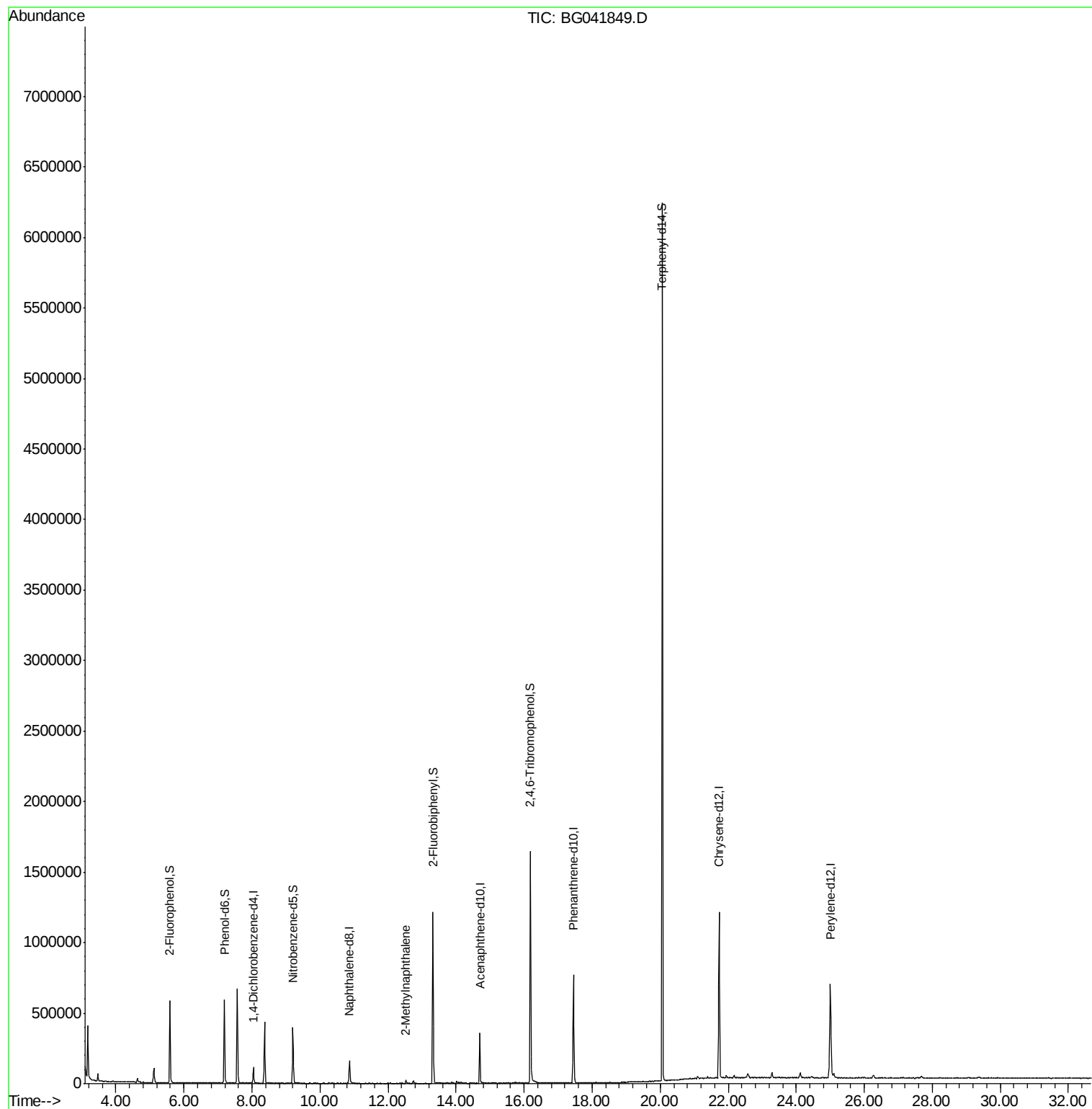
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	34065	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	151585	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	136033	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	500329	20.00	ng	0.00
76) Chrysene-d12	21.73	240	723037	20.00	ng	0.00
87) Perylene-d12	25.00	264	754685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	274330	156.68	ng	0.00
7) Phenol-d6	7.19	99	364292	154.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	247820	112.50	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	353579	228.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	714396	92.62	ng	0.00
79) Terphenyl-d14	20.06	244	2786952	88.20	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.53	142	12012	2.187	ng	Qvalue 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041849.D
Acq On : 1 Aug 2019 1:14
Operator : HP/JU
Sample : K4044-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Aug 01 04:07:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

TP-1

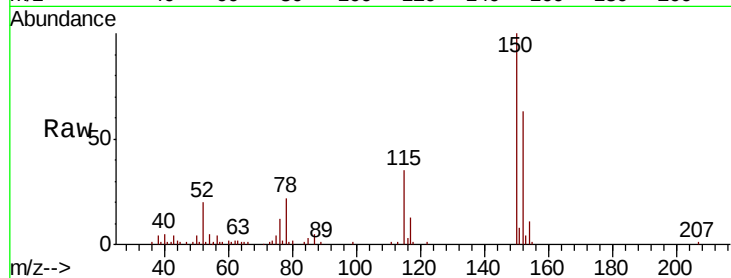
Tot Ion:152 Resp: 34065

Ion Ratio Lower Upper

152 100

150 159.5 126.9 190.3

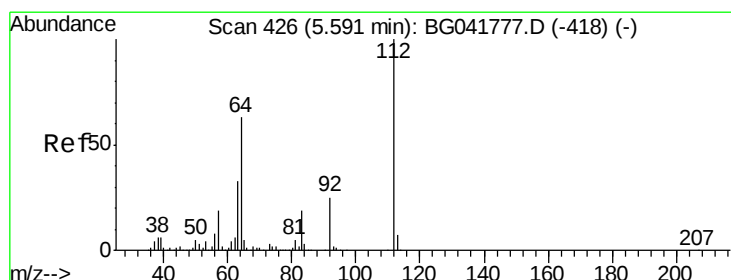
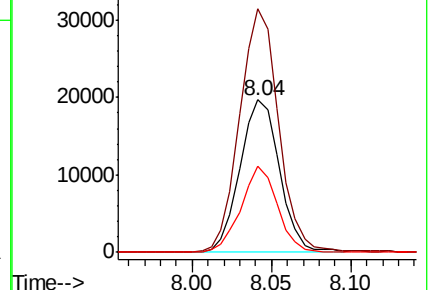
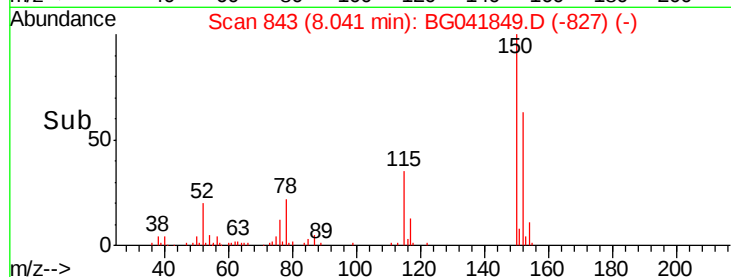
115 56.5 45.0 67.6



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: 156.683 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

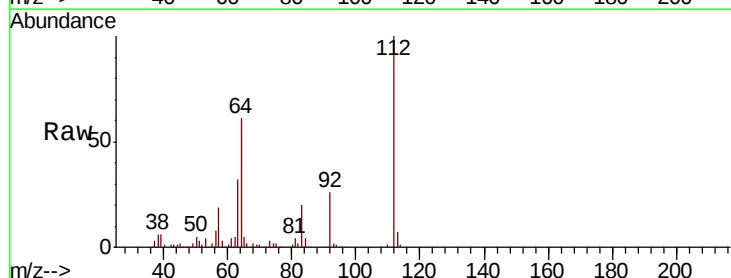
Tgt Ion:112 Resp: 274330

Ion Ratio Lower Upper

112 100

64 61.1 55.4 83.2

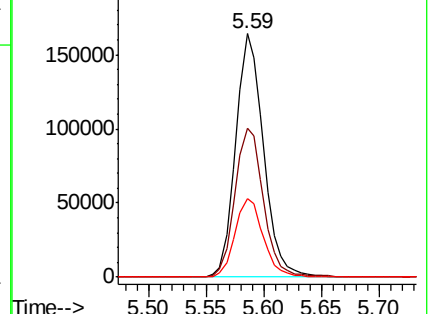
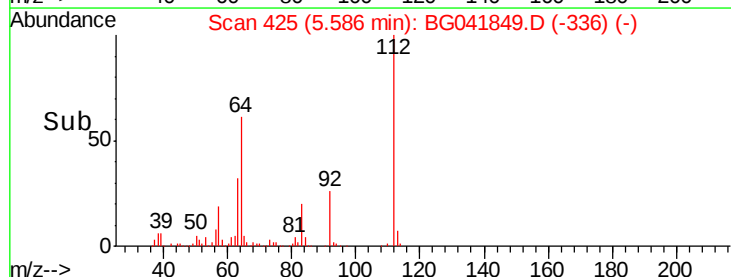
63 32.3 29.1 43.7

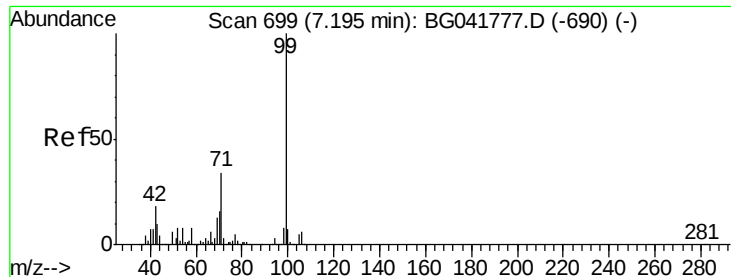


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.333 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

Instrument :

BNA_G

ClientSampled :

TP-1

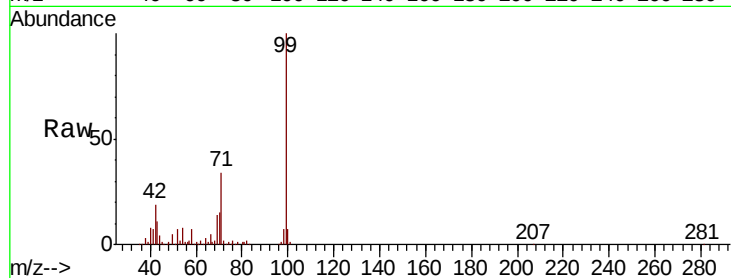
Tot Ion: 99 Resp: 364292

Ion Ratio Lower Upper

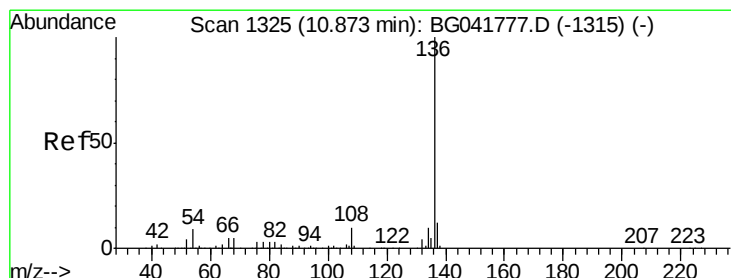
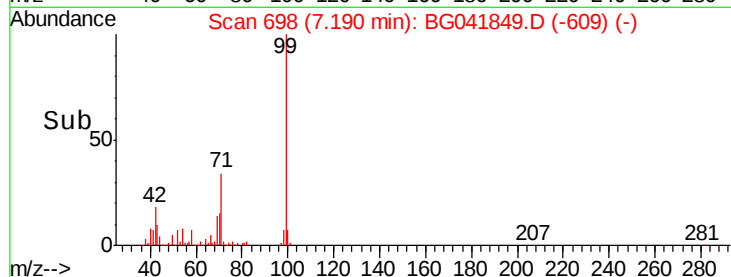
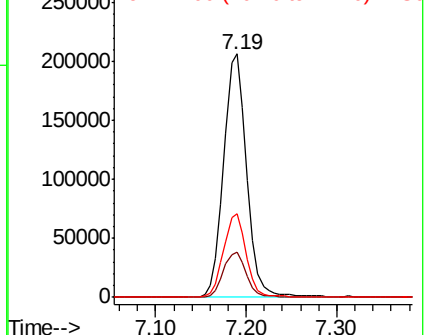
99 100

42 18.6 17.6 26.4

71 34.1 27.8 41.6



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

Tgt Ion: 136 Resp: 151585

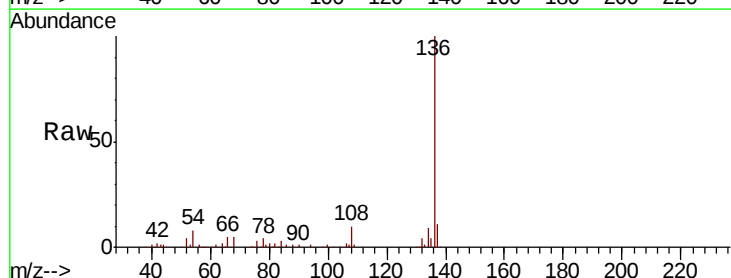
Ion Ratio Lower Upper

136 100

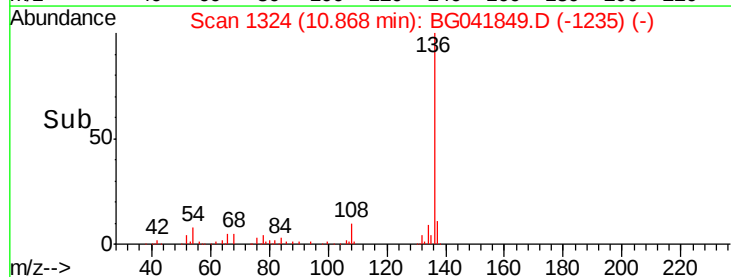
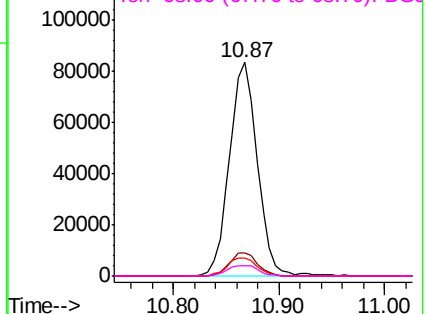
137 11.0 9.2 13.8

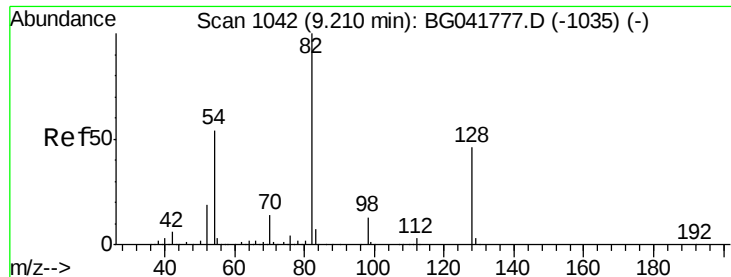
54 8.2 8.7 13.1#

68 5.1 5.5 8.3#



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

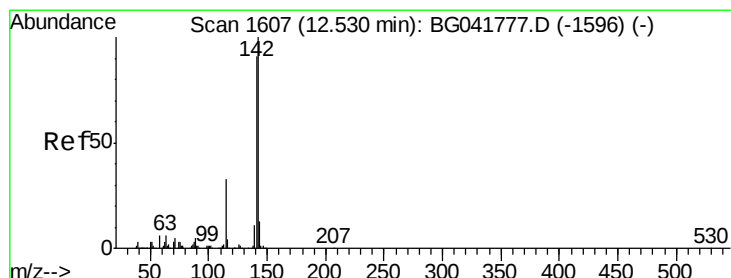
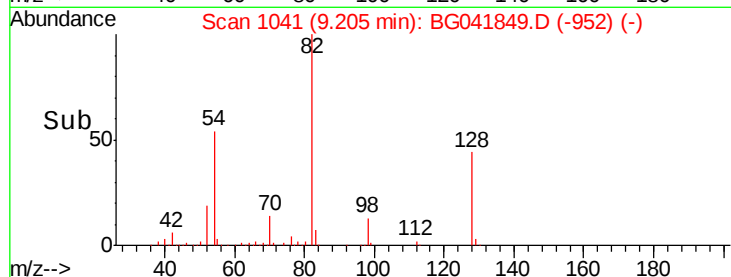
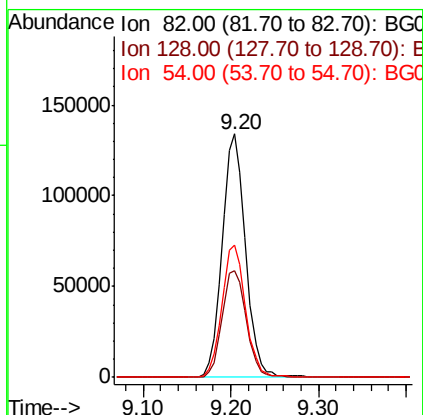
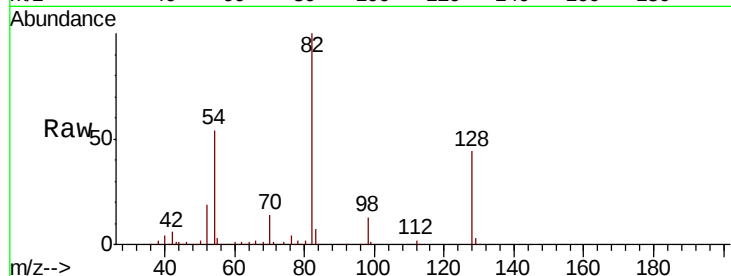




#23
Nitrobenzene-d5
Concen: 112.505 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

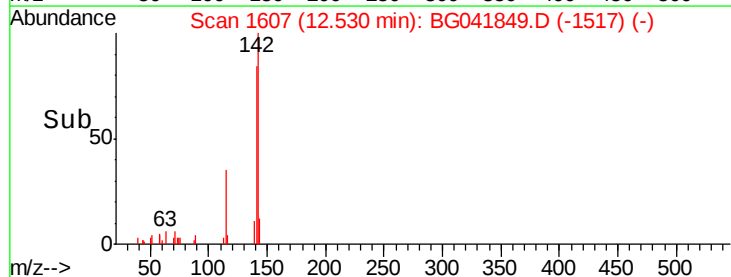
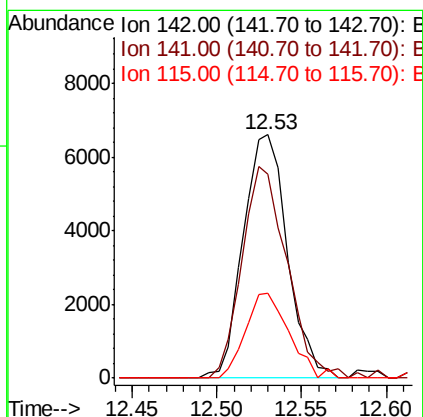
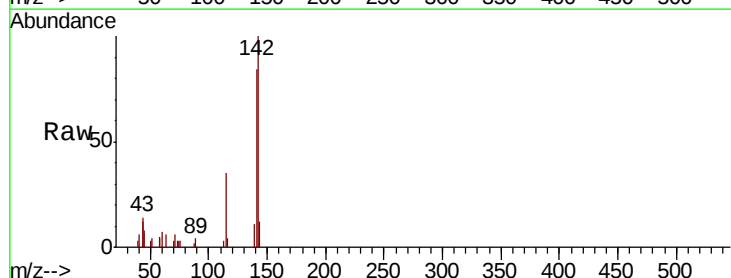
Instrument :
BNA_G
ClientSampleId :
TP-1

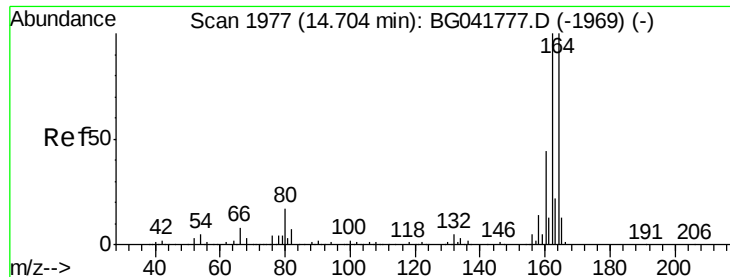
Tot Ion: 82 Resp: 247820
Ion Ratio Lower Upper
82 100
128 44.0 35.1 52.7
54 54.2 48.7 73.1



#37
2-Methylnaphthalene
Concen: 2.187 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion: 142 Resp: 12012
Ion Ratio Lower Upper
142 100
141 83.7 72.7 109.1
115 34.8 27.0 40.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

Instrument :

BNA_G

ClientSampled :

TP-1

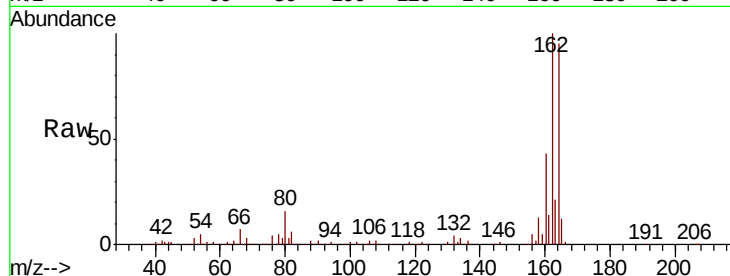
Tot Ion:164 Resp: 136033

Ion Ratio Lower Upper

164 100

162 105.1 79.6 119.4

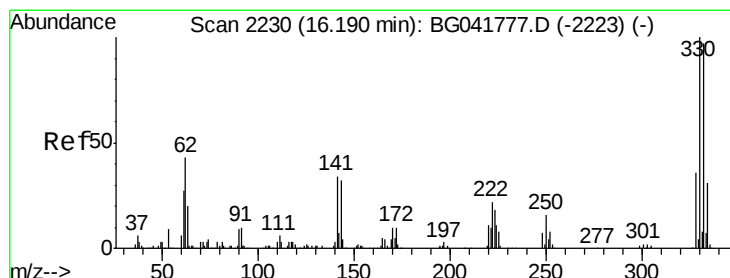
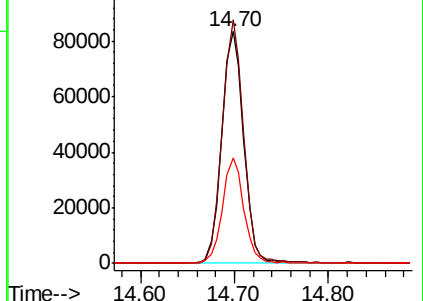
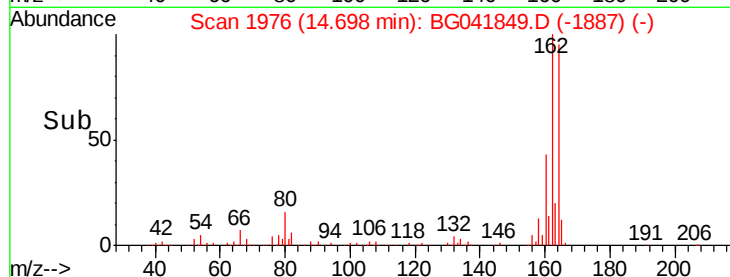
160 45.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 228.832 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG041849.D

Acq: 1 Aug 2019 1:14

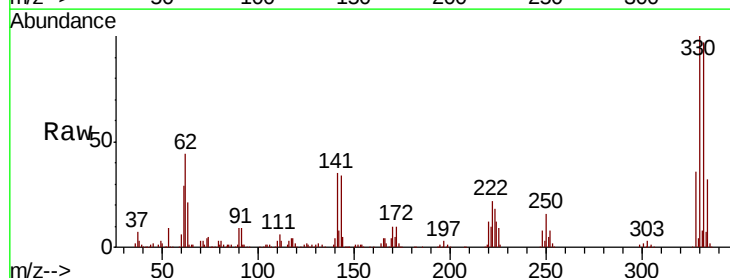
Tgt Ion:330 Resp: 353579

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

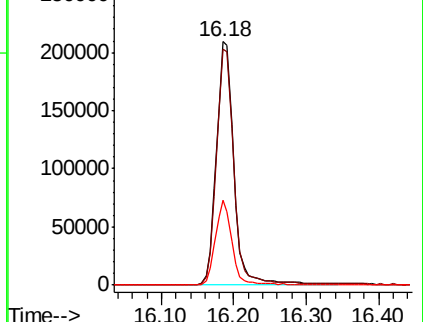
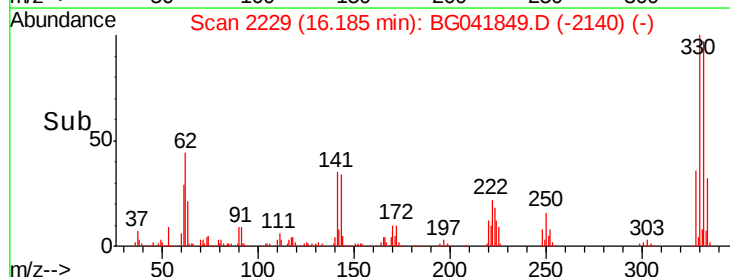
141 32.6 31.9 47.9

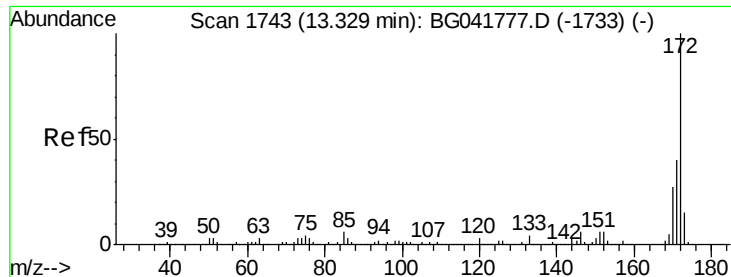


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

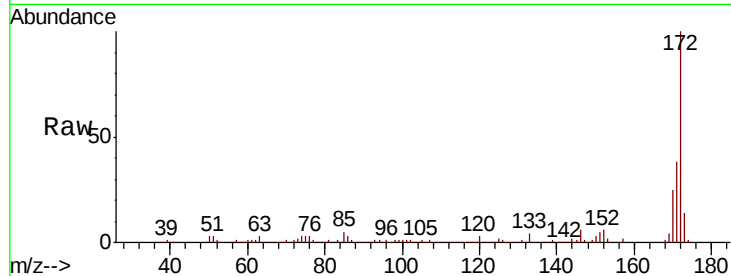




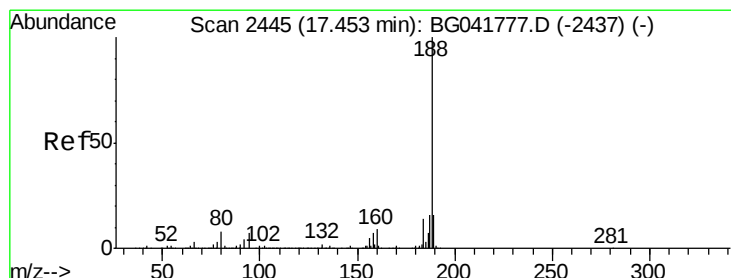
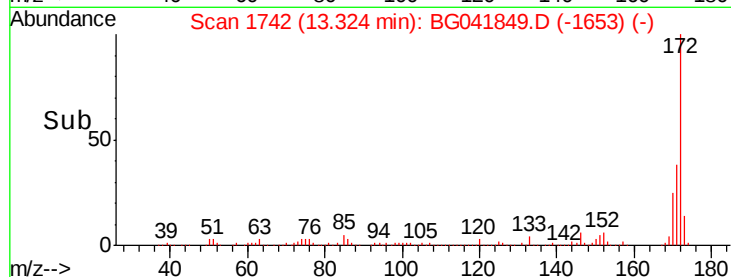
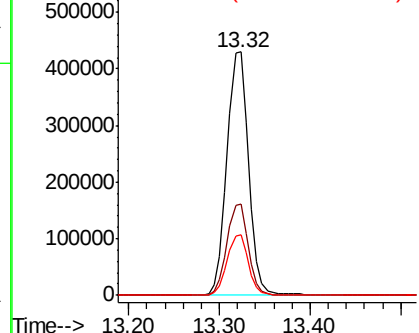
#45
 2-Fluorobiphenyl
 Concen: 92.624 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041849.D
 Acq: 1 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:172 Resp: 714396
 Ion Ratio Lower Upper
 172 100
 171 37.6 35.0 52.4
 170 24.7 23.5 35.3

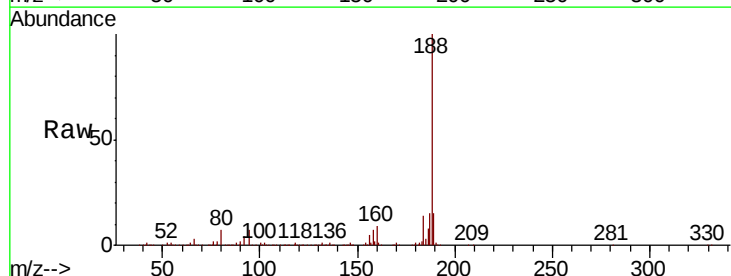


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

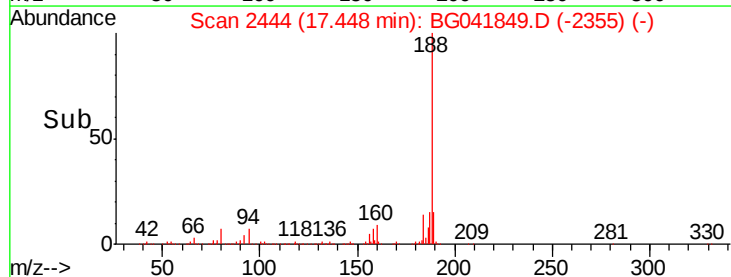
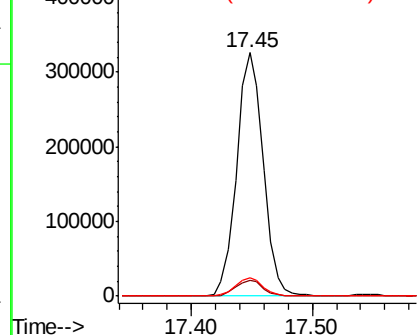


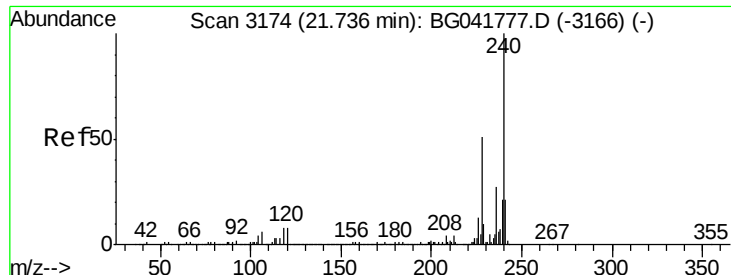
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041849.D
 Acq: 1 Aug 2019 1:14

Tgt Ion:188 Resp: 500329
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.3 8.0 12.0#



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

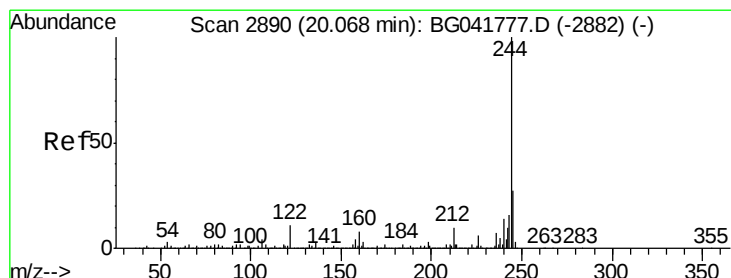
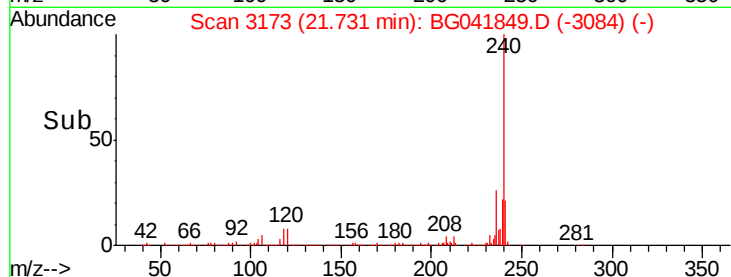
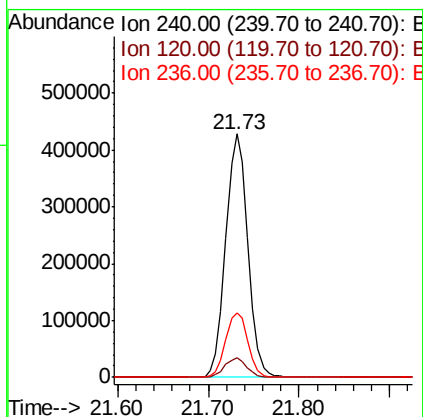
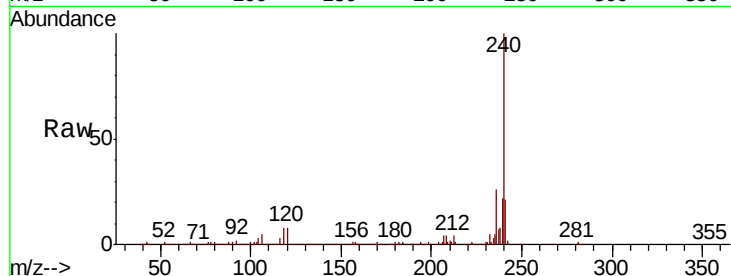




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

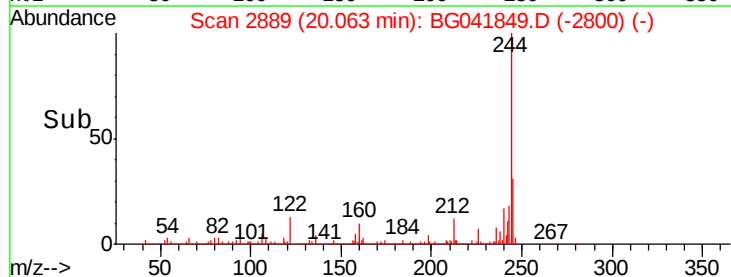
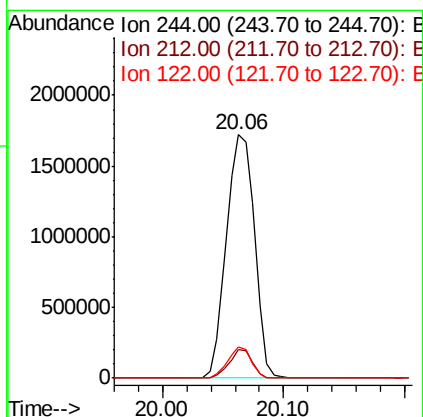
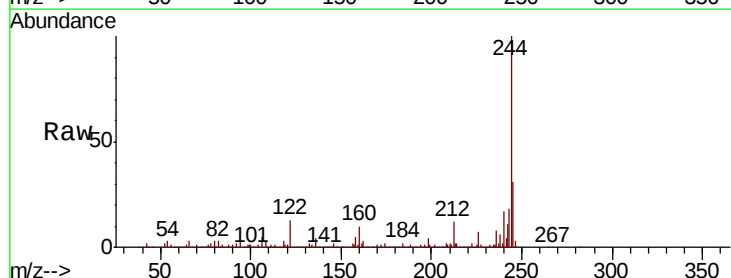
Instrument :
BNA_G
ClientSampled :
TP-1

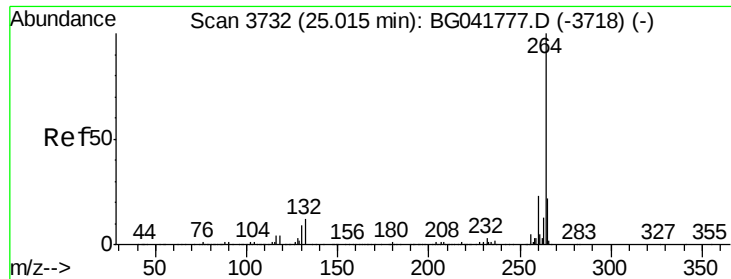
Tot Ion:240 Resp: 723037
Ion Ratio Lower Upper
240 100
120 8.0 8.0 12.0#
236 26.5 22.6 33.8



#79
Terphenyl-d14
Concen: 88.201 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:244 Resp: 2786952
Ion Ratio Lower Upper
244 100
212 11.6 9.7 14.5
122 13.0 12.5 18.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041849.D
 Acq: 1 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	18.0	27.0

