

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041798.D
 Acq On : 30 Jul 2019 11:27
 Operator : HP/JU
 Sample : PB121767BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

Quant Time: Jul 31 02:20:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	103065	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	400706	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	288797	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	700642	20.00	ng	0.00
76) Chrysene-d12	21.74	240	741325	20.00	ng	0.00
87) Perylene-d12	25.01	264	844827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	713193	134.63	ng	0.00
7) Phenol-d6	7.20	99	968850	135.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	571190	98.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	490968	149.67	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1572831	96.05	ng	0.00
79) Terphenyl-d14	20.07	244	2677310	82.64	ng	0.00

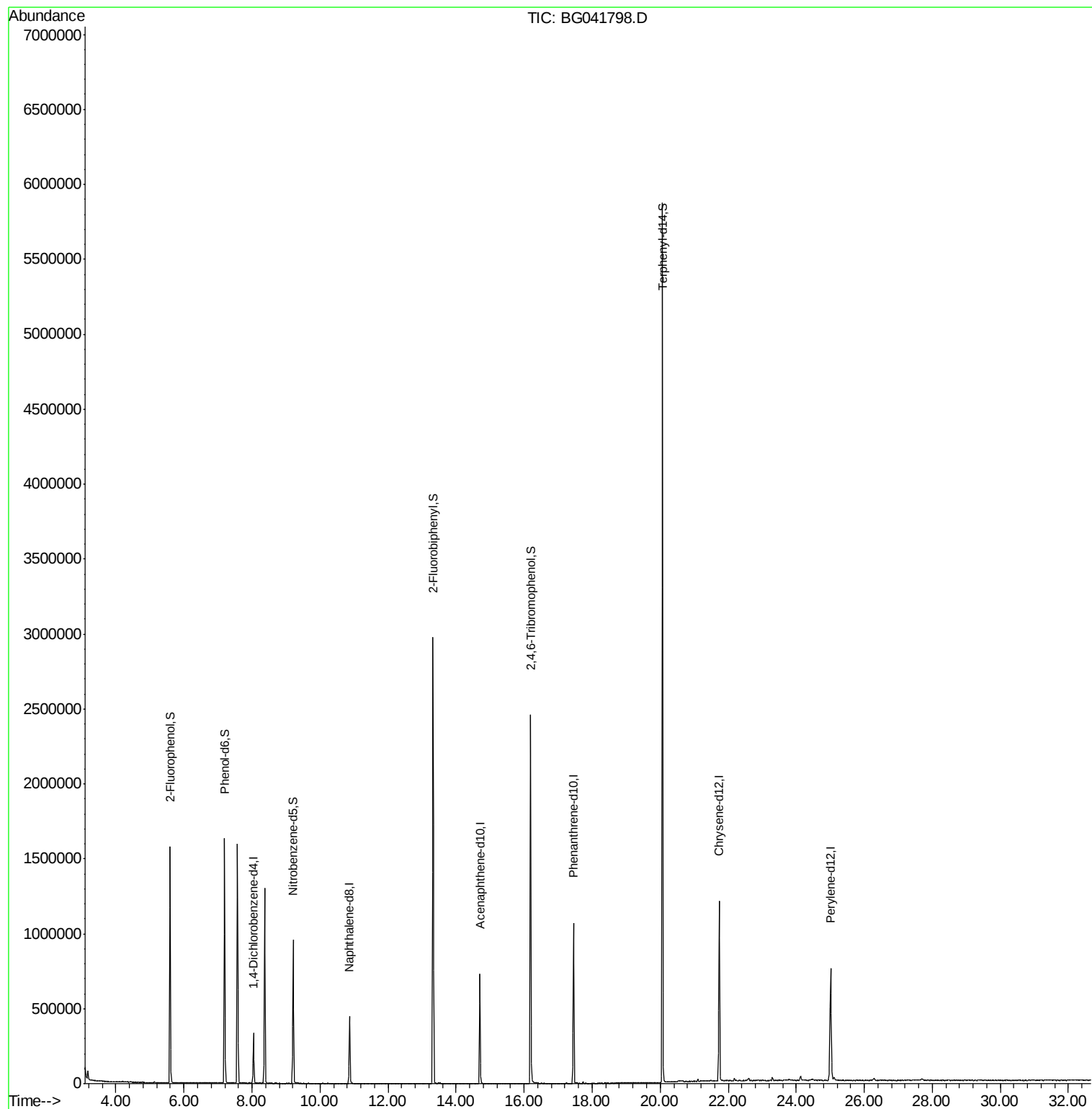
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041798.D
Acq On : 30 Jul 2019 11:27
Operator : HP/JU
Sample : PB121767BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121767BL

Quant Time: Jul 31 02:20:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration



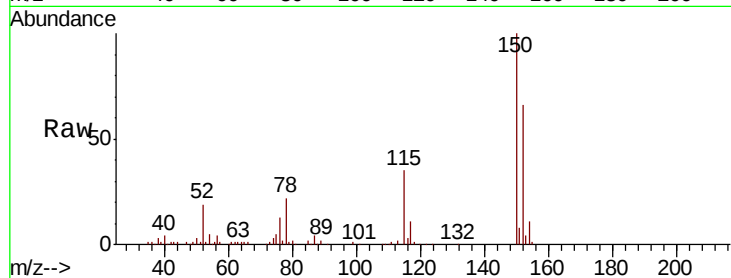


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041798.D
Acq: 30 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB121767BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	52.7	45.0	67.6

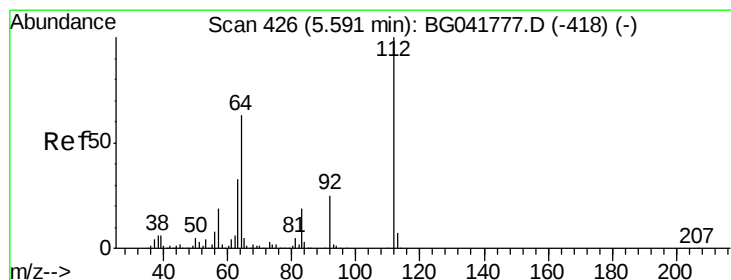
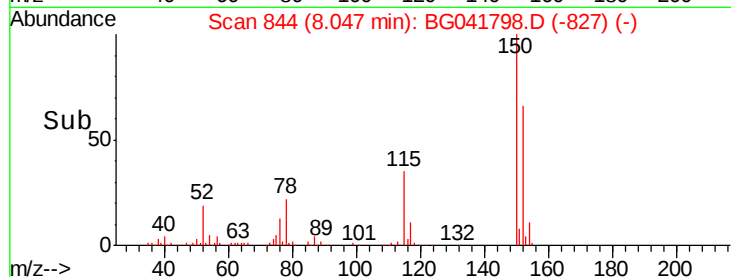
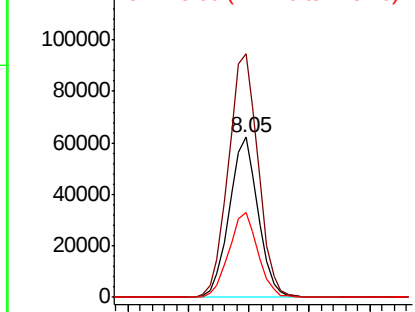


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

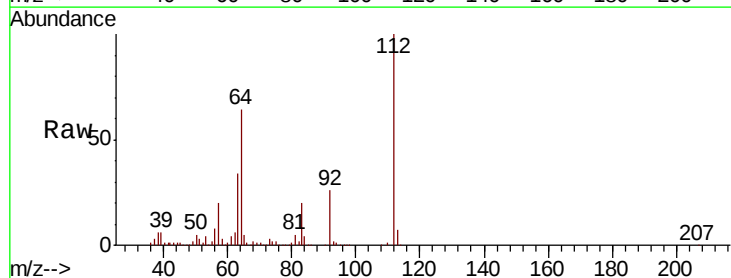
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.634 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041798.D
Acq: 30 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	55.4	83.2
63	34.2	29.1	43.7

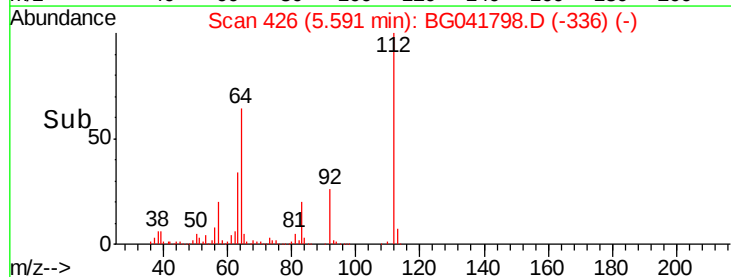
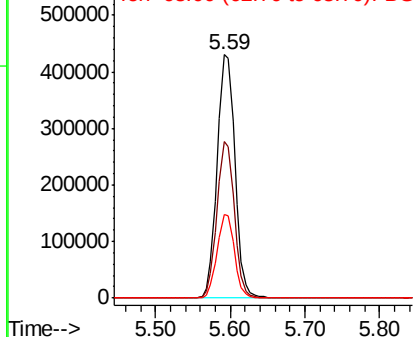


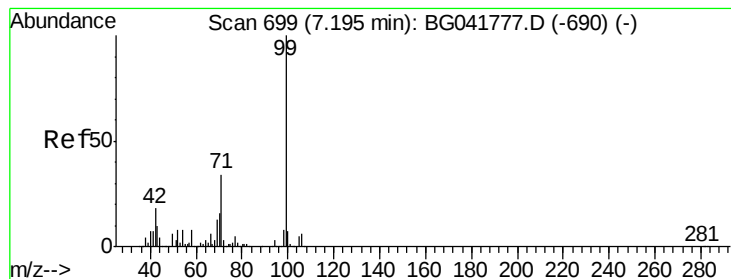
Abundance

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: 135.663 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

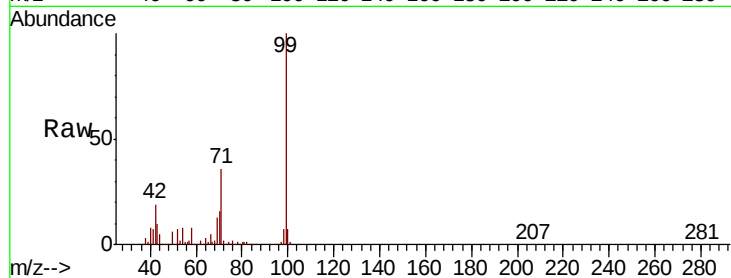
Tot Ion: 99 Resp: 968850

Ion Ratio Lower Upper

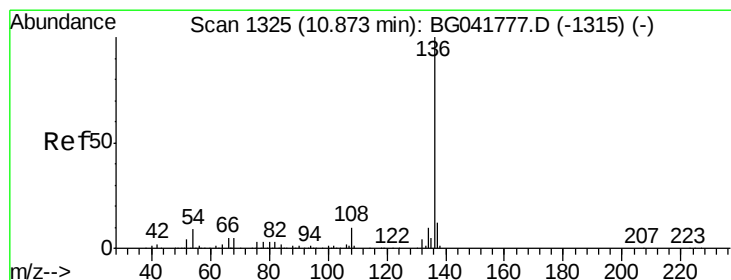
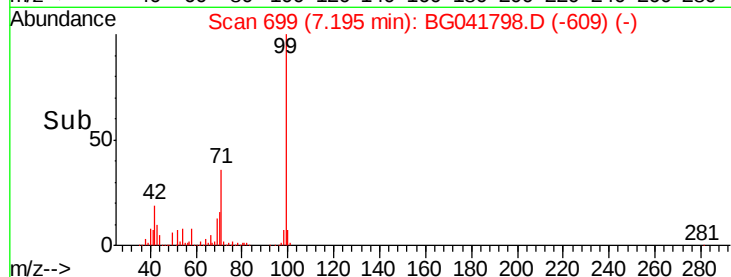
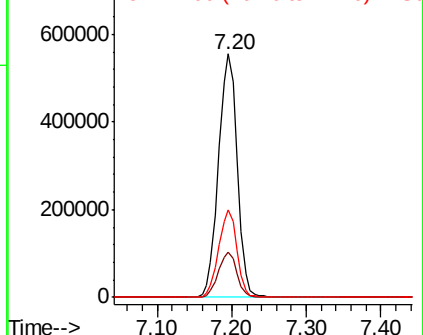
99 100

42 18.7 17.6 26.4

71 35.8 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: BG041798.D

Acq: 30 Jul 2019 11:27

Tgt Ion: 136 Resp: 400706

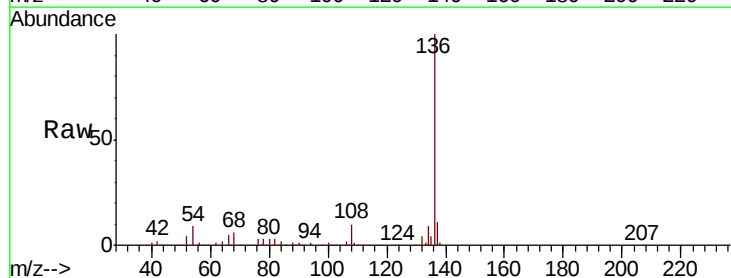
Ion Ratio Lower Upper

136 100

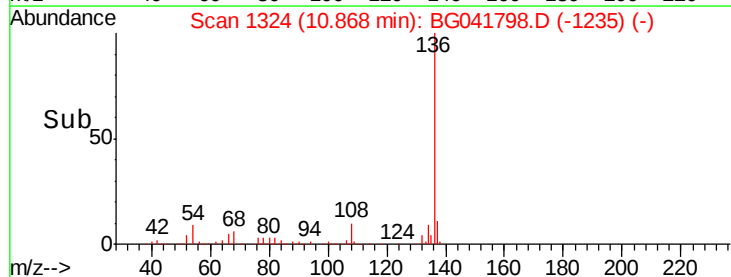
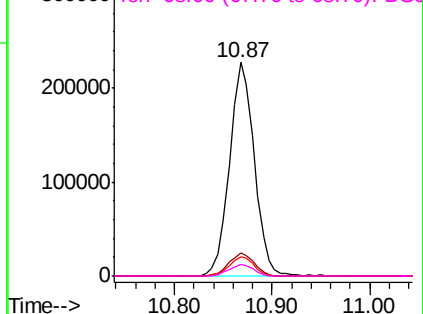
137 10.8 9.2 13.8

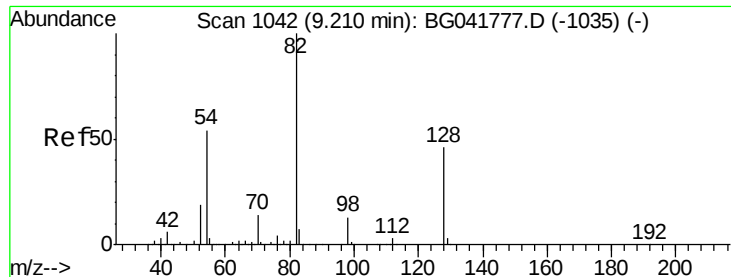
54 8.8 8.7 13.1

68 5.6 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

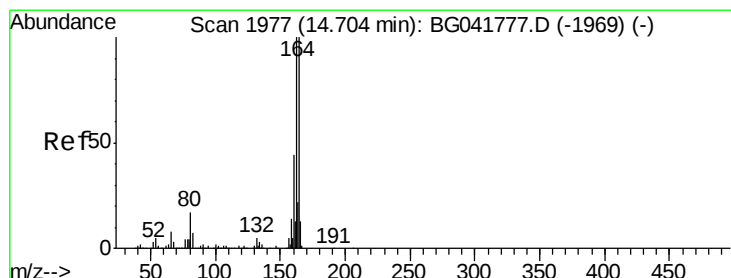
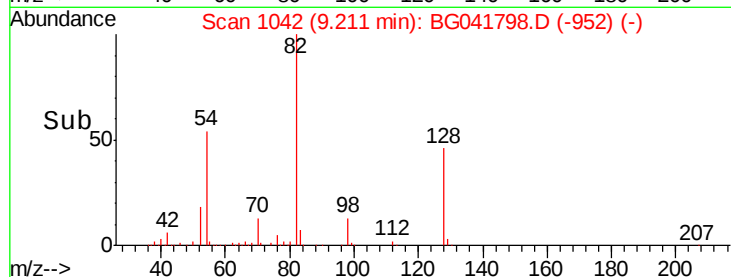
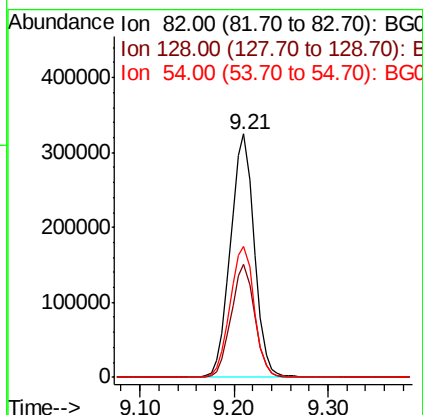
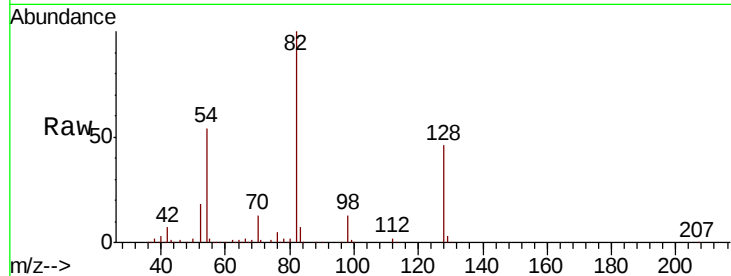




#23
 Nitrobenzene-d5
 Concen: 98.095 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

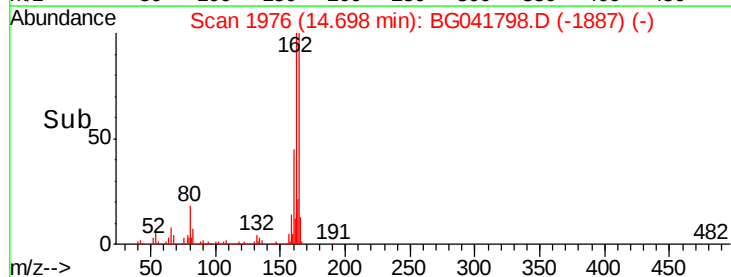
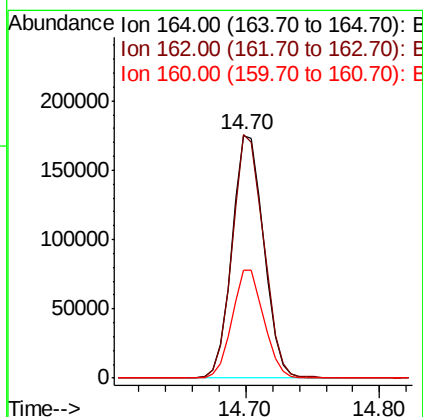
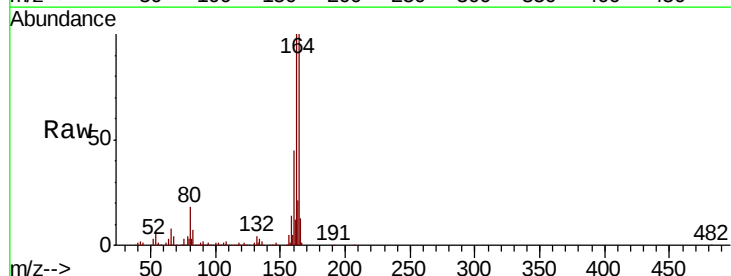
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BL

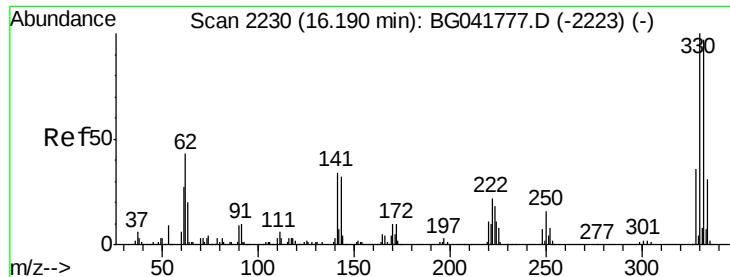
Tot Ion	82	Resp	571190
Ion Ratio	Lower	Upper	
82	100		
128	46.5	35.1	52.7
54	53.8	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041798.D
 Acq: 30 Jul 2019 11:27

Tgt Ion	164	Resp	288797
Ion Ratio	Lower	Upper	
164	100		
162	100.3	79.6	119.4
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 149.670 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

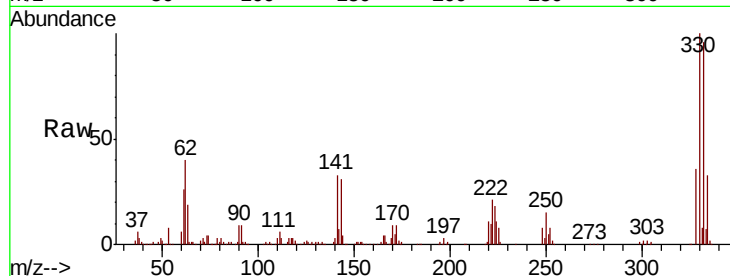
Tot Ion:330 Resp: 490968

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 33.3 31.9 47.9

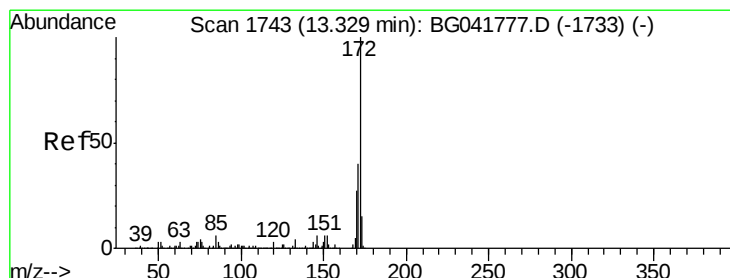
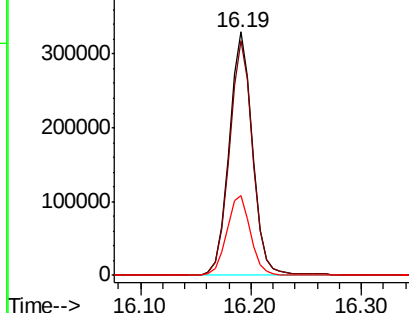
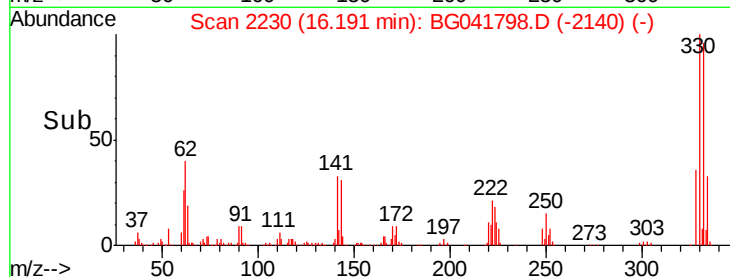


Abundance

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: 96.055 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

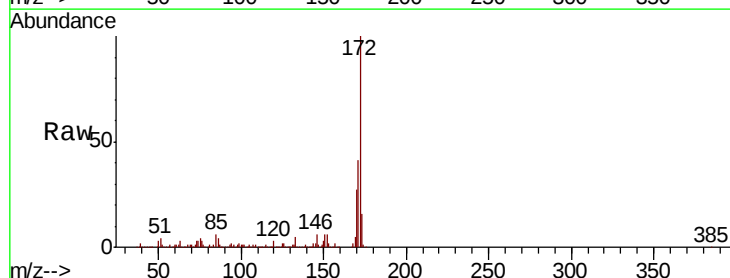
Tgt Ion:172 Resp: 1572831

Ion Ratio Lower Upper

172 100

171 41.0 35.0 52.4

170 27.1 23.5 35.3

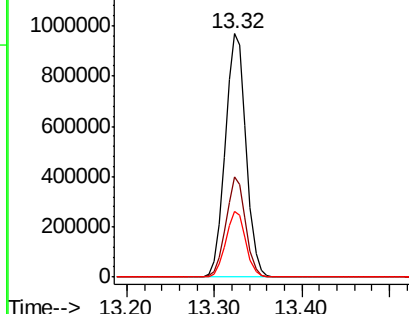
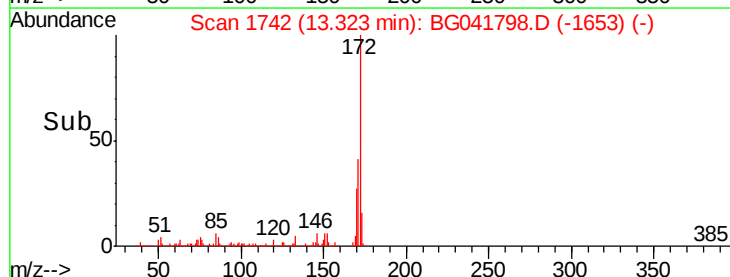


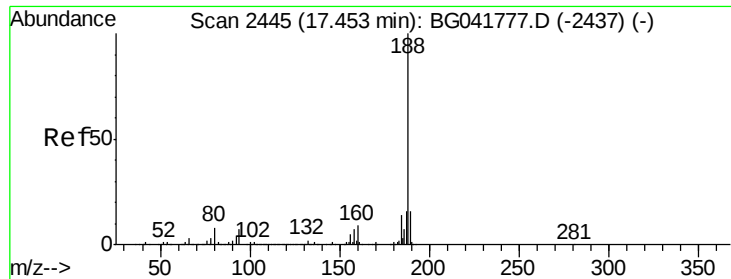
Abundance

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# 2445

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB121767BL

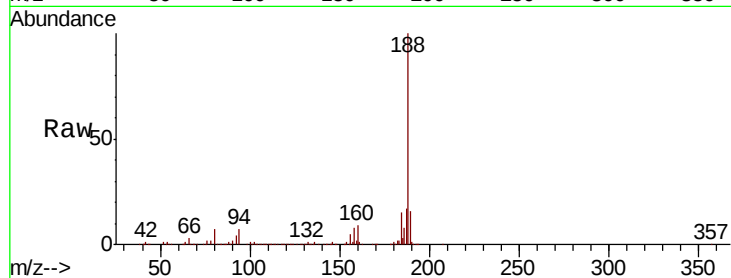
Tot Ion:188 Resp: 700642

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

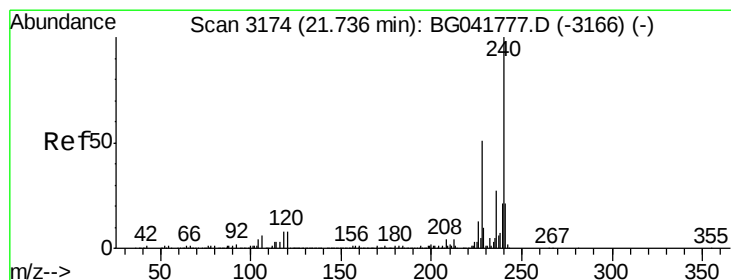
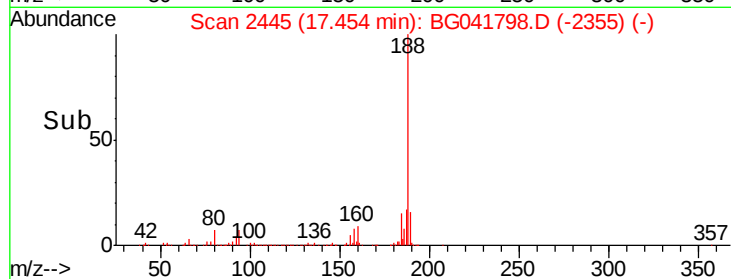
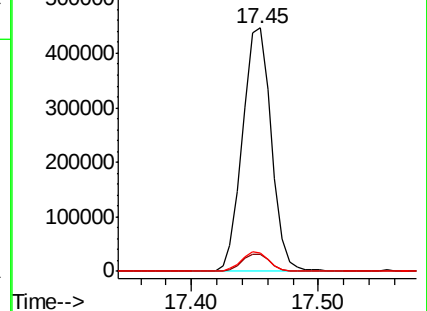
80 7.4 8.0 12.0#



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

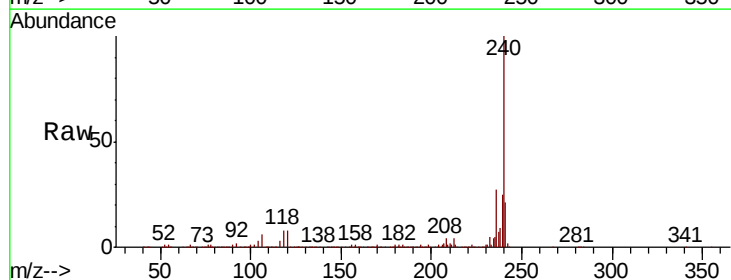
Tgt Ion:240 Resp: 741325

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

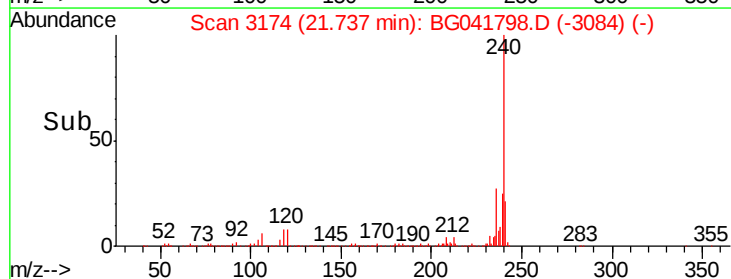
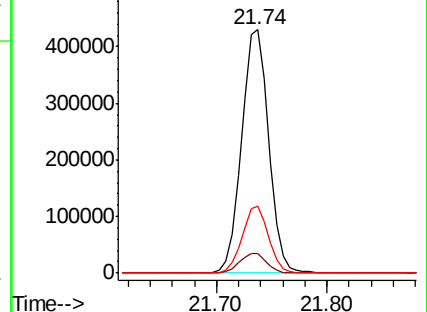
236 27.4 22.6 33.8

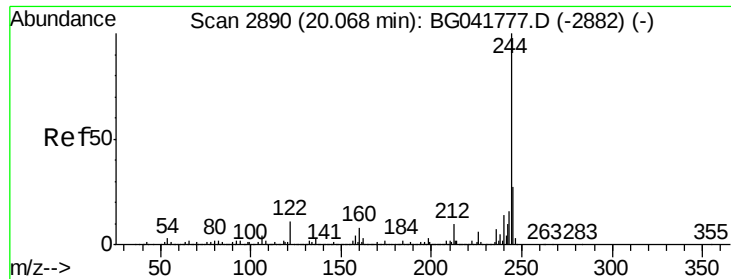


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.641 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Instrument :

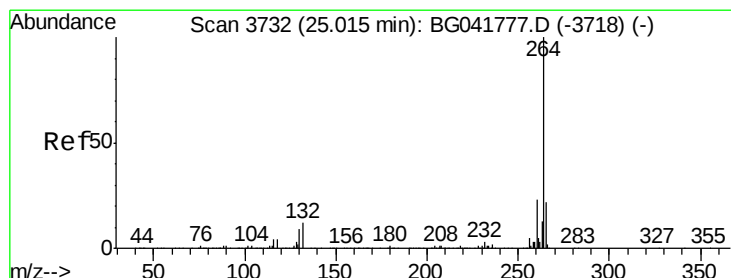
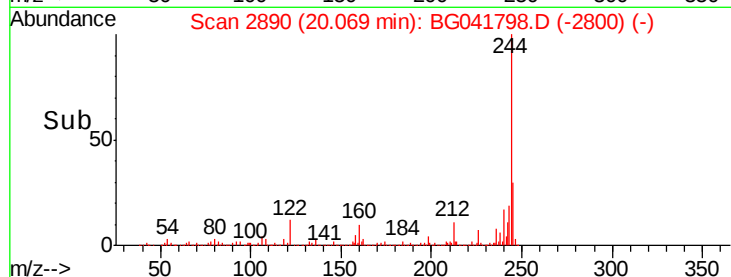
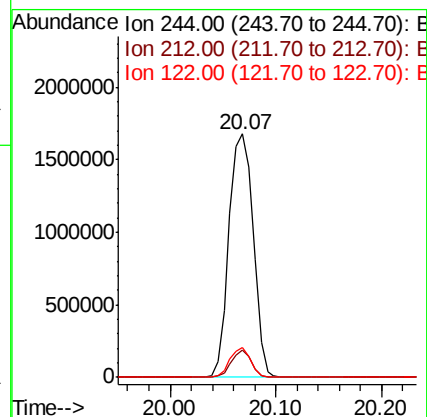
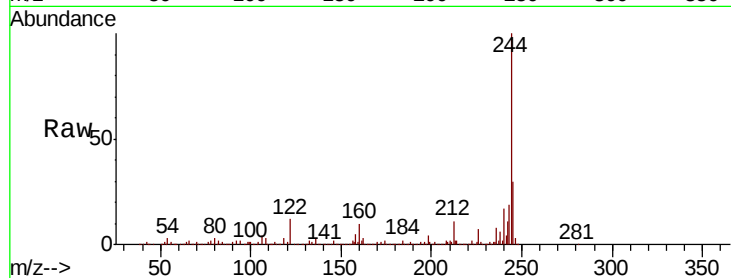
BNA_G

ClientSampleId :

PB121767BL

Tot Ion:244 Resp: 2677310

Ion	Ratio	Lower	Upper
244	100		
212	11.3	9.7	14.5
122	12.4	12.5	18.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041798.D

Acq: 30 Jul 2019 11:27

Tgt Ion:264 Resp: 844827

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	18.0	27.0

