

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040407.D
 Acq On : 9 Apr 2019 20:26
 Operator : JU/SJ
 Sample : PB118717BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118717BL

Quant Time: Apr 10 04:19:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59806	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	233055	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	145421	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	388879	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	448934	20.00	ng	-0.04
87) Perylene-d12	24.98	264	440561	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	294167	81.77	ng	-0.02
7) Phenol-d6	7.20	99	390161	78.47	ng	-0.02
23) Nitrobenzene-d5	9.22	82	344006	78.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	107086	68.14	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	798291	81.34	ng	-0.02
79) Terphenyl-d14	20.02	244	1362389	68.27	ng	-0.03

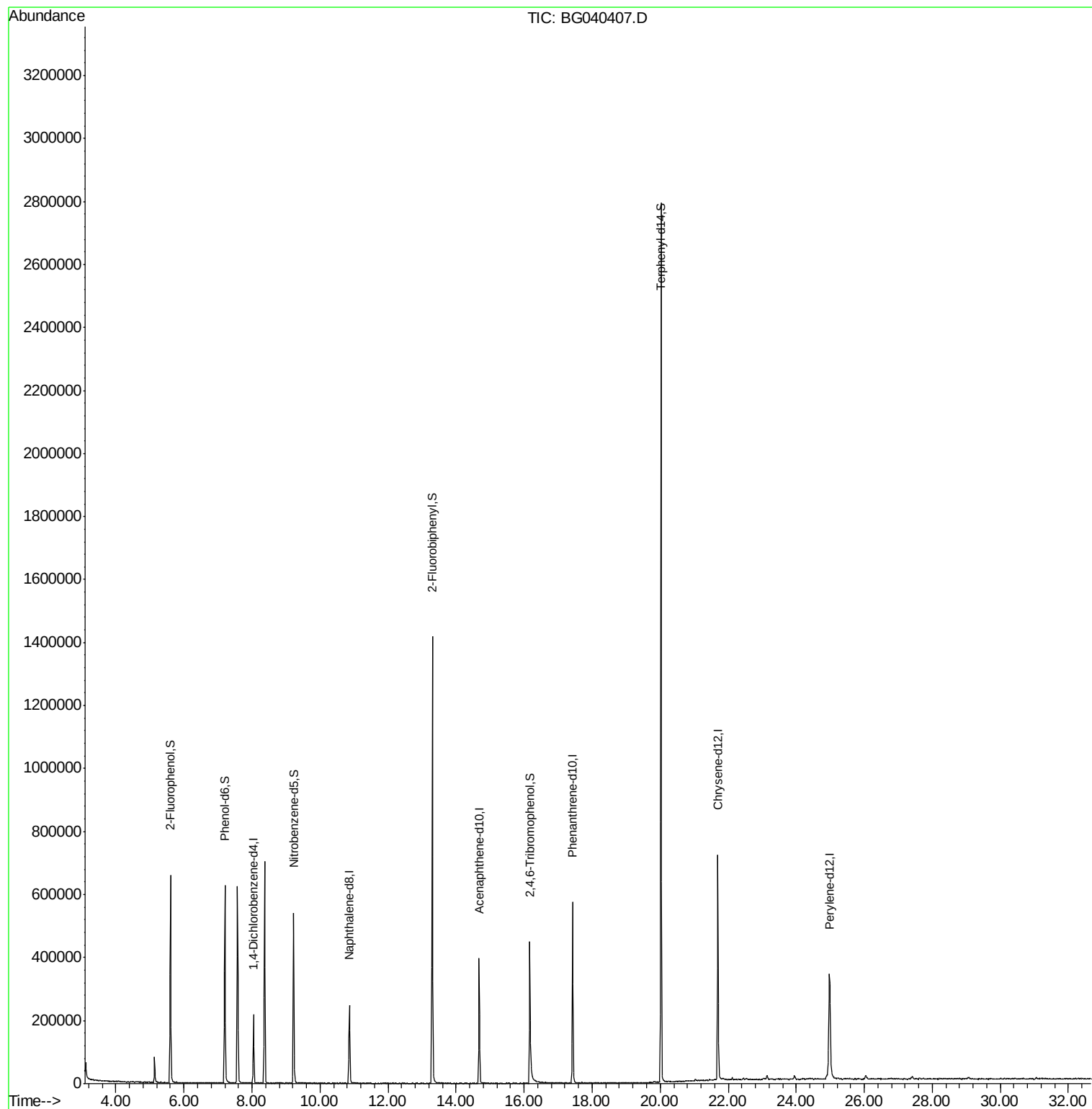
Target Compounds	Qvalue
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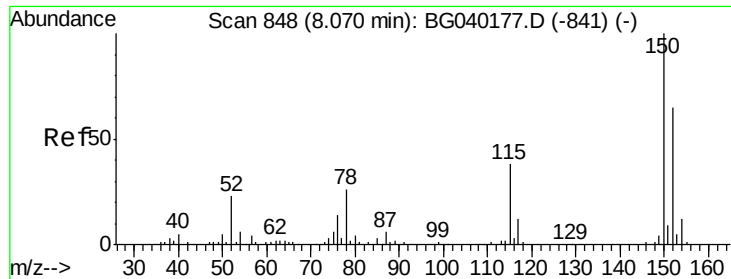
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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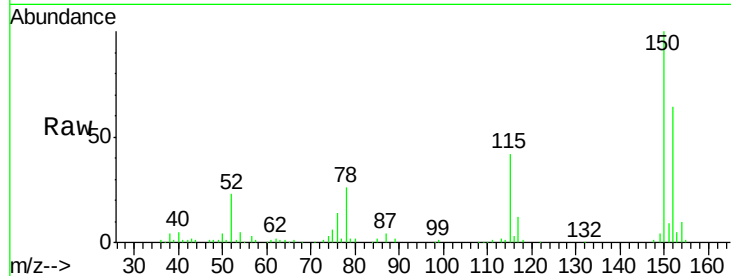


#1

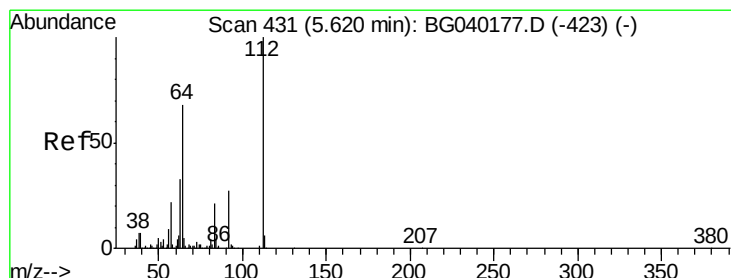
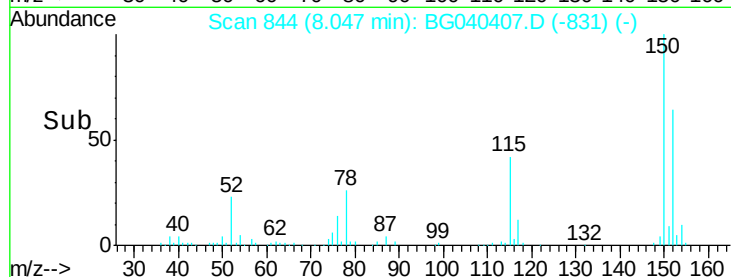
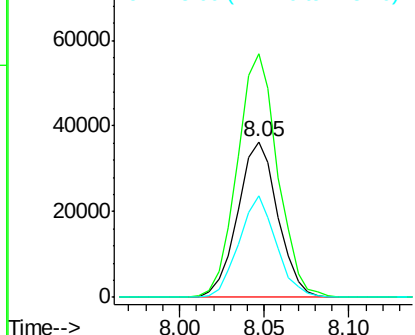
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
PB118717BL

Tgt Ion:152 Resp: 59806
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 65.4 46.9 70.3



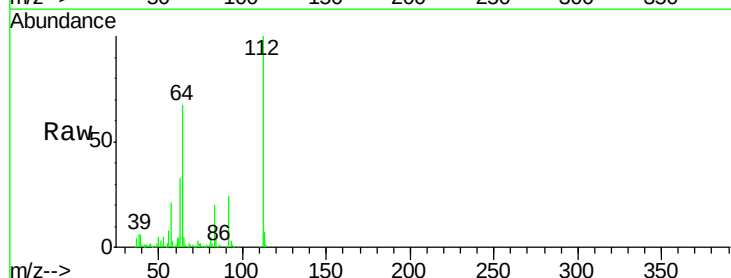
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



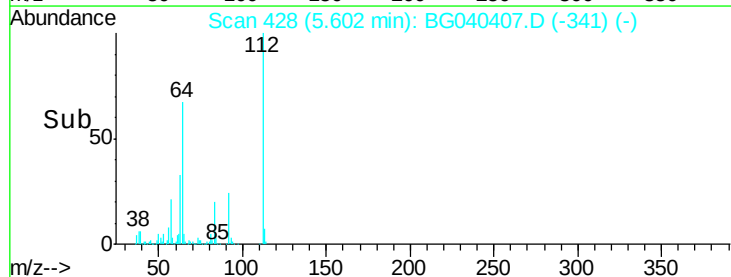
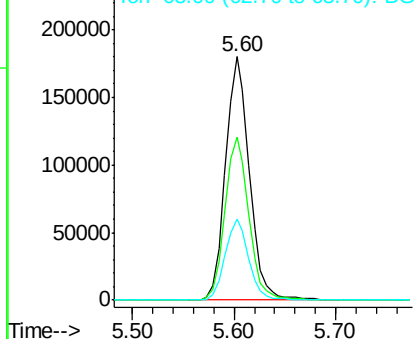
#5

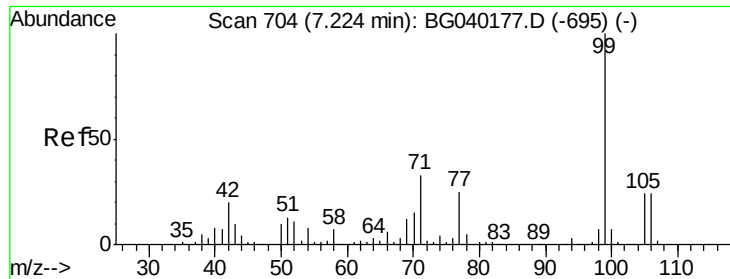
2-Fluorophenol
Concen: 81.769 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion:112 Resp: 294167
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.2
63 33.1 26.4 39.6



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: 78.474 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_G

ClientSampleId :

PB118717BL

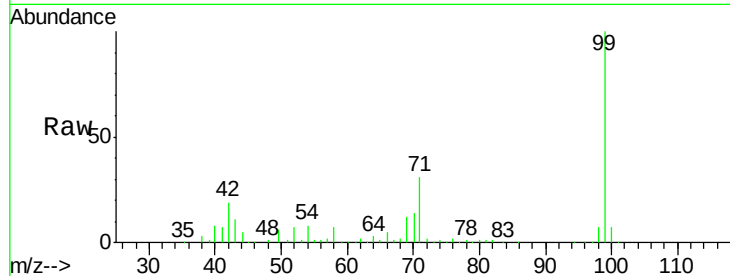
Tgt Ion: 99 Resp: 390161

Ion Ratio Lower Upper

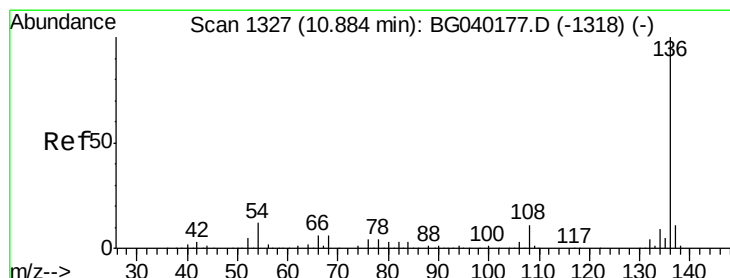
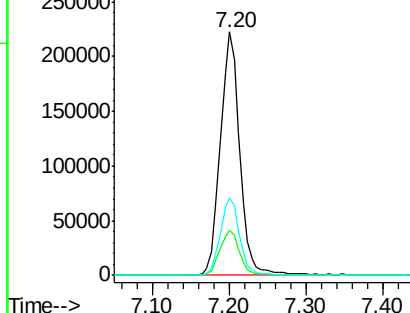
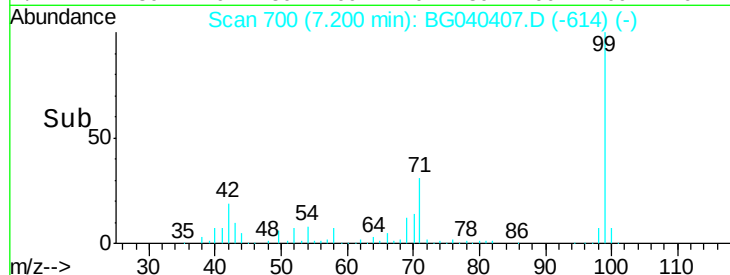
99 100

42 18.6 16.2 24.2

71 31.5 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Tgt Ion: 136 Resp: 233055

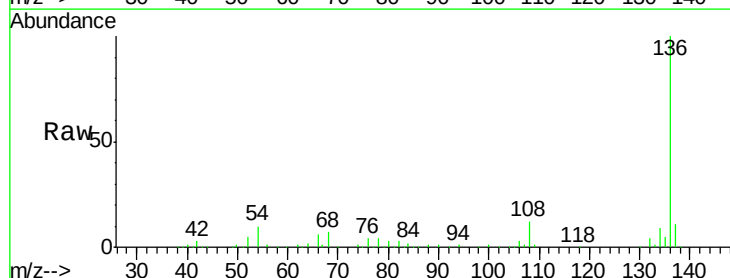
Ion Ratio Lower Upper

136 100

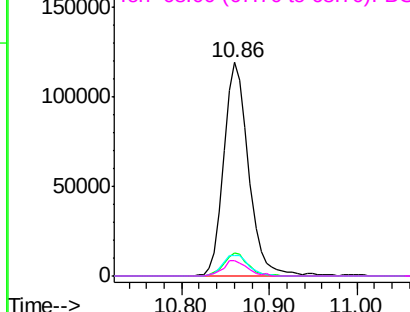
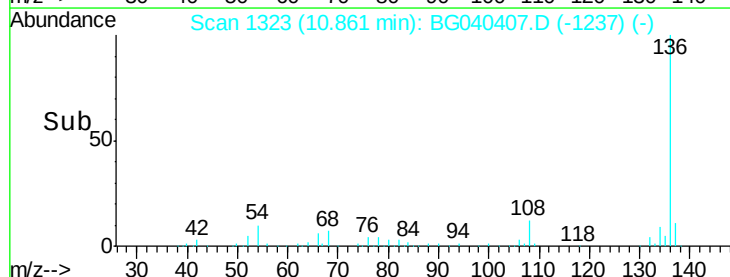
137 10.8 8.9 13.3

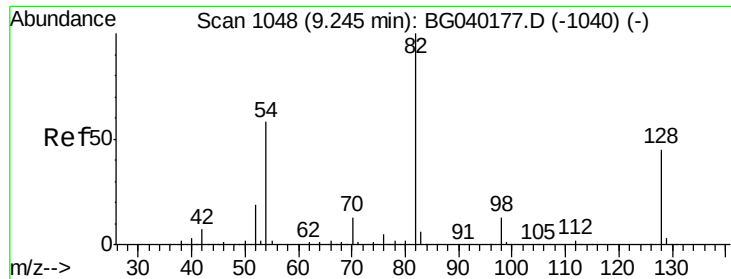
54 9.7 9.6 14.4

68 6.9 5.1 7.7



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

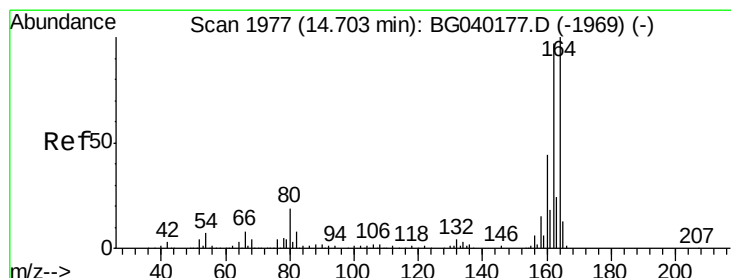
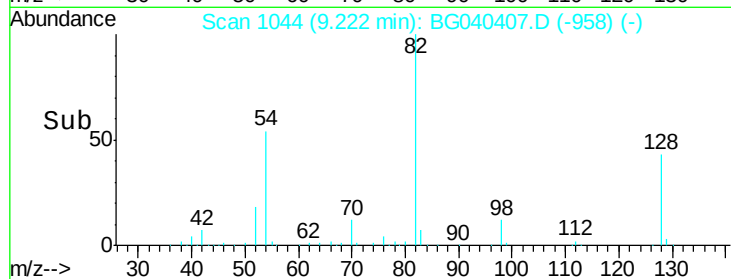
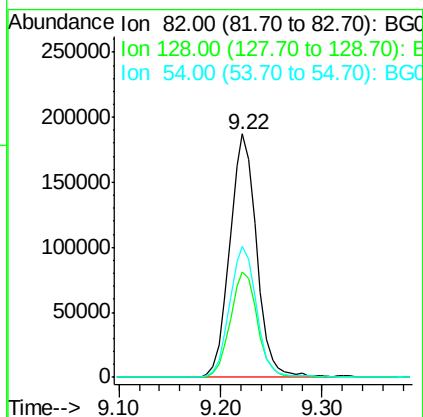
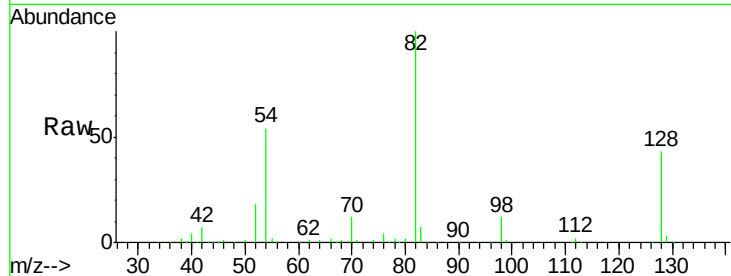




#23
Nitrobenzene-d5
Concen: 78.458 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

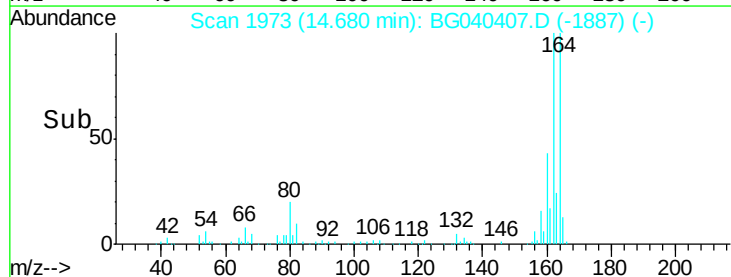
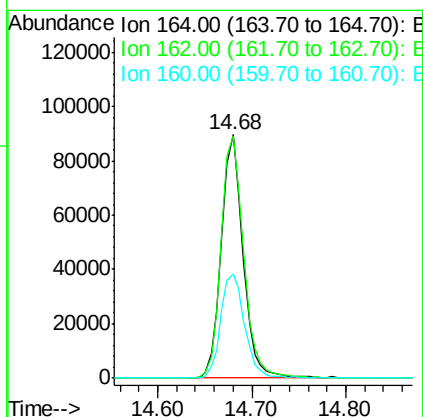
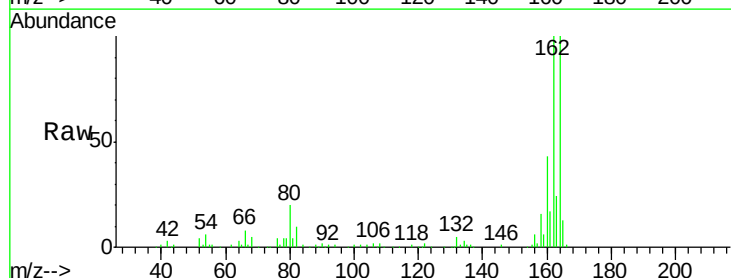
Instrument :
BNA_G
ClientSampleID :
PB118717BL

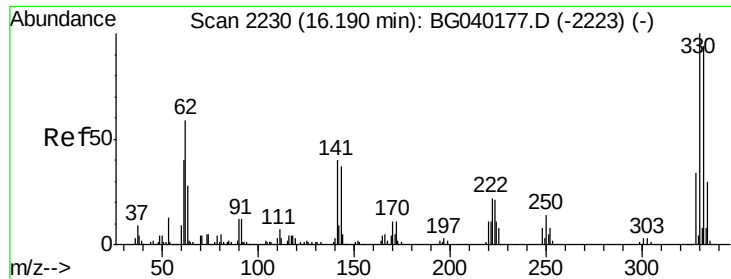
Tgt Ion: 82 Resp: 344006
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 54.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion: 164 Resp: 145421
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 42.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 68.137 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_G

ClientSampleId :

PB118717BL

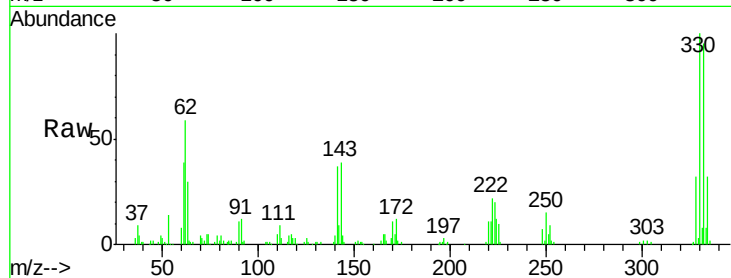
Tgt Ion:330 Resp: 107086

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

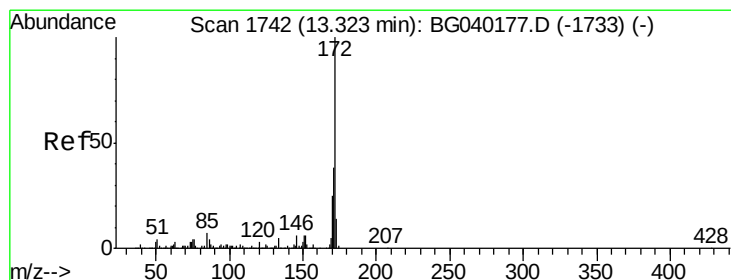
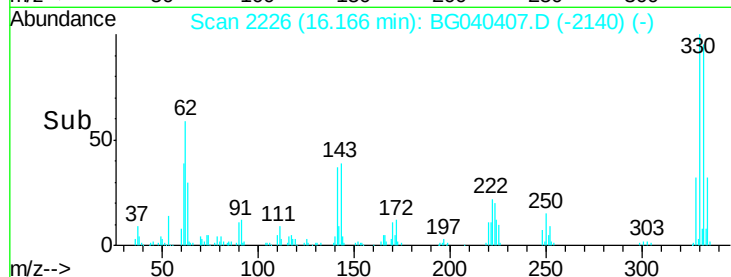
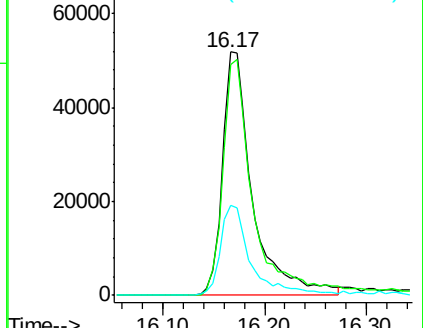
141 37.4 32.6 48.8



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: 81.342 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

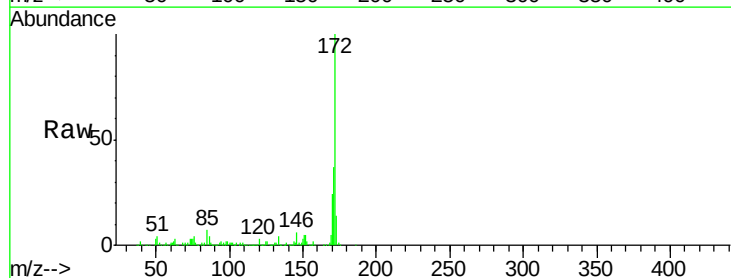
Tgt Ion:172 Resp: 798291

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

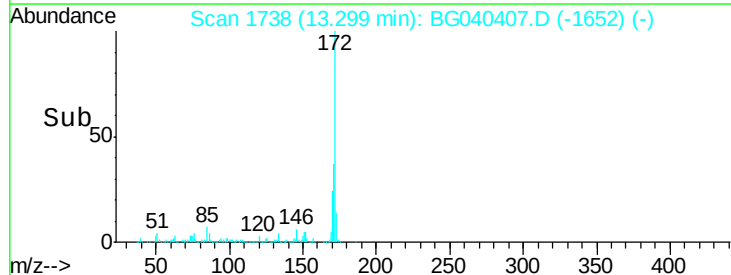
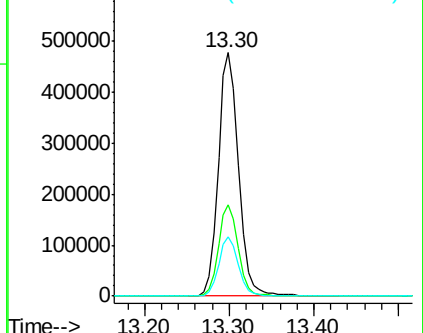
170 24.4 20.1 30.1

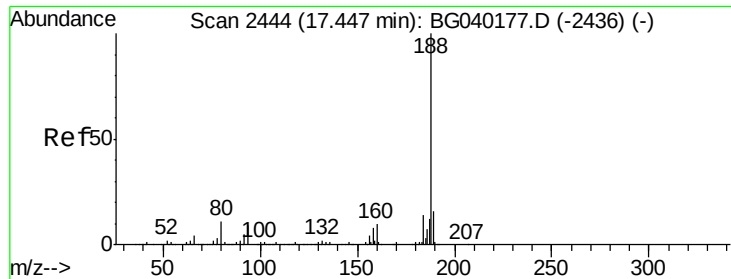


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

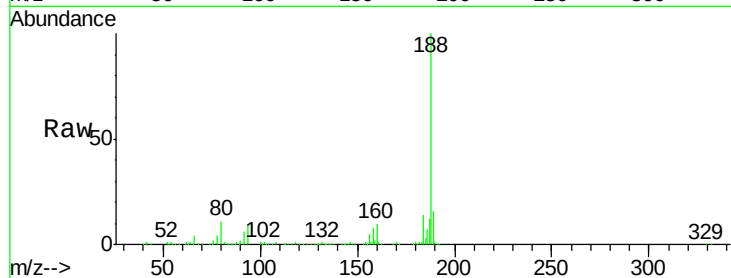




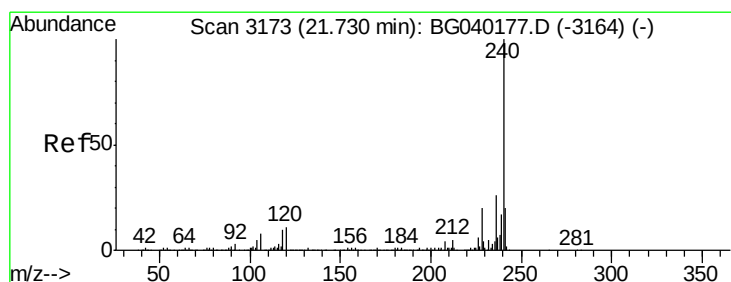
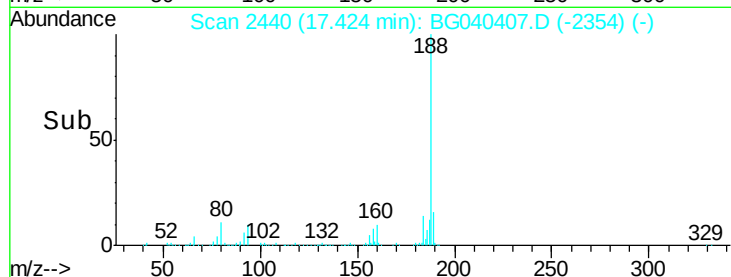
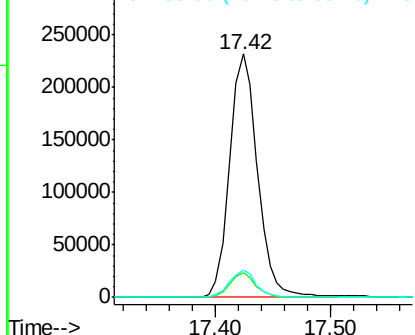
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
PB118717BL

Tgt Ion:188 Resp: 388879
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.4
80 11.0 8.6 13.0

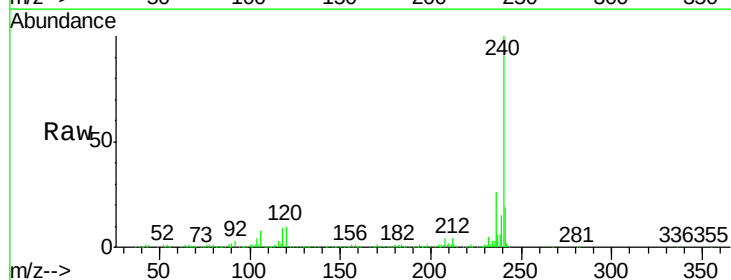


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

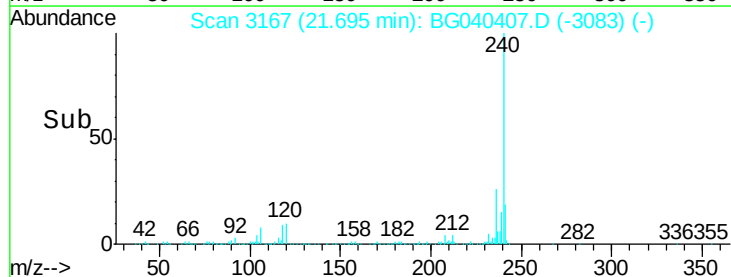
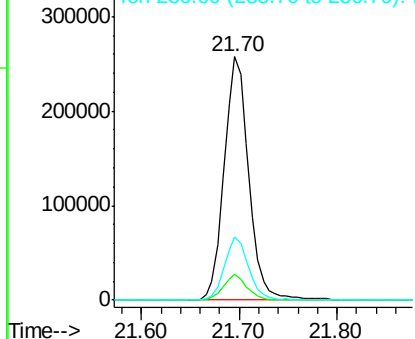


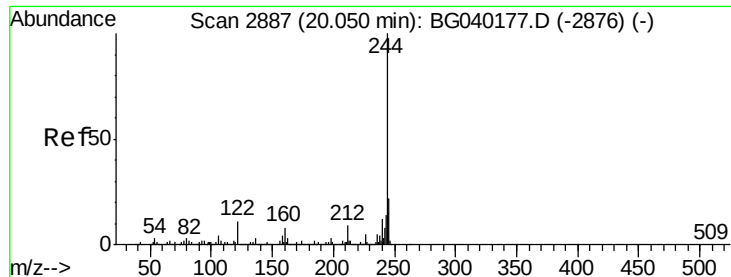
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion:240 Resp: 448934
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.8 20.8 31.2



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: 68.271 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_G

ClientSampleId :

PB118717BL

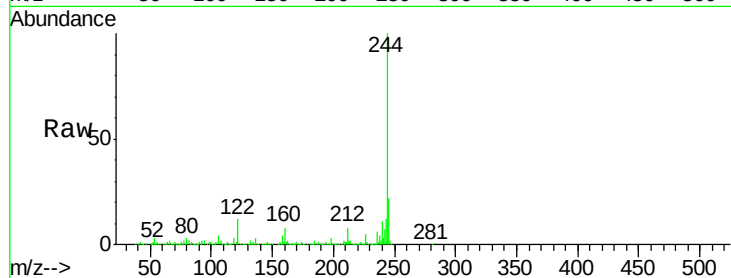
Tgt Ion:244 Resp: 1362389

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

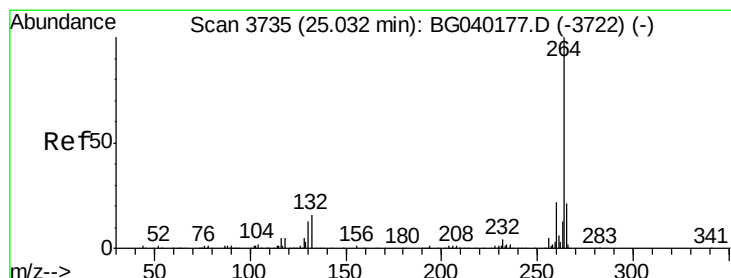
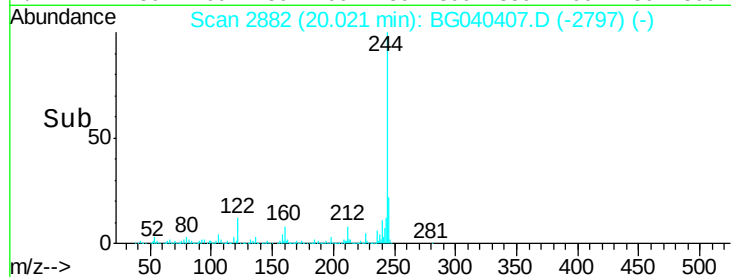
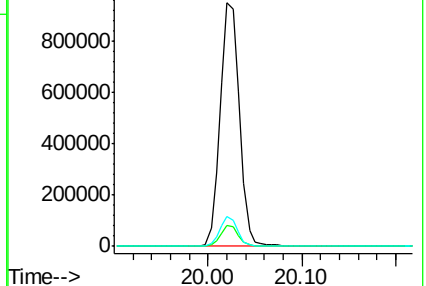
122 12.1 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

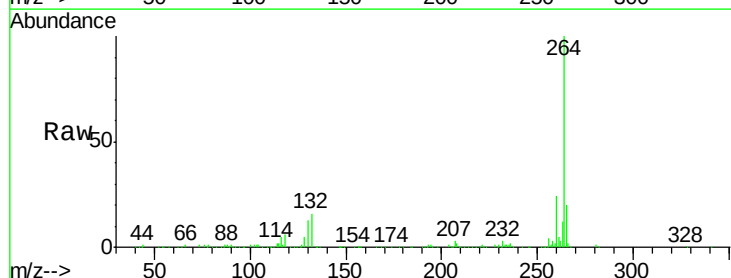
Tgt Ion:264 Resp: 440561

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 20.3 16.8 25.2



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

