

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040468.D
 Acq On : 12 Apr 2019 19:30
 Operator : JU/SJ
 Sample : PB118836BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118836BL

Quant Time: Apr 13 00:44:17 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	39347	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	152578	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	97616	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	270550	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	321147	20.00	ng	-0.04
87) Perylene-d12	24.97	264	321957	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266010	112.39	ng	-0.02
7) Phenol-d6	7.20	99	365746	111.81	ng	-0.02
23) Nitrobenzene-d5	9.22	82	213903	74.52	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	130104	123.32	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	507254	77.00	ng	-0.03
79) Terphenyl-d14	20.02	244	984696	68.98	ng	-0.03

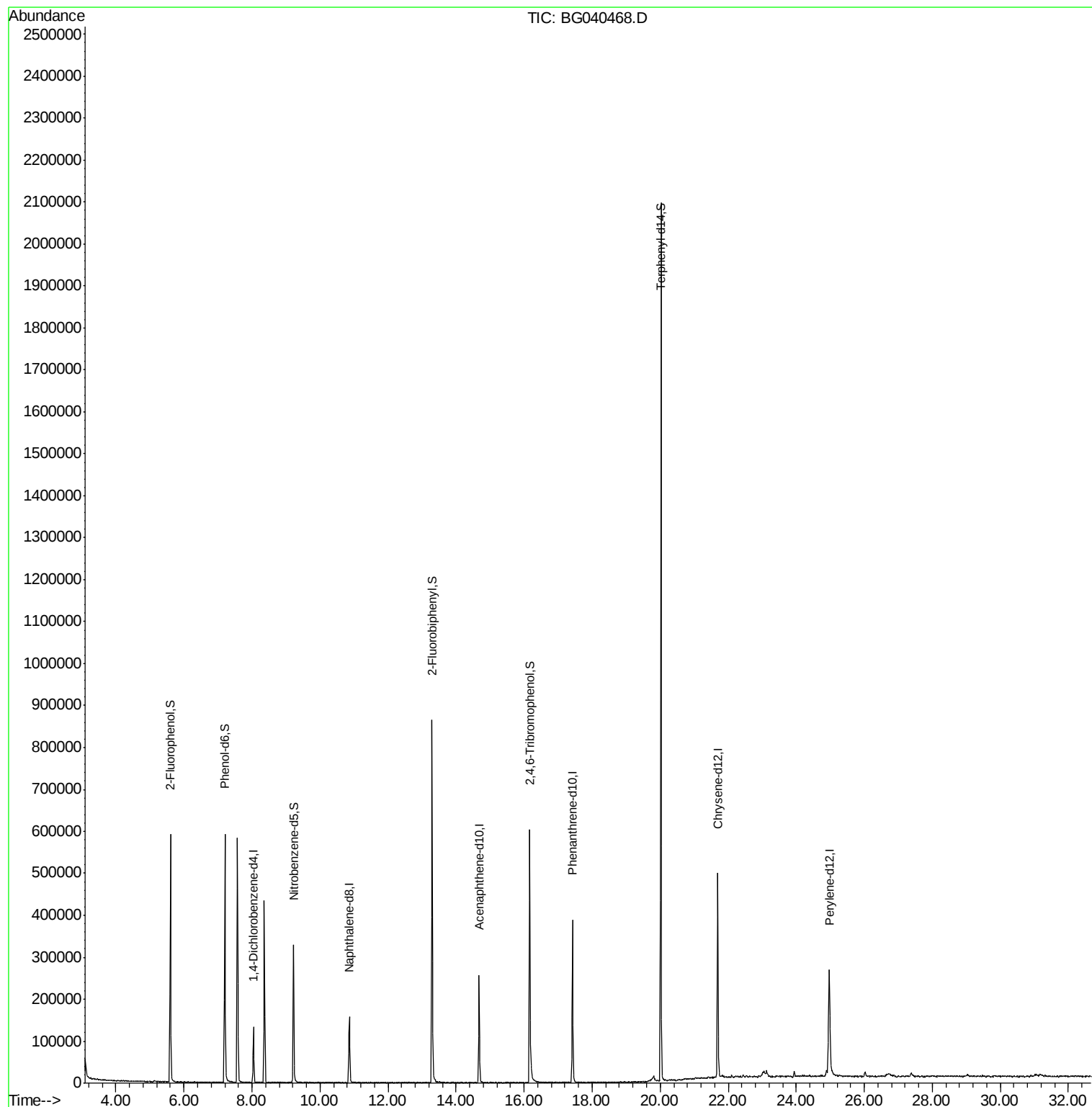
Target Compounds	Qvalue
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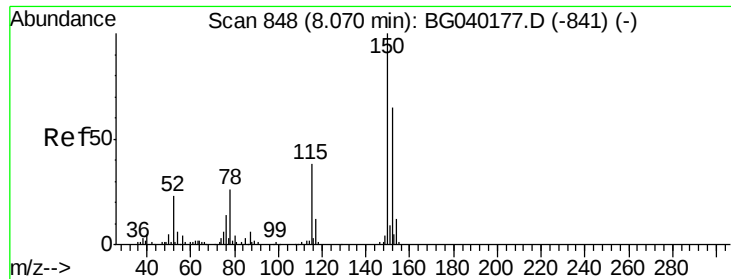
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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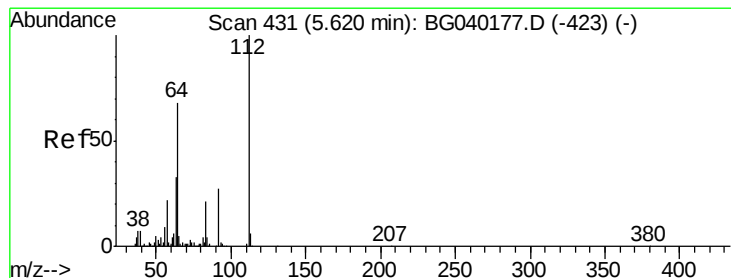
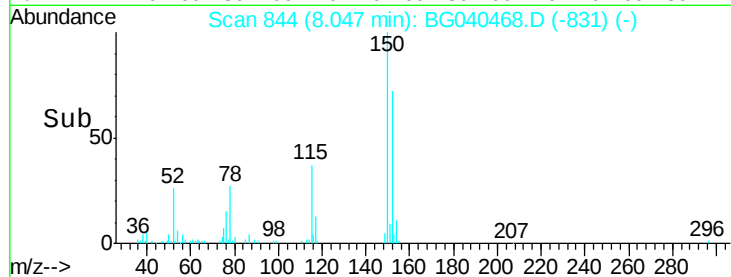
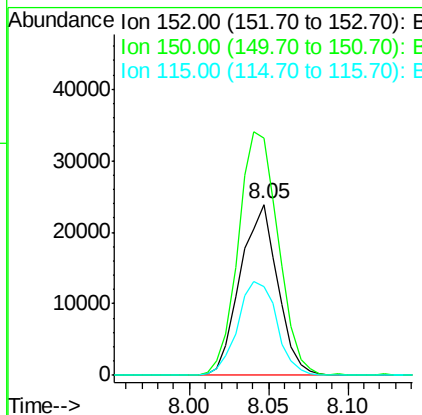
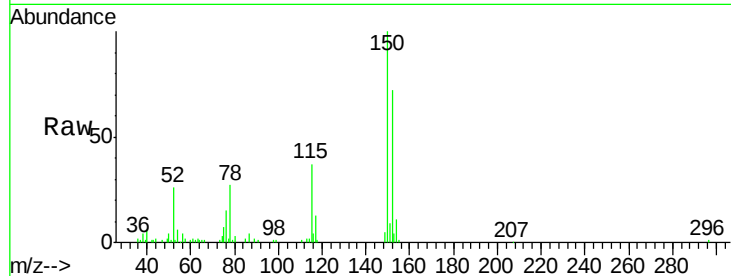


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB118836BL

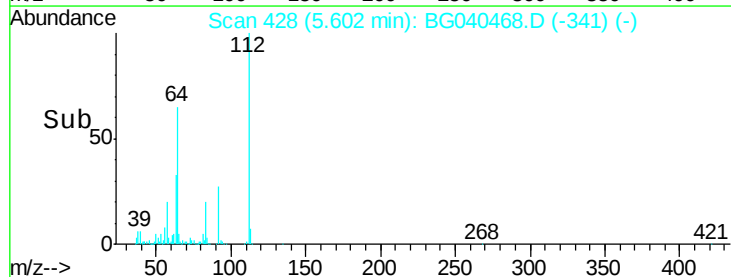
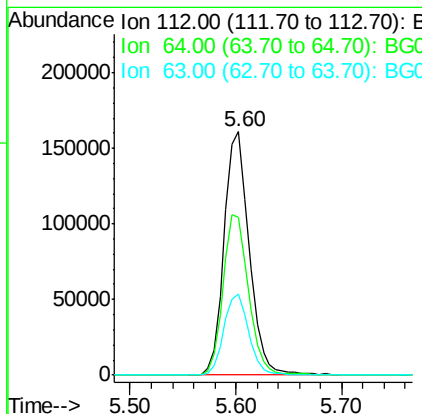
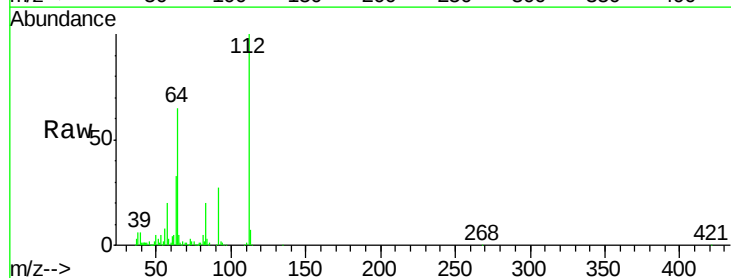
Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.9	123.7	185.5
115	51.7	46.9	70.3

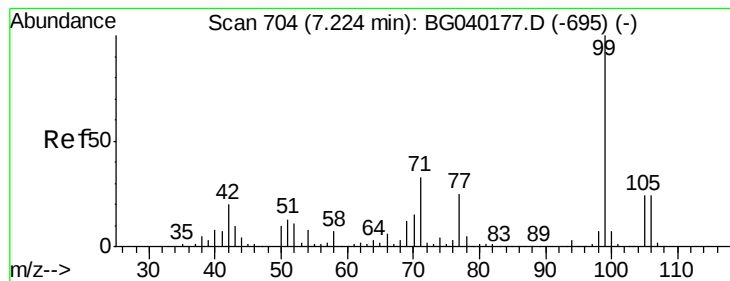


#5

2-Fluorophenol
 Concen: 112.389 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BG040468.D
 Acq: 12 Apr 2019 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	54.2	81.2
63	33.2	26.4	39.6





#7

Phenol-d6

Concen: 111.813 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

PB118836BL

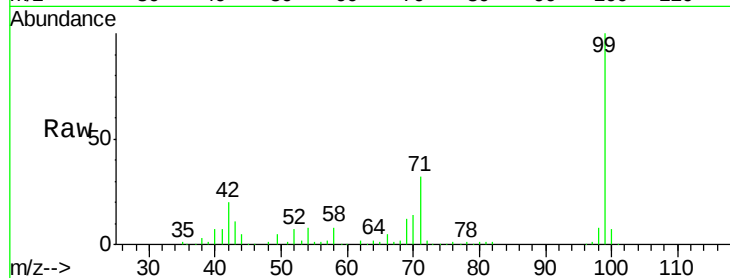
Tgt Ion: 99 Resp: 365746

Ion Ratio Lower Upper

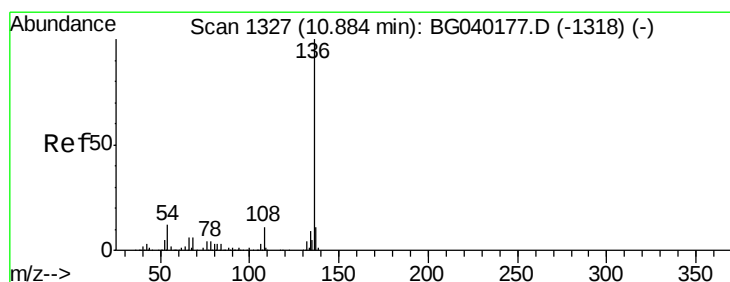
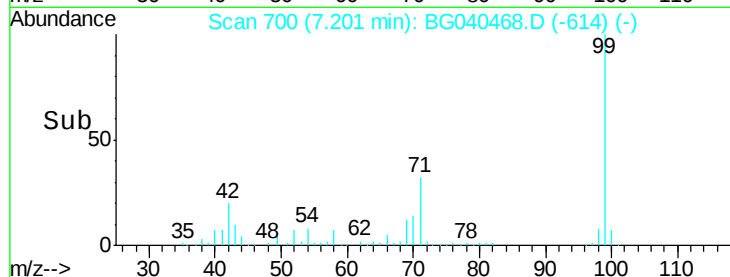
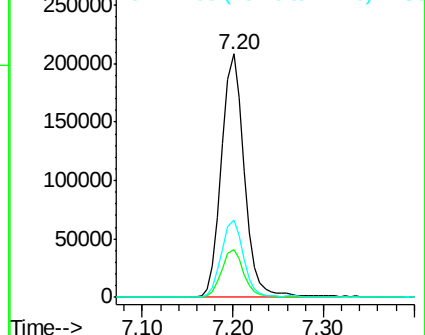
99 100

42 19.6 16.2 24.2

71 31.7 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: BG040468.D

Acq: 12 Apr 2019 19:30

Tgt Ion: 136 Resp: 152578

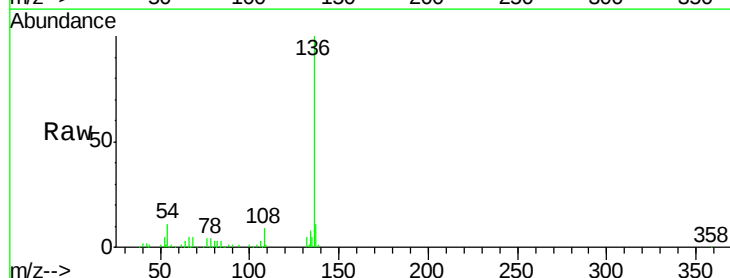
Ion Ratio Lower Upper

136 100

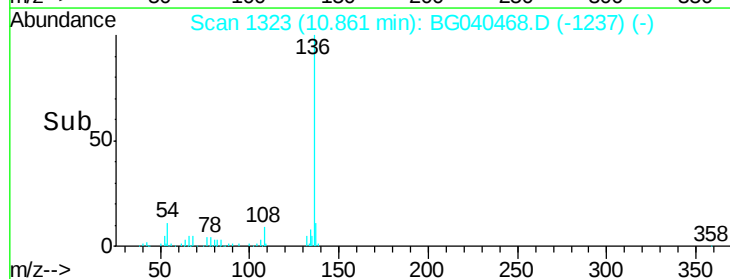
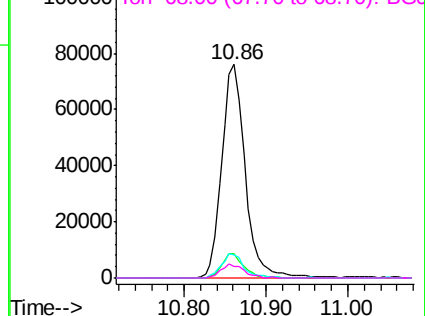
137 11.1 8.9 13.3

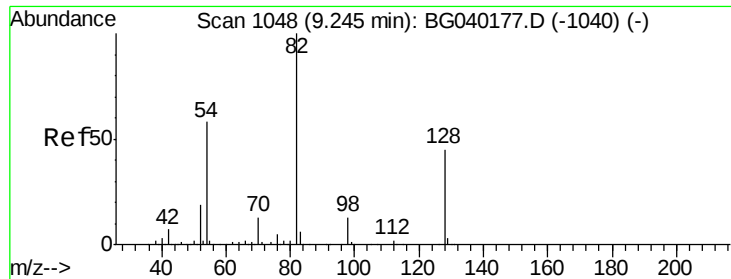
54 10.9 9.6 14.4

68 5.3 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

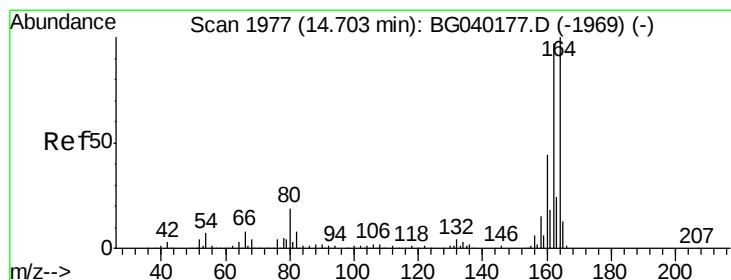
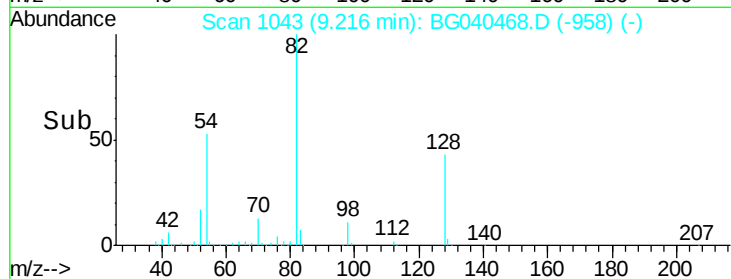
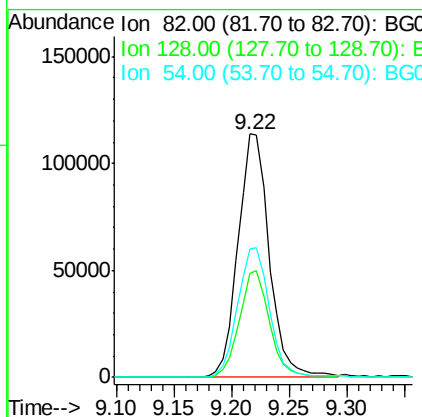
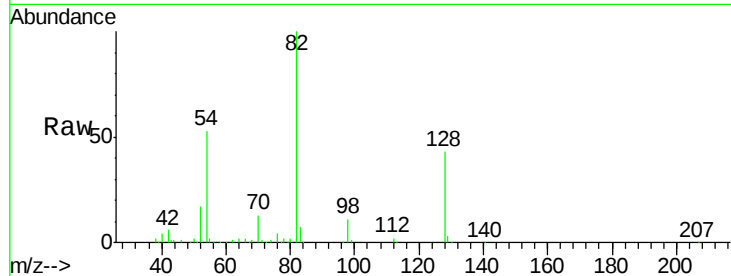




#23
Nitrobenzene-d5
Concen: 74.517 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

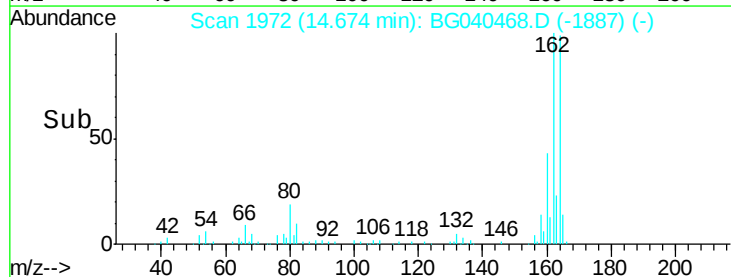
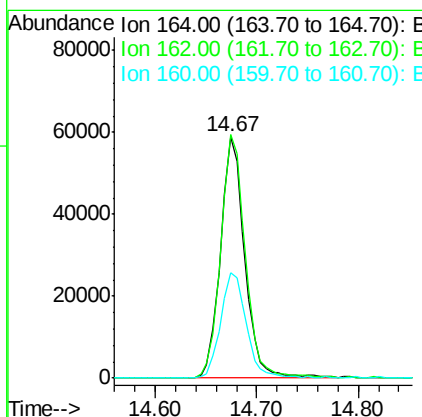
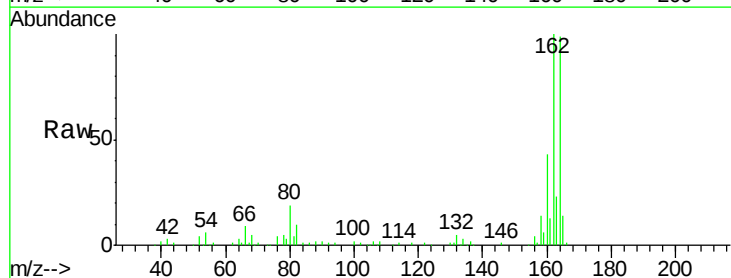
Instrument :
BNA_G
ClientSampleId :
PB118836BL

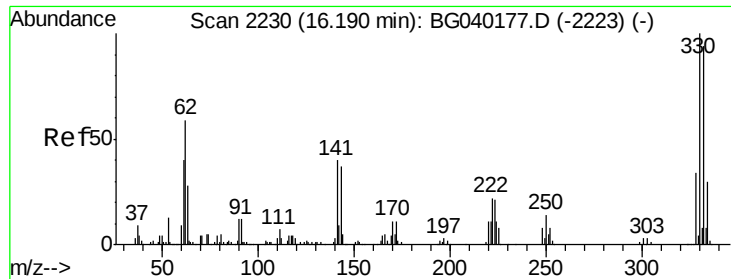
Tgt Ion: 82 Resp: 213903
Ion Ratio Lower Upper
82 100
128 42.6 35.8 53.8
54 53.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 164 Resp: 97616
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.2
160 43.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 123.324 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

PB118836BL

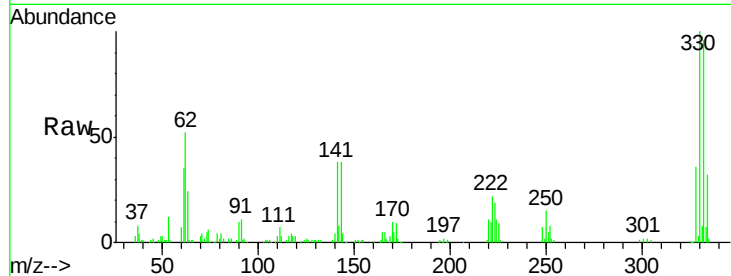
Tgt Ion:330 Resp: 130104

Ion Ratio Lower Upper

330 100

332 98.9 76.6 115.0

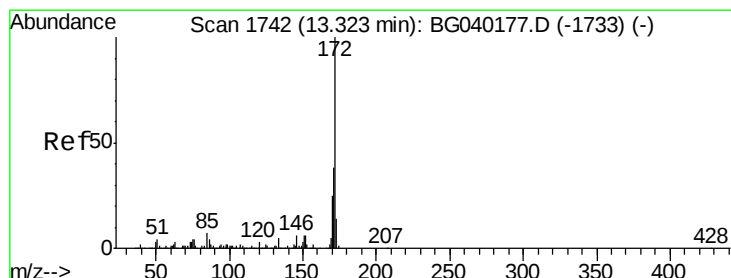
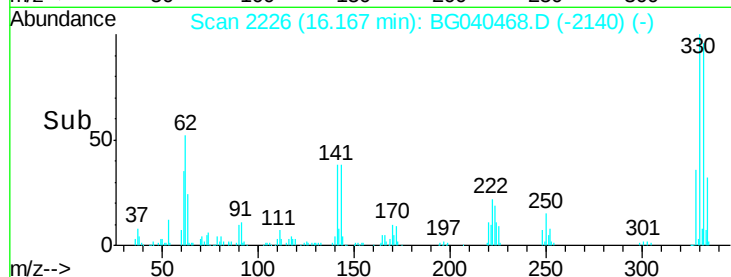
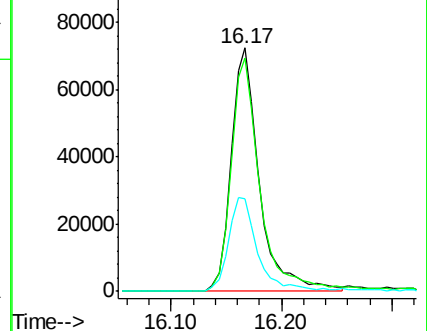
141 39.5 32.6 48.8



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: 76.999 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

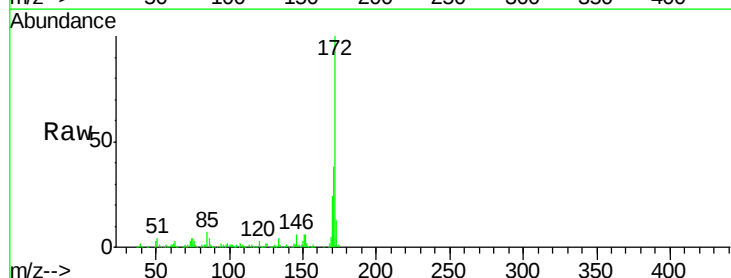
Tgt Ion:172 Resp: 507254

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

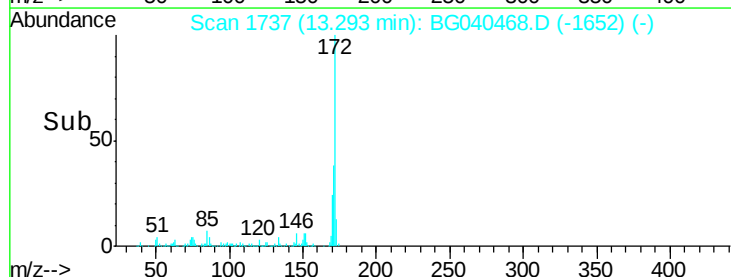
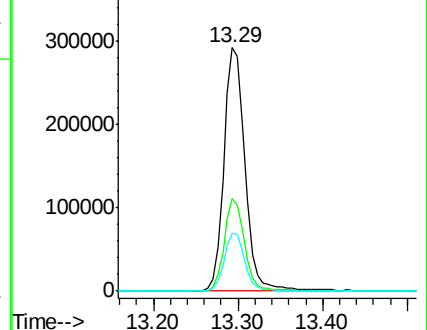
170 23.6 20.1 30.1

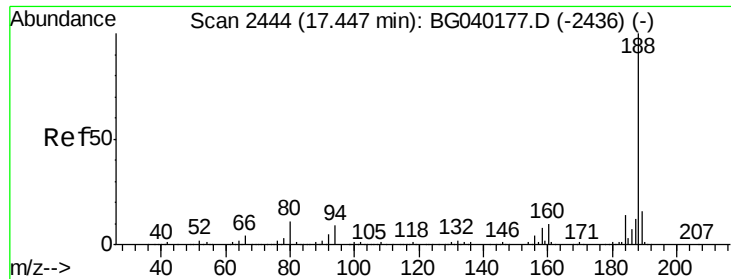


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2439

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

PB118836BL

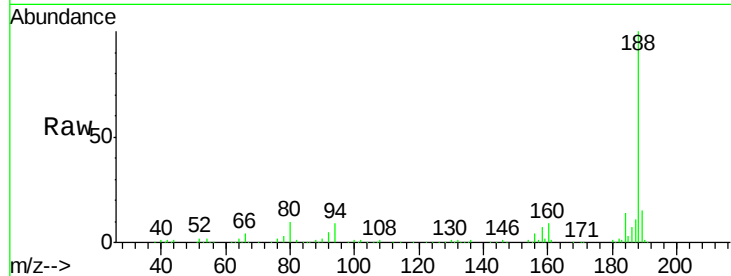
Tgt Ion:188 Resp: 270550

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

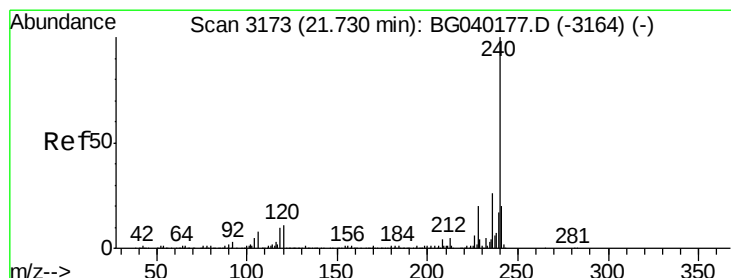
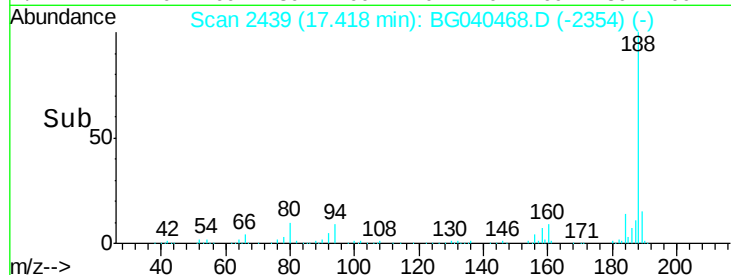
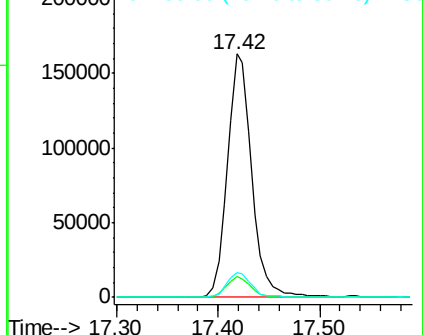
80 10.4 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

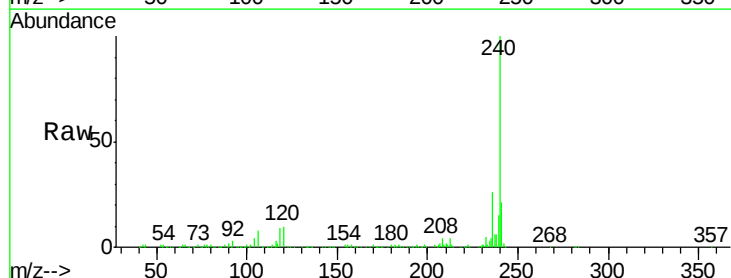
Tgt Ion:240 Resp: 321147

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

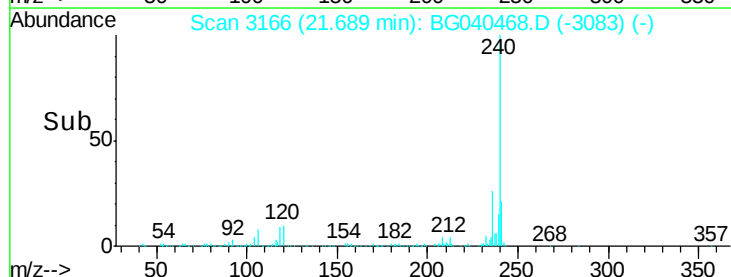
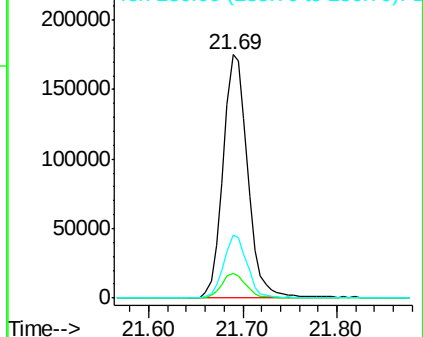
236 25.8 20.8 31.2

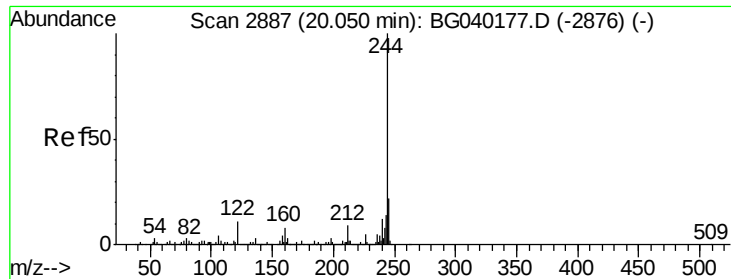


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.979 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

PB118836BL

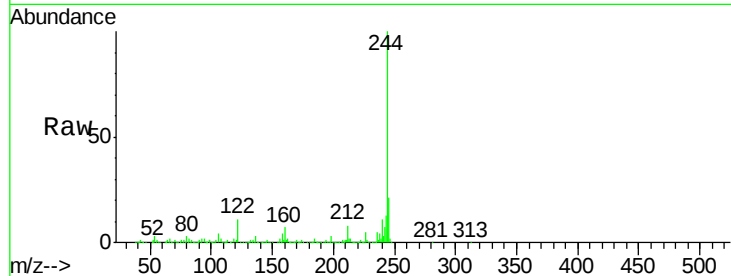
Tgt Ion:244 Resp: 984696

Ion Ratio Lower Upper

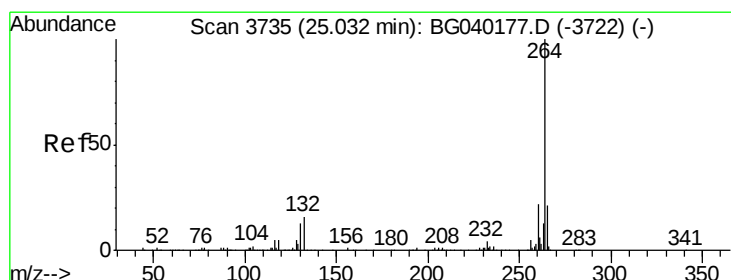
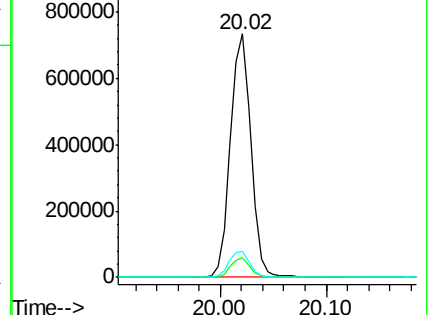
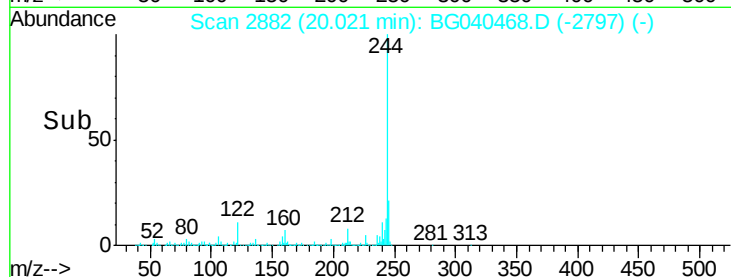
244 100

212 7.9 7.0 10.6

122 10.6 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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040468.D

Acq: 12 Apr 2019 19:30

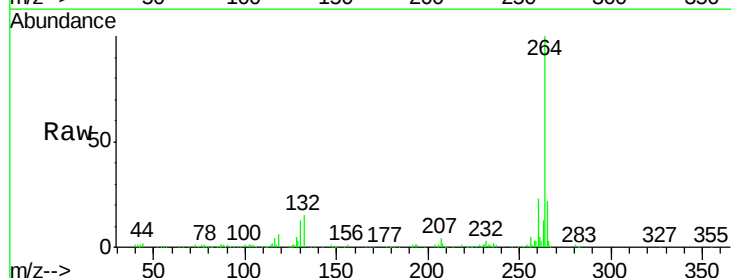
Tgt Ion:264 Resp: 321957

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.6 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

