

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039169.D
 Acq On : 16 Jan 2019 22:51
 Operator : JU/SJ
 Sample : PB116389BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BL

Quant Time: Jan 17 04:55:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	17693	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	77350	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	61721	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	167378	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	186506	20.00	ng	-0.03
87) Perylene-d12	24.94	264	190497	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	151164	162.07	ng	-0.01
7) Phenol-d6	7.18	99	222566	165.81	ng	-0.01
23) Nitrobenzene-d5	9.19	82	141947	100.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	132933	128.49	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	510159	113.12	ng	-0.01
79) Terphenyl-d14	20.01	244	862189	85.52	ng	-0.01

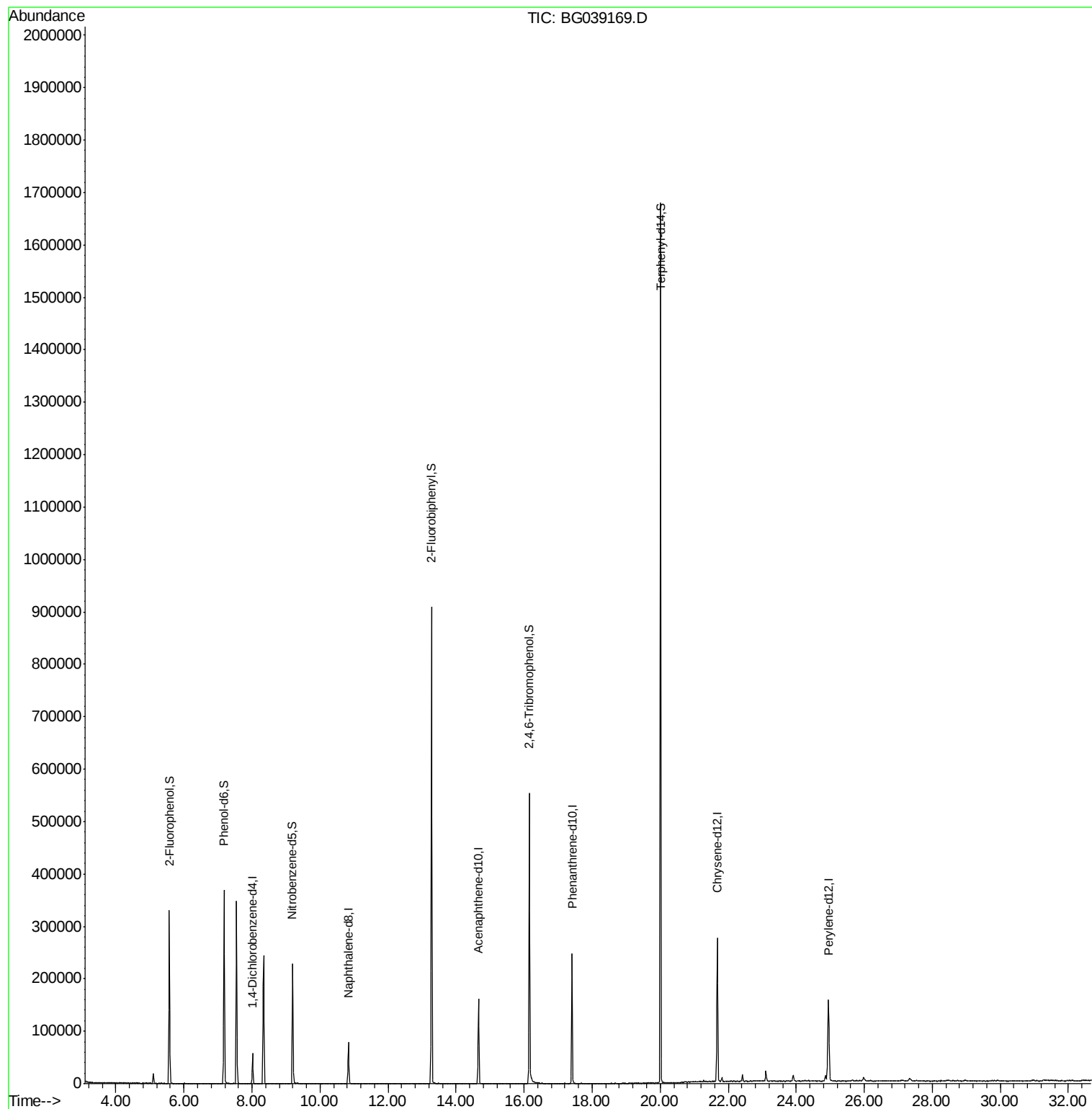
Target Compounds Qvalue

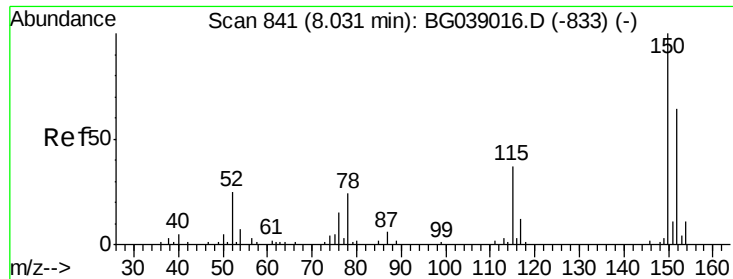
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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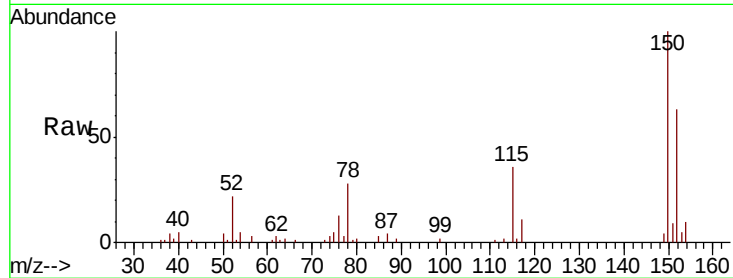


#1

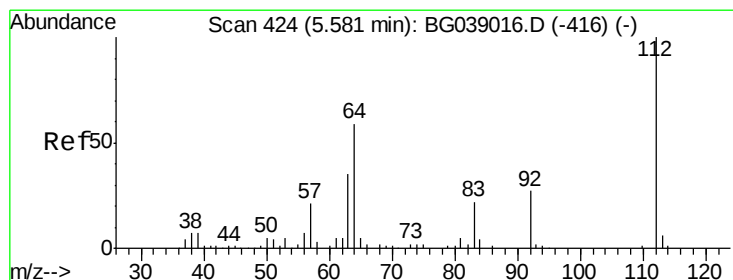
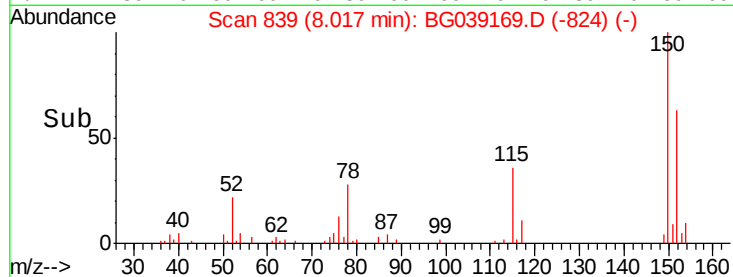
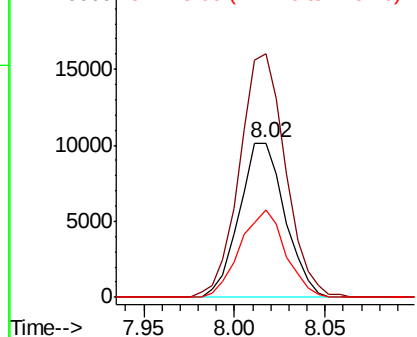
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039169.D
Acq: 16 Jan 2019 22:51

Instrument :
BNA_G
ClientSampleId :
PB116389BL

Tot Ion:152 Resp: 17693
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 57.1 46.5 69.7



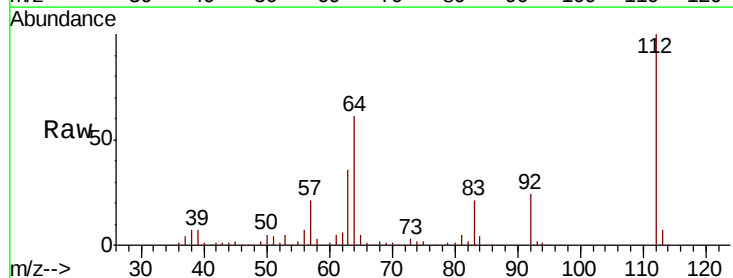
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



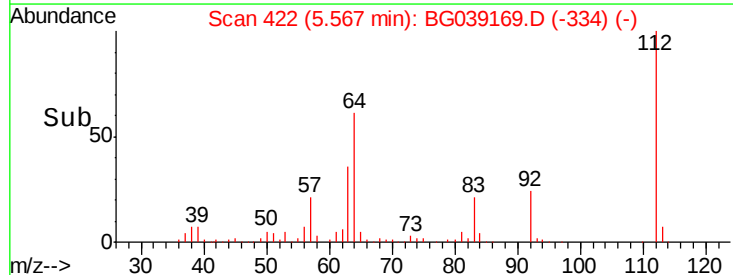
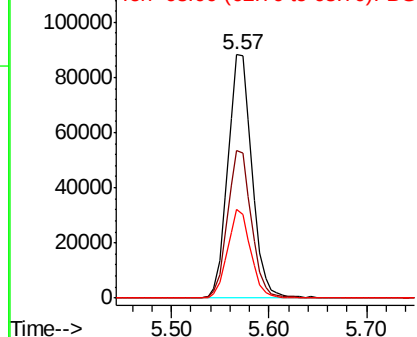
#5

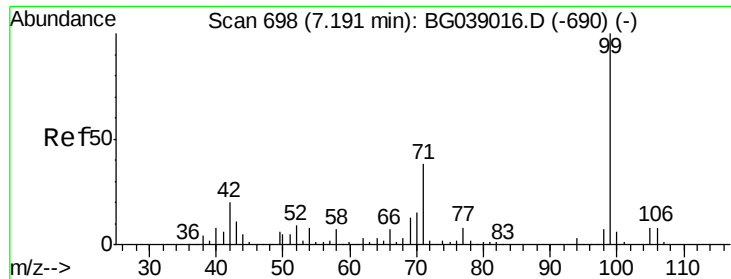
2-Fluorophenol
Concen: 162.073 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039169.D
Acq: 16 Jan 2019 22:51

Tgt Ion:112 Resp: 151164
Ion Ratio Lower Upper
112 100
64 60.6 47.0 70.6
63 36.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 165.814 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

Instrument :

BNA_G

ClientSampleId :

PB116389BL

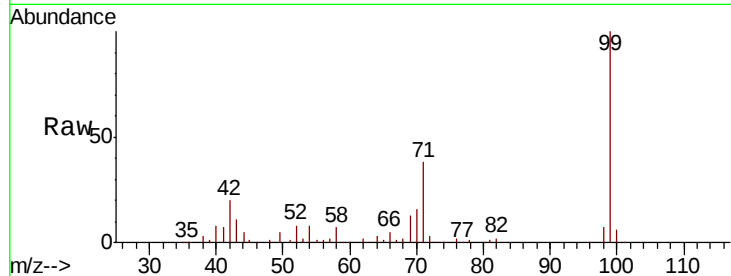
Tot Ion: 99 Resp: 222566

Ion Ratio Lower Upper

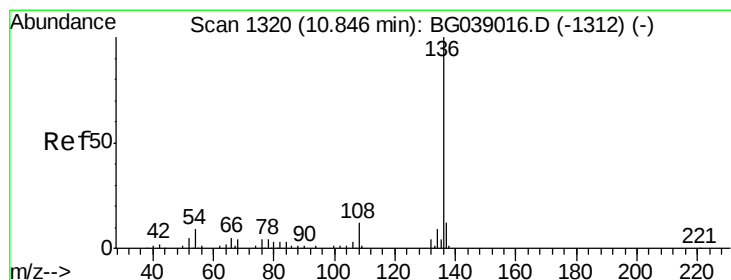
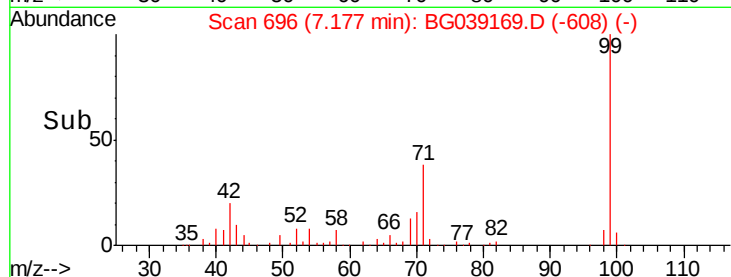
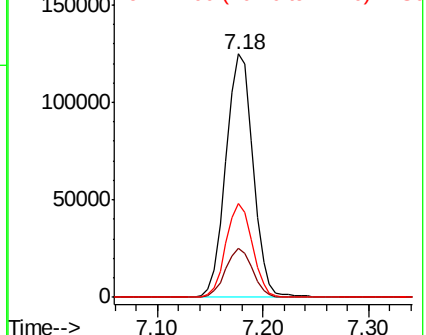
99 100

42 20.1 15.8 23.6

71 38.4 30.2 45.4



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: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

Tgt Ion: 136 Resp: 77350

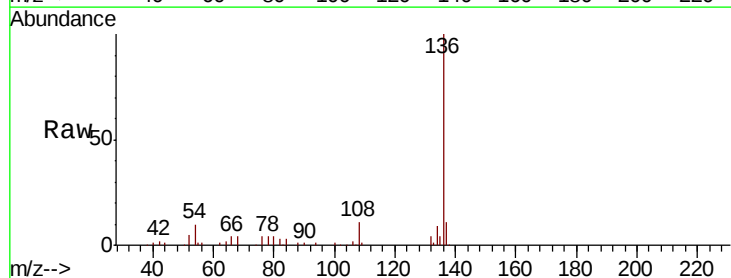
Ion Ratio Lower Upper

136 100

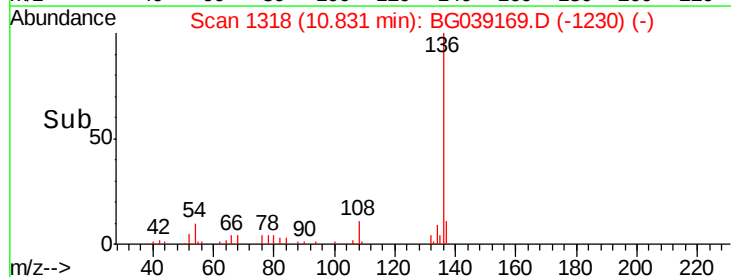
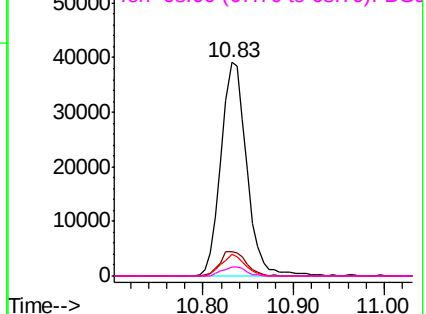
137 11.3 9.4 14.2

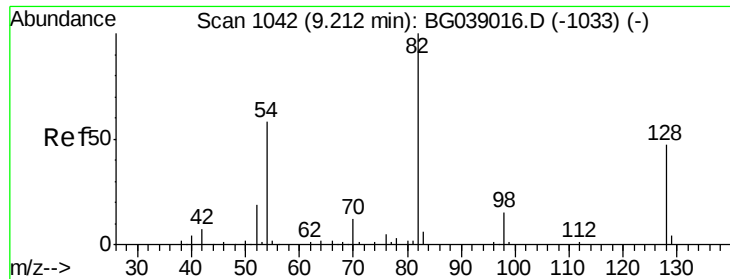
54 10.5 7.2 10.8

68 4.2 3.5 5.3



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

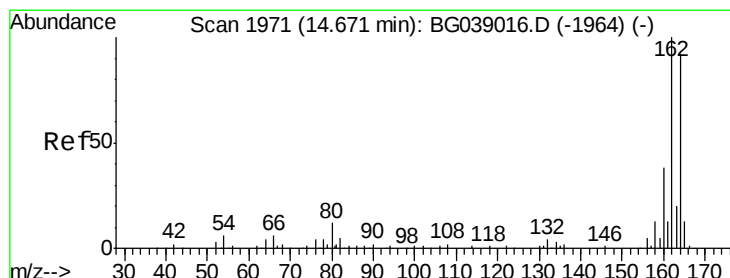
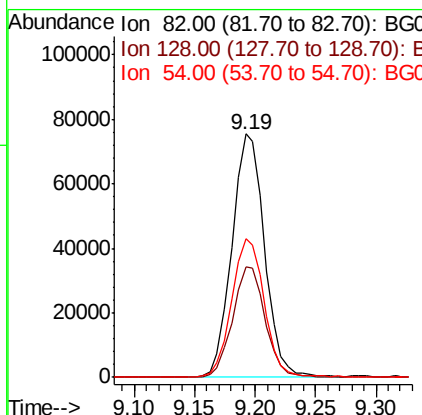
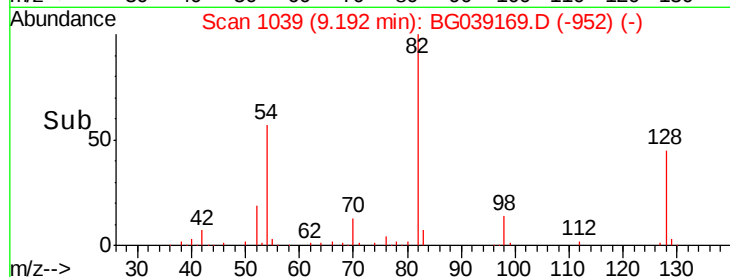
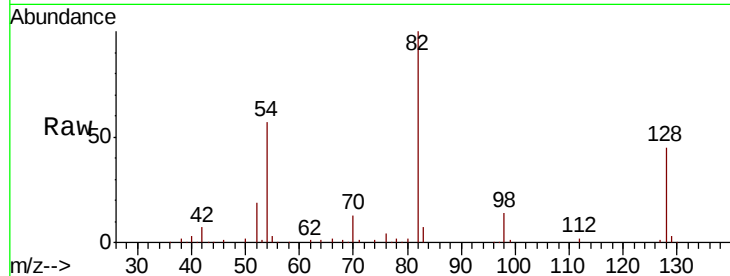




#23
Nitrobenzene-d5
Concen: 100.417 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039169.D
Acq: 16 Jan 2019 22:51

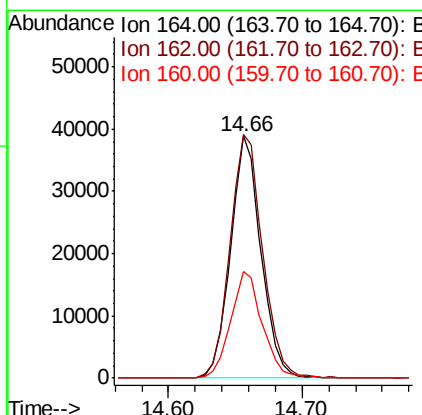
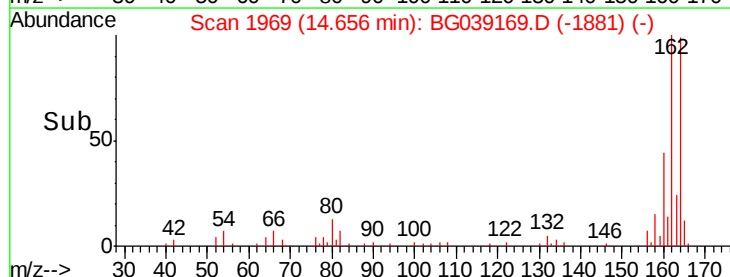
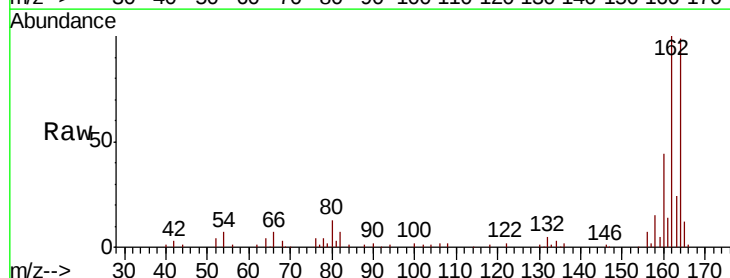
Instrument :
BNA_G
ClientSampleId :
PB116389BL

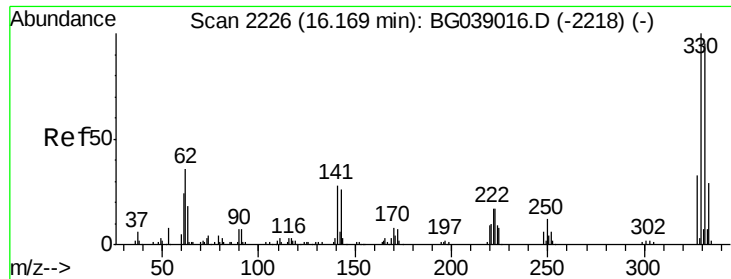
Tot Ion: 82 Resp: 141947
Ion Ratio Lower Upper
82 100
128 45.3 37.3 55.9
54 57.0 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039169.D
Acq: 16 Jan 2019 22:51

Tgt Ion:164 Resp: 61721
Ion Ratio Lower Upper
164 100
162 100.5 87.2 130.8
160 44.0 33.3 49.9

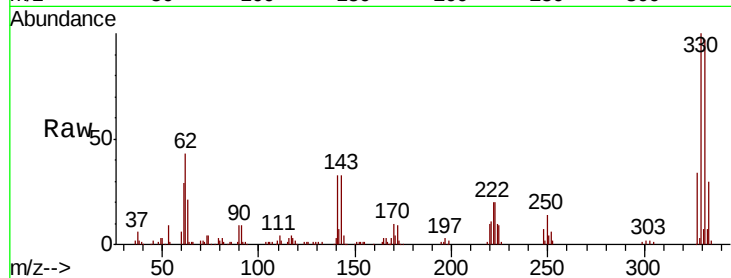




#42
 2,4,6-Tribromophenol
 Concen: 128.486 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG039169.D
 Acq: 16 Jan 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	30.7	24.9	37.3

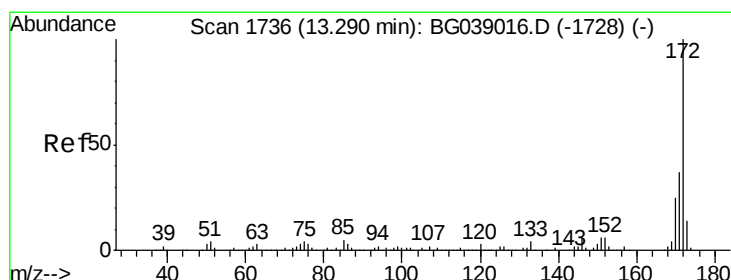
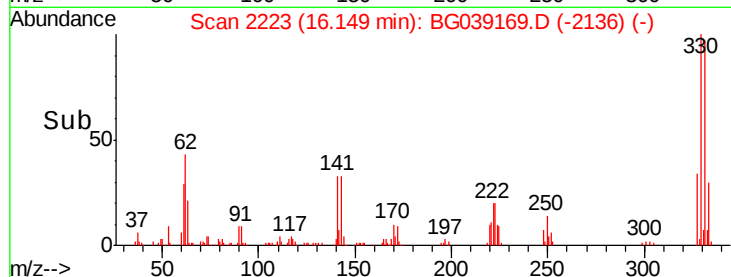
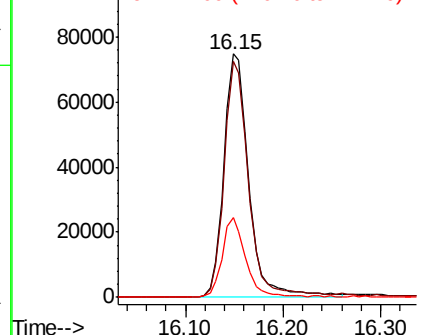


Abundance

Ion 329.80 (329.50 to 330.50): E

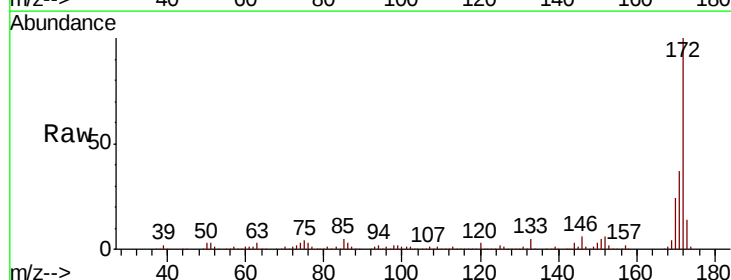
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 113.120 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039169.D
 Acq: 16 Jan 2019 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	23.7	20.1	30.1

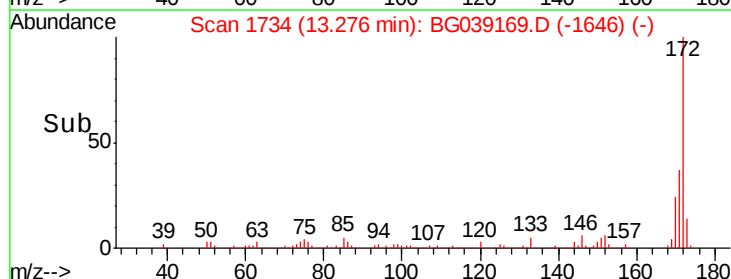
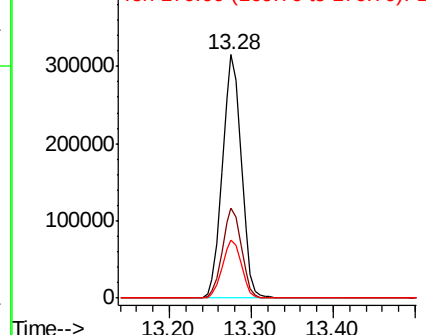


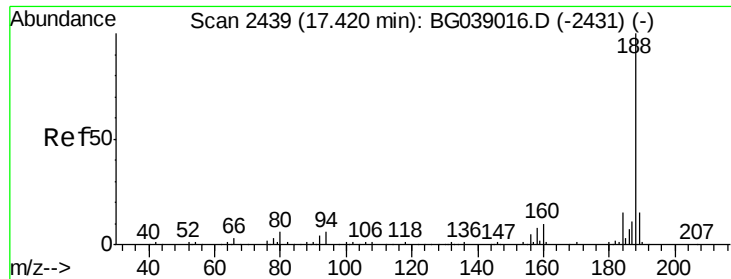
Abundance

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

Instrument :

BNA_G

ClientSampleId :

PB116389BL

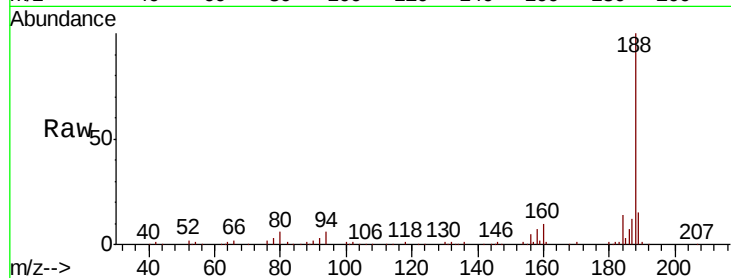
Tot Ion:188 Resp: 167378

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

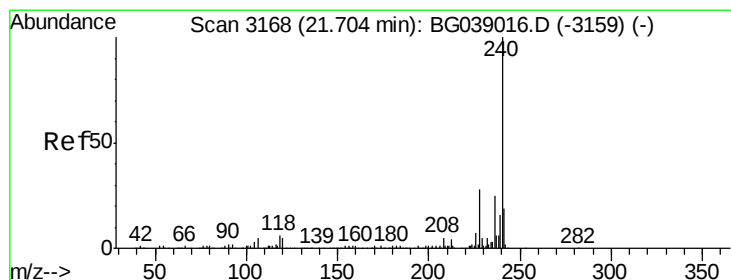
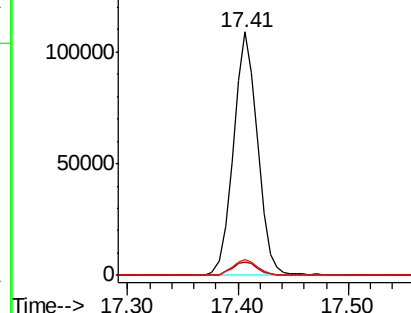
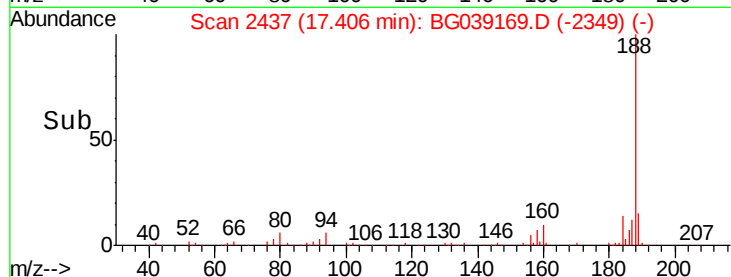
80 6.2 4.7 7.1



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: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

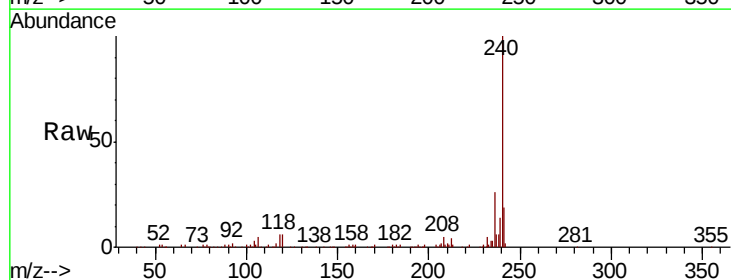
Tgt Ion:240 Resp: 186506

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

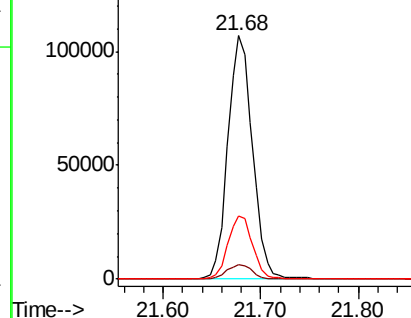
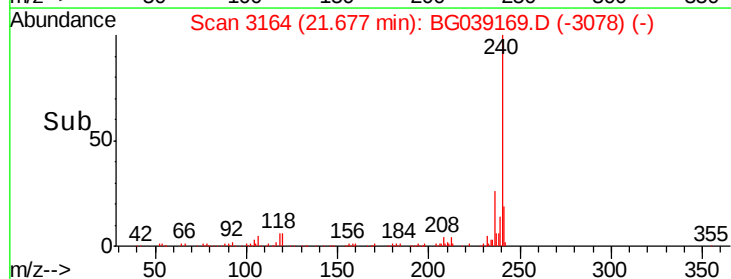
236 25.9 20.1 30.1

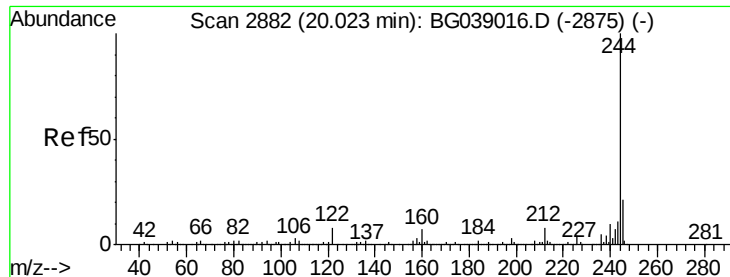


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.518 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

Instrument :

BNA_G

ClientSampleId :

PB116389BL

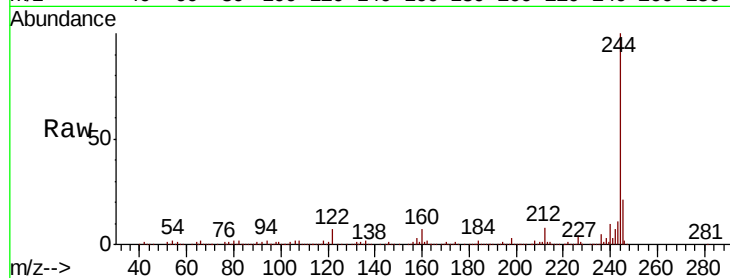
Tot Ion:244 Resp: 862189

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 7.2 6.1 9.1

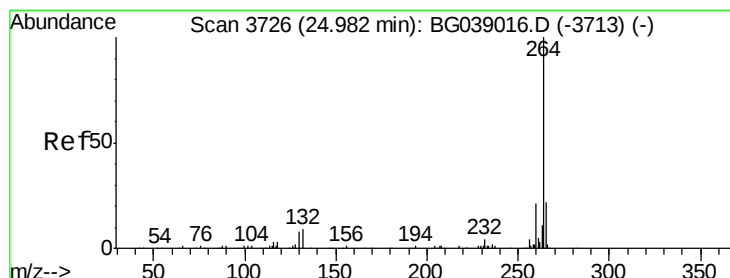
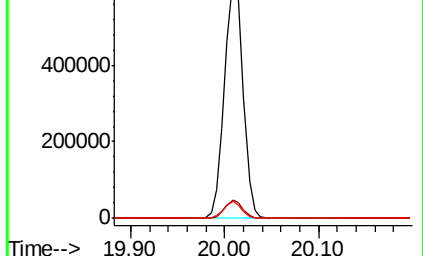
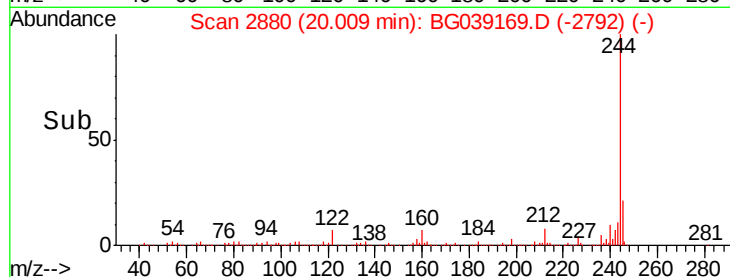


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039169.D

Acq: 16 Jan 2019 22:51

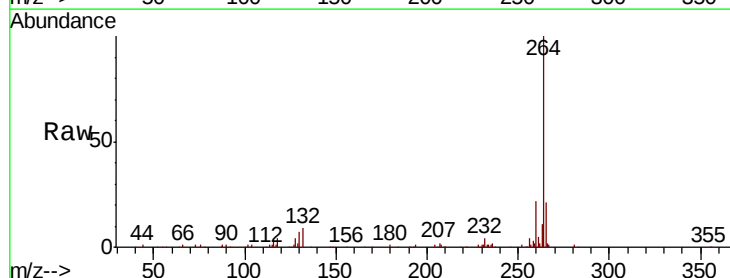
Tgt Ion:264 Resp: 190497

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 21.3 17.2 25.8



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

Time-->

