

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039172.D
 Acq On : 17 Jan 2019 00:56
 Operator : JU/SJ
 Sample : K1007-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-011419

Quant Time: Jan 17 04:59:08 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	19554	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	83437	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	62252	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	180159	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	185233	20.00	ng	-0.02
87) Perylene-d12	24.95	264	196457	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	185184	179.65	ng	0.00
7) Phenol-d6	7.18	99	192924	130.05	ng	0.00
23) Nitrobenzene-d5	9.20	82	151926	99.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	155552	149.07	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	425275	93.49	ng	0.00
79) Terphenyl-d14	20.01	244	976921	97.56	ng	0.00

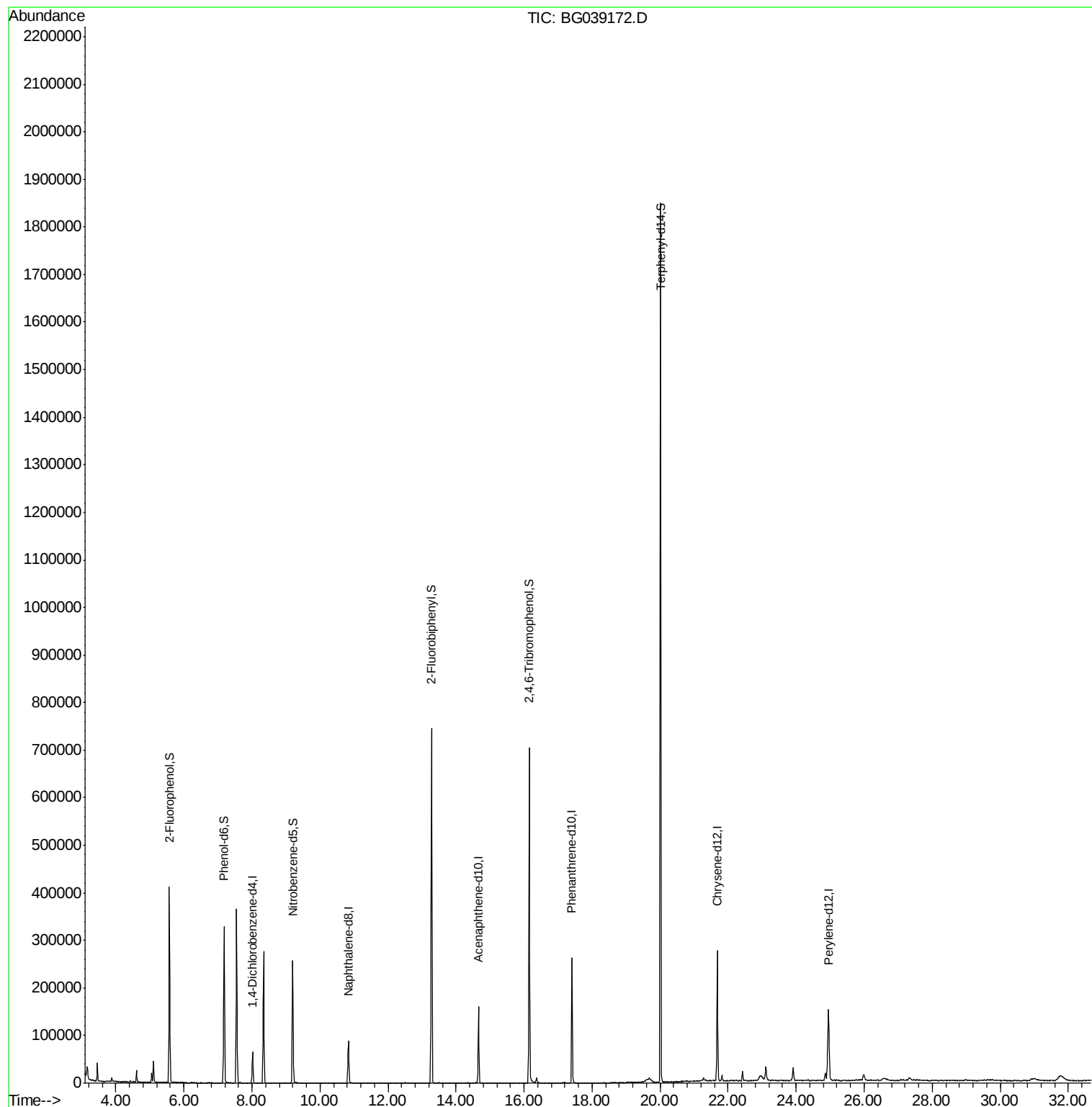
Target Compounds Qvalue

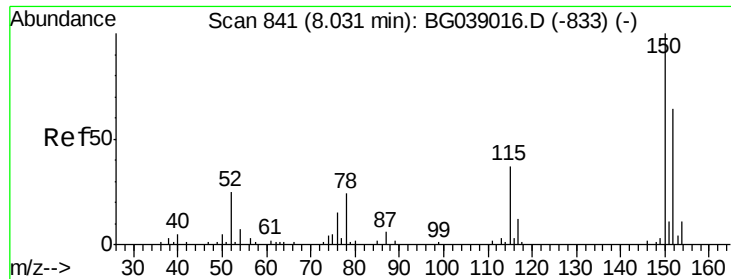
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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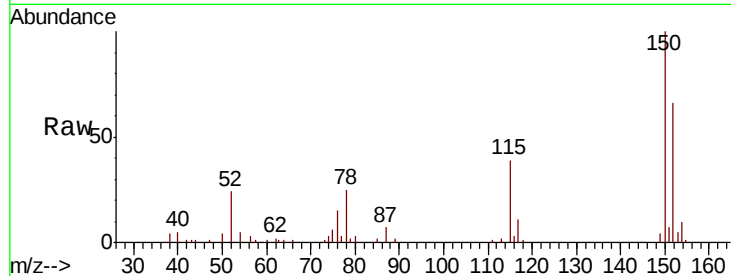


#1

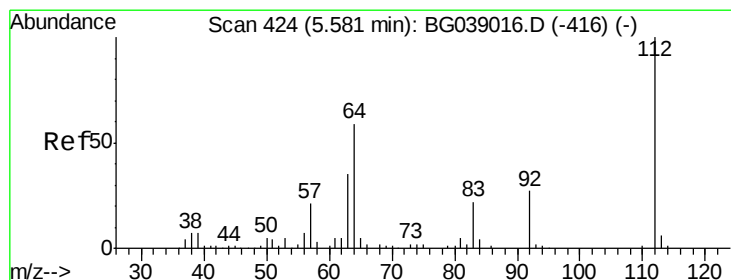
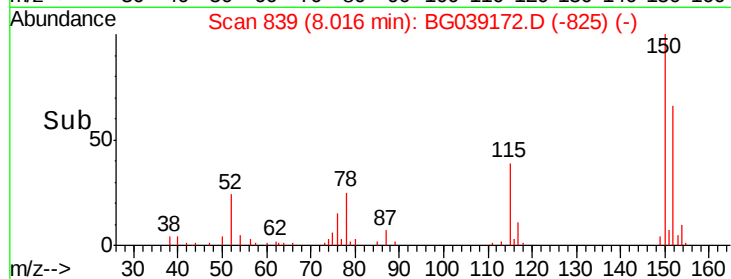
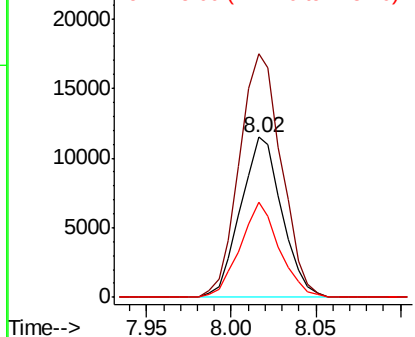
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Instrument :
BNA_G
ClientSampleId :
NB-07-011419

Tot Ion:152 Resp: 19554
Ion Ratio Lower Upper
152 100
150 152.0 124.7 187.1
115 59.2 46.5 69.7



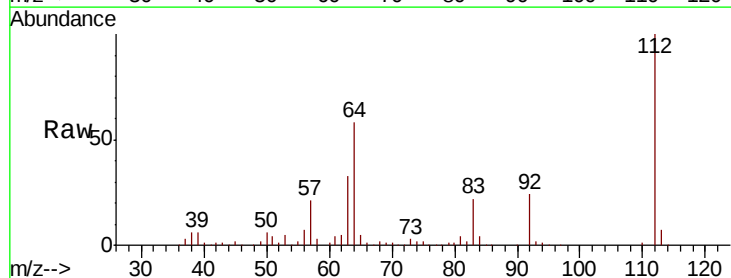
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



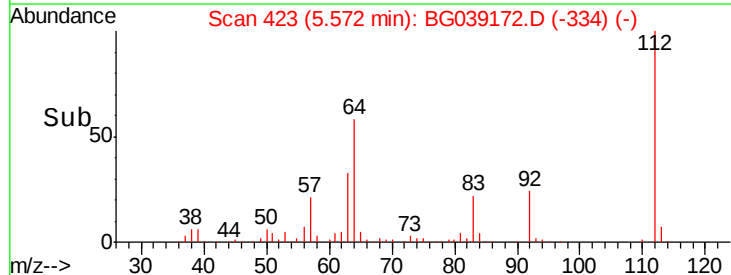
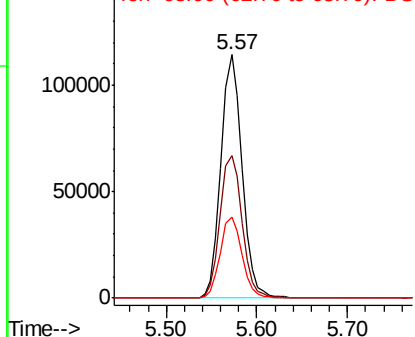
#5

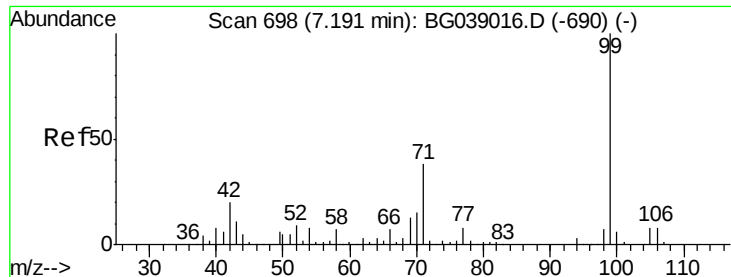
2-Fluorophenol
Concen: 179.652 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion:112 Resp: 185184
Ion Ratio Lower Upper
112 100
64 58.5 47.0 70.6
63 33.4 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: 130.051 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

Instrument :

BNA_G

ClientSampleId :

NB-07-011419

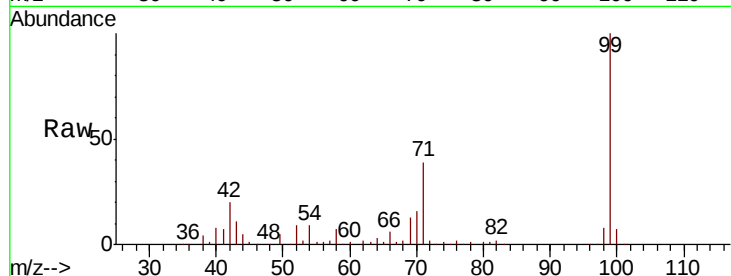
Tot Ion: 99 Resp: 192924

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

71 39.4 30.2 45.4

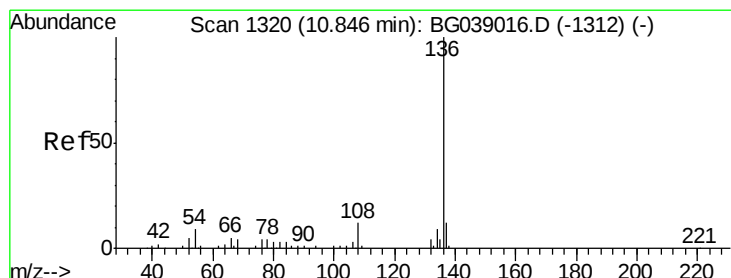
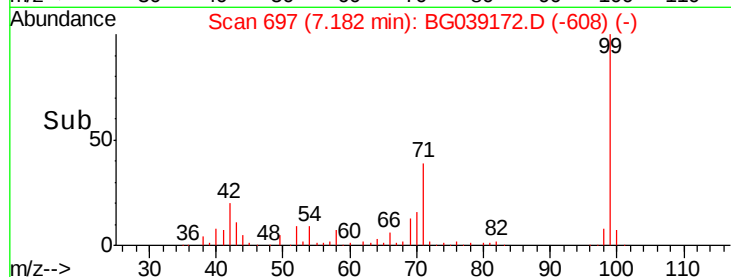
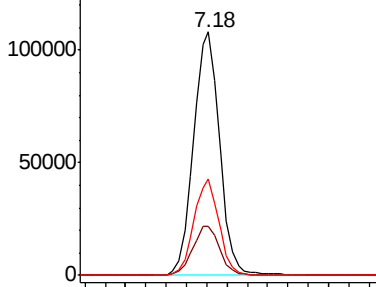


Abundance

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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

Tgt Ion: 136 Resp: 83437

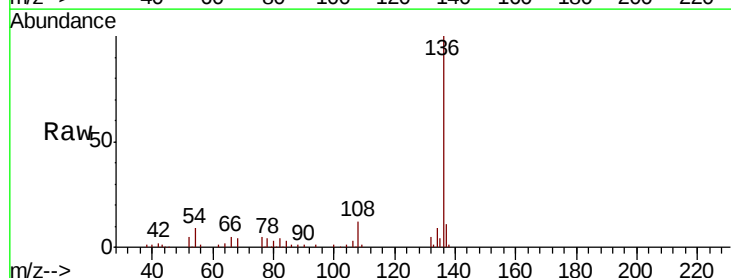
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 9.3 7.2 10.8

68 4.0 3.5 5.3



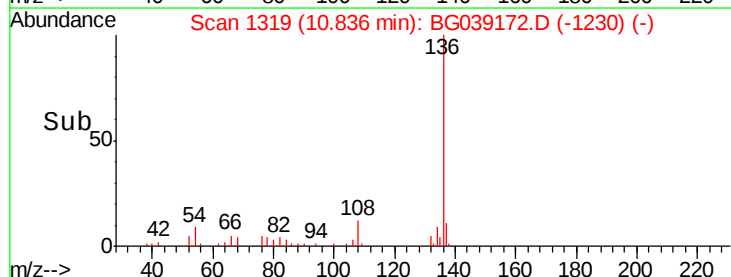
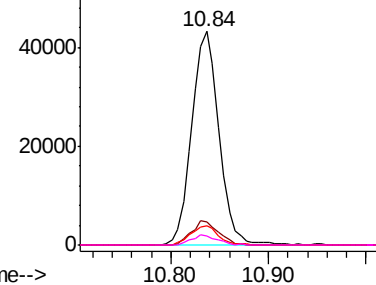
Abundance

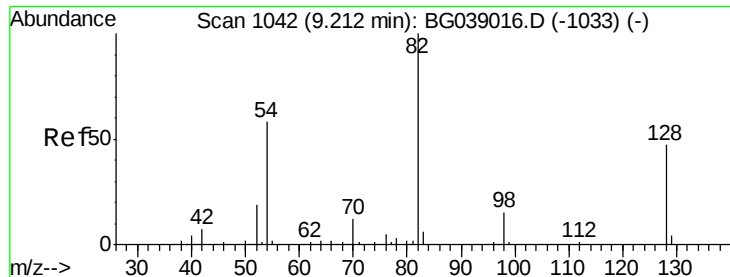
Ion 136.00 (135.70 to 136.70): BGC

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

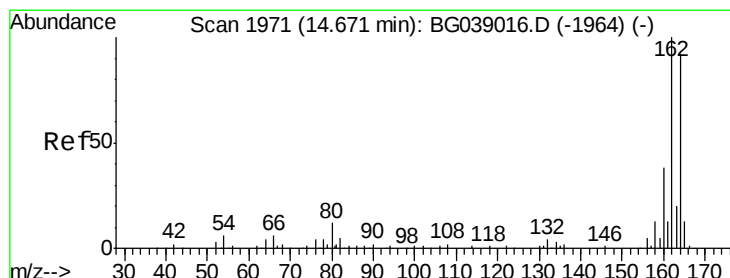
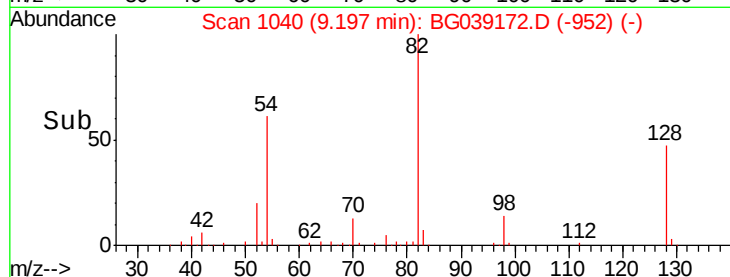
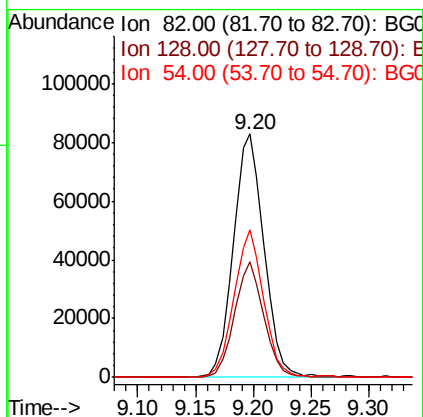
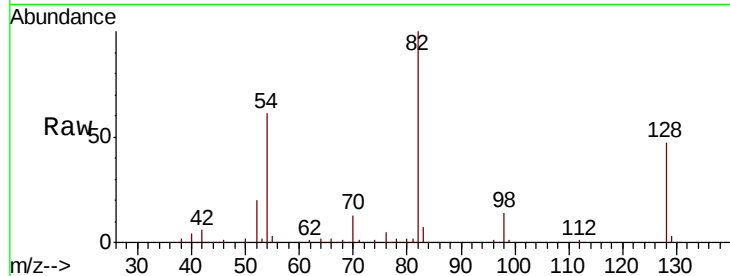




#23
Nitrobenzene-d5
Concen: 99.636 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

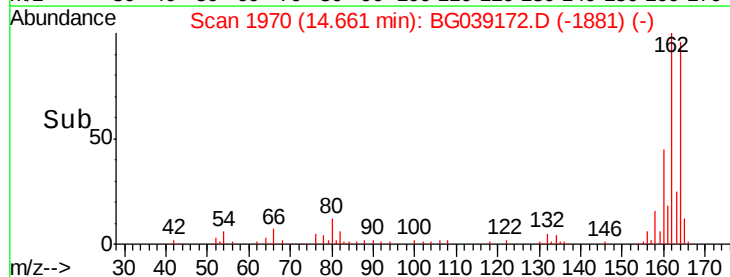
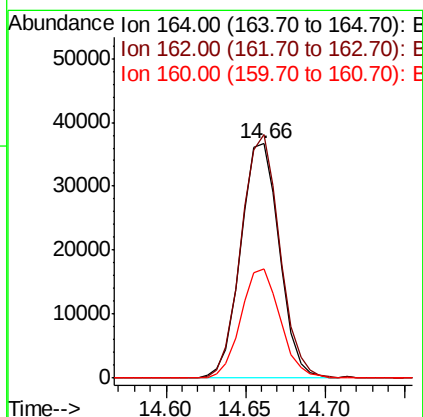
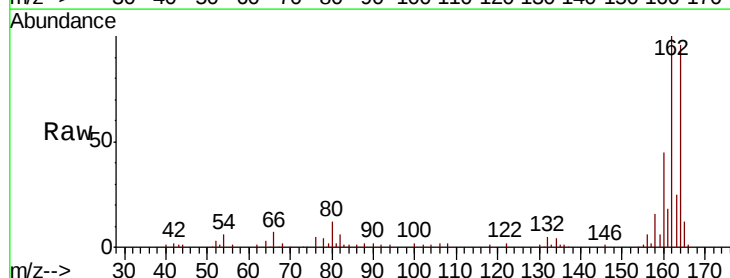
Instrument :
BNA_G
ClientSampled :
NB-07-011419

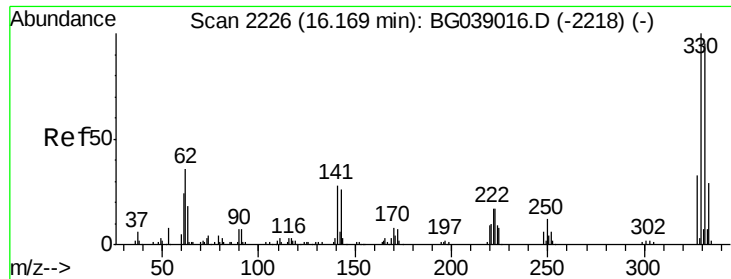
Tot Ion: 82 Resp: 151926
Ion Ratio Lower Upper
82 100
128 47.3 37.3 55.9
54 60.5 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039172.D
Acq: 17 Jan 2019 00:56

Tgt Ion: 164 Resp: 62252
Ion Ratio Lower Upper
164 100
162 104.0 87.2 130.8
160 46.9 33.3 49.9

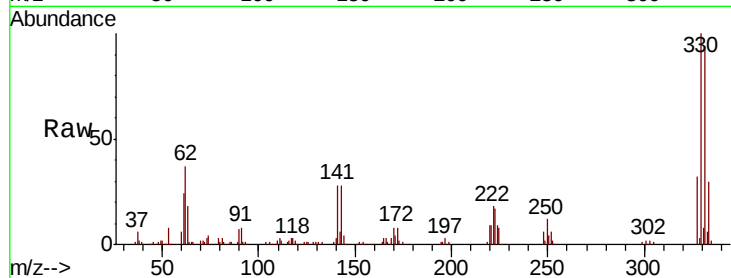




#42
 2,4,6-Tribromophenol
 Concen: 149.065 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG039172.D
 Acq: 17 Jan 2019 00:56

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-011419

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	30.6	24.9	37.3

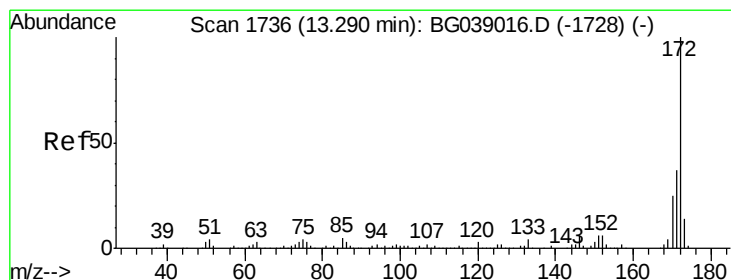
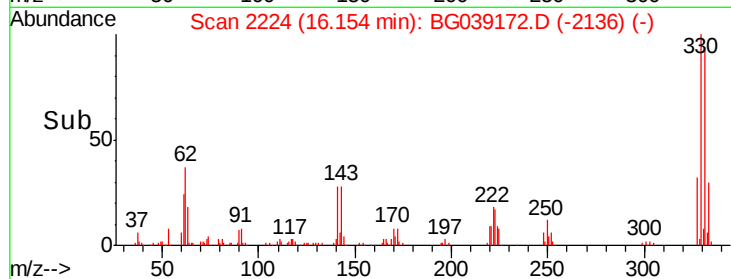
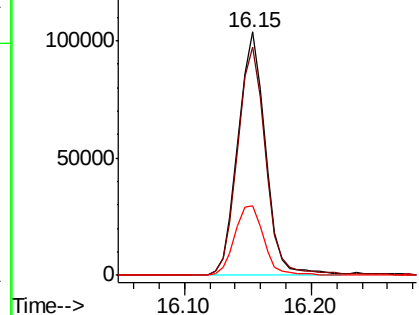


Abundance

Ion 329.80 (329.50 to 330.50): E

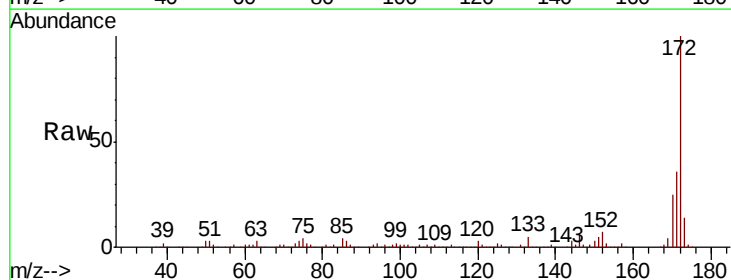
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.494 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039172.D
 Acq: 17 Jan 2019 00:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.6	20.1	30.1

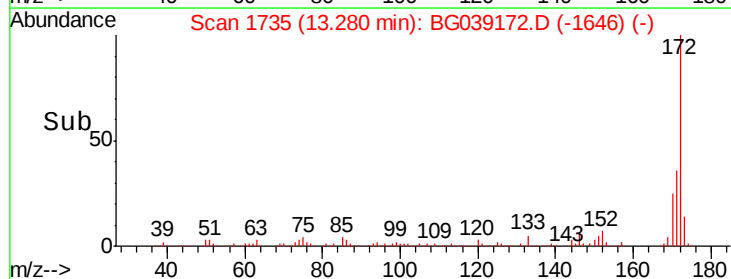
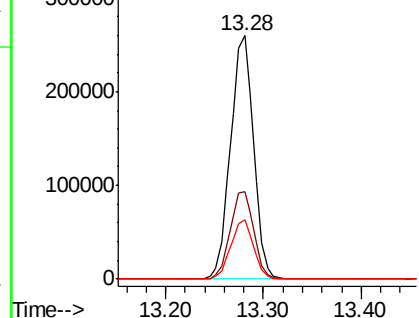


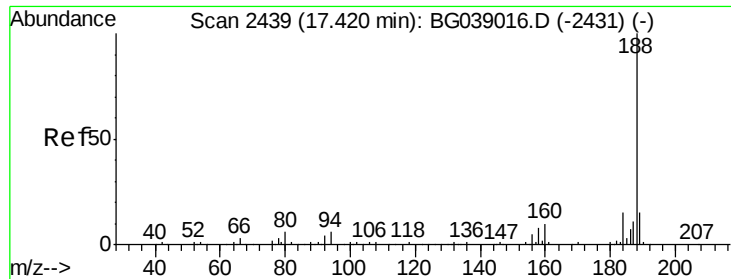
Abundance

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: 17.41 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

Instrument :

BNA_G

ClientSampleId :

NB-07-011419

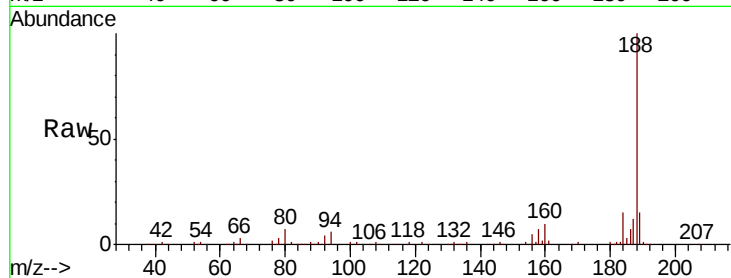
Tot Ion:188 Resp: 180159

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.4

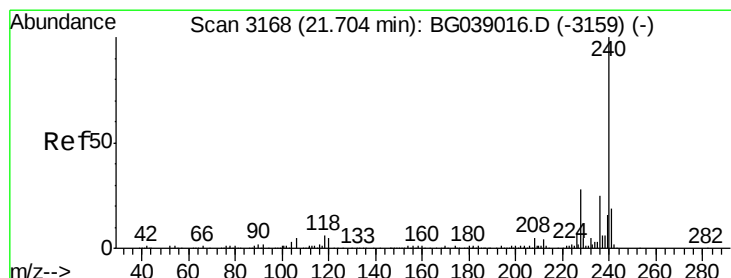
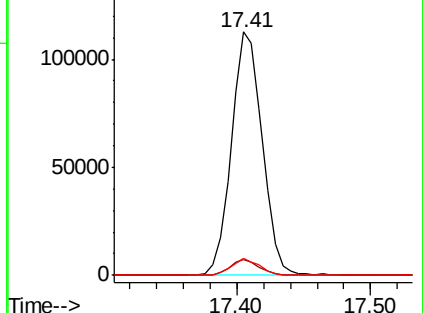
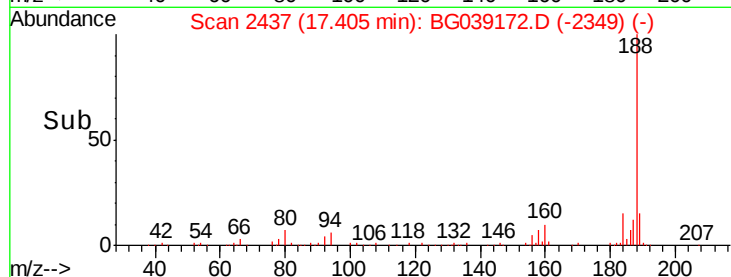
80 7.0 4.7 7.1



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# 3165

Delta R.T. -0.02 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

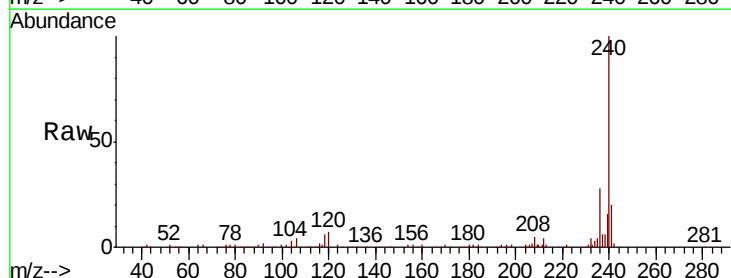
Tgt Ion:240 Resp: 185233

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

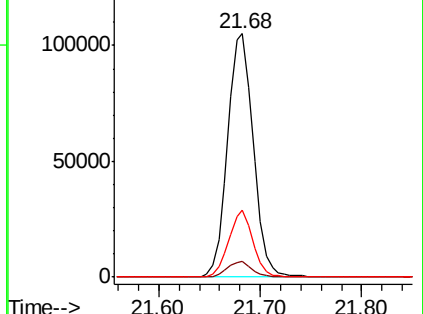
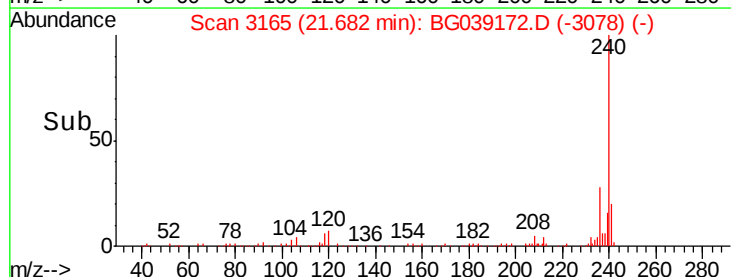
236 27.6 20.1 30.1

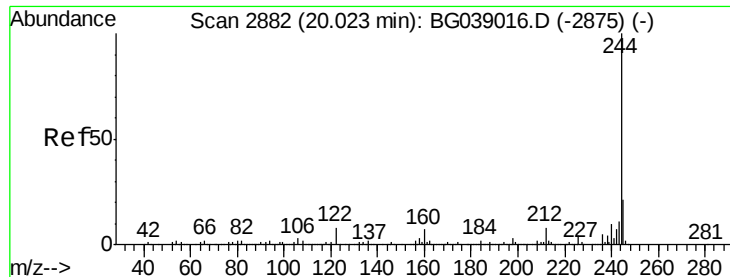


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.564 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

Instrument :

BNA_G

ClientSampleId :

NB-07-011419

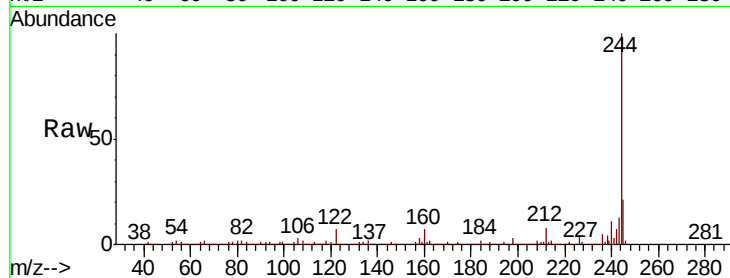
Tot Ion:244 Resp: 976921

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

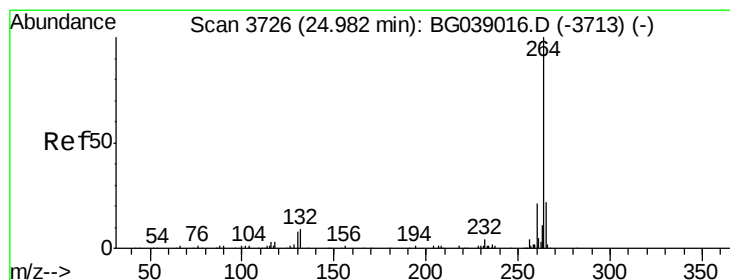
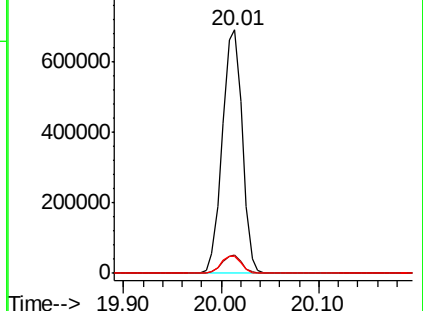
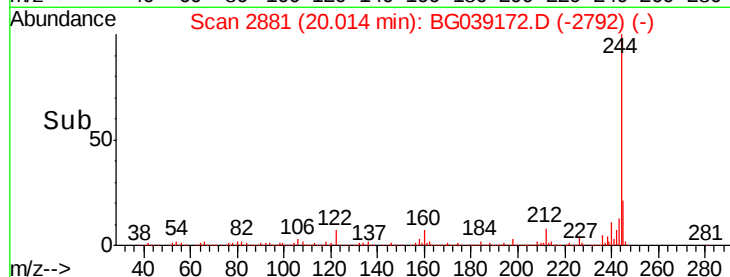
122 6.9 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. -0.03 min

Lab File: BG039172.D

Acq: 17 Jan 2019 00:56

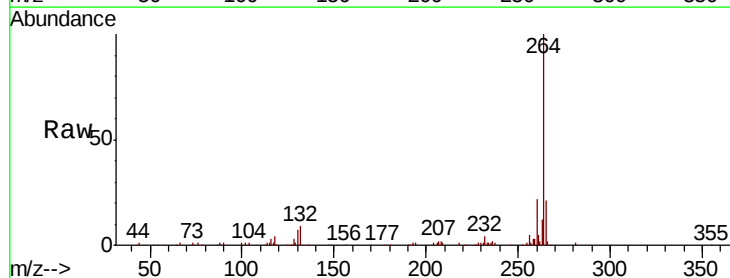
Tgt Ion:264 Resp: 196457

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 21.2 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

