

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039043.D
 Acq On : 10 Jan 2019 6:56
 Operator : JU/SJ
 Sample : K1006-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-A

Quant Time: Jan 10 08:02:58 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	8.03	152	19083	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	84711	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68875	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	213767	20.00	ng	0.00
76) Chrysene-d12	21.70	240	202300	20.00	ng	0.00
87) Perylene-d12	24.97	264	204425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143603	142.75	ng	0.00
7) Phenol-d6	7.19	99	191979	132.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	130455	84.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	181746	157.42	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	388682	77.23	ng	0.00
79) Terphenyl-d14	20.03	244	1073153	98.13	ng	0.00

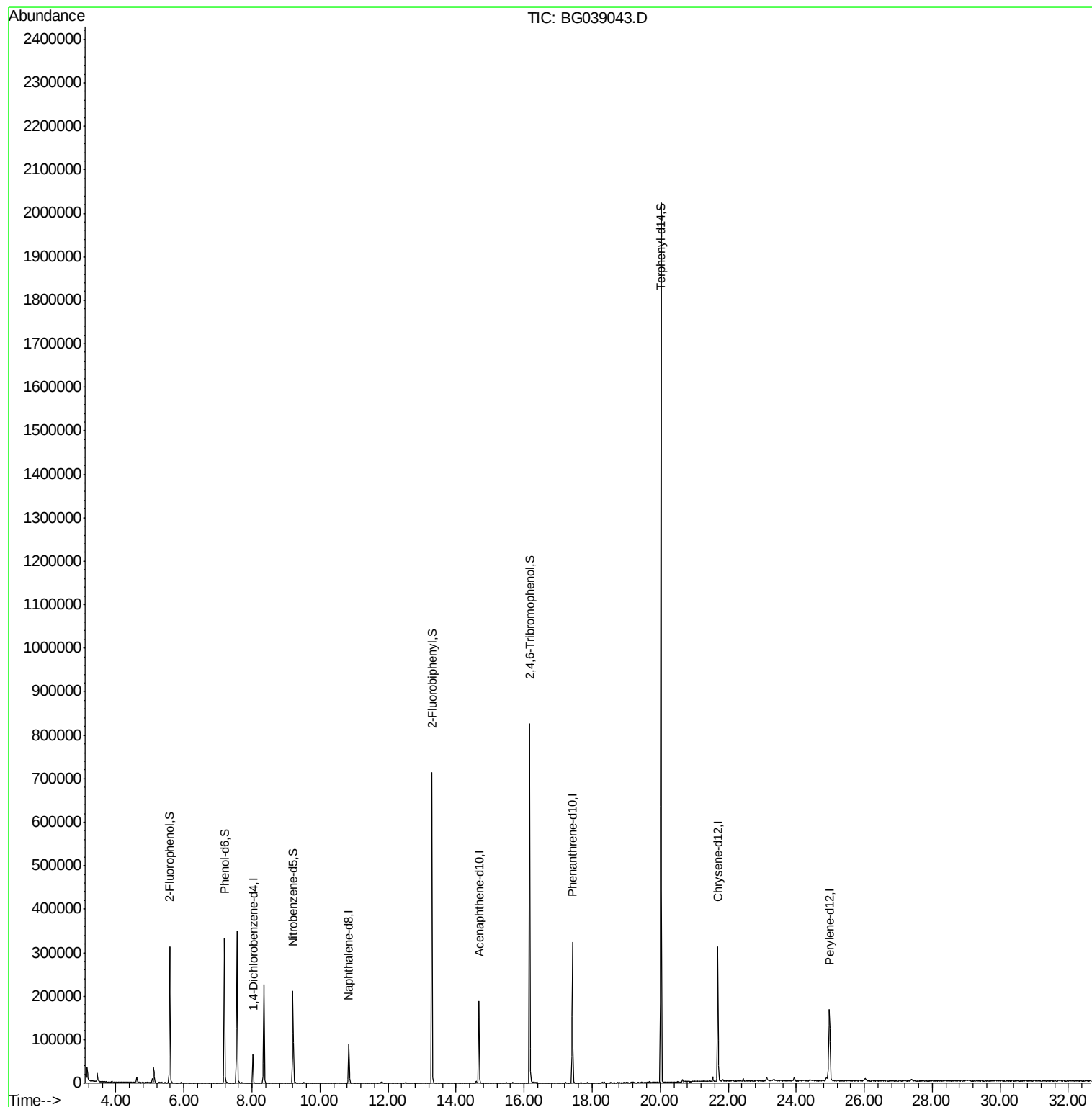
Target Compounds Qvalue

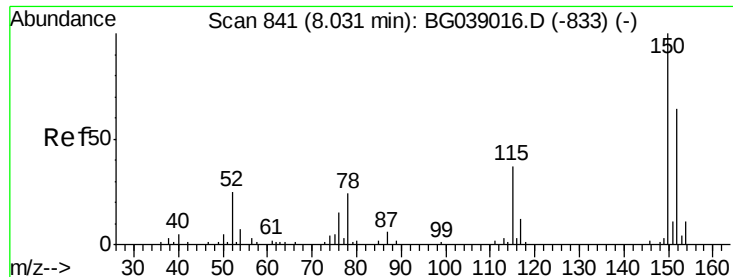
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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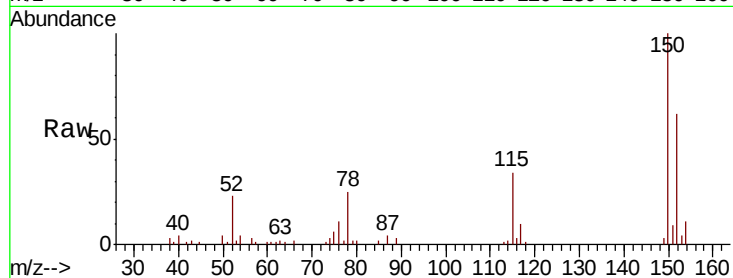


#1

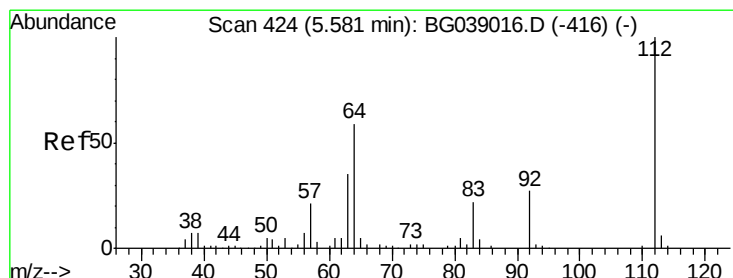
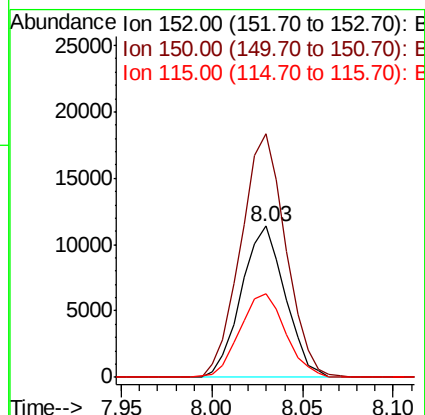
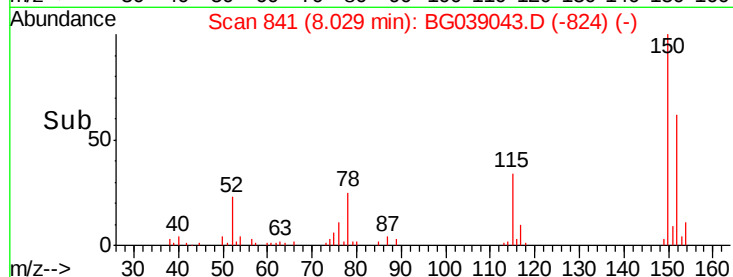
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-A

Tot Ion:152 Resp: 19083
Ion Ratio Lower Upper
152 100
150 161.1 124.7 187.1
115 55.1 46.5 69.7



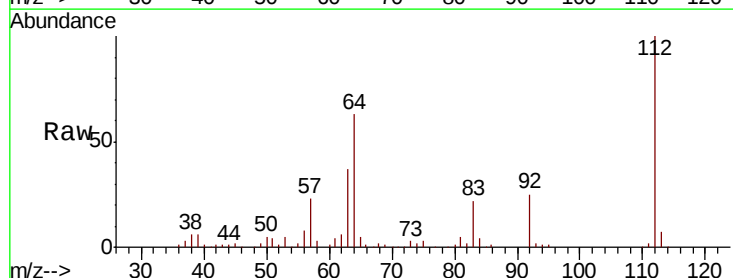
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



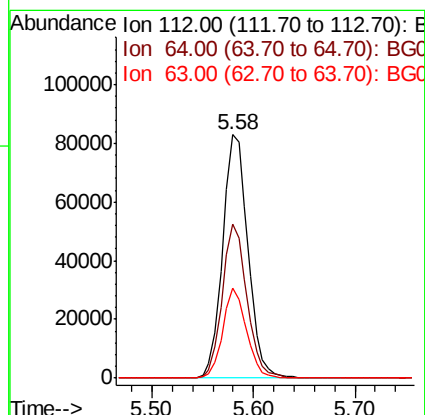
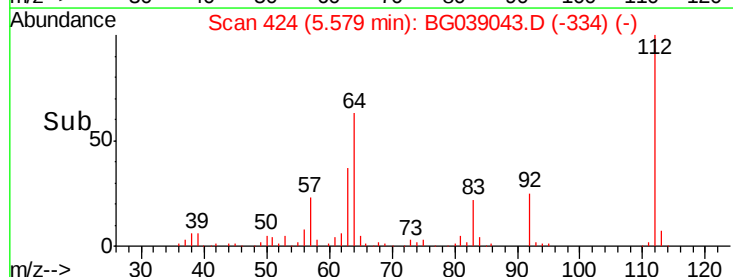
#5

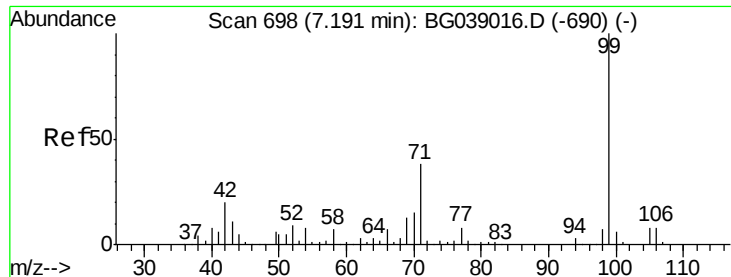
2-Fluorophenol
Concen: 142.751 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

Tgt Ion:112 Resp: 143603
Ion Ratio Lower Upper
112 100
64 63.4 47.0 70.6
63 36.7 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: 132.608 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-A

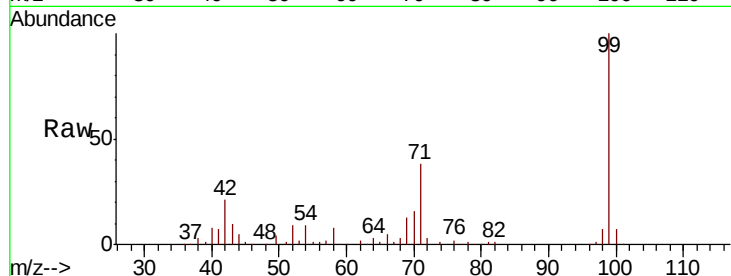
Tot Ion: 99 Resp: 191979

Ion Ratio Lower Upper

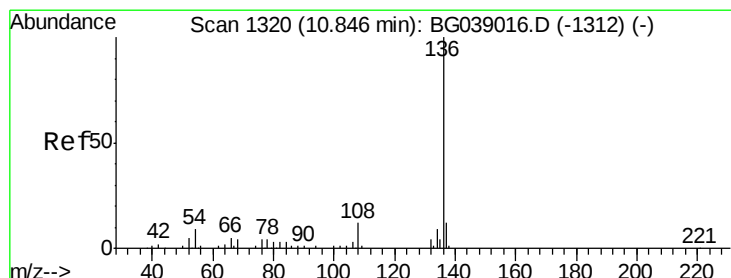
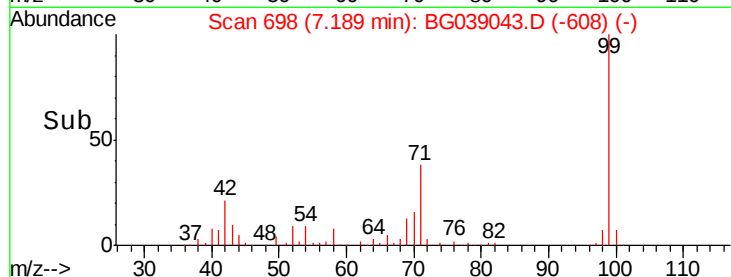
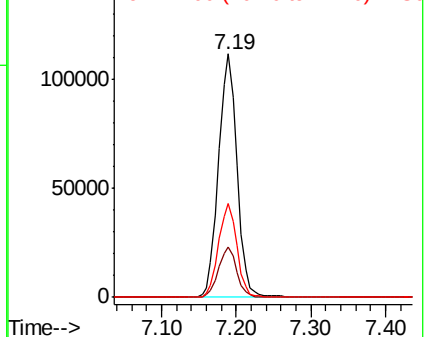
99 100

42 20.6 15.8 23.6

71 38.5 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# 1320

Delta R.T. -0.00 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

Tgt Ion: 136 Resp: 84711

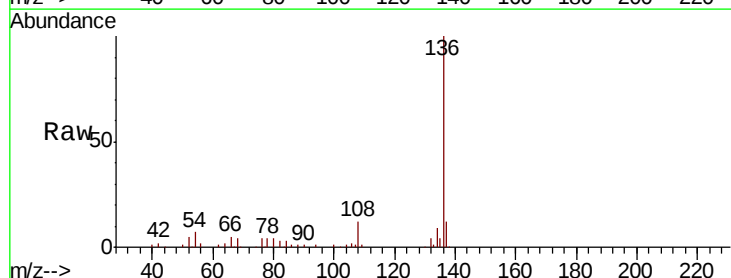
Ion Ratio Lower Upper

136 100

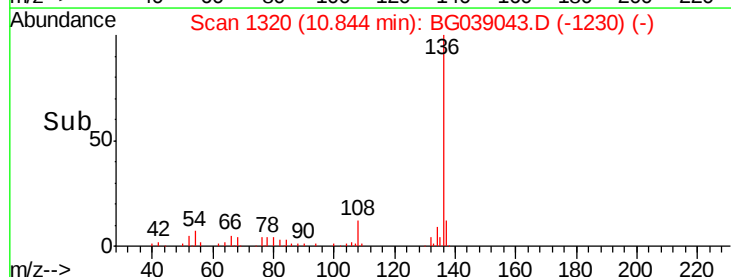
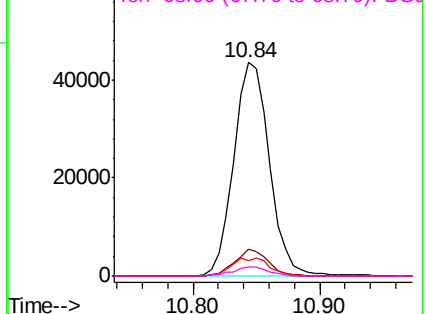
137 12.4 9.4 14.2

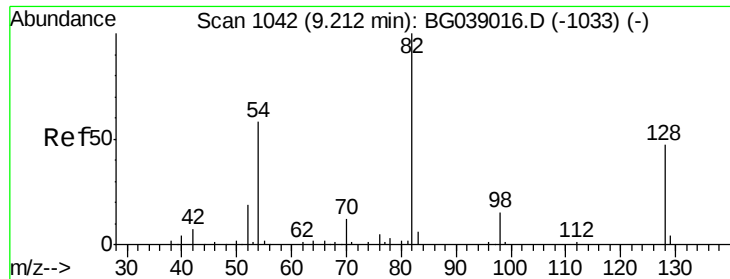
54 7.1 7.2 10.8#

68 4.1 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

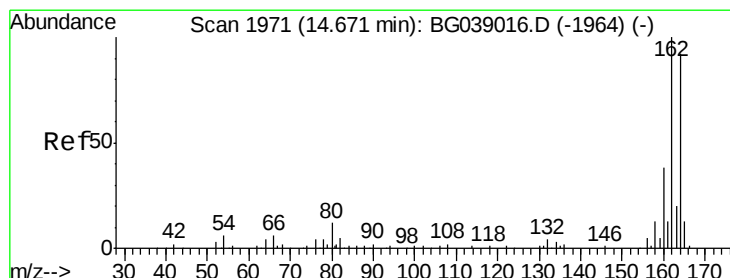
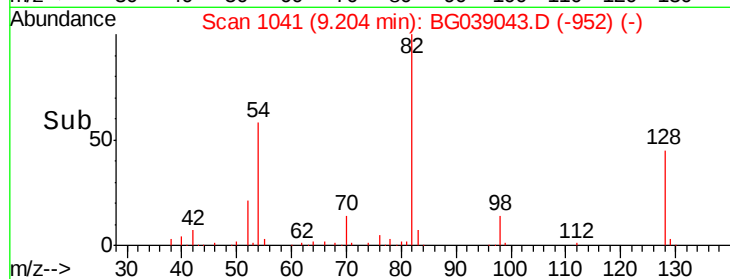
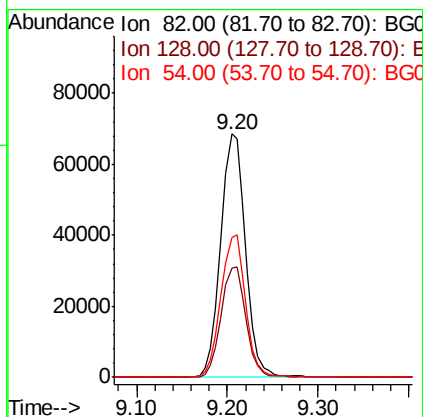
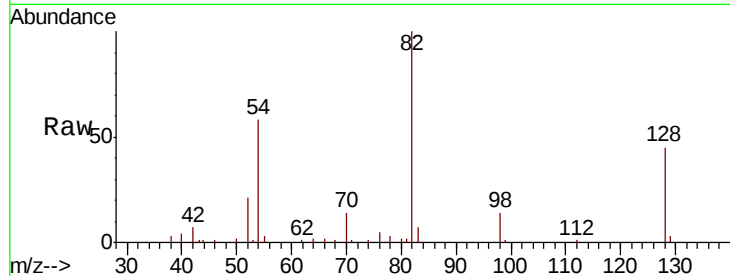




#23
Nitrobenzene-d5
Concen: 84.268 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

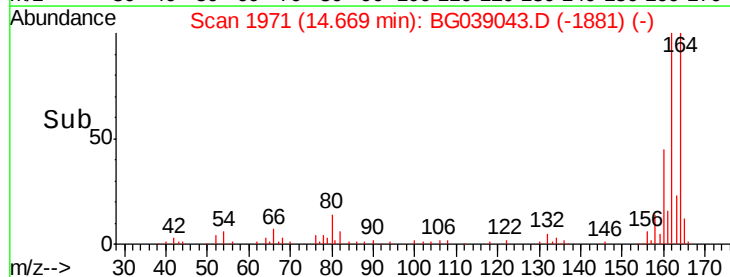
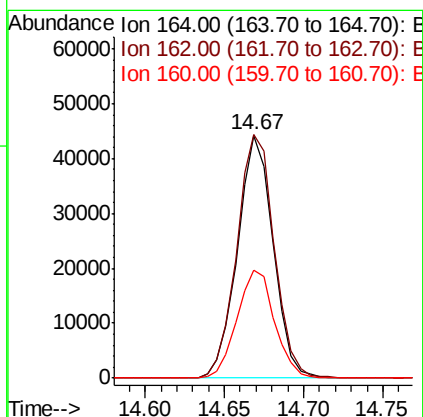
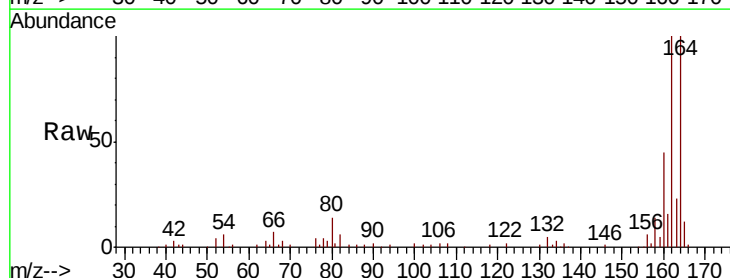
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-A

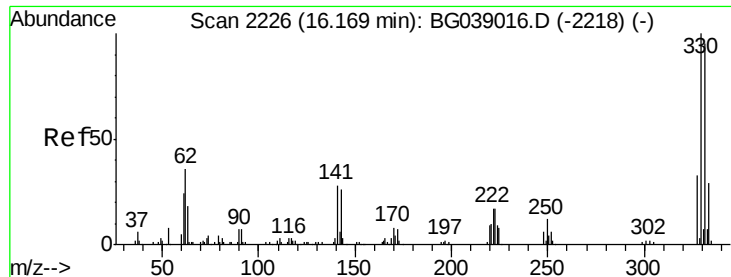
Tot Ion: 82 Resp: 130455
Ion Ratio Lower Upper
82 100
128 44.7 37.3 55.9
54 57.6 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

Tgt Ion: 164 Resp: 68875
Ion Ratio Lower Upper
164 100
162 100.4 87.2 130.8
160 44.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 157.419 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-A

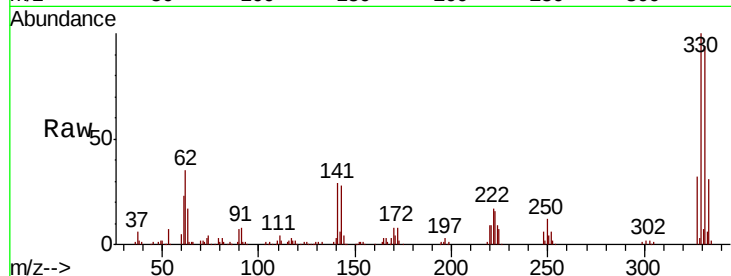
Tot Ion:330 Resp: 181746

Ion Ratio Lower Upper

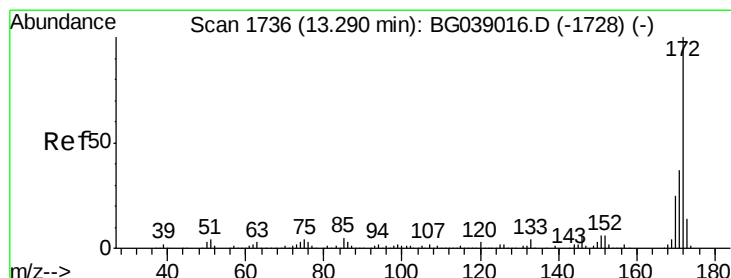
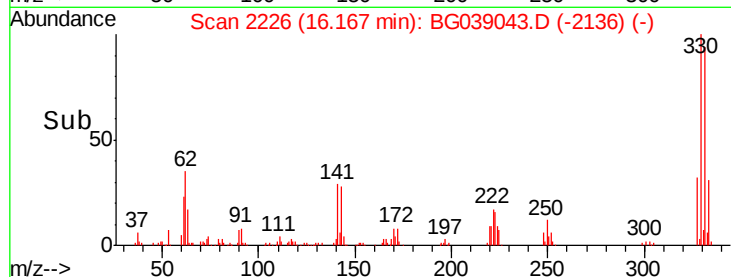
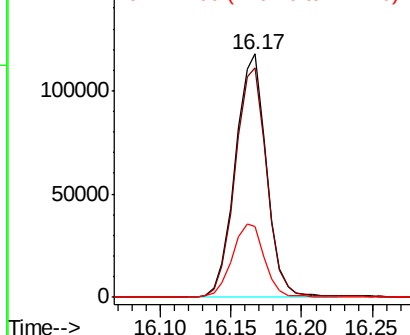
330 100

332 96.8 75.7 113.5

141 31.5 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: 77.232 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

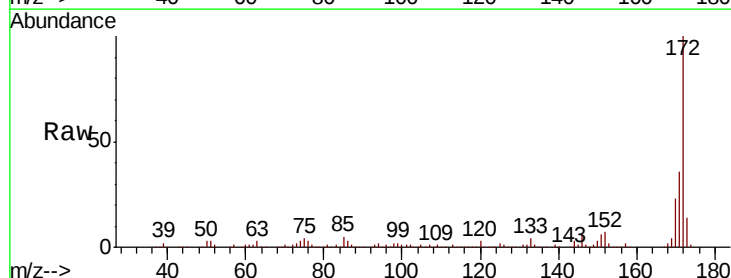
Tgt Ion:172 Resp: 388682

Ion Ratio Lower Upper

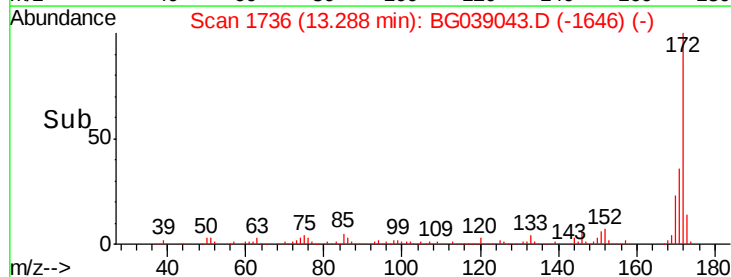
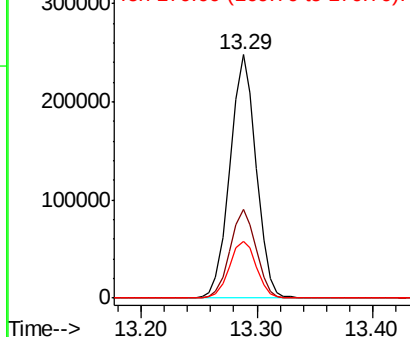
172 100

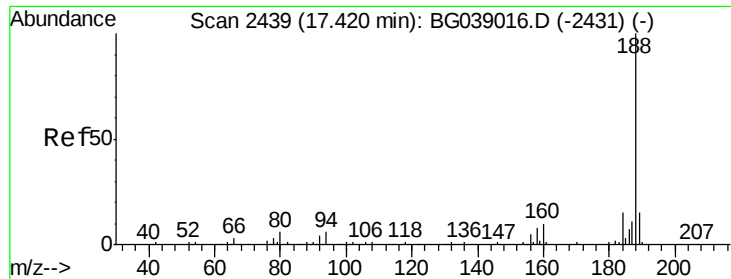
171 36.3 29.4 44.0

170 23.3 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

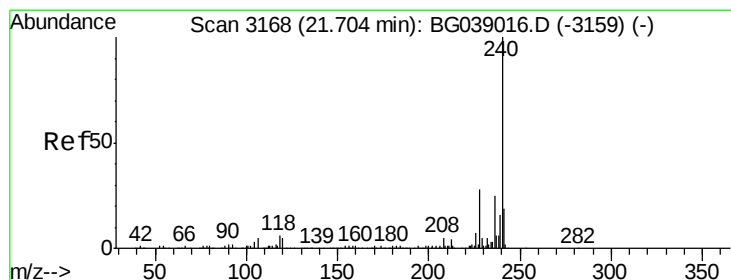
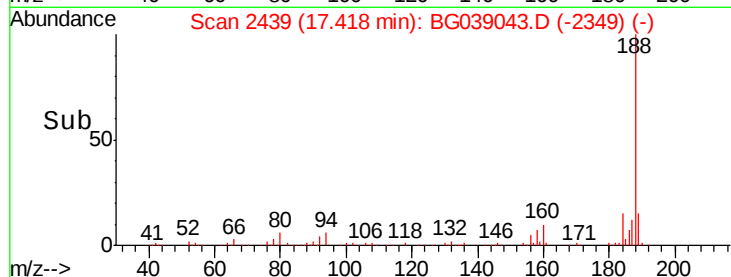
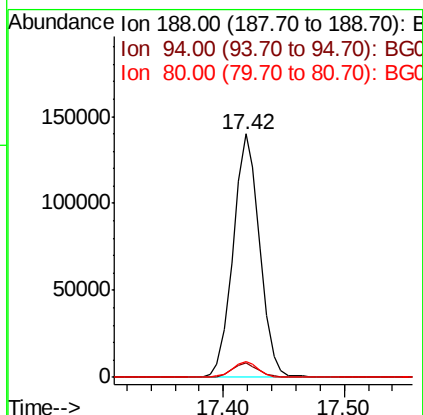
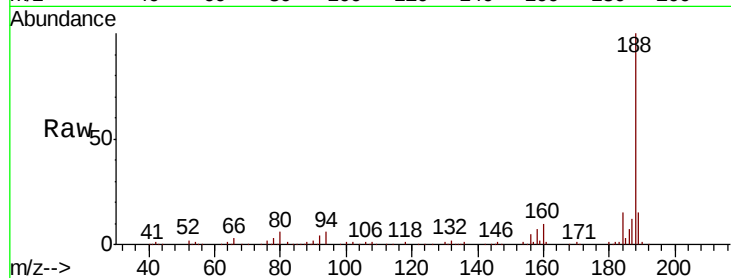




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

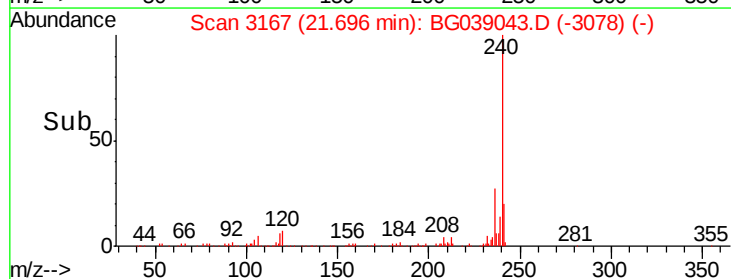
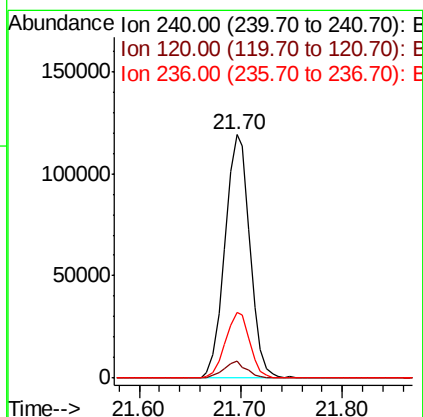
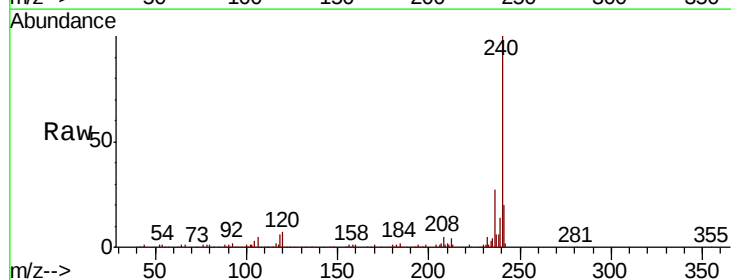
Instrument :
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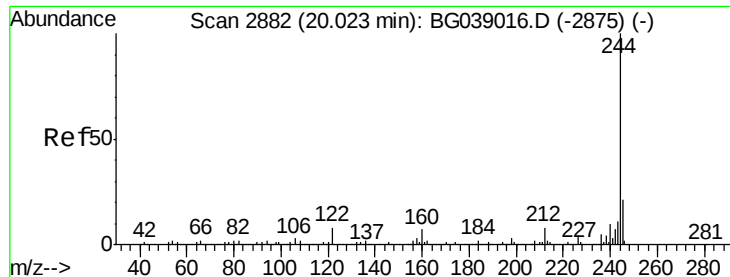
Tot Ion:188 Resp: 213767
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.4
80 6.3 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039043.D
Acq: 10 Jan 2019 6:56

Tgt Ion:240 Resp: 202300
Ion Ratio Lower Upper
240 100
120 6.9 4.3 6.5#
236 26.8 20.1 30.1





#79

Terphenyl-d14

Concen: 98.132 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-A

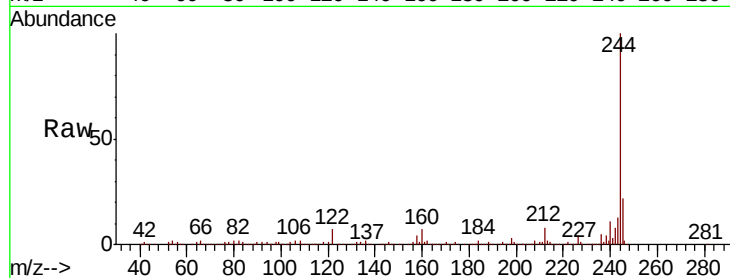
Tot Ion:244 Resp: 1073153

Ion Ratio Lower Upper

244 100

212 8.0 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

1000000

800000

600000

400000

200000

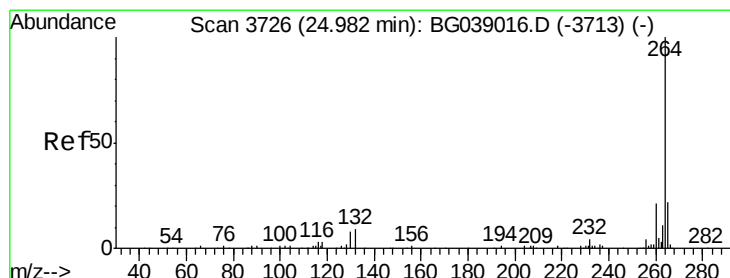
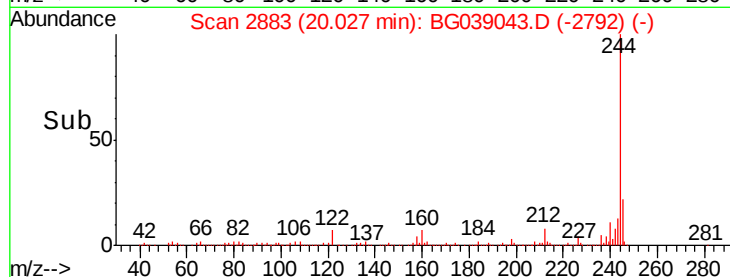
0

20.03

20.00

20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039043.D

Acq: 10 Jan 2019 6:56

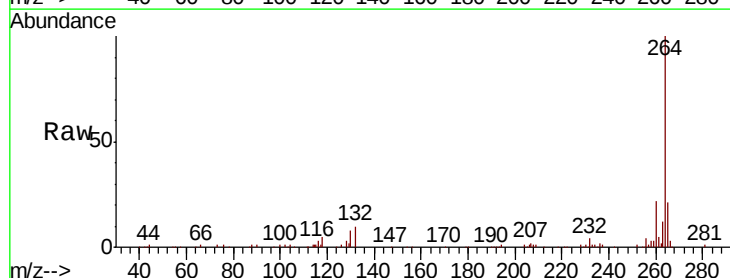
Tgt Ion:264 Resp: 204425

Ion Ratio Lower Upper

264 100

260 22.0 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

80000

60000

40000

20000

0

24.97

24.90

25.00

25.10

Time-->

