

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039133.D
 Acq On : 15 Jan 2019 15:14
 Operator : JU/SJ
 Sample : PB116382BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BL

Quant Time: Jan 15 17:24:26 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	16327	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	69123	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	50953	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	153757	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180990	20.00	ng	-0.01
87) Perylene-d12	24.96	264	199423	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	142798	165.91	ng	0.00
7) Phenol-d6	7.18	99	144998	117.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	84979	67.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	99483	116.48	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	270681	72.70	ng	0.00
79) Terphenyl-d14	20.02	244	679387	69.44	ng	0.00

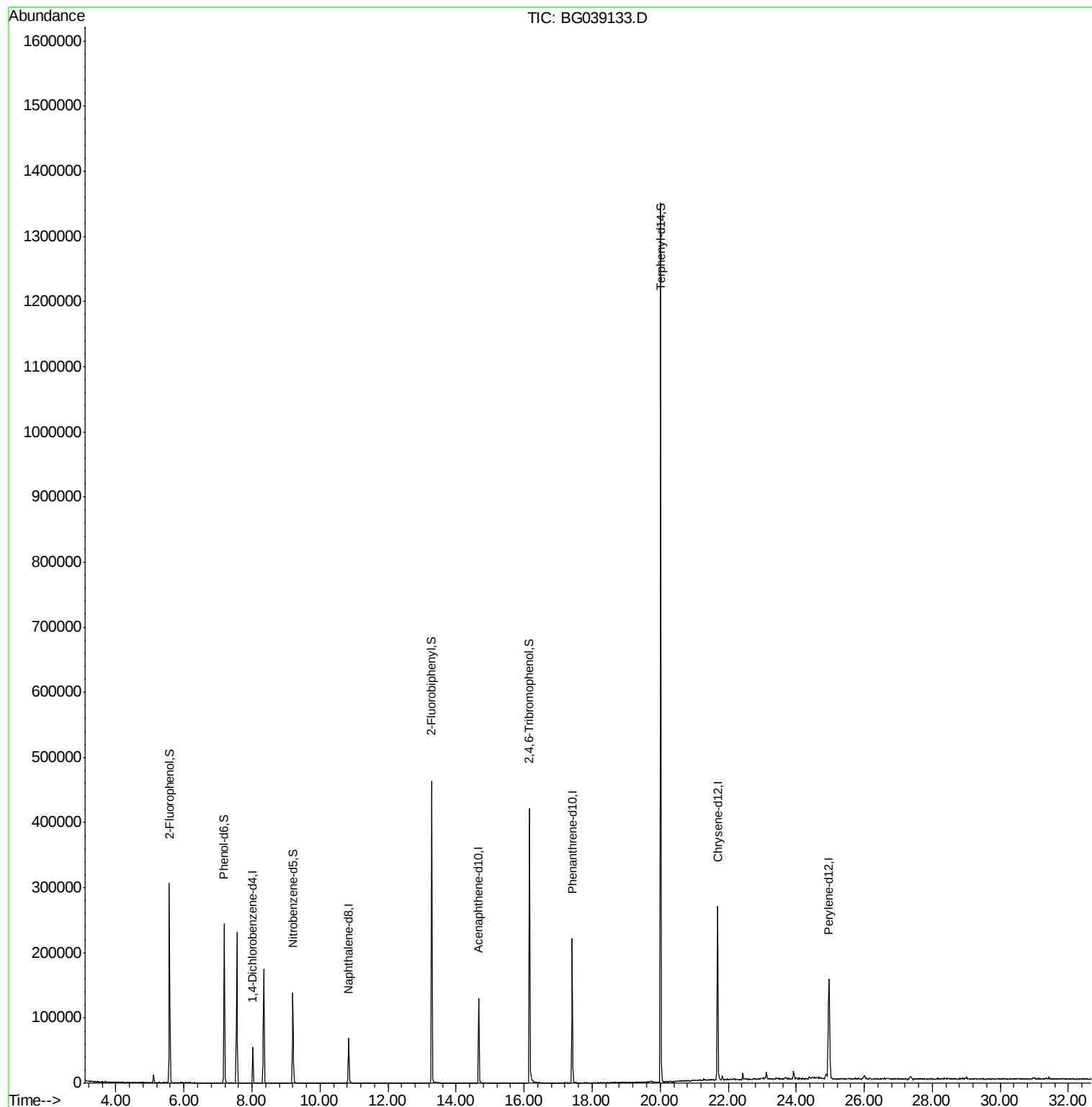
Target Compounds Qvalue

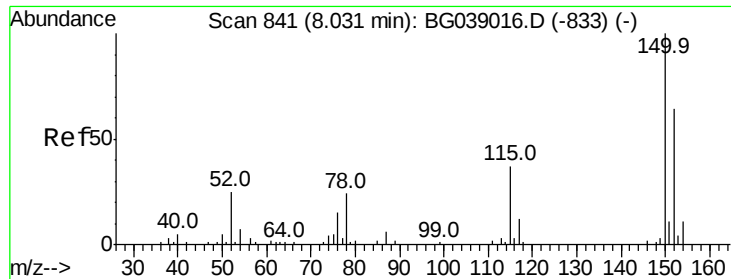
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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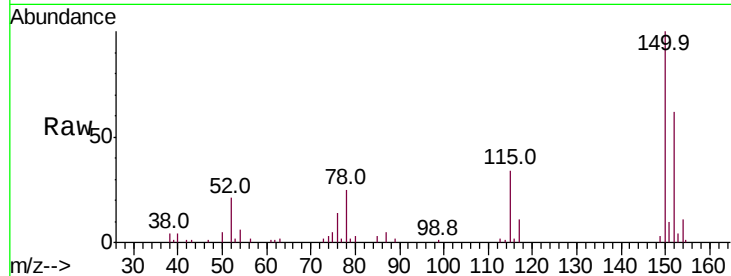


#1

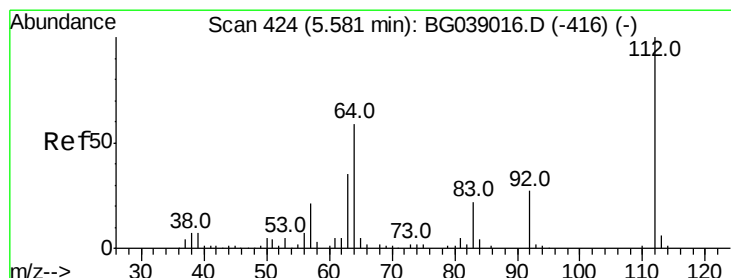
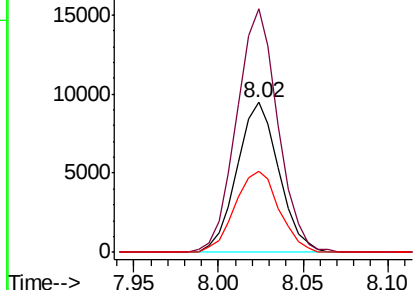
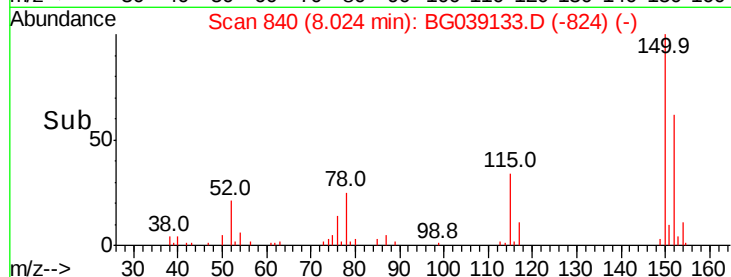
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :
PB116382BL

Tot Ion:152 Resp: 16327
Ion Ratio Lower Upper
152 100
150 162.4 124.7 187.1
115 54.5 46.5 69.7



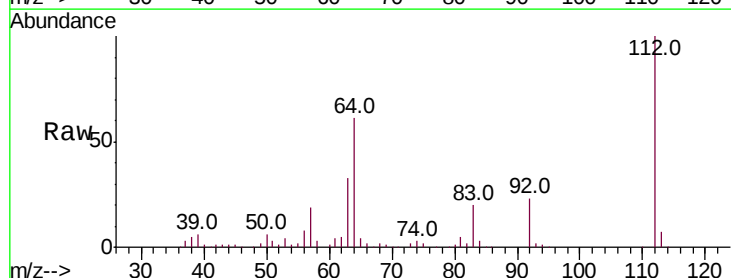
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



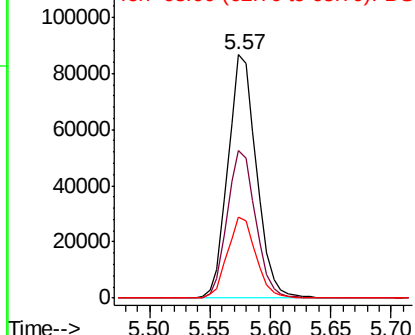
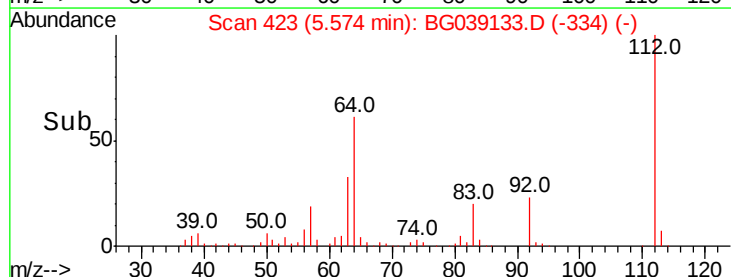
#5

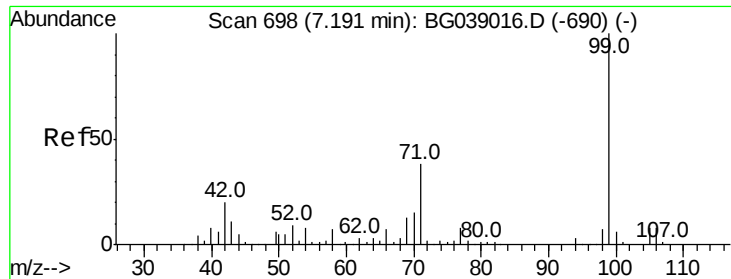
2-Fluorophenol
Concen: 165.912 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Tgt Ion:112 Resp: 142798
Ion Ratio Lower Upper
112 100
64 60.5 47.0 70.6
63 33.3 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: 117.063 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

PB116382BL

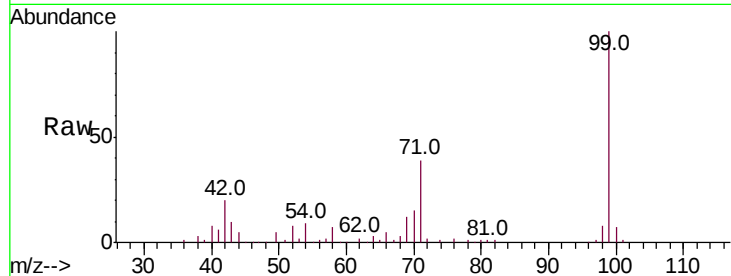
Tot Ion: 99 Resp: 144998

Ion Ratio Lower Upper

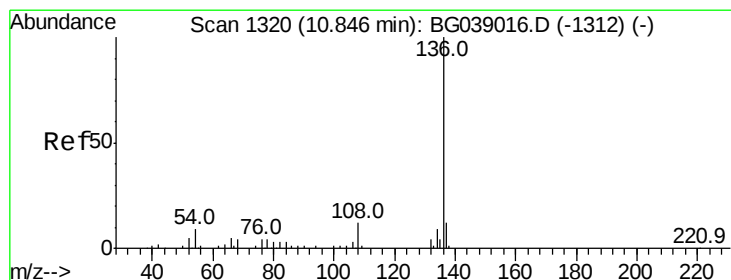
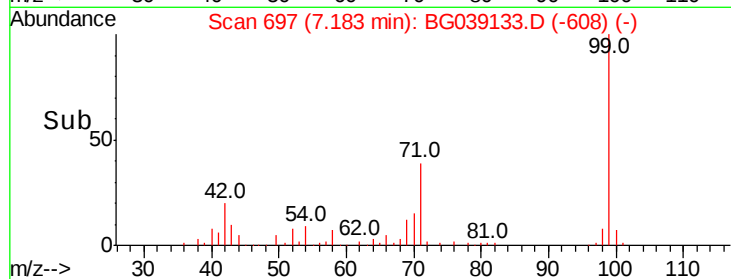
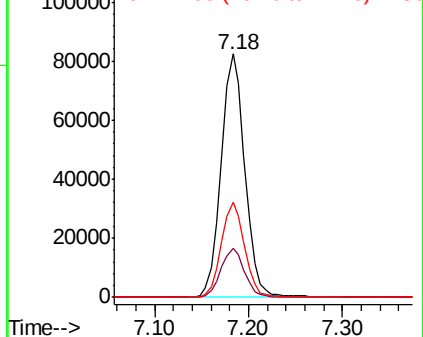
99 100

42 20.1 15.8 23.6

71 39.2 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: BG039133.D

Acq: 15 Jan 2019 15:14

Tgt Ion: 136 Resp: 69123

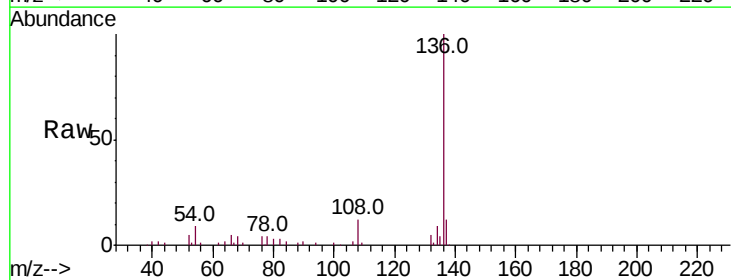
Ion Ratio Lower Upper

136 100

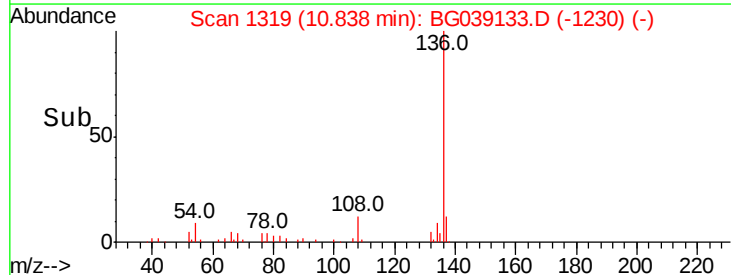
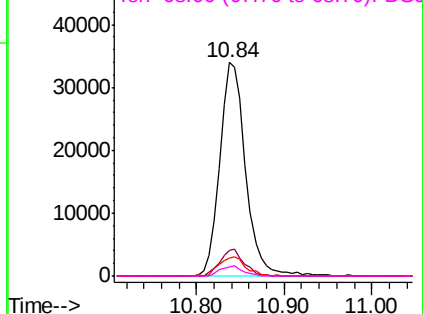
137 12.3 9.4 14.2

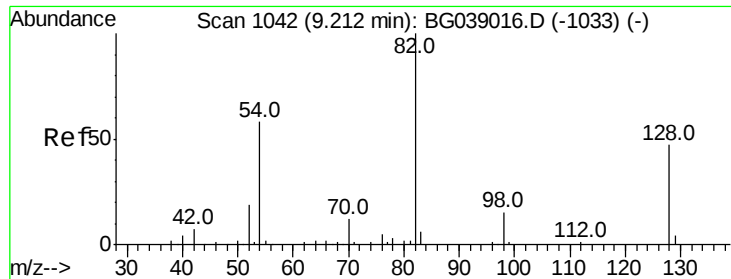
54 8.7 7.2 10.8

68 4.3 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

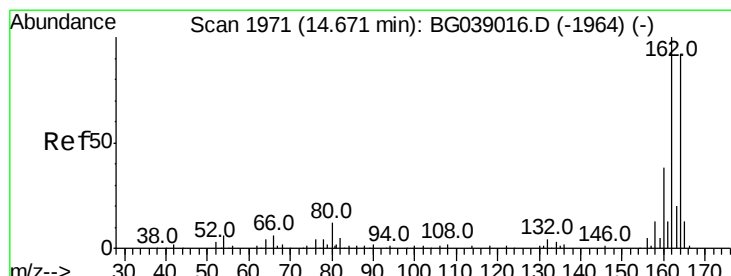
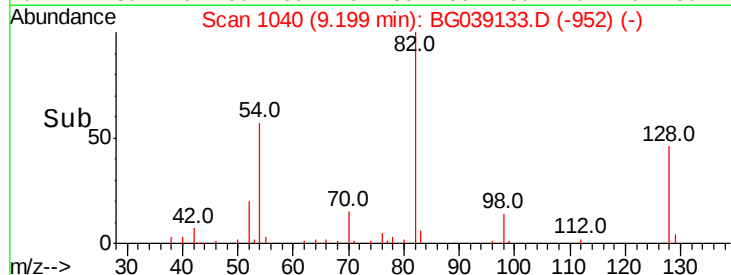
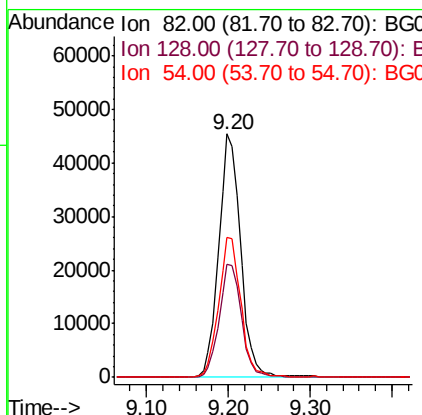
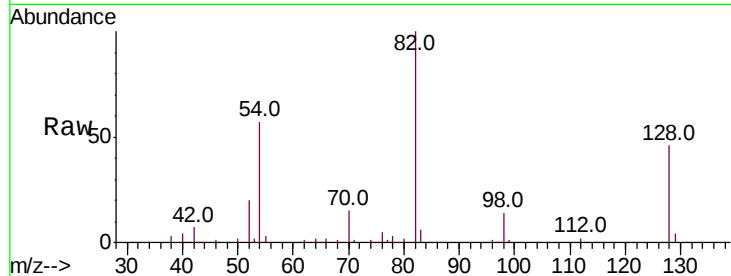




#23
 Nitrobenzene-d5
 Concen: 67.271 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

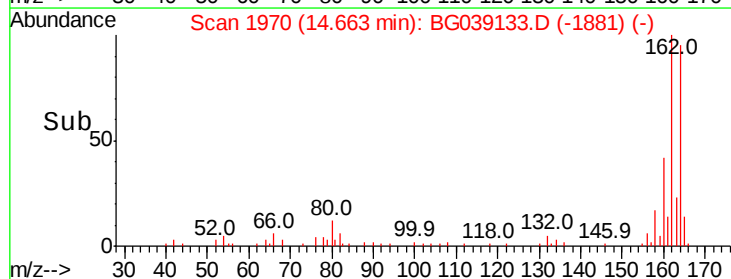
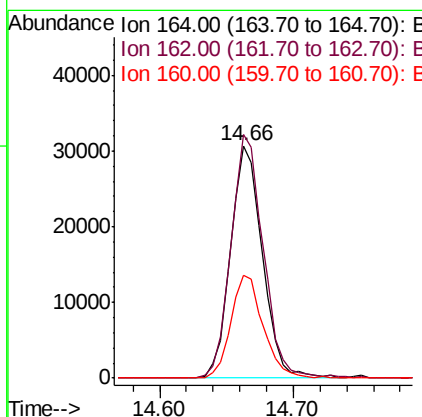
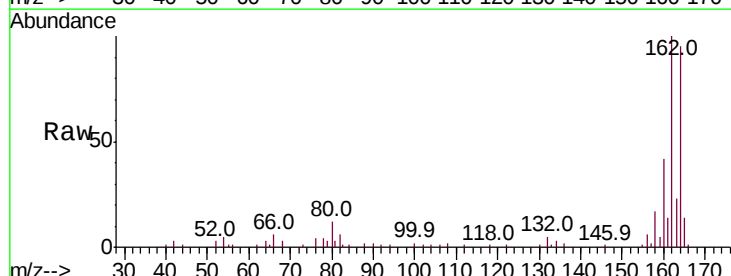
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BL

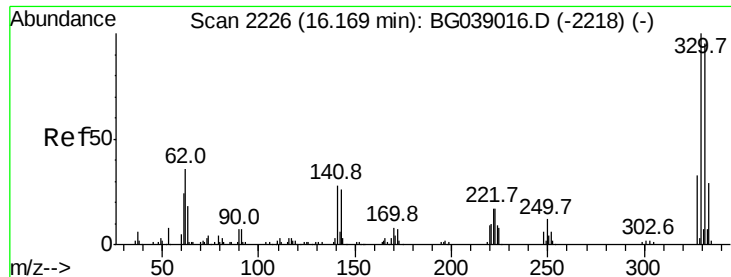
Tot Ion: 82 Resp: 84979
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.3 55.9
 54 57.3 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

Tgt Ion: 164 Resp: 50953
 Ion Ratio Lower Upper
 164 100
 162 104.9 87.2 130.8
 160 44.0 33.3 49.9

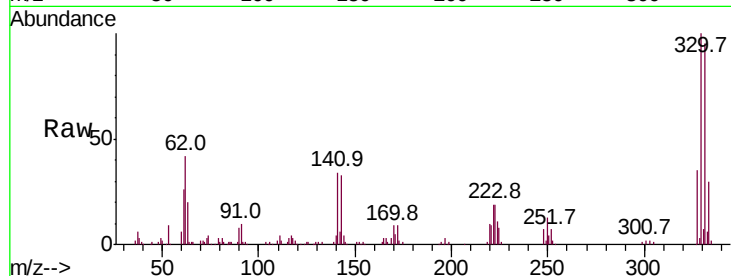




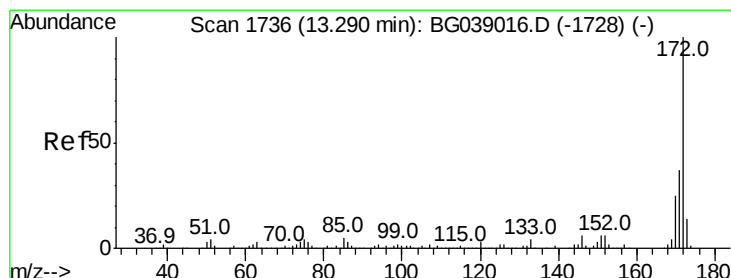
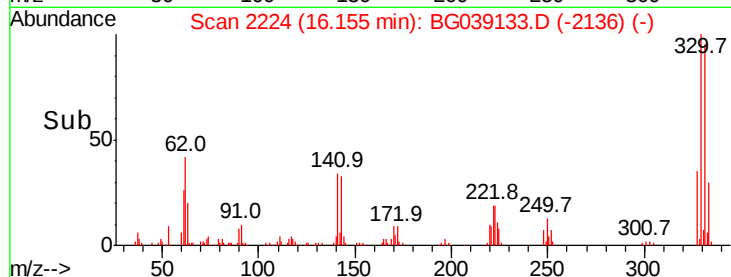
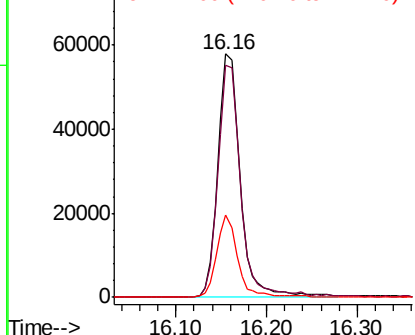
#42
 2,4,6-Tribromophenol
 Concen: 116.475 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BL

Tot Ion:330 Resp: 99483
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 31.4 24.9 37.3

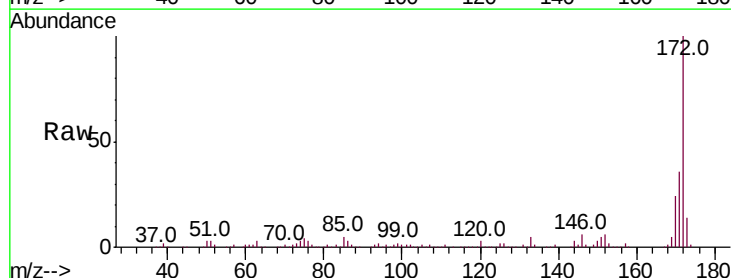


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

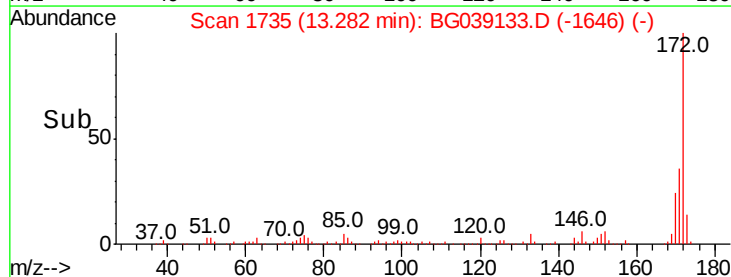
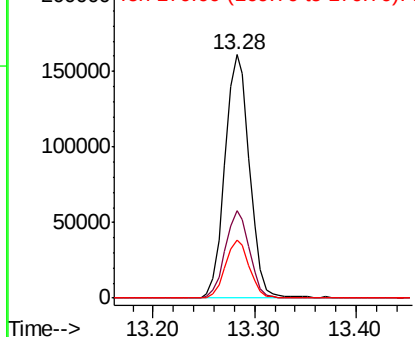


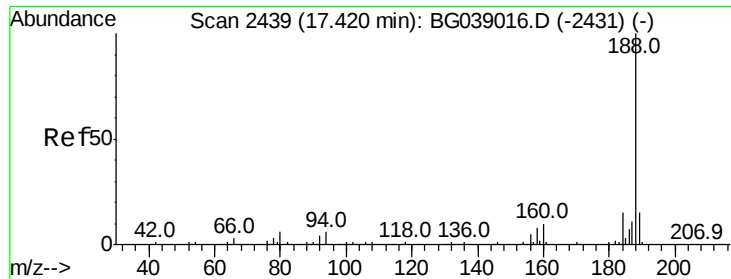
#45
 2-Fluorobiphenyl
 Concen: 72.703 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

Tgt Ion:172 Resp: 270681
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.8 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

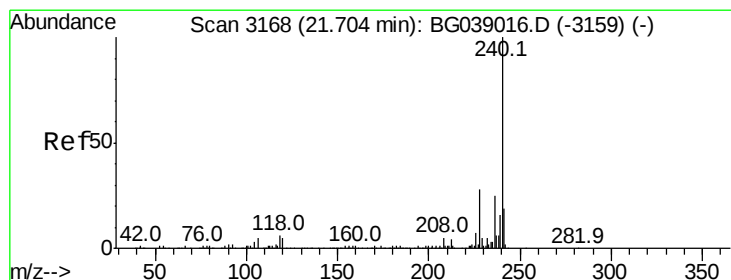
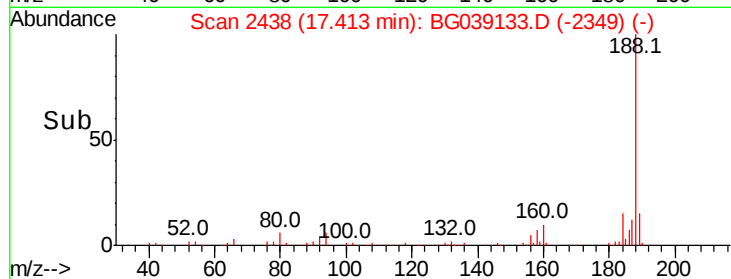
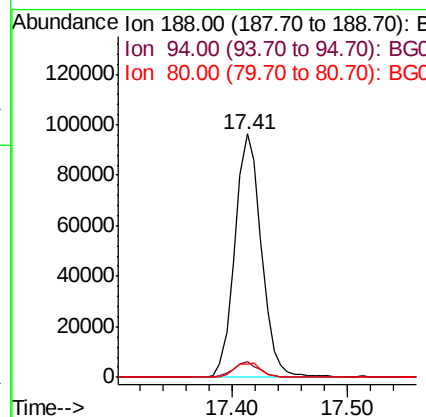
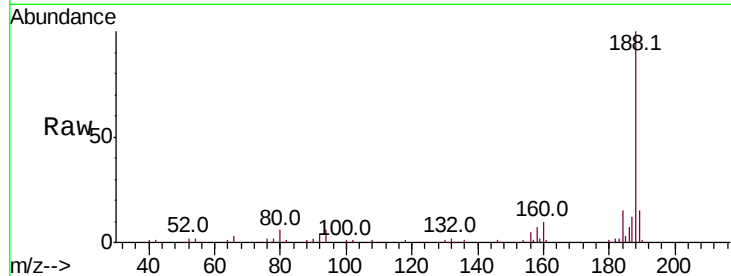




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

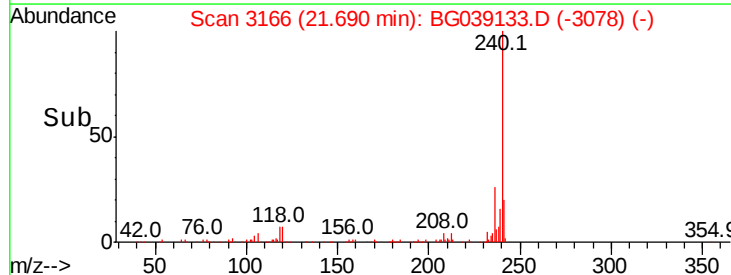
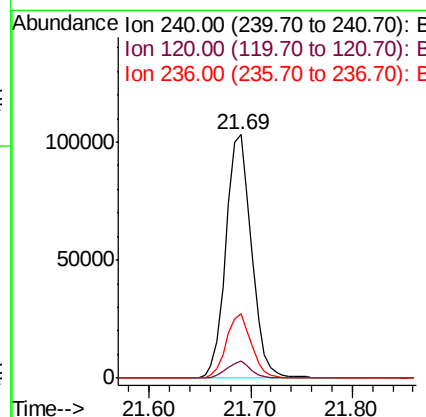
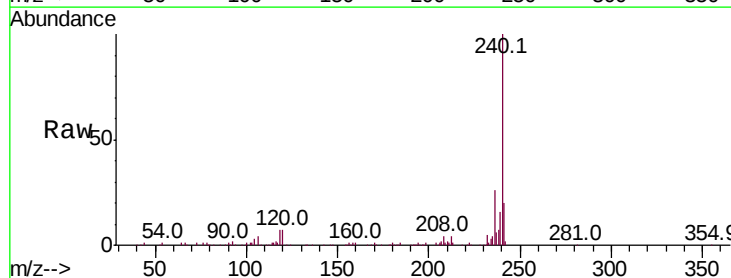
Instrument :
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PB116382BL

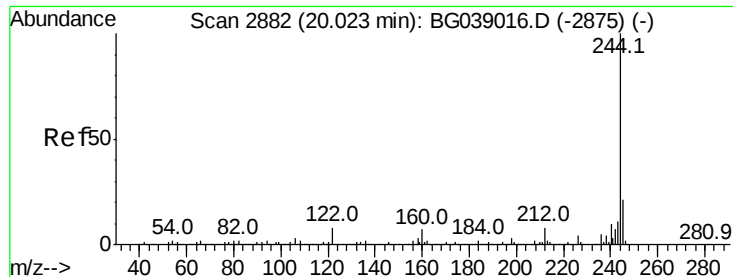
Tot Ion:188 Resp: 153757
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 5.5 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Tgt Ion:240 Resp: 180990
Ion Ratio Lower Upper
240 100
120 6.8 4.3 6.5#
236 26.4 20.1 30.1





#79

Terphenyl-d14

Concen: 69.440 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

PB116382BL

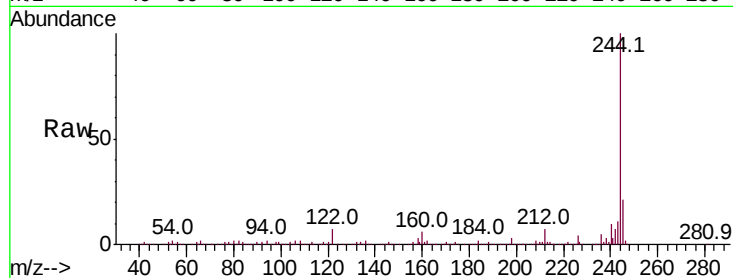
Tot Ion:244 Resp: 679387

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

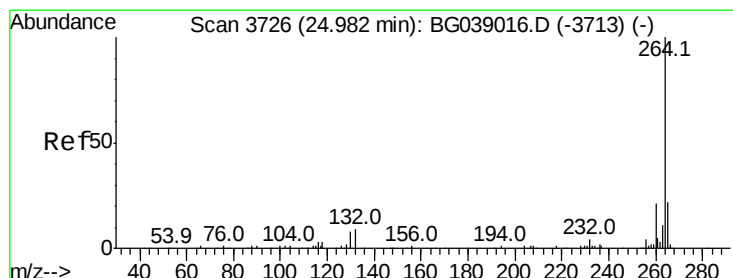
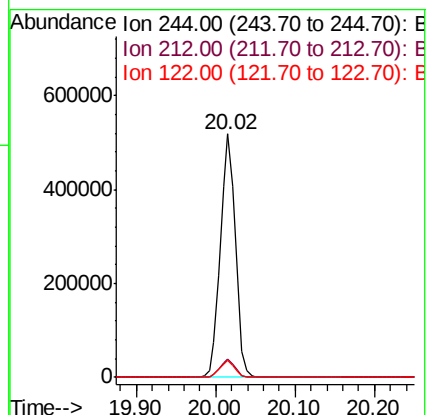
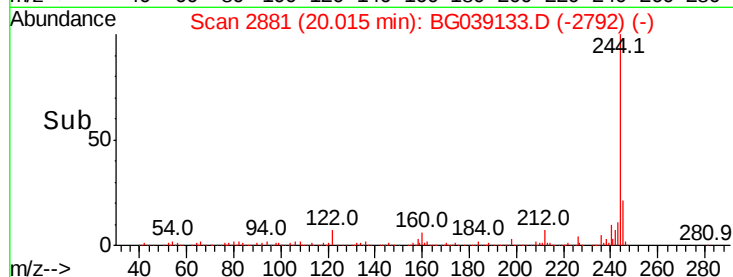
122 6.9 6.1 9.1



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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

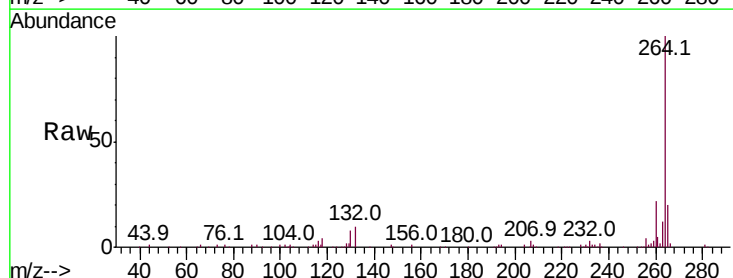
Tgt Ion:264 Resp: 199423

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 20.3 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

