

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039441.D
 Acq On : 11 Feb 2019 19:30
 Operator : JU/SJ
 Sample : K1356-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-A

Quant Time: Feb 12 03:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49511	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	226356	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	156828	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	402671	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	419331	20.00	ng	-0.02
87) Perylene-d12	25.21	264	421938	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	389217	134.55	ng	0.00
7) Phenol-d6	7.31	99	514417	120.81	ng	-0.01
23) Nitrobenzene-d5	9.35	82	369144	101.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	279856	165.72	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	928922	84.97	ng	-0.02
79) Terphenyl-d14	20.13	244	1602808	80.91	ng	-0.02

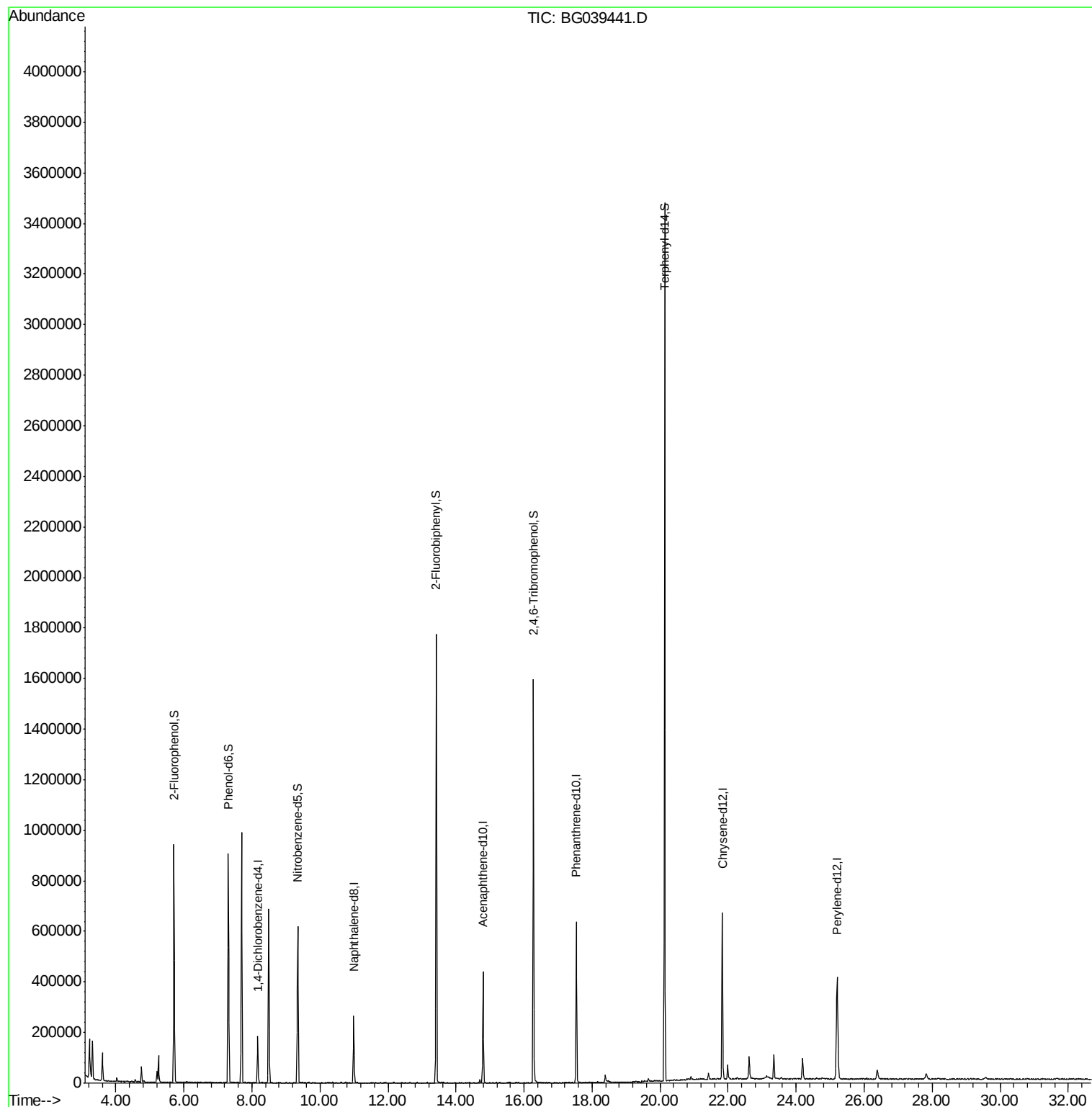
Target Compounds Qvalue

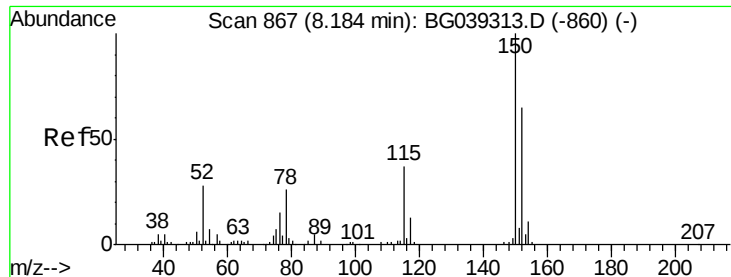
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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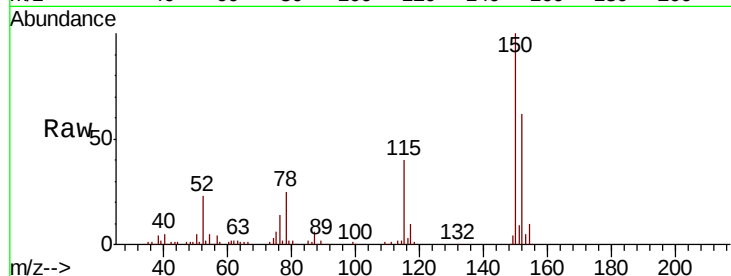


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039441.D
Acq: 11 Feb 2019 19:30

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.7	185.5
115	64.1	45.9	68.9

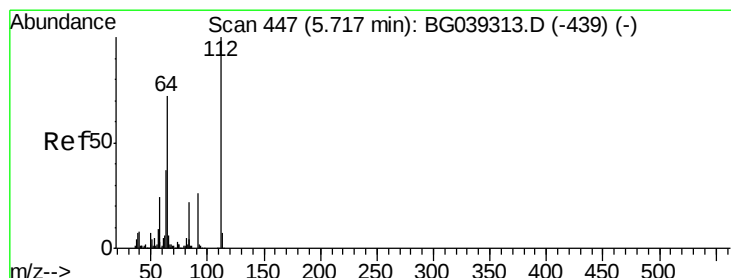
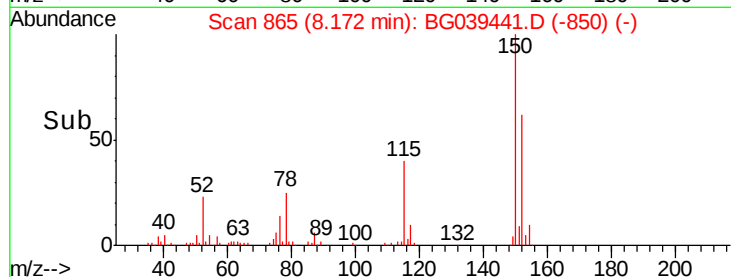
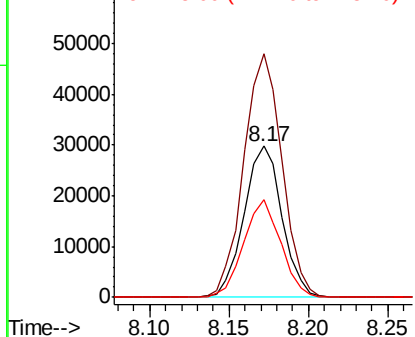


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

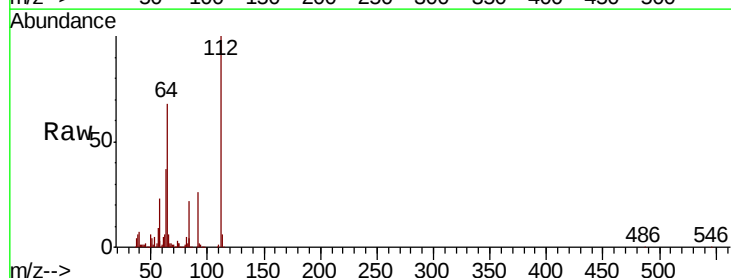
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.546 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039441.D
Acq: 11 Feb 2019 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	36.6	29.8	44.6

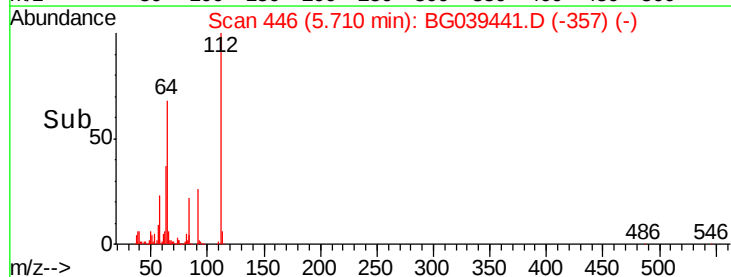
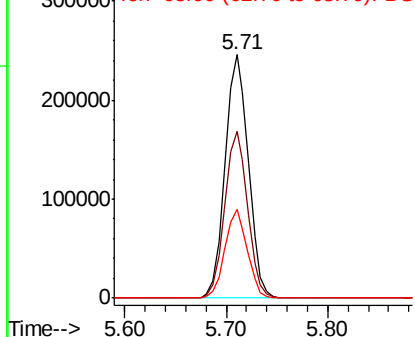


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.807 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-A

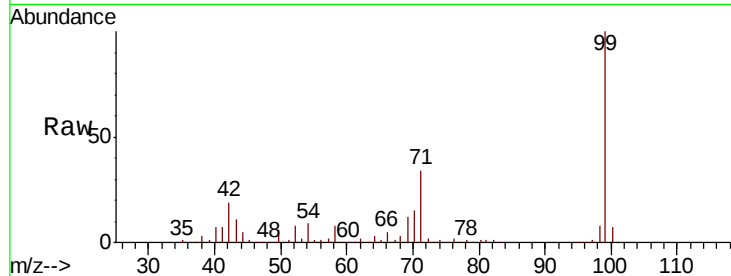
Tot Ion: 99 Resp: 514417

Ion Ratio Lower Upper

99 100

42 19.3 18.2 27.2

71 34.0 28.0 42.0

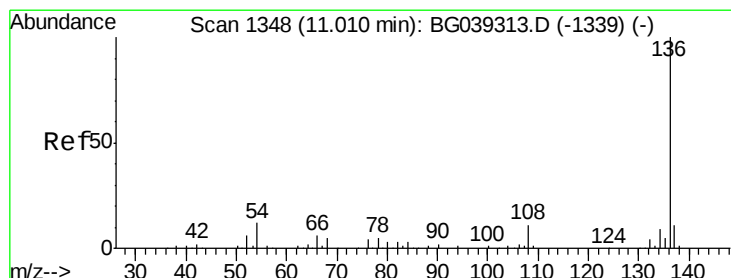
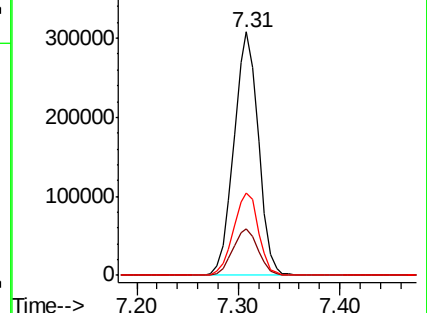
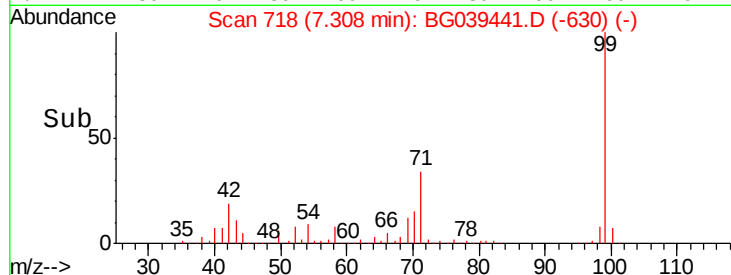


Abundance

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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

Tgt Ion: 136 Resp: 226356

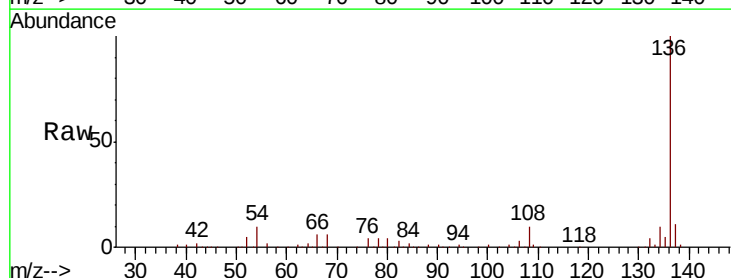
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 10.1 9.4 14.2

68 6.2 4.2 6.4



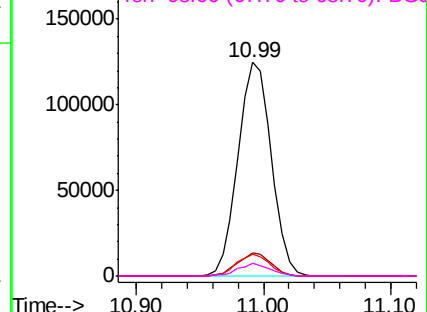
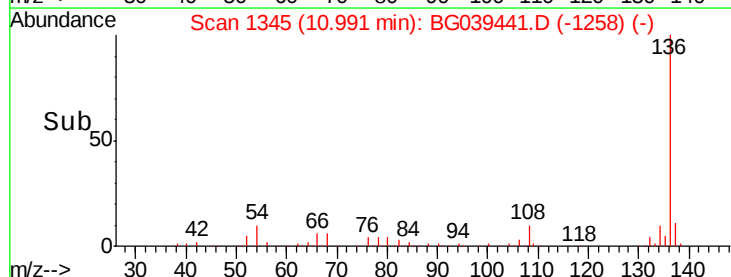
Abundance

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

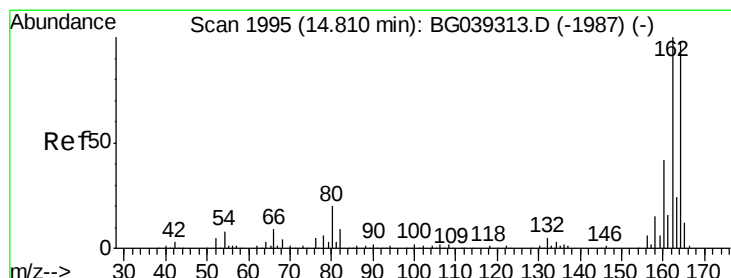
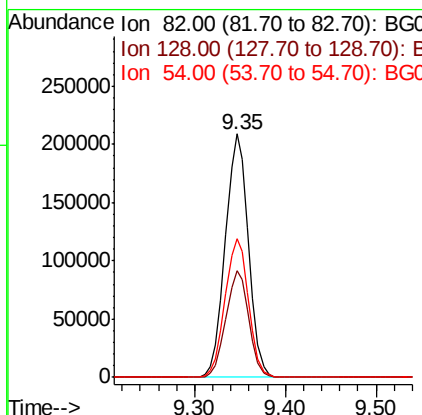
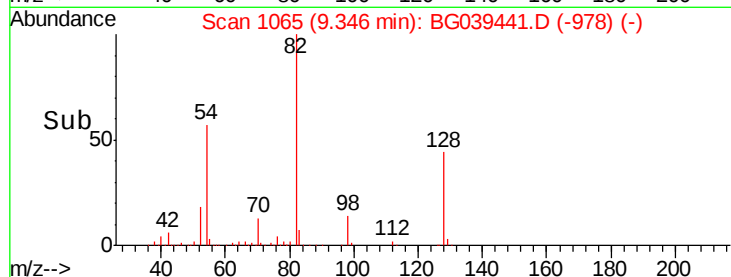
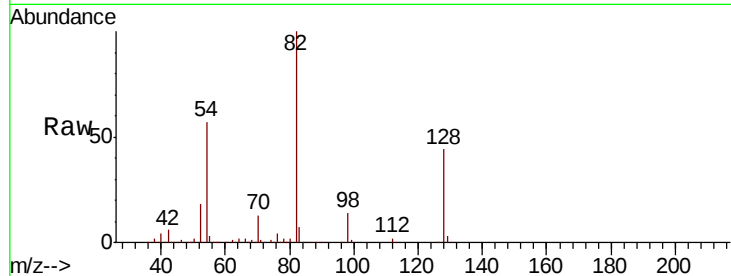




#23
Nitrobenzene-d5
Concen: 101.879 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039441.D
Acq: 11 Feb 2019 19:30

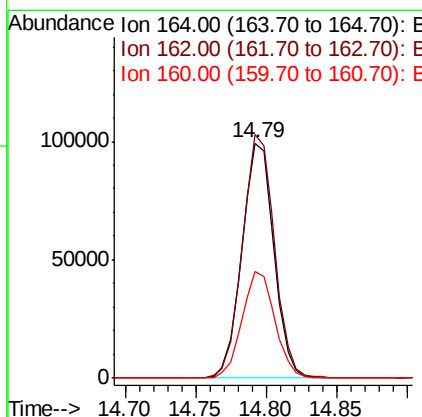
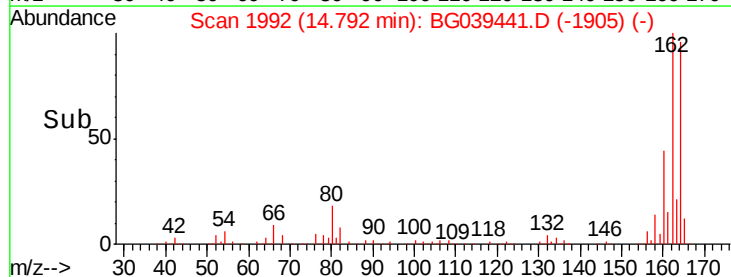
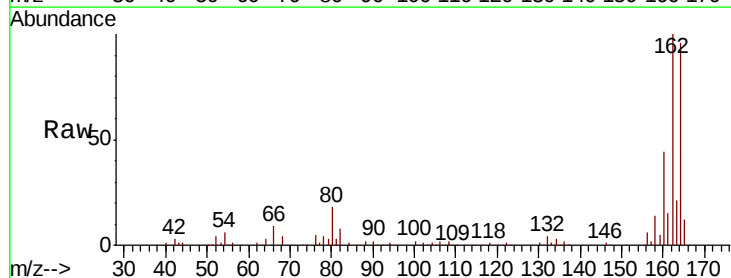
Instrument :
BNA_G
ClientSampleId :
SU-03-020819-A

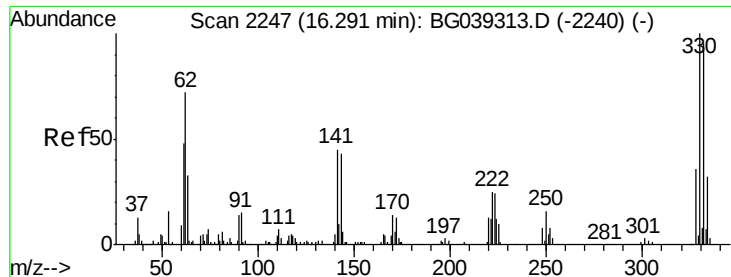
Tot Ion: 82 Resp: 369144
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 56.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039441.D
Acq: 11 Feb 2019 19:30

Tgt Ion:164 Resp: 156828
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 45.2 34.2 51.2

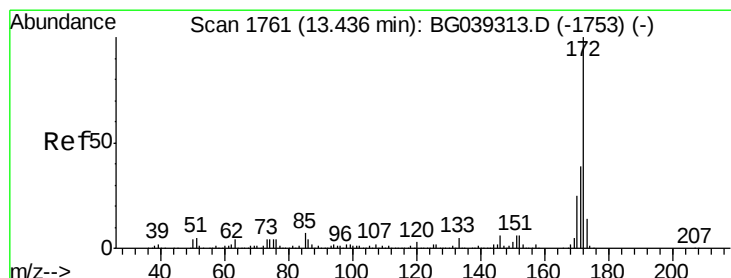
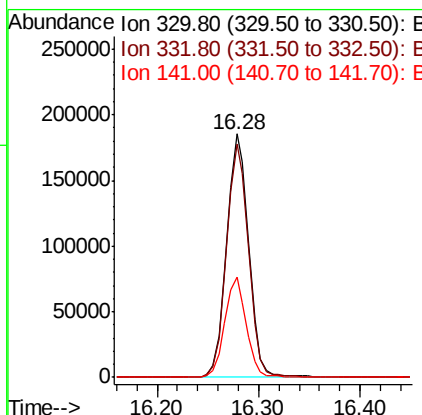
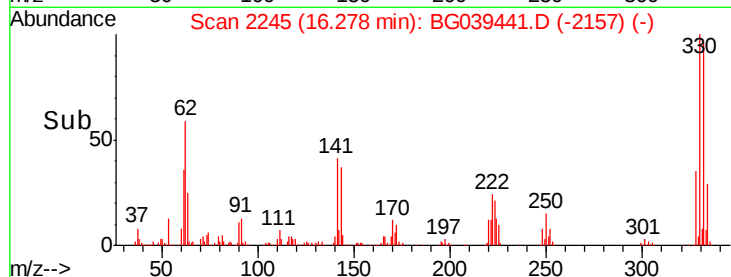
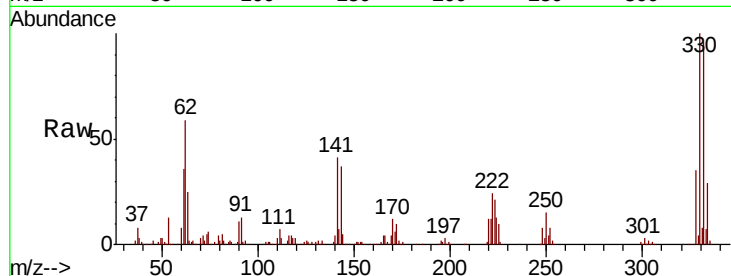




#42
 2,4,6-Tribromophenol
 Concen: 165.716 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039441.D
 Acq: 11 Feb 2019 19:30

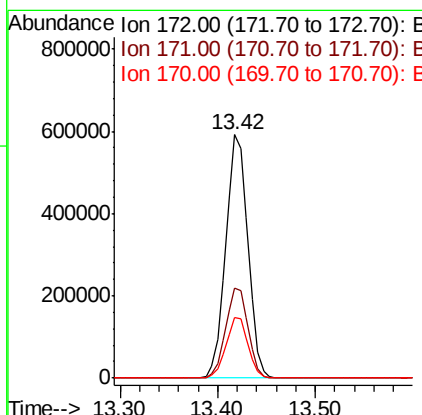
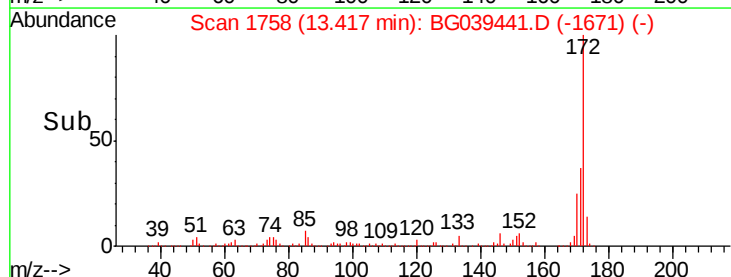
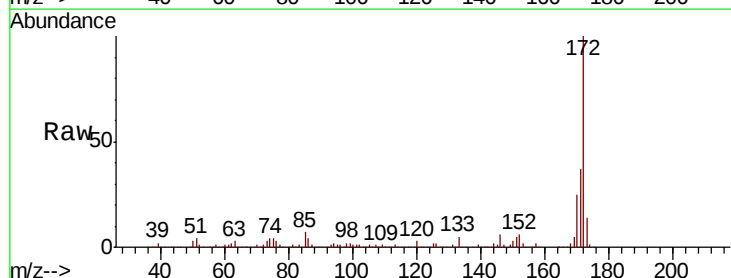
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-A

Tot Ion:330 Resp: 279856
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.7 113.5
 141 39.8 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 84.971 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039441.D
 Acq: 11 Feb 2019 19:30

Tgt Ion:172 Resp: 928922
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.1 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-A

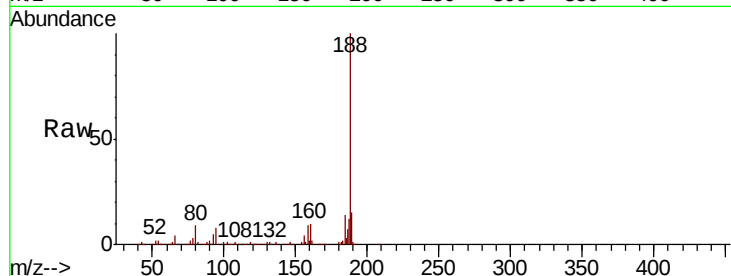
Tot Ion:188 Resp: 402671

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

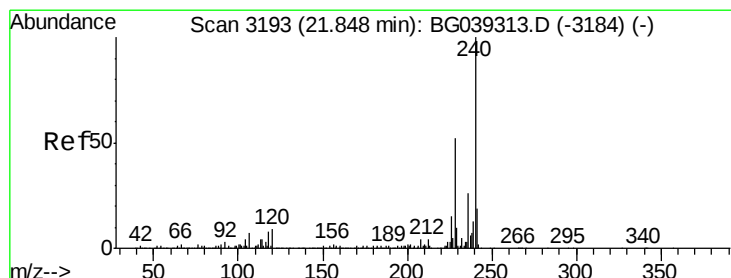
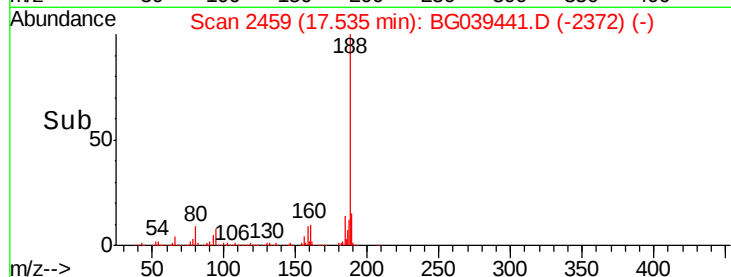
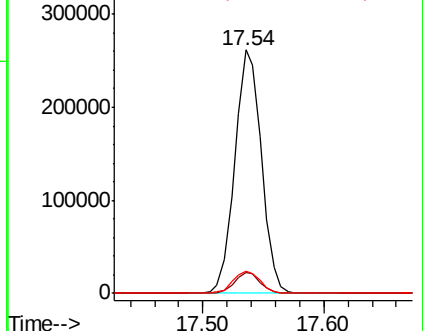
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

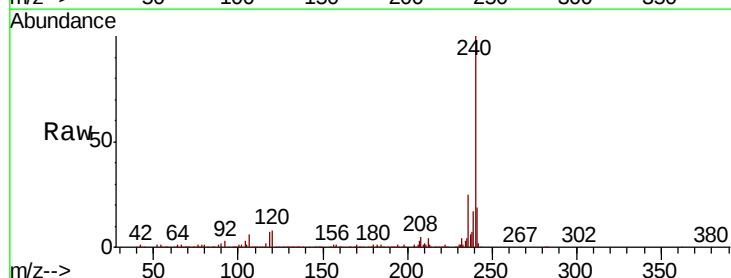
Tgt Ion:240 Resp: 419331

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

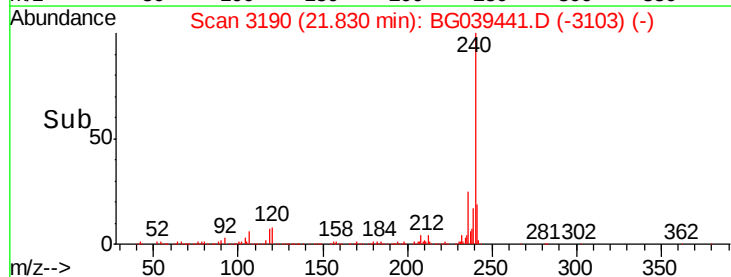
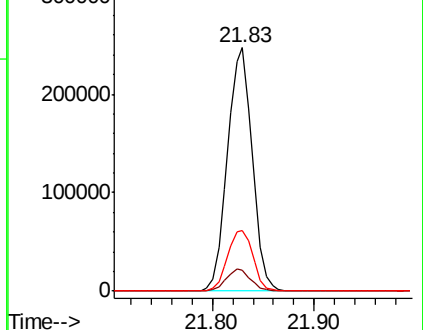
236 24.8 21.0 31.4



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: 80.906 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-A

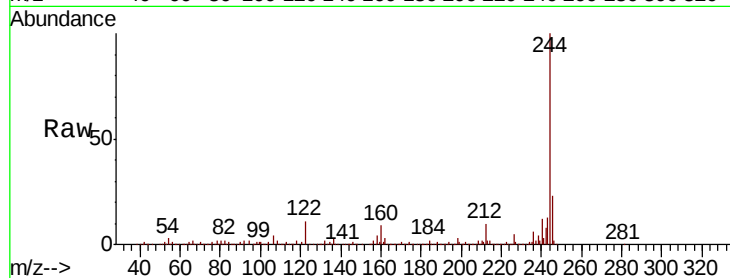
Tot Ion:244 Resp: 1602808

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

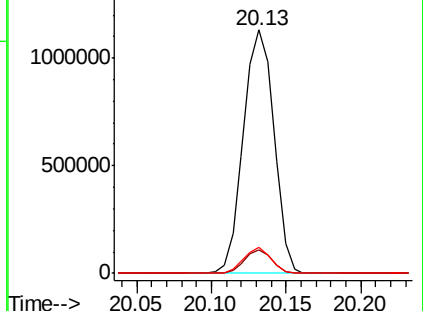
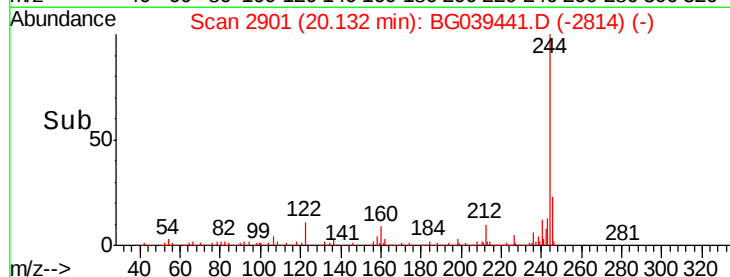
122 10.7 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039441.D

Acq: 11 Feb 2019 19:30

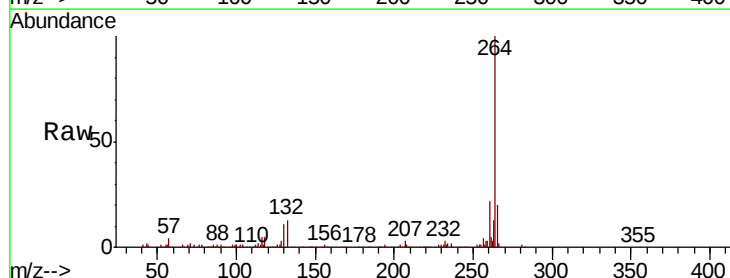
Tgt Ion:264 Resp: 421938

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 19.6 18.5 27.7



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

