

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039479.D
 Acq On : 13 Feb 2019 1:11
 Operator : JU/SJ
 Sample : K1345-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-021119

Quant Time: Feb 13 07:06:47 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	46562	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	206778	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	145743	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	361404	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	379622	20.00	ng	-0.01
87) Perylene-d12	25.22	264	375666	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	404099	148.54	ng	0.00
7) Phenol-d6	7.31	99	539366	134.69	ng	0.00
23) Nitrobenzene-d5	9.35	82	377240	113.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	252300	160.76	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	938607	92.39	ng	-0.01
79) Terphenyl-d14	20.14	244	1555967	86.76	ng	-0.01

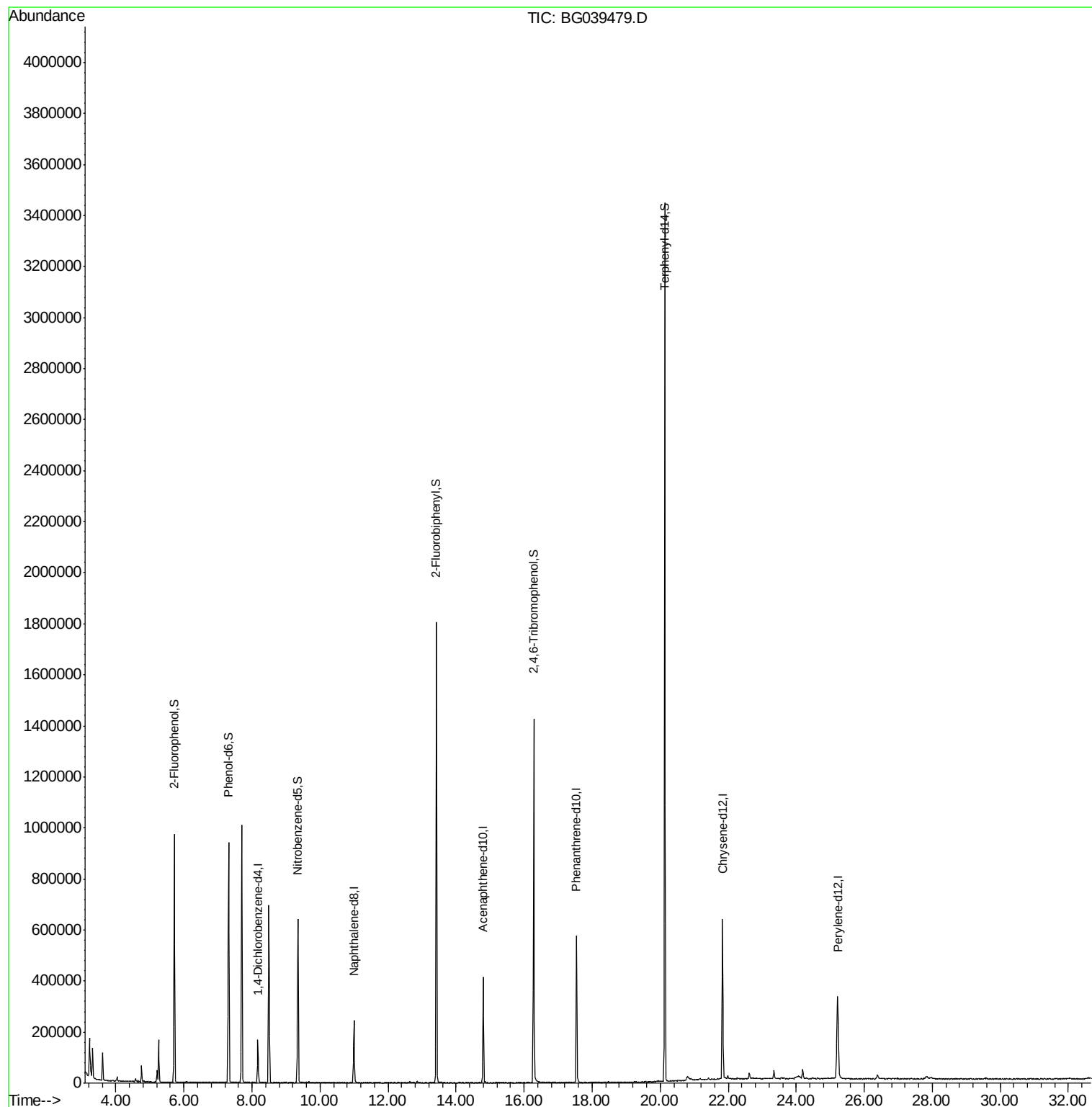
Target Compounds Qvalue

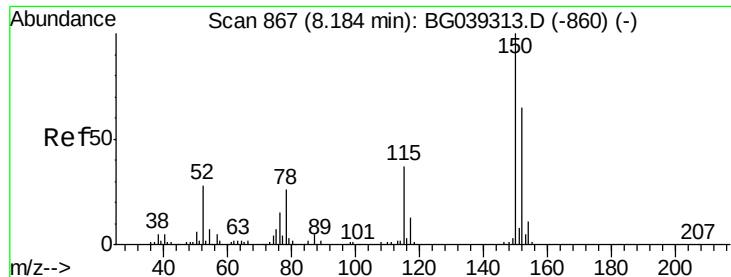
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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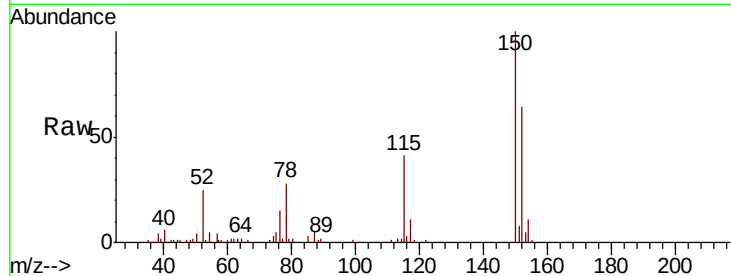


#1

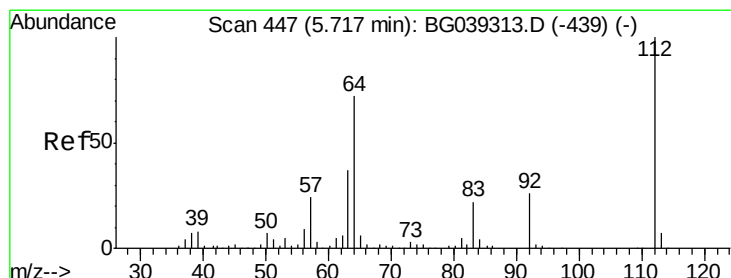
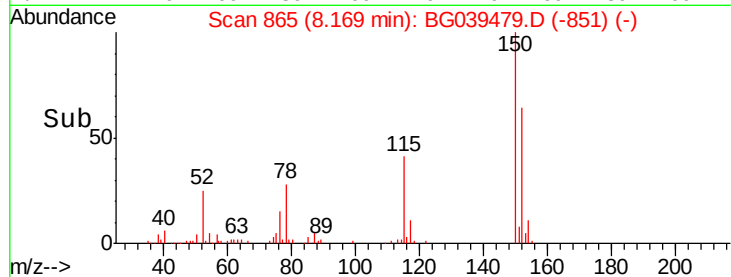
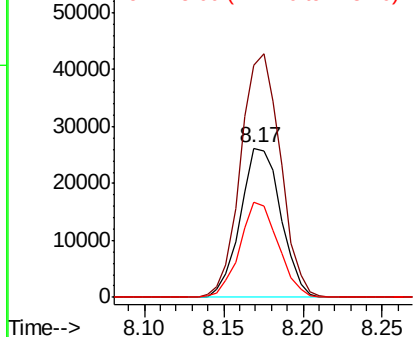
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039479.D
Acq: 13 Feb 2019 1:11

Instrument :
BNA_G
ClientSampleId :
HD-02-021119

Tot Ion:152 Resp: 46562
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 63.8 45.9 68.9



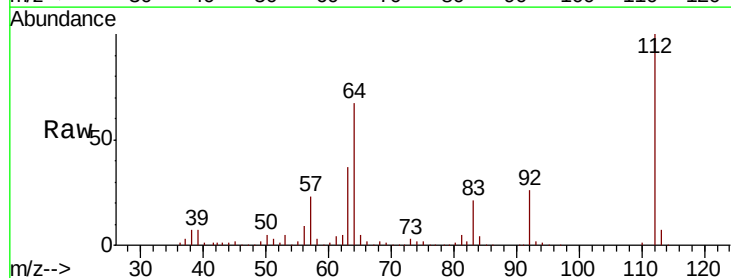
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



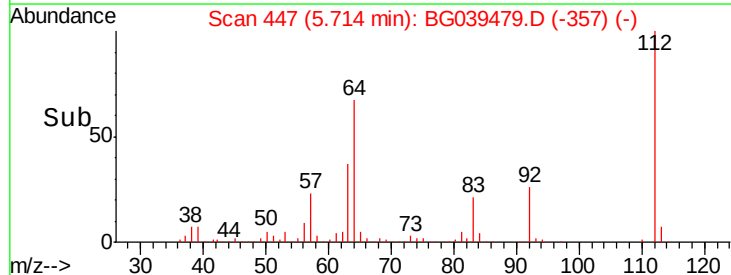
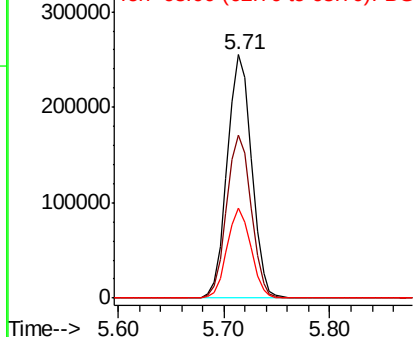
#5

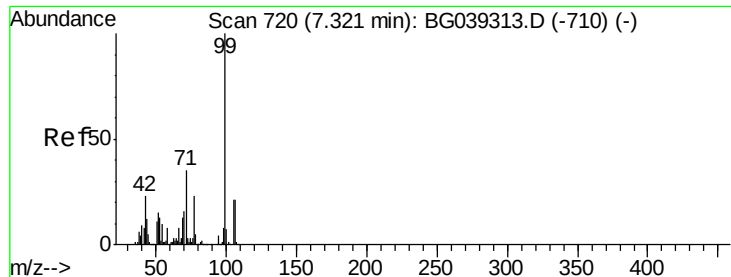
2-Fluorophenol
Concen: 148.537 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039479.D
Acq: 13 Feb 2019 1:11

Tgt Ion:112 Resp: 404099
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.8
63 36.9 29.8 44.6



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





#7

Phenol-d6

Concen: 134.689 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Instrument :

BNA_G

ClientSampleId :

HD-02-021119

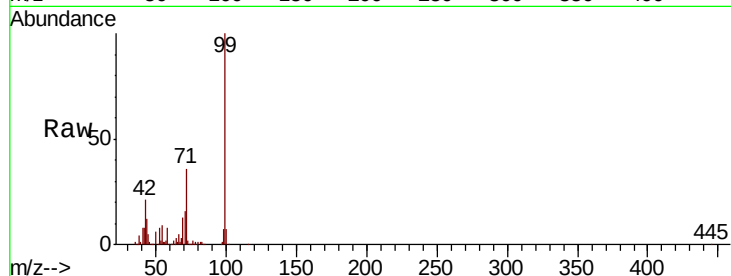
Tot Ion: 99 Resp: 539366

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 35.7 28.0 42.0

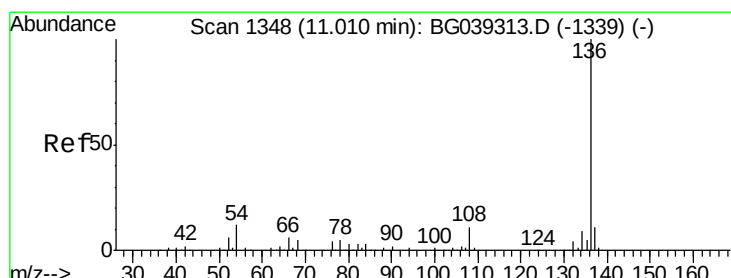
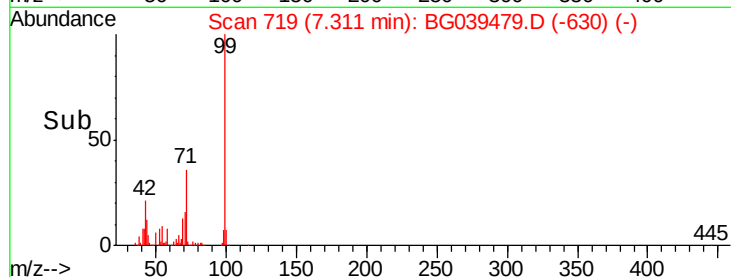
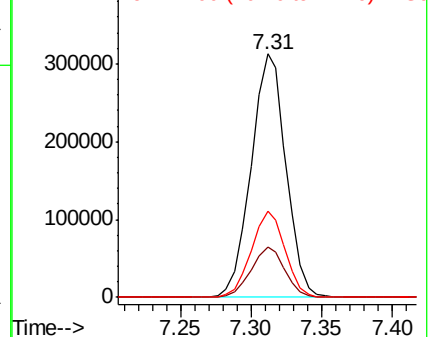


Abundance

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# 1346

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Tgt Ion: 136 Resp: 206778

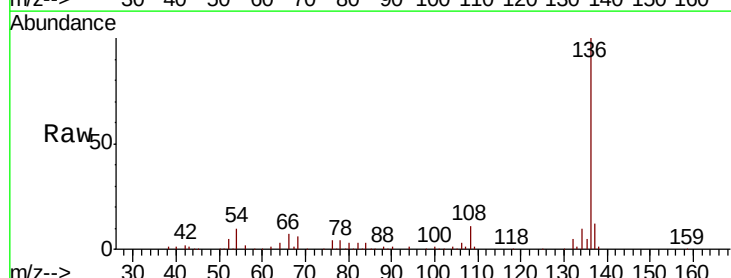
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 10.2 9.4 14.2

68 6.3 4.2 6.4



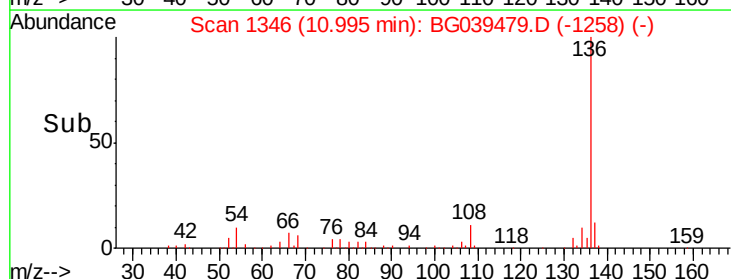
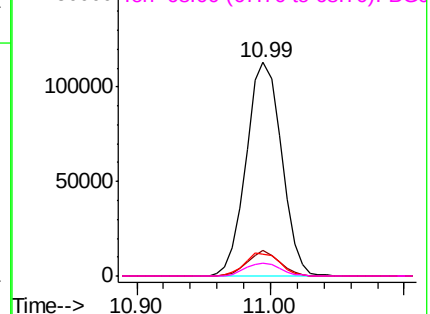
Abundance

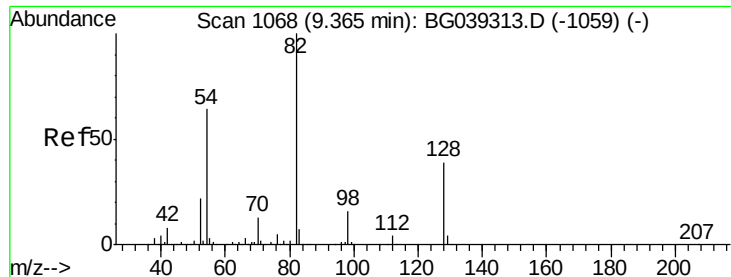
Ion 136.00 (135.70 to 136.70): BGC

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: 113.971 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Instrument :

BNA_G

ClientSampleId :

HD-02-021119

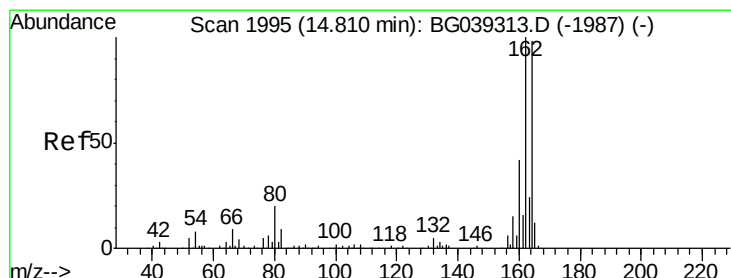
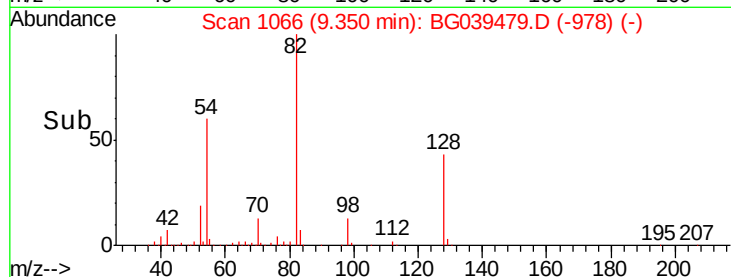
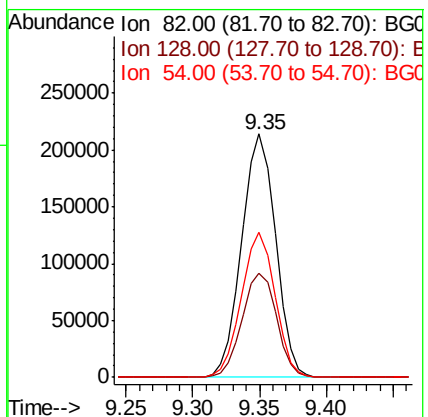
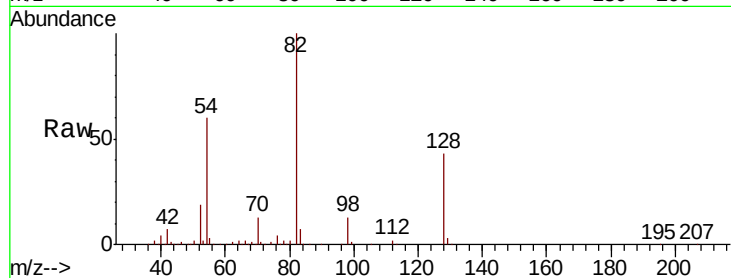
Tot Ion: 82 Resp: 377240

Ion Ratio Lower Upper

82 100

128 42.6 31.3 46.9

54 59.7 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

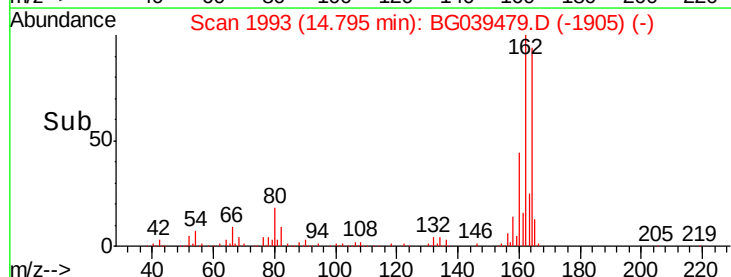
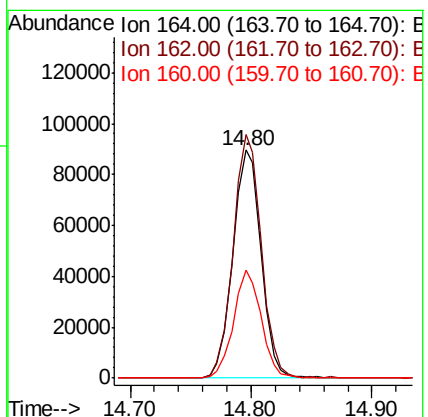
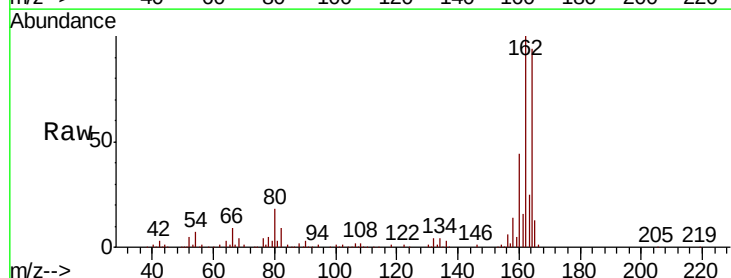
Tgt Ion:164 Resp: 145743

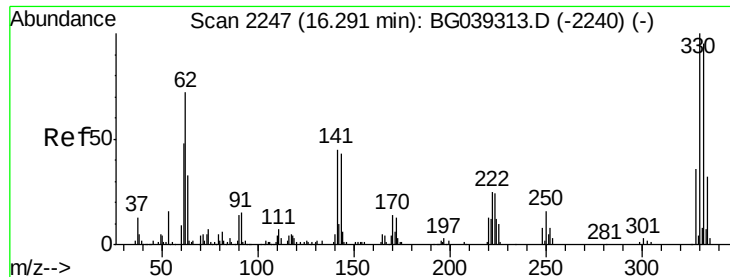
Ion Ratio Lower Upper

164 100

162 106.7 81.6 122.4

160 47.1 34.2 51.2

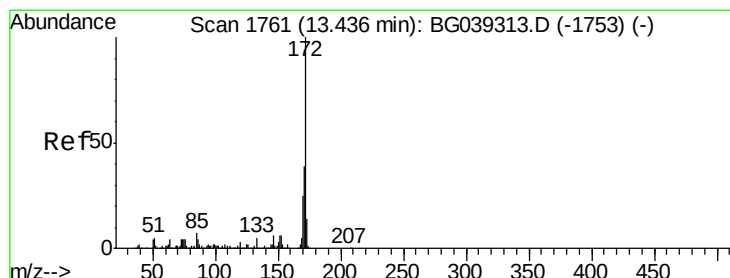
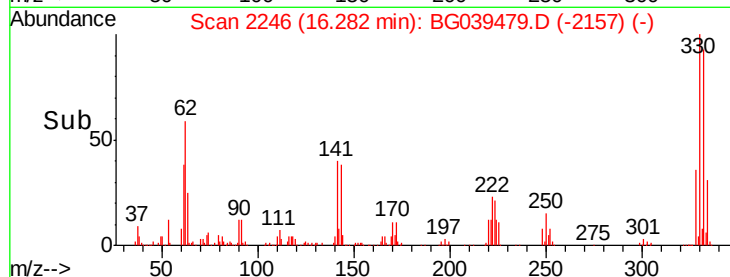
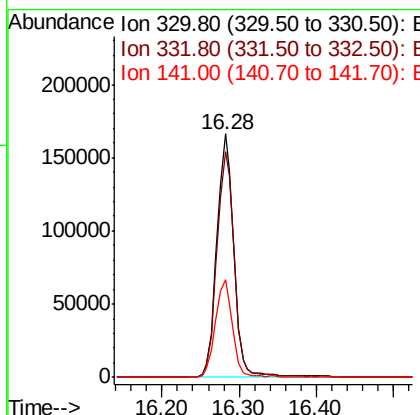
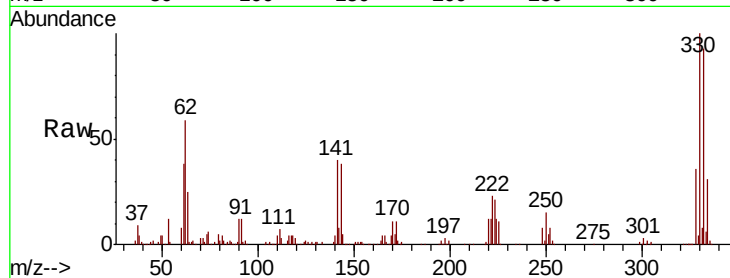




#42
 2,4,6-Tribromophenol
 Concen: 160.762 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039479.D
 Acq: 13 Feb 2019 1:11

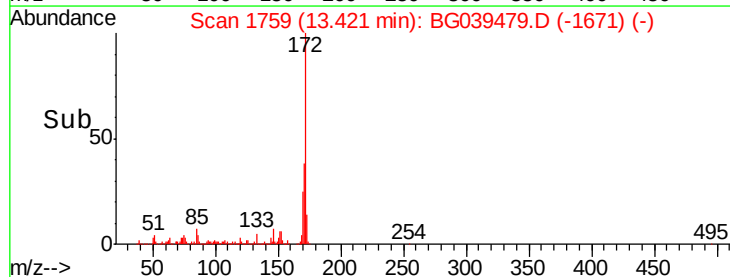
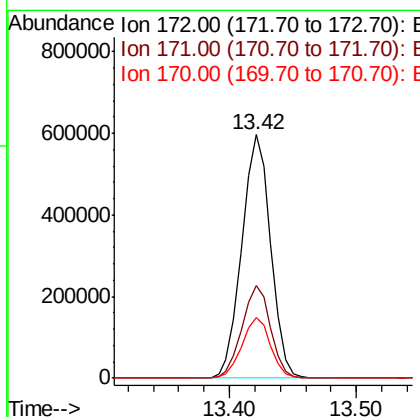
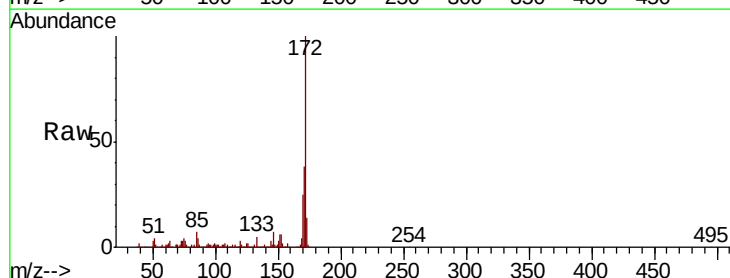
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-021119

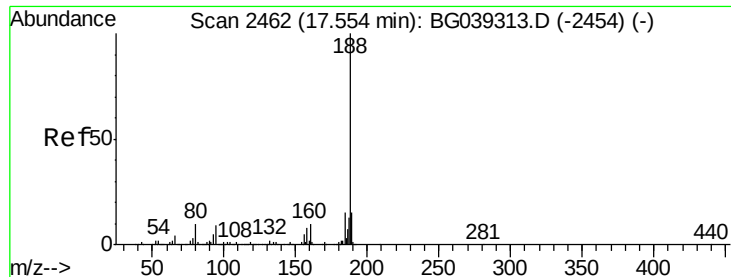
Tot Ion:330 Resp: 252300
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 39.9 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 92.387 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039479.D
 Acq: 13 Feb 2019 1:11

Tgt Ion:172 Resp: 938607
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.0 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Instrument :

BNA_G

ClientSampleId :

HD-02-021119

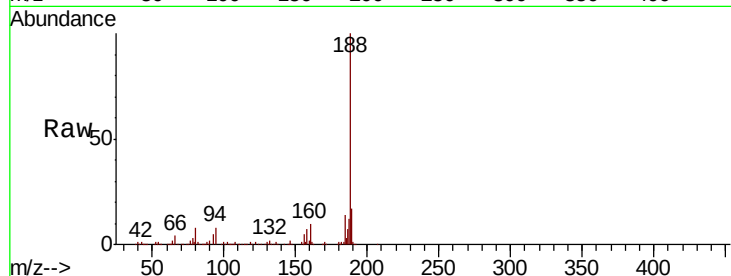
Tot Ion:188 Resp: 361404

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

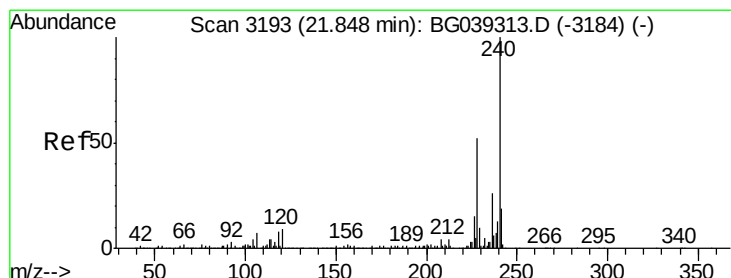
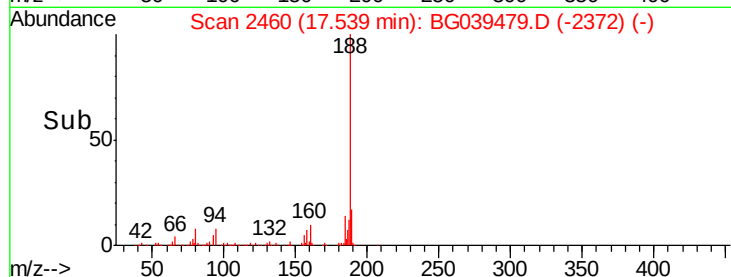
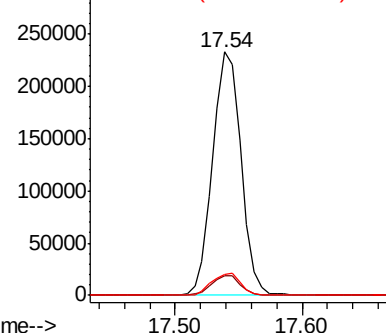
80 8.5 8.1 12.1



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# 3191

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

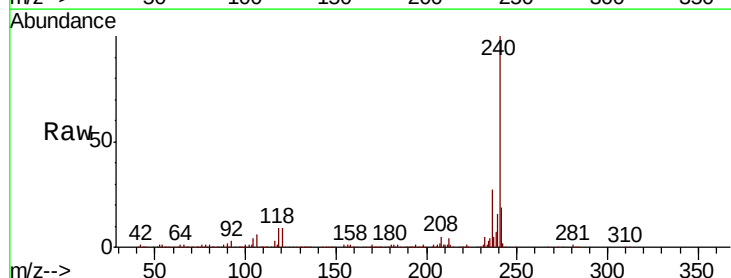
Tgt Ion:240 Resp: 379622

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

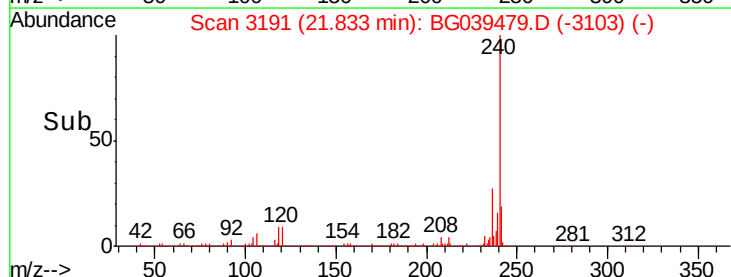
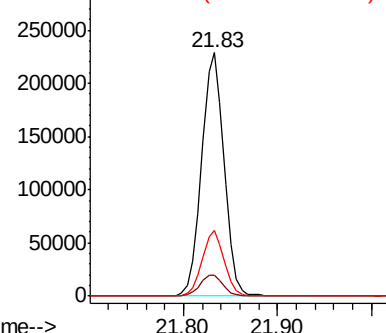
236 26.9 21.0 31.4

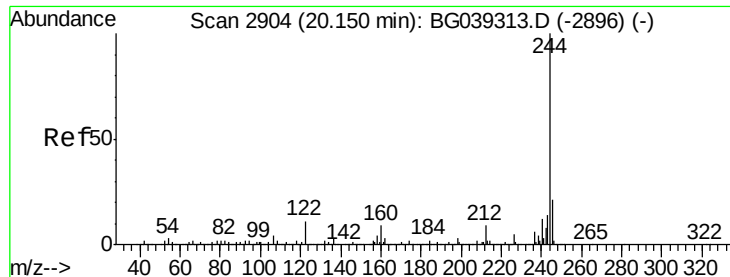


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.757 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Instrument :

BNA_G

ClientSampleId :

HD-02-021119

Tot Ion:244 Resp: 1555967

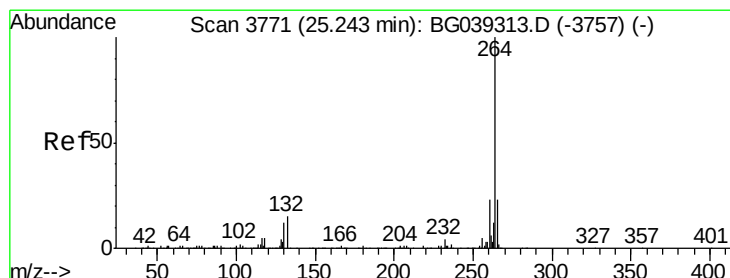
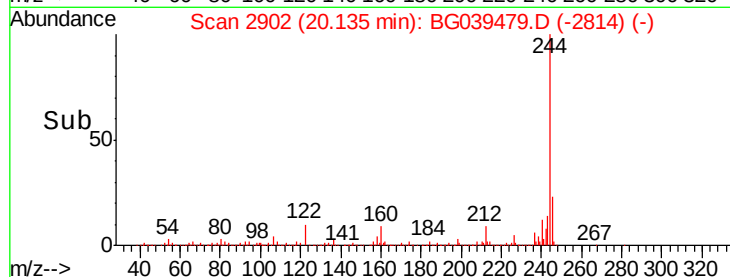
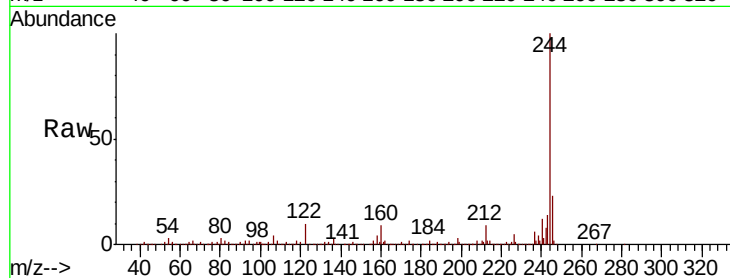
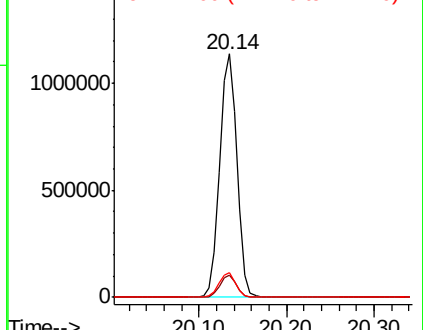
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.0	8.4	12.6

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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039479.D

Acq: 13 Feb 2019 1:11

Tgt Ion:264 Resp: 375666

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.2	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

