

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039533.D
 Acq On : 15 Feb 2019 22:41
 Operator : JU/SJ
 Sample : K1346-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Quant Time: Feb 16 03:34:45 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	49633	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	227509	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	158979	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	376799	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	393933	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377100	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	395116	136.25	ng	0.00
7) Phenol-d6	7.32	99	542664	127.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	385181	105.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	182048	106.34	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	950870	85.80	ng	-0.02
79) Terphenyl-d14	20.13	244	1527534	82.08	ng	-0.02

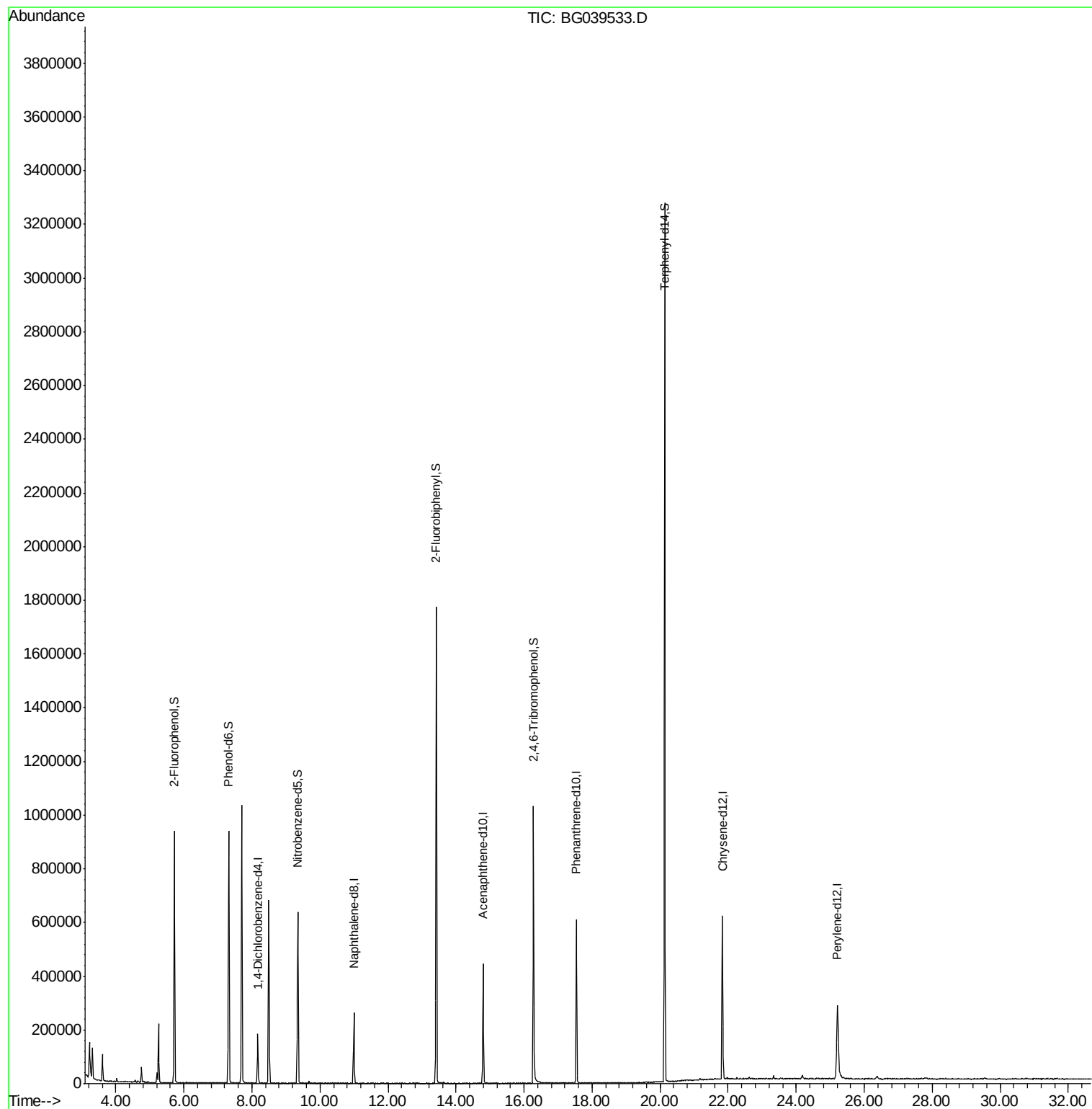
Target Compounds Qvalue

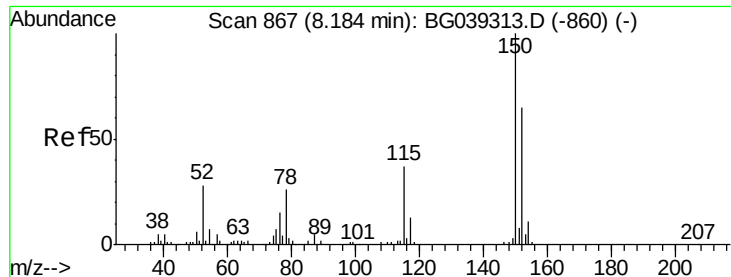
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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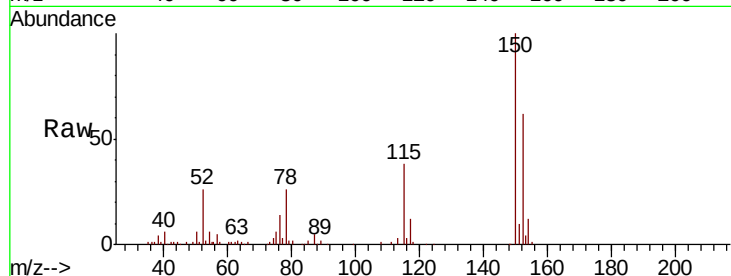


#1

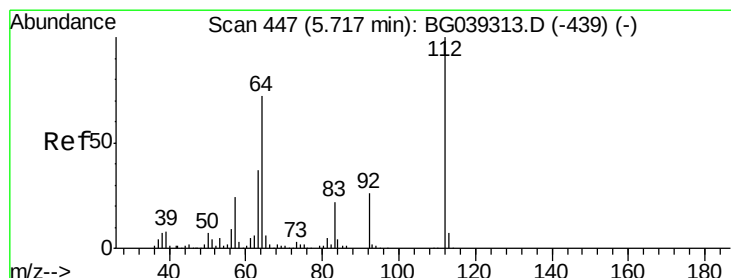
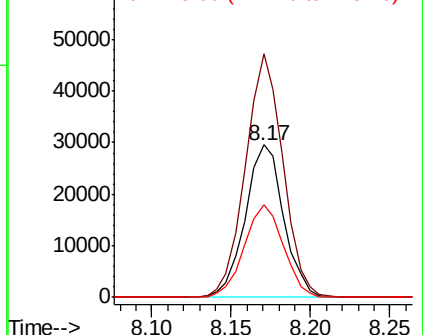
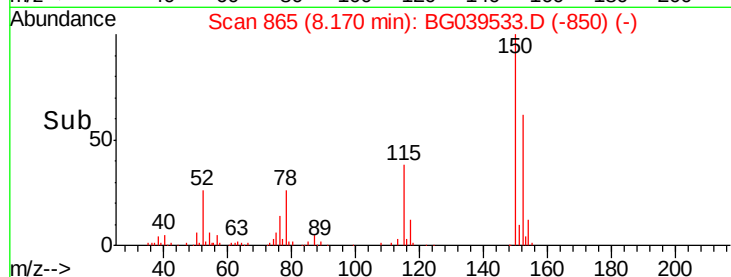
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-D

Tot Ion:152 Resp: 49633
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 60.8 45.9 68.9



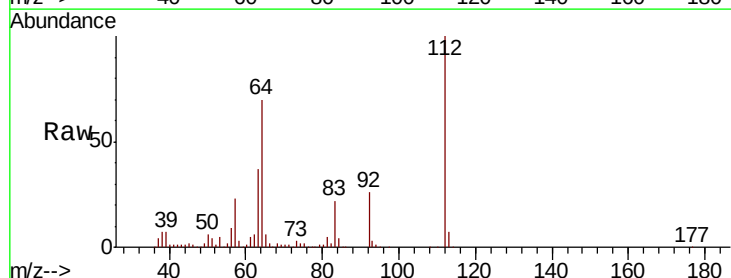
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



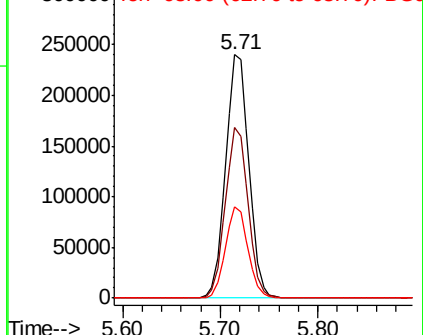
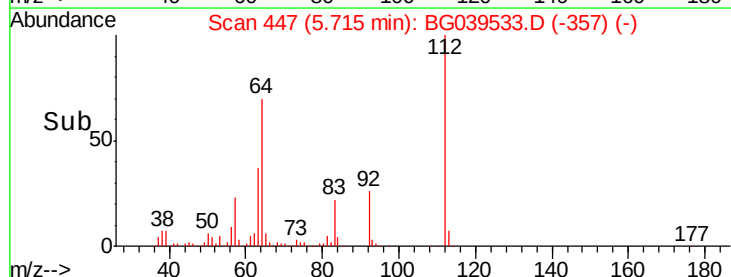
#5

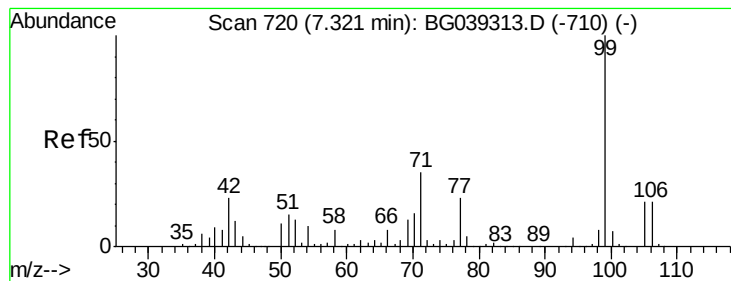
2-Fluorophenol
Concen: 136.249 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Tgt Ion:112 Resp: 395116
Ion Ratio Lower Upper
112 100
64 70.2 57.8 86.8
63 37.3 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: 127.128 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

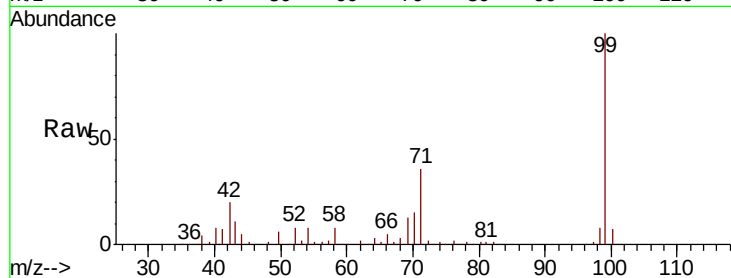
Tot Ion: 99 Resp: 542664

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 36.3 28.0 42.0

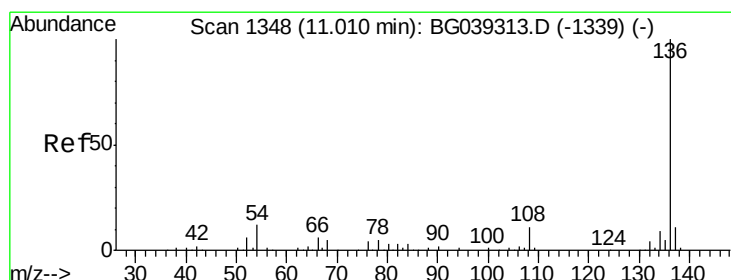
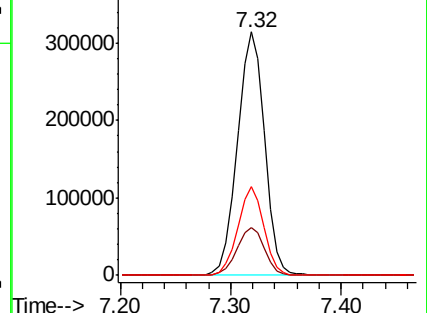
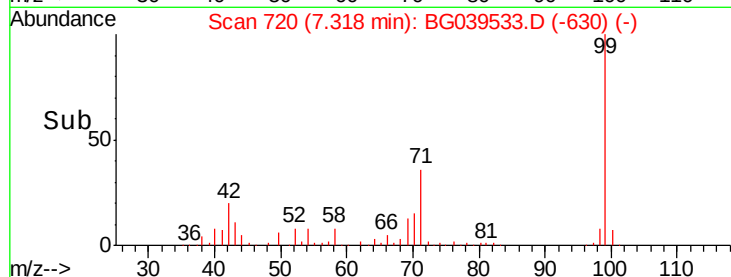


Abundance

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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Tgt Ion: 136 Resp: 227509

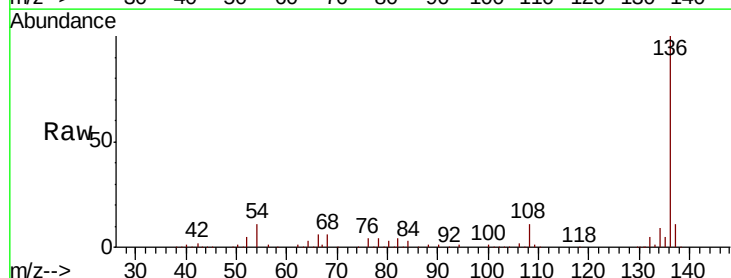
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 11.0 9.4 14.2

68 6.0 4.2 6.4



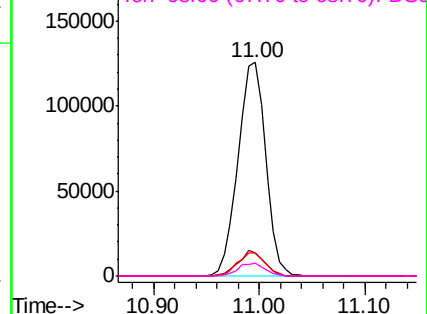
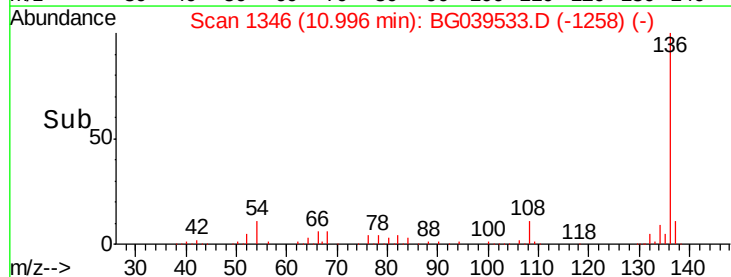
Abundance

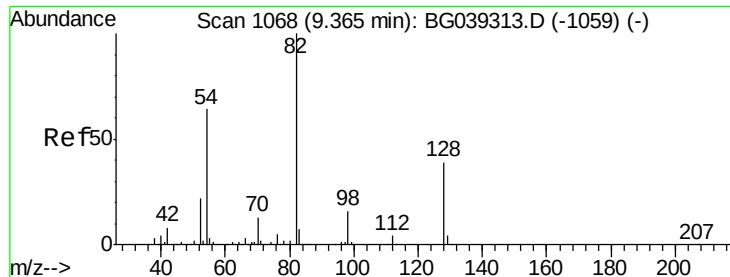
Ion 136.00 (135.70 to 136.70): BGC

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

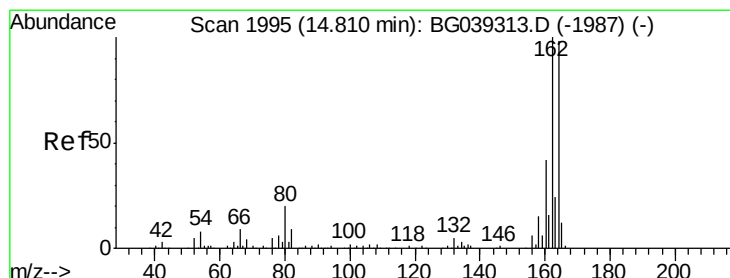
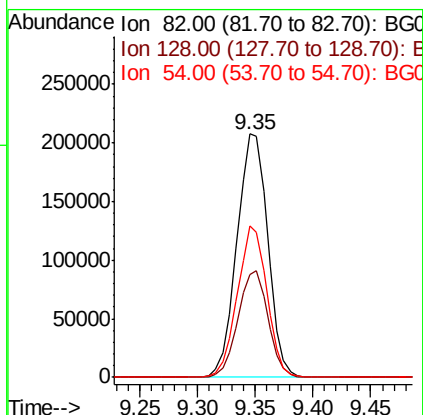
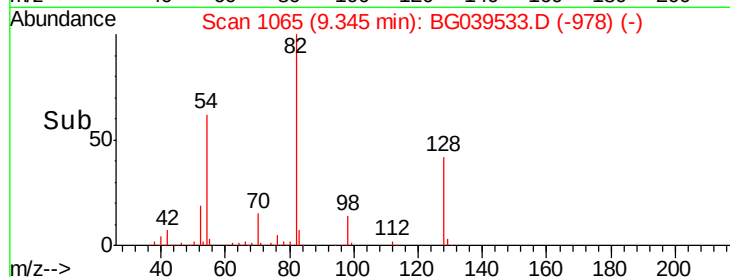
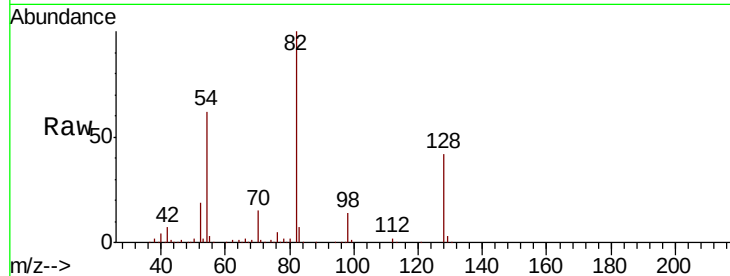




#23
 Nitrobenzene-d5
 Concen: 105.767 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

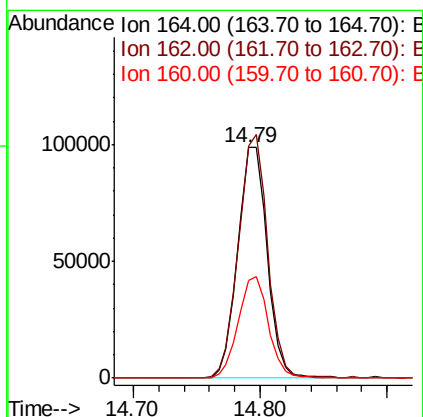
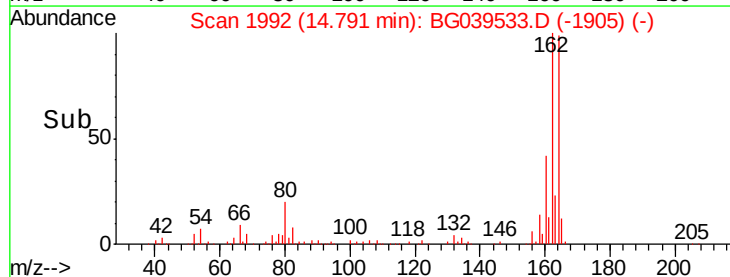
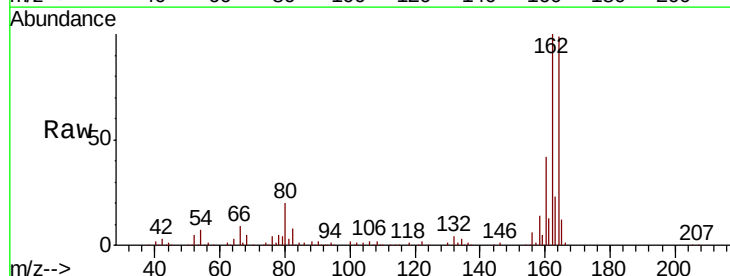
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

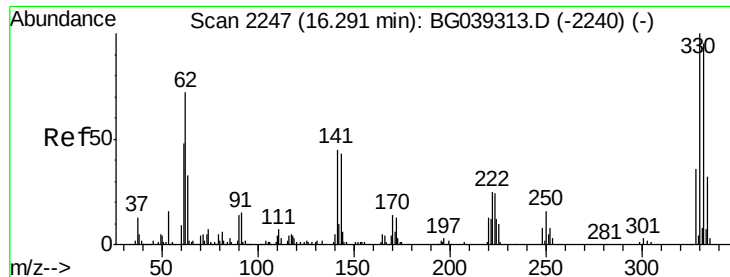
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	62.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.6	122.4
160	42.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 106.341 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

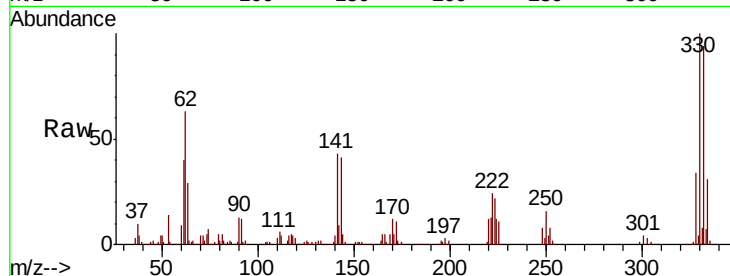
Tot Ion:330 Resp: 182048

Ion Ratio Lower Upper

330 100

332 98.3 75.7 113.5

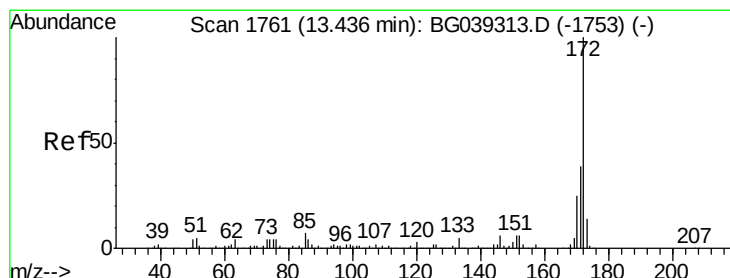
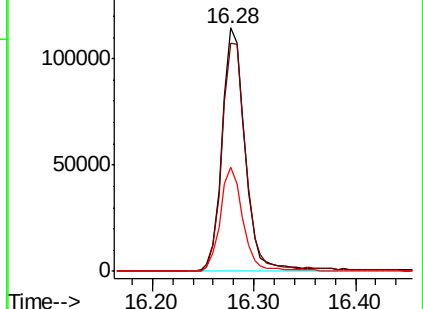
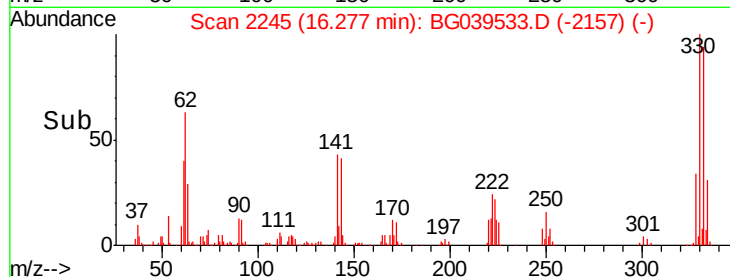
141 42.2 35.6 53.4



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: 85.802 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

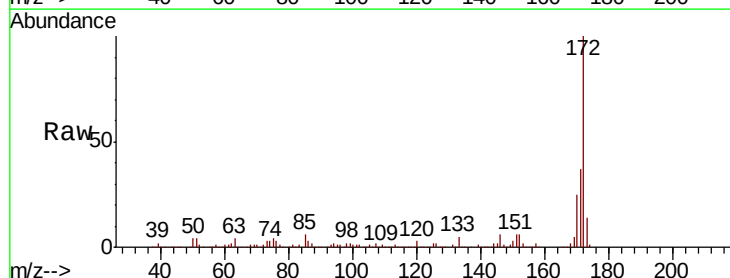
Tgt Ion:172 Resp: 950870

Ion Ratio Lower Upper

172 100

171 37.1 30.8 46.2

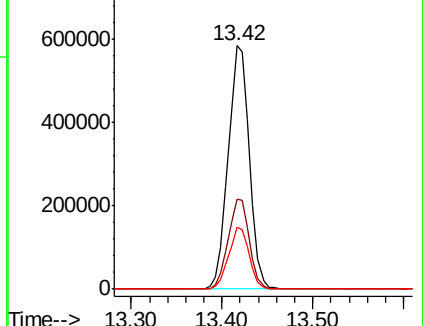
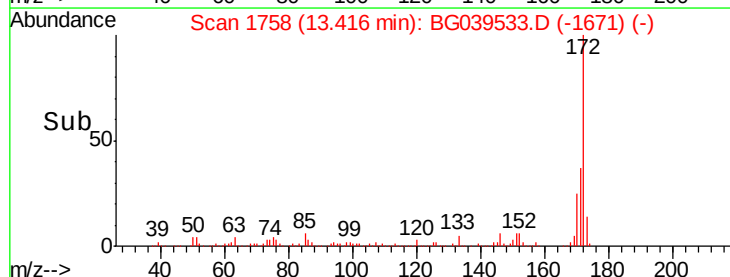
170 25.2 20.2 30.4

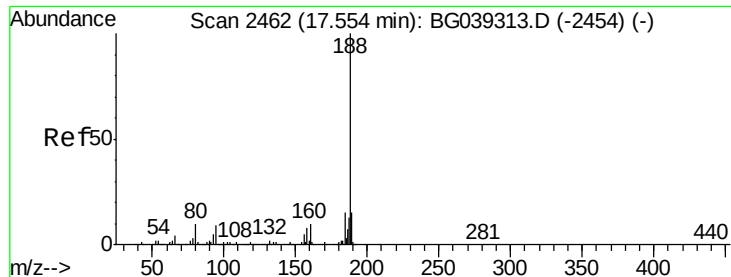


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

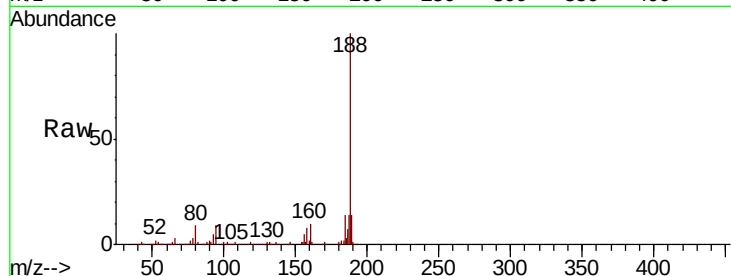
Tot Ion:188 Resp: 376799

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.2 8.1 12.1

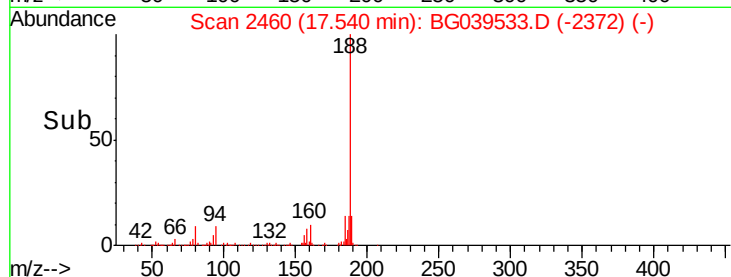


Abundance Ion 188.00 (187.70 to 188.70): E

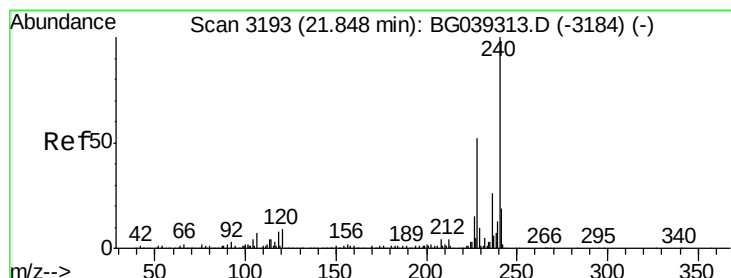
Ion 94.00 (93.70 to 94.70): BG039533.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BG039533.D (-2372) (-)

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

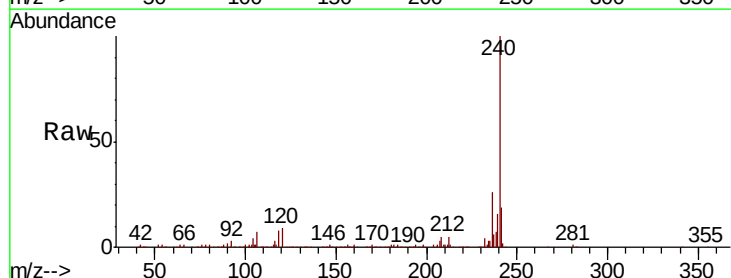
Tgt Ion:240 Resp: 393933

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

236 25.8 21.0 31.4

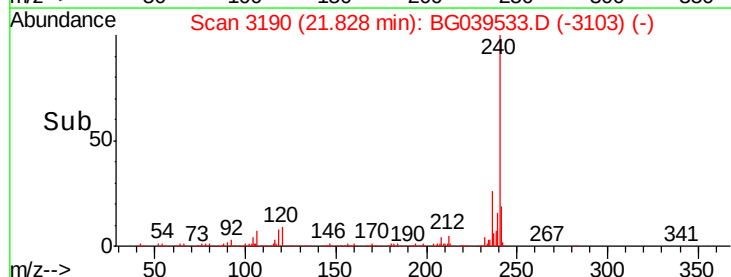


Abundance Ion 240.00 (239.70 to 240.70): E

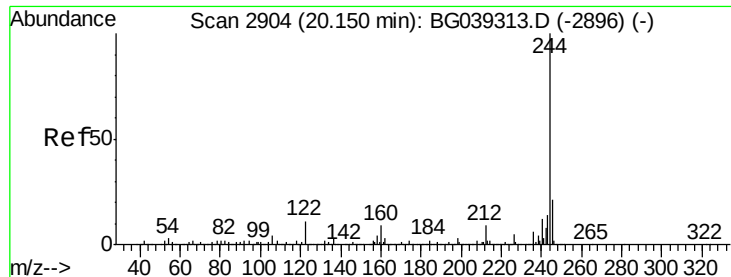
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



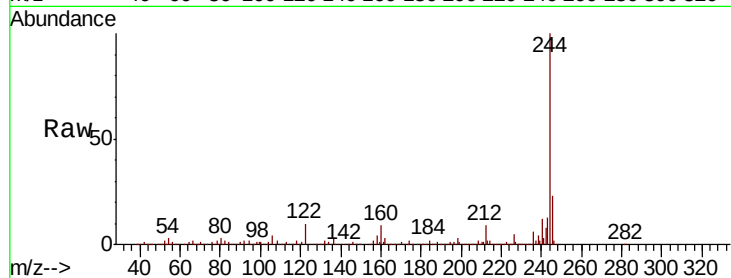
Time-->



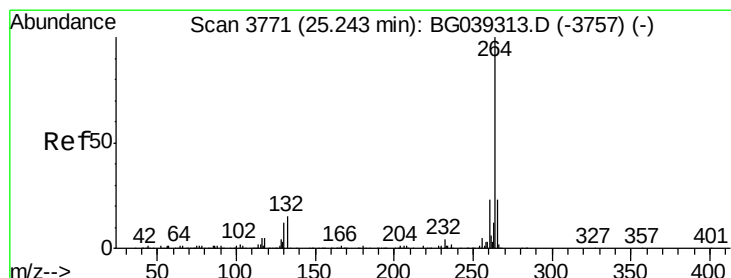
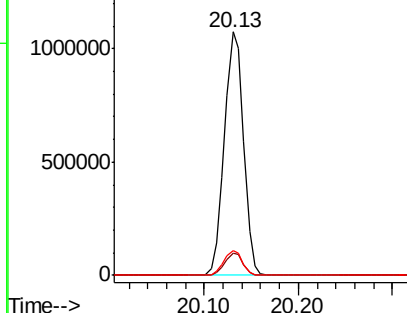
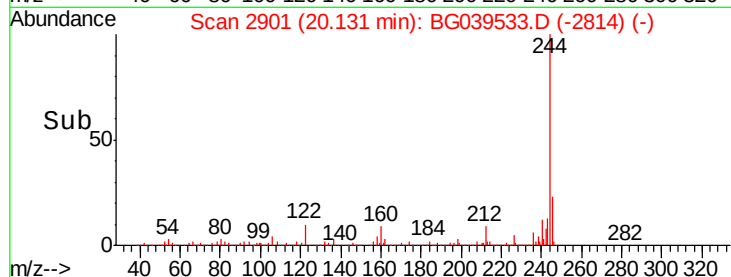
#79
 Terphenyl-d14
 Concen: 82.078 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Tot Ion:244 Resp: 1527534
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 10.4 8.4 12.6

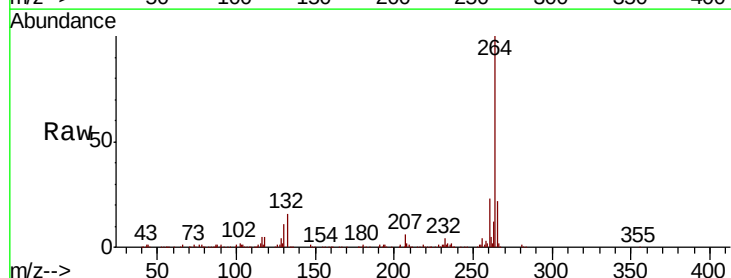


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Tgt Ion:264 Resp: 377100
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 22.1 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

