

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039437.D
 Acq On : 11 Feb 2019 16:54
 Operator : JU/SJ
 Sample : K1424-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS2-RB200035

Quant Time: Feb 12 03:10:35 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

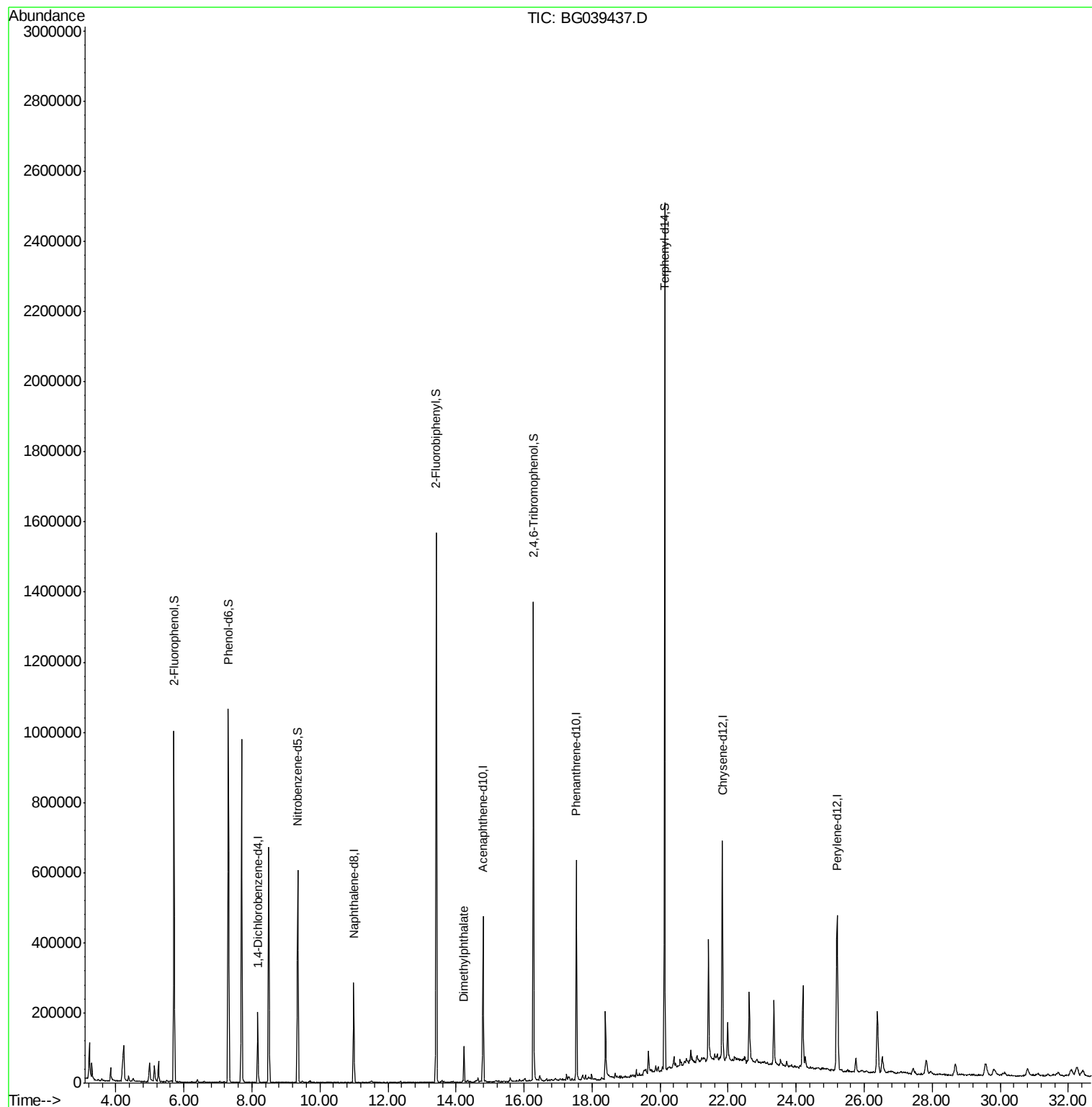
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53003	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	244182	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	166295	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	399486	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	382014	20.00	ng	-0.02
87) Perylene-d12	25.21	264	397588	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	413124	133.40	ng	0.00
7) Phenol-d6	7.31	99	612249	134.31	ng	-0.01
23) Nitrobenzene-d5	9.35	82	350549	89.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	237643	132.71	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	824032	71.09	ng	-0.02
79) Terphenyl-d14	20.13	244	1120621	62.09	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.23	163	66621	4.960	ng	98

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

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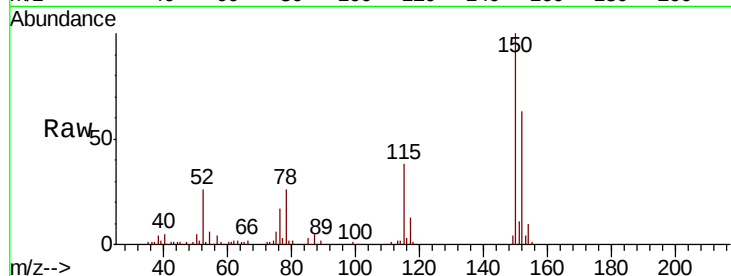


#1

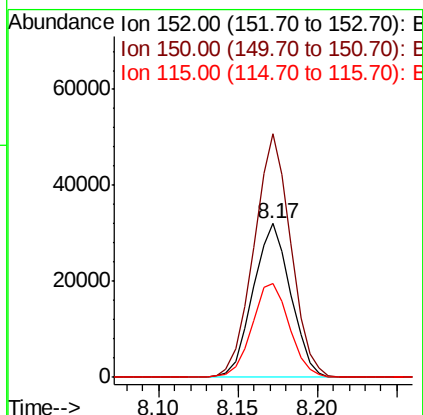
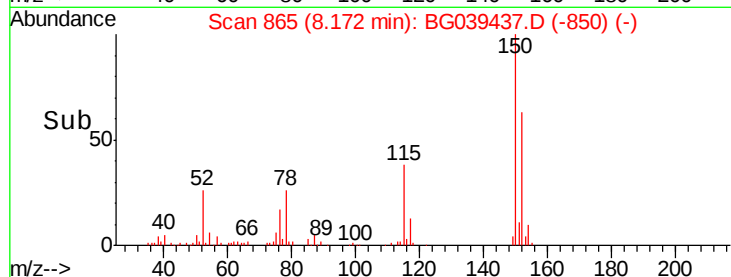
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039437.D
Acq: 11 Feb 2019 16:54

Instrument :
BNA_G
ClientSampleId :
SS2-RB200035

Tot Ion:152 Resp: 53003
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 60.6 45.9 68.9



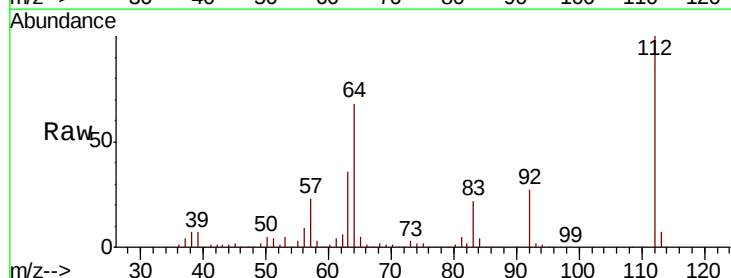
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



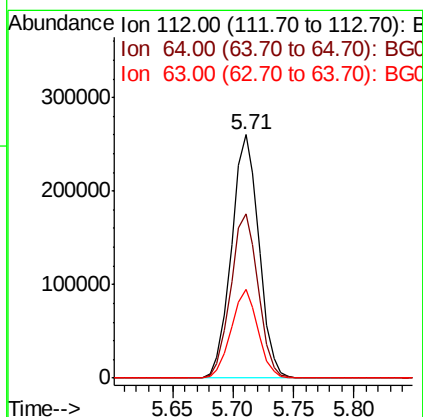
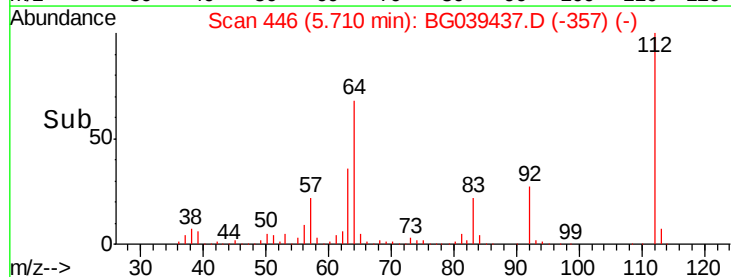
#5

2-Fluorophenol
Concen: 133.401 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039437.D
Acq: 11 Feb 2019 16:54

Tgt Ion:112 Resp: 413124
Ion Ratio Lower Upper
112 100
64 67.6 57.8 86.8
63 36.4 29.8 44.6



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: 134.310 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039437.D

Acq: 11 Feb 2019 16:54

Instrument :

BNA_G

ClientSampleId :

SS2-RB200035

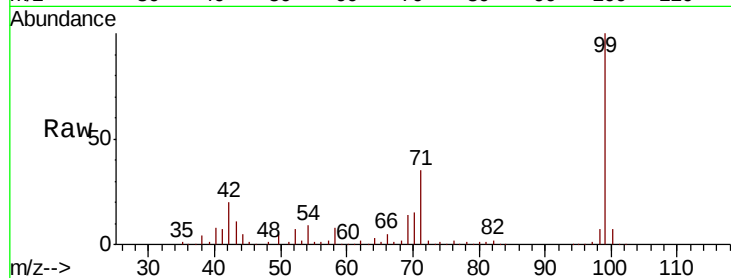
Tot Ion: 99 Resp: 612249

Ion Ratio Lower Upper

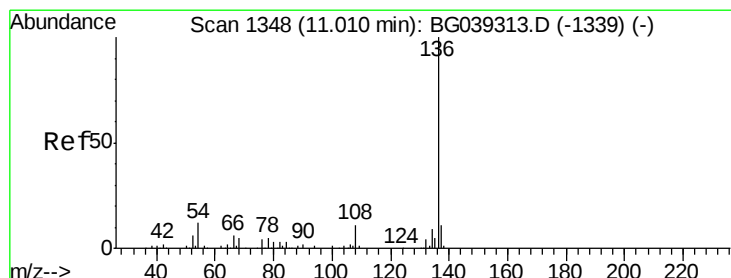
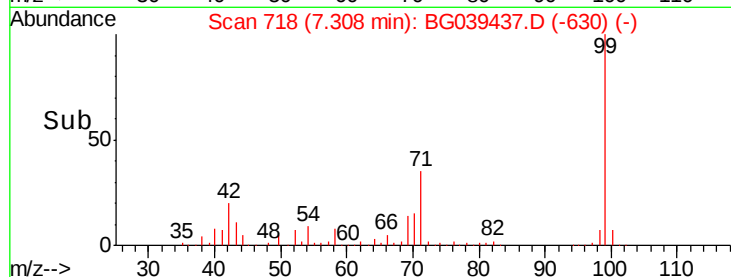
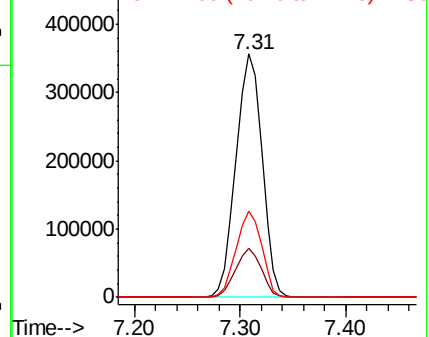
99 100

42 19.9 18.2 27.2

71 35.2 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: BG039437.D

Acq: 11 Feb 2019 16:54

Tgt Ion: 136 Resp: 244182

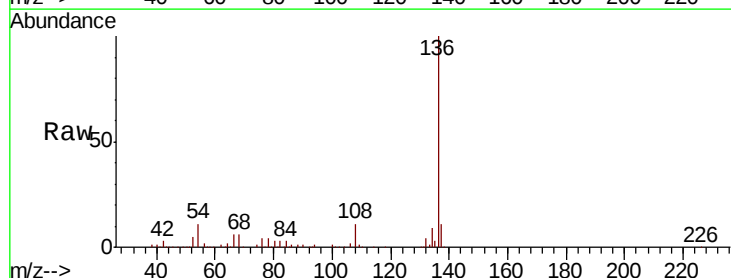
Ion Ratio Lower Upper

136 100

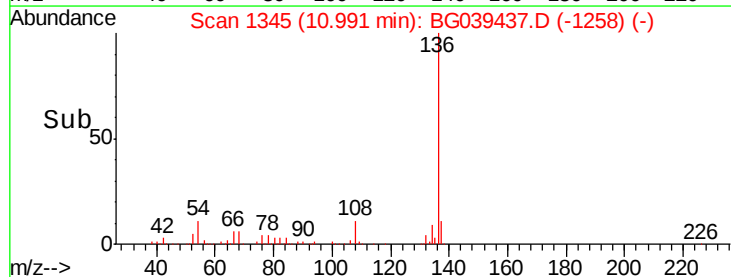
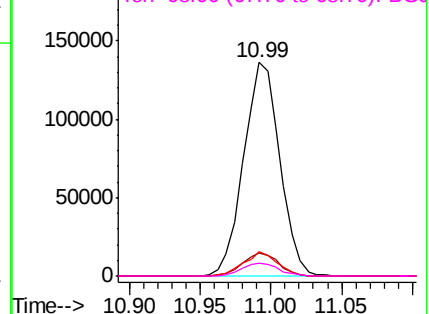
137 10.7 9.1 13.7

54 11.4 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

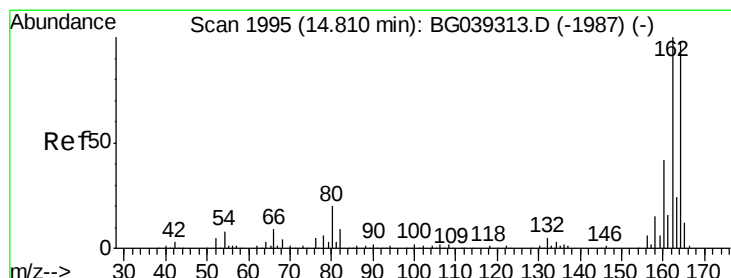
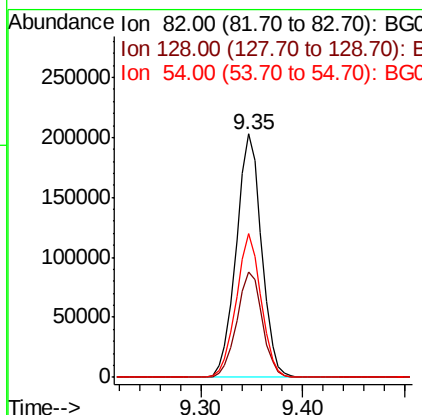
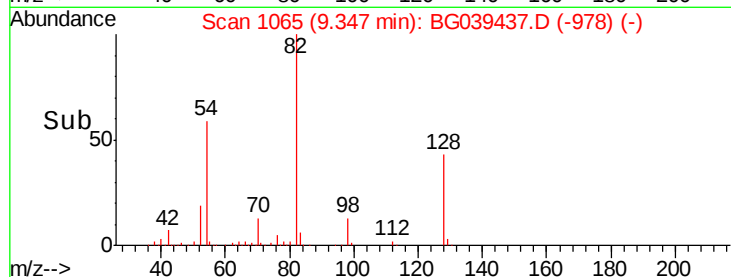
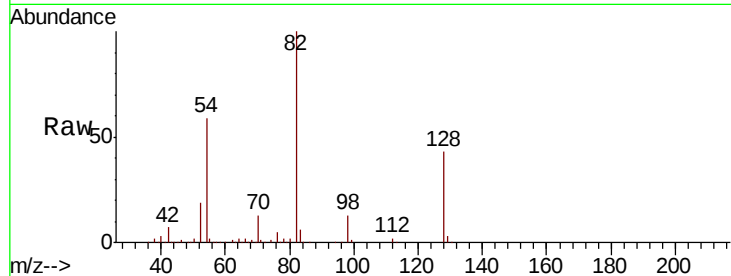




#23
Nitrobenzene-d5
Concen: 89.685 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039437.D
Acq: 11 Feb 2019 16:54

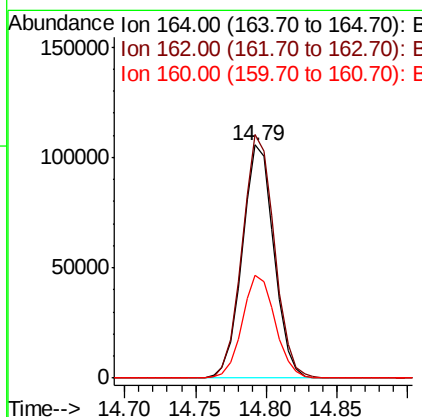
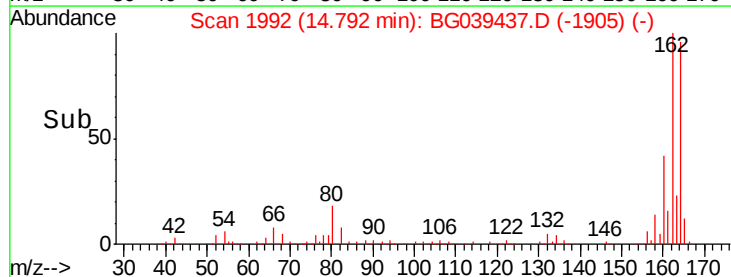
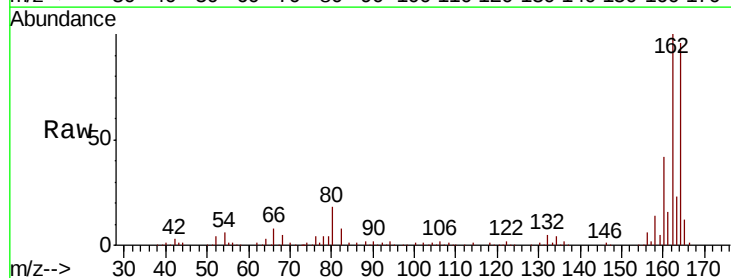
Instrument :
BNA_G
ClientSampleId :
SS2-RB200035

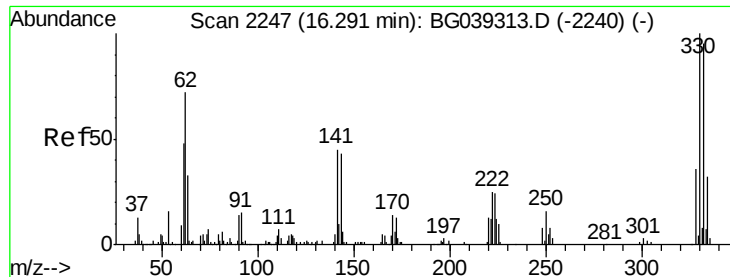
Tot Ion: 82 Resp: 350549
Ion Ratio Lower Upper
82 100
128 43.2 31.3 46.9
54 58.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039437.D
Acq: 11 Feb 2019 16:54

Tgt Ion: 164 Resp: 166295
Ion Ratio Lower Upper
164 100
162 104.5 81.6 122.4
160 44.1 34.2 51.2

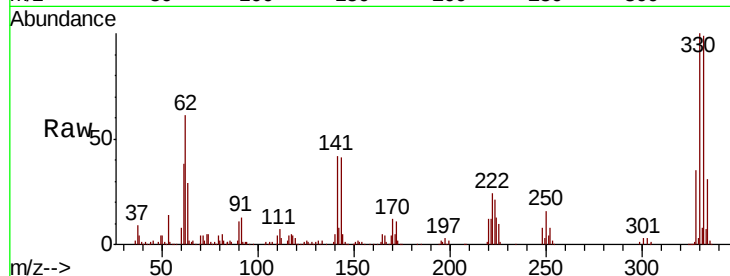




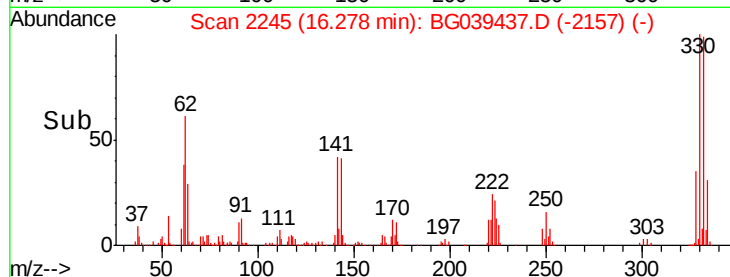
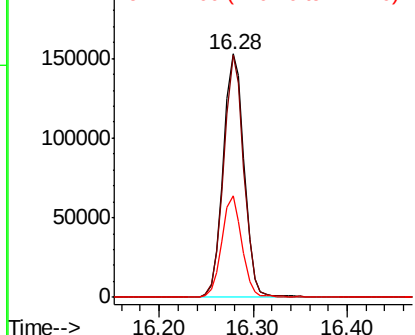
#42
 2,4,6-Tribromophenol
 Concen: 132.709 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039437.D
 Acq: 11 Feb 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 SS2-RB200035

Tot Ion:330 Resp: 237643
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 40.0 35.6 53.4

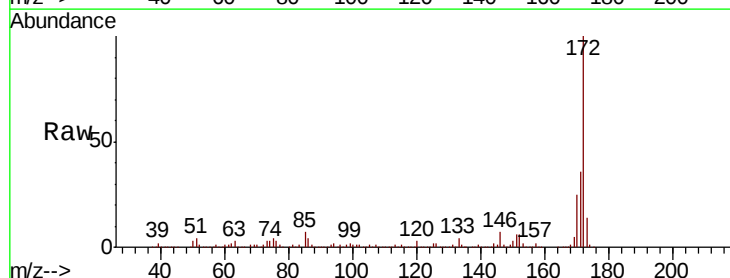


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

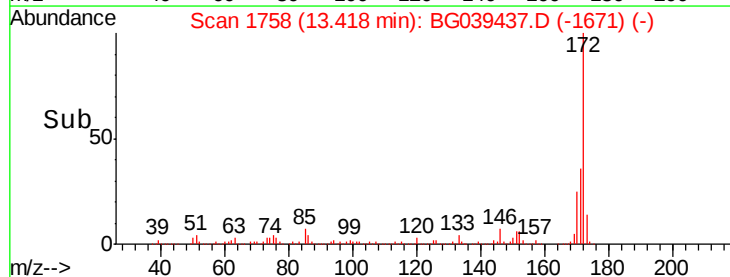
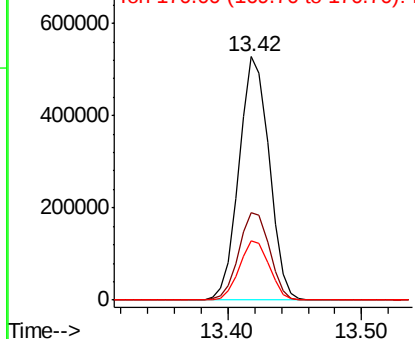


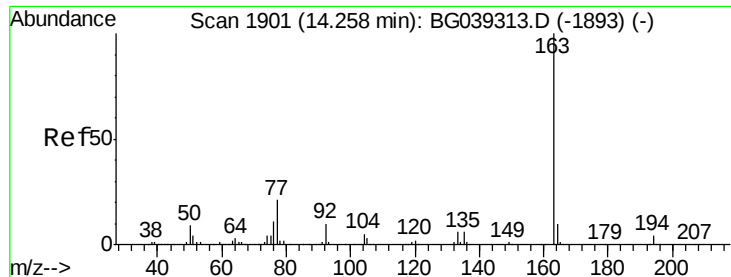
#45
 2-Fluorobiphenyl
 Concen: 71.085 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039437.D
 Acq: 11 Feb 2019 16:54

Tgt Ion:172 Resp: 824032
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.5 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





#50

Dimethylphthalate

Concen: 4.960 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BG039437.D

Acq: 11 Feb 2019 16:54

Instrument :

BNA_G

ClientSampleId :

SS2-RB200035

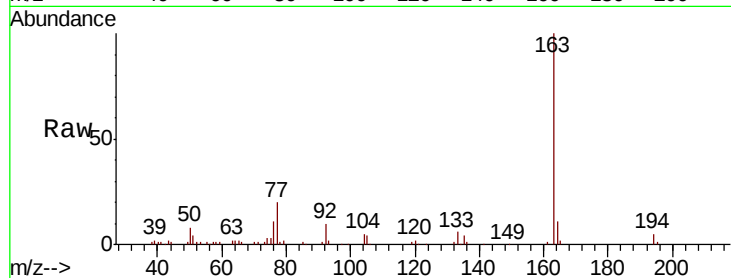
Tot Ion:163 Resp: 66621

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

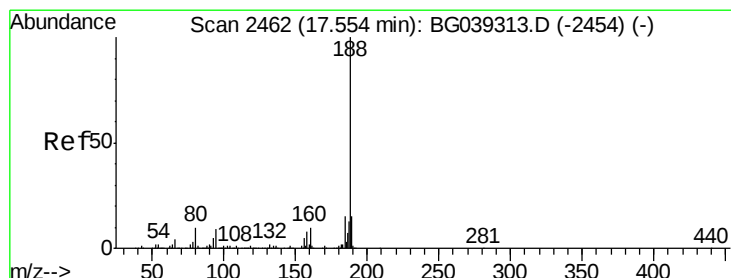
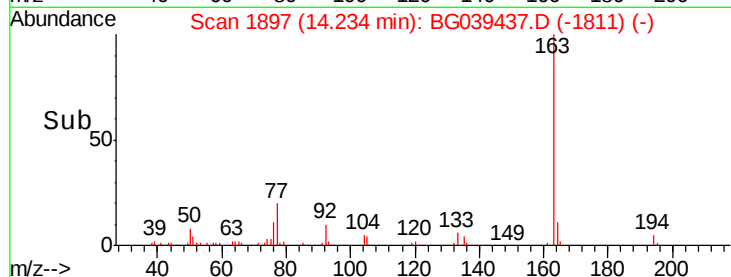
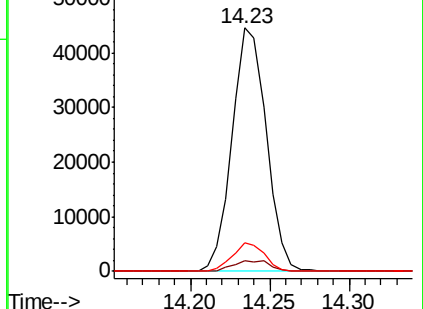
164 11.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039437.D

Acq: 11 Feb 2019 16:54

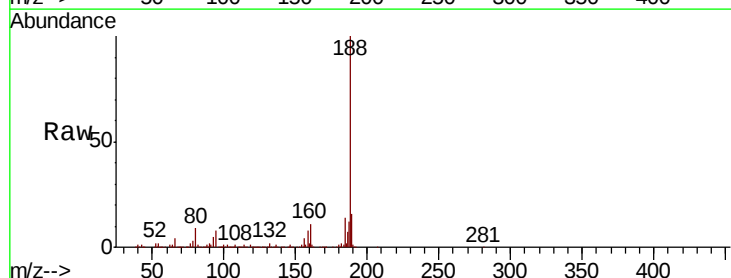
Tgt Ion:188 Resp: 399486

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

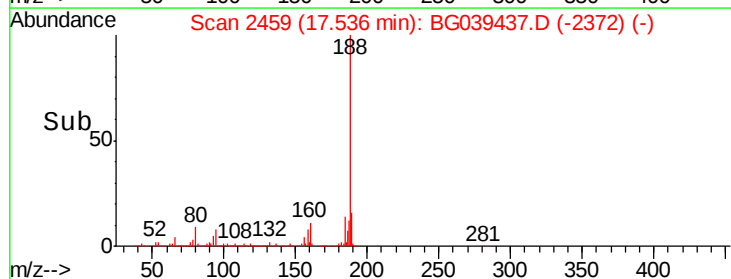
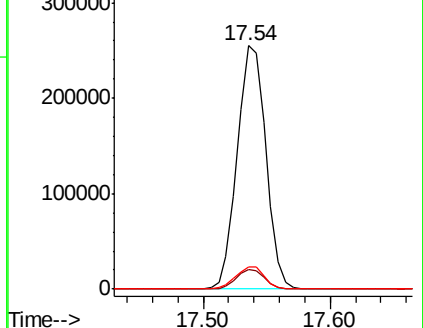
80 9.1 8.1 12.1

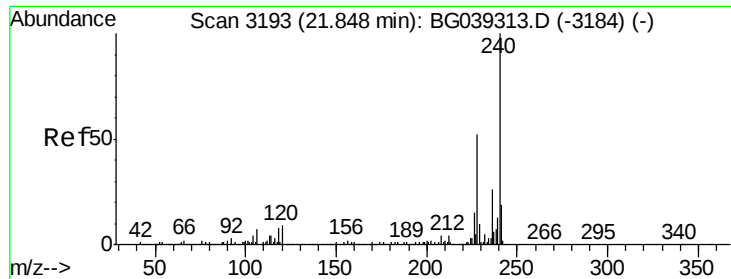


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

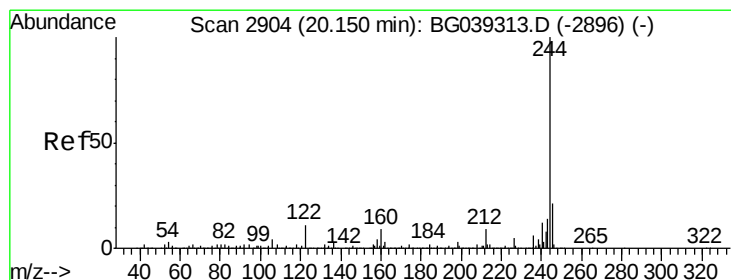
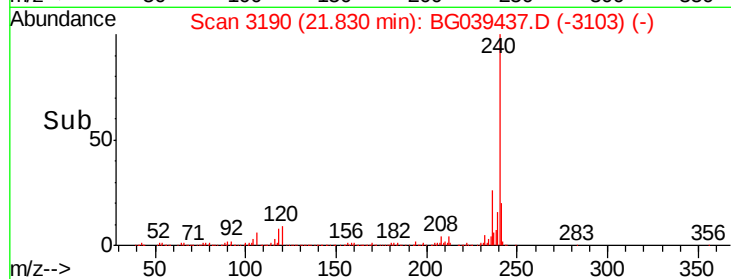
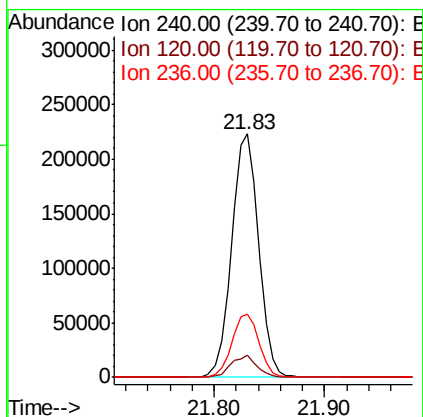
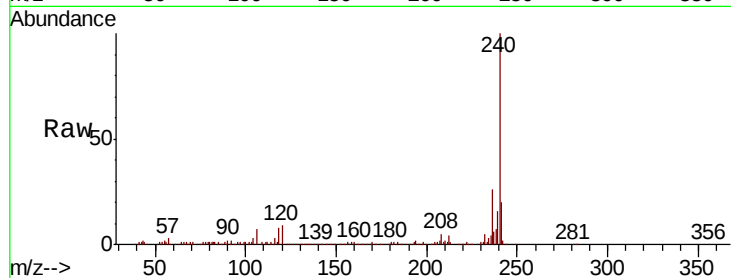




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039437.D
 Acq: 11 Feb 2019 16:54

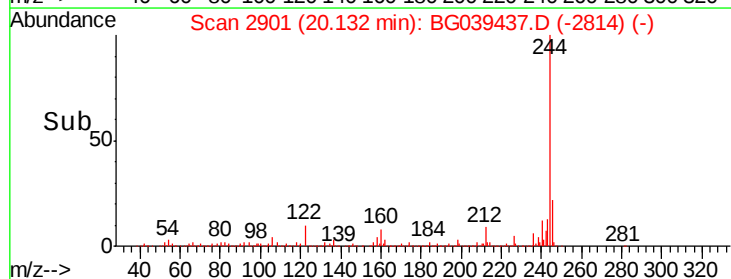
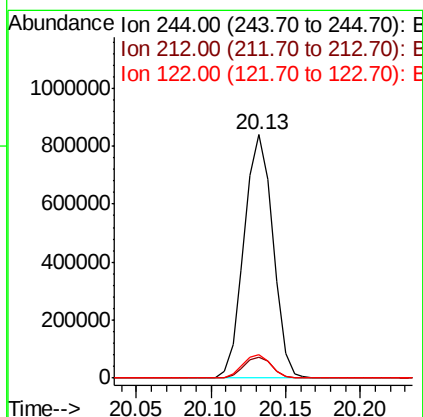
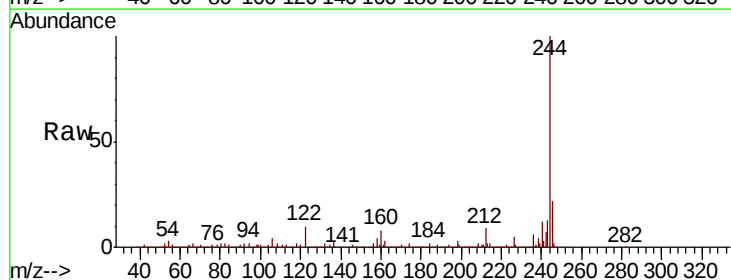
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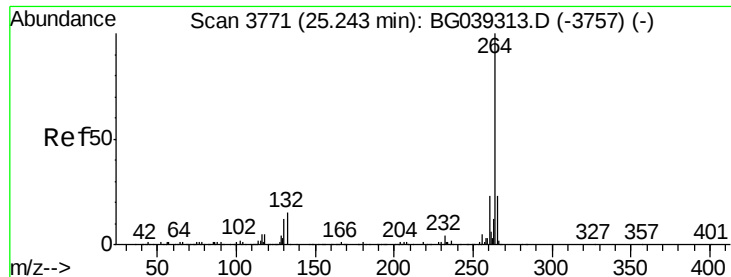
Tot Ion:240 Resp: 382014
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.0 10.6
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 62.092 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039437.D
 Acq: 11 Feb 2019 16:54

Tgt Ion:244 Resp: 1120621
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.3 10.9
 122 9.7 8.4 12.6

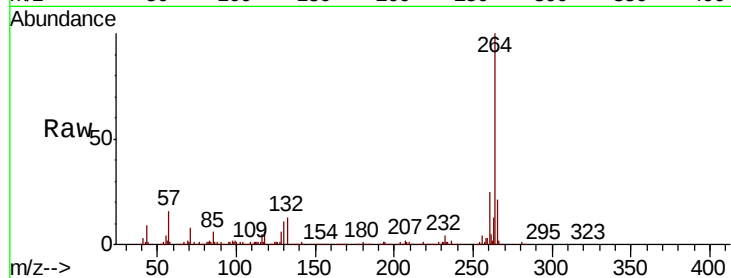




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3765
 Delta R.T. -0.04 min
 Lab File: BG039437.D
 Acq: 11 Feb 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 SS2-RB200035

Tot Ion:	264	Resp:	397588
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	20.7	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

