

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039577.D
 Acq On : 21 Feb 2019 18:49
 Operator : JU/SJ
 Sample : K1344-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-022019-A

Quant Time: Feb 22 00:33:13 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	56422	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	253155	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	175180	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	427782	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	433975	20.00	ng	-0.02
87) Perylene-d12	25.21	264	365611	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	459112	139.27	ng	0.00
7) Phenol-d6	7.32	99	617422	127.24	ng	0.00
23) Nitrobenzene-d5	9.35	82	450741	111.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	272446	144.43	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1056366	86.51	ng	-0.02
79) Terphenyl-d14	20.13	244	1711532	83.48	ng	-0.02

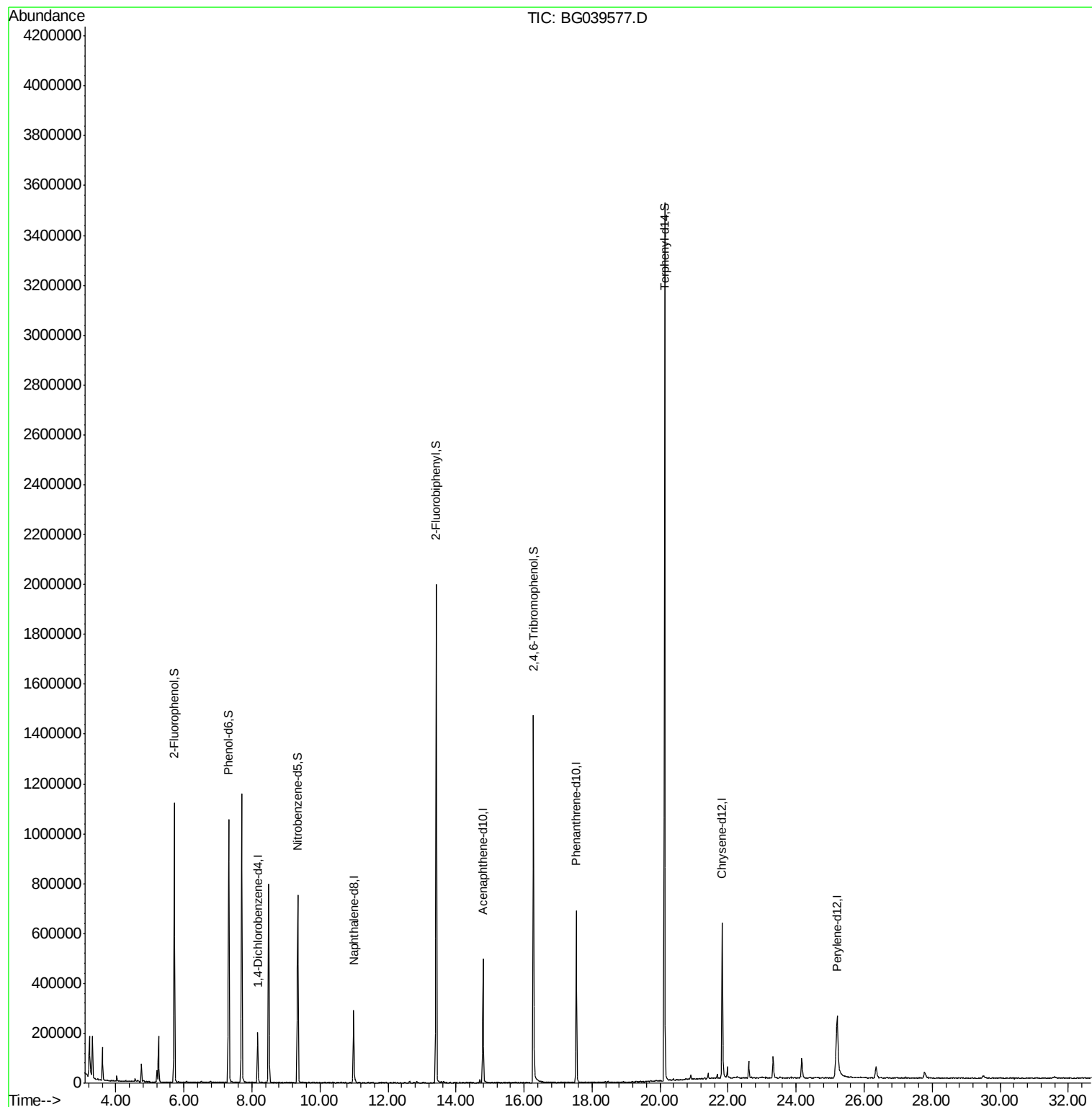
Target Compounds Qvalue

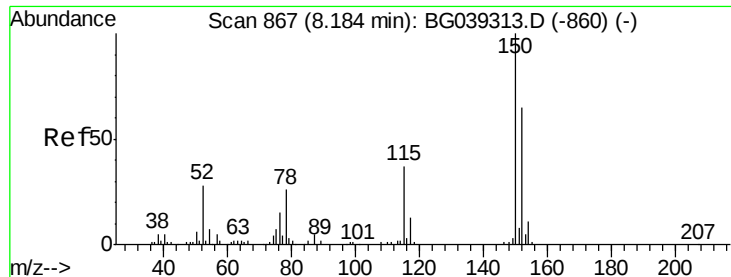
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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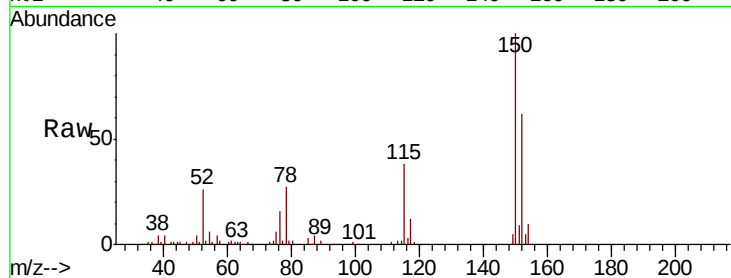


#1

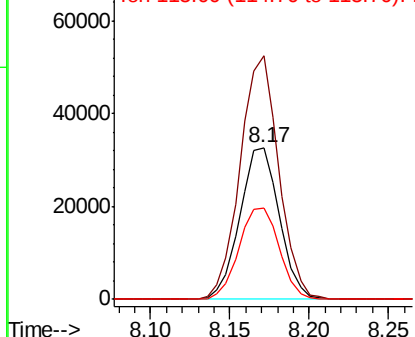
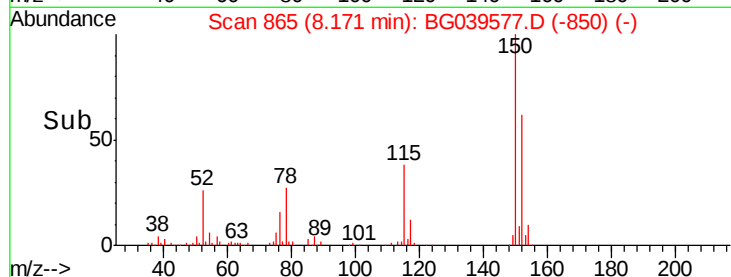
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039577.D
 Acq: 21 Feb 2019 18:49

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-022019-A

Tot Ion:152 Resp: 56422
 Ion Ratio Lower Upper
 152 100
 150 160.2 123.7 185.5
 115 60.4 45.9 68.9



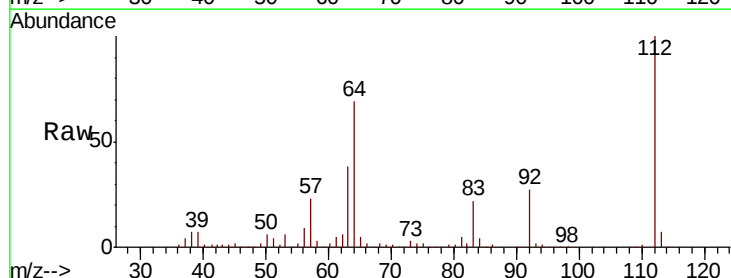
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



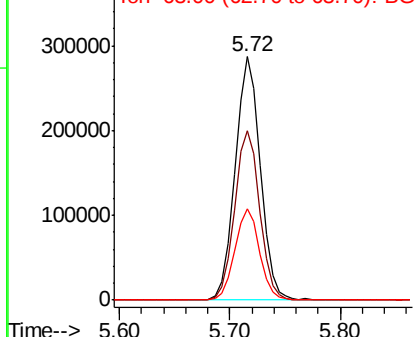
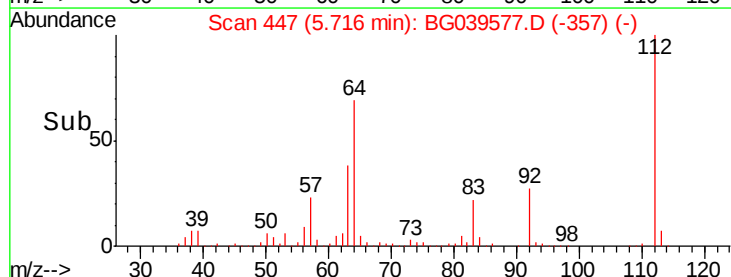
#5

2-Fluorophenol
 Concen: 139.267 ng
 RT: 5.72 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039577.D
 Acq: 21 Feb 2019 18:49

Tgt Ion:112 Resp: 459112
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.8 86.8
 63 37.7 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: 127.237 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

Instrument :

BNA_G

ClientSampleId :

NB-08-022019-A

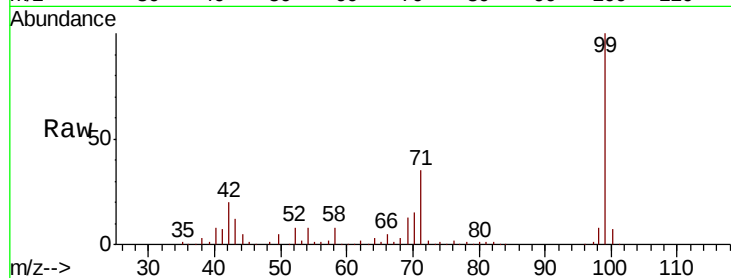
Tot Ion: 99 Resp: 617422

Ion Ratio Lower Upper

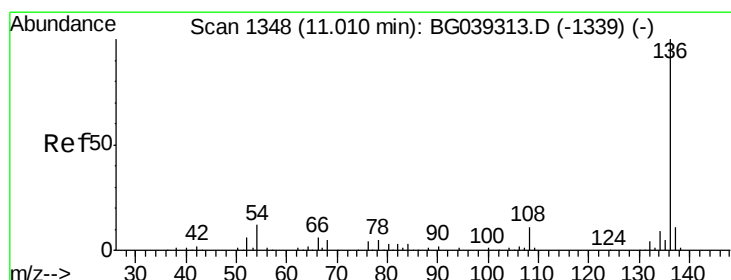
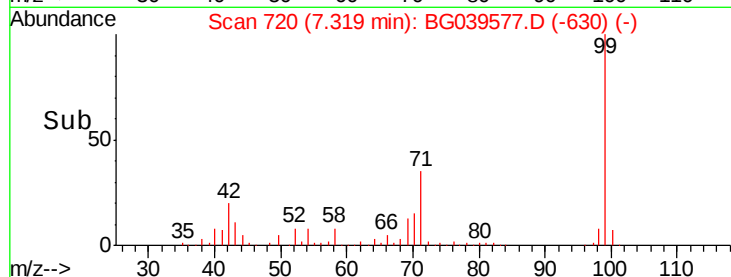
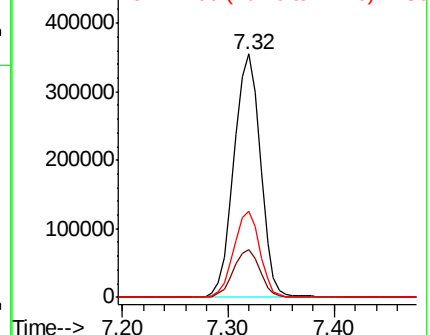
99 100

42 19.8 18.2 27.2

71 35.4 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: BG039577.D

Acq: 21 Feb 2019 18:49

Tgt Ion: 136 Resp: 253155

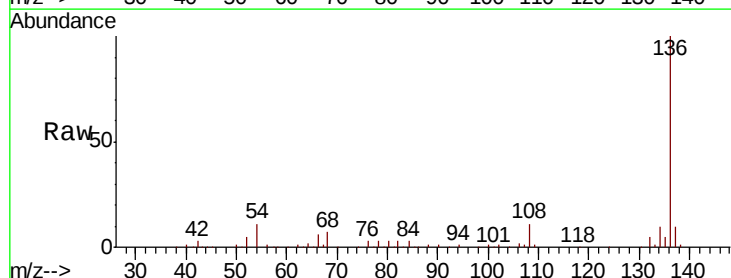
Ion Ratio Lower Upper

136 100

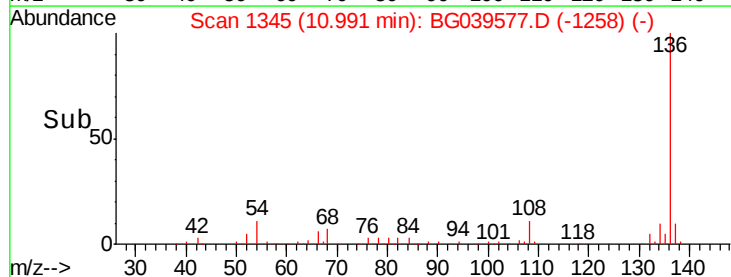
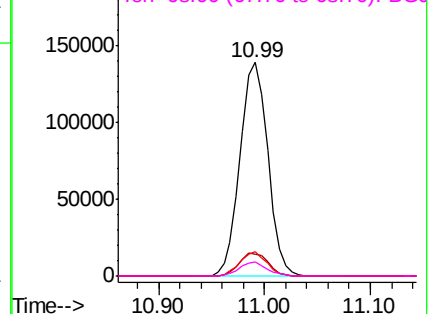
137 10.1 9.1 13.7

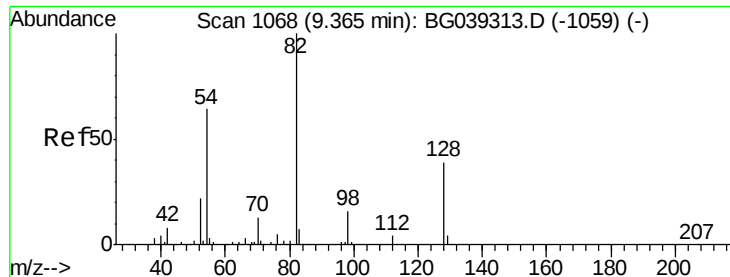
54 11.4 9.4 14.2

68 6.5 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

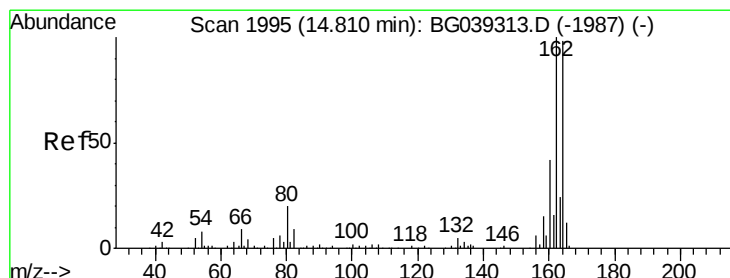
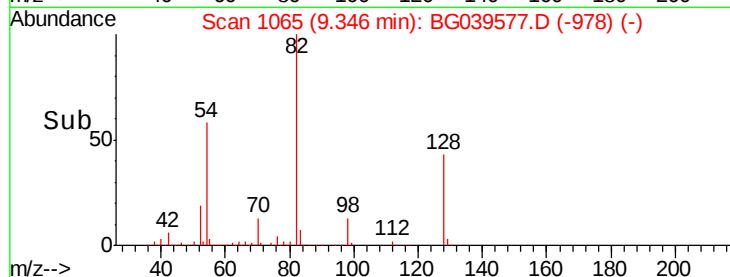
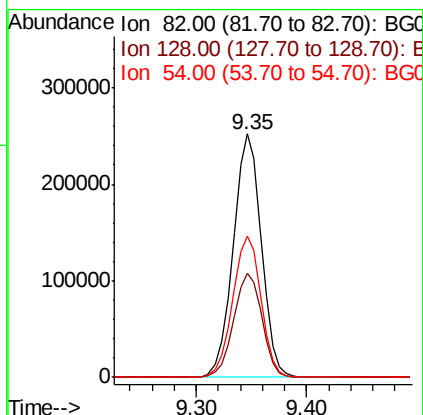
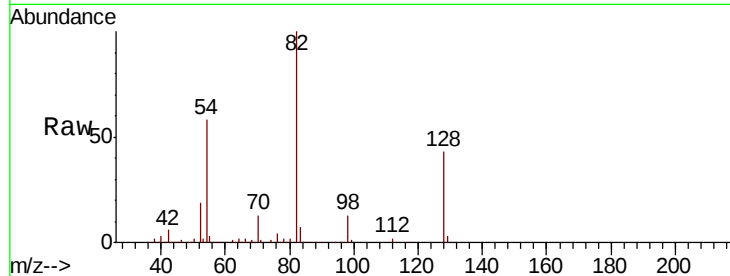




#23
 Nitrobenzene-d5
 Concen: 111.230 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039577.D
 Acq: 21 Feb 2019 18:49

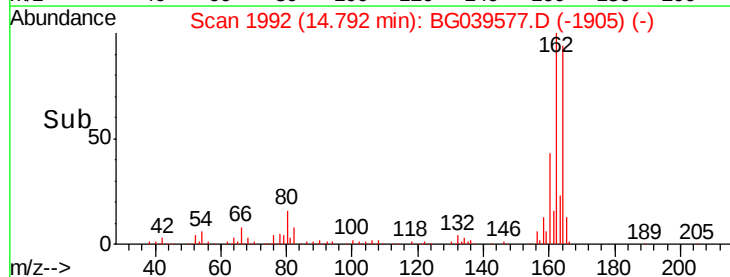
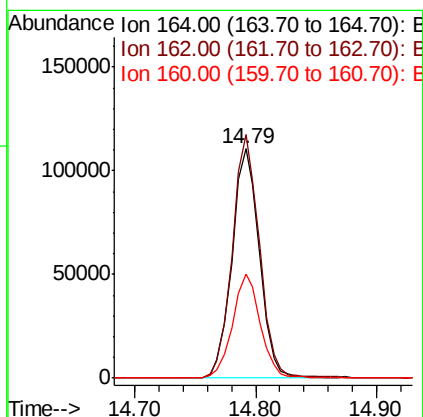
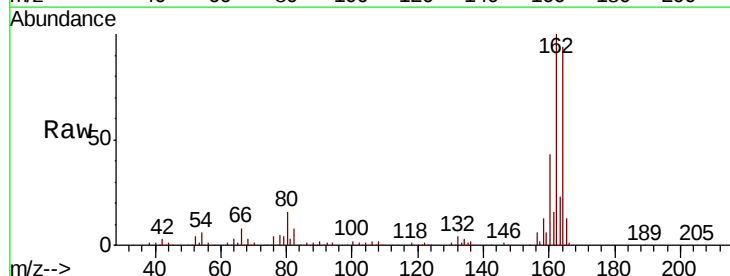
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-022019-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.0	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: BG039577.D
 Acq: 21 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.6	122.4
160	45.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 144.427 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

Instrument :

BNA_G

ClientSampleId :

NB-08-022019-A

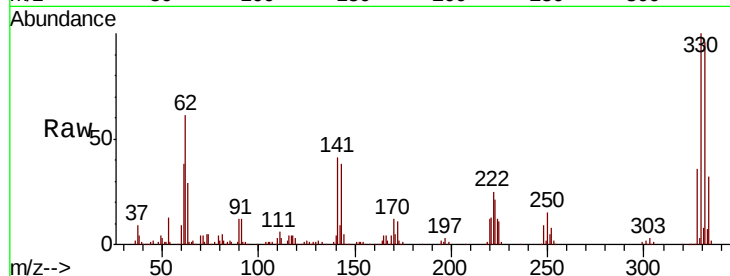
Tot Ion:330 Resp: 272446

Ion Ratio Lower Upper

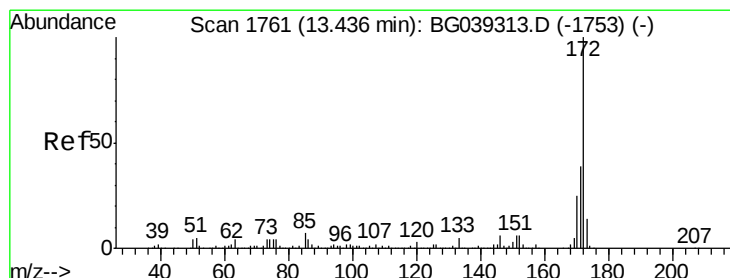
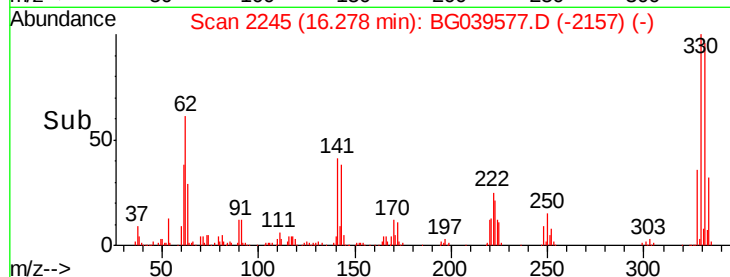
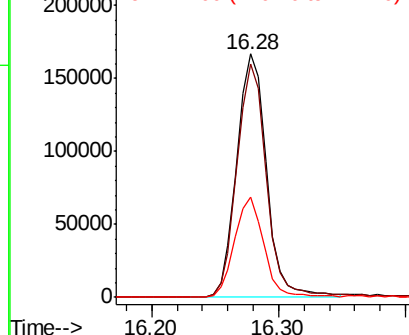
330 100

332 95.7 75.7 113.5

141 40.4 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: 86.506 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

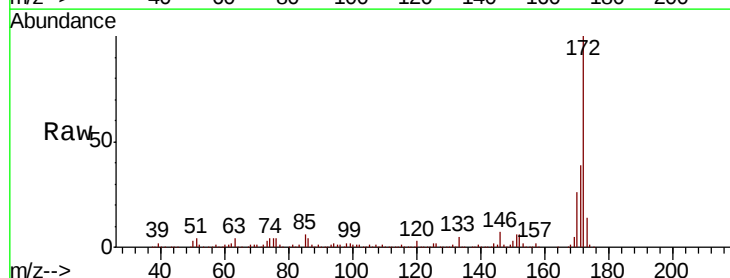
Tgt Ion:172 Resp: 1056366

Ion Ratio Lower Upper

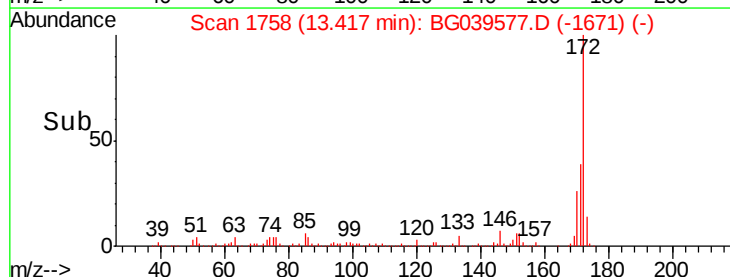
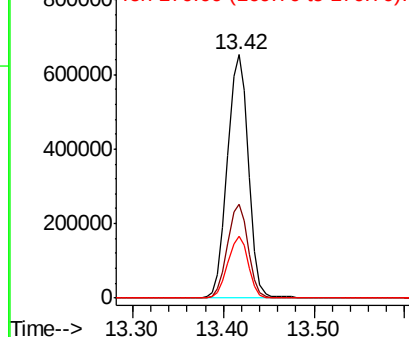
172 100

171 38.8 30.8 46.2

170 25.6 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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

Instrument :

BNA_G

ClientSampleId :

NB-08-022019-A

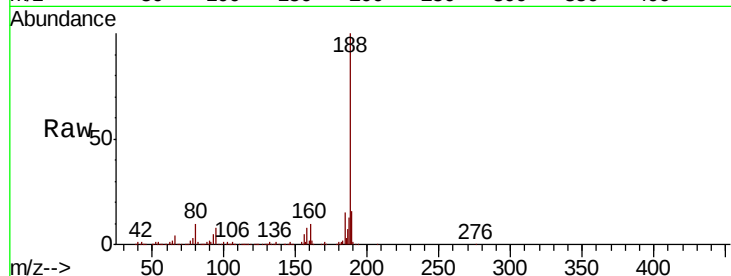
Tot Ion:188 Resp: 427782

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

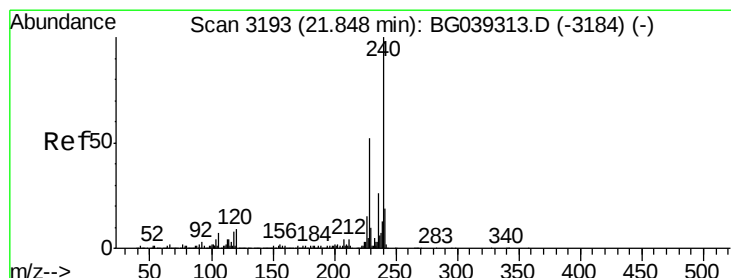
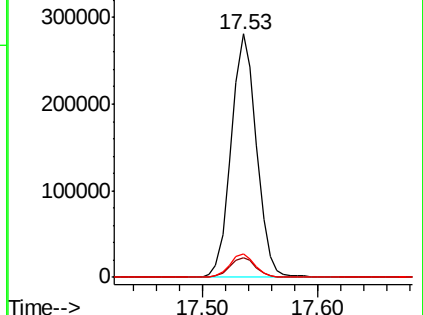
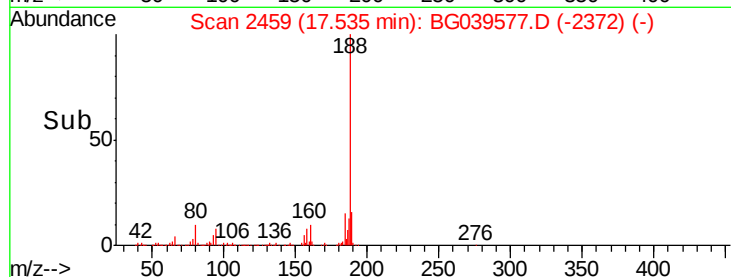
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

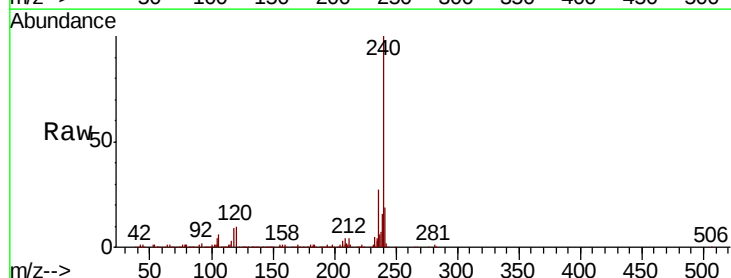
Tgt Ion:240 Resp: 433975

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

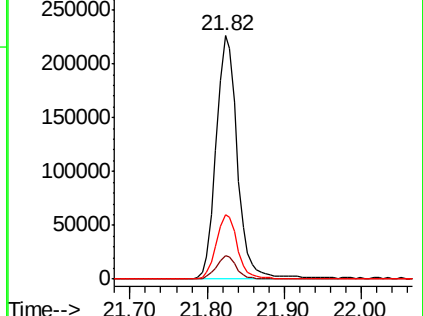
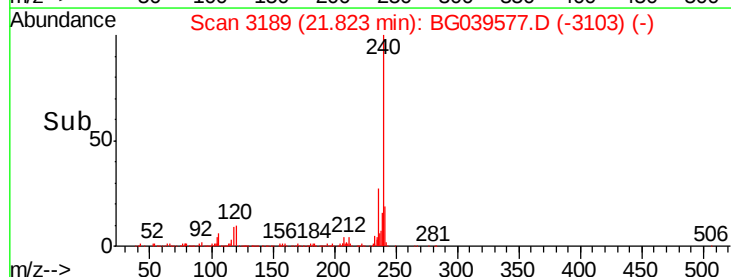
236 26.7 21.0 31.4



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: 83.479 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

Instrument :

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ClientSampleId :

NB-08-022019-A

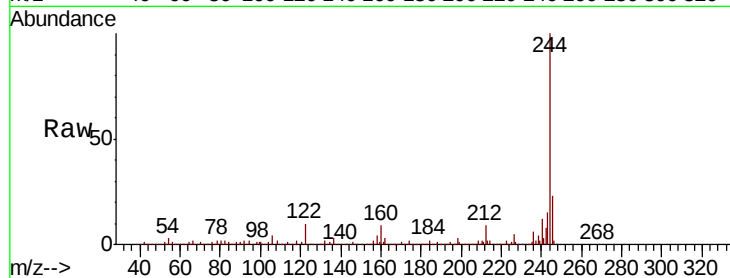
Tot Ion:244 Resp: 1711532

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

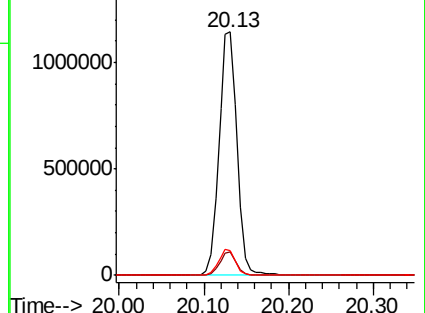
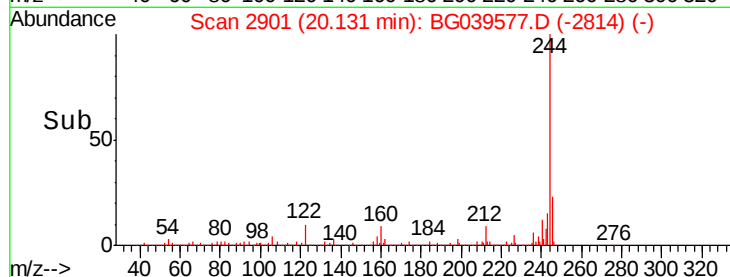
122 10.3 8.4 12.6



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# 3765

Delta R.T. -0.04 min

Lab File: BG039577.D

Acq: 21 Feb 2019 18:49

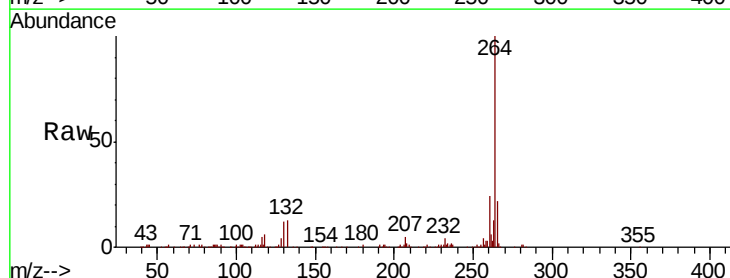
Tgt Ion:264 Resp: 365611

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.6 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

