

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039062.D
 Acq On : 10 Jan 2019 21:17
 Operator : JU/SJ
 Sample : K1086-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-1819-W

Quant Time: Jan 11 05:44:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

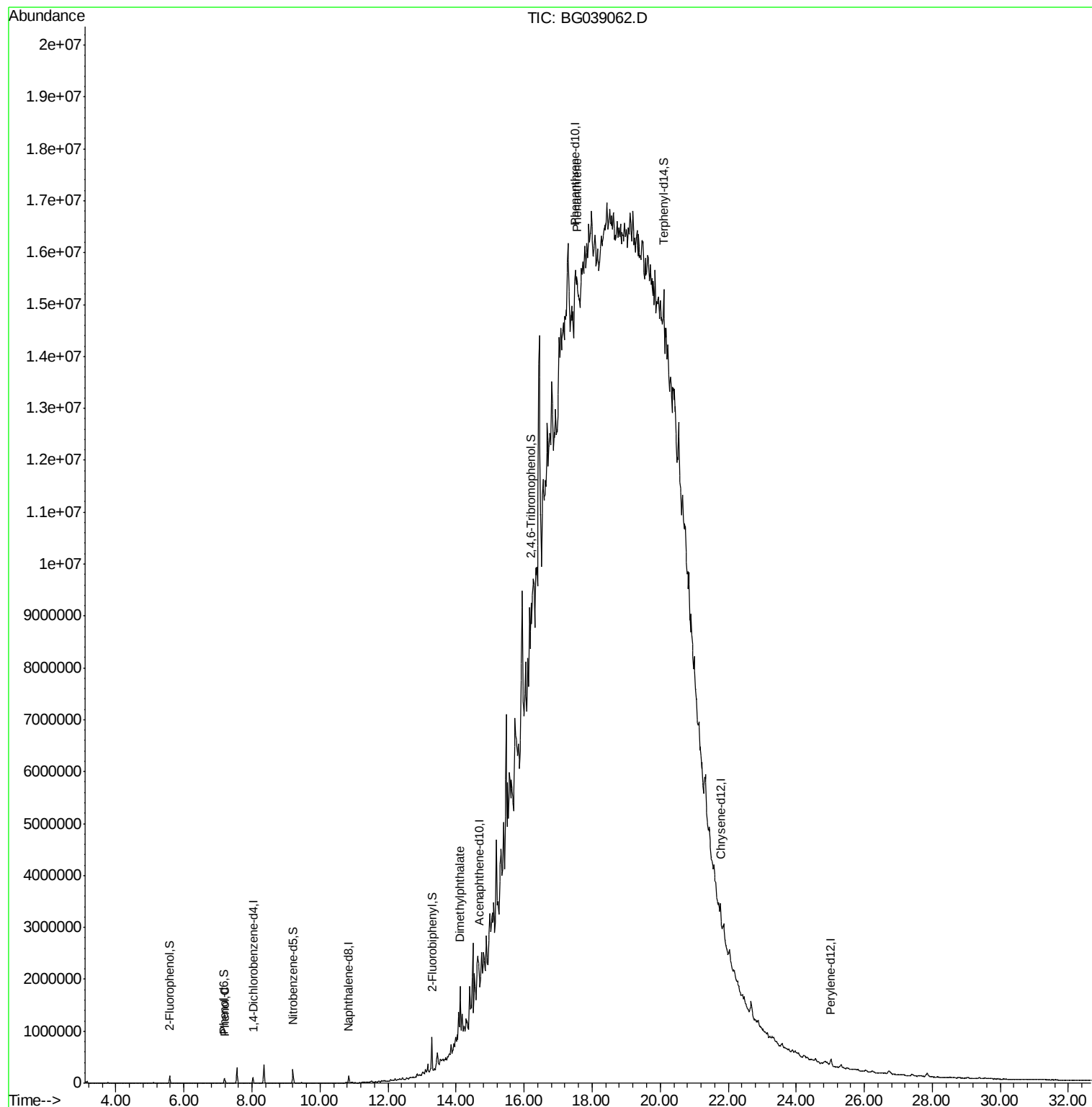
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33437	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	121369	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	72529	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	191607	20.00	ng	0.07
76) Chrysene-d12	21.77	240	181830	20.00	ng	0.07
87) Perylene-d12	25.03	264	134232	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	69101	39.20	ng	0.00
7) Phenol-d6	7.18	99	54785	21.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	153156	69.05	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	146276	120.31	ng	0.04
45) 2-Fluorobiphenyl	13.29	172	368045	69.45	ng	0.00
79) Terphenyl-d14	20.11	244	745348	75.83	ng	0.09
Target Compounds						
10) Phenol	7.21	94	13412	5.274	ng	95
50) Dimethylphthalate	14.12	163	34997	5.710	ng	# 78
71) Phenanthrene	17.54	178	407553	40.241	ng	# 58

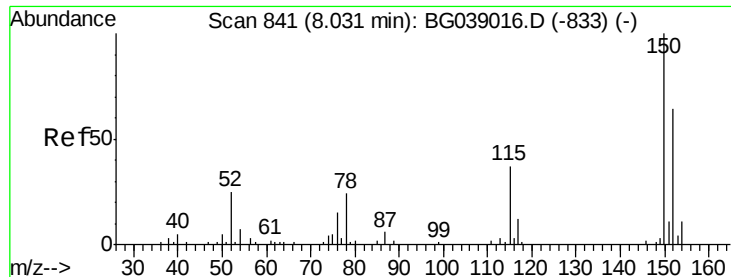
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039062.D
Acq On : 10 Jan 2019 21:17
Operator : JU/SJ
Sample : K1086-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CF-1819-W

Quant Time: Jan 11 05:44:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



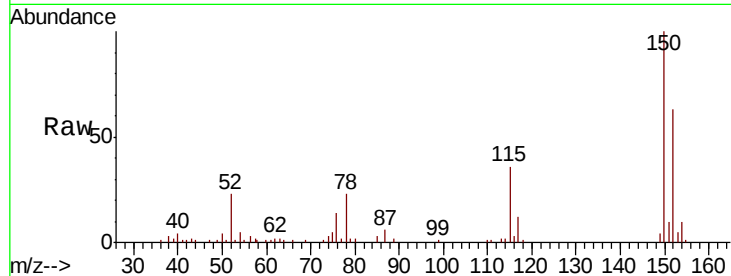


#1

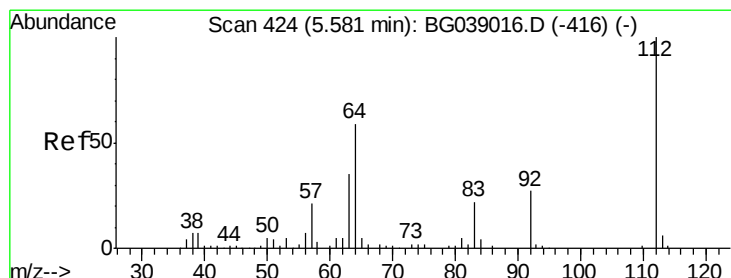
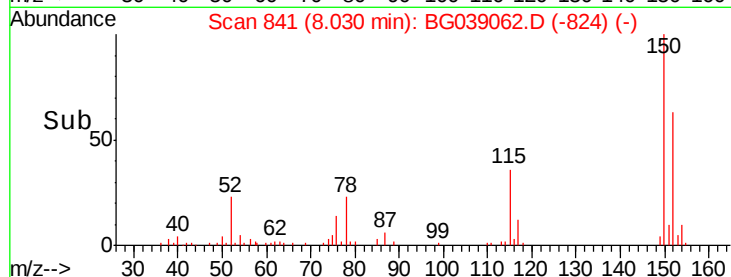
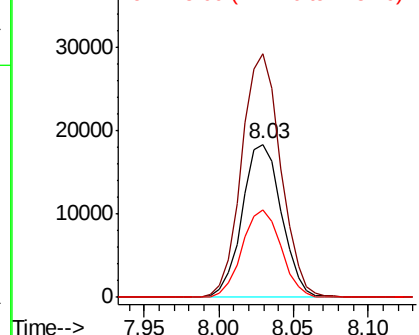
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

Instrument :
BNA_G
ClientSampleId :
CF-1819-W

Tot Ion:152 Resp: 33437
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 57.5 46.5 69.7



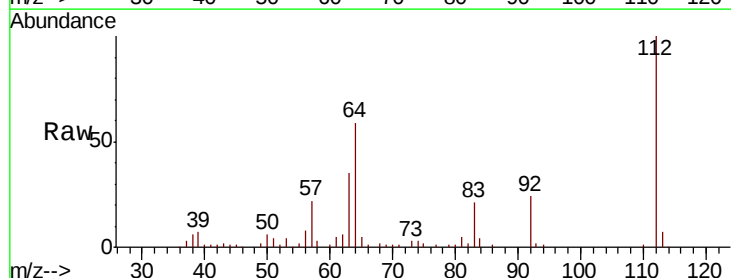
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



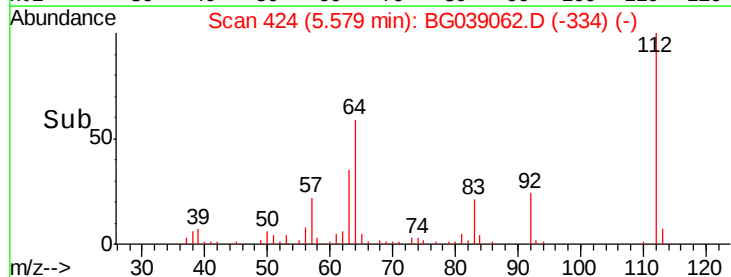
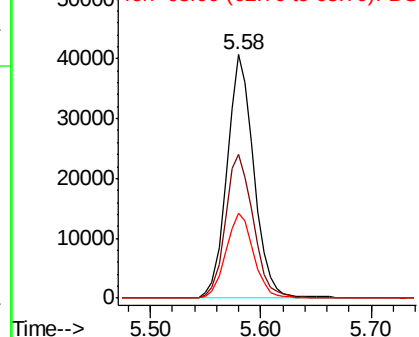
#5

2-Fluorophenol
Concen: 39.203 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

Tgt Ion:112 Resp: 69101
Ion Ratio Lower Upper
112 100
64 59.1 47.0 70.6
63 35.0 28.0 42.0



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: 21.597 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

Instrument :

BNA_G

ClientSampleId :

CF-1819-W

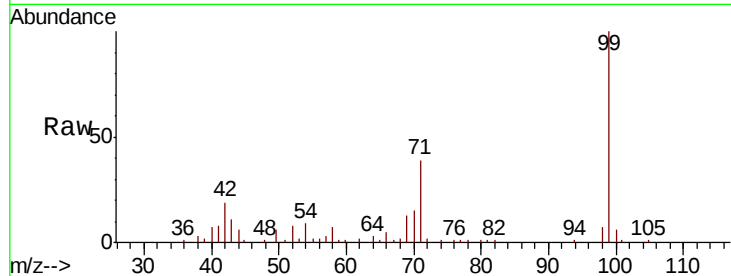
Tot Ion: 99 Resp: 54785

Ion Ratio Lower Upper

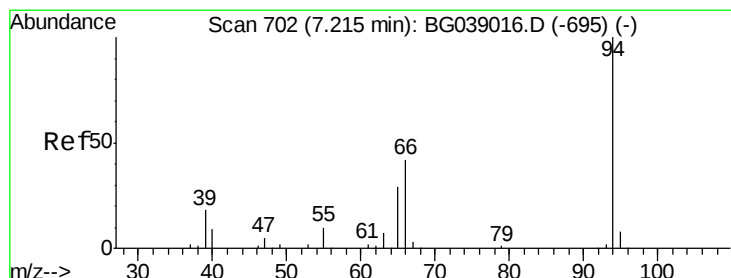
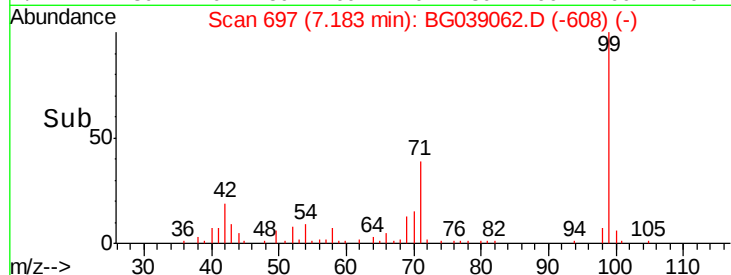
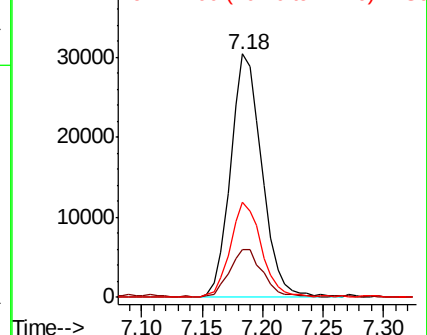
99 100

42 19.4 15.8 23.6

71 38.8 30.2 45.4



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



#10

Phenol

Concen: 5.274 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

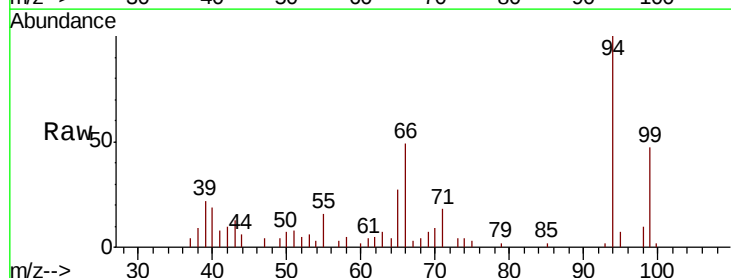
Tgt Ion: 94 Resp: 13412

Ion Ratio Lower Upper

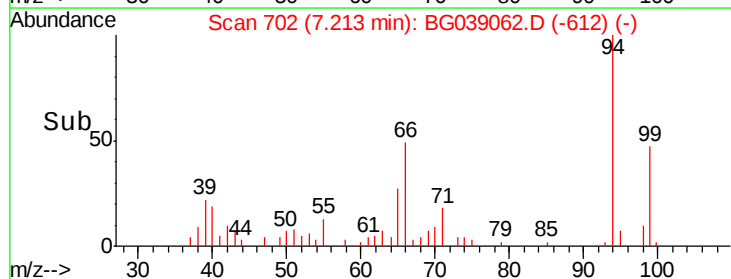
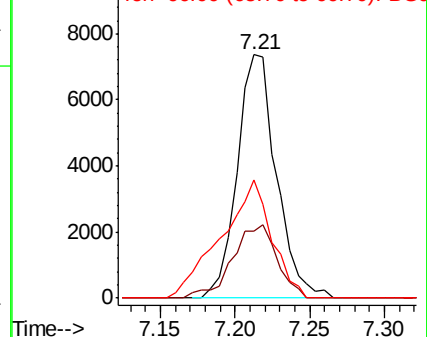
94 100

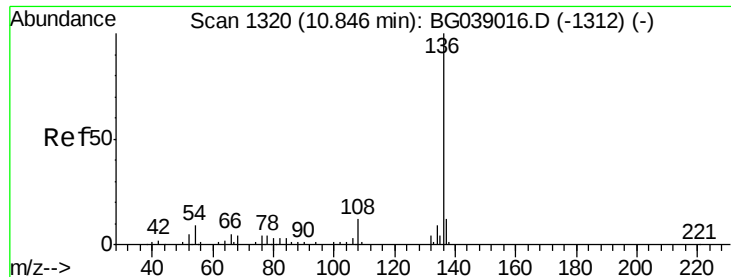
65 27.4 10.3 50.3

66 48.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

Instrument :

BNA_G

ClientSampleId :

CF-1819-W

Tot Ion:136 Resp: 121369

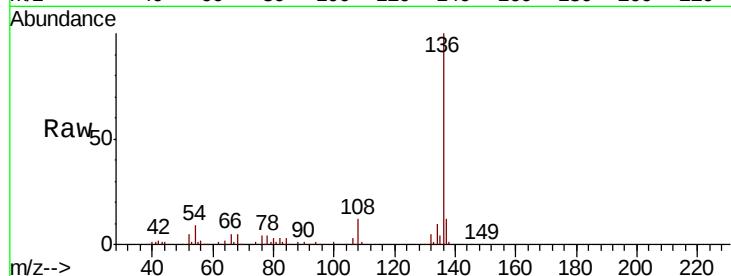
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.2

54 8.9 7.2 10.8

68 4.5 3.5 5.3

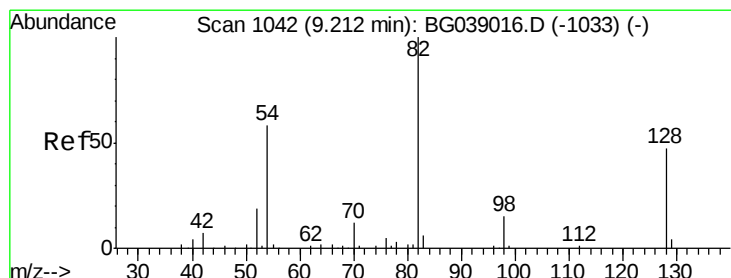
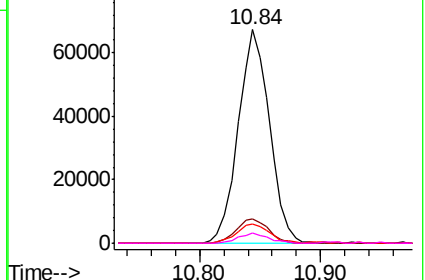
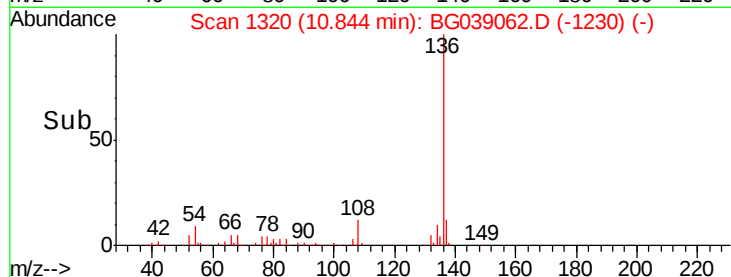


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 69.051 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

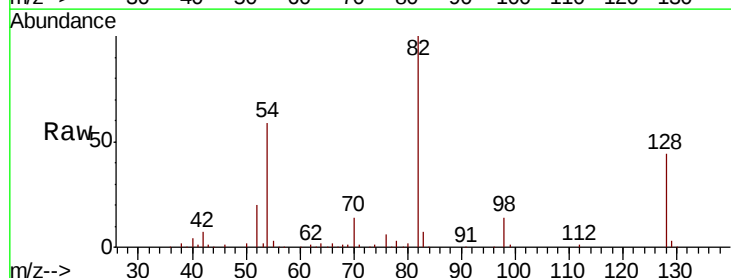
Tgt Ion: 82 Resp: 153156

Ion Ratio Lower Upper

82 100

128 44.3 37.3 55.9

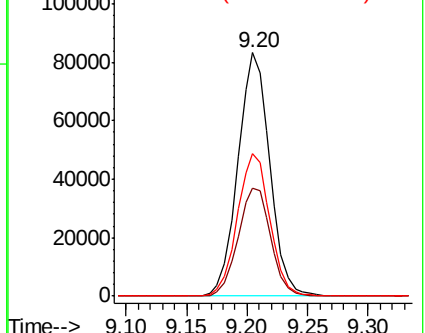
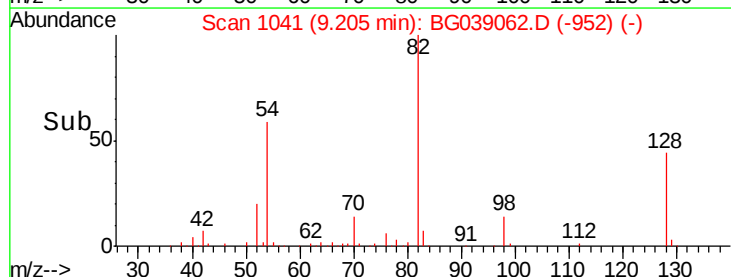
54 58.8 46.4 69.6

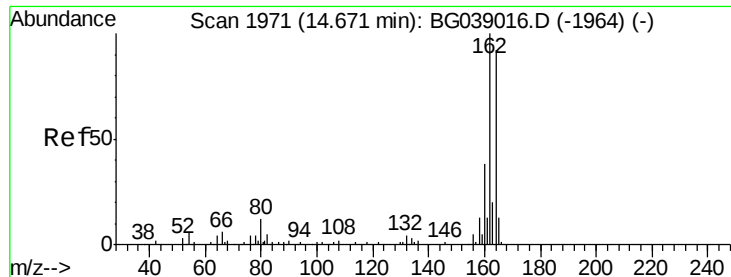


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

Instrument :

BNA_G

ClientSampleId :

CF-1819-W

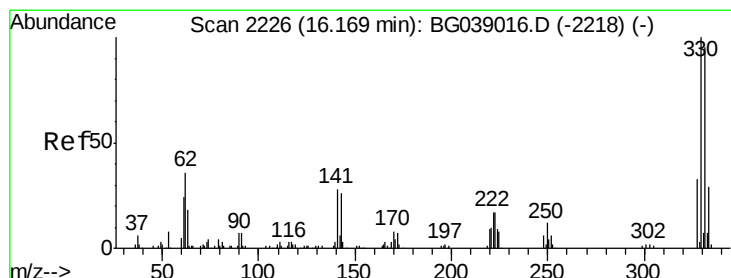
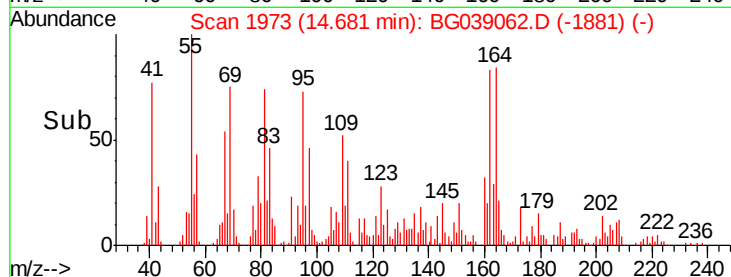
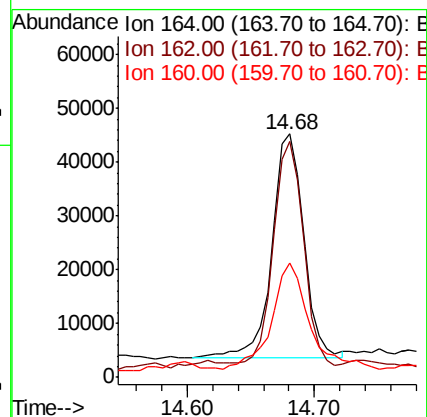
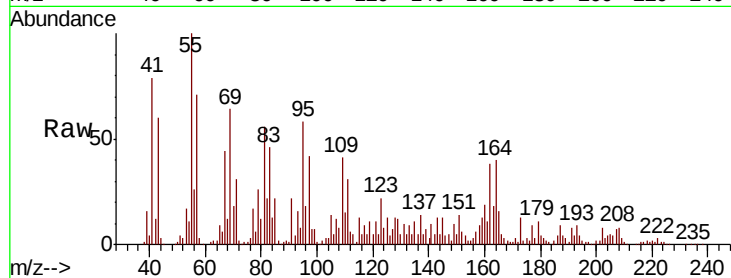
Tot Ion:164 Resp: 72529

Ion Ratio Lower Upper

164 100

162 96.8 87.2 130.8

160 46.9 33.3 49.9



#42

2,4,6-Tribromophenol

Concen: 120.314 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.04 min

Lab File: BG039062.D

Acq: 10 Jan 2019 21:17

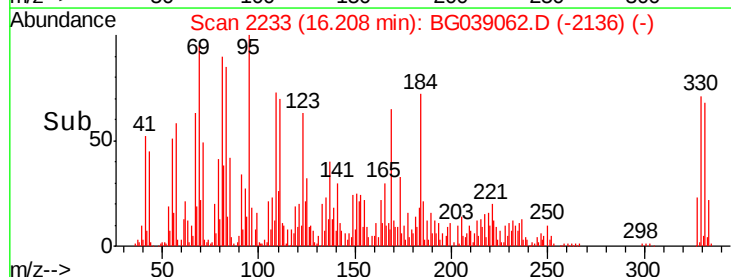
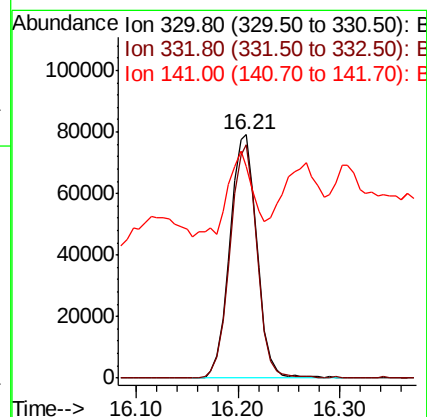
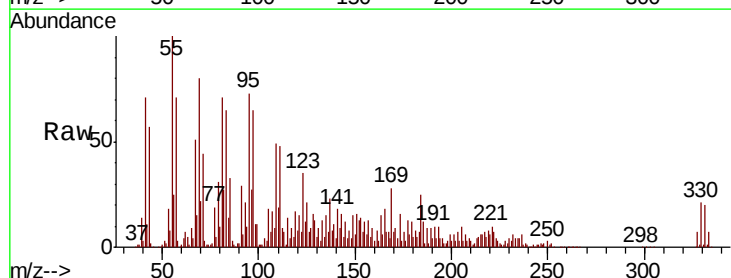
Tgt Ion:330 Resp: 146276

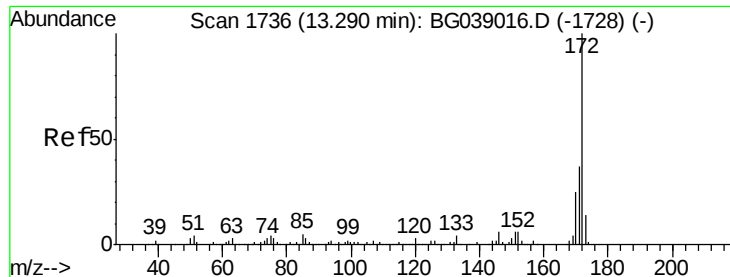
Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

141 29.1 24.9 37.3

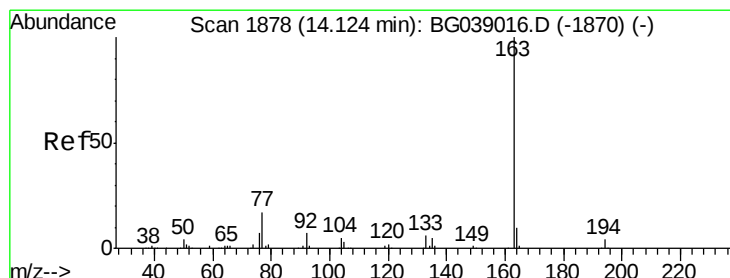
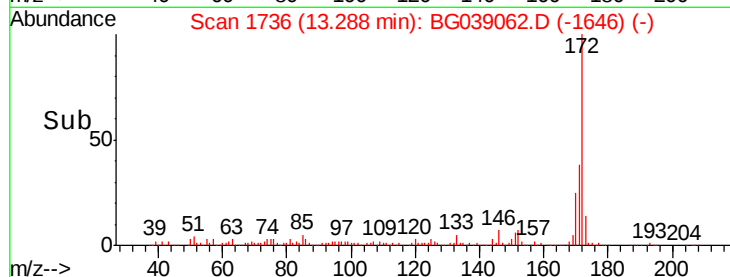
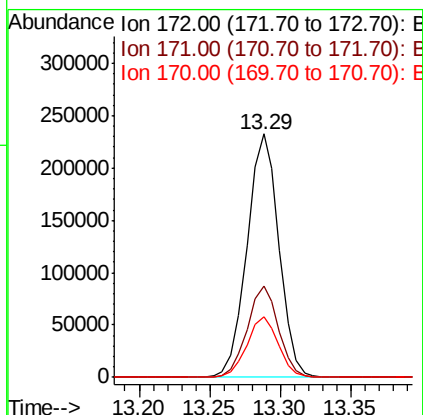
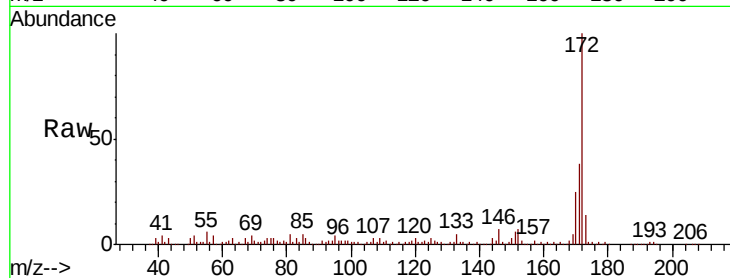




#45
2-Fluorobiphenyl
Concen: 69.447 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

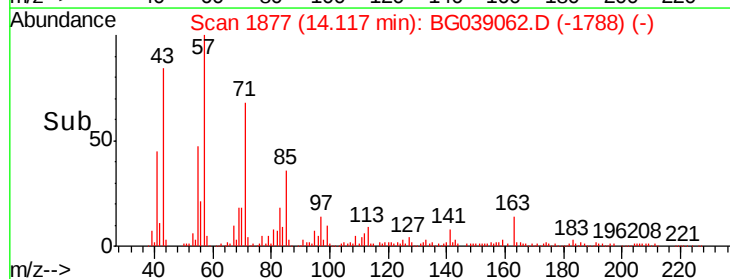
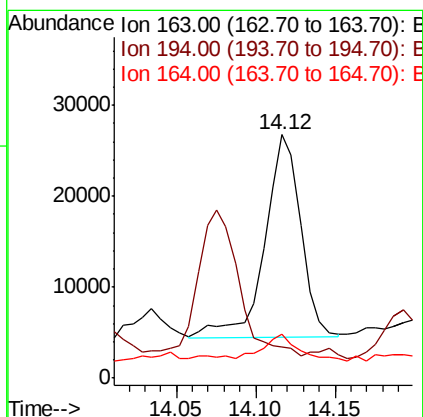
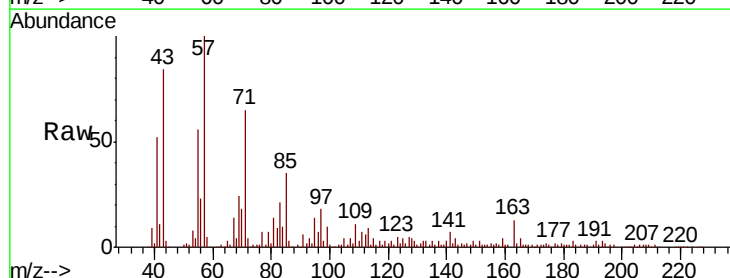
Instrument :
BNA_G
ClientSampleId :
CF-1819-W

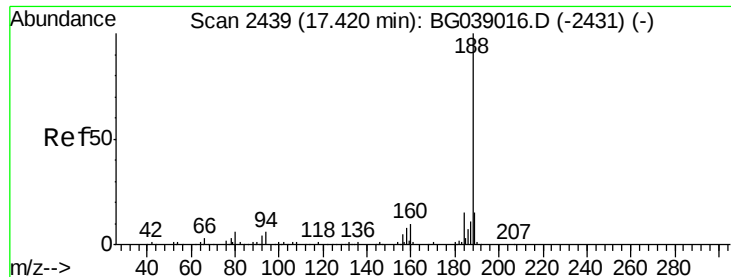
Tot Ion:172 Resp: 368045
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.6 20.1 30.1



#50
Dimethylphthalate
Concen: 5.710 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

Tgt Ion:163 Resp: 34997
Ion Ratio Lower Upper
163 100
194 12.5 3.6 5.4#
164 18.0 8.2 12.2#

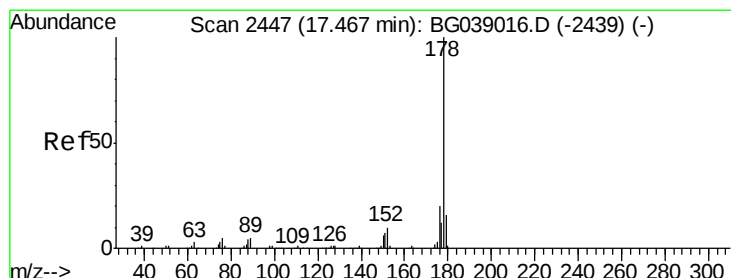
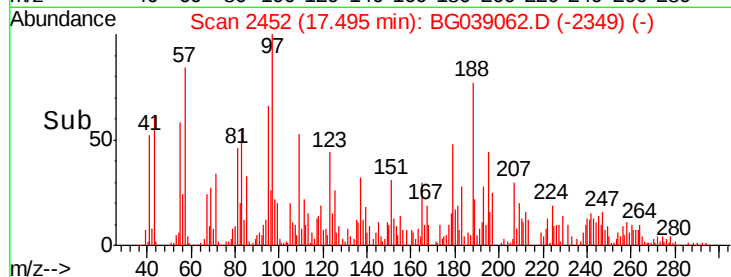
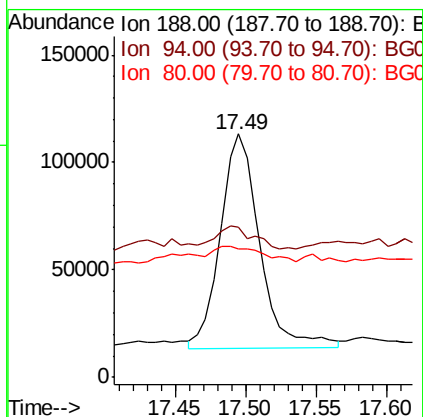
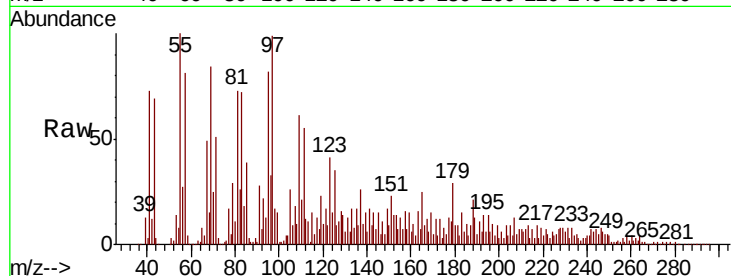




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.07 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

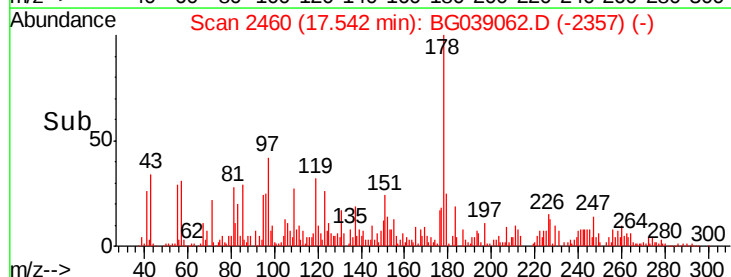
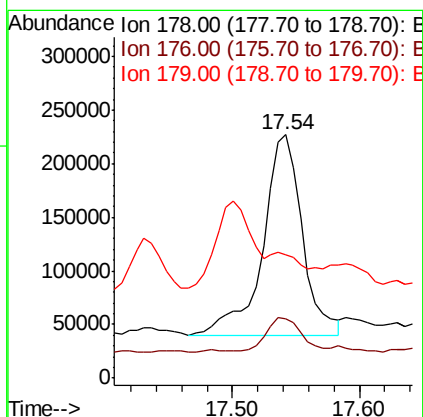
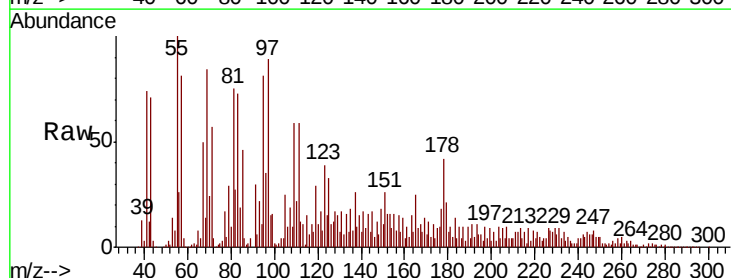
Instrument :
BNA_G
ClientSampleId :
CF-1819-W

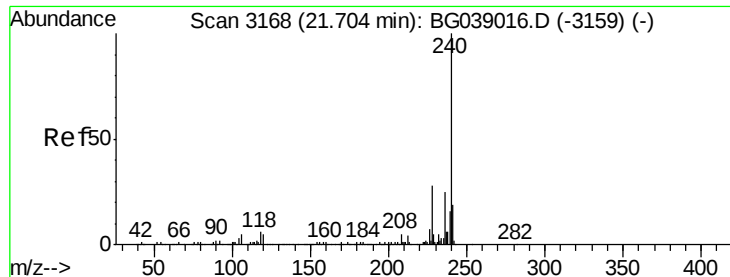
Tot Ion:188 Resp: 191607
Ion Ratio Lower Upper
188 100
94 61.5 5.0 7.4#
80 52.9 4.7 7.1#



#71
Phenanthrene
Concen: 40.241 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.07 min
Lab File: BG039062.D
Acq: 10 Jan 2019 21:17

Tgt Ion:178 Resp: 407553
Ion Ratio Lower Upper
178 100
176 24.2 15.7 23.5#
179 50.4 12.9 19.3#

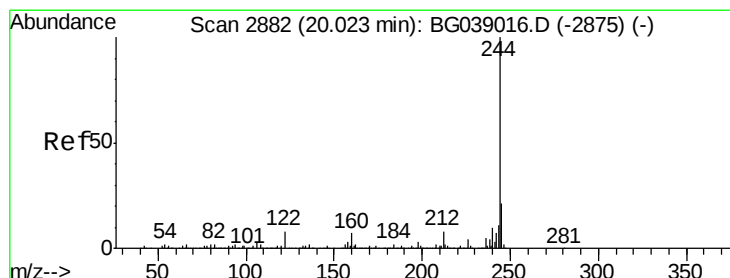
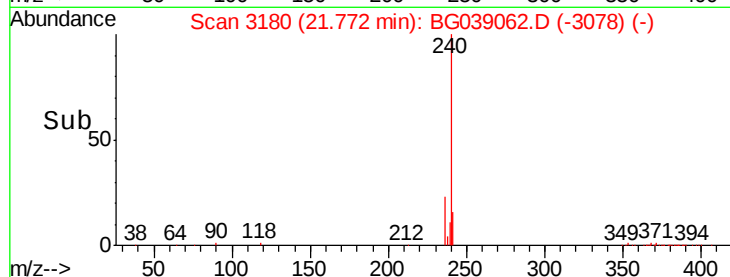
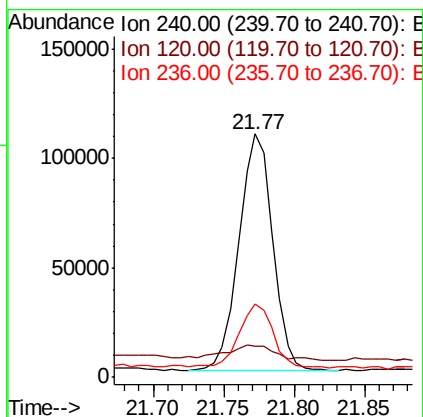
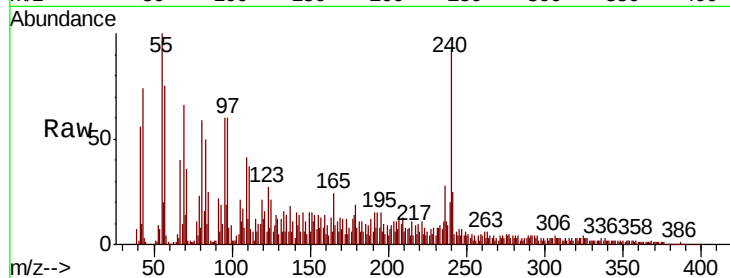




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.07 min
 Lab File: BG039062.D
 Acq: 10 Jan 2019 21:17

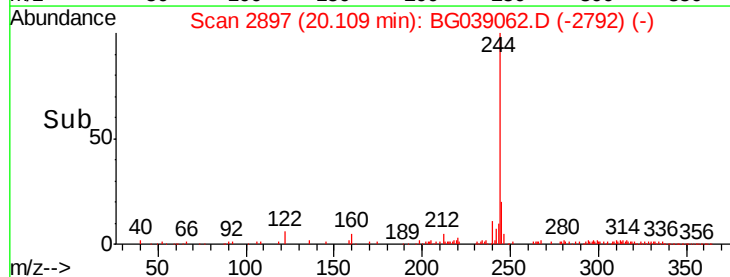
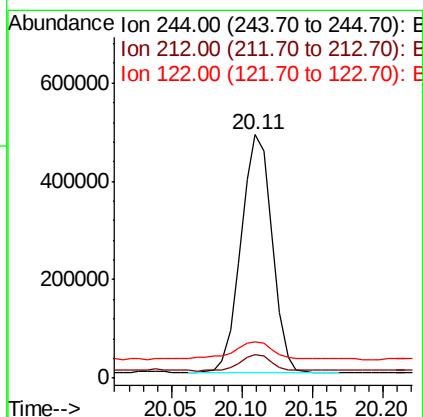
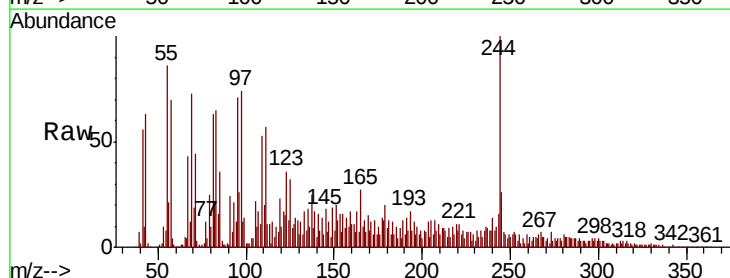
Instrument :
 BNA_G
 ClientSampleID :
 CF-1819-W

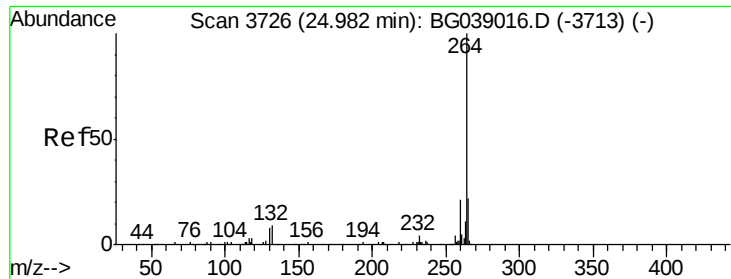
Tot Ion:240 Resp: 181830
 Ion Ratio Lower Upper
 240 100
 120 13.0 4.3 6.5#
 236 30.1 20.1 30.1



#79
 Terphenyl-d14
 Concen: 75.830 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.09 min
 Lab File: BG039062.D
 Acq: 10 Jan 2019 21:17

Tgt Ion:244 Resp: 745348
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.1 9.1#
 122 15.1 6.1 9.1#

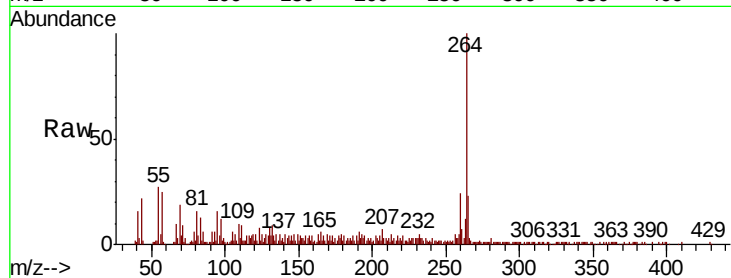




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. 0.05 min
 Lab File: BG039062.D
 Acq: 10 Jan 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 CF-1819-W

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	17.0	25.6	
265	22.6	17.2	25.8	



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

