

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039564.D
 Acq On : 19 Feb 2019 21:02
 Operator : JU/SJ
 Sample : K1528-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Feb 20 01:05:15 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

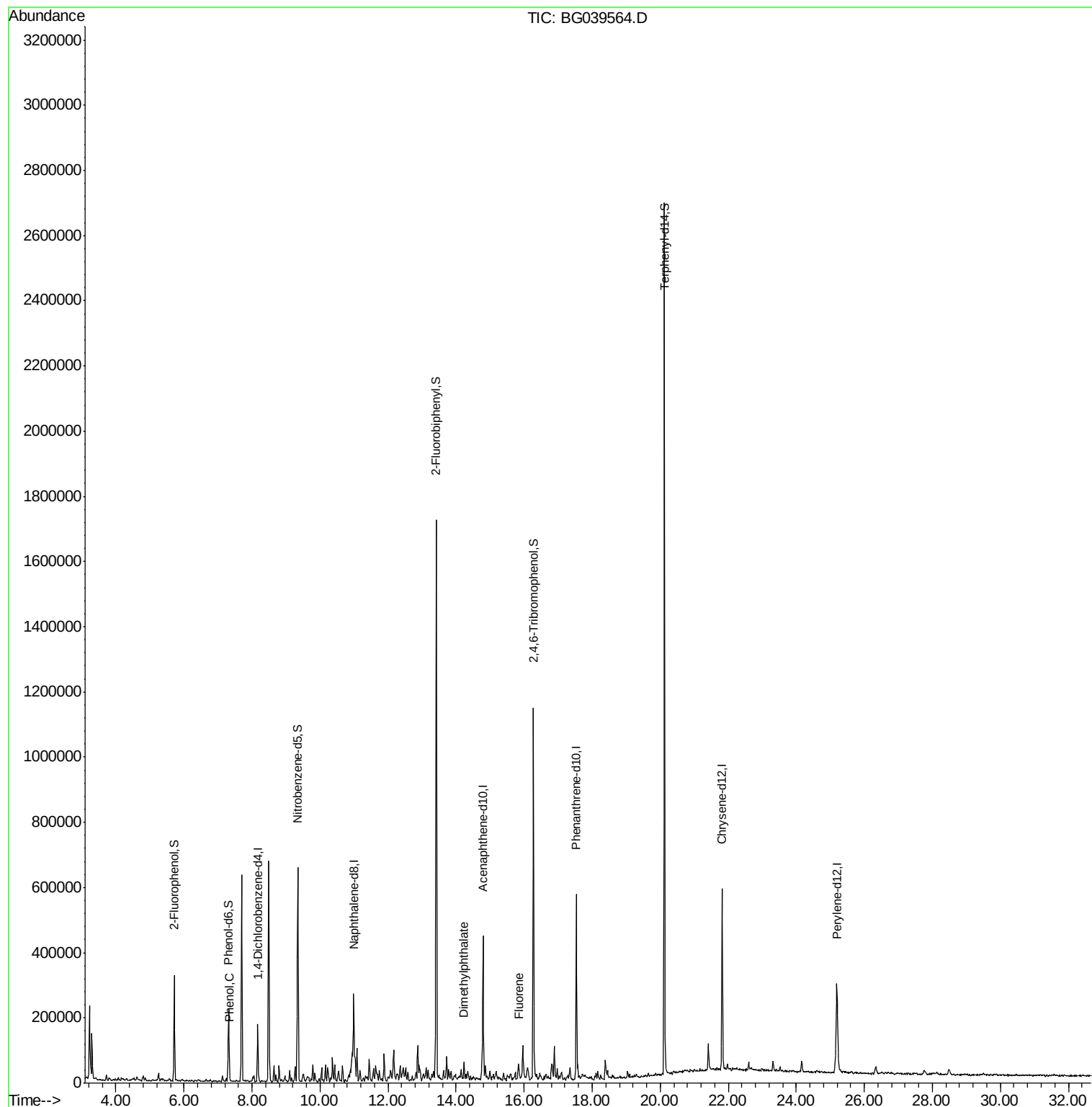
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47402	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	216715	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151909	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	350346	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	347087	20.00	ng	-0.03
87) Perylene-d12	25.20	264	338016	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	139052	50.21	ng	0.00
7) Phenol-d6	7.31	99	129353	31.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	381596	110.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	195519	119.53	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	908049	85.75	ng	-0.02
79) Terphenyl-d14	20.12	244	1259349	76.80	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	8864	2.086	ng	90
50) Dimethylphthalate	14.23	163	27433	2.236	ng	# 95
58) Fluorene	15.83	166	22835	2.051	ng	# 90

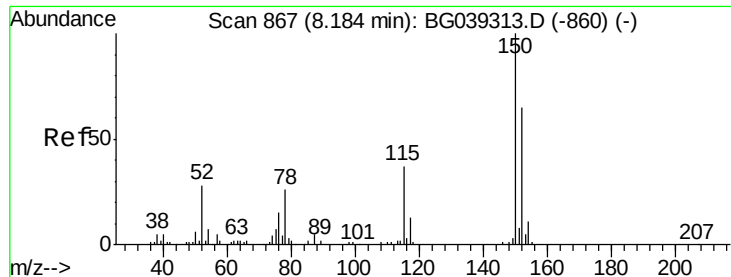
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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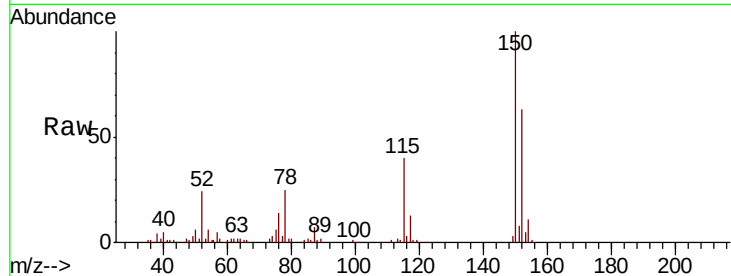


#1

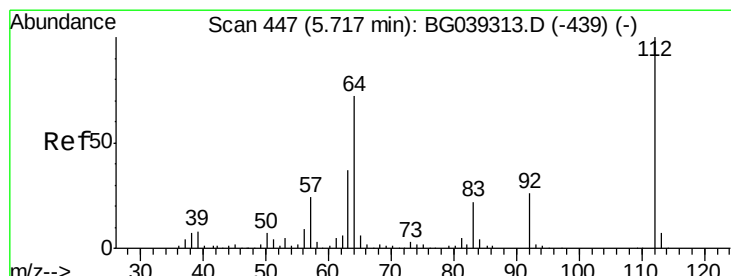
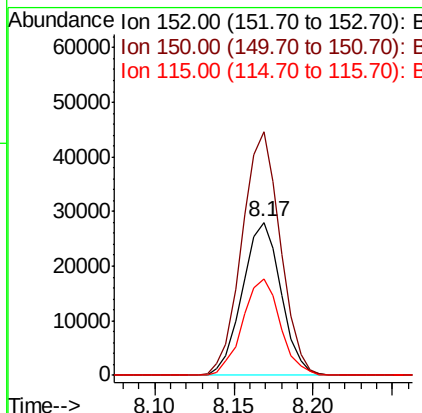
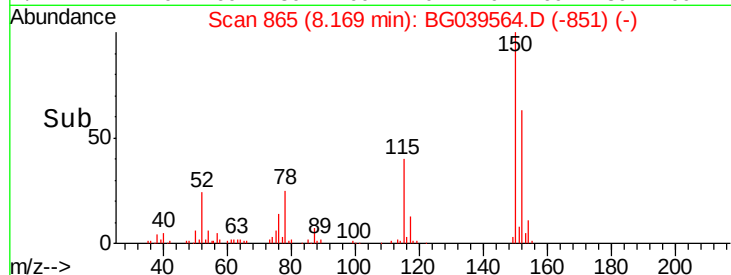
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:152 Resp: 47402
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 63.1 45.9 68.9



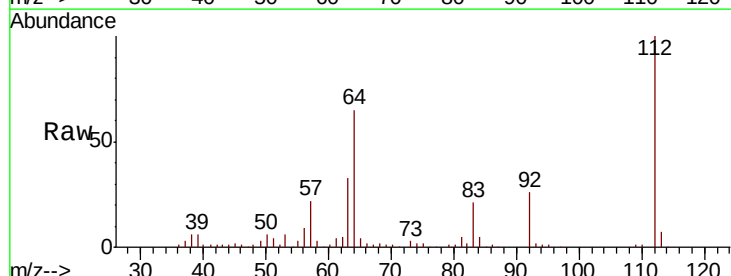
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



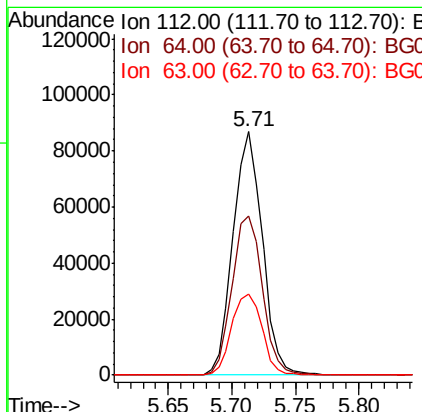
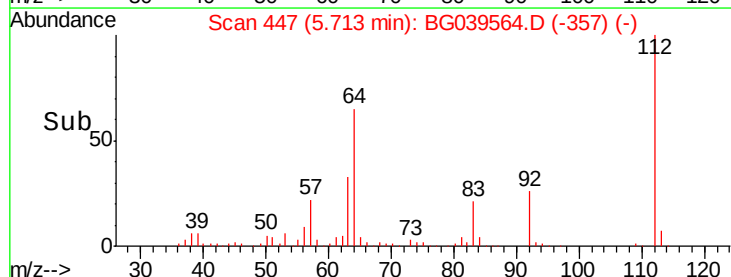
#5

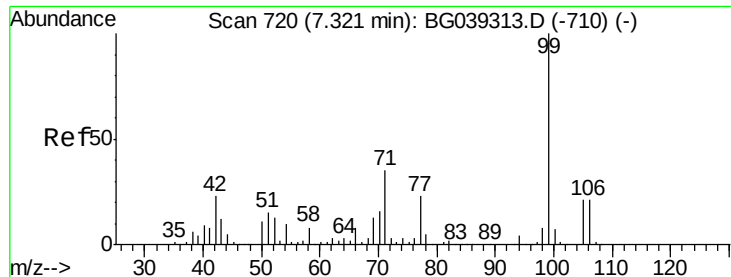
2-Fluorophenol
Concen: 50.206 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:112 Resp: 139052
Ion Ratio Lower Upper
112 100
64 65.5 57.8 86.8
63 33.3 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: 31.729 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039564.D

Acq: 19 Feb 2019 21:02

Instrument :

BNA_G

ClientSampled :

MW-3

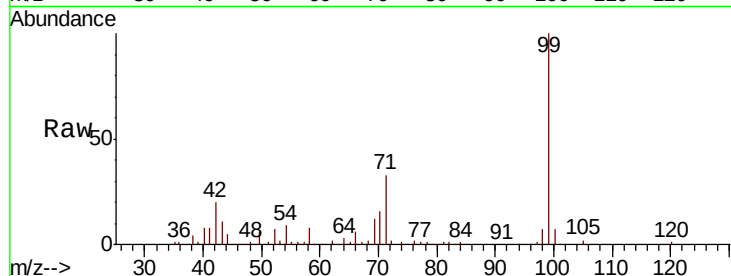
Tot Ion: 99 Resp: 129353

Ion Ratio Lower Upper

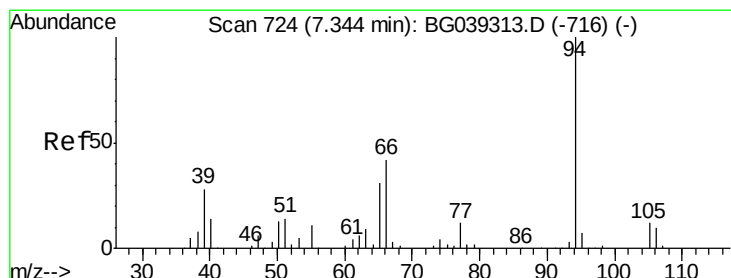
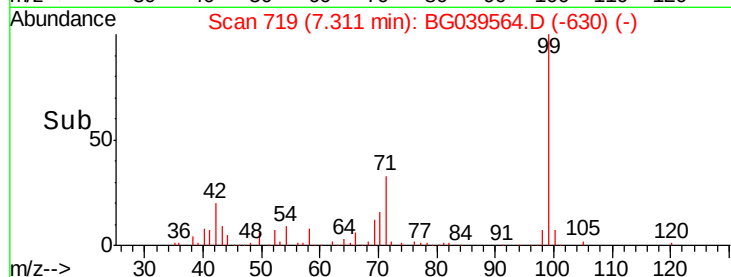
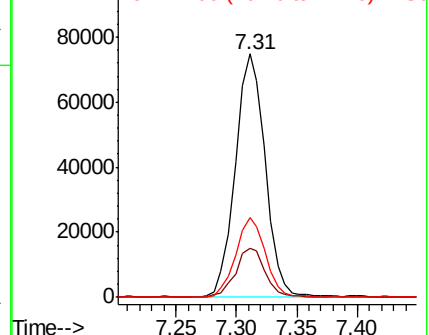
99 100

42 20.0 18.2 27.2

71 32.9 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



#10

Phenol

Concen: 2.086 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039564.D

Acq: 19 Feb 2019 21:02

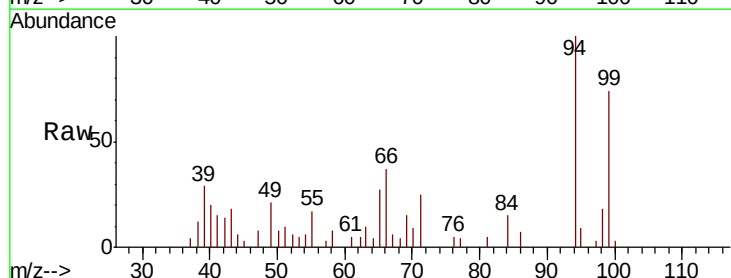
Tgt Ion: 94 Resp: 8864

Ion Ratio Lower Upper

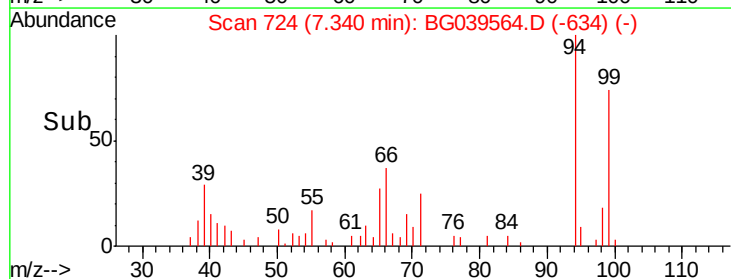
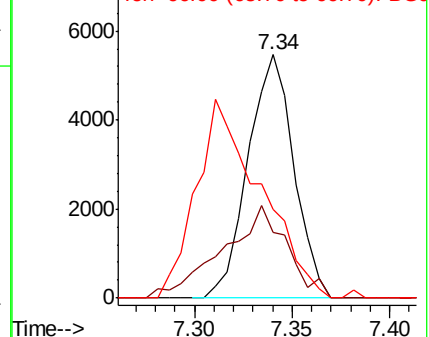
94 100

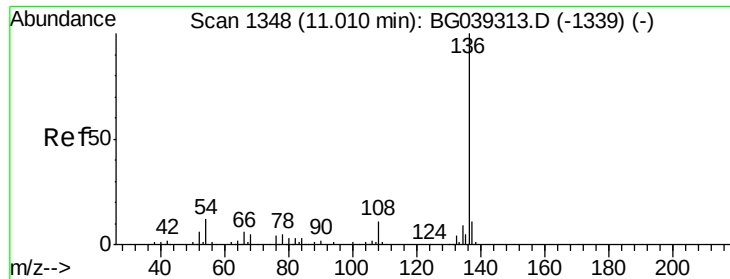
65 27.1 11.7 51.7

66 36.5 23.7 63.7



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

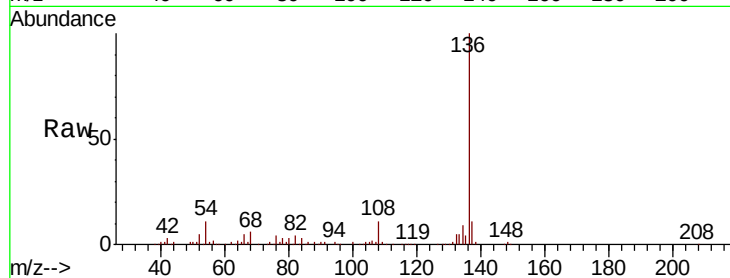




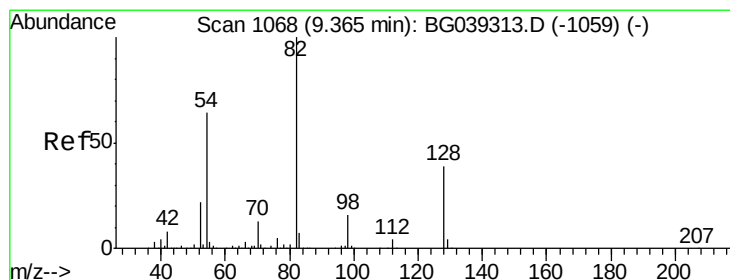
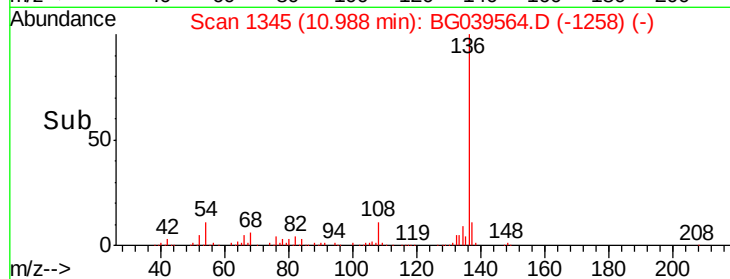
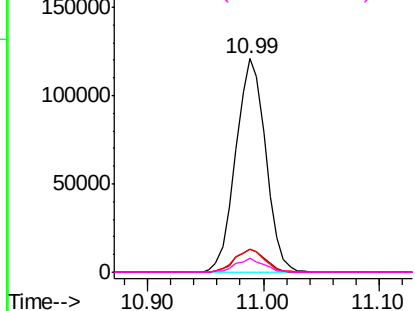
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:136	Resp:	216715
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	10.6	9.4 14.2
68	6.4	4.2 6.4#

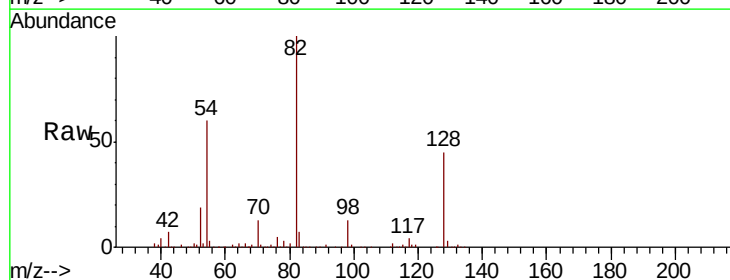


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

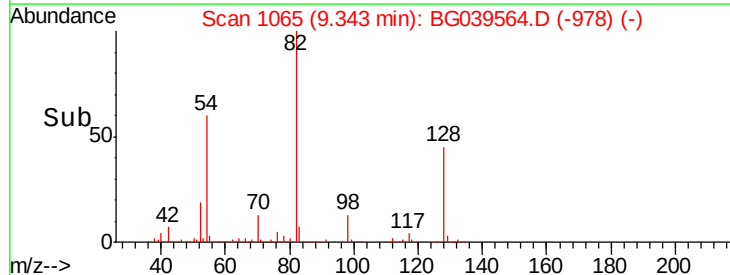
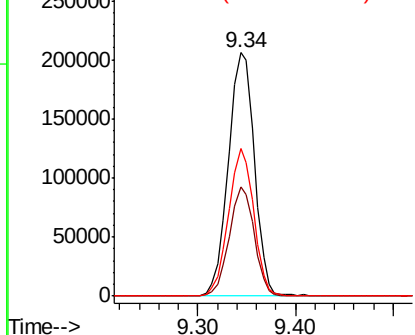


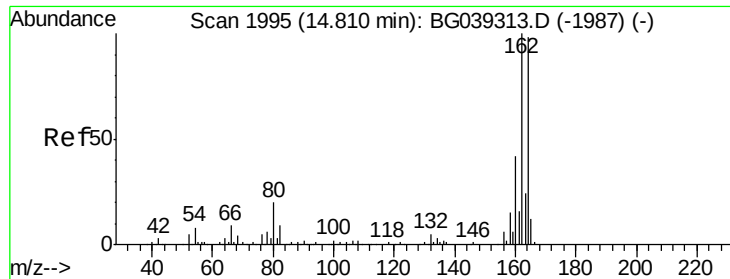
#23
Nitrobenzene-d5
Concen: 110.001 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion: 82	Resp:	381596
Ion	Ratio	Lower Upper
82	100	
128	45.0	31.3 46.9
54	60.4	50.9 76.3



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

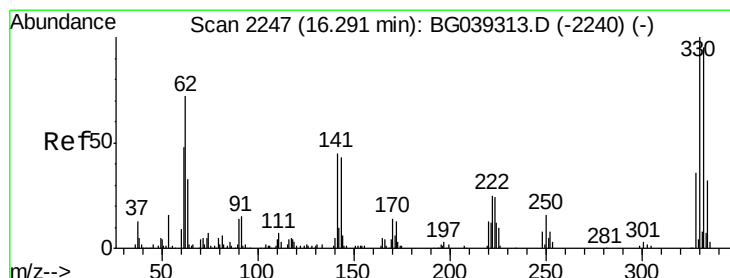
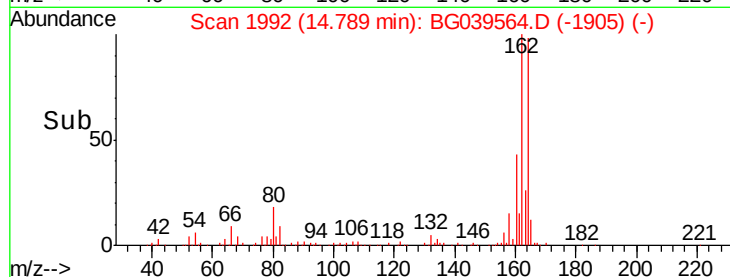
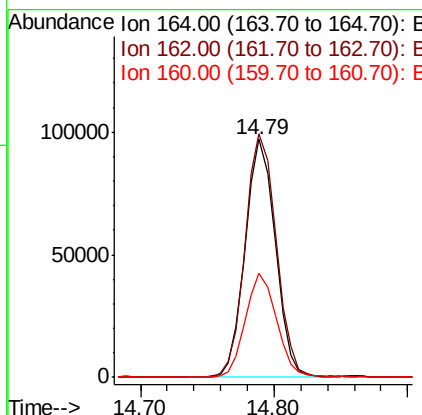
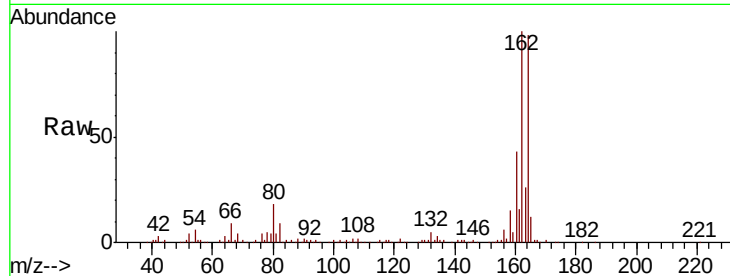




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

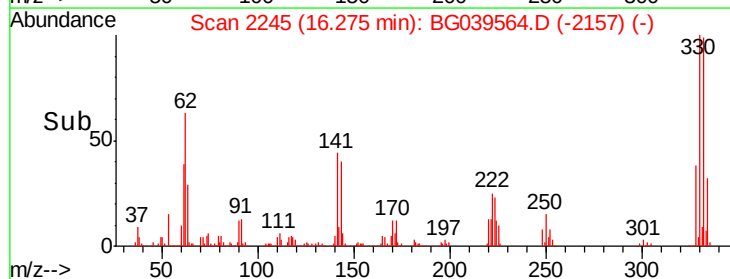
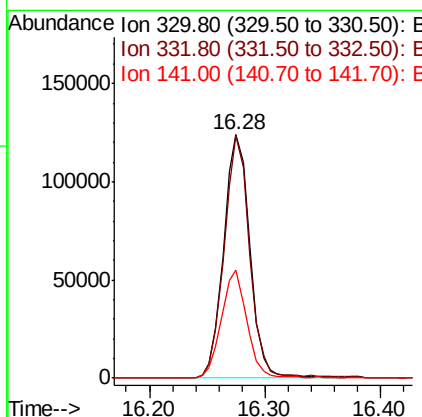
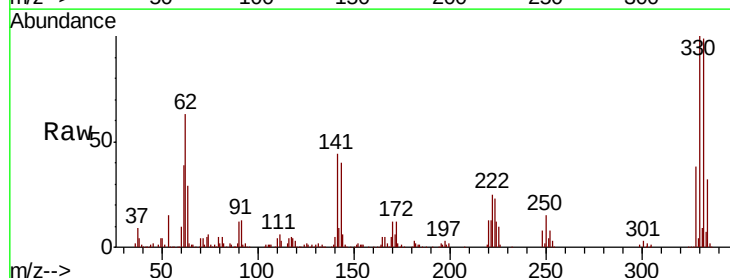
Instrument :
BNA_G
ClientSampleId :
MW-3

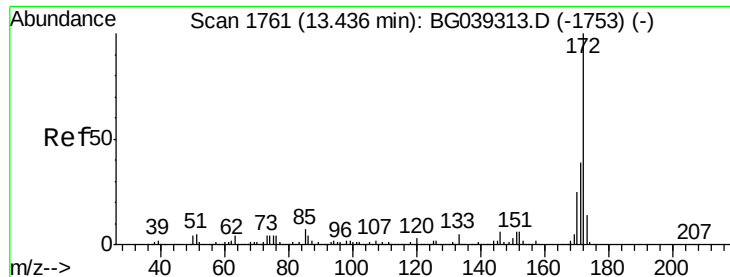
Tot Ion:164 Resp: 151909
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 43.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 119.525 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:330 Resp: 195519
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 42.4 35.6 53.4

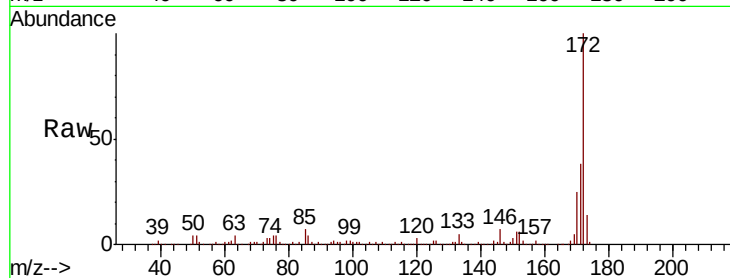




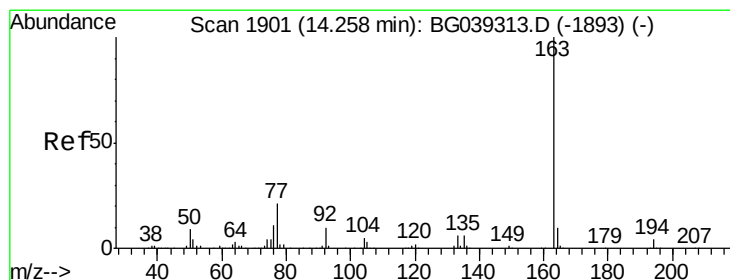
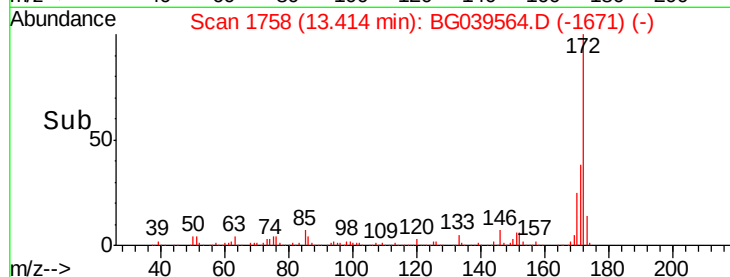
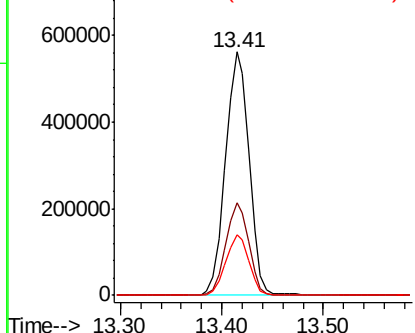
#45
2-Fluorobiphenyl
Concen: 85.751 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:172 Resp: 908049
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 24.9 20.2 30.4

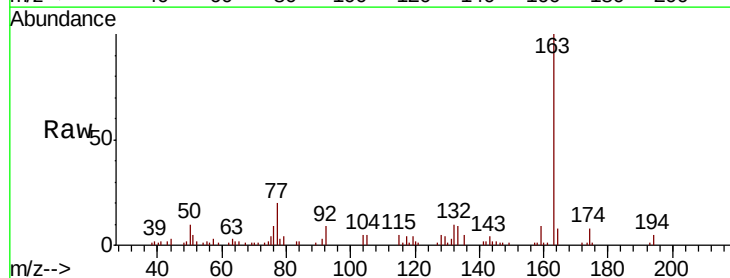


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

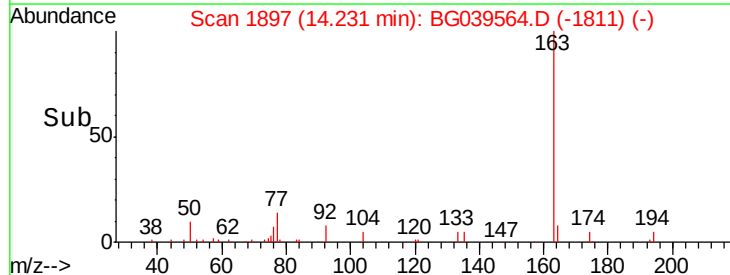
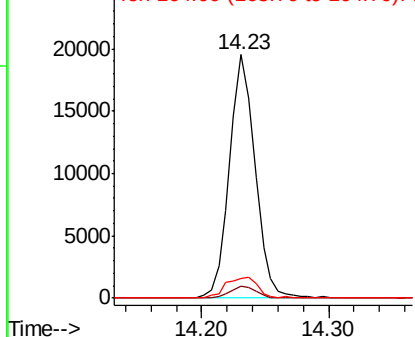


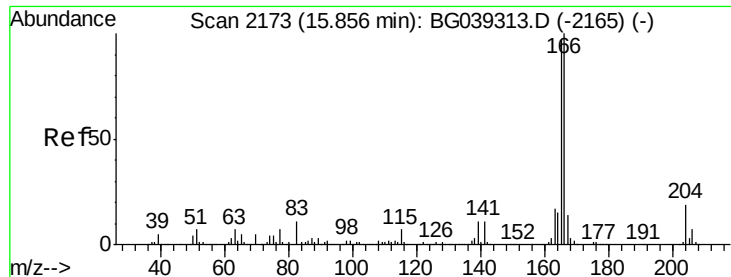
#50
Dimethylphthalate
Concen: 2.236 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:163 Resp: 27433
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 7.9 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

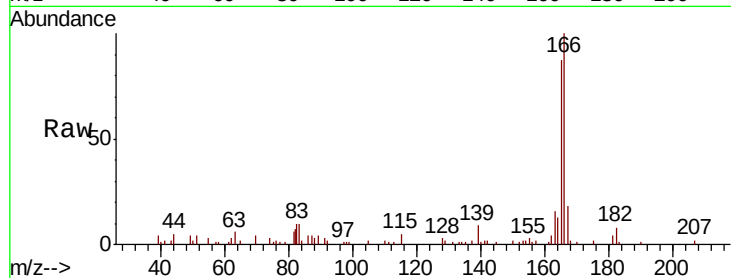




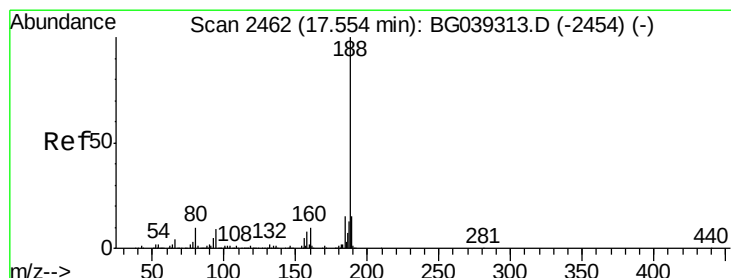
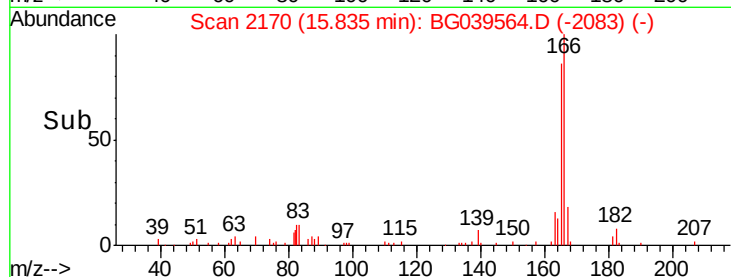
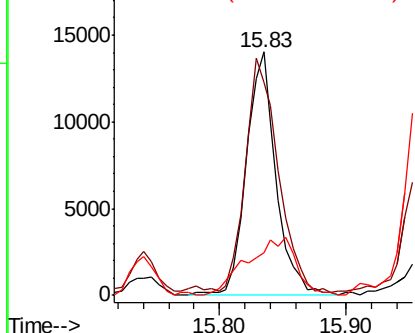
#58
 Fluorene
 Concen: 2.051 ng
 RT: 15.83 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039564.D
 Acq: 19 Feb 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:166 Resp: 22835
 Ion Ratio Lower Upper
 166 100
 165 87.3 77.9 116.9
 167 17.8 10.8 16.2#

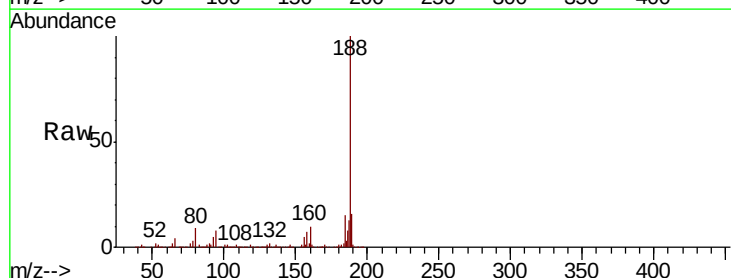


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

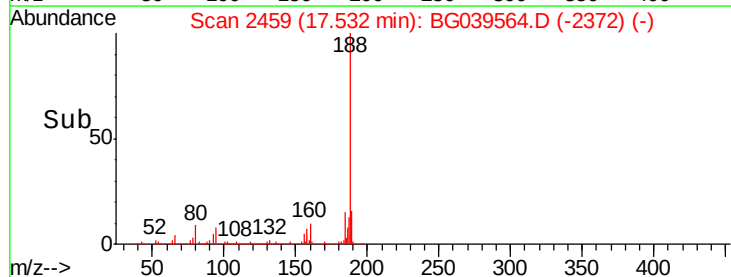
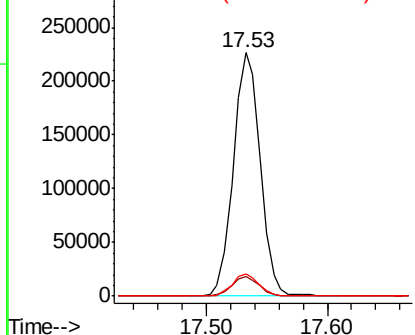


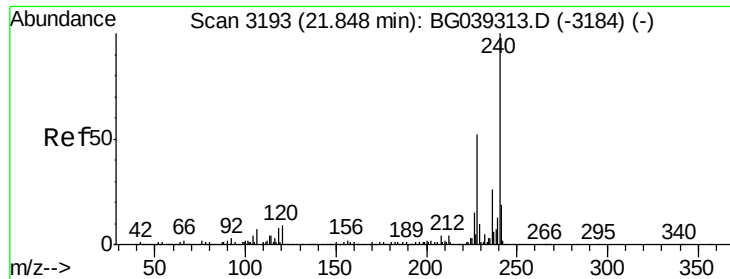
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BG039564.D
 Acq: 19 Feb 2019 21:02

Tgt Ion:188 Resp: 350346
 Ion Ratio Lower Upper
 188 100
 94 8.1 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): BGC
 Ion 80.00 (79.70 to 80.70): BGC

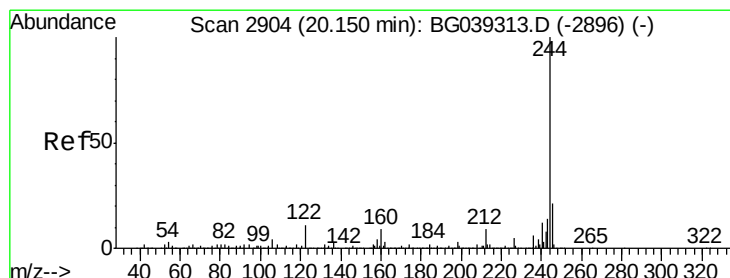
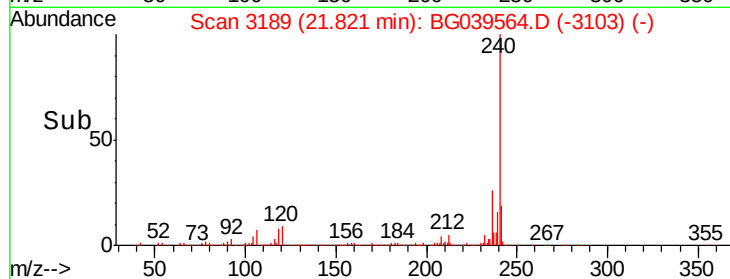
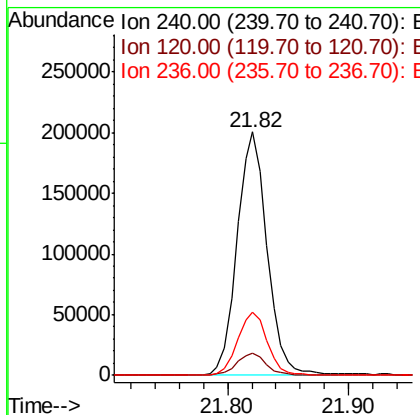
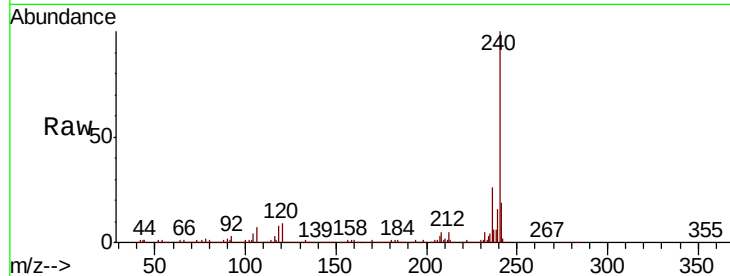




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

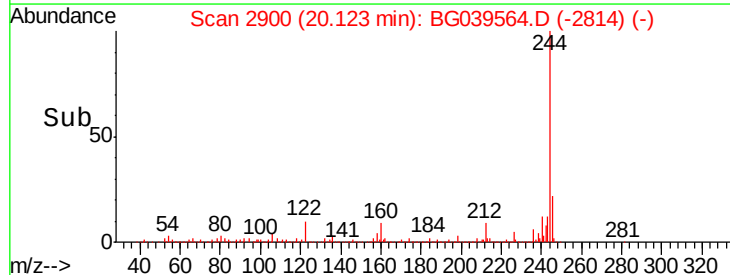
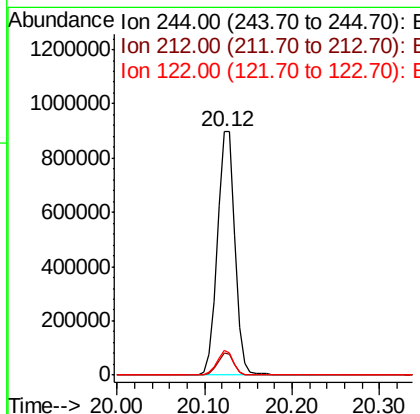
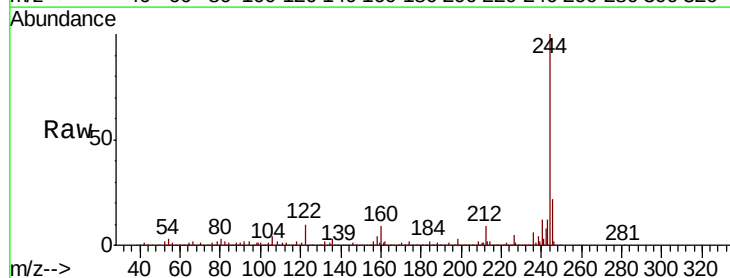
Instrument :
BNA_G
ClientSampled :
MW-3

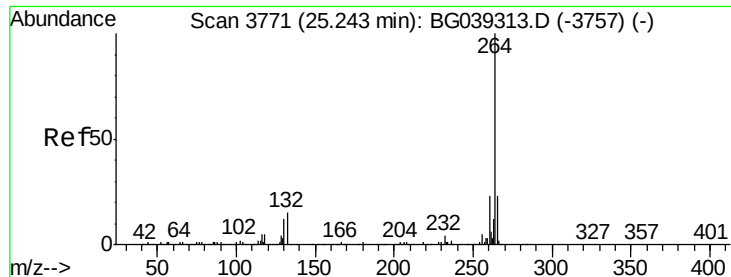
Tot Ion:240 Resp: 347087
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 76.801 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:244 Resp: 1259349
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 10.2 8.4 12.6

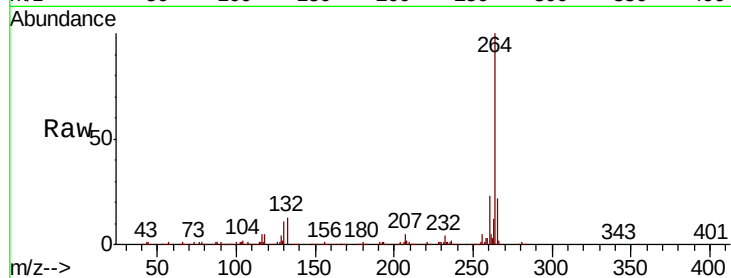




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:	264	Resp:	338016
Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

