

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039390.D
 Acq On : 7 Feb 2019 20:18
 Operator : JU/SJ
 Sample : K1392-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Feb 09 00:11:51 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

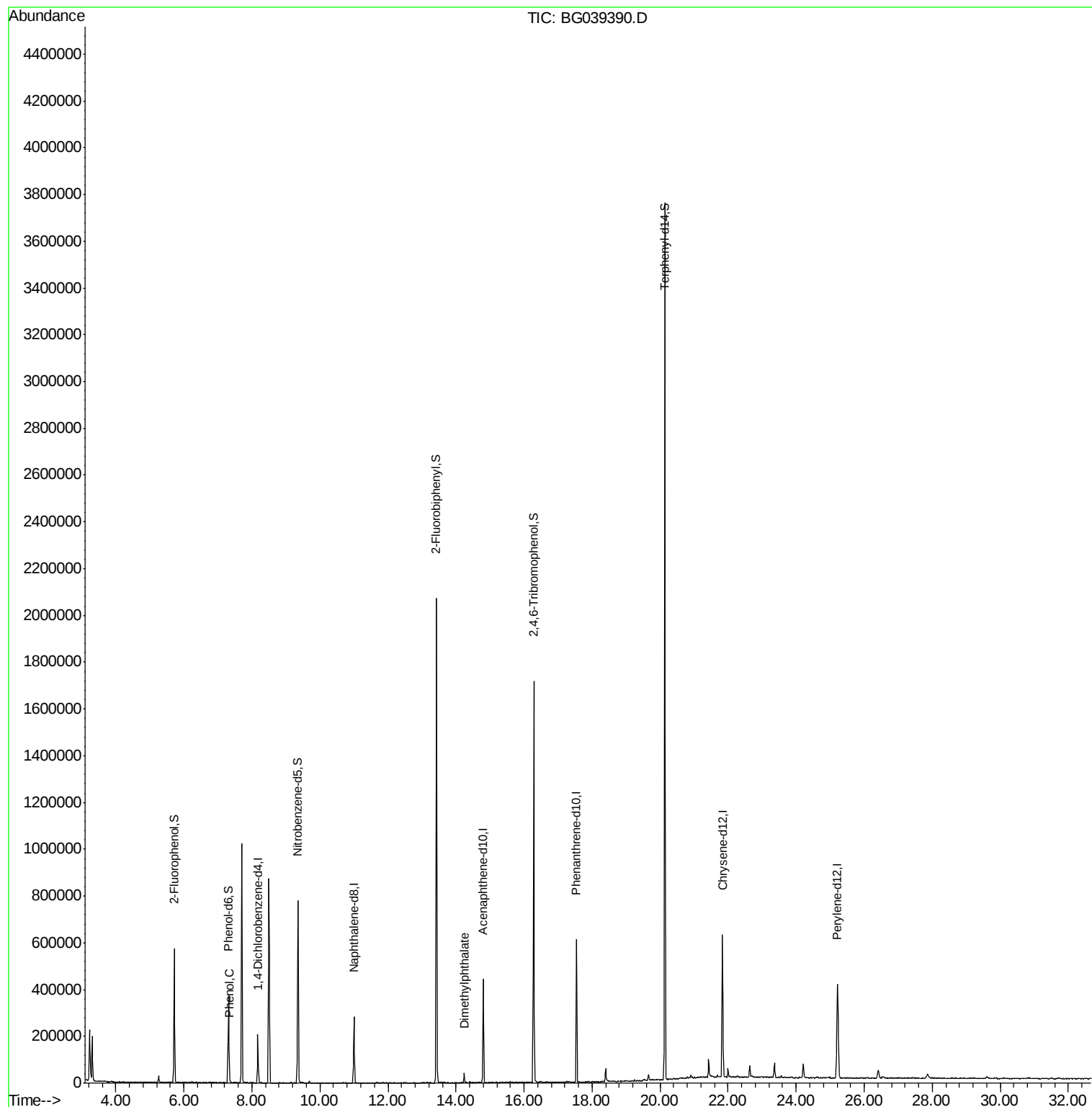
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56118	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	243922	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	159955	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	381621	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	395977	20.00	ng	-0.02
87) Perylene-d12	25.21	264	401974	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	239793	73.13	ng	0.00
7) Phenol-d6	7.31	99	216914	44.94	ng	-0.01
23) Nitrobenzene-d5	9.35	82	463573	118.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	291020	168.96	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1099371	98.60	ng	0.00
79) Terphenyl-d14	20.14	244	1660183	88.74	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	15074	2.996	ng	91
50) Dimethylphthalate	14.25	163	28102	2.175	ng	# 96

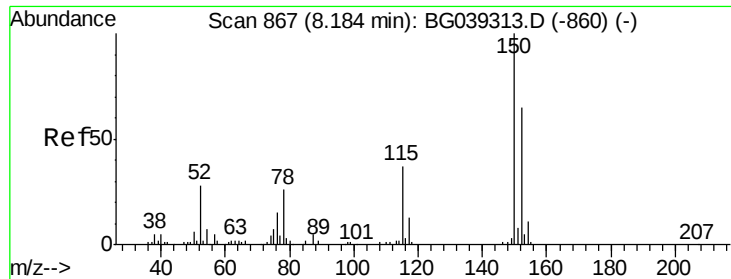
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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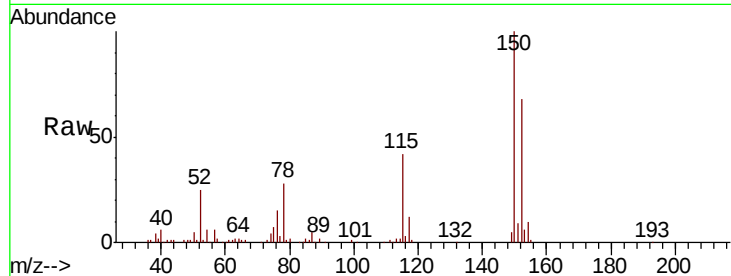


#1

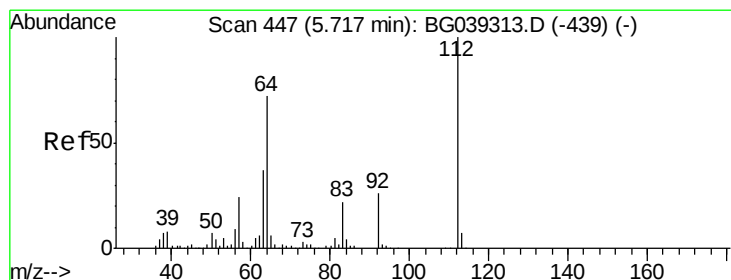
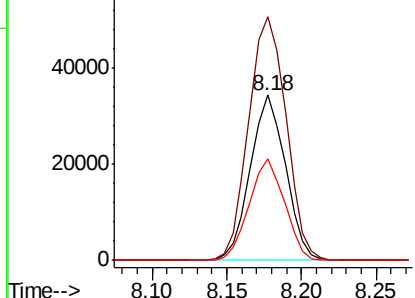
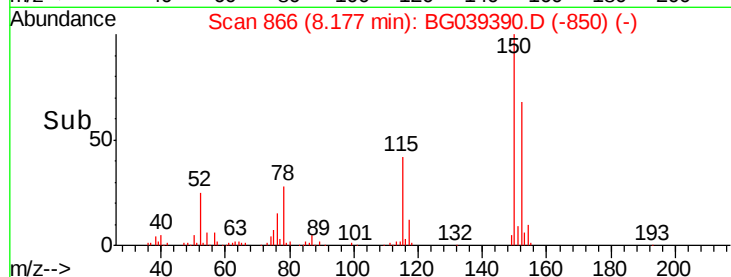
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion:152 Resp: 56118
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 61.7 45.9 68.9



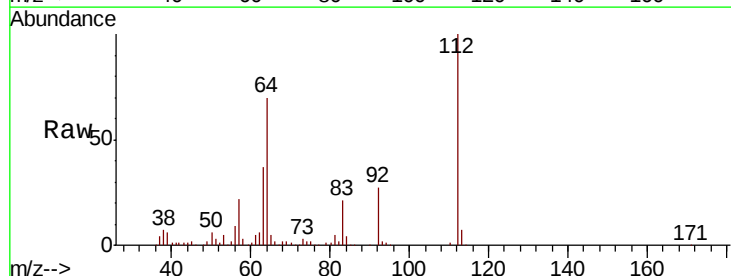
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



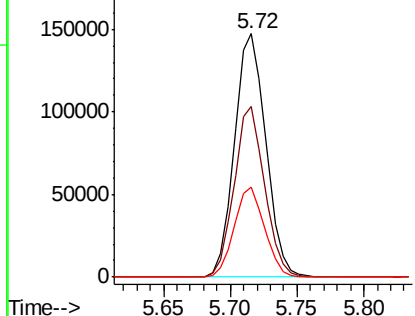
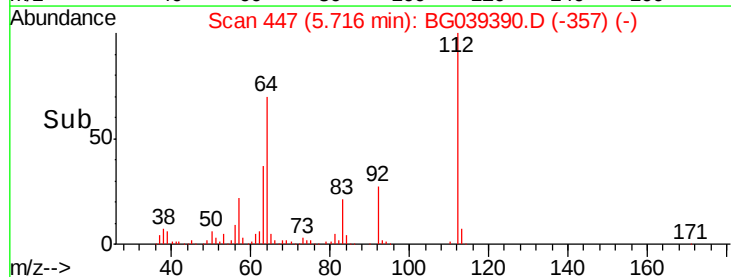
#5

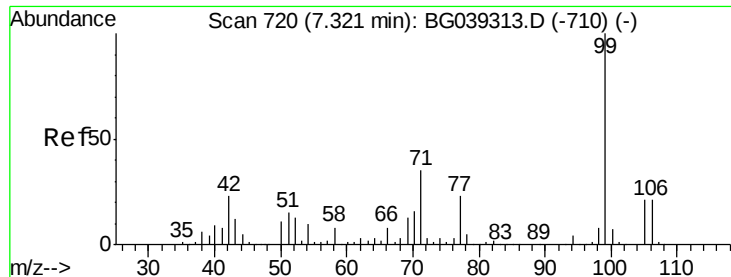
2-Fluorophenol
Concen: 73.133 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:112 Resp: 239793
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.8
63 36.8 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: 44.943 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

Instrument :

BNA_G

ClientSampleId :

MW-8

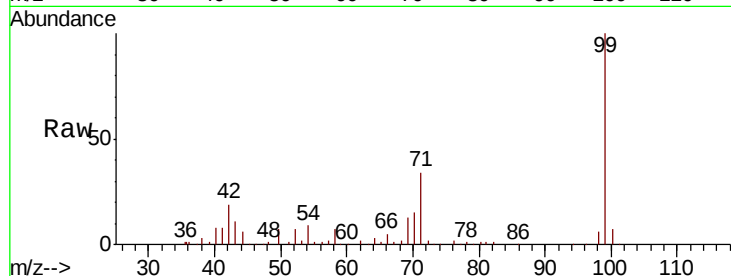
Tot Ion: 99 Resp: 216914

Ion Ratio Lower Upper

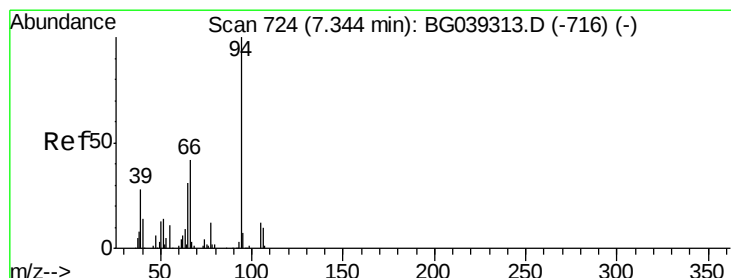
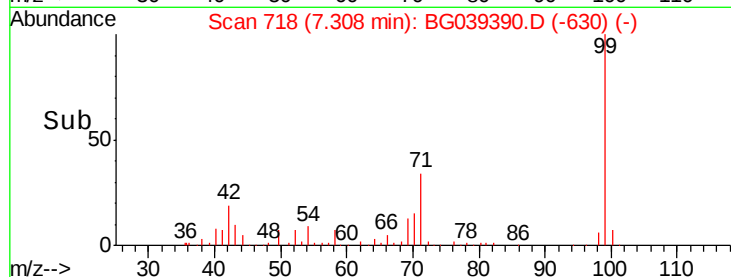
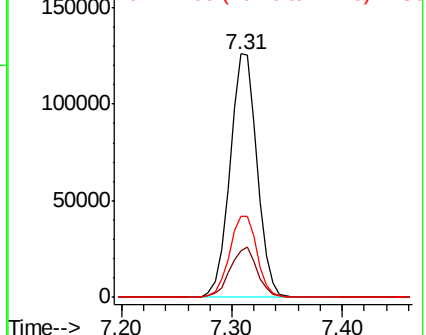
99 100

42 18.9 18.2 27.2

71 33.5 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: 2.996 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

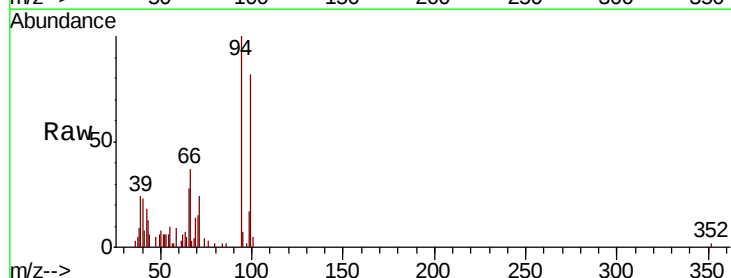
Tgt Ion: 94 Resp: 15074

Ion Ratio Lower Upper

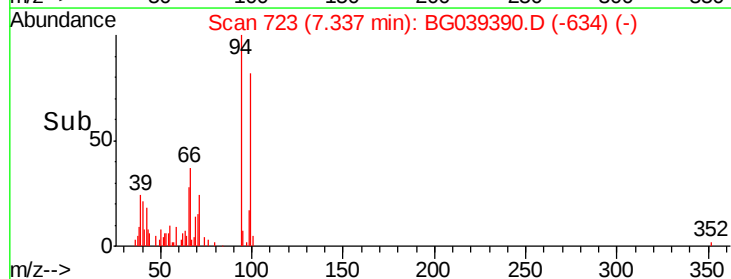
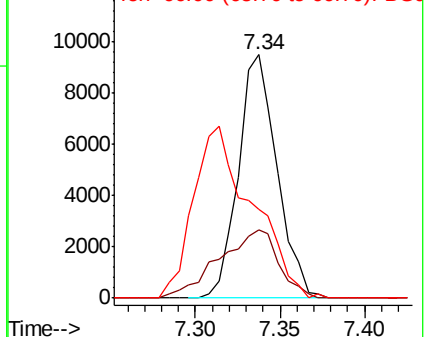
94 100

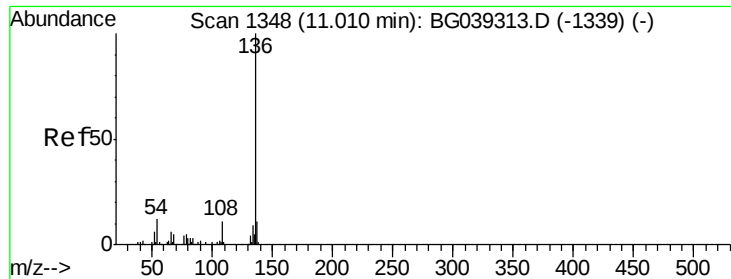
65 28.3 11.7 51.7

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

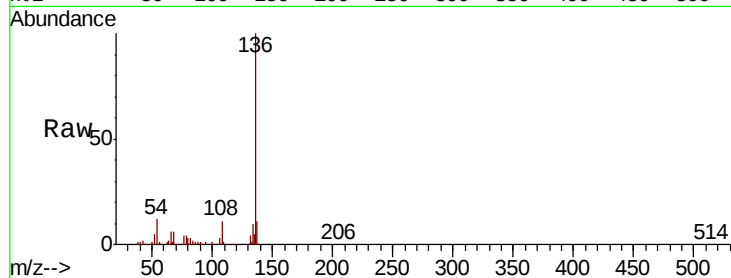




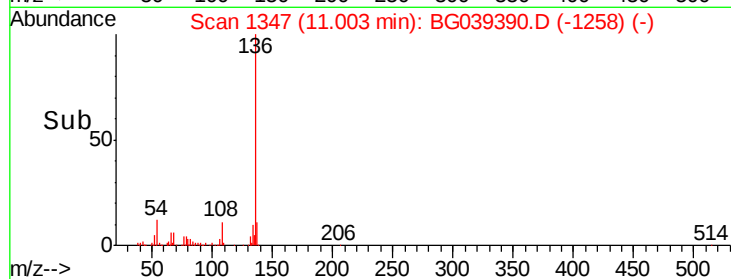
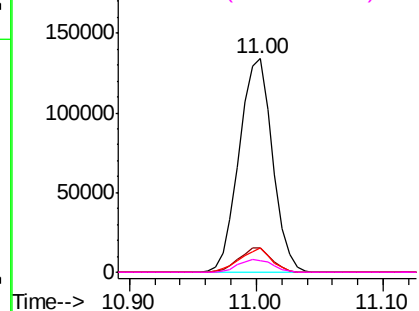
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion:136	Resp:	243922	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 11.7	9.4	14.2	
68 5.5	4.2	6.4	

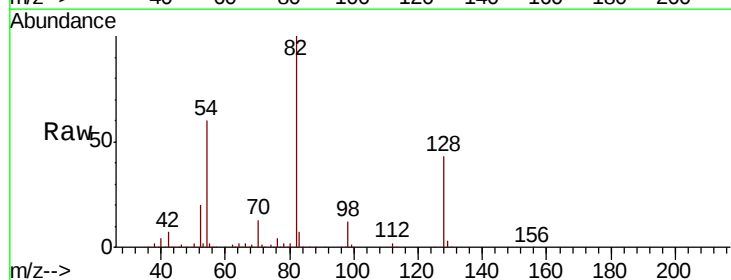


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

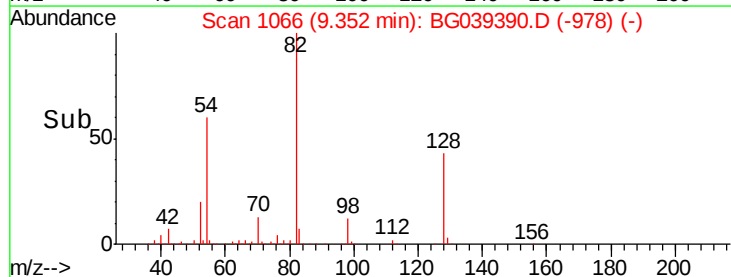
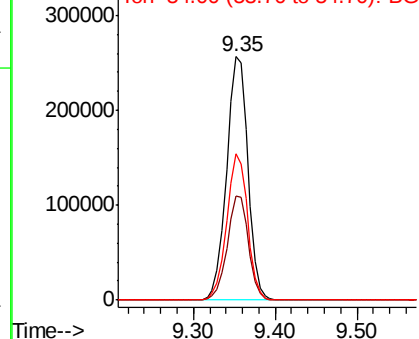


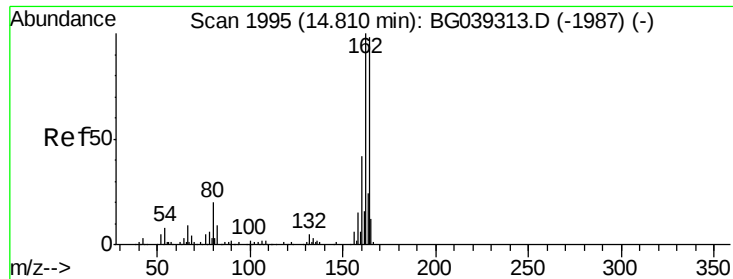
#23
Nitrobenzene-d5
Concen: 118.727 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt	Ion: 82	Resp:	463573
Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	60.2	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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

Instrument :

BNA_G

ClientSampleId :

MW-8

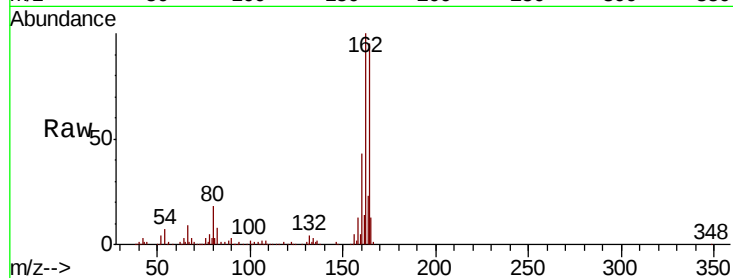
Tot Ion:164 Resp: 159955

Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

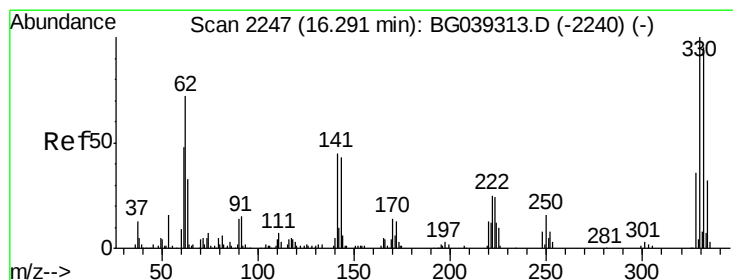
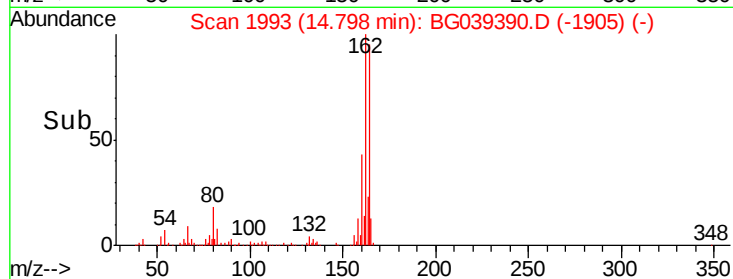
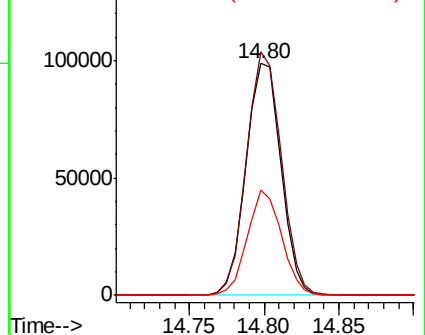
160 45.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 168.958 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

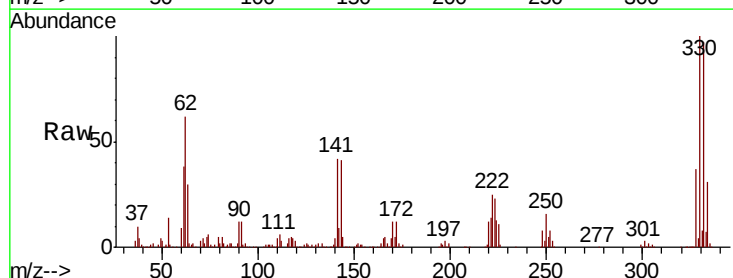
Tgt Ion:330 Resp: 291020

Ion Ratio Lower Upper

330 100

332 97.9 75.7 113.5

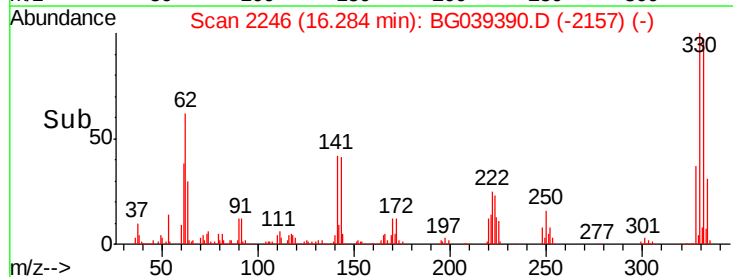
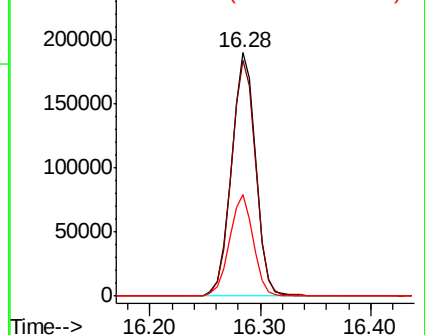
141 41.1 35.6 53.4



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

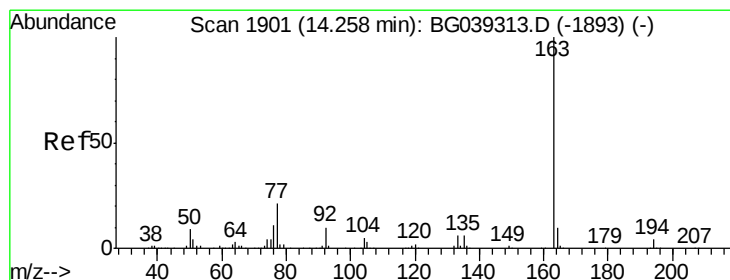
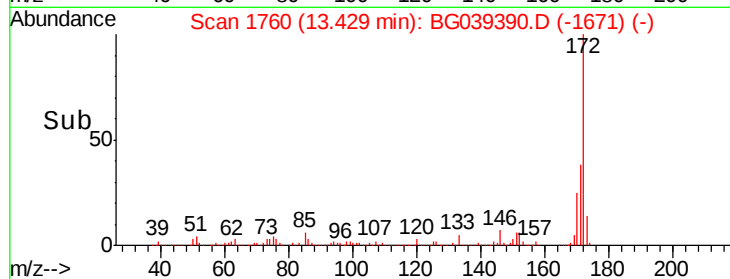
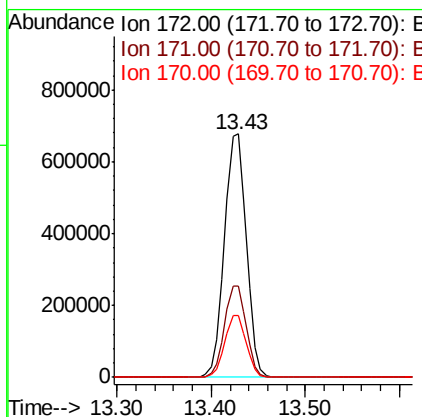
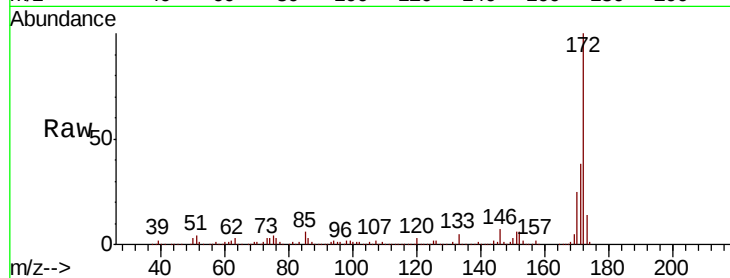




#45
2-Fluorobiphenyl
Concen: 98.597 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

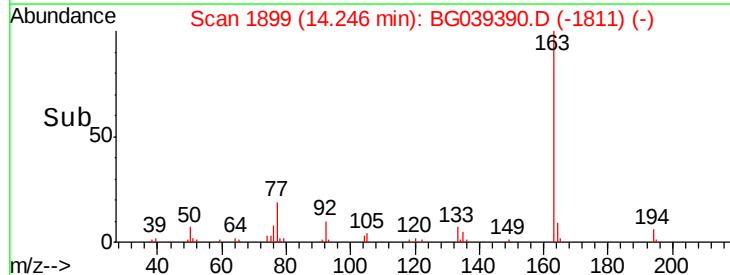
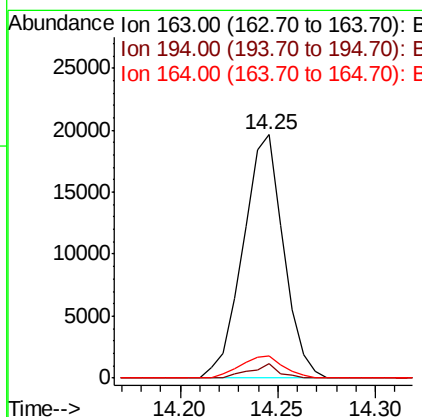
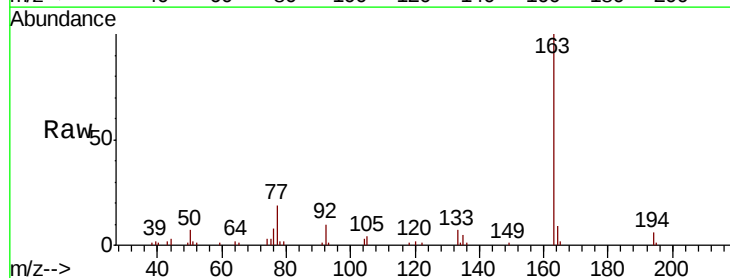
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MW-8

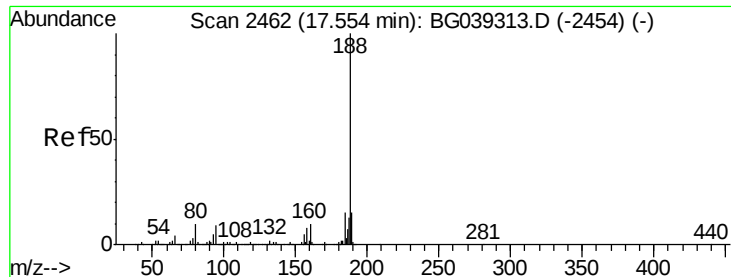
Tot Ion:172 Resp: 1099371
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 25.3 20.2 30.4



#50
Dimethylphthalate
Concen: 2.175 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:163 Resp: 28102
Ion Ratio Lower Upper
163 100
194 5.9 3.6 5.4#
164 8.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

Instrument :

BNA_G

ClientSampleId :

MW-8

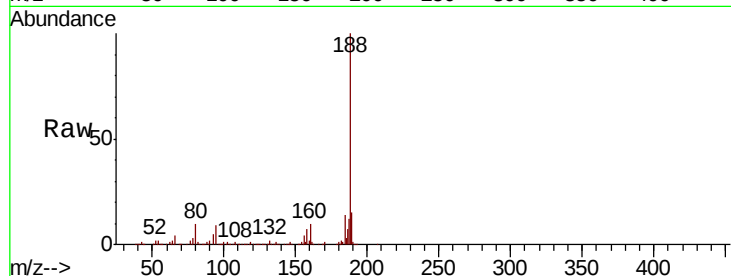
Tot Ion:188 Resp: 381621

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

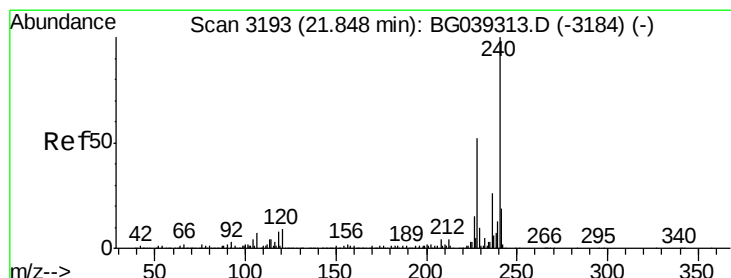
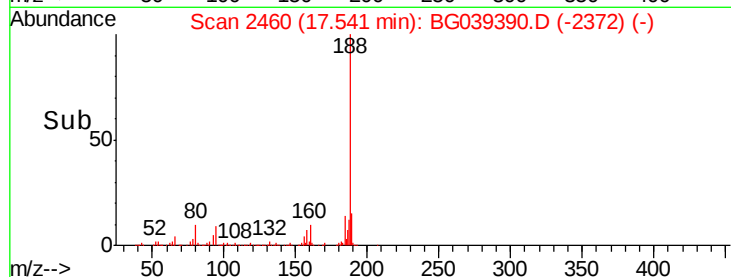
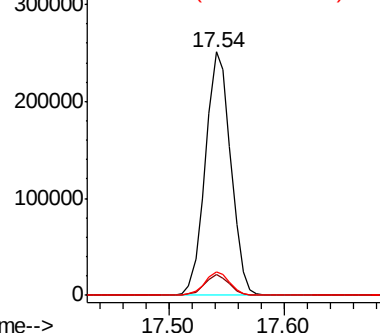
80 9.7 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

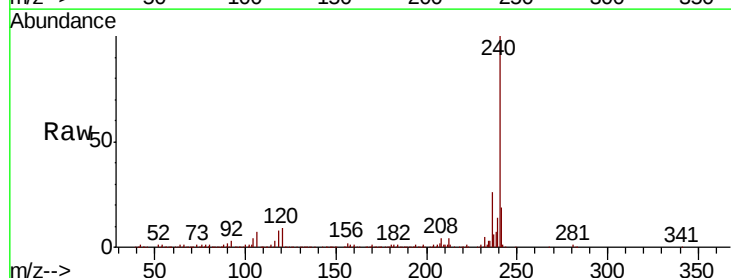
Tgt Ion:240 Resp: 395977

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

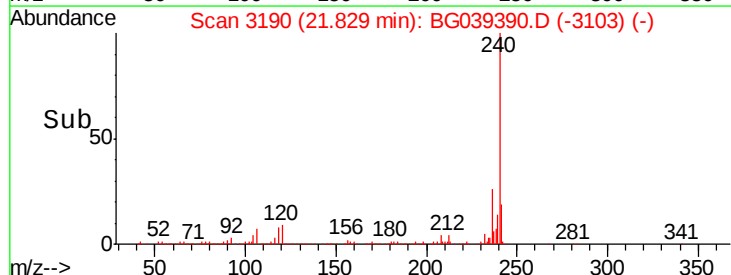
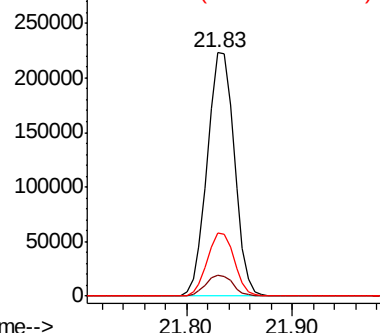
236 26.0 21.0 31.4

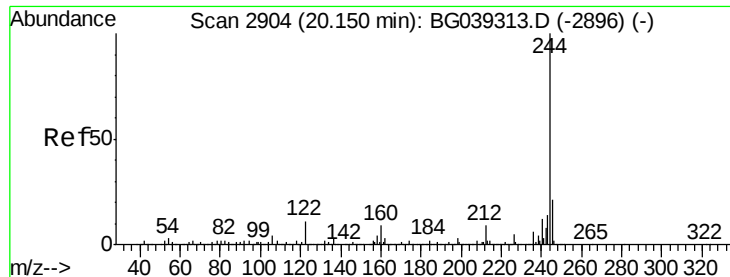


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.745 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039390.D

Acq: 7 Feb 2019 20:18

Instrument :

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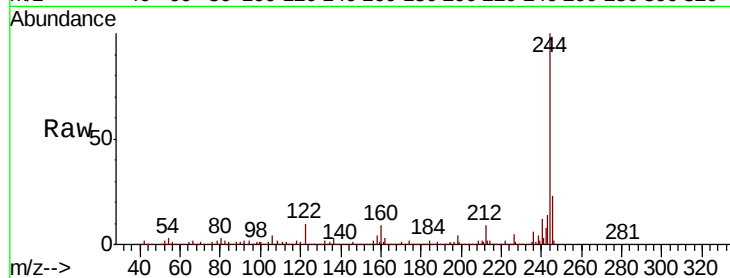
Tot Ion:244 Resp: 1660183

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

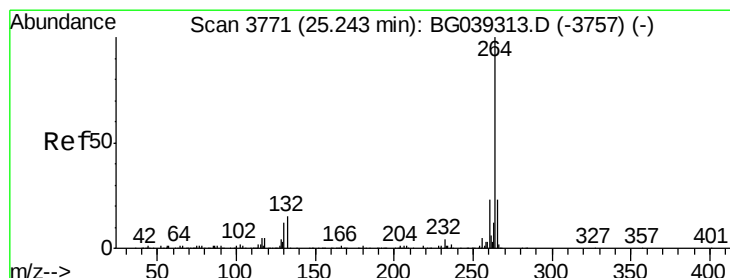
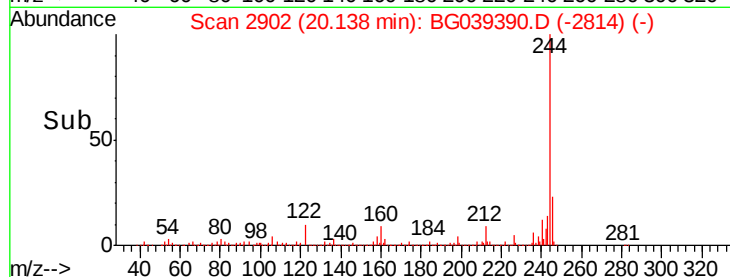
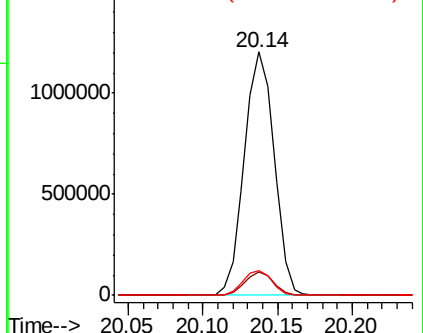
122 10.1 8.4 12.6



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: BG039390.D

Acq: 7 Feb 2019 20:18

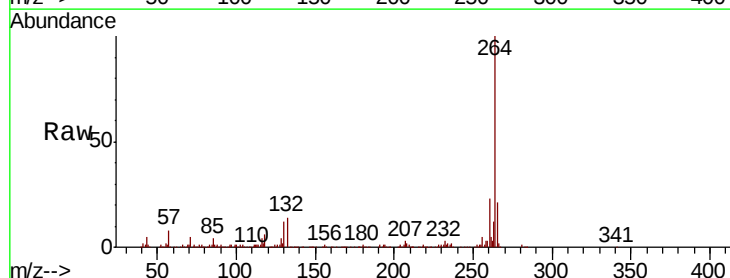
Tgt Ion:264 Resp: 401974

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.8 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

