

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039391.D
 Acq On : 7 Feb 2019 20:57
 Operator : JU/SJ
 Sample : K1392-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Feb 09 00:13:41 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	53481	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	235325	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	156751	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	365832	20.00	ng	0.00
76) Chrysene-d12	21.83	240	385847	20.00	ng	-0.01
87) Perylene-d12	25.22	264	395360	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	221892	71.01	ng	0.00
7) Phenol-d6	7.31	99	195234	42.45	ng	0.00
23) Nitrobenzene-d5	9.35	82	447301	118.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	272726	161.57	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1062556	97.24	ng	0.00
79) Terphenyl-d14	20.14	244	1593209	87.40	ng	-0.01

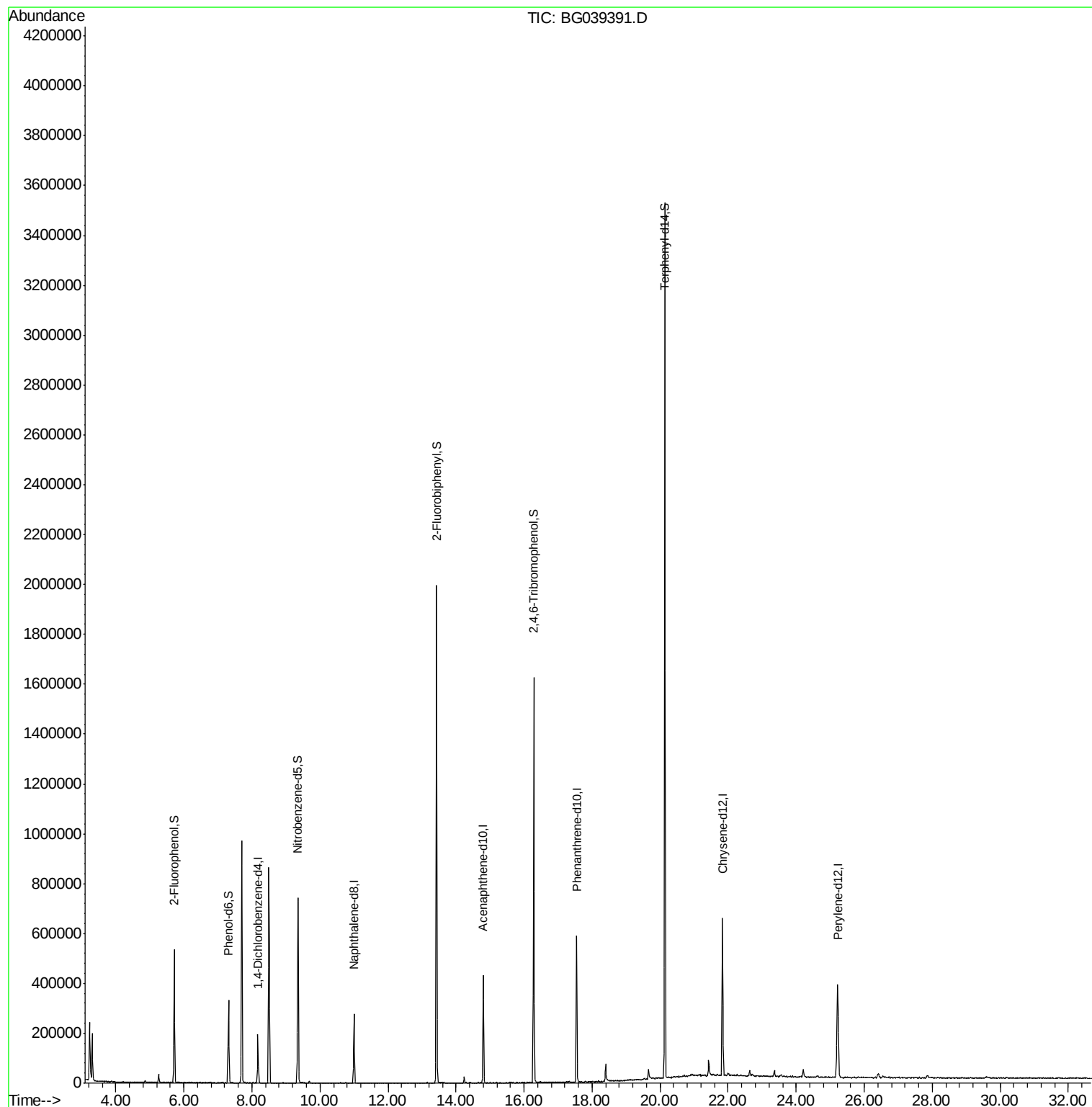
Target Compounds Qvalue

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

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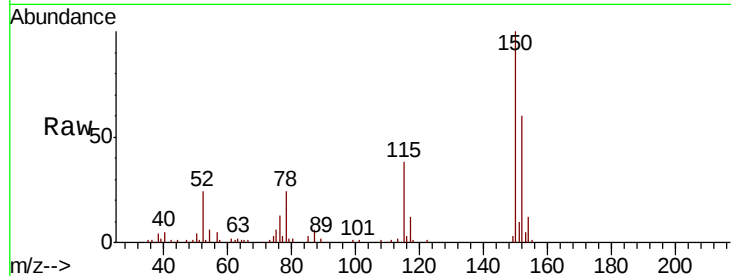


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039391.D
Acq: 7 Feb 2019 20:57

Instrument :
BNA_G
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.1	123.7	185.5
115	63.4	45.9	68.9

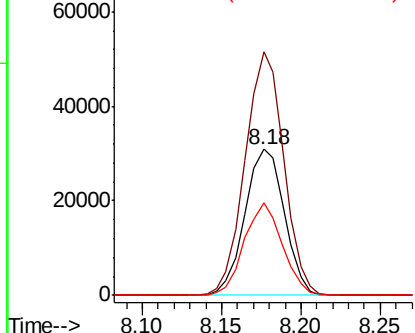
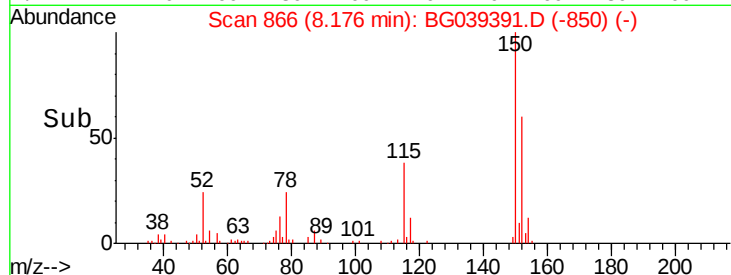


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

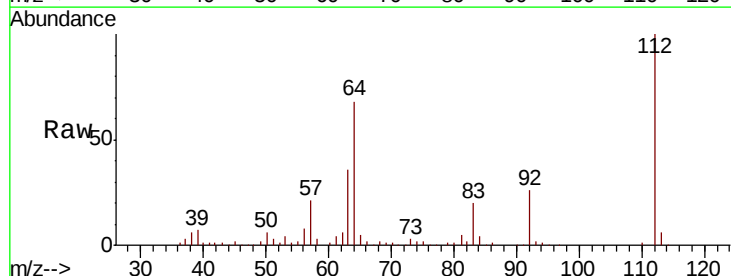
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.010 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039391.D
Acq: 7 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.8	86.8
63	35.5	29.8	44.6

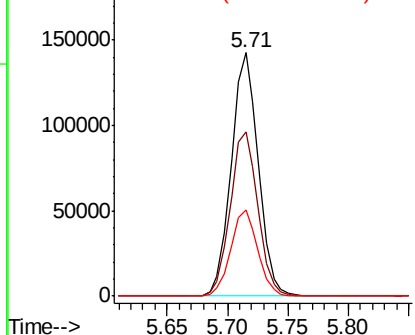
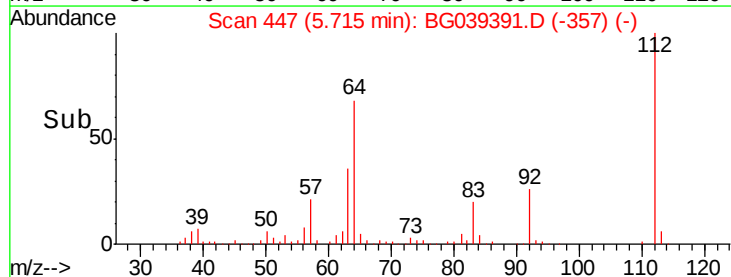


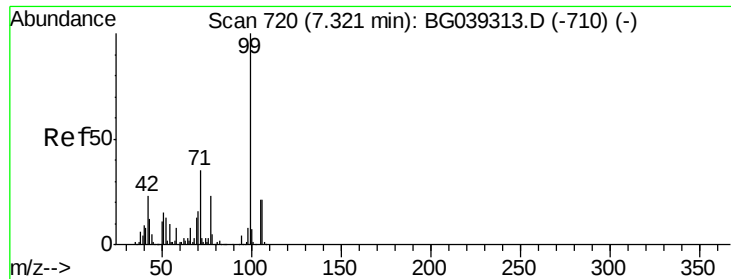
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.446 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

Instrument :

BNA_G

ClientSampleId :

MW-7

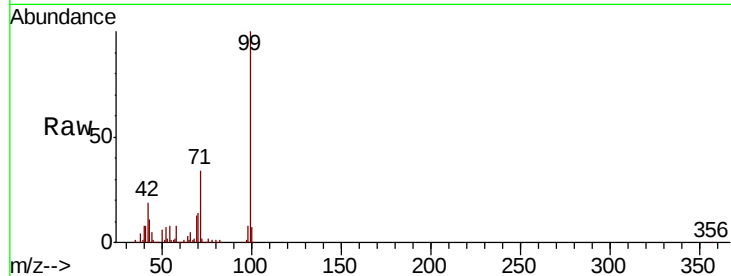
Tot Ion: 99 Resp: 195234

Ion Ratio Lower Upper

99 100

42 18.8 18.2 27.2

71 33.7 28.0 42.0

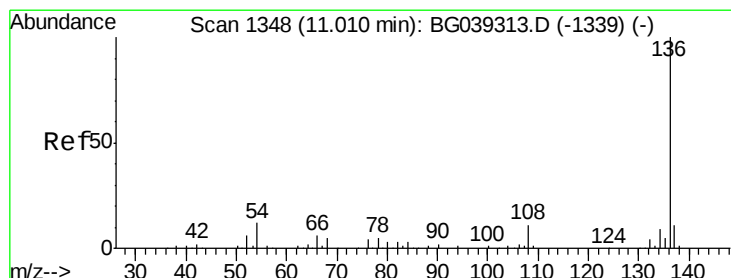
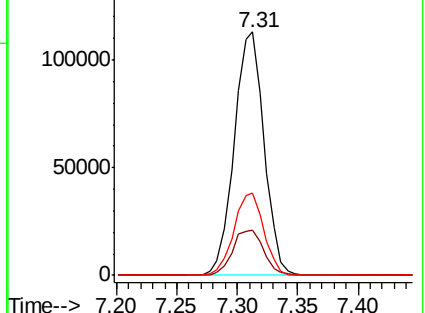
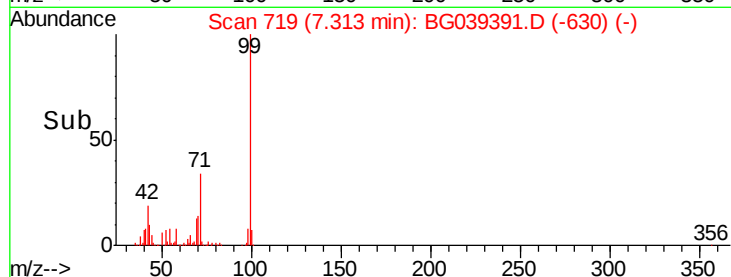


Abundance

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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

Tgt Ion: 136 Resp: 235325

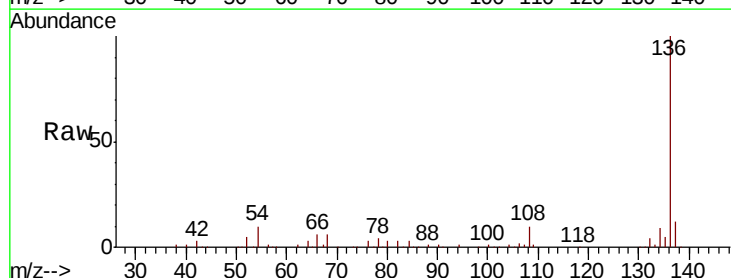
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.0 9.4 14.2

68 5.8 4.2 6.4



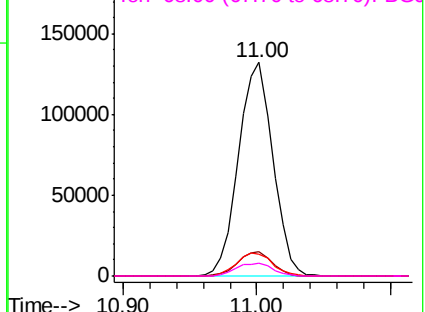
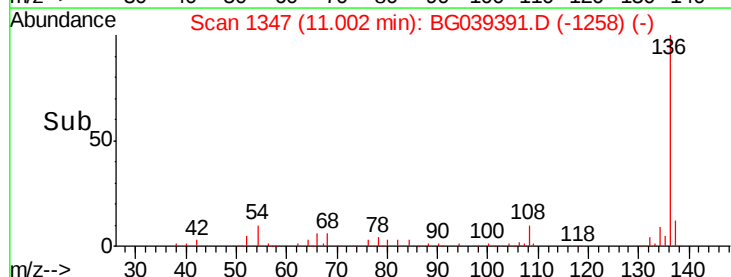
Abundance

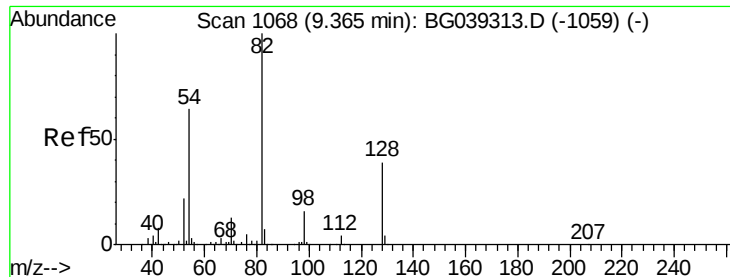
Ion 136.00 (135.70 to 136.70): BGC

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

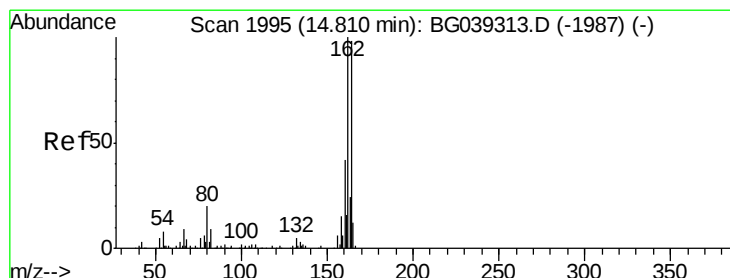
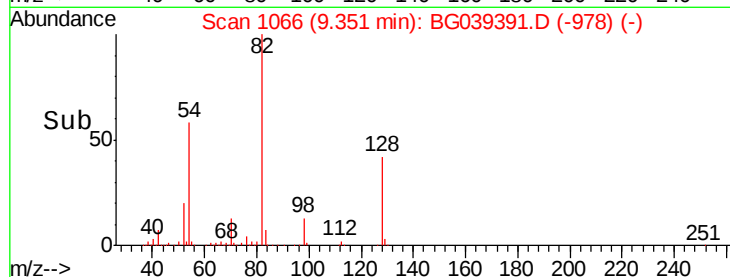
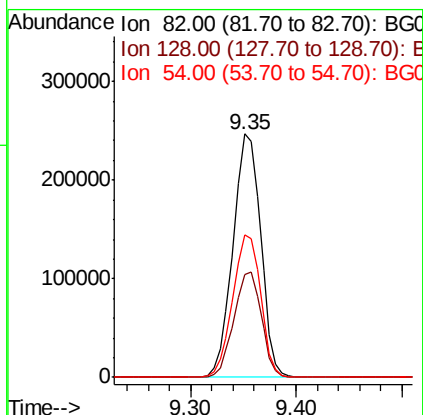
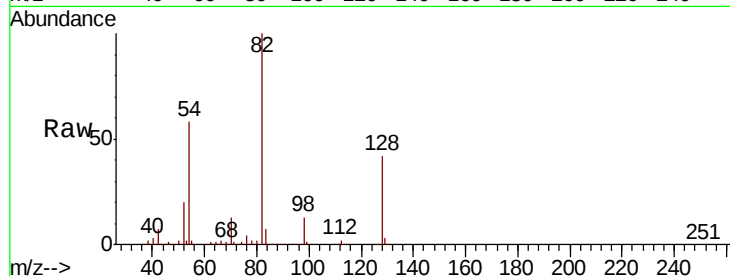




#23
 Nitrobenzene-d5
 Concen: 118.745 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039391.D
 Acq: 7 Feb 2019 20:57

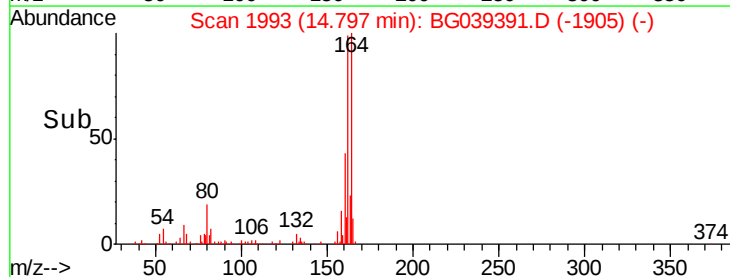
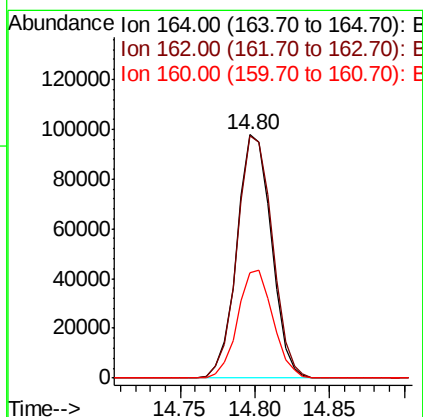
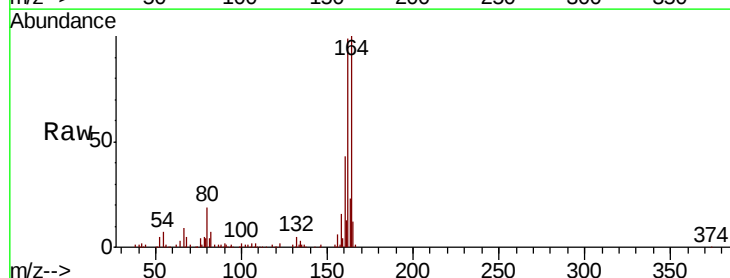
Instrument :
 BNA_G
 ClientSampleId :
 MW-7

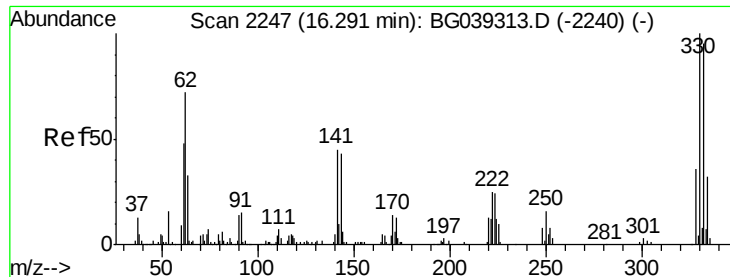
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	58.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039391.D
 Acq: 7 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.6	122.4
160	43.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 161.573 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

Instrument :

BNA_G

ClientSampled :

MW-7

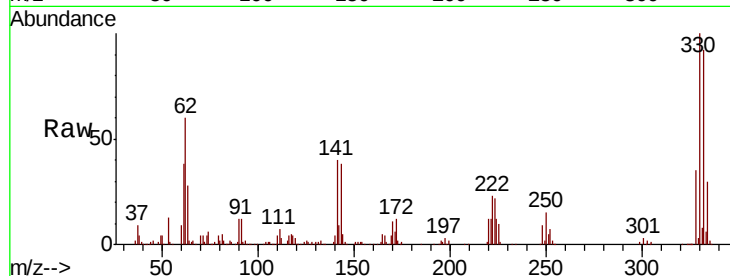
Tot Ion:330 Resp: 272726

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

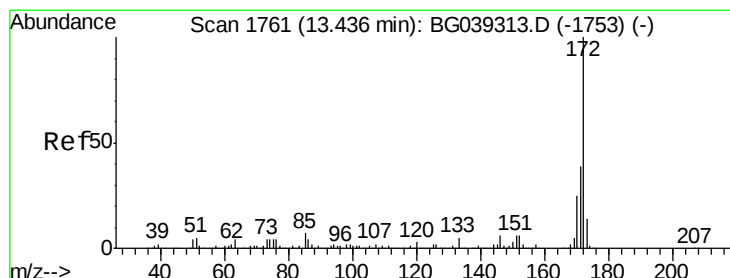
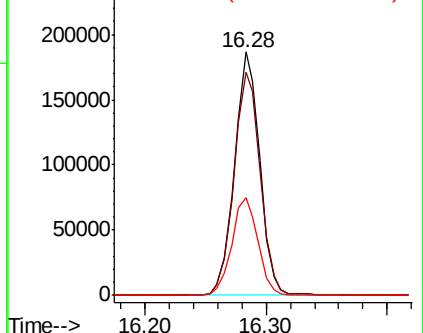
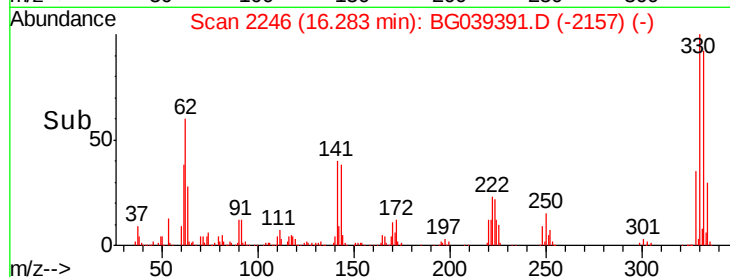
141 41.5 35.6 53.4



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: 97.243 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

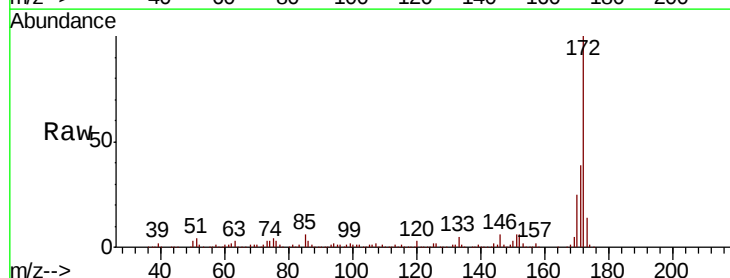
Tgt Ion:172 Resp: 1062556

Ion Ratio Lower Upper

172 100

171 38.5 30.8 46.2

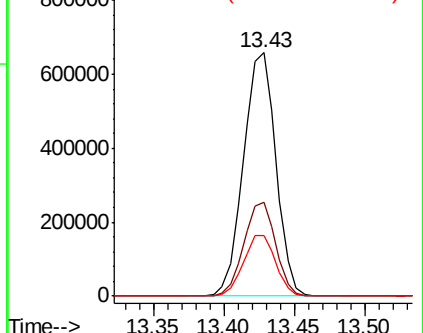
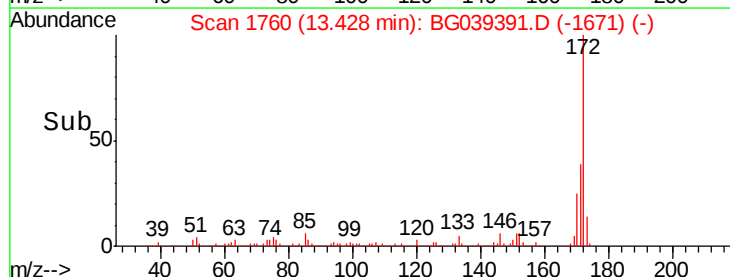
170 24.9 20.2 30.4

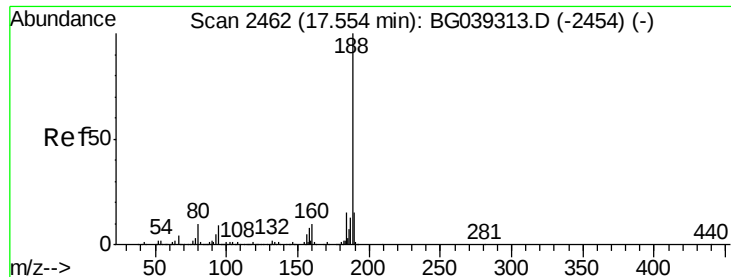


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

Instrument :

BNA_G

ClientSampleId :

MW-7

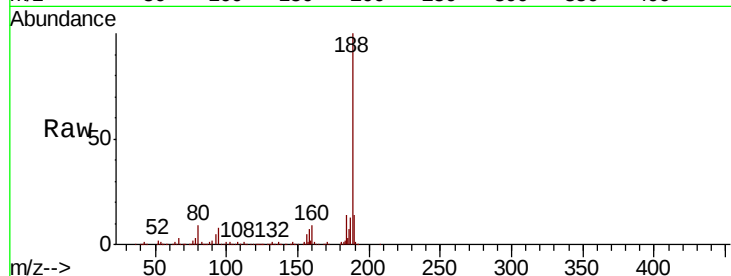
Tot Ion:188 Resp: 365832

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

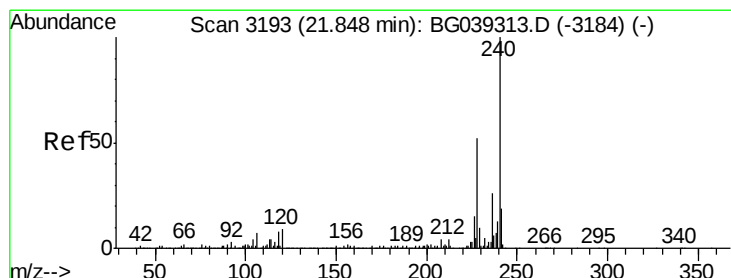
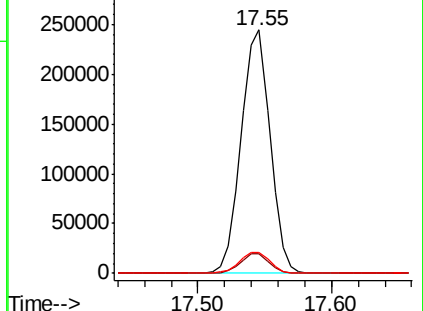
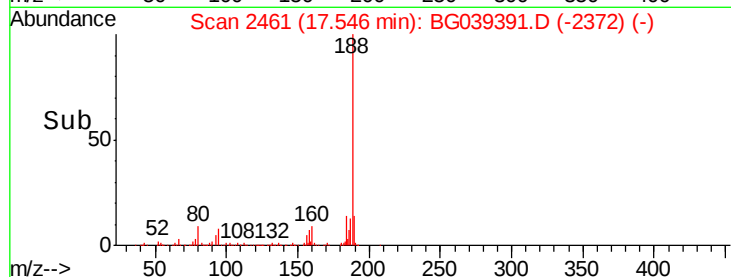
80 8.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

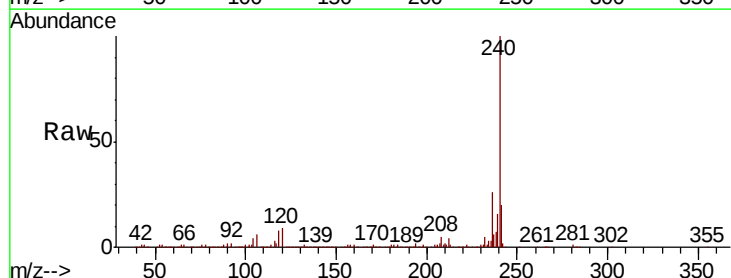
Tgt Ion:240 Resp: 385847

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

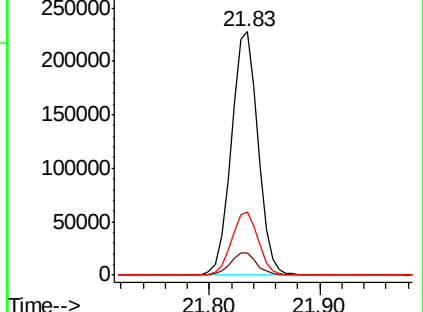
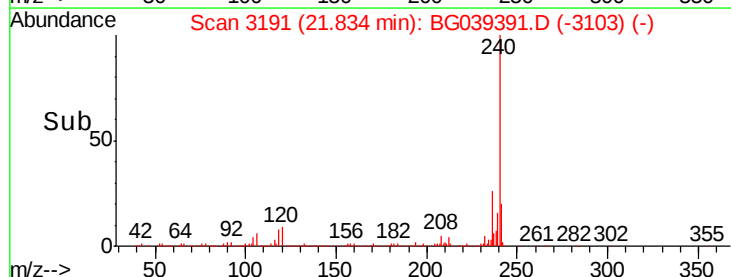
236 26.0 21.0 31.4

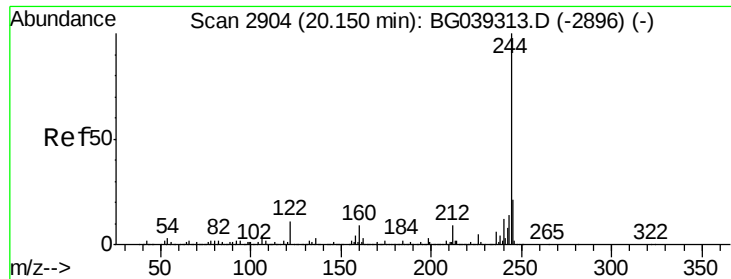


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.401 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

Instrument :

BNA_G

ClientSampled :

MW-7

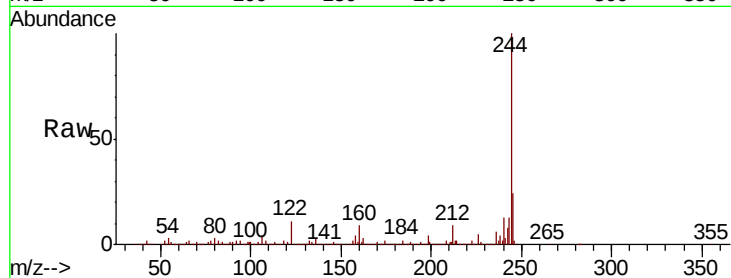
Tot Ion:244 Resp: 1593209

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

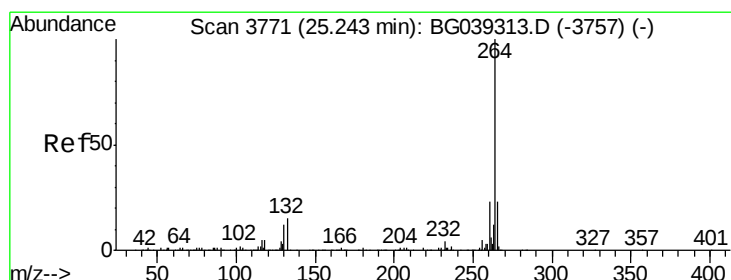
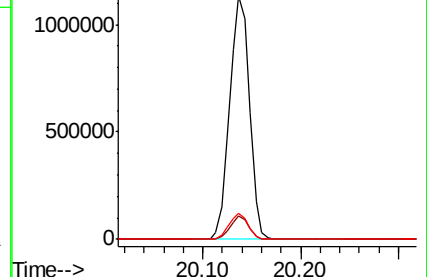
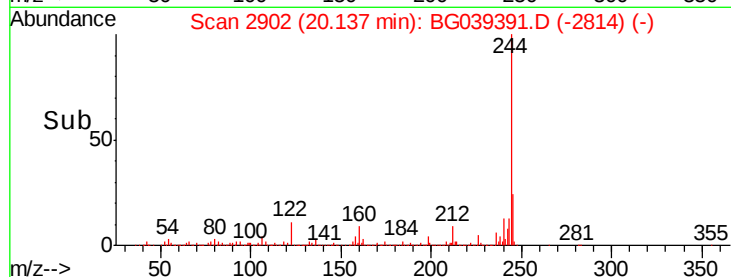
122 10.6 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039391.D

Acq: 7 Feb 2019 20:57

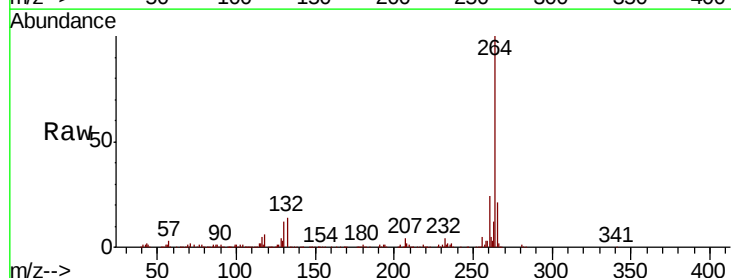
Tgt Ion:264 Resp: 395360

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.2 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

