

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011302.D
 Acq On : 18 Aug 2017 23:55
 Operator : SJ/JU
 Sample : I4879-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 6706-AA-081717

Quant Time: Aug 19 03:54:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

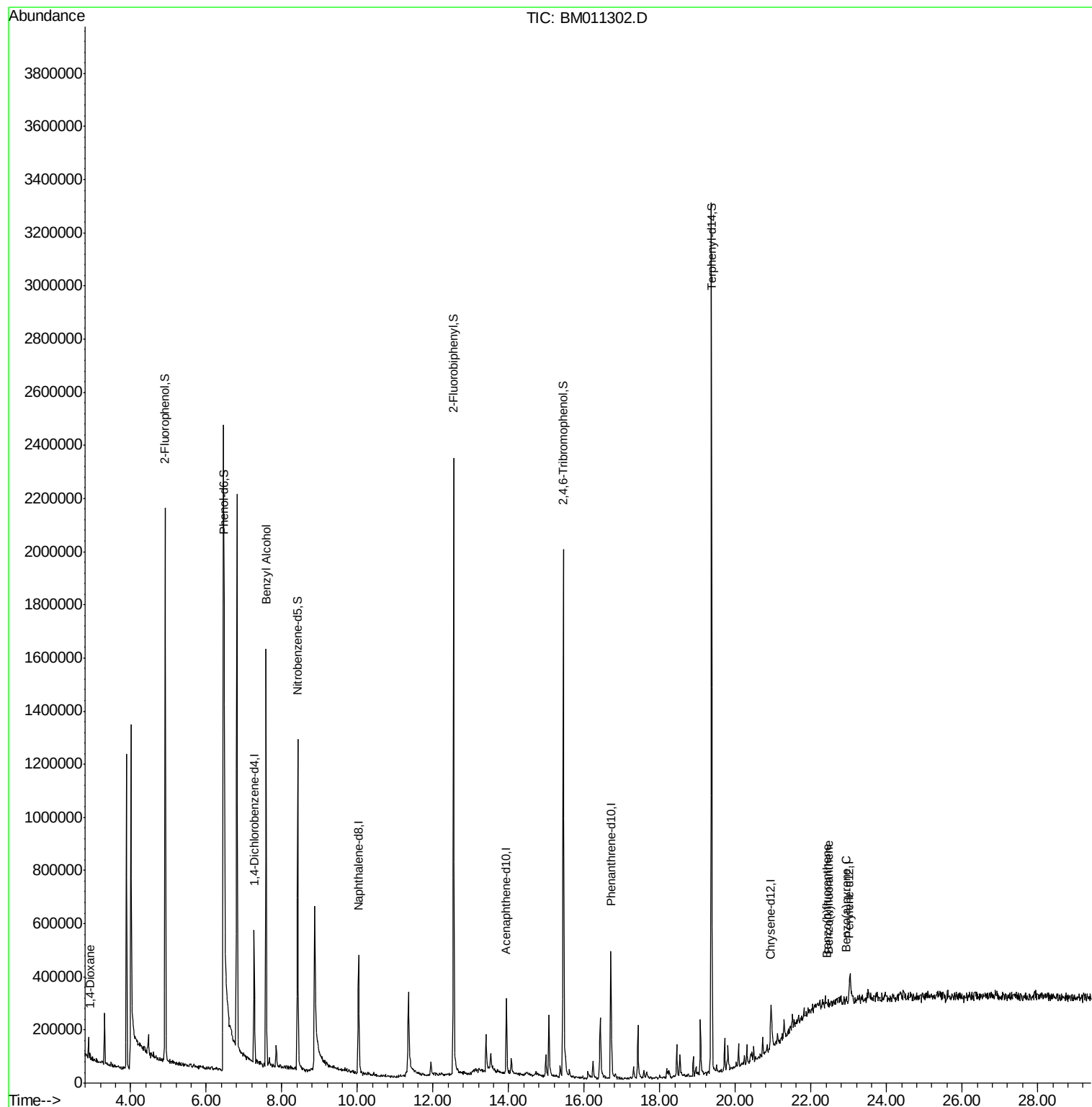
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76787	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	255842	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	66679	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	238088	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	53264	20.00	ng	-0.01
86) Perylene-d12	23.01	264	7800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	487339	107.29	ng	-0.02
7) Phenol-d6	6.47	99	372980	57.79	ng	-0.02
23) Nitrobenzene-d5	8.42	82	686477	100.71	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	248344	232.37	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	977459	183.85	ng	-0.02
78) Terphenyl-d14	19.37	244	854277	317.70	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.92	88	7845	3.85	ng	# 100
15) Benzyl Alcohol	7.58	79	14675	2.37	ng	# 55
87) Benzo(b)fluoranthene	22.42	252	1243	2.48	ng	# 9
88) Benzo(k)fluoranthene	22.46	252	2175	4.53	ng	# 65
89) Benzo(a)pyrene	22.94	252	2004	4.42	ng	# 11

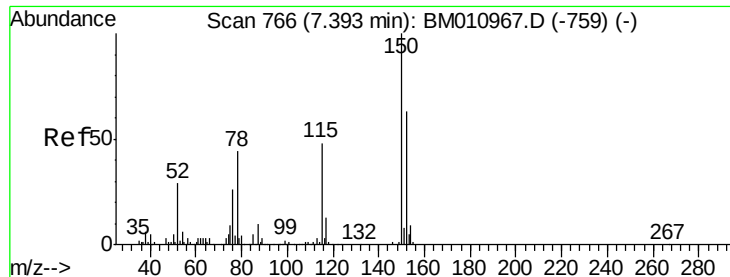
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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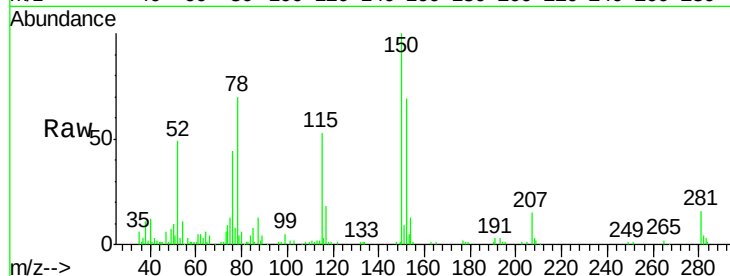


#1

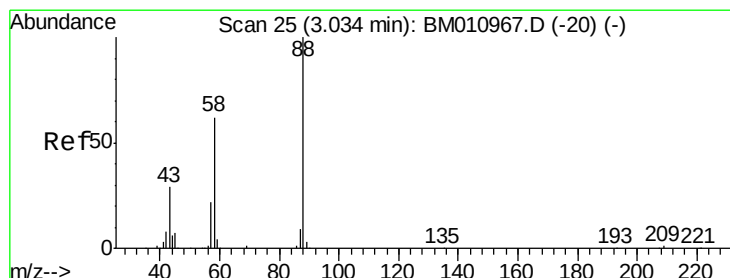
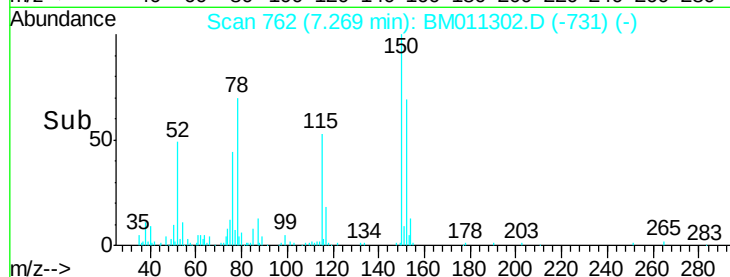
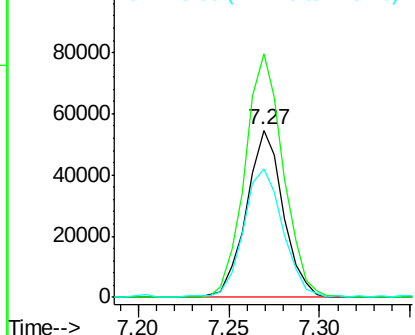
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011302.D
Acq: 18 Aug 2017 23:55

Instrument :
BNA_M
ClientSampleId :
6706-AA-081717

Tot Ion:152 Resp: 76787
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 77.2 43.0 64.4#



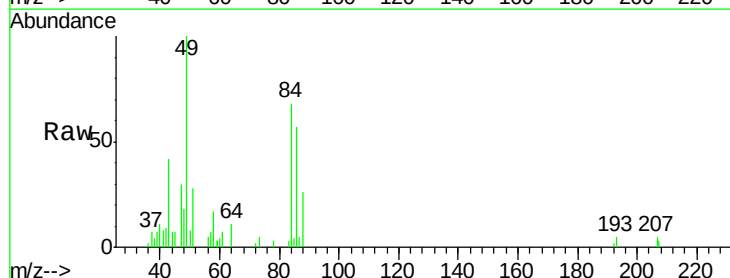
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



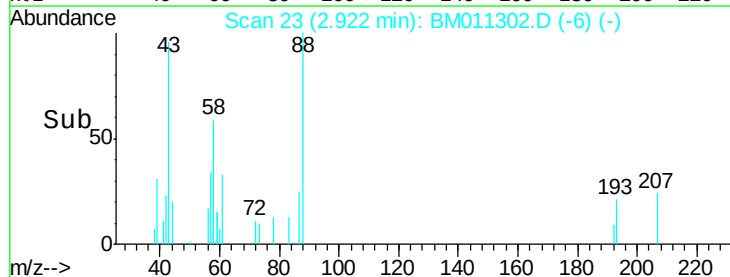
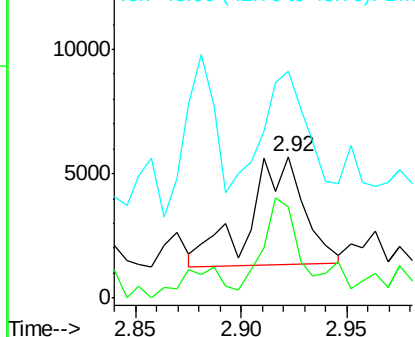
#2

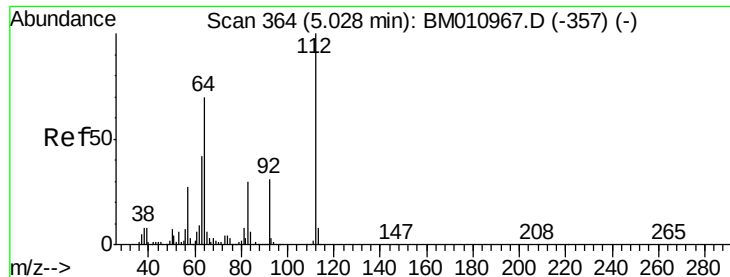
1,4-Dioxane
Concen: 3.85 ng
RT: 2.92 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM011302.D
Acq: 18 Aug 2017 23:55

Tgt Ion: 88 Resp: 7845
Ion Ratio Lower Upper
88 100
58 62.4 0.0 0.0#
43 87.5 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 107.29 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Instrument :

BNA_M

ClientSampleId :

6706-AA-081717

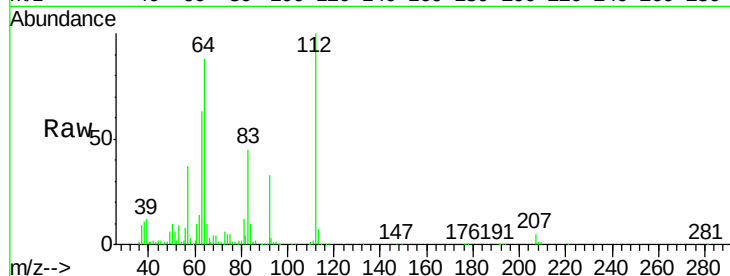
Tot Ion:112 Resp: 487339

Ion Ratio Lower Upper

112 100

64 87.9 38.6 57.8#

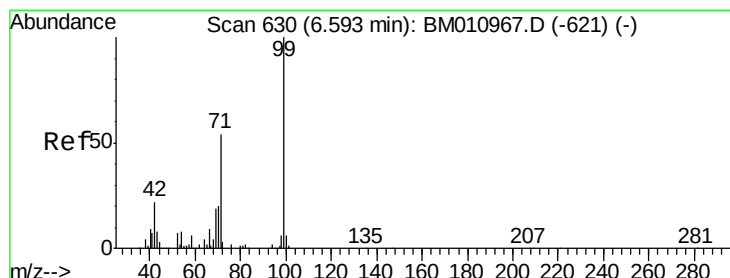
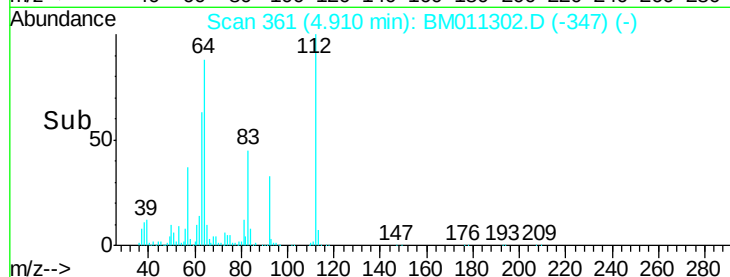
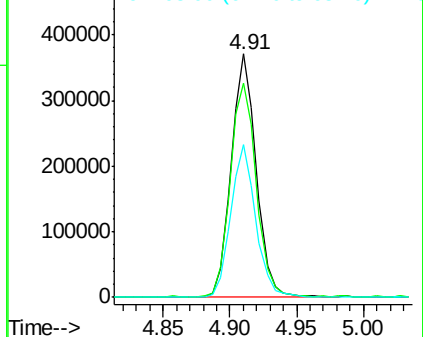
63 62.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 57.79 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

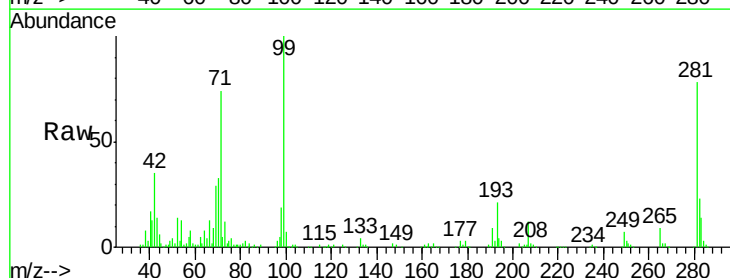
Tgt Ion: 99 Resp: 372980

Ion Ratio Lower Upper

99 100

42 34.6 11.0 16.4#

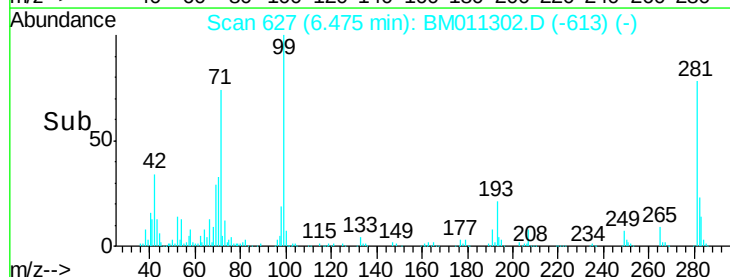
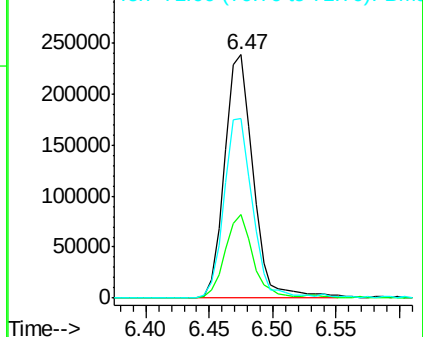
71 73.7 23.4 35.2#

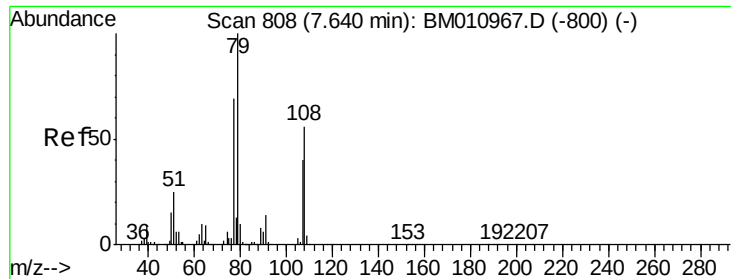


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 7.58 min Scan# 815

Delta R.T. 0.04 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Instrument :

BNA_M

ClientSampleId :

6706-AA-081717

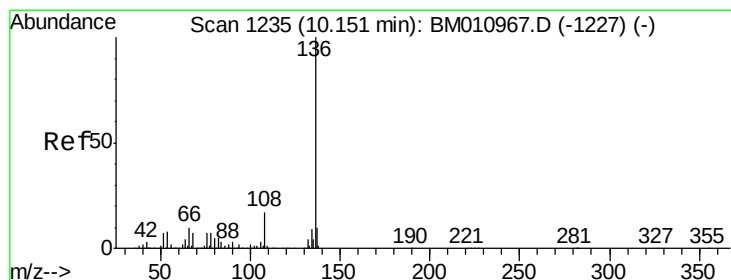
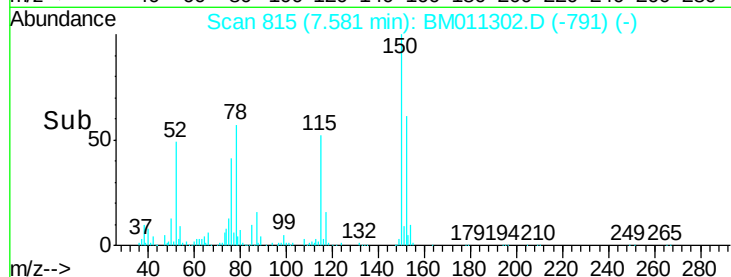
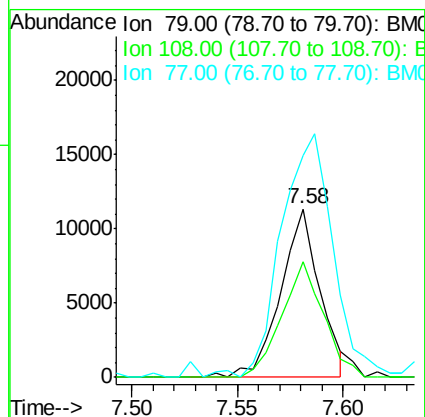
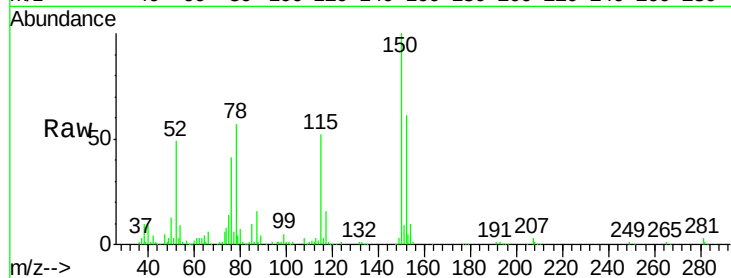
Tot Ion: 79 Resp: 14675

Ion Ratio Lower Upper

79 100

108 68.5 65.0 97.4

77 131.6 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Tgt Ion: 136 Resp: 255842

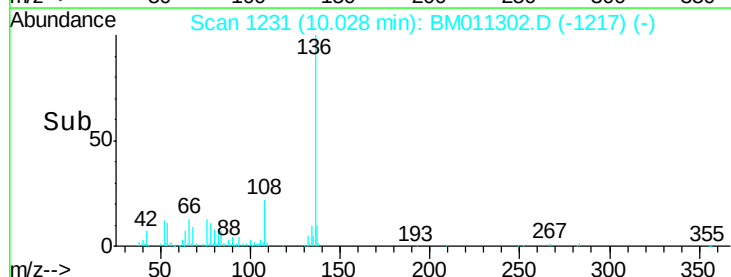
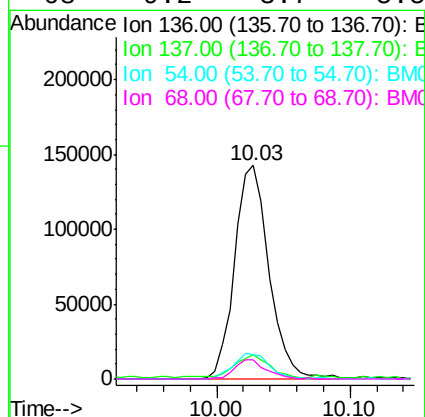
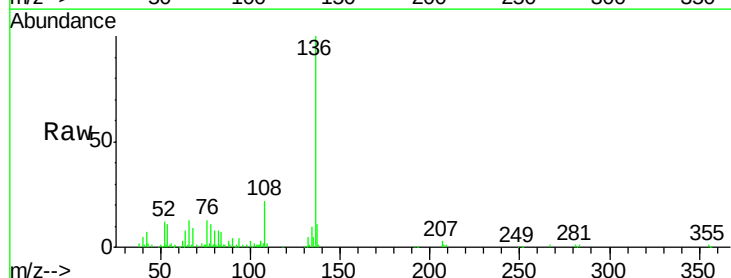
Ion Ratio Lower Upper

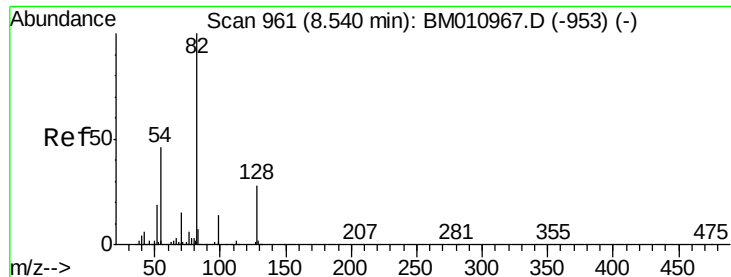
136 100

137 11.3 8.7 13.1

54 11.4 4.6 6.8#

68 9.2 3.7 5.5#

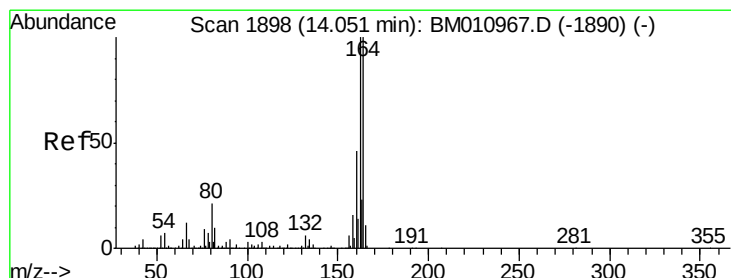
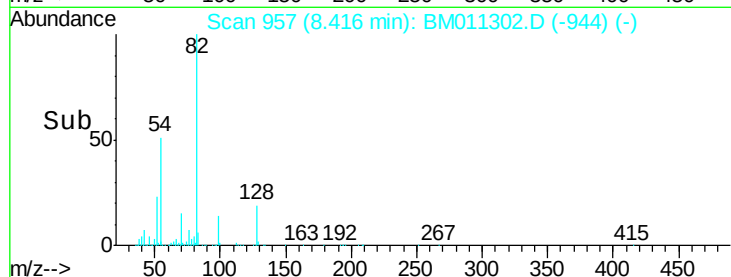
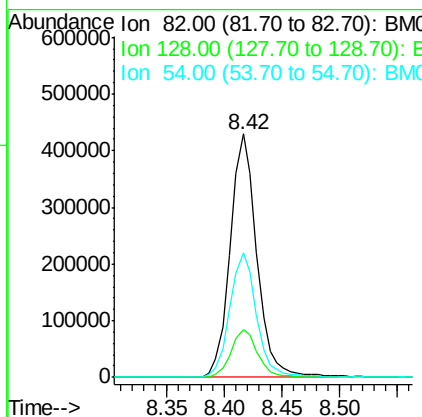
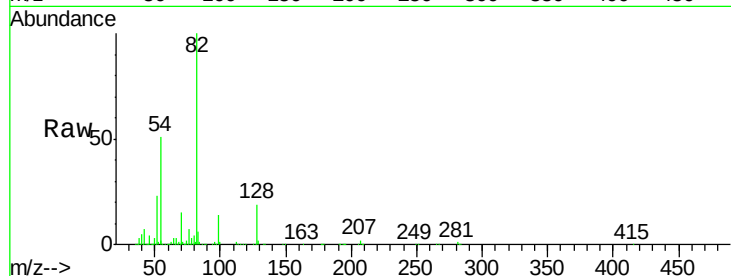




#23
 Nitrobenzene-d5
 Concen: 100.71 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011302.D
 Acq: 18 Aug 2017 23:55

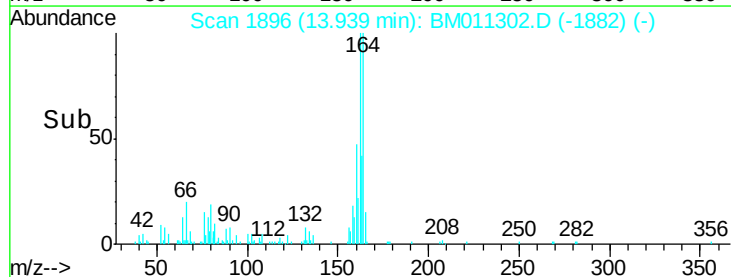
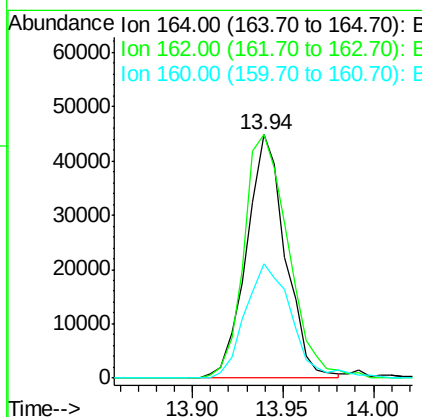
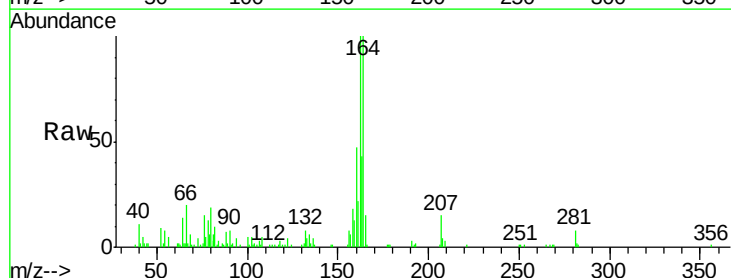
Instrument :
 BNA_M
 ClientSampleId :
 6706-AA-081717

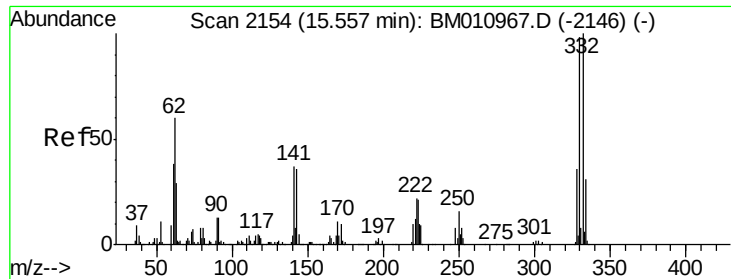
Tot Ion	82	Resp	686477
Ion Ratio	Lower	Upper	
82	100		
128	19.4	32.8	49.2#
54	51.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011302.D
 Acq: 18 Aug 2017 23:55

Tgt Ion	164	Resp	66679
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.4	123.6
160	47.3	35.8	53.6

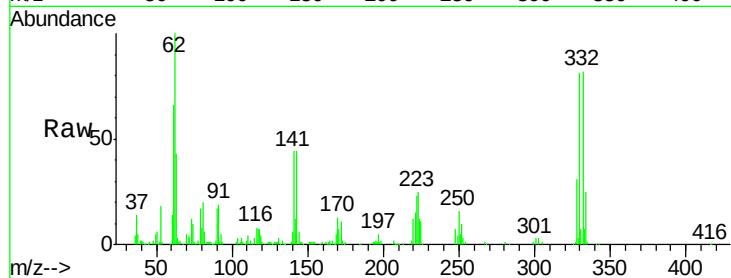




#41
 2,4,6-Tribromophenol
 Concen: 232.37 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011302.D
 Acq: 18 Aug 2017 23:55

Instrument :
 BNA_M
 ClientSampleId :
 6706-AA-081717

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	51.0	0.0	0.0#

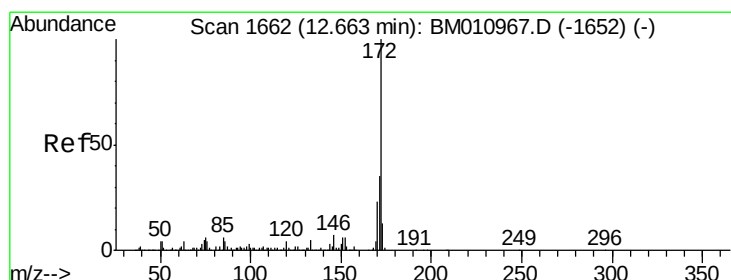
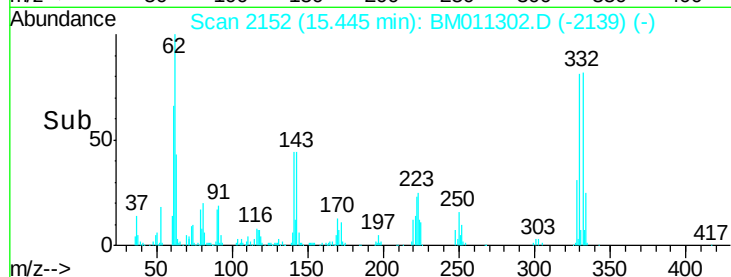
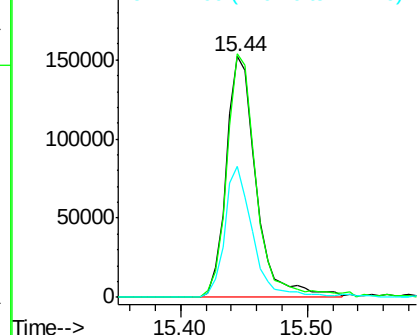


Abundance

Ion 329.80 (329.50 to 330.50): E

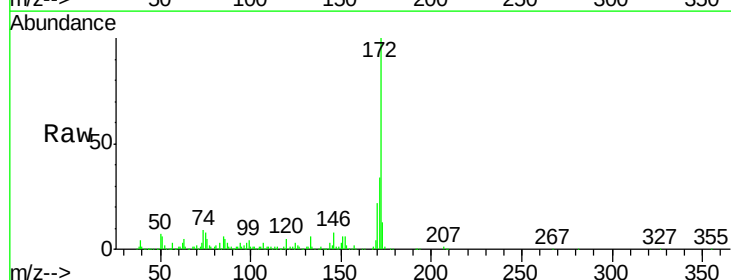
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 183.85 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011302.D
 Acq: 18 Aug 2017 23:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	22.0	18.8	28.2

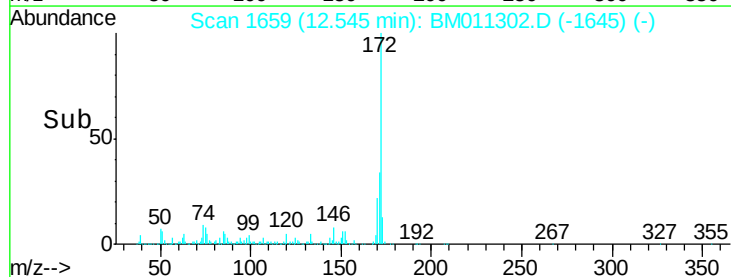
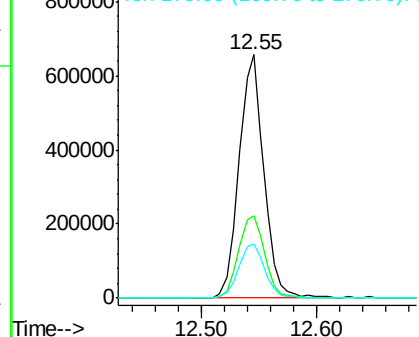


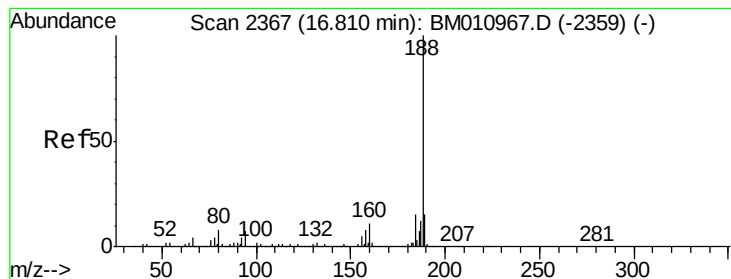
Abundance

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Instrument :

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ClientSampleId :

6706-AA-081717

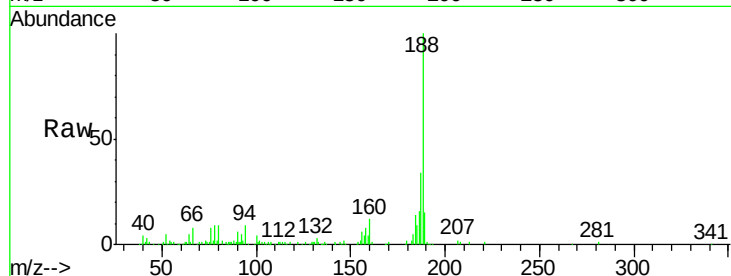
Tot Ion:188 Resp: 238088

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

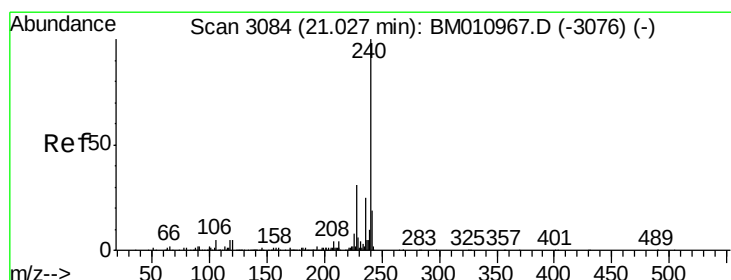
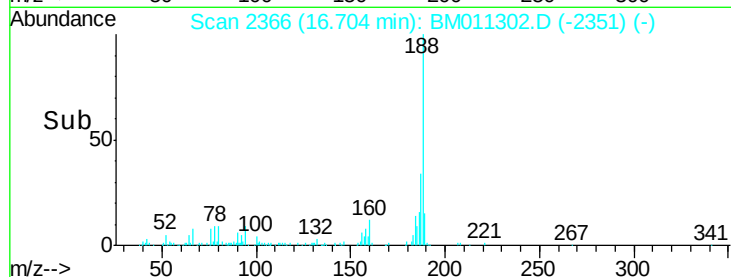
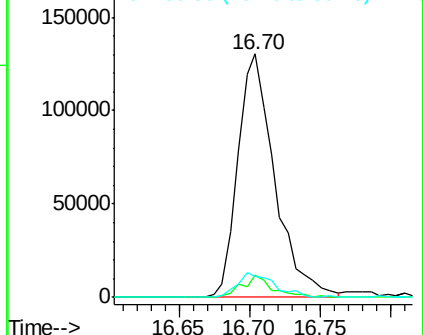
80 8.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

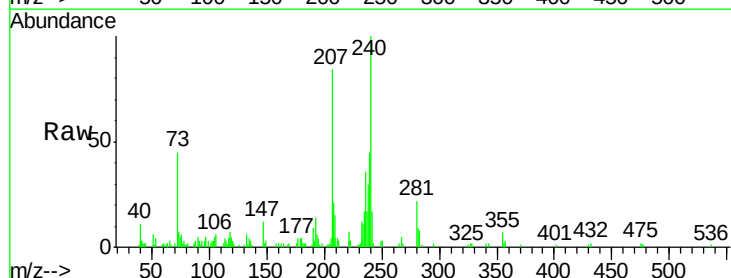
Tgt Ion:240 Resp: 53264

Ion Ratio Lower Upper

240 100

120 2.5 8.2 12.2#

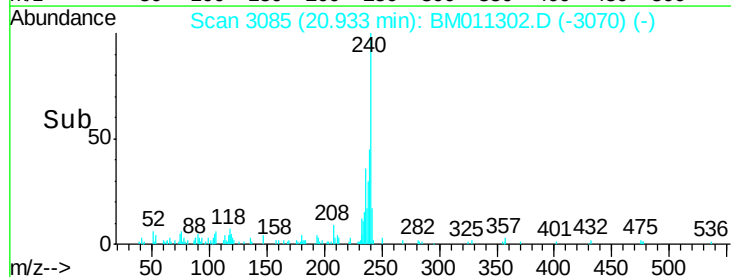
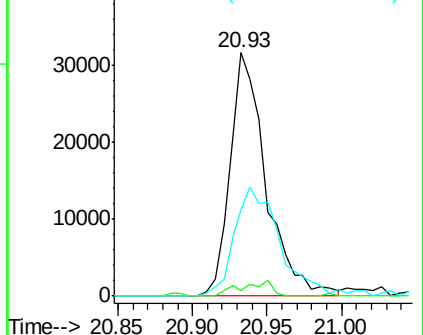
236 35.6 20.0 30.0#

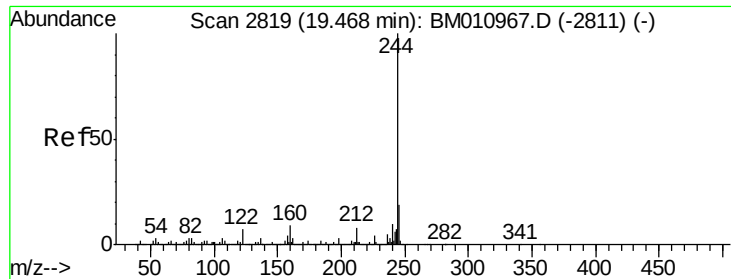


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 317.70 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

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6706-AA-081717

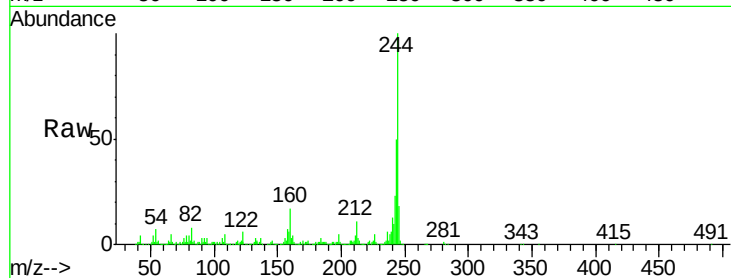
Tot Ion:244 Resp: 854277

Ion Ratio Lower Upper

244 100

212 11.2 4.9 7.3#

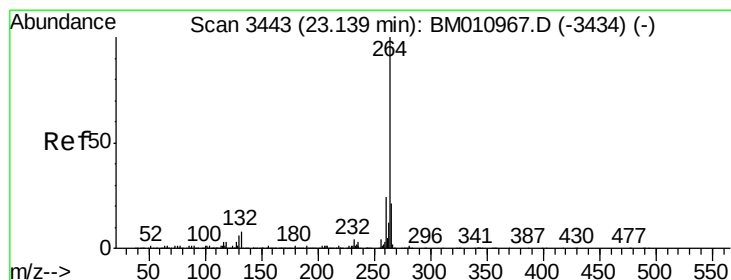
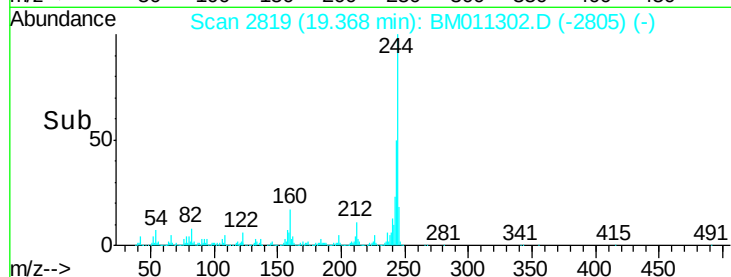
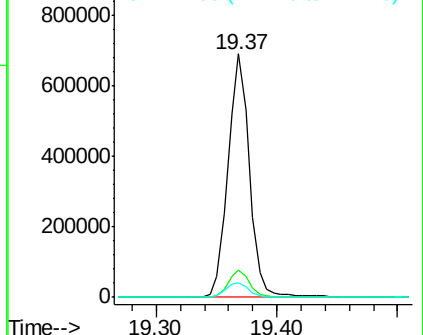
122 6.1 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.01 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

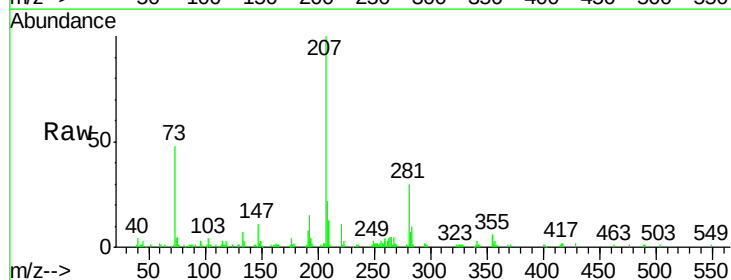
Tgt Ion:264 Resp: 7800

Ion Ratio Lower Upper

264 100

260 58.8 18.6 27.8#

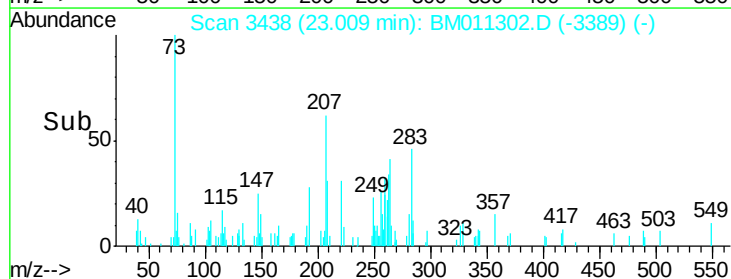
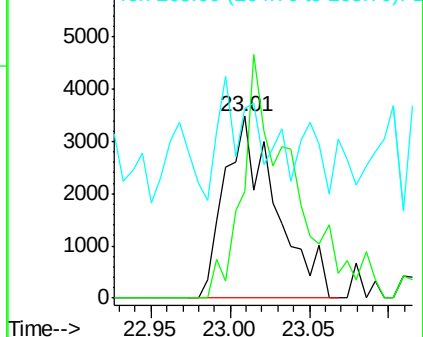
265 104.3 17.3 25.9#

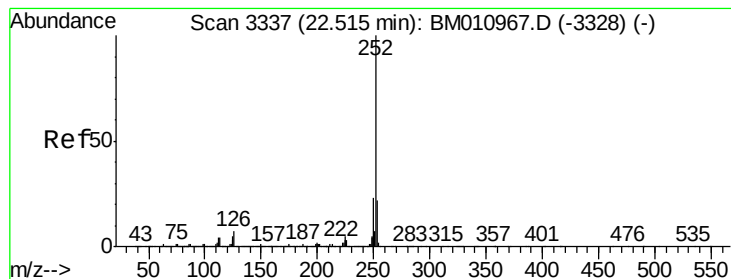


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.48 ng

RT: 22.42 min Scan# 3338

Delta R.T. 0.01 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Instrument :

BNA_M

ClientSampleId :

6706-AA-081717

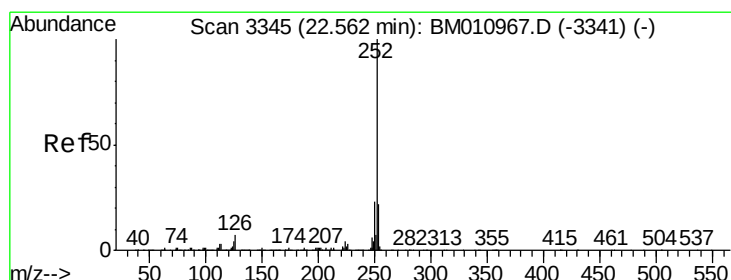
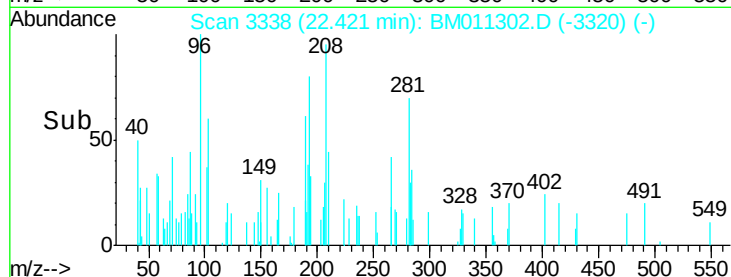
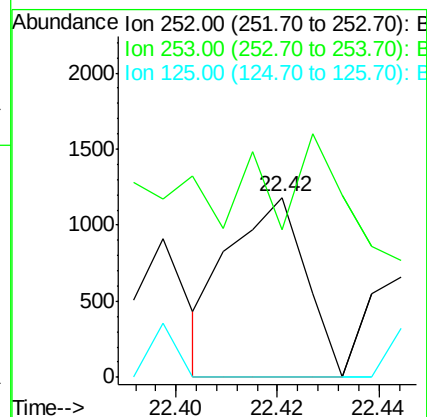
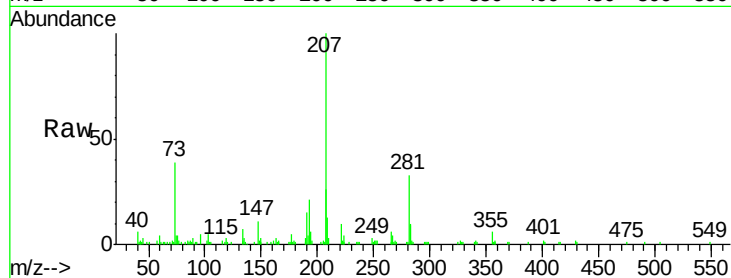
Tot Ion:252 Resp: 1243

Ion Ratio Lower Upper

252 100

253 82.2 18.0 27.0#

125 0.0 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 4.53 ng

RT: 22.46 min Scan# 3344

Delta R.T. 0.00 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

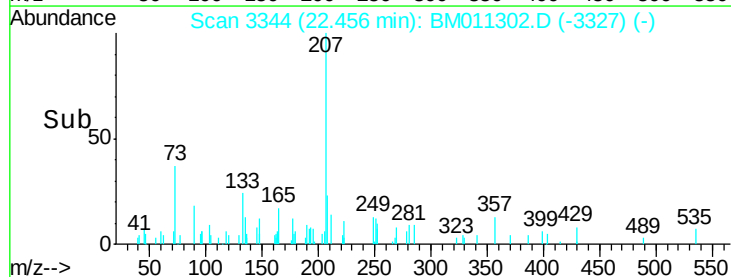
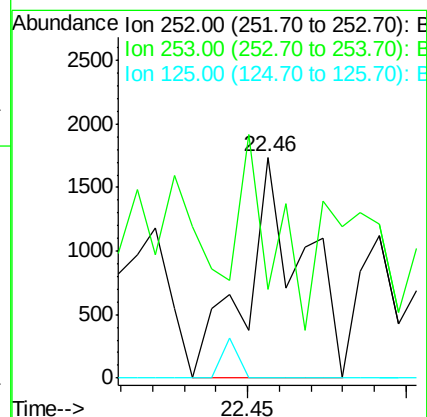
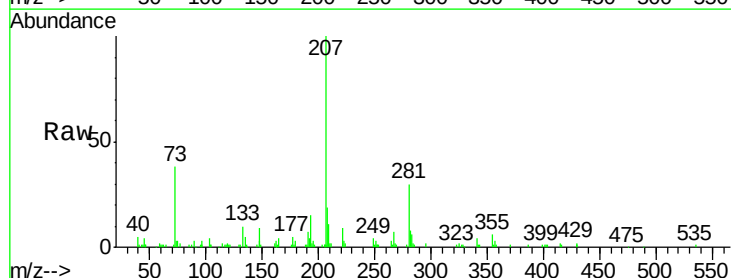
Tgt Ion:252 Resp: 2175

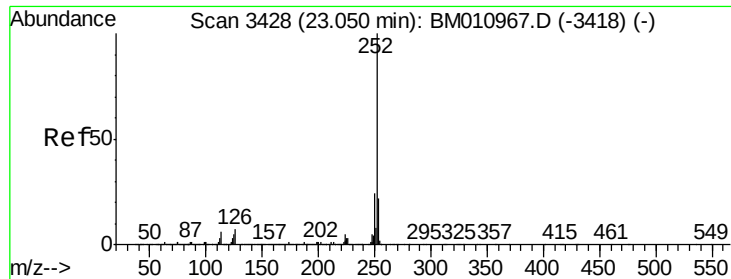
Ion Ratio Lower Upper

252 100

253 40.0 17.2 25.8#

125 0.0 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 4.42 ng

RT: 22.94 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BM011302.D

Acq: 18 Aug 2017 23:55

Instrument :

BNA_M

ClientSampleId :

6706-AA-081717

Tot Ion:252 Resp: 2004

Ion Ratio Lower Upper

252 100

253 77.5 17.6 26.4#

125 0.0 7.4 11.2#

