

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011003.D
 Acq On : 27 Jul 2017 10:37
 Operator : SJ/JU
 Sample : I4424-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:01:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

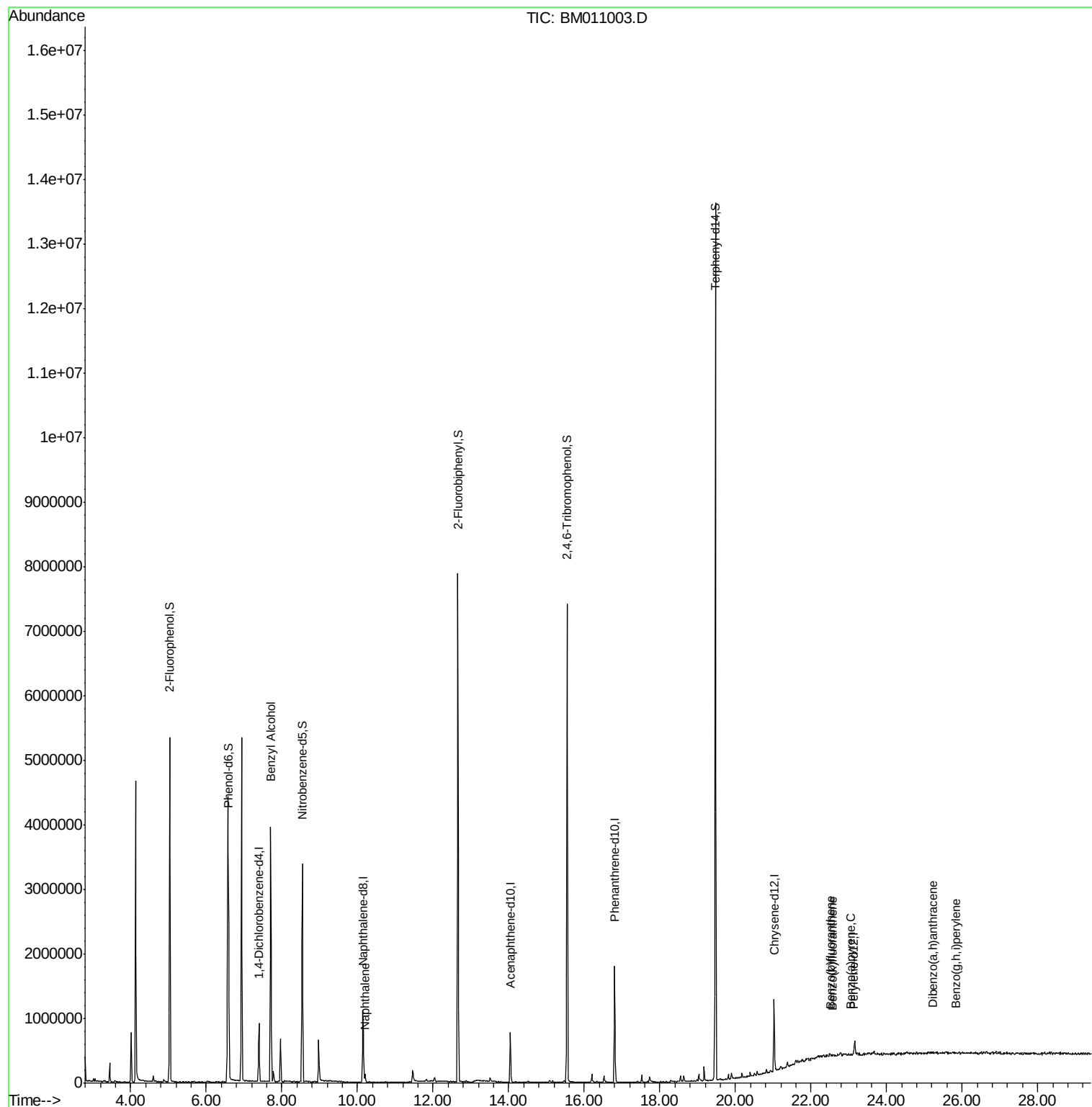
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	174410	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	639787	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	175079	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	825219	20.00	ng	0.00
75) Chrysene-d12	21.02	240	302253	20.00	ng	0.00
86) Perylene-d12	23.12	264	1266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1544570	149.70	ng	0.00
7) Phenol-d6	6.59	99	1217149	83.03	ng	0.00
23) Nitrobenzene-d5	8.54	82	1803927	105.82	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1006215	358.58	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3294817	236.02	ng	0.00
78) Terphenyl-d14	19.47	244	4261031	279.25	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	36984	2.63	ng	# 57
31) Naphthalene	10.20	128	75588	2.35	ng	98
87) Benzo(b)fluoranthene	22.51	252	2422	29.81	ng	# 12
88) Benzo(k)fluoranthene	22.56	252	4048	51.98	ng	# 55
89) Benzo(a)pyrene	23.04	252	3954	53.78	ng	# 34
90) Dibenzo(a,h)anthracene	25.22	278	2248	32.98	ng	# 54
91) Benzo(g,h,i)perylene	25.84	276	2718	40.61	ng	# 52

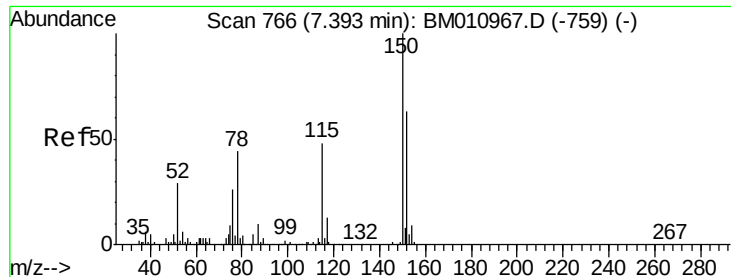
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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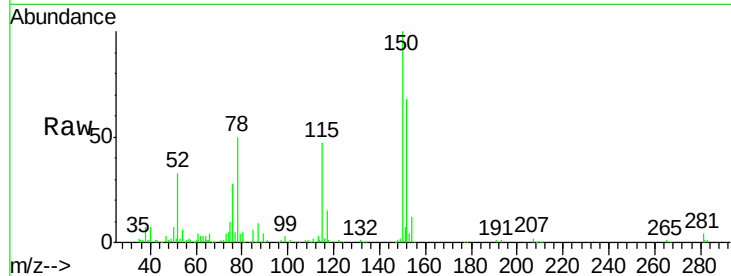


#1

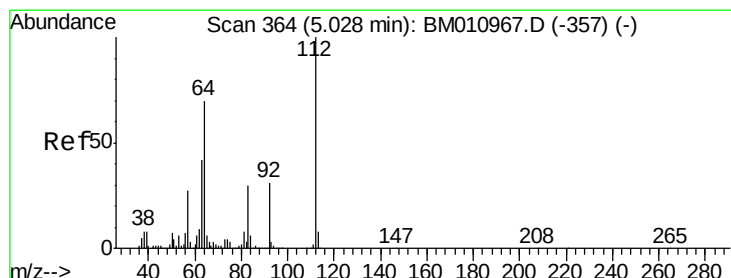
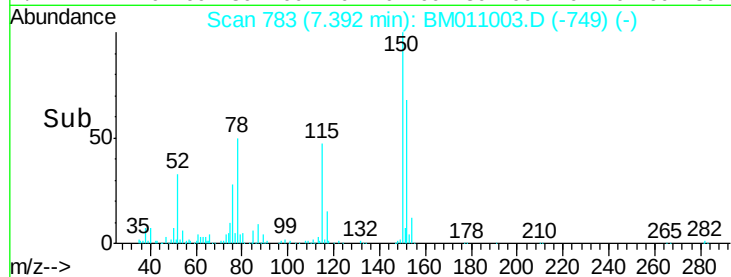
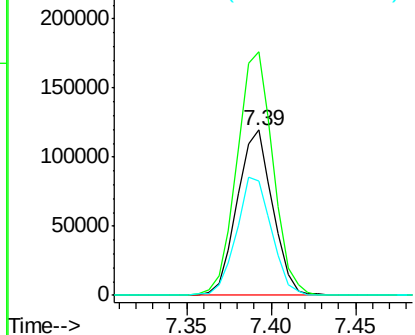
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 174410
Ion Ratio Lower Upper
152 100
150 147.6 119.5 179.3
115 69.3 43.0 64.4#



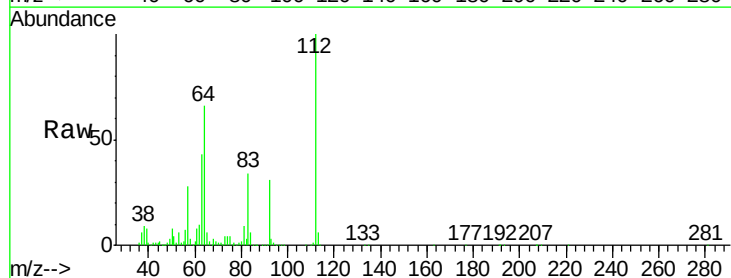
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



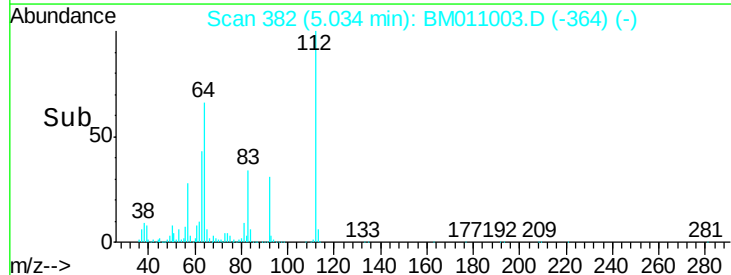
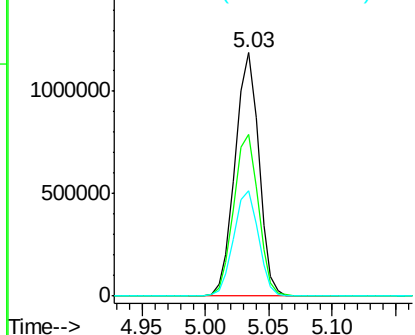
#5

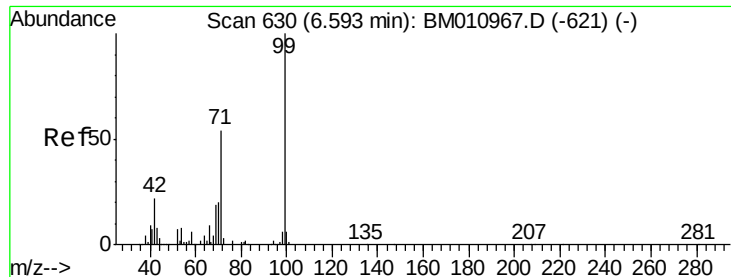
2-Fluorophenol
Concen: 149.70 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:112 Resp: 1544570
Ion Ratio Lower Upper
112 100
64 66.3 38.6 57.8#
63 43.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 83.03 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

Instrument :

BNA_M

ClientSampleId :

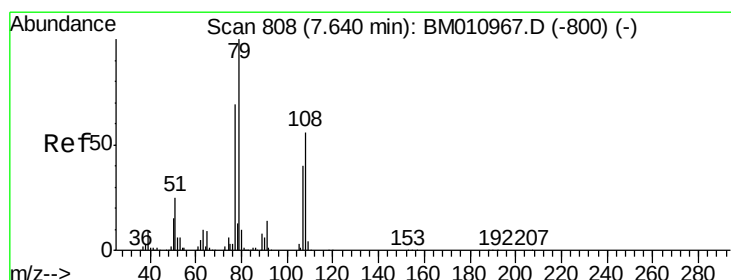
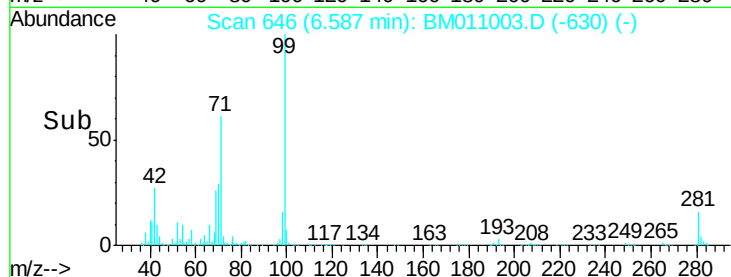
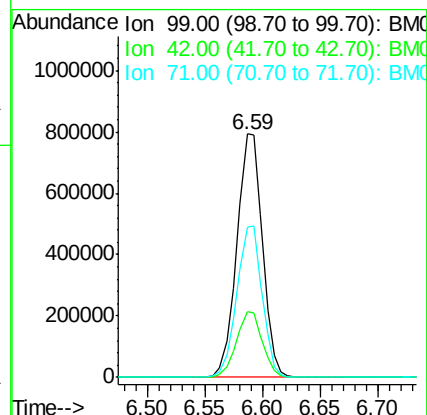
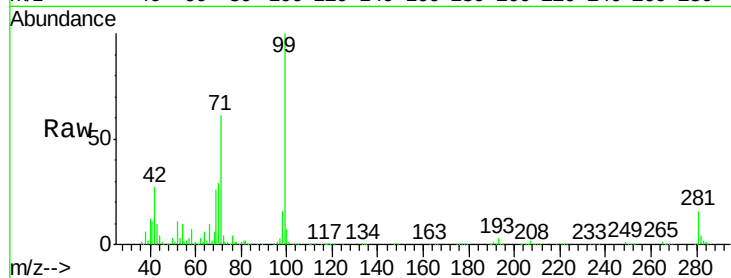
Tot Ion: 99 Resp: 1217149

Ion Ratio Lower Upper

99 100

42 26.9 11.0 16.4#

71 61.5 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 7.70 min Scan# 836

Delta R.T. 0.06 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

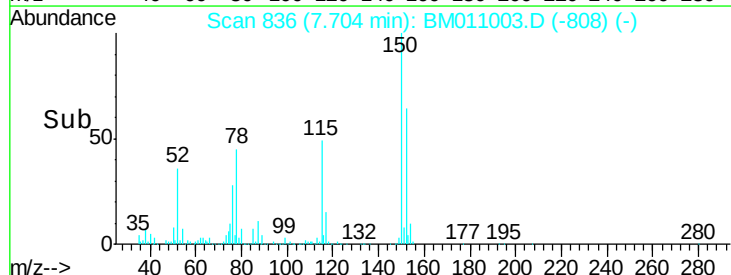
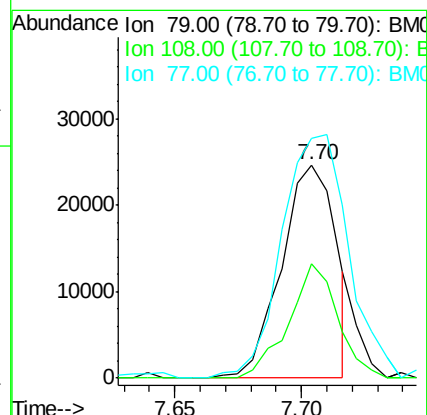
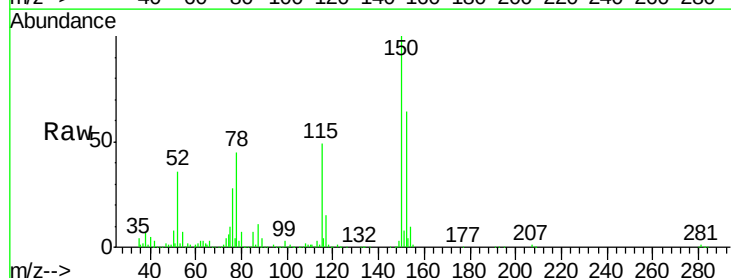
Tgt Ion: 79 Resp: 36984

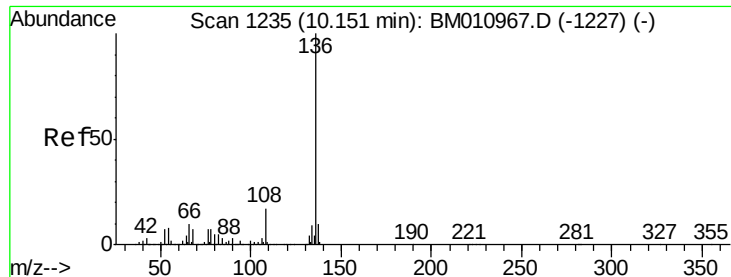
Ion Ratio Lower Upper

79 100

108 53.6 65.0 97.4#

77 112.6 53.0 79.6#

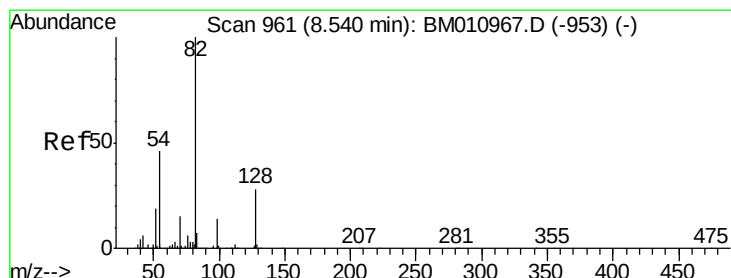
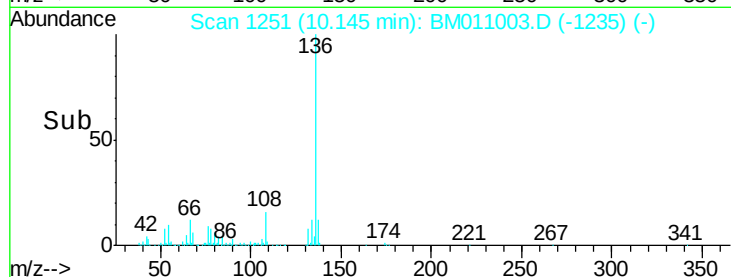
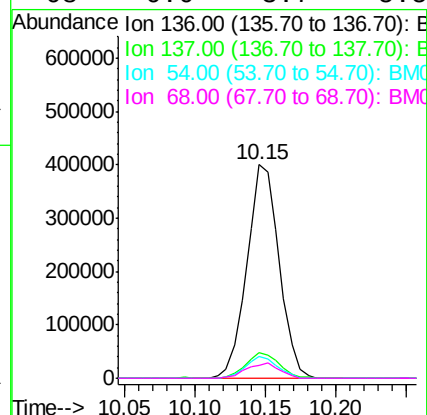
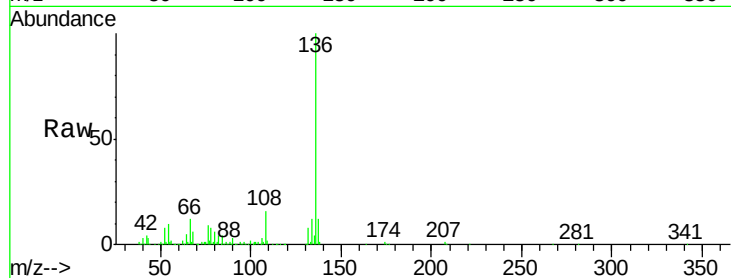




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

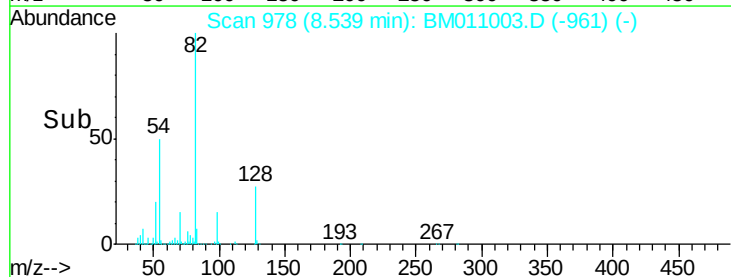
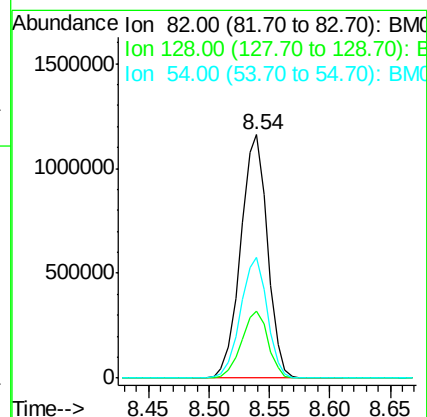
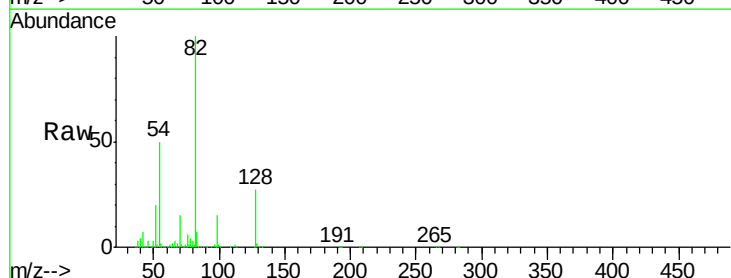
Instrument :
BNA_M
ClientSampleId :

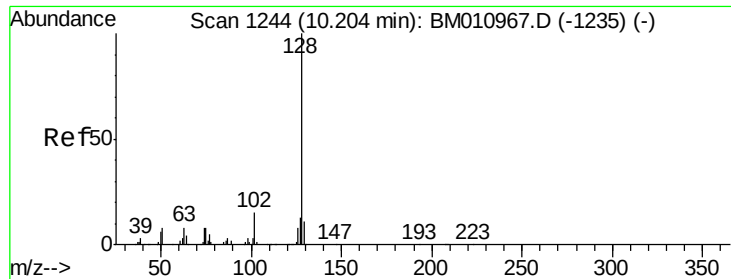
Tot Ion:136	Resp: 639787
Ion Ratio	Lower Upper
136 100	
137 12.1	8.7 13.1
54 10.1	4.6 6.8#
68 6.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 105.82 ng
RT: 8.54 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion: 82	Resp: 1803927
Ion Ratio	Lower Upper
82 100	
128 27.4	32.8 49.2#
54 49.6	40.6 60.8

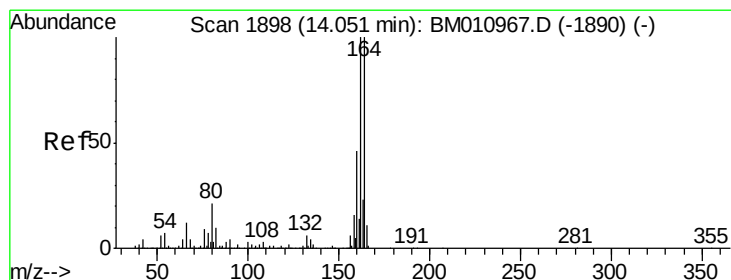
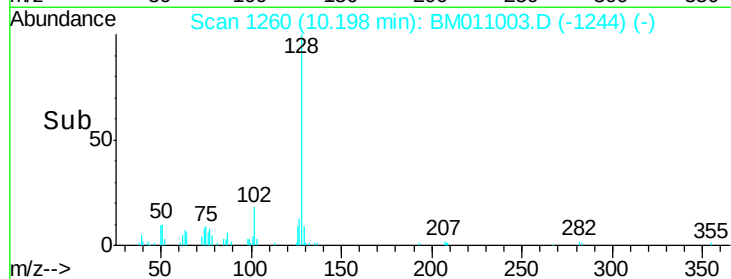
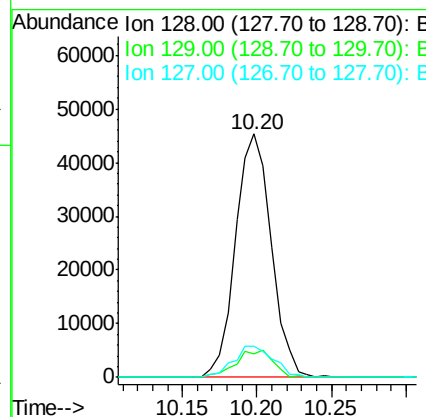
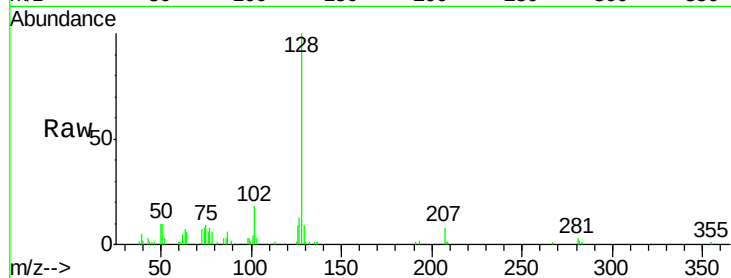




#31
Naphthalene
Concen: 2.35 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

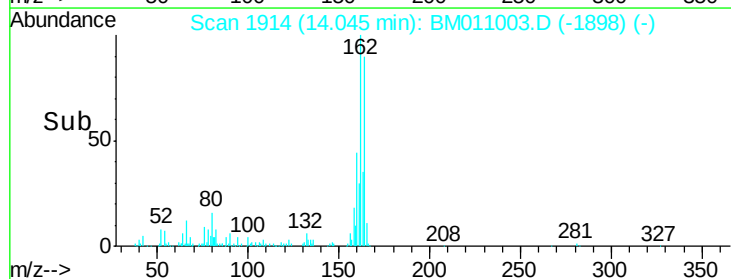
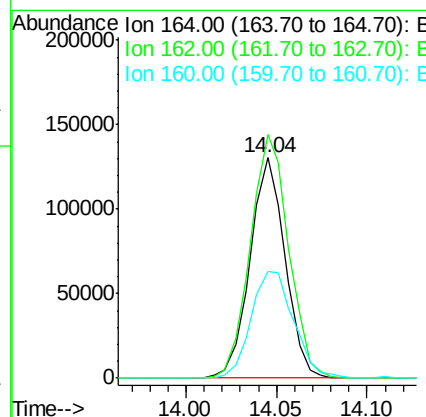
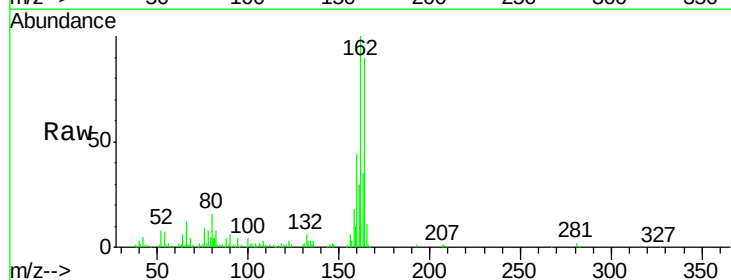
Instrument :
BNA_M
ClientSampleId :

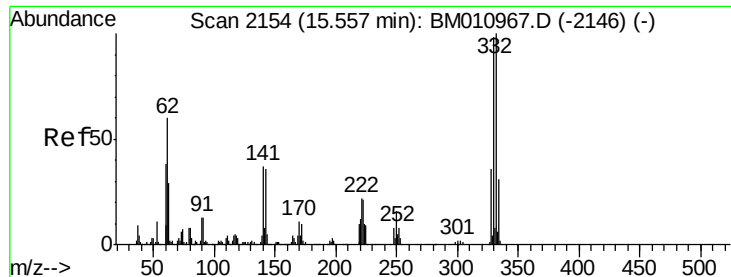
Tot Ion:128 Resp: 75588
Ion Ratio Lower Upper
128 100
129 9.5 8.9 13.3
127 12.7 10.4 15.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion:164 Resp: 175079
Ion Ratio Lower Upper
164 100
162 110.6 82.4 123.6
160 48.4 35.8 53.6

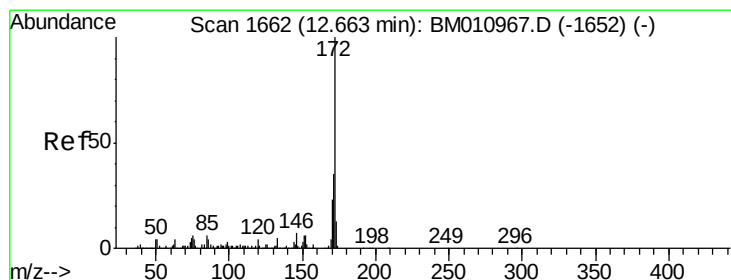
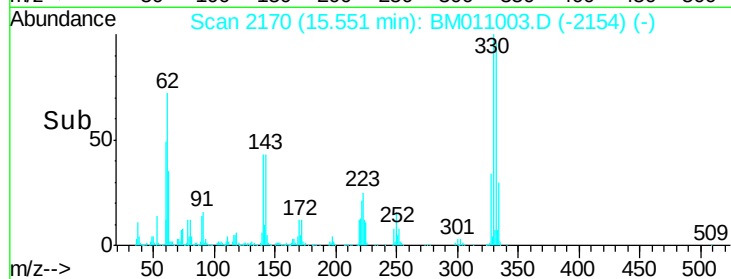
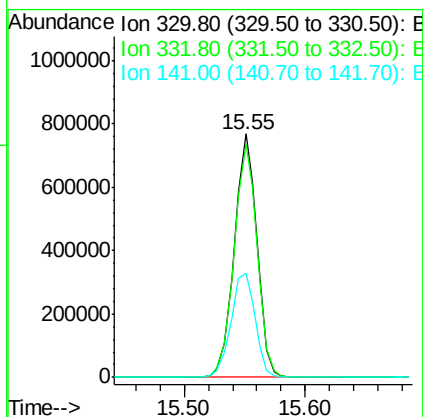
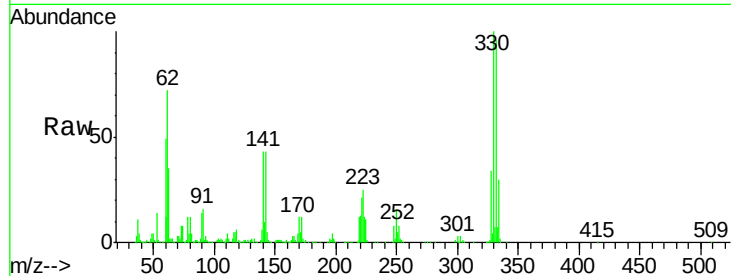




#41
 2,4,6-Tribromophenol
 Concen: 358.58 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011003.D
 Acq: 27 Jul 2017 10:37

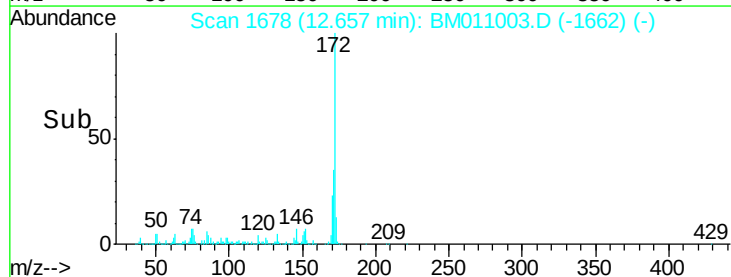
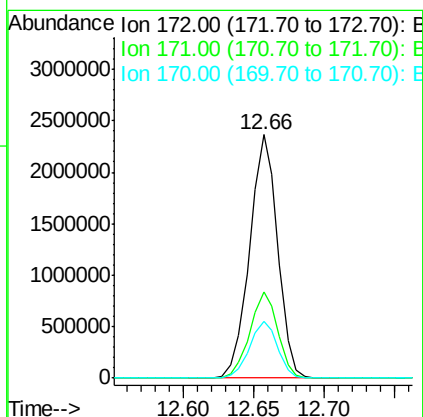
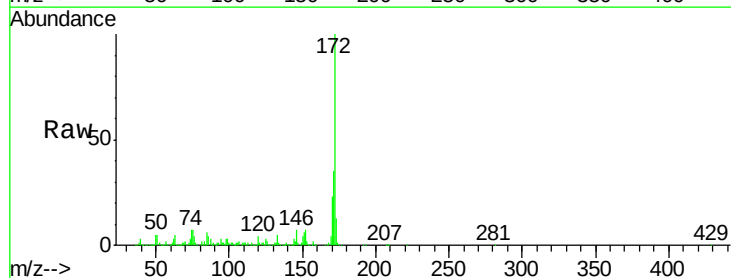
Instrument :
 BNA_M
 ClientSampleId :

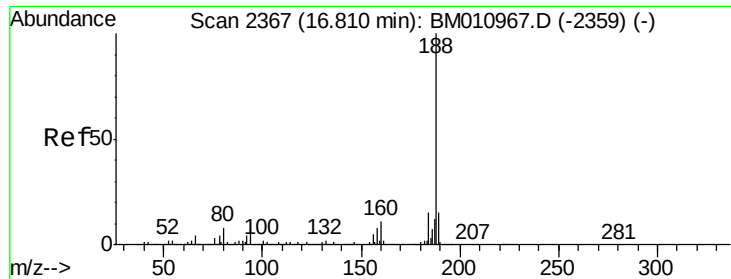
Tot Ion:330 Resp: 1006215
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 45.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 236.02 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011003.D
 Acq: 27 Jul 2017 10:37

Tgt Ion:172 Resp: 3294817
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.3 18.8 28.2

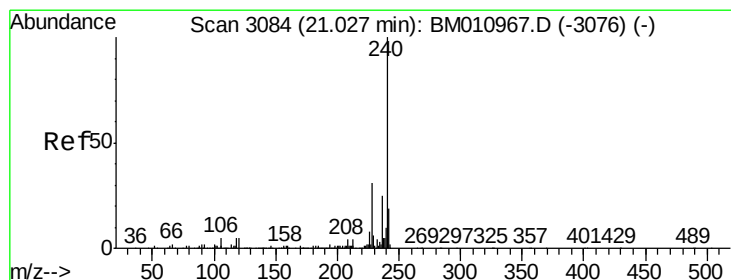
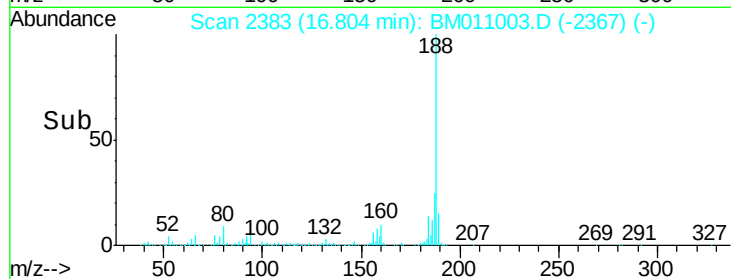
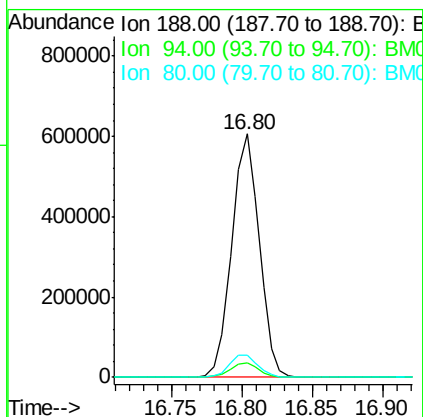
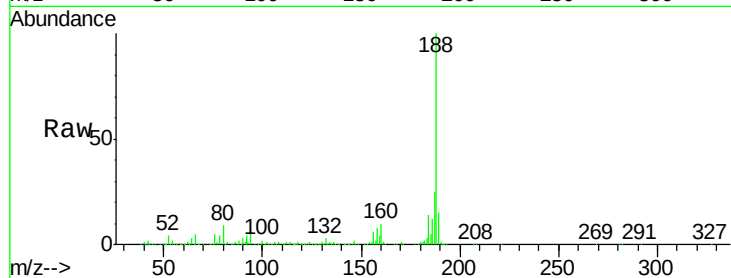




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

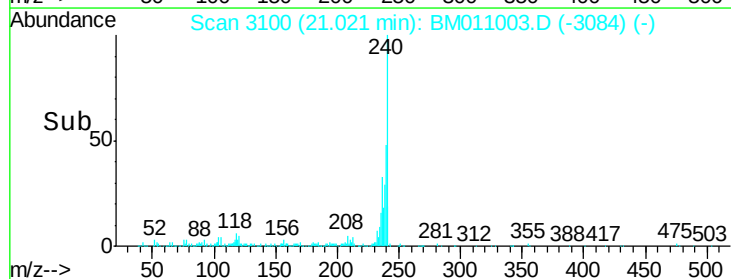
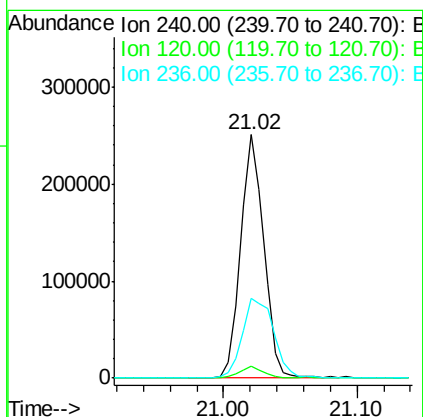
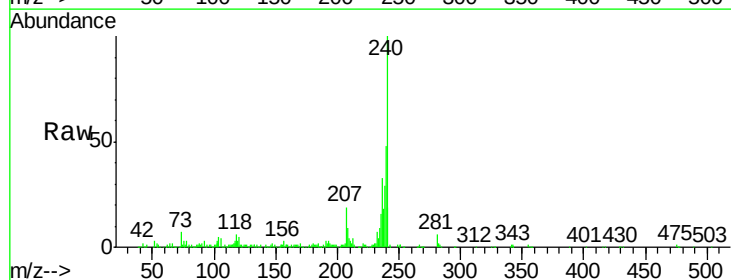
Instrument :
BNA_M
ClientSampleId :

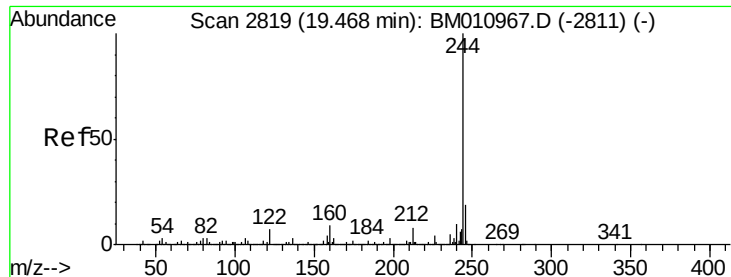
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	9.1	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011003.D
Acq: 27 Jul 2017 10:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	32.8	20.0	30.0#





#78

Terphenyl-d14

Concen: 279.25 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

Instrument :

BNA_M

ClientSampled :

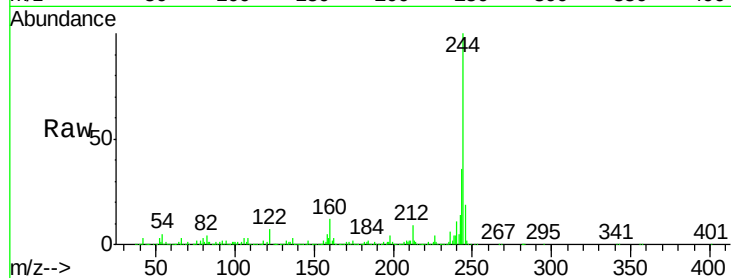
Tot Ion:244 Resp: 4261031

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

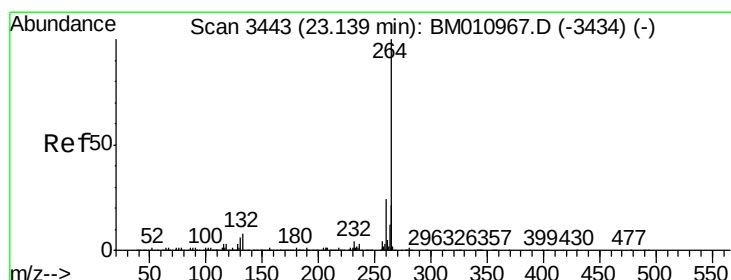
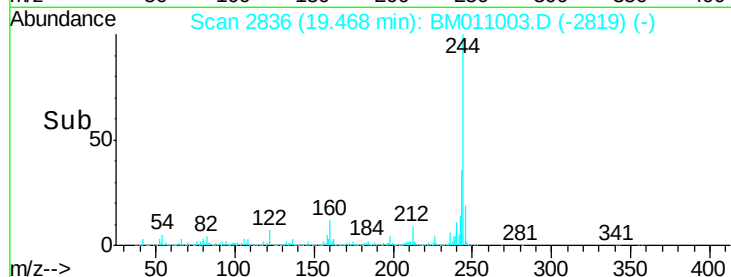
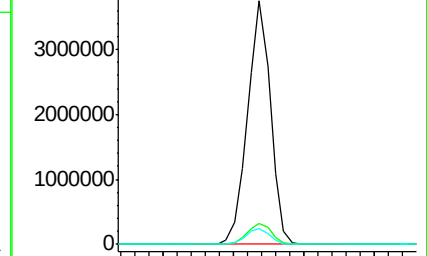
122 6.6 6.2 9.4



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: 23.12 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

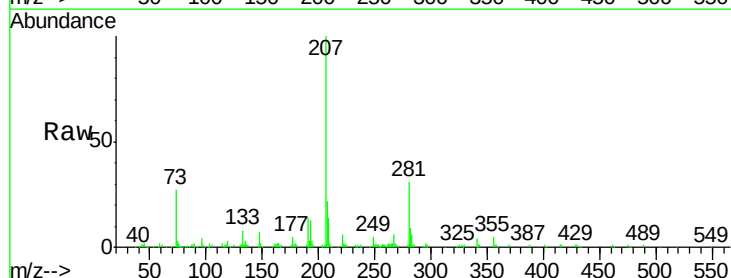
Tgt Ion:264 Resp: 1266

Ion Ratio Lower Upper

264 100

260 50.1 18.6 27.8#

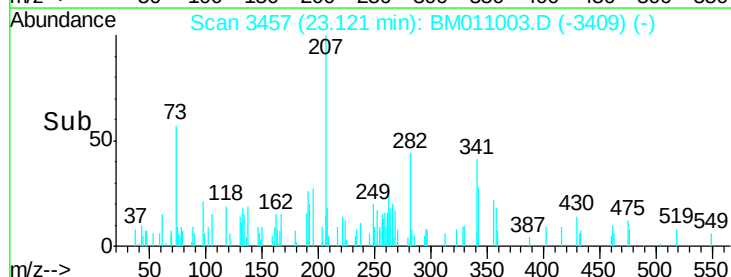
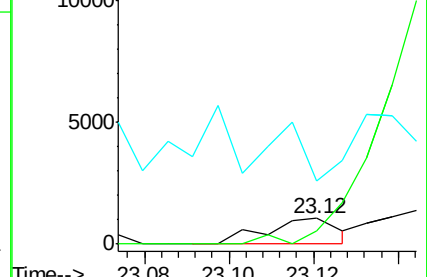
265 245.0 17.3 25.9#

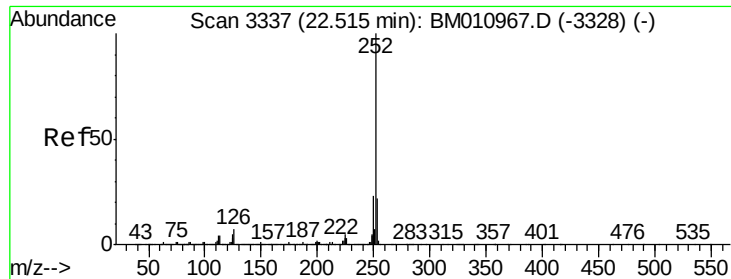


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 29.81 ng

RT: 22.51 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

Instrument :

BNA_M

ClientSampleId :

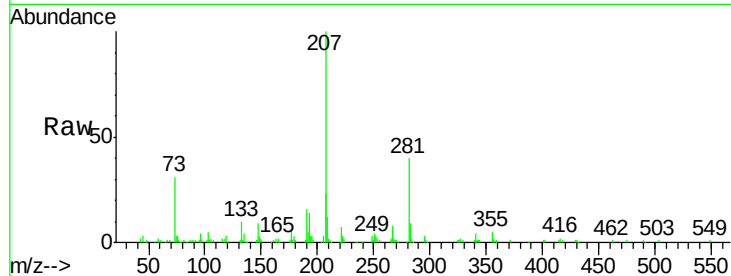
Tot Ion:252 Resp: 2422

Ion Ratio Lower Upper

252 100

253 79.9 18.0 27.0#

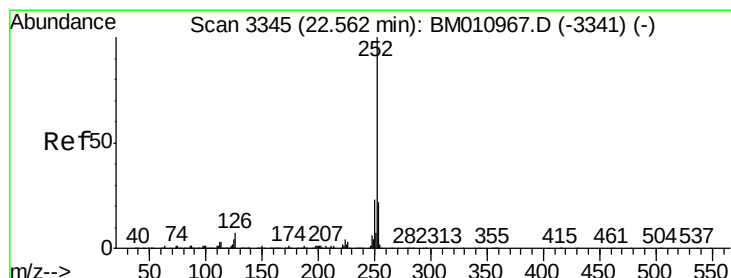
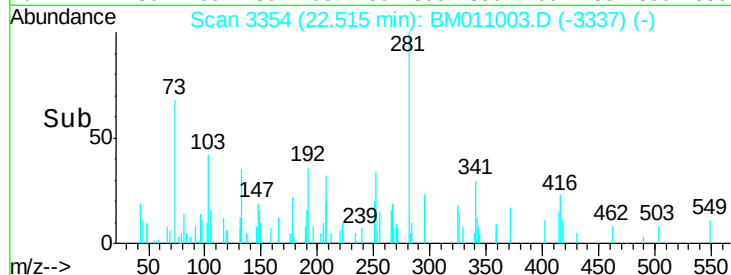
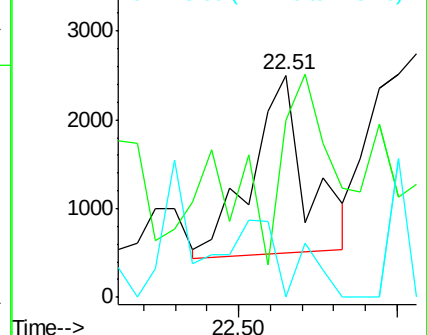
125 0.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.98 ng

RT: 22.56 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

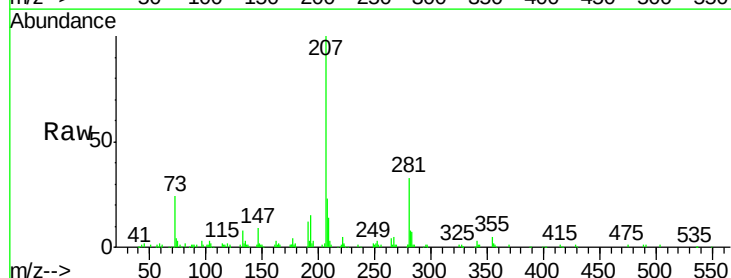
Tgt Ion:252 Resp: 4048

Ion Ratio Lower Upper

252 100

253 46.6 17.2 25.8#

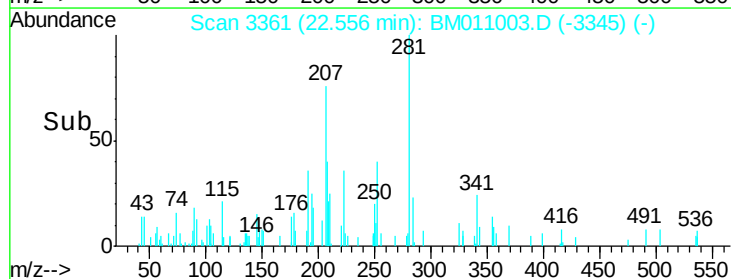
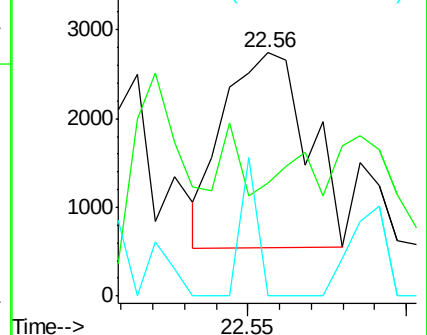
125 0.0 8.1 12.1#

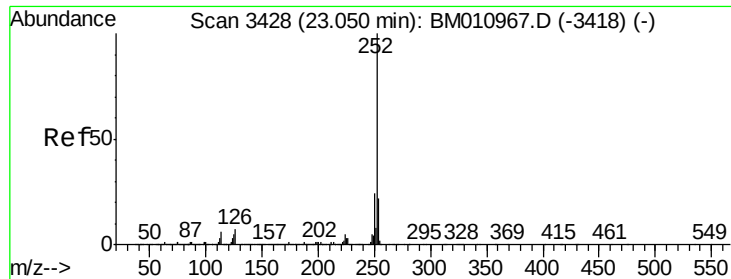


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.78 ng

RT: 23.04 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

Instrument :

BNA_M

ClientSampleId :

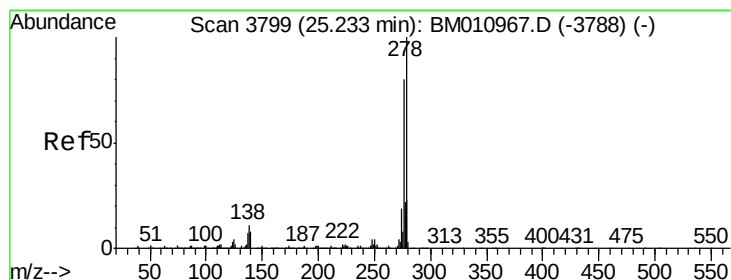
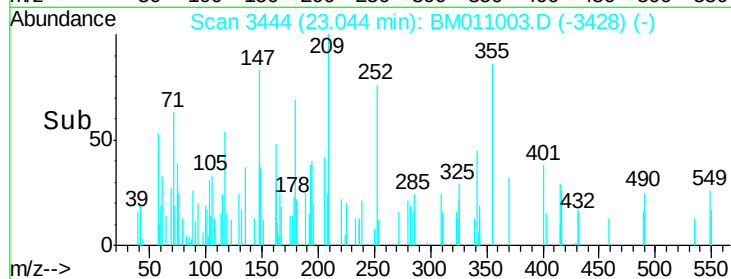
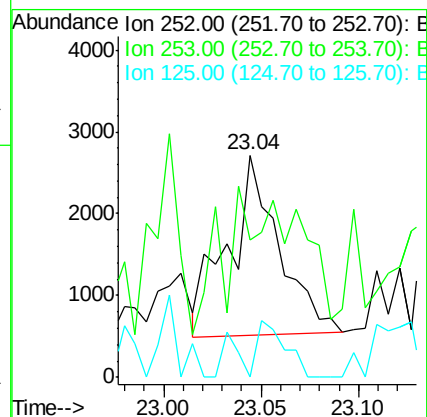
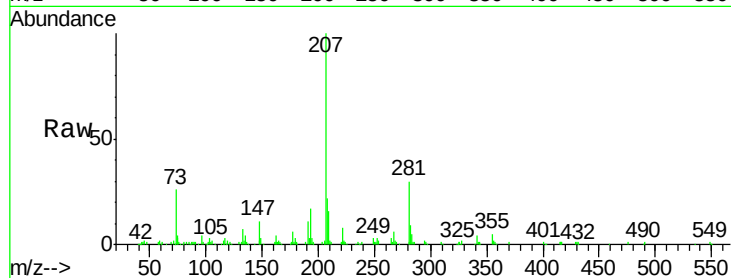
Tot Ion:252 Resp: 3954

Ion Ratio Lower Upper

252 100

253 61.7 17.6 26.4#

125 0.0 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 32.98 ng

RT: 25.22 min Scan# 3814

Delta R.T. -0.01 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

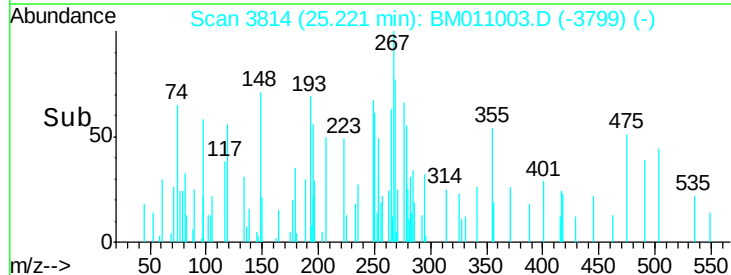
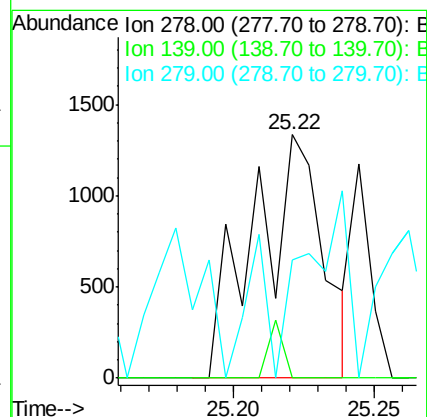
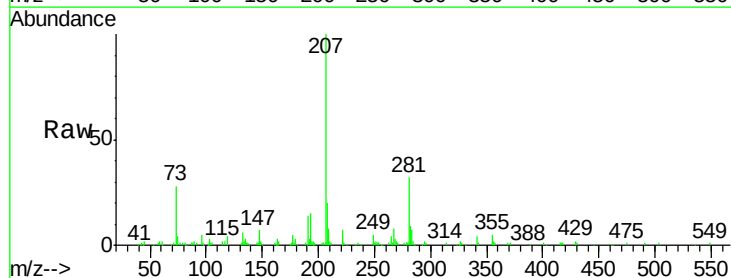
Tgt Ion:278 Resp: 2248

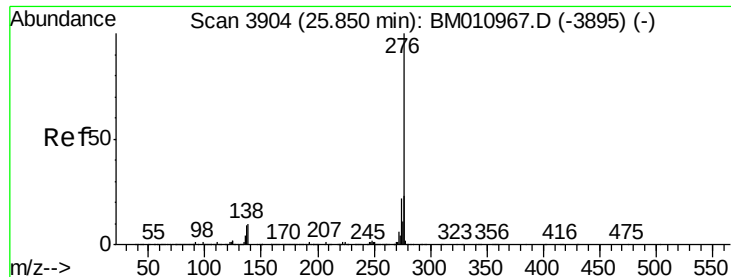
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 48.7 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 40.61 ng

RT: 25.84 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM011003.D

Acq: 27 Jul 2017 10:37

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2718

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#

