

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
 Data File : BM011151.D
 Acq On : 05 Aug 2017 20:32
 Operator : SJ/JU
 Sample : I4542-03RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4129RE

Quant Time: Aug 06 01:20:36 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

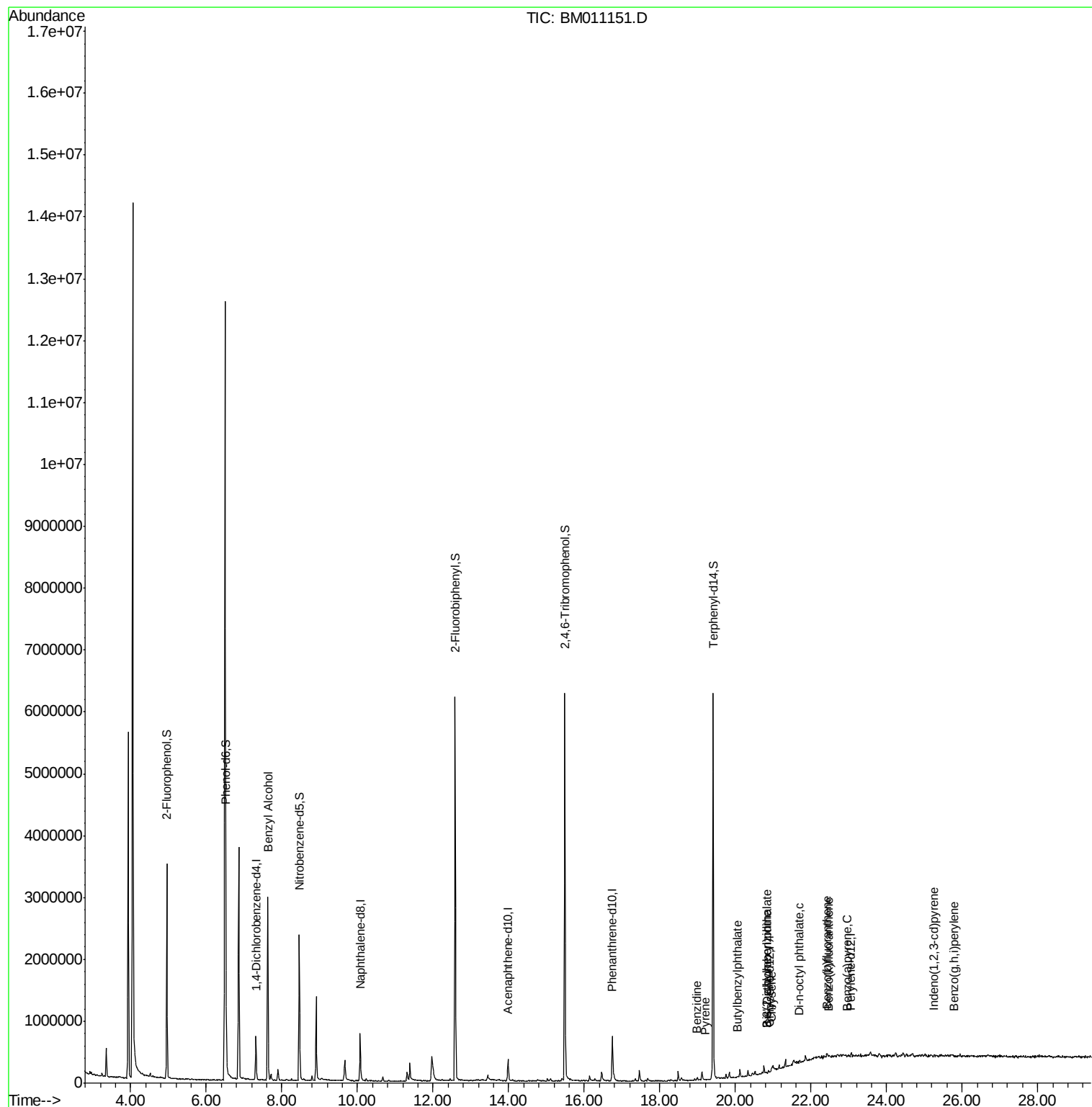
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	130070	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	418910	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	76646	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	317183	20.00	ng	-0.07
75) Chrysene-d12	20.90	240	540	20.00	ng	-0.12
86) Perylene-d12	23.04	264	131	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	955350	124.16	ng	-0.07
7) Phenol-d6	6.52	99	432581	39.57	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1319835	118.25	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	847902	690.21	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2534343	414.69	ng	-0.08
78) Terphenyl-d14	19.41	244	1396710	51235.23	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.63	79	26076	2.486	ng	# 50
76) Benzidine	18.97	184	279	21.597	ng	# 1
77) Pyrene	19.20	202	129	4.020	ng	# 57
79) Butylbenzylphthalate	20.06	149	914	80.107	ng	# 28
81) 3,3'-Dichlorobenzidine	20.84	252	431	35.632	ng	# 26
82) Chrysene	20.96	228	357	12.062	ng	# 50
83) Bis(2-ethylhexyl)phthalate	20.83	149	955	56.896	ng	# 52
84) Di-n-octyl phthalate	21.69	149	1082	39.717	ng	# 1
85) Indeno(1,2,3-cd)pyrene	25.25	276	155	5.057	ng	# 55
87) Benzo(b)fluoranthene	22.41	252	2066	245.725	ng	# 19
88) Benzo(k)fluoranthene	22.46	252	870	107.961	ng	# 1
89) Benzo(a)pyrene	22.95	252	1440	189.277	ng	# 1
91) Benzo(g,h,i)perylene	25.79	276	223	32.200	ng	# 52

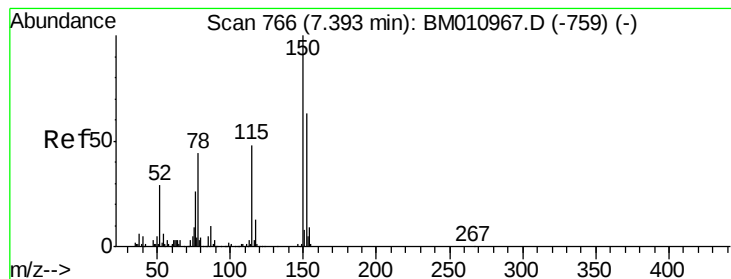
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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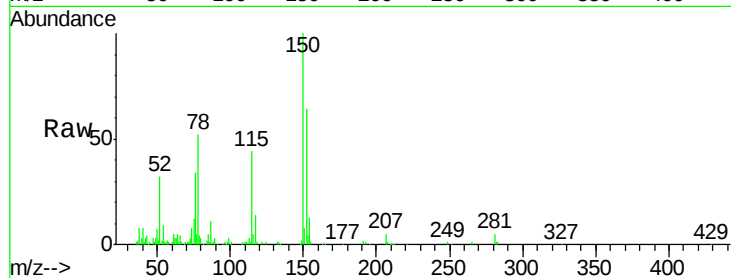




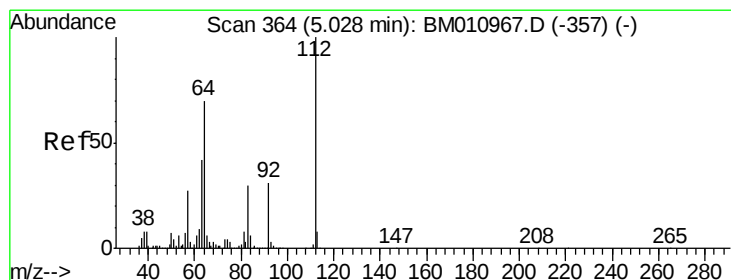
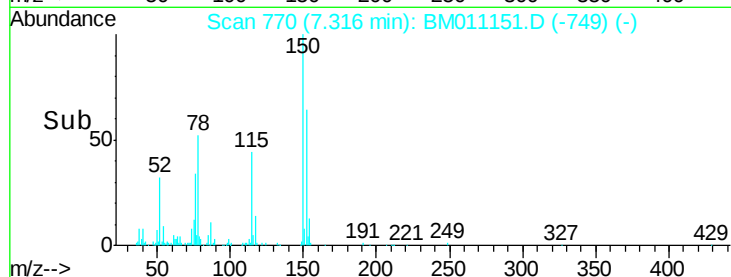
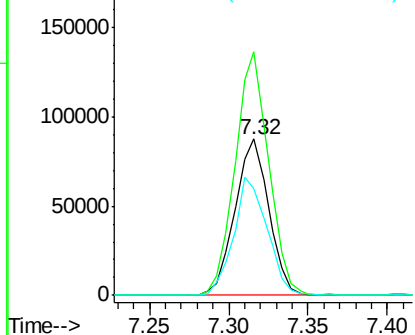
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.32 min Scan# 770
 Delta R.T. -0.08 min
 Lab File: BM011151.D
 Acq: 05 Aug 2017 20:32

Instrument :
 BNA_M
 ClientSampleId :
 A4129RE

Tgt Ion:152 Resp: 130070
 Ion Ratio Lower Upper
 152 100
 150 155.9 119.5 179.3
 115 68.6 43.0 64.4#

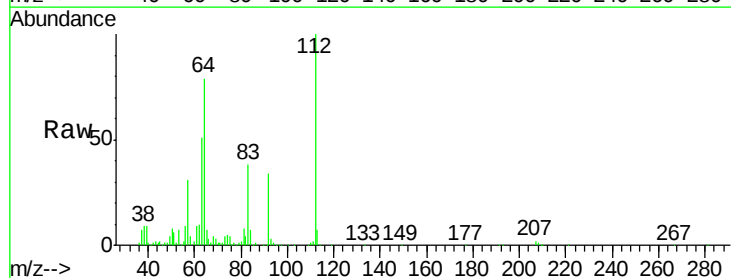


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

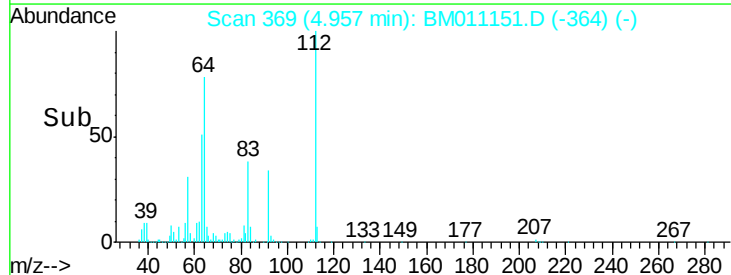
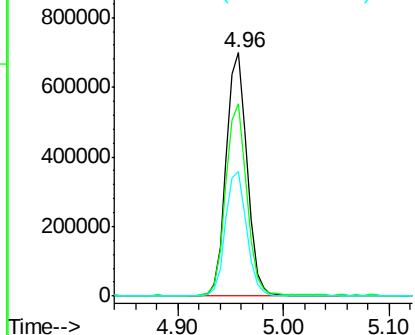


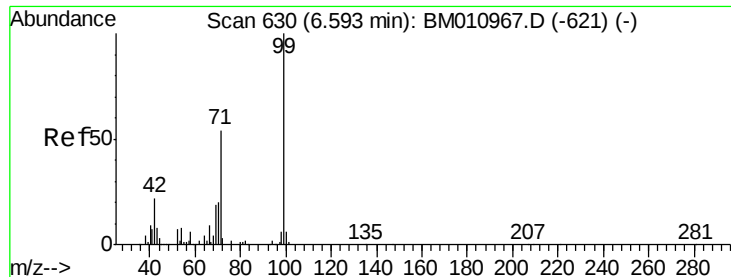
#5
 2-Fluorophenol
 Concen: 124.161 ng
 RT: 4.96 min Scan# 369
 Delta R.T. -0.07 min
 Lab File: BM011151.D
 Acq: 05 Aug 2017 20:32

Tgt Ion:112 Resp: 955350
 Ion Ratio Lower Upper
 112 100
 64 78.9 38.6 57.8#
 63 50.9 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: 39.569 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

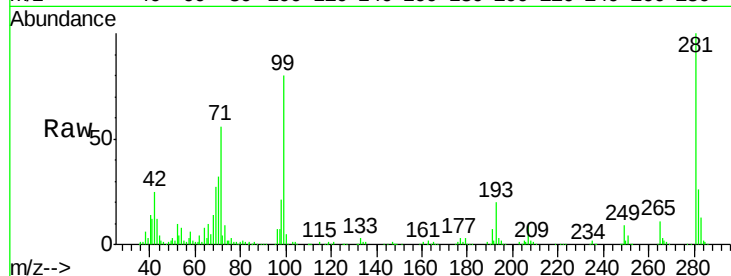
Tgt Ion: 99 Resp: 432581

Ion Ratio Lower Upper

99 100

42 31.5 11.0 16.4#

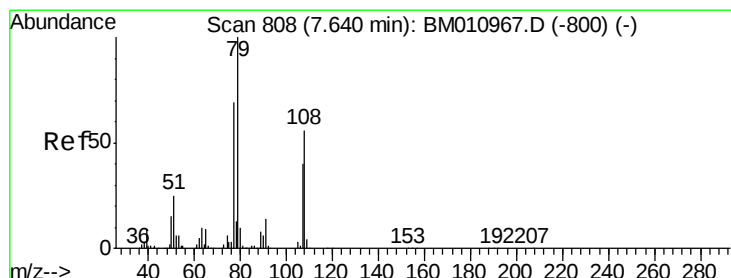
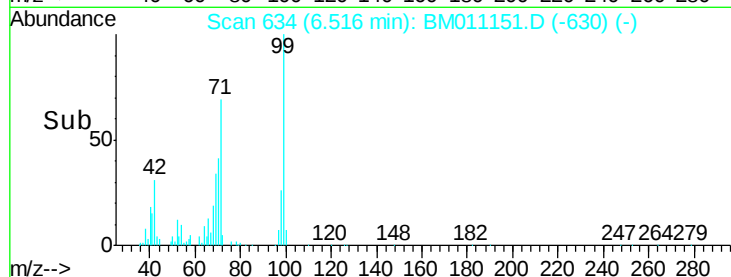
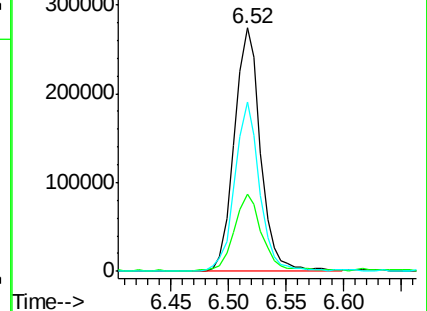
71 69.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#15

Benzyl Alcohol

Concen: 2.486 ng

RT: 7.63 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

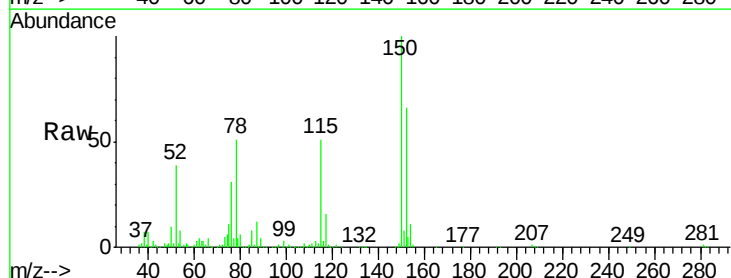
Tgt Ion: 79 Resp: 26076

Ion Ratio Lower Upper

79 100

108 48.0 65.0 97.4#

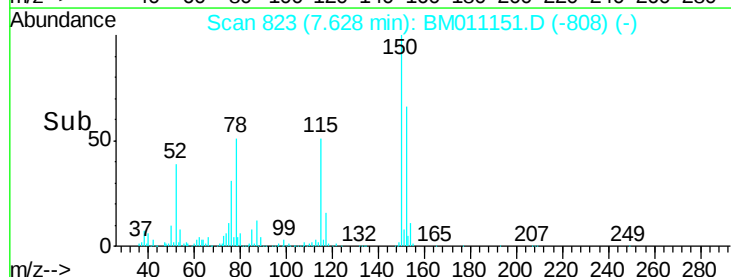
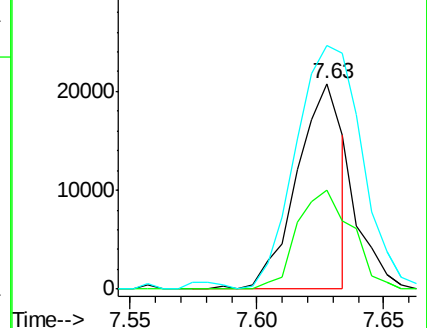
77 118.5 53.0 79.6#

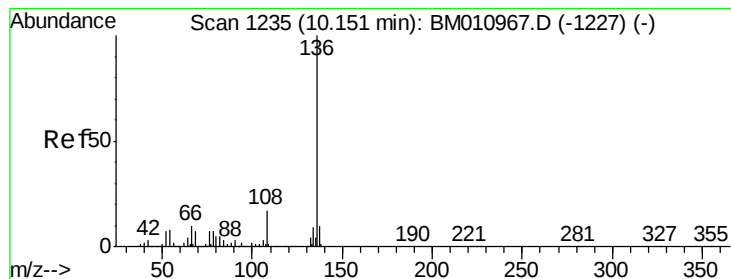


Abundance Ion 79.00 (78.70 to 79.70): BM010967.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM010967.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM010967.D (-800) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

Tgt Ion: 136 Resp: 418910

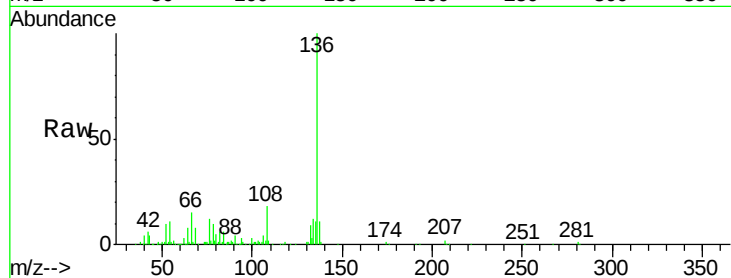
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.0 4.6 6.8#

68 8.2 3.7 5.5#

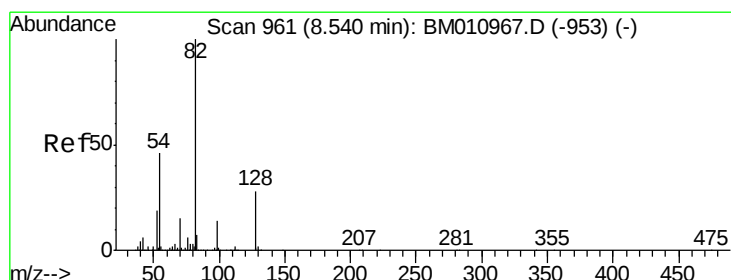
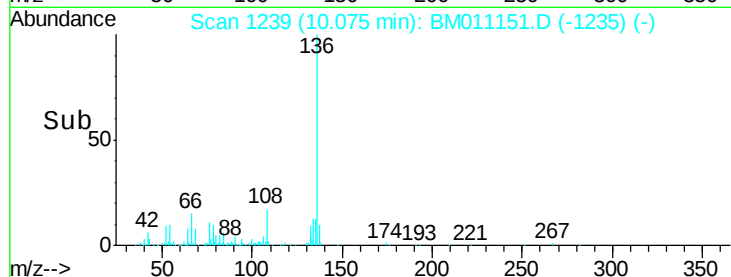
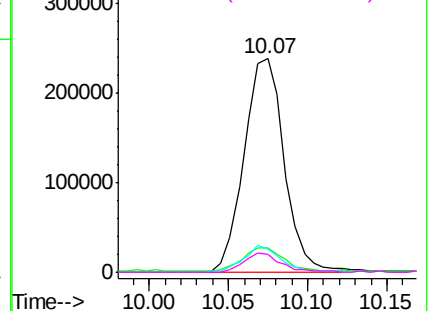


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 118.249 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

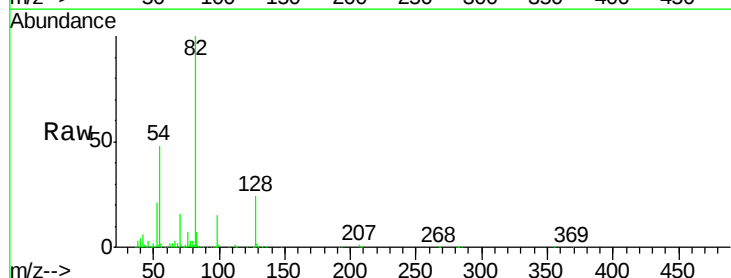
Tgt Ion: 82 Resp: 1319835

Ion Ratio Lower Upper

82 100

128 24.3 32.8 49.2#

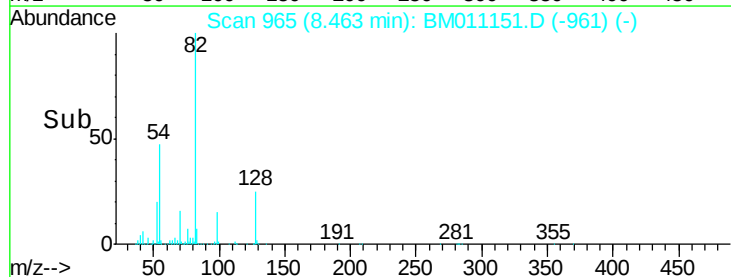
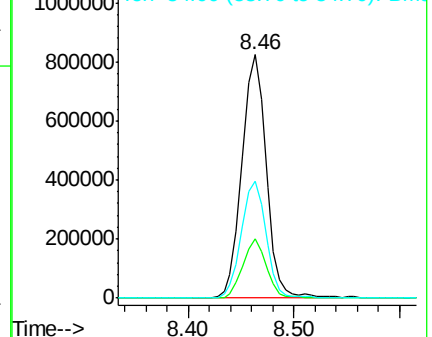
54 48.0 40.6 60.8

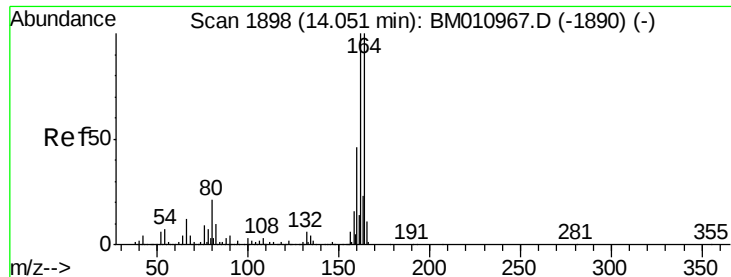


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1903

Delta R.T. -0.07 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

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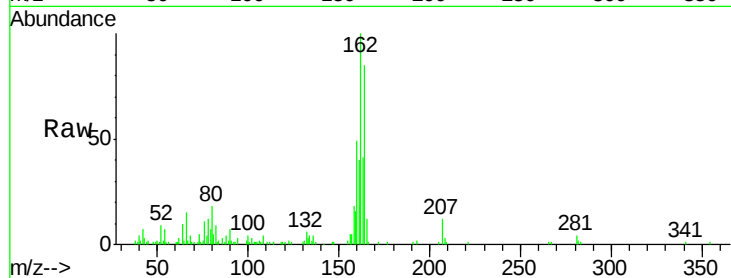
Tgt Ion:164 Resp: 76646

Ion Ratio Lower Upper

164 100

162 117.3 82.4 123.6

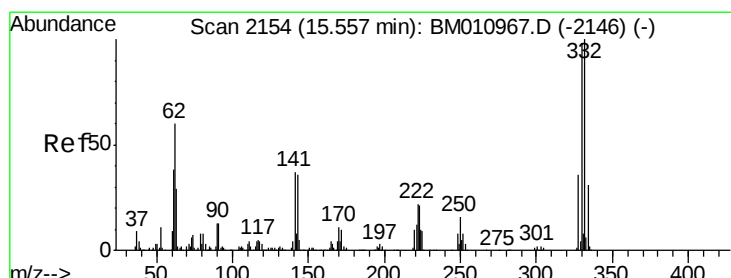
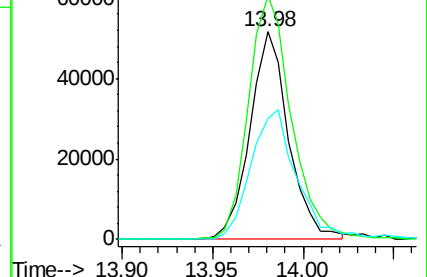
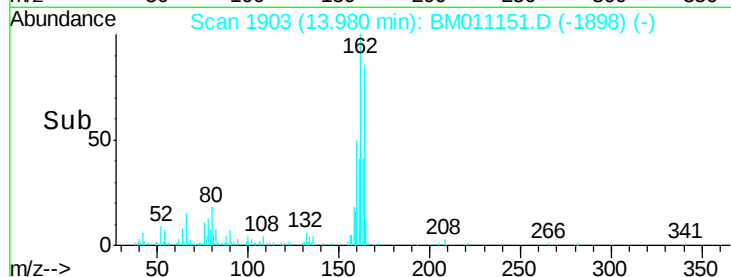
160 58.0 35.8 53.6#



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



#41

2,4,6-Tribromophenol

Concen: 690.207 ng

RT: 15.49 min Scan# 2159

Delta R.T. -0.07 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

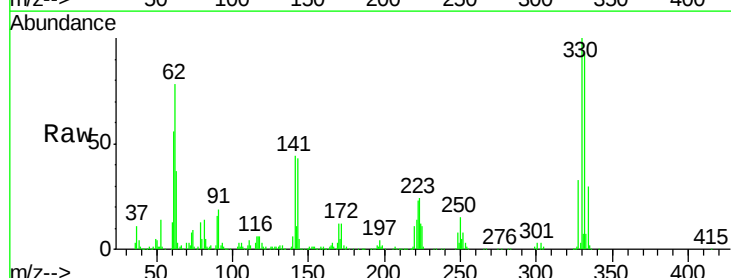
Tgt Ion:330 Resp: 847902

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

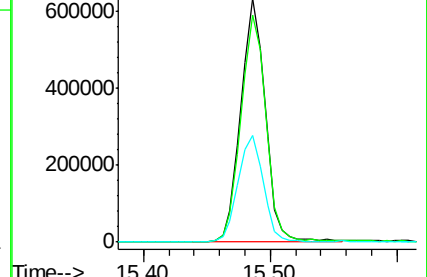
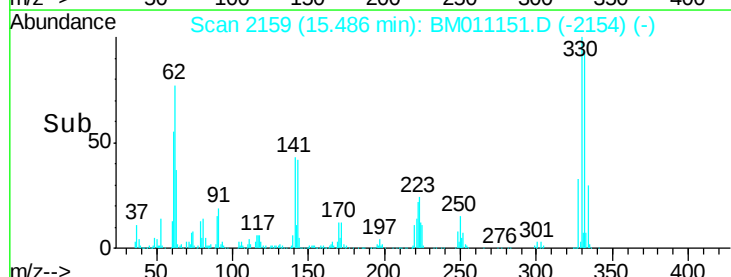
141 44.9 0.0 0.0#

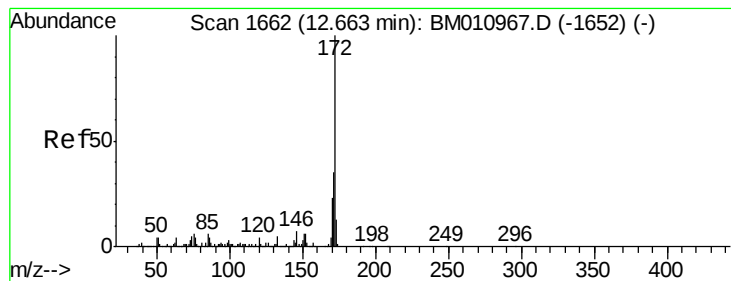


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 414.687 ng

RT: 12.59 min Scan# 1666

Delta R.T. -0.08 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

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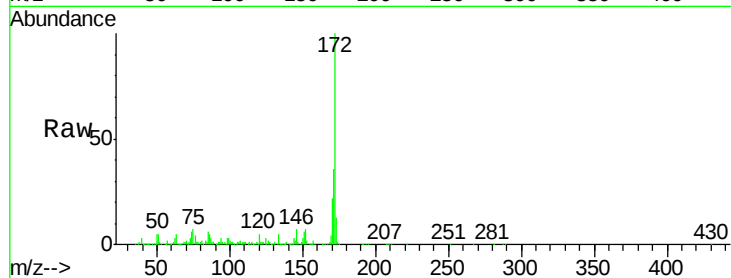
Tgt Ion:172 Resp: 2534343

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

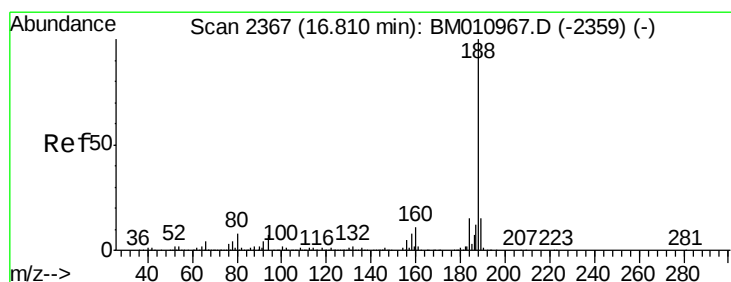
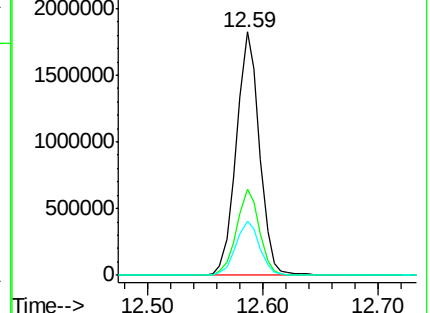
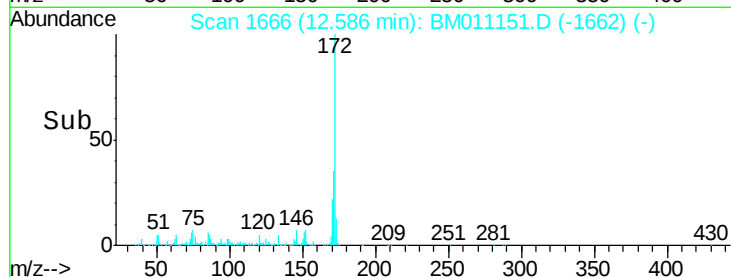
170 22.4 18.8 28.2



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: 20.000 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

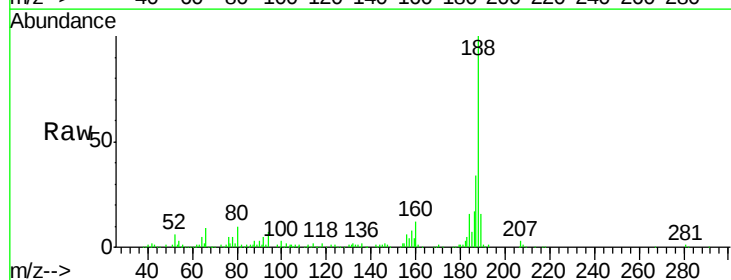
Tgt Ion:188 Resp: 317183

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

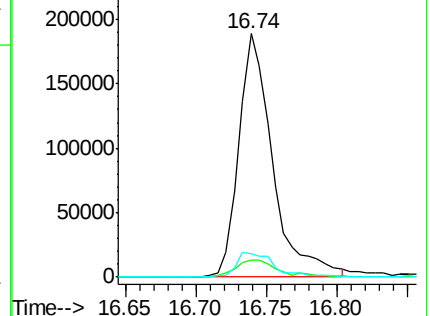
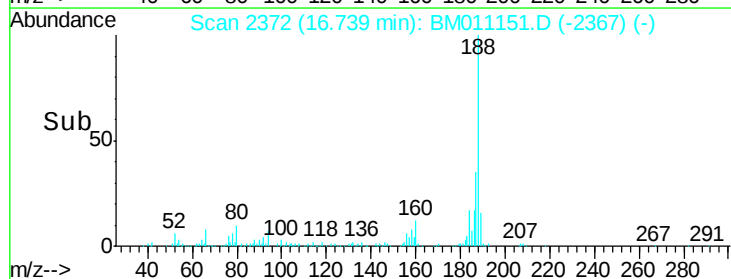
80 9.8 9.3 13.9

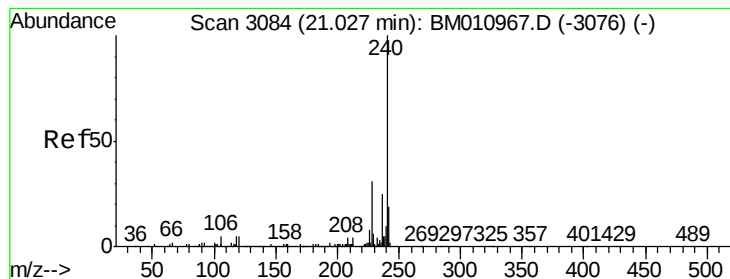


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.90 min Scan# 3080

Delta R.T. -0.12 min

Lab File: BM011151.D

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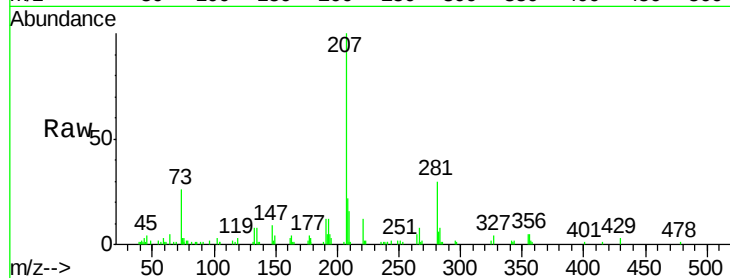
Tgt Ion:240 Resp: 540

Ion Ratio Lower Upper

240 100

120 0.0 8.2 12.2#

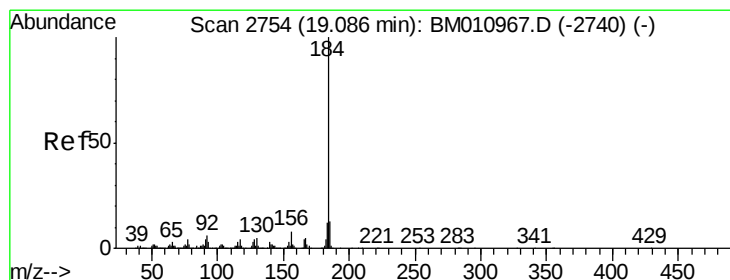
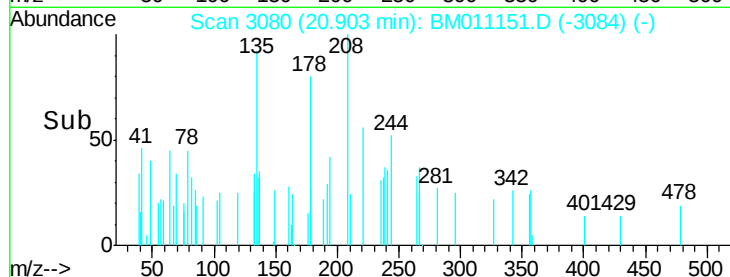
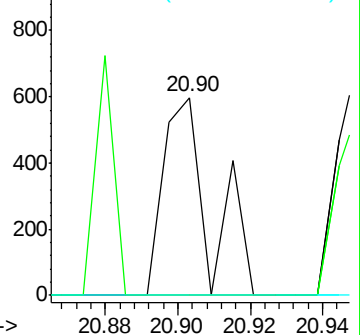
236 0.0 20.0 30.0#



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



#76

Benzidine

Concen: 21.597 ng

RT: 18.97 min Scan# 2752

Delta R.T. -0.11 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

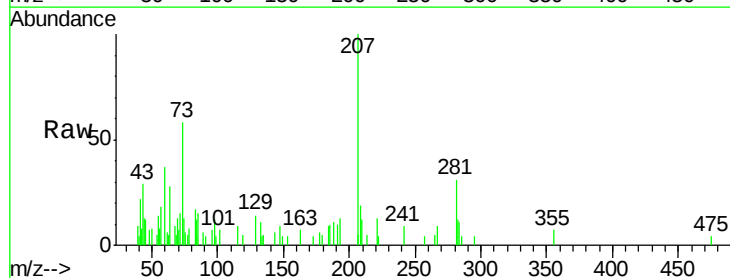
Tgt Ion:184 Resp: 279

Ion Ratio Lower Upper

184 100

185 112.5 11.3 16.9#

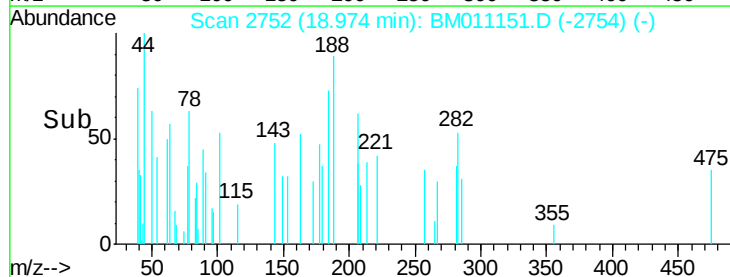
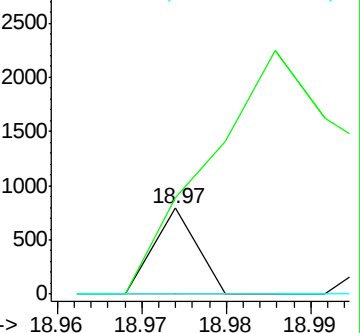
183 0.0 8.9 13.3#

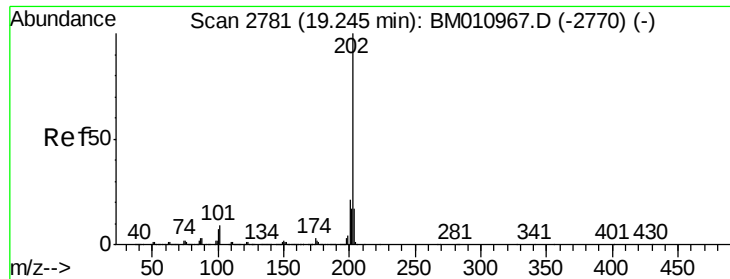


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

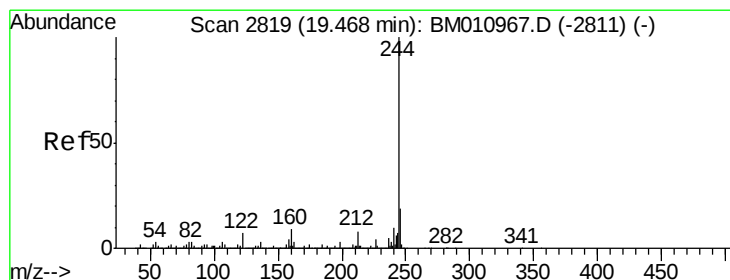
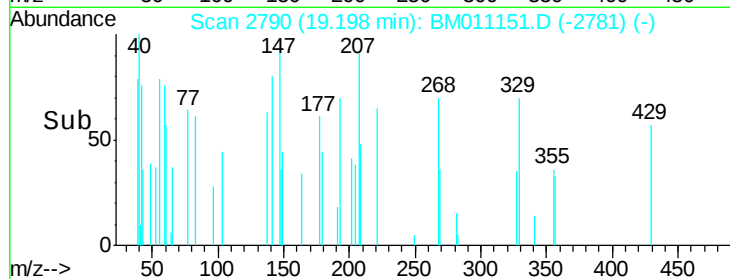
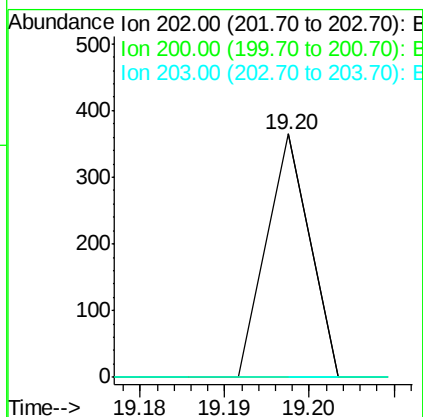
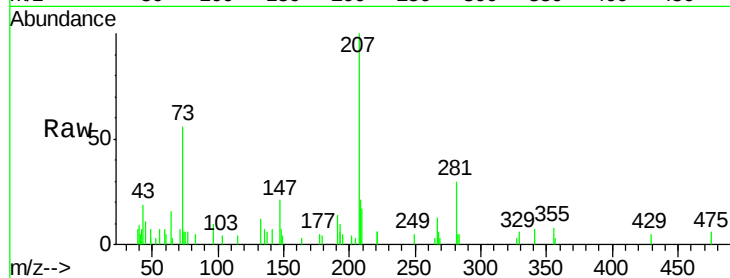




#77
 Pyrene
 Concen: 4.020 ng
 RT: 19.20 min Scan# 2790
 Delta R.T. -0.05 min
 Lab File: BM011151.D
 Acq: 05 Aug 2017 20:32

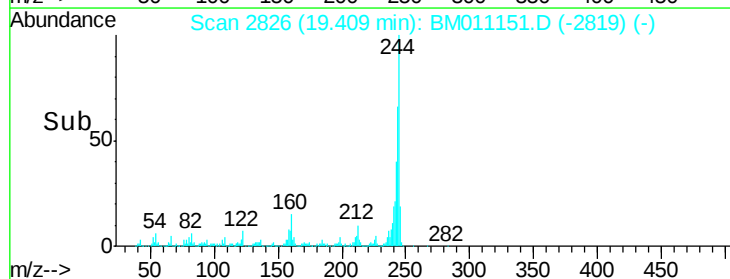
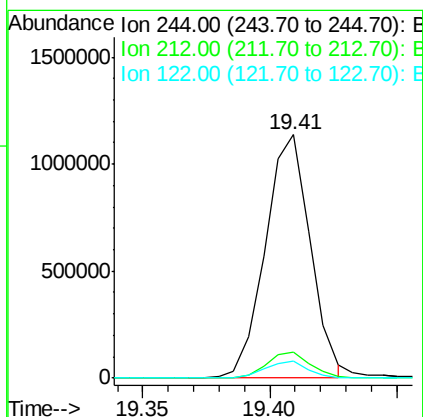
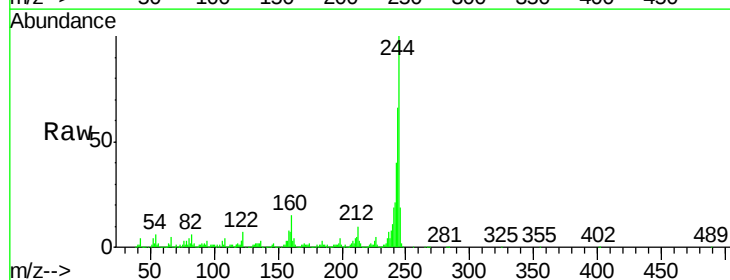
Instrument :
 BNA_M
 ClientSampled :
 A4129RE

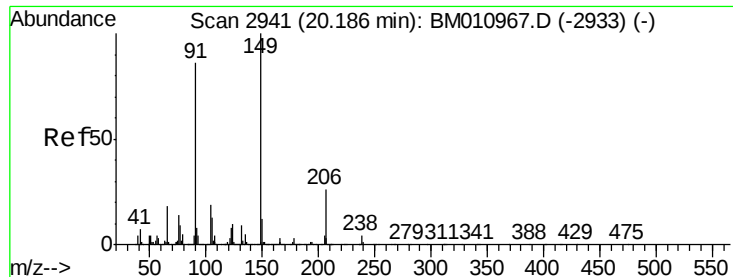
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



#78
 Terphenyl-d14
 Concen: 51235.226 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011151.D
 Acq: 05 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.1	6.2	9.4

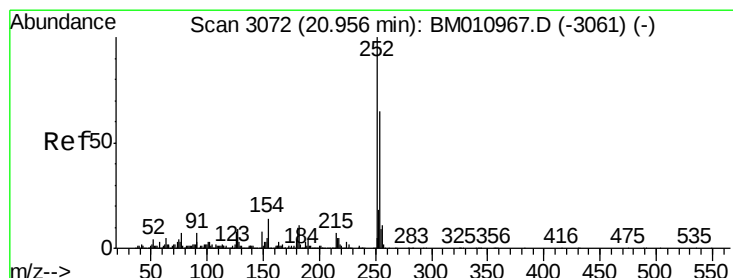
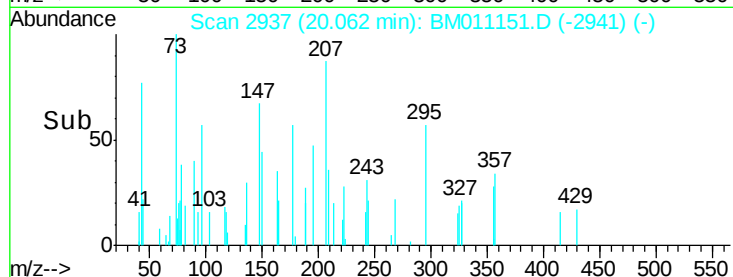
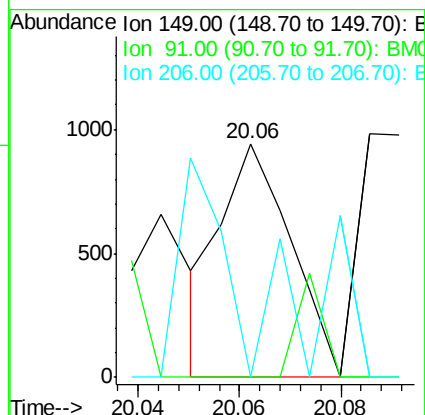
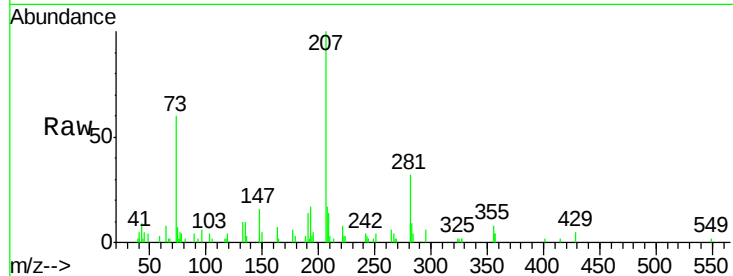




#79
Butylbenzylphthalate
Concen: 80.107 ng
RT: 20.06 min Scan# 2937
Delta R.T. -0.12 min
Lab File: BM011151.D
Acq: 05 Aug 2017 20:32

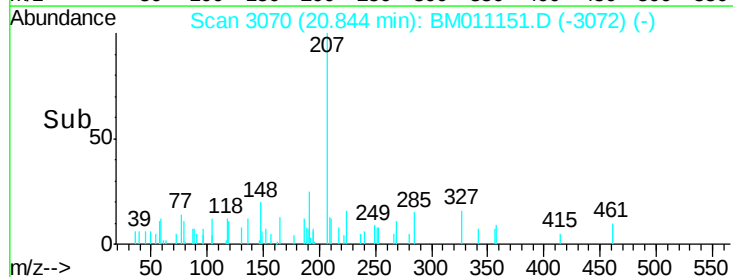
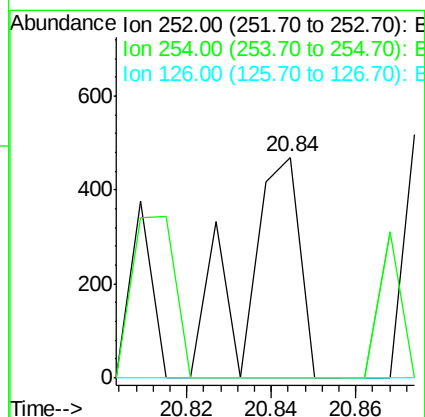
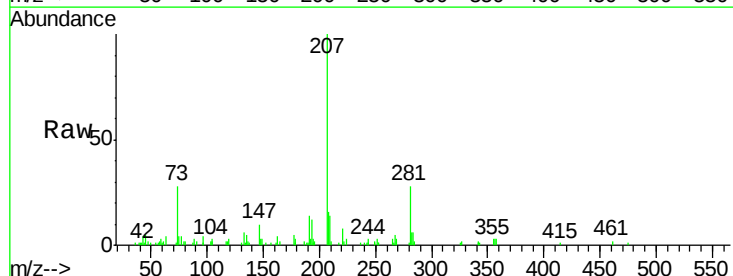
Instrument :
BNA_M
ClientSampleId :
A4129RE

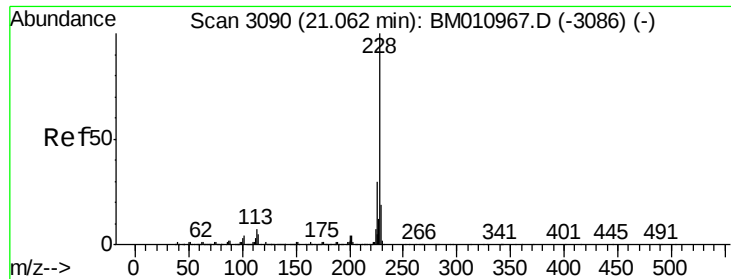
Tgt Ion:149 Resp: 914
Ion Ratio Lower Upper
149 100
91 0.0 50.1 75.1#
206 0.0 16.2 24.2#



#81
3,3'-Dichlorobenzidine
Concen: 35.632 ng
RT: 20.84 min Scan# 3070
Delta R.T. -0.11 min
Lab File: BM011151.D
Acq: 05 Aug 2017 20:32

Tgt Ion:252 Resp: 431
Ion Ratio Lower Upper
252 100
254 0.0 51.9 77.9#
126 0.0 9.8 14.8#





#82

Chrysene

Concen: 12.062 ng

RT: 20.96 min Scan# 3090

Delta R.T. -0.10 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

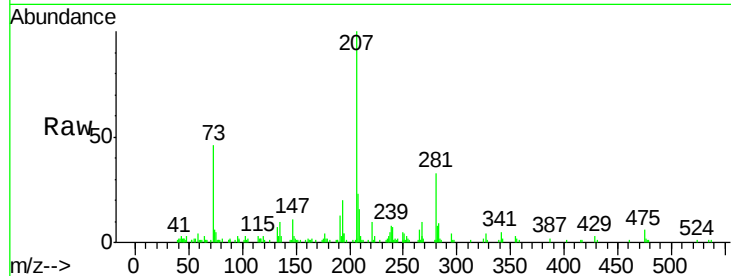
Tgt Ion:228 Resp: 357

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

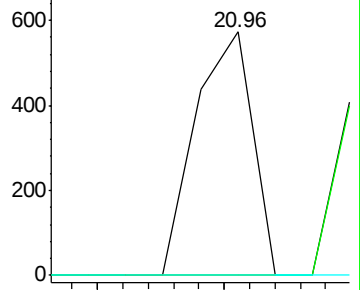
229 0.0 15.5 23.3#



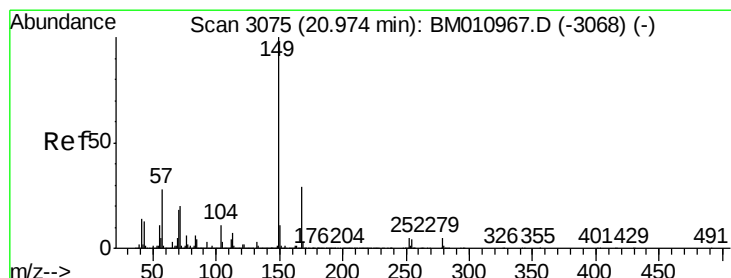
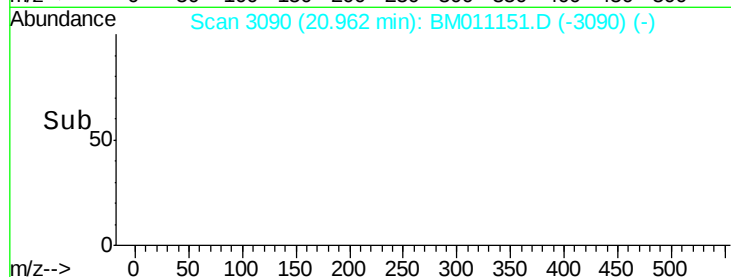
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.896 ng

RT: 20.83 min Scan# 3068

Delta R.T. -0.14 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

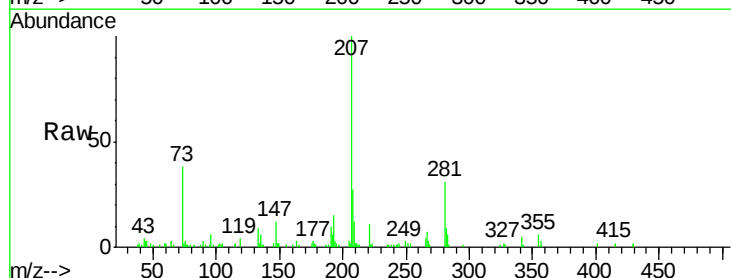
Tgt Ion:149 Resp: 955

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

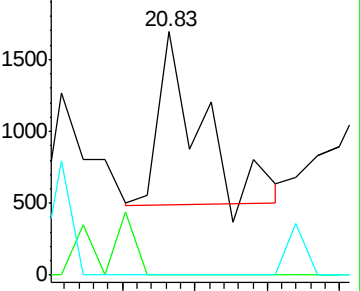
279 0.0 3.4 5.0#



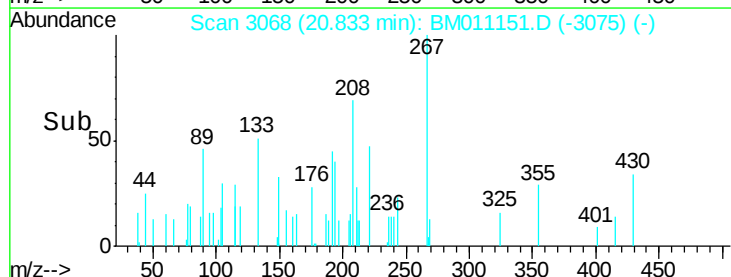
Abundance Ion 149.00 (148.70 to 149.70): E

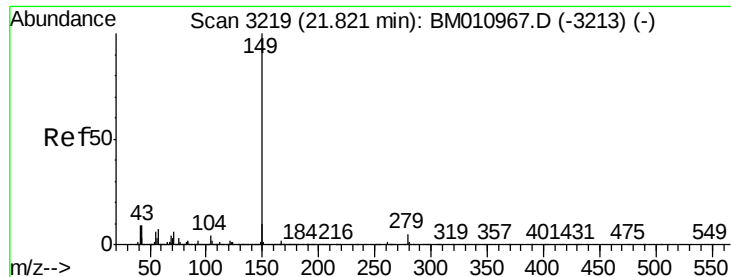
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 39.717 ng

RT: 21.69 min Scan# 3214

Delta R.T. -0.13 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

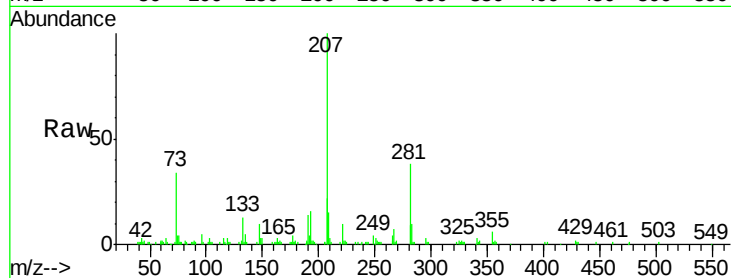
Tgt Ion:149 Resp: 1082

Ion Ratio Lower Upper

149 100

167 18.9 1.2 1.8#

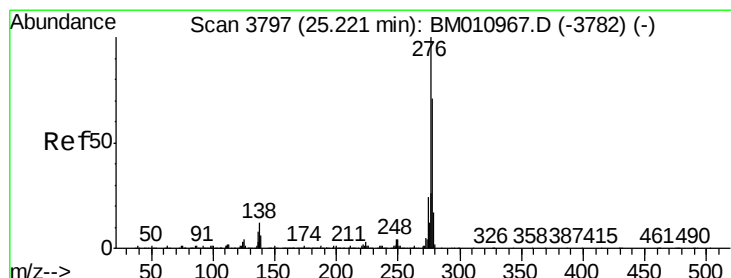
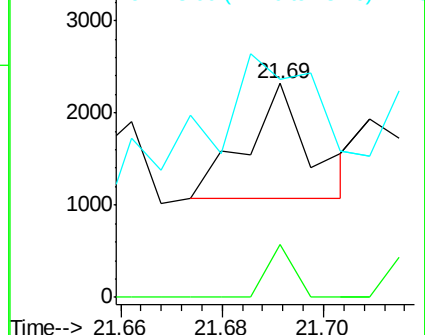
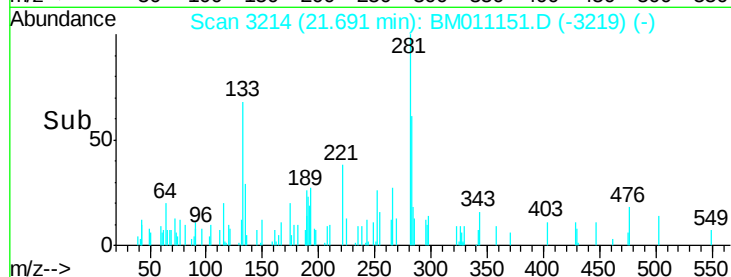
43 345.3 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.057 ng

RT: 25.25 min Scan# 3819

Delta R.T. 0.03 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

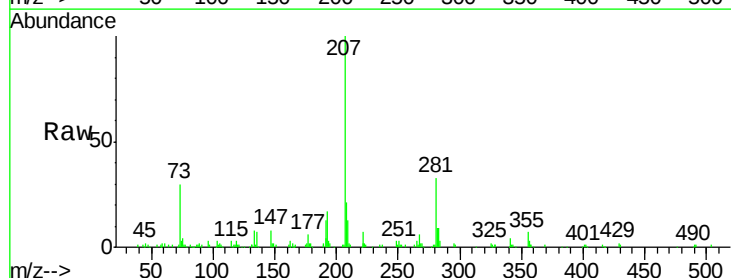
Tgt Ion:276 Resp: 155

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

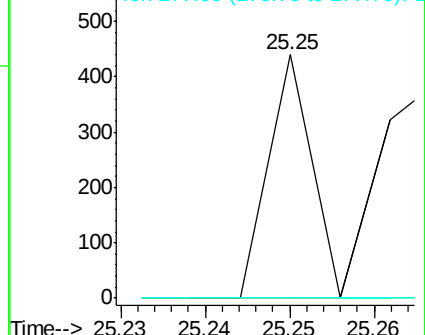
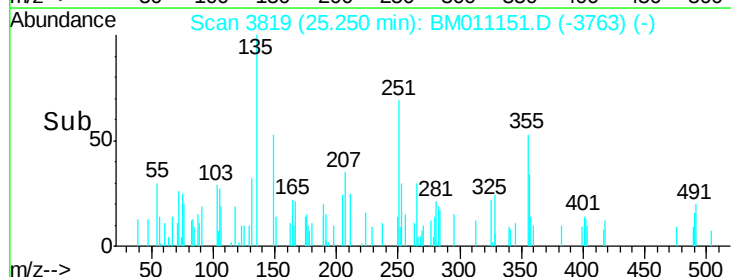
277 0.0 20.0 30.0#

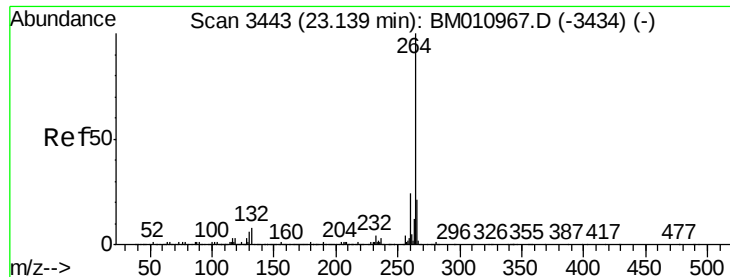


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.04 min Scan# 3444

Delta R.T. -0.09 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

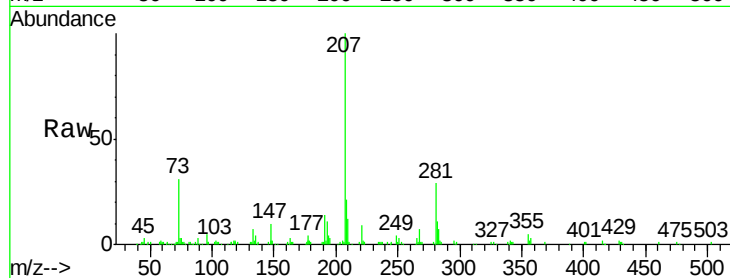
Tgt Ion:264 Resp: 131

Ion Ratio Lower Upper

264 100

260 0.0 18.6 27.8#

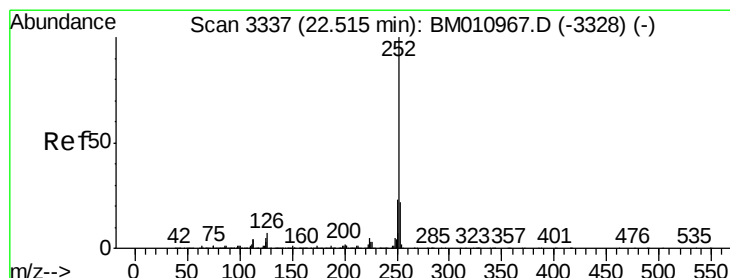
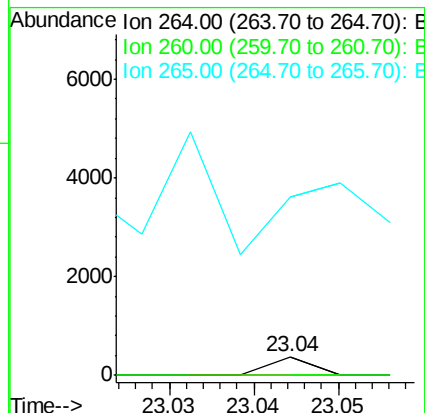
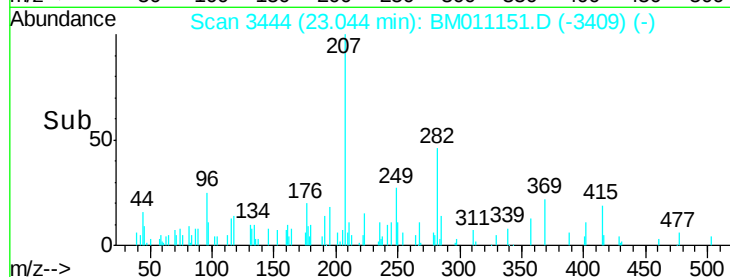
265 973.3 17.3 25.9#



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: 245.725 ng

RT: 22.41 min Scan# 3337

Delta R.T. -0.10 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

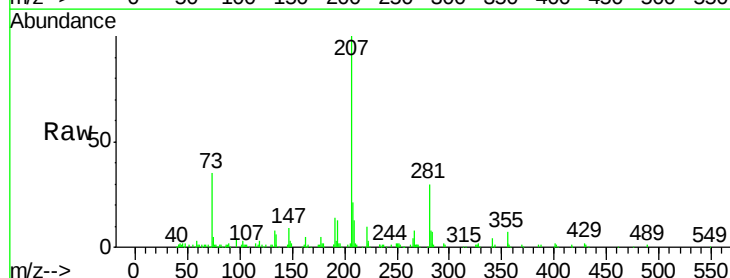
Tgt Ion:252 Resp: 2066

Ion Ratio Lower Upper

252 100

253 67.1 18.0 27.0#

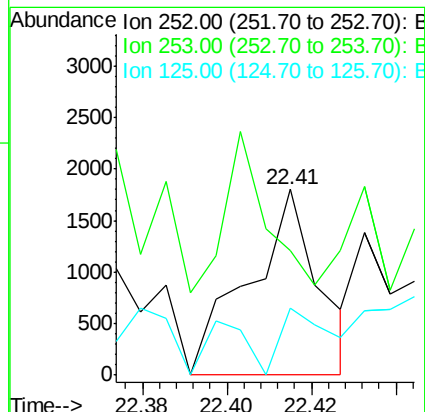
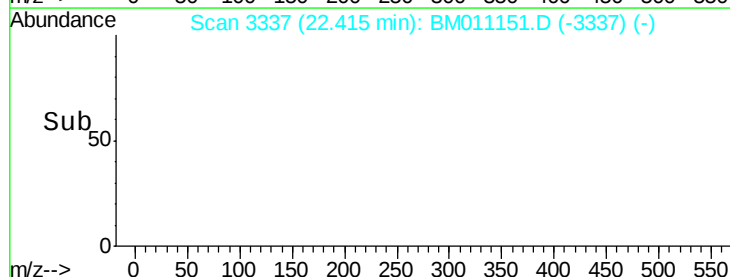
125 36.1 9.9 14.9#

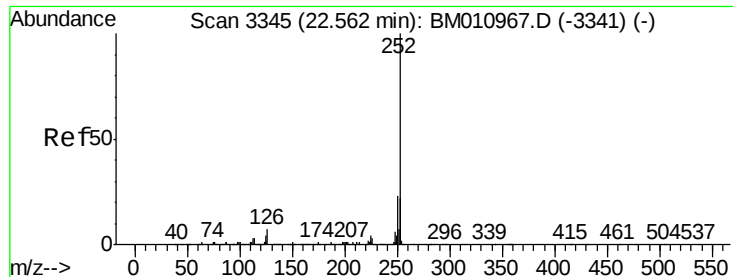


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 107.961 ng

RT: 22.46 min Scan# 3345

Delta R.T. -0.10 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

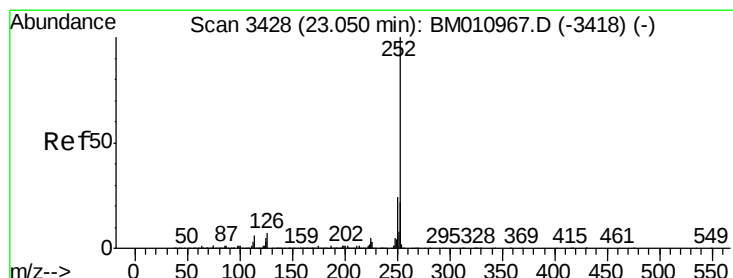
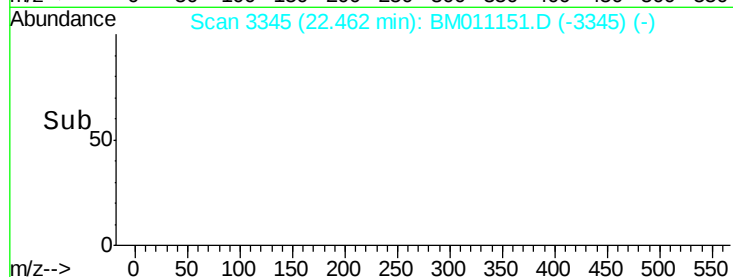
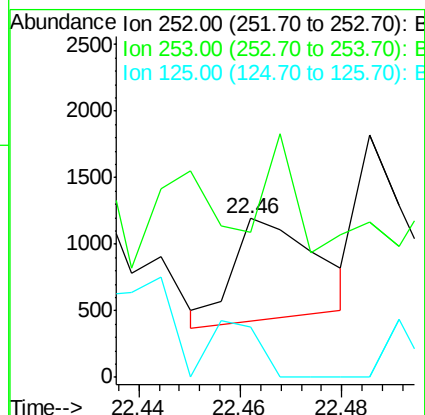
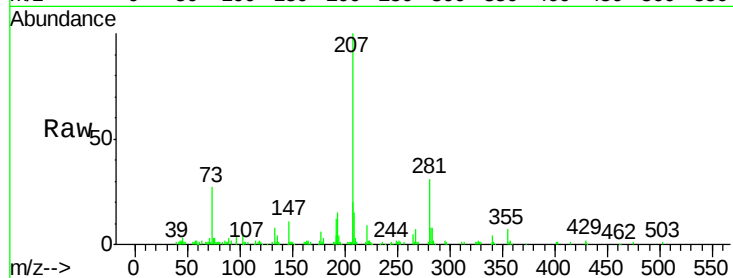
Instrument :

BNA_M

ClientSampleId :

A4129RE

Tgt Ion:	252	Resp:	870
Ion Ratio	Lower	Upper	
252	100		
253	91.6	17.2	25.8#
125	31.5	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 189.277 ng

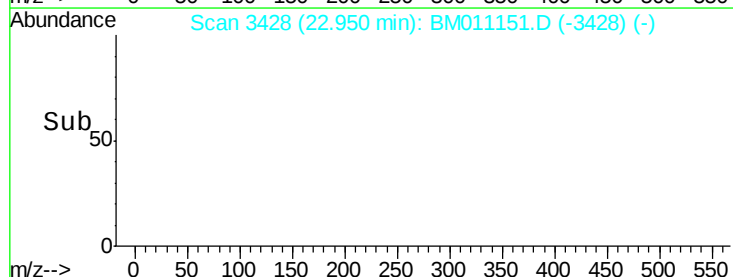
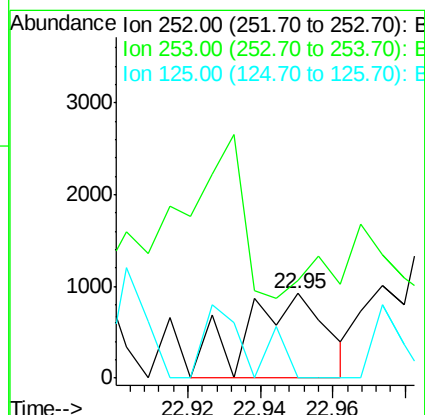
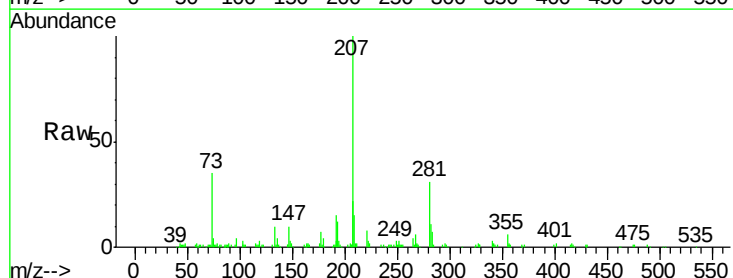
RT: 22.95 min Scan# 3428

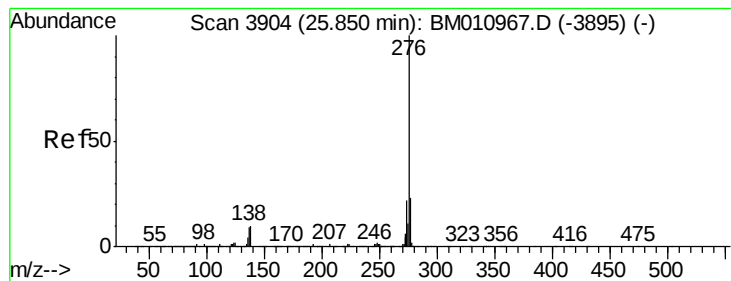
Delta R.T. -0.10 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Tgt Ion:	252	Resp:	1440
Ion Ratio	Lower	Upper	
252	100		
253	115.7	17.6	26.4#
125	0.0	7.4	11.2#





#91

Benzo(g,h,i)perylene

Concen: 32.200 ng

RT: 25.79 min Scan# 3911

Delta R.T. -0.06 min

Lab File: BM011151.D

Acq: 05 Aug 2017 20:32

Instrument :

BNA_M

ClientSampleId :

A4129RE

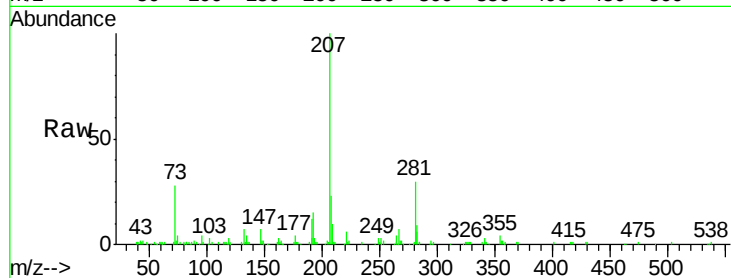
Tgt Ion:276 Resp: 223

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

