

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072617\
 Data File : BM010995.D
 Acq On : 27 Jul 2017 05:47
 Operator : SJ/JU
 Sample : I4391-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-B

Quant Time: Jul 27 08:53:18 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

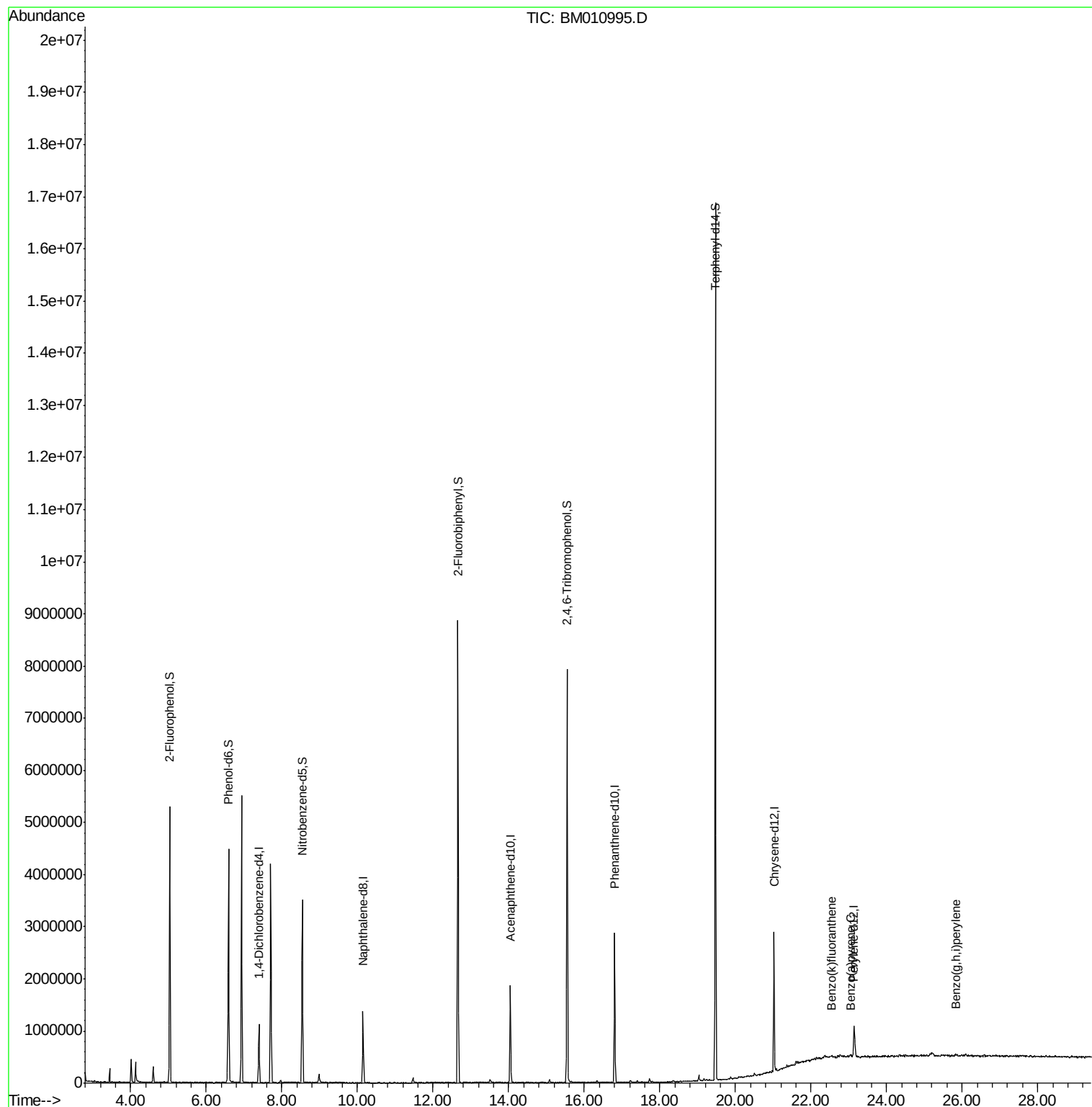
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	234320	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	898062	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	522140	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1438065	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1166920	20.00	ng	0.00
86) Perylene-d12	23.14	264	186933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1638855	118.23	ng	0.00
7) Phenol-d6	6.59	99	1976382	100.35	ng	0.00
23) Nitrobenzene-d5	8.54	82	1932815	80.78	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1153162	137.79	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3837687	92.18	ng	0.00
78) Terphenyl-d14	19.47	244	6021184	102.21	ng	0.00
Target Compounds						
88) Benzo(k)fluoranthene	22.55	252	25072	2.180	ng	# 89
89) Benzo(a)pyrene	23.05	252	26571	2.448	ng	# 69
91) Benzo(g,h,i)perylene	25.84	276	39417	3.989	ng	# 79

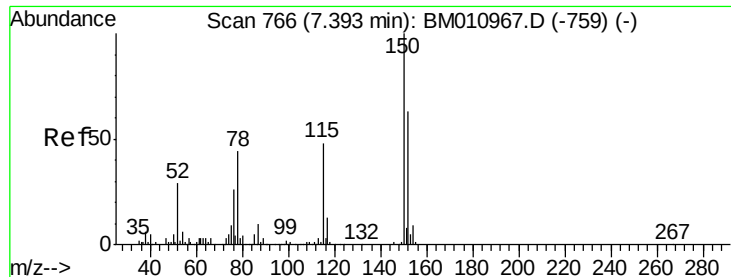
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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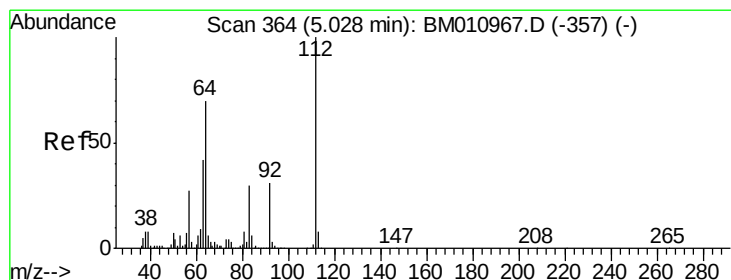
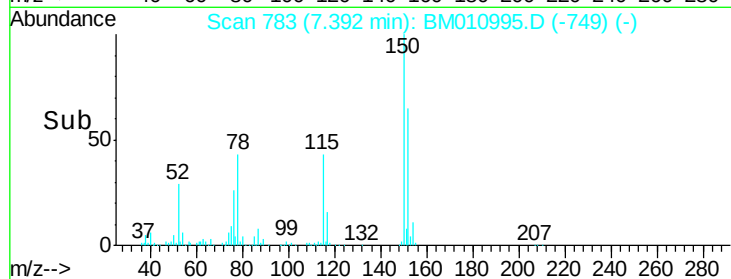
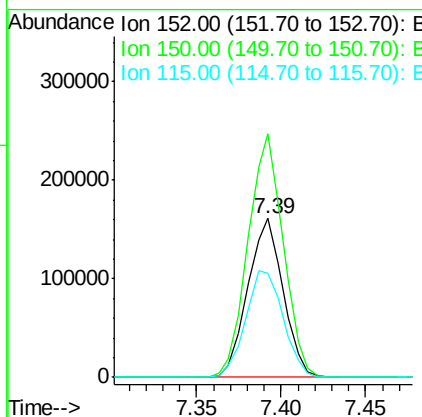
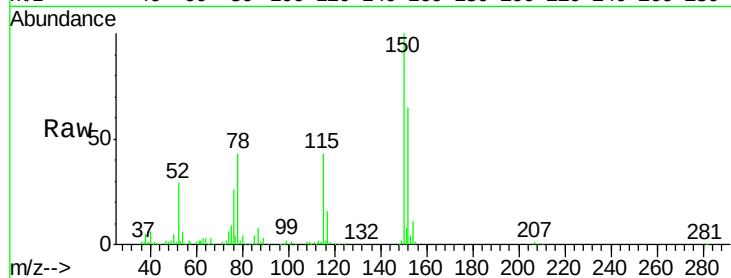


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010995.D
Acq: 27 Jul 2017 05:47

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-B

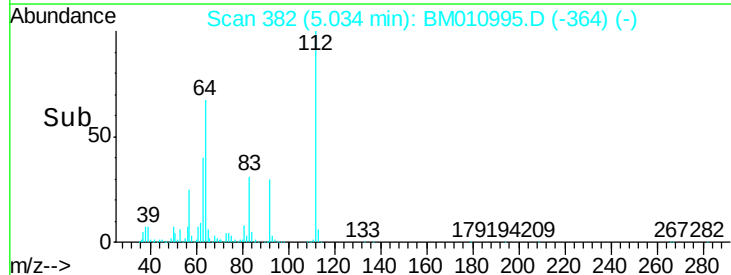
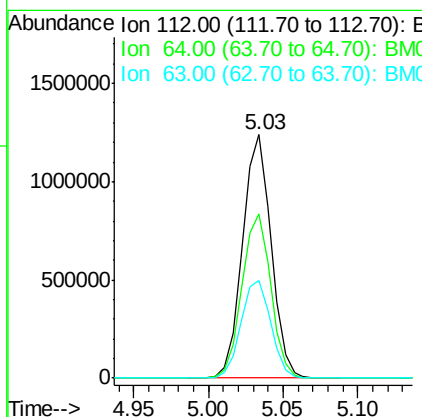
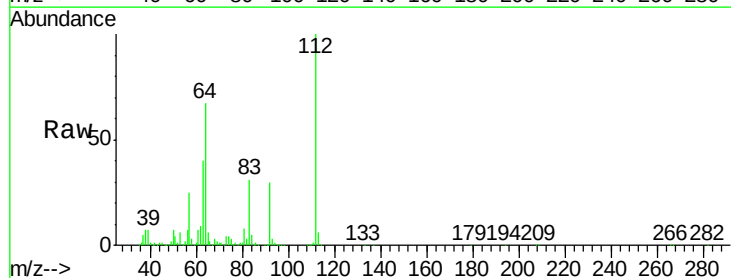
Tgt Ion:152 Resp: 234320
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 65.3 43.0 64.4#

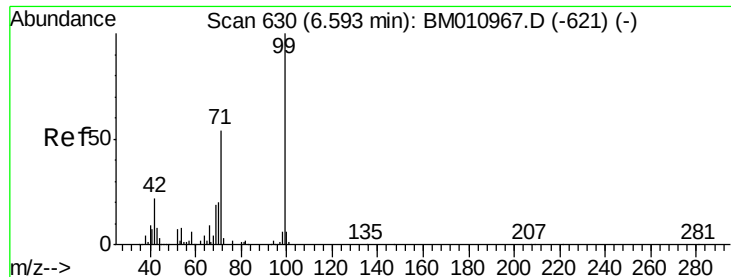


#5

2-Fluorophenol
Concen: 118.231 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010995.D
Acq: 27 Jul 2017 05:47

Tgt Ion:112 Resp: 1638855
Ion Ratio Lower Upper
112 100
64 67.4 38.6 57.8#
63 40.2 19.3 28.9#





#7

Phenol-d6

Concen: 100.351 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-B

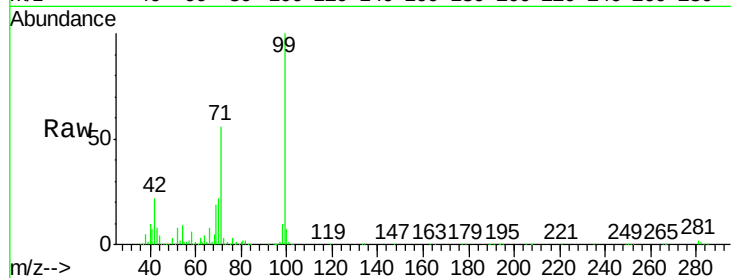
Tgt Ion: 99 Resp: 1976382

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

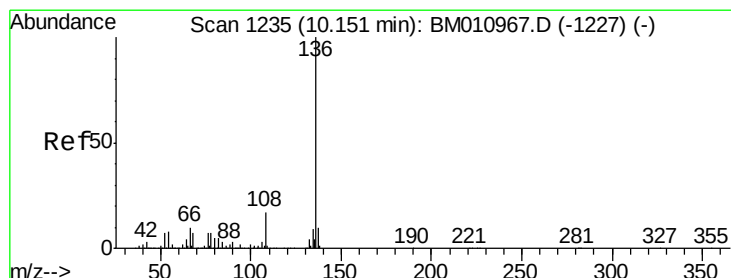
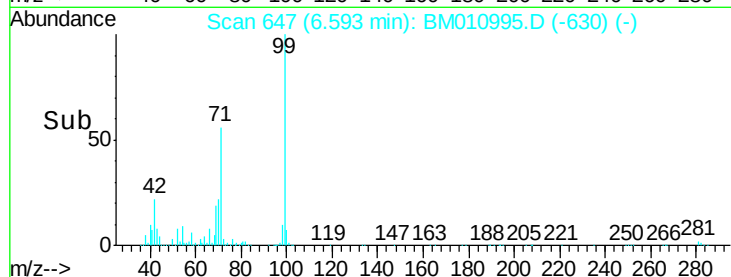
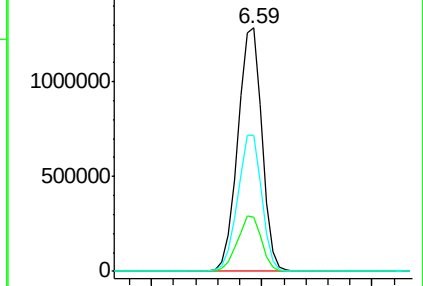
71 56.1 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

Tgt Ion: 136 Resp: 898062

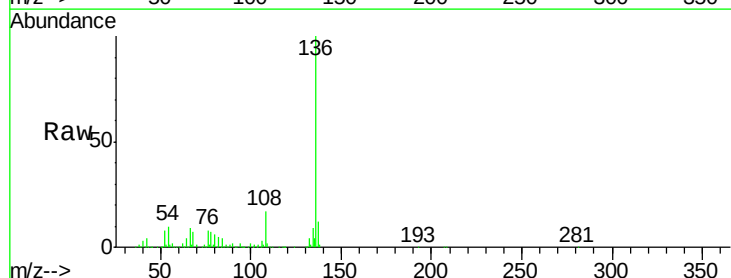
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 9.9 4.6 6.8#

68 7.1 3.7 5.5#

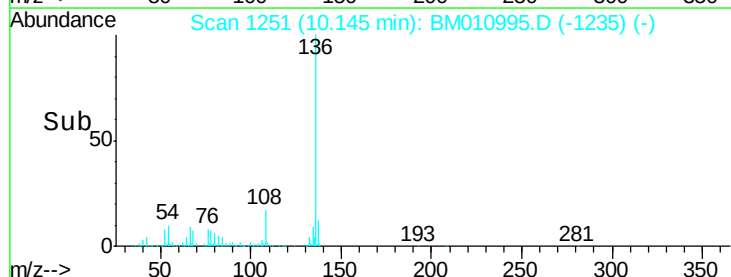
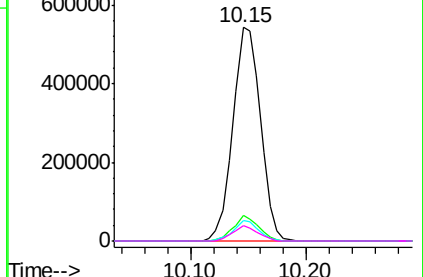


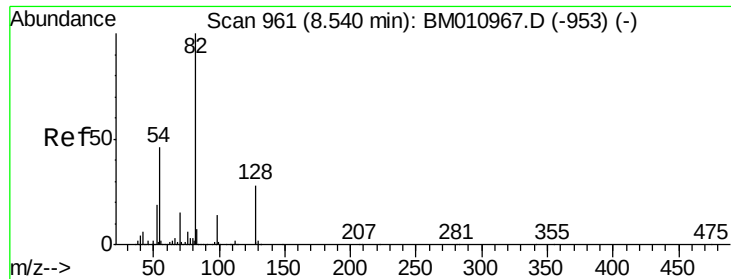
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

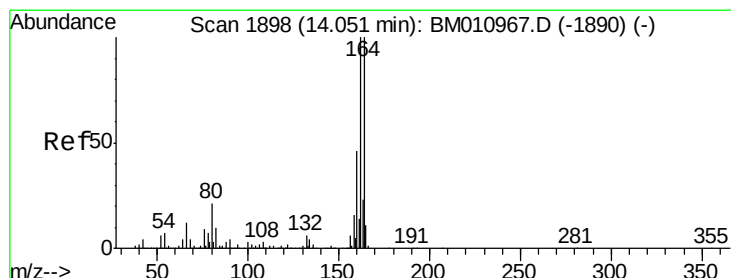
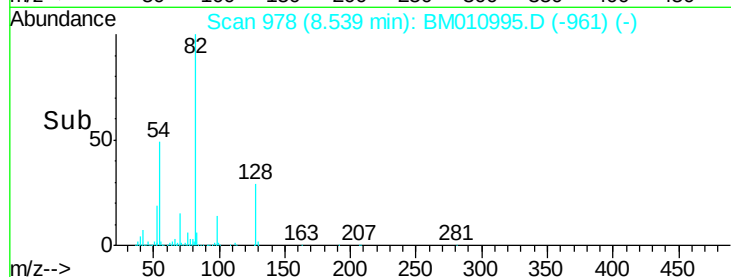
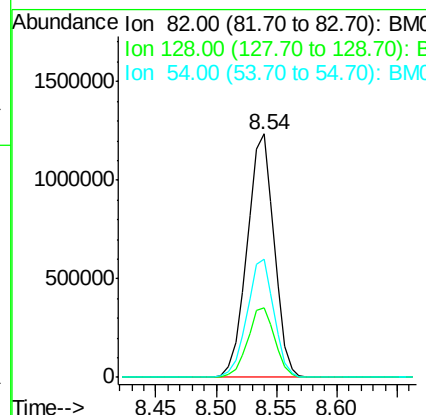
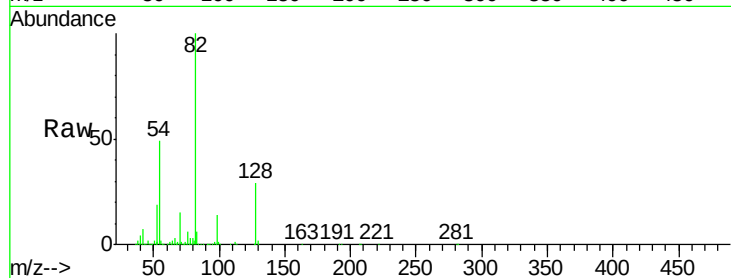




#23
 Nitrobenzene-d5
 Concen: 80.776 ng
 RT: 8.54 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM010995.D
 Acq: 27 Jul 2017 05:47

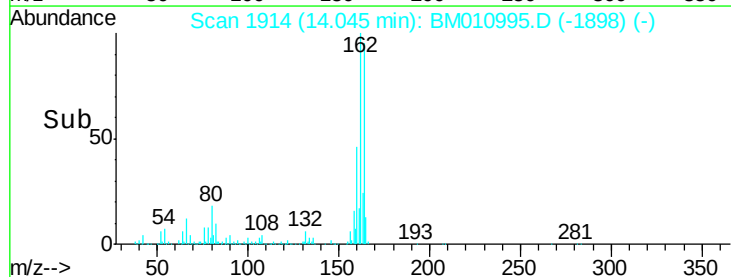
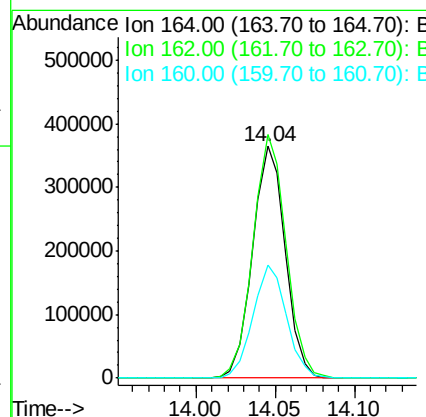
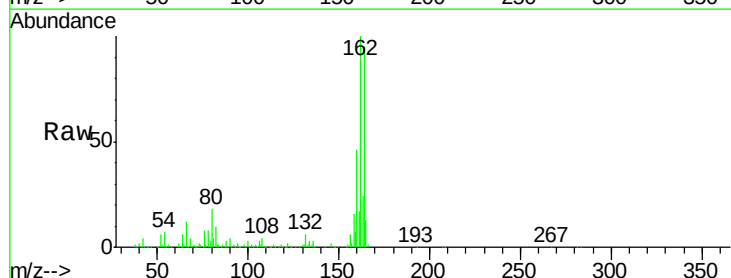
Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-B

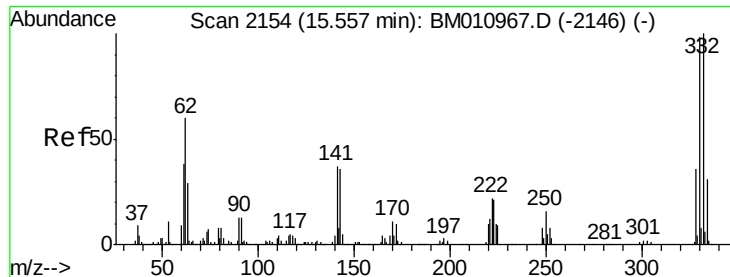
Tgt Ion: 82 Resp: 1932815
 Ion Ratio Lower Upper
 82 100
 128 28.5 32.8 49.2#
 54 48.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM010995.D
 Acq: 27 Jul 2017 05:47

Tgt Ion: 164 Resp: 522140
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 48.8 35.8 53.6

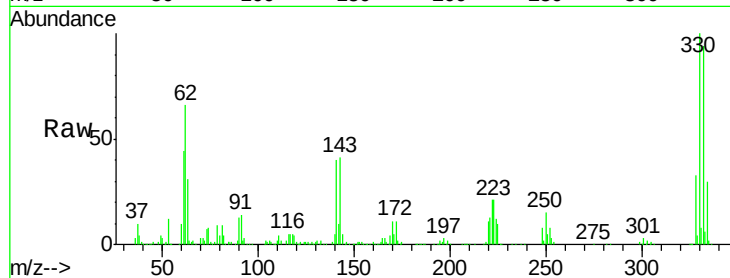




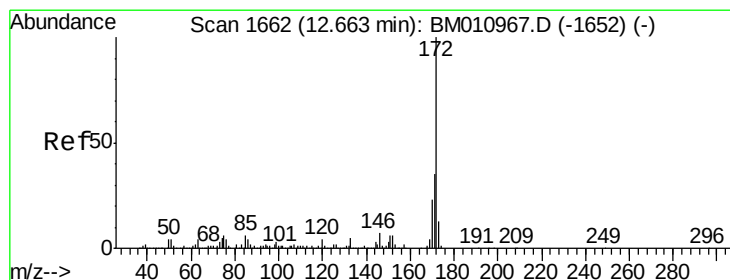
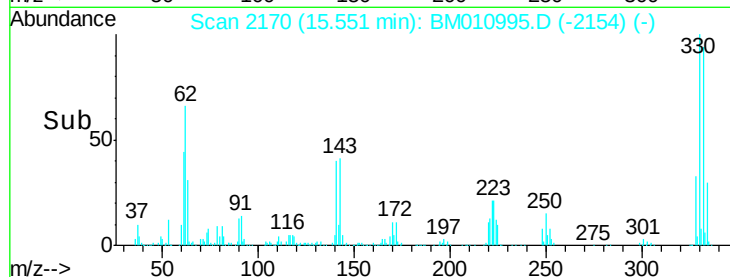
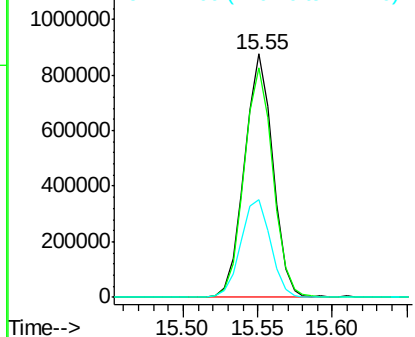
#41
 2,4,6-Tribromophenol
 Concen: 137.793 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM010995.D
 Acq: 27 Jul 2017 05:47

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-B

Tgt Ion:330 Resp: 1153162
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 42.3 0.0 0.0#

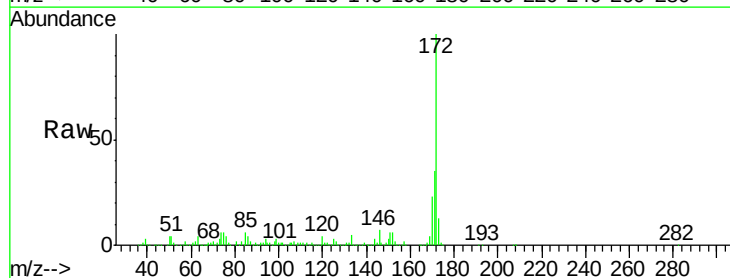


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

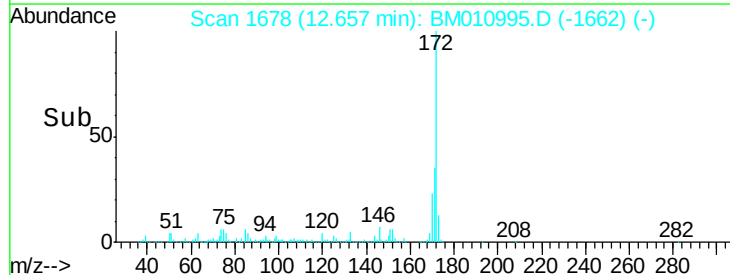
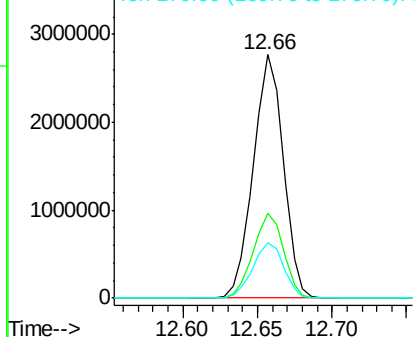


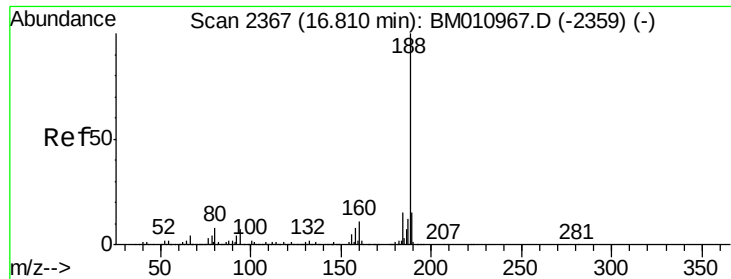
#44
 2-Fluorobiphenyl
 Concen: 92.178 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM010995.D
 Acq: 27 Jul 2017 05:47

Tgt Ion:172 Resp: 3837687
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.0 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: 20.000 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-B

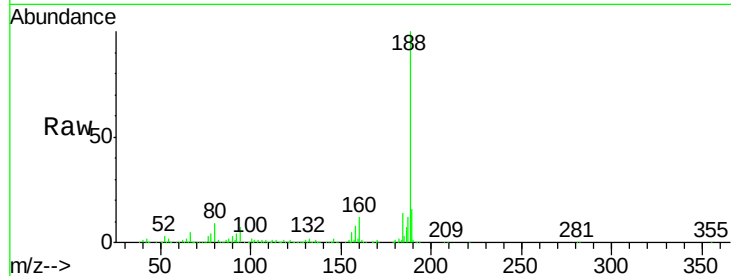
Tgt Ion:188 Resp: 1438065

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

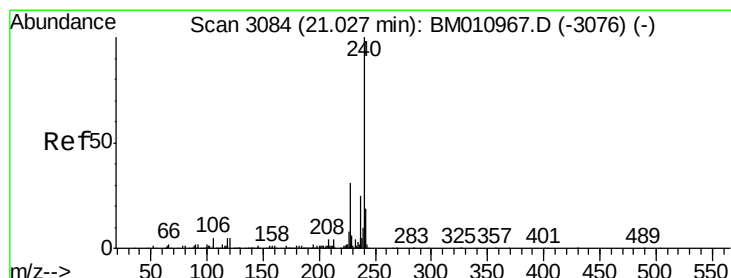
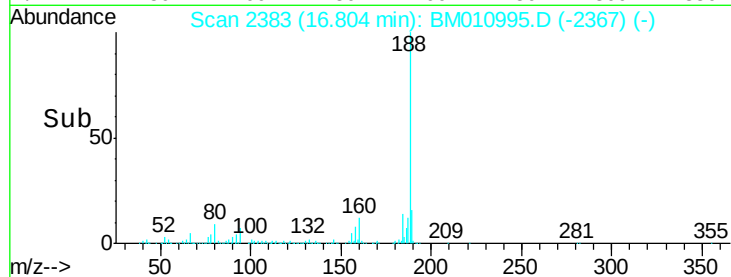
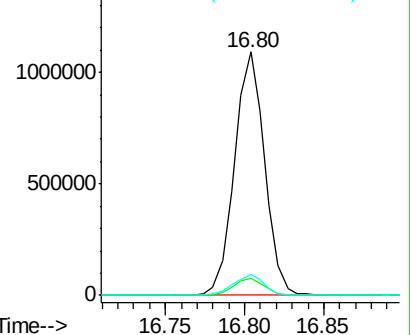
80 8.8 9.3 13.9#



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: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

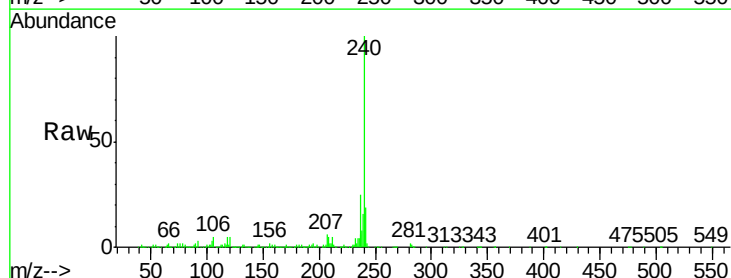
Tgt Ion:240 Resp: 1166920

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

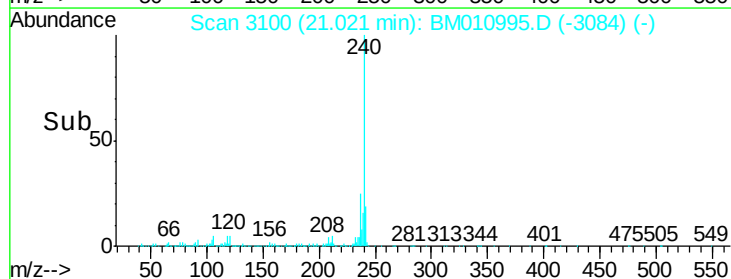
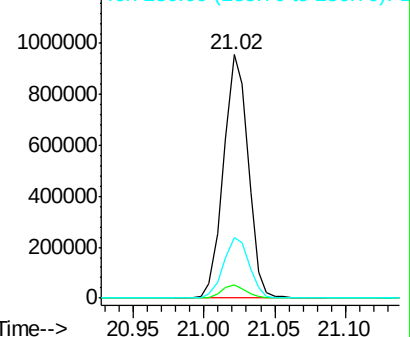
236 25.0 20.0 30.0

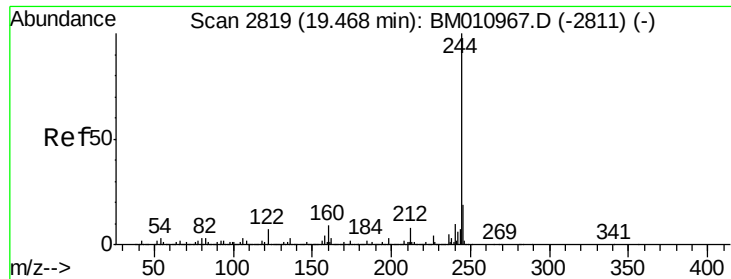


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.211 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

Instrument :

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BU-02-072117-B

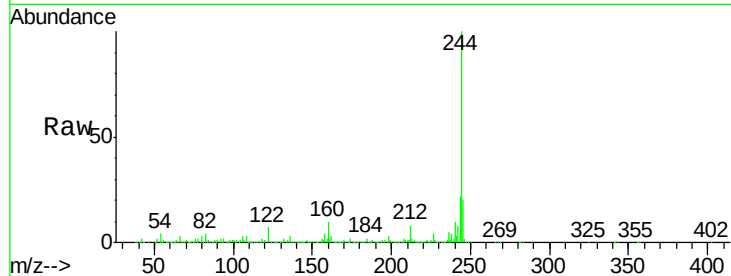
Tgt Ion:244 Resp: 6021184

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

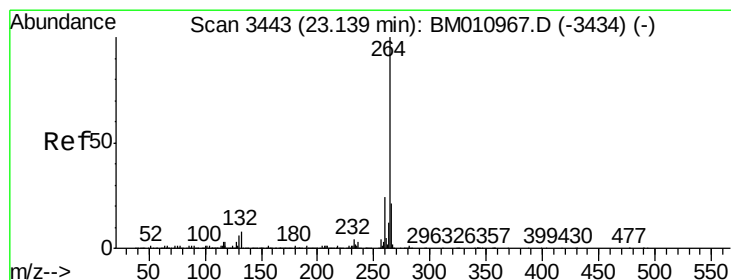
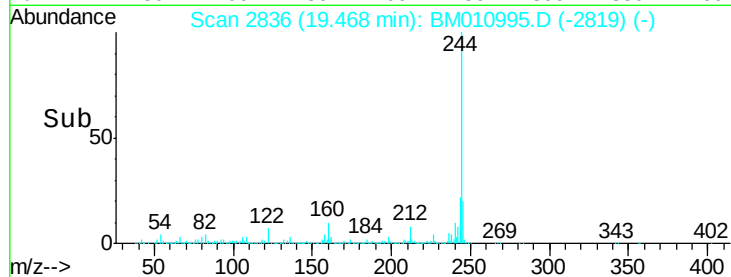
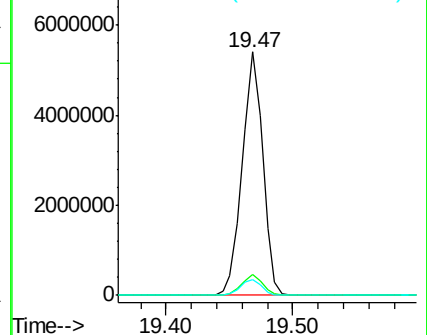
122 6.6 6.2 9.4



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: 20.000 ng

RT: 23.14 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

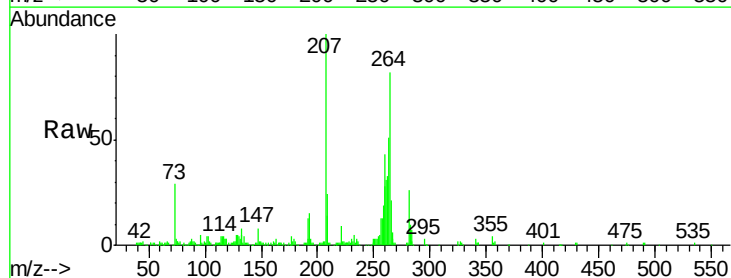
Tgt Ion:264 Resp: 186933

Ion Ratio Lower Upper

264 100

260 53.0 18.6 27.8#

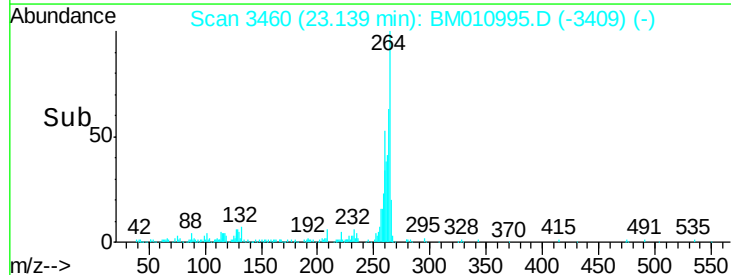
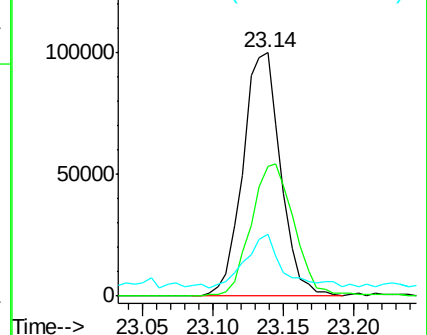
265 25.4 17.3 25.9

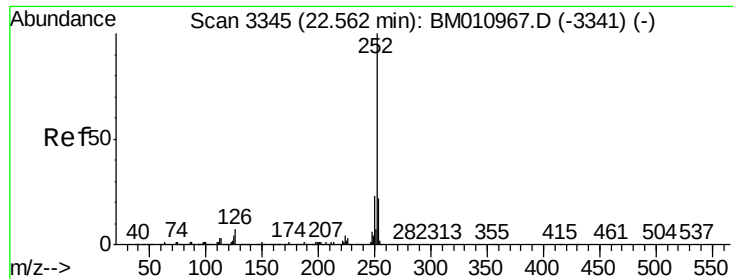


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

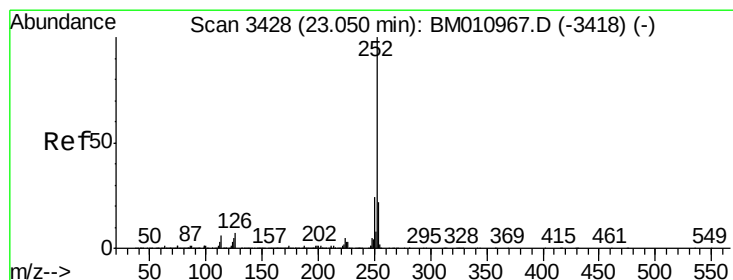
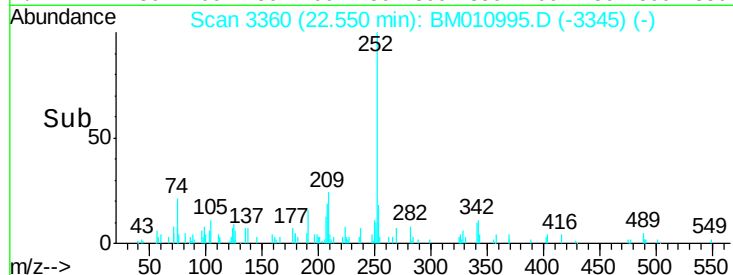
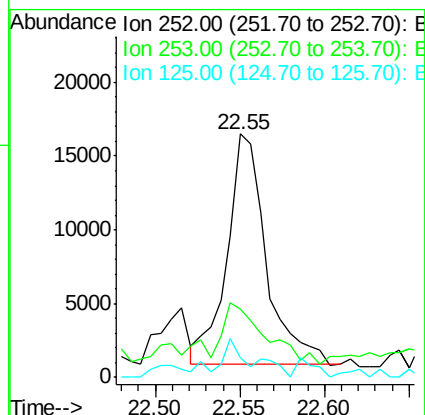
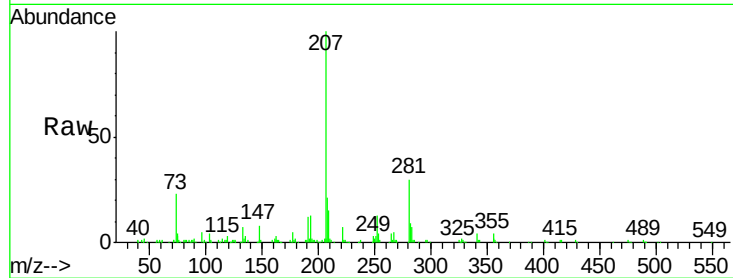




#88
Benzo(k)fluoranthene
Concen: 2.180 ng
RT: 22.55 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM010995.D
Acq: 27 Jul 2017 05:47

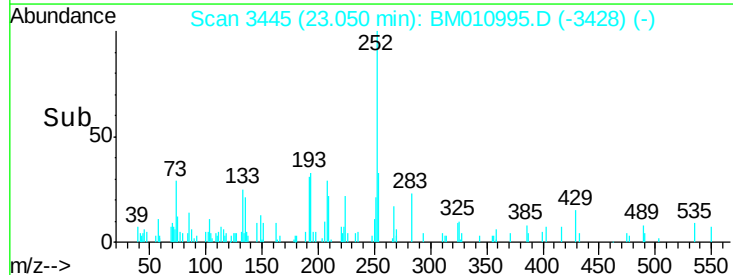
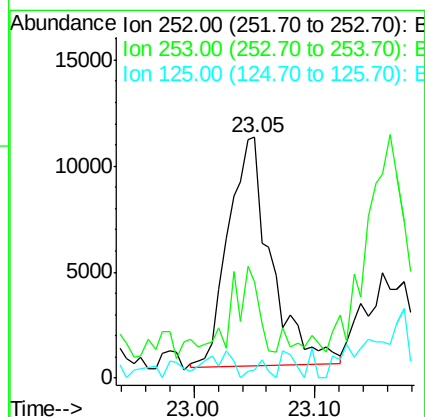
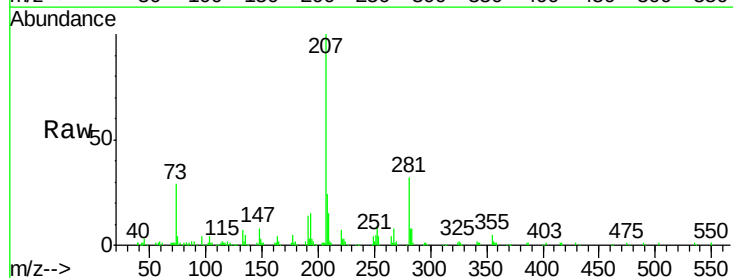
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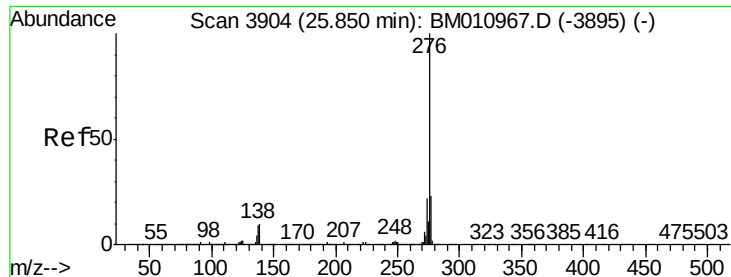
Tgt Ion:252 Resp: 25072
Ion Ratio Lower Upper
252 100
253 27.9 17.2 25.8#
125 8.2 8.1 12.1



#89
Benzo(a)pyrene
Concen: 2.448 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM010995.D
Acq: 27 Jul 2017 05:47

Tgt Ion:252 Resp: 26571
Ion Ratio Lower Upper
252 100
253 39.9 17.6 26.4#
125 3.4 7.4 11.2#





#91

Benzo(g,h,i)perylene

Concen: 3.989 ng

RT: 25.84 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM010995.D

Acq: 27 Jul 2017 05:47

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-B

Tgt Ion:276 Resp: 39417

Ion Ratio Lower Upper

276 100

277 16.5 18.5 27.7#

138 9.6 19.0 28.6#

