

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011036.D
 Acq On : 28 Jul 2017 11:23
 Operator : SJ/JU
 Sample : I4424-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-CRE

Quant Time: Jul 28 14:51:26 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

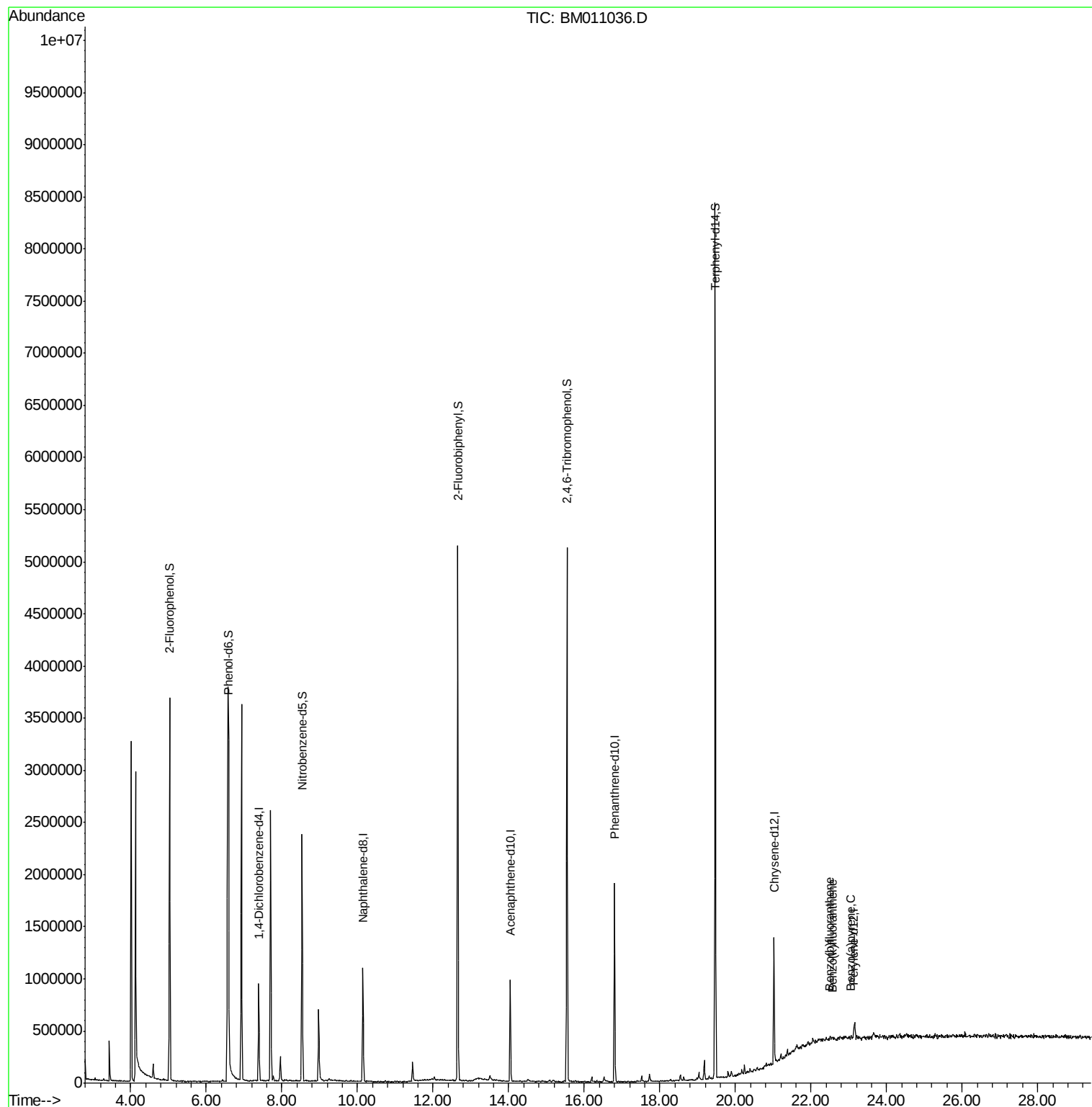
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	171021	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	645825	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	239225	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	890668	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	407065	20.00	ng	0.00
86) Perylene-d12	23.13	264	8192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1036116	102.41	ng	0.00
7) Phenol-d6	6.59	99	1003400	69.80	ng	0.00
23) Nitrobenzene-d5	8.53	82	1259693	73.21	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	671540	175.14	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2214917	116.12	ng	-0.01
78) Terphenyl-d14	19.46	244	2946638	143.39	ng	0.00
Target Compounds						
87) Benzo(b)fluoranthene	22.51	252	2013	3.829	ng	# 1
88) Benzo(k)fluoranthene	22.56	252	1558	3.092	ng	# 1
89) Benzo(a)pyrene	23.06	252	1625	3.416	ng	# 48

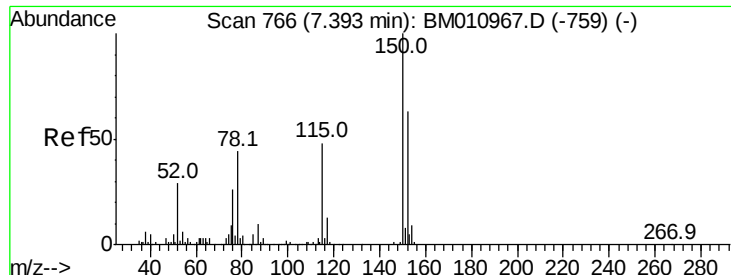
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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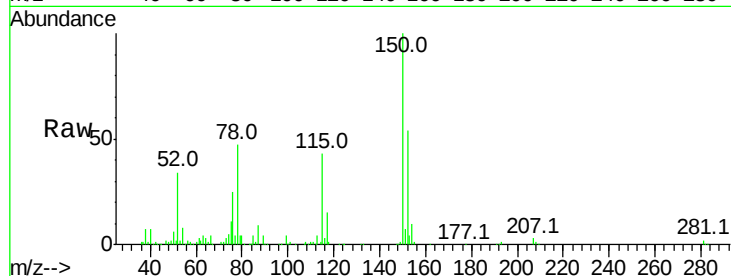


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011036.D
Acq: 28 Jul 2017 11:23

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-CRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	184.0	119.5	179.3#
115	79.7	43.0	64.4#

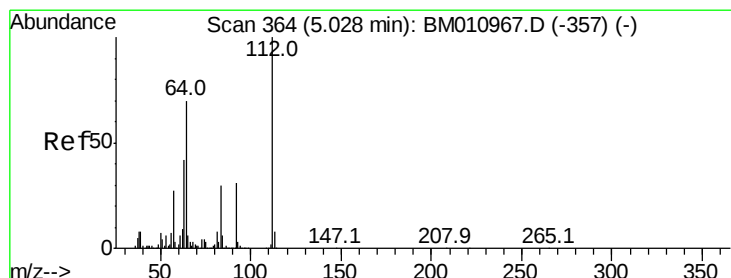
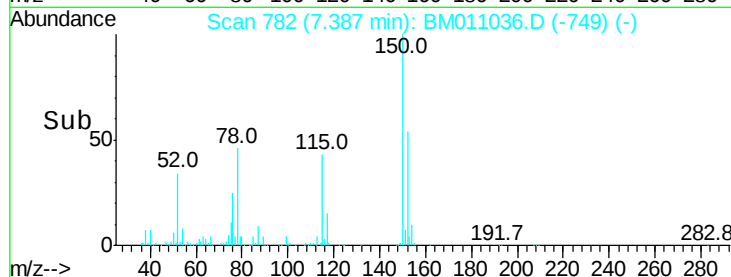
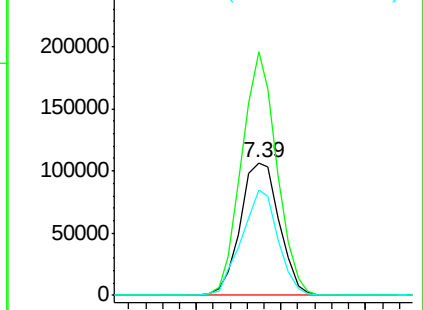


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

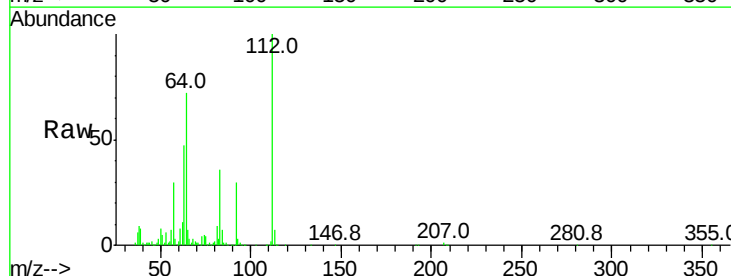
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.414 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011036.D
Acq: 28 Jul 2017 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	38.6	57.8#
63	47.0	19.3	28.9#

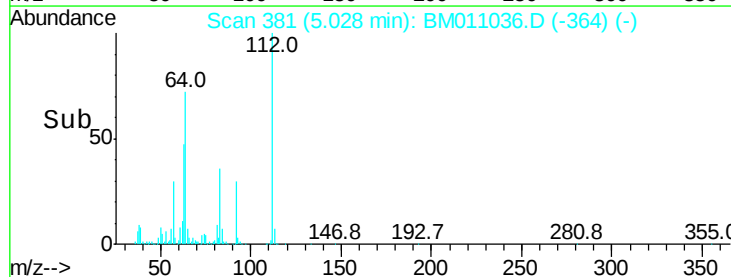
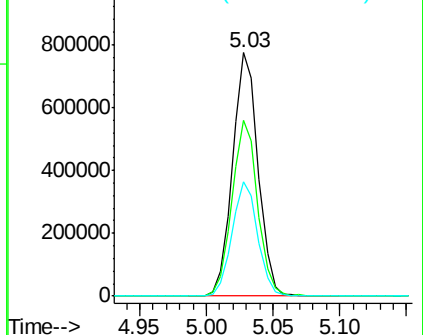


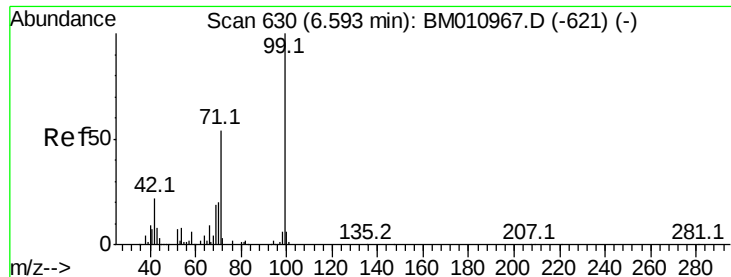
Abundance

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: 69.805 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-CRE

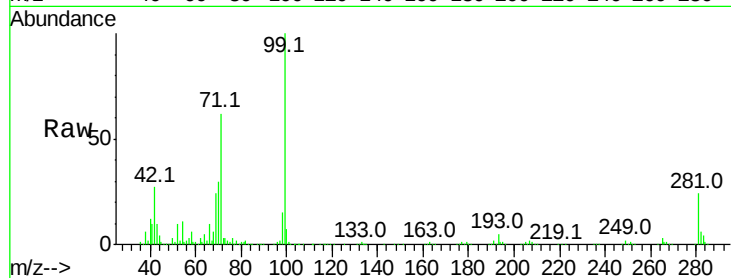
Tot Ion: 99 Resp: 1003400

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

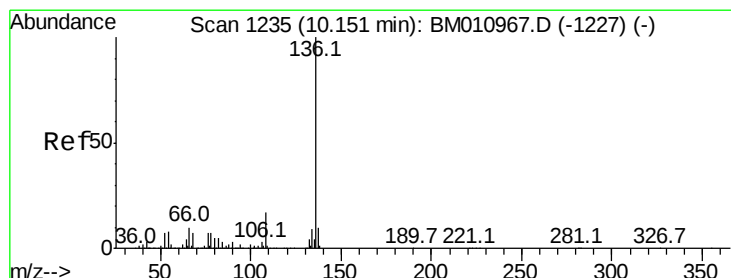
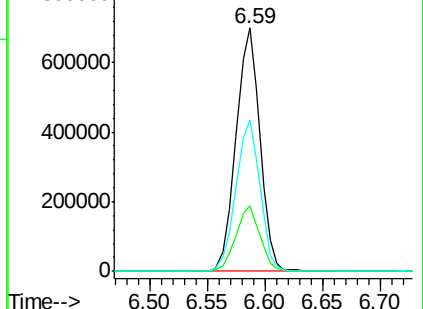
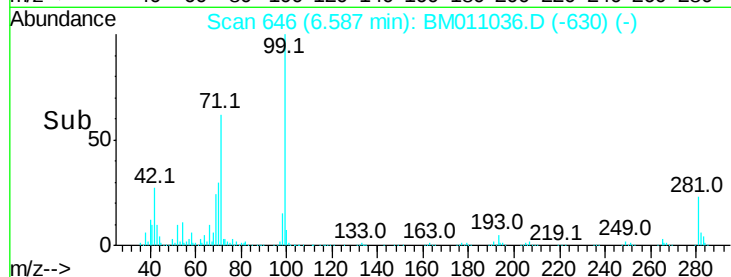
71 62.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011036.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011036.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011036.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

Tgt Ion: 136 Resp: 645825

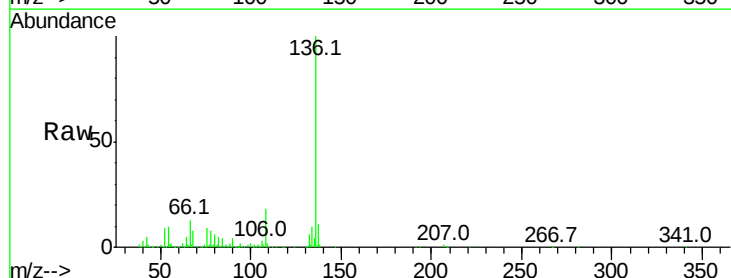
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.6 4.6 6.8#

68 7.5 3.7 5.5#

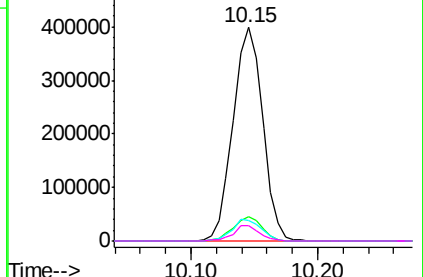
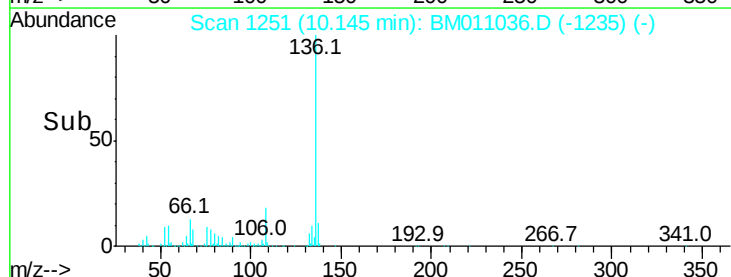


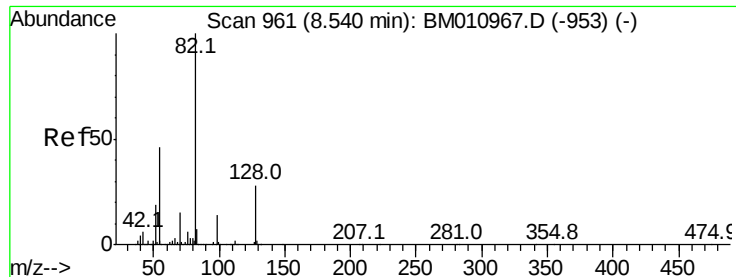
Abundance Ion 136.00 (135.70 to 136.70): BM011036.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011036.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011036.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011036.D (-1235) (-)

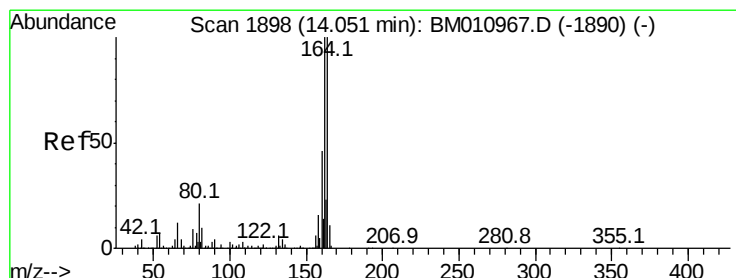
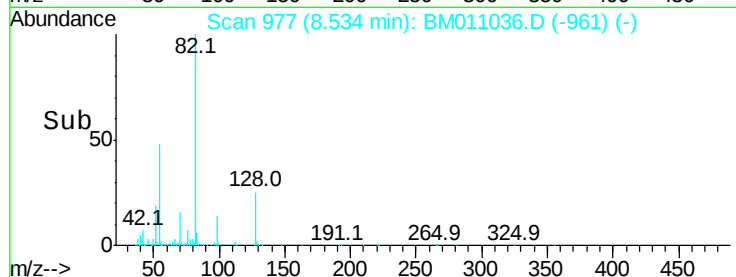
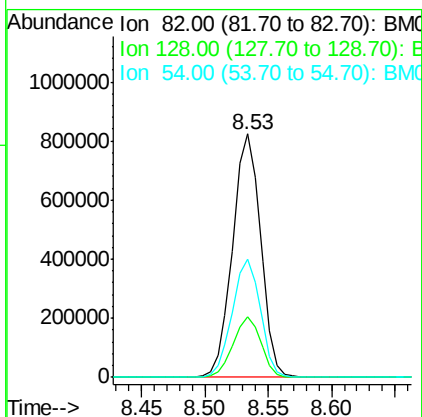
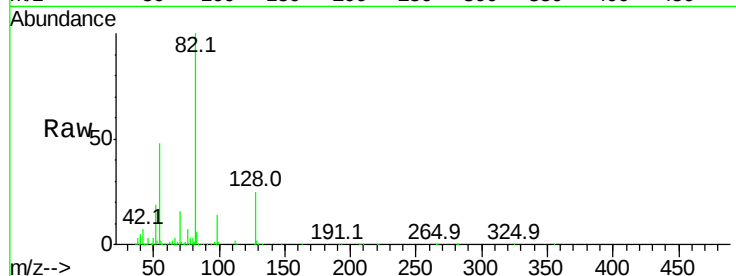




#23
 Nitrobenzene-d5
 Concen: 73.206 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011036.D
 Acq: 28 Jul 2017 11:23

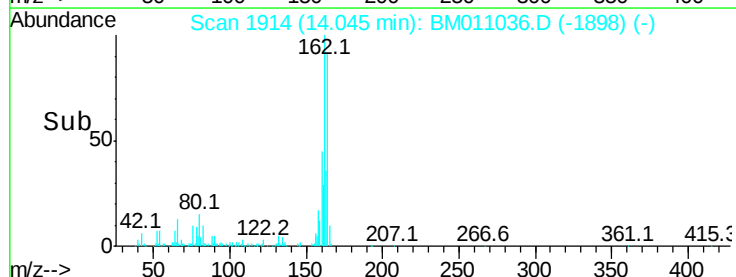
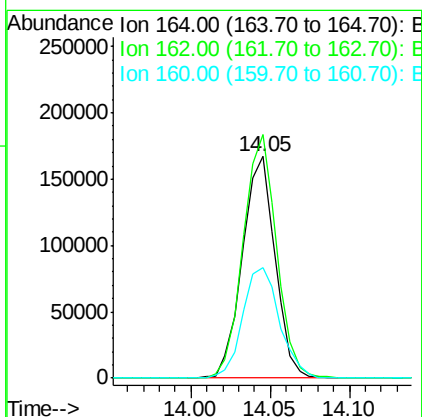
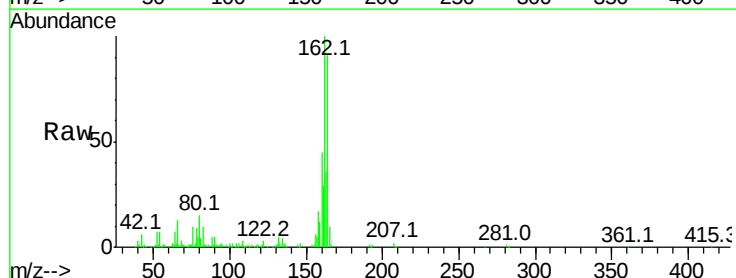
Instrument :
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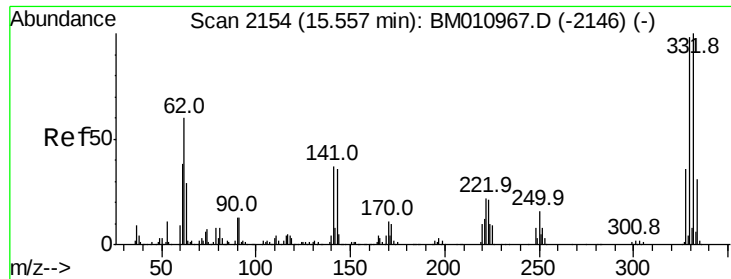
Tot Ion: 82 Resp: 1259693
 Ion Ratio Lower Upper
 82 100
 128 25.1 32.8 49.2#
 54 48.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011036.D
 Acq: 28 Jul 2017 11:23

Tgt Ion: 164 Resp: 239225
 Ion Ratio Lower Upper
 164 100
 162 110.0 82.4 123.6
 160 50.0 35.8 53.6

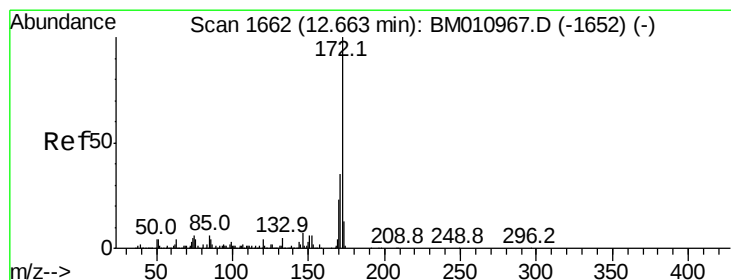
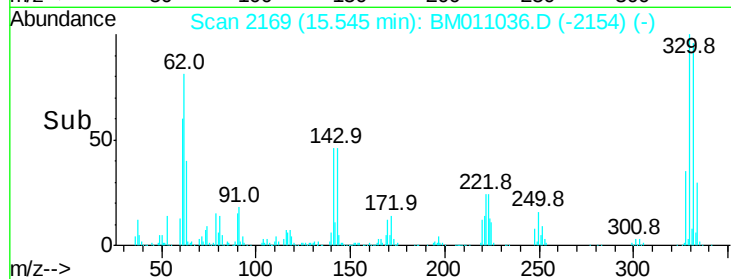
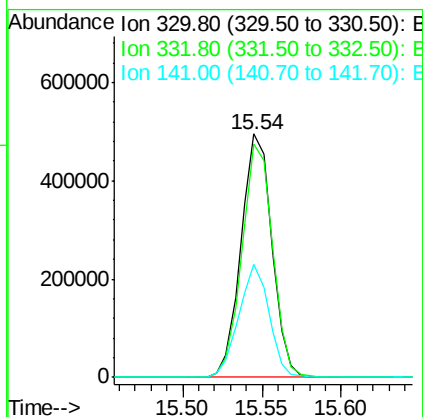
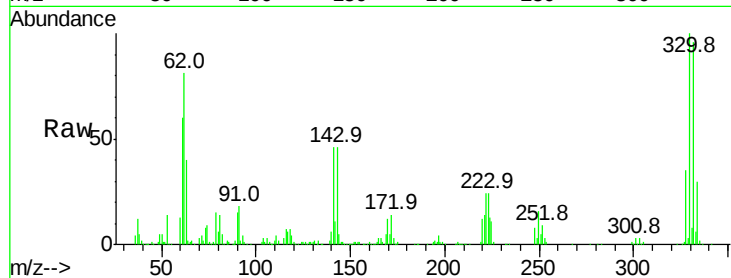




#41
 2,4,6-Tribromophenol
 Concen: 175.141 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011036.D
 Acq: 28 Jul 2017 11:23

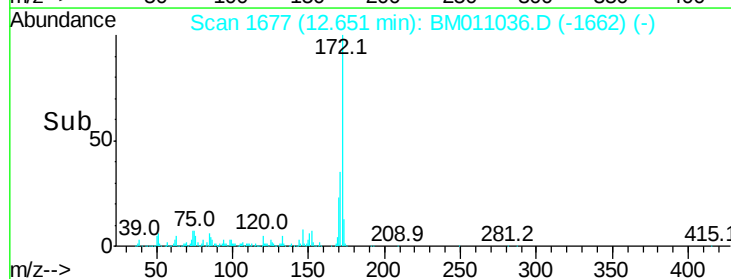
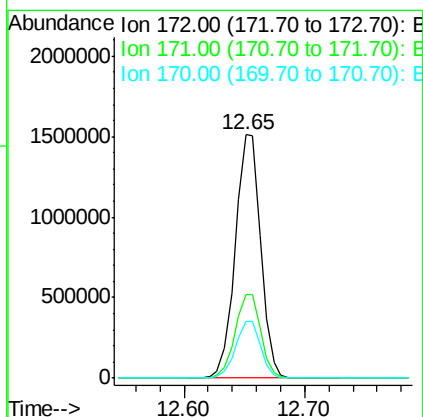
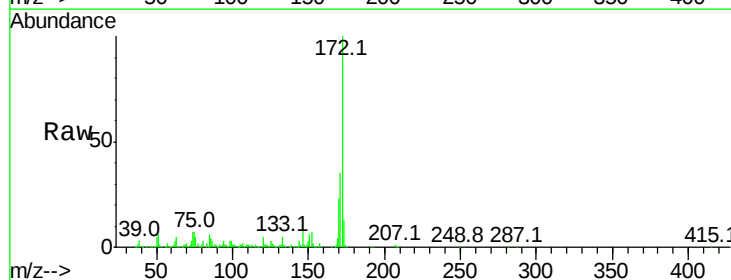
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-CRE

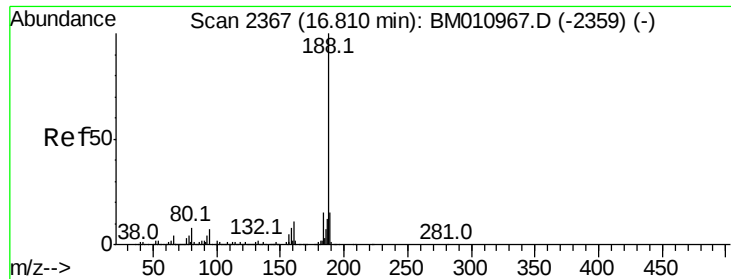
Tot Ion:330 Resp: 671540
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 45.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 116.117 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011036.D
 Acq: 28 Jul 2017 11:23

Tgt Ion:172 Resp: 2214917
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.3 18.8 28.2

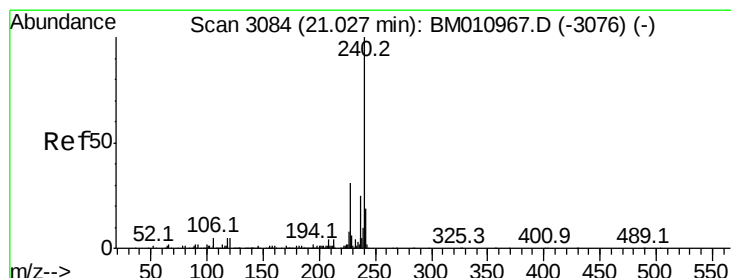
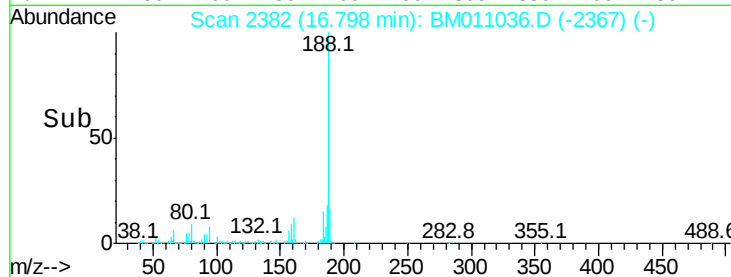
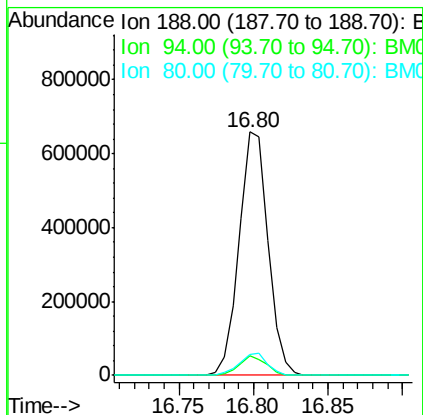
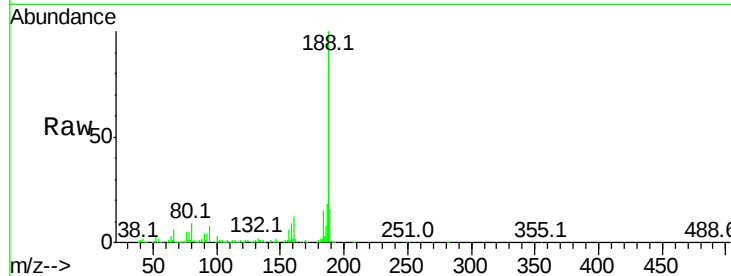




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011036.D
Acq: 28 Jul 2017 11:23

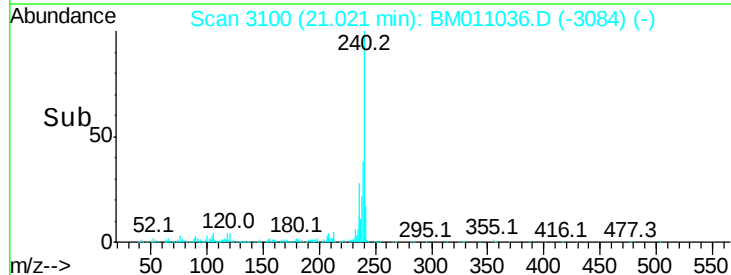
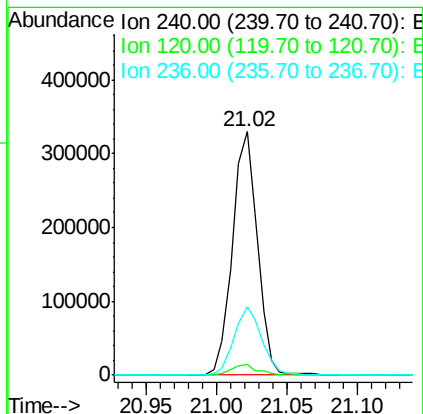
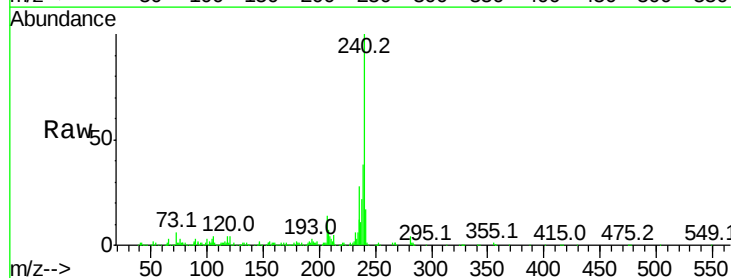
Instrument :
BNA_M
ClientSampleId :
AU-06-072417-CRE

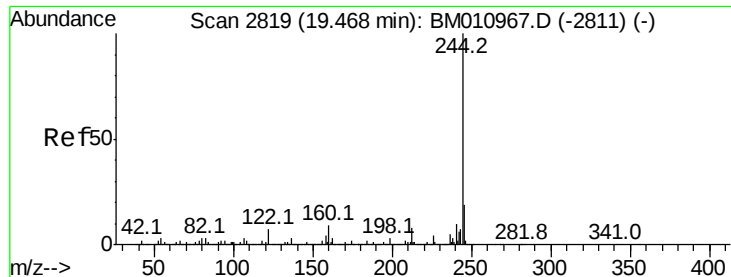
Tot Ion:188 Resp: 890668
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011036.D
Acq: 28 Jul 2017 11:23

Tgt Ion:240 Resp: 407065
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 28.1 20.0 30.0





#78

Terphenyl-d14

Concen: 143.390 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-CRE

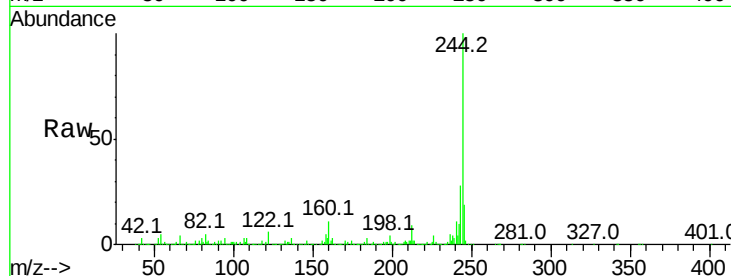
Tot Ion:244 Resp: 2946638

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

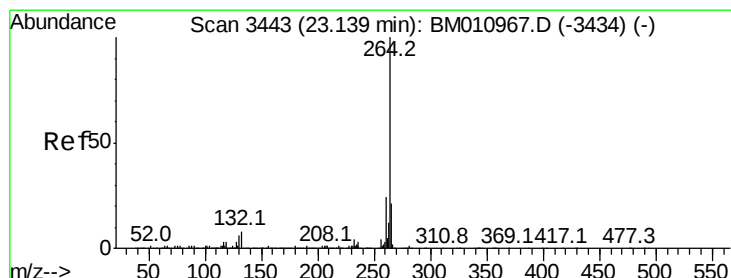
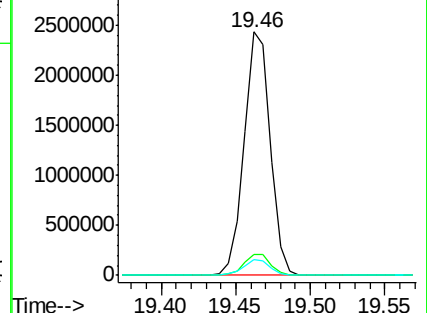
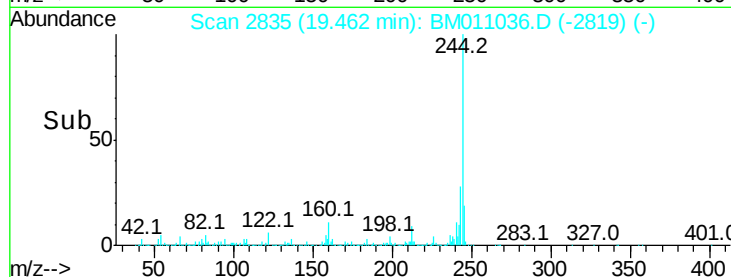
122 6.4 6.2 9.4



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

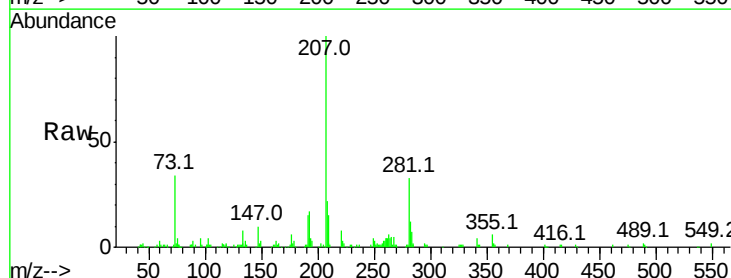
Tgt Ion:264 Resp: 8192

Ion Ratio Lower Upper

264 100

260 114.7 18.6 27.8#

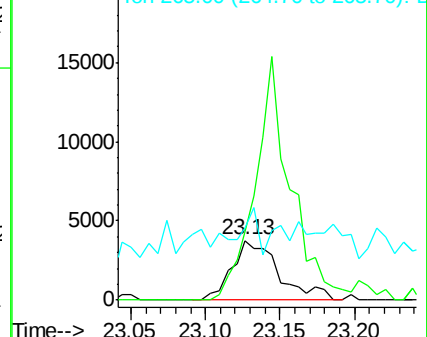
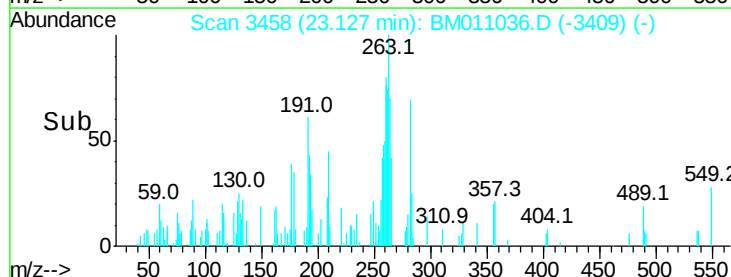
265 120.7 17.3 25.9#

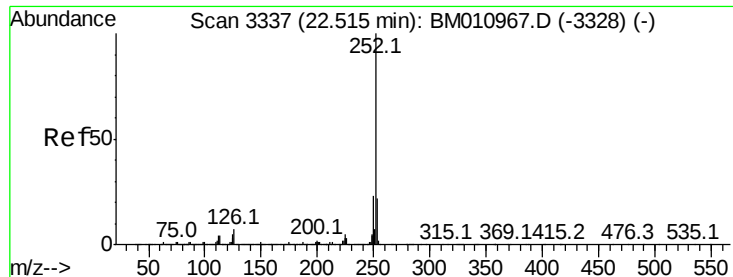


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.829 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

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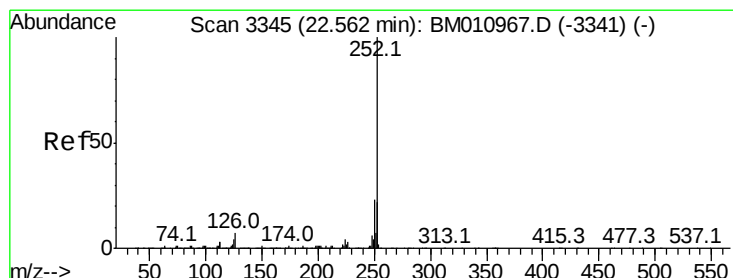
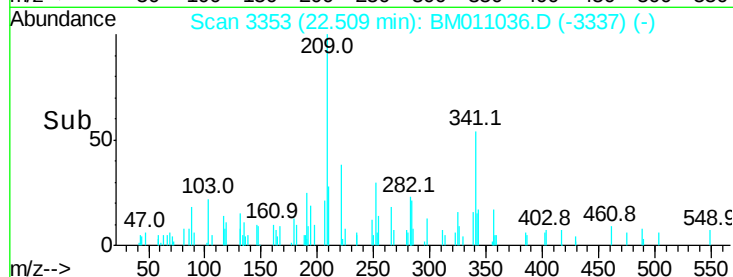
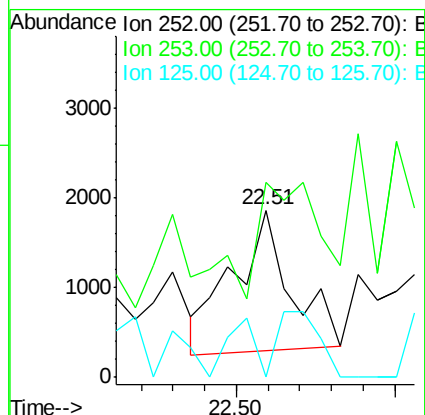
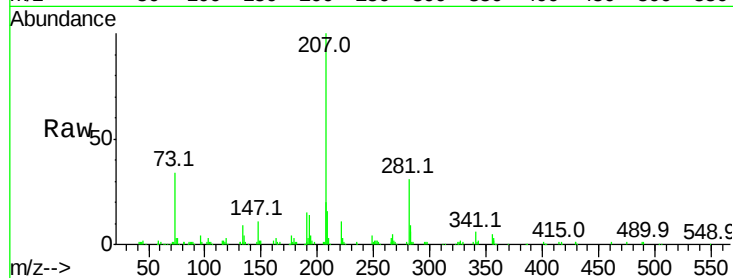
Tot Ion:252 Resp: 2013

Ion Ratio Lower Upper

252 100

253 116.4 18.0 27.0#

125 0.0 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 3.092 ng

RT: 22.56 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

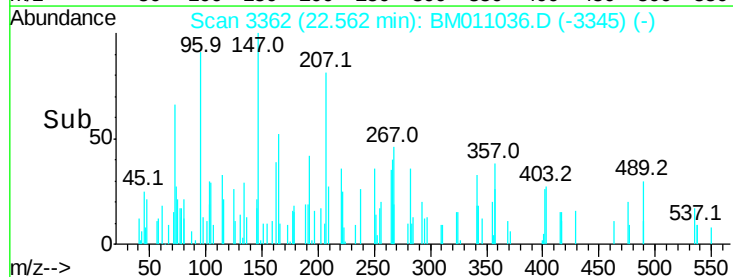
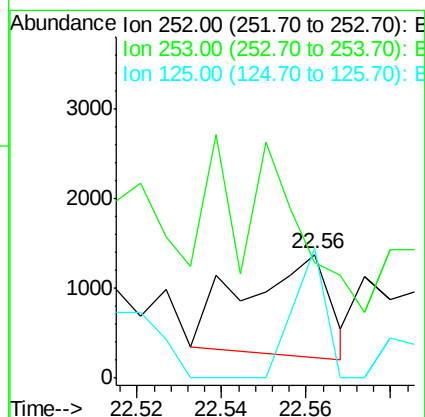
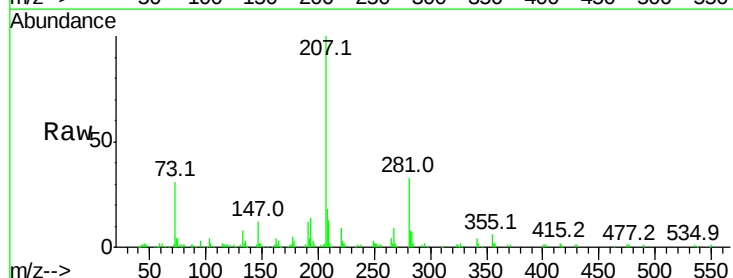
Tgt Ion:252 Resp: 1558

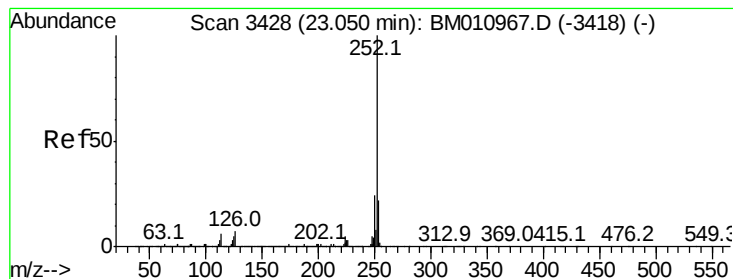
Ion Ratio Lower Upper

252 100

253 93.8 17.2 25.8#

125 132.0 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 3.416 ng

RT: 23.06 min Scan# 3447

Delta R.T. 0.01 min

Lab File: BM011036.D

Acq: 28 Jul 2017 11:23

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-CRE

Tot Ion: 252 Resp: 1625

Ion Ratio Lower Upper

252 100

253 52.1 17.6 26.4#

125 0.0 7.4 11.2#

