

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009125.D
 Acq On : 09 Mar 2017 02:48
 Operator : SJ/MA
 Sample : I2062-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Quant Time: Mar 09 04:52:10 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	358	0.40	ng/ul	0.02
2) Naphthalene-d8	10.69	136	1248	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	133887	0.40	ng/ul	0.10
16) Chrysene-d12	21.45	240	2354	0.40	ng/ul	0.00
20) Perylene-d12	23.64	264	130124	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	531	0.26	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1857	0.00	ng/ul	0.00

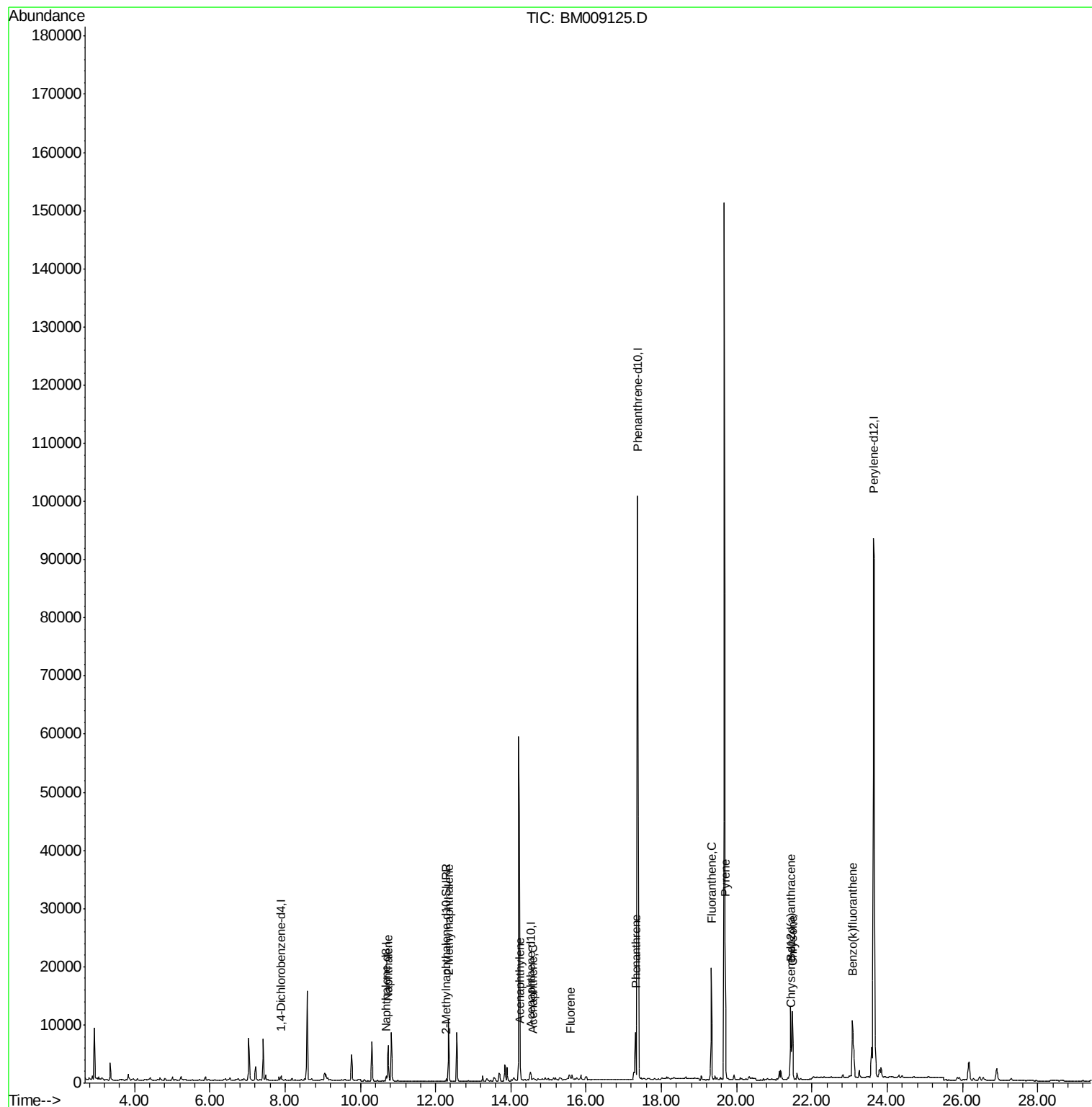
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	8261	2.30	ng/ul	95
5) 2-Methylnaphthalene	12.35	142	7108	2.75	ng/ul	100
7) Acenaphthylene	14.25	152	631	0.15	ng/ul#	66
8) Acenaphthene	14.59	153	289	0.09	ng/ul#	85
9) Fluorene	15.58	166	289	0.08	ng/ul#	82
12) Phenanthrene	17.31	178	9350	0.02	ng/ul	96
15) Fluoranthene	19.33	202	17996	0.03	ng/ul	93
17) Pyrene	19.69	202	18586	2.30	ng/ul	97
18) Benzo(a)anthracene	21.43	228	11039	1.41	ng/ul	100
19) Chrysene	21.48	228	11658	1.57	ng/ul	97
22) Benzo(k)fluoranthene	23.08	252	21507	0.05	ng/ul#	86

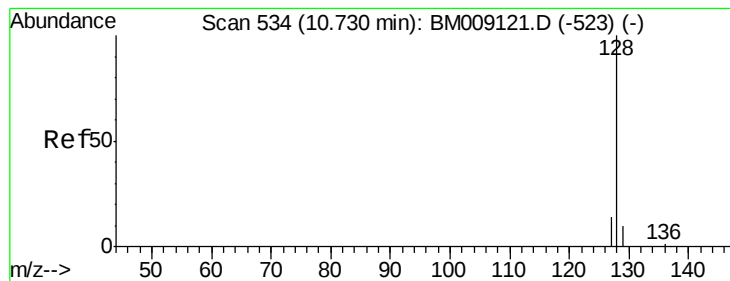
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.30 ng/ul

RT: 10.74 min Scan# 535

Delta R.T. 0.01 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

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C0AK6

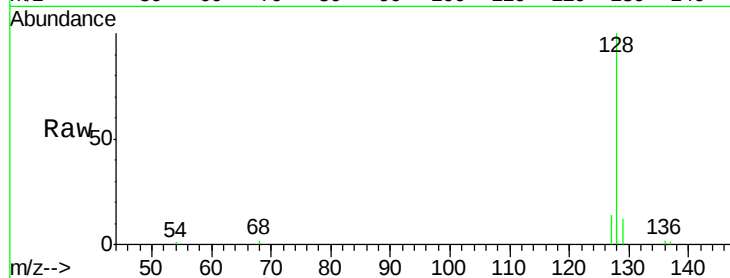
Tgt Ion:128 Resp: 8261

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

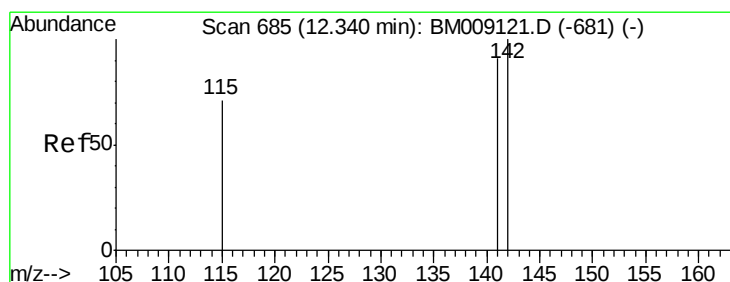
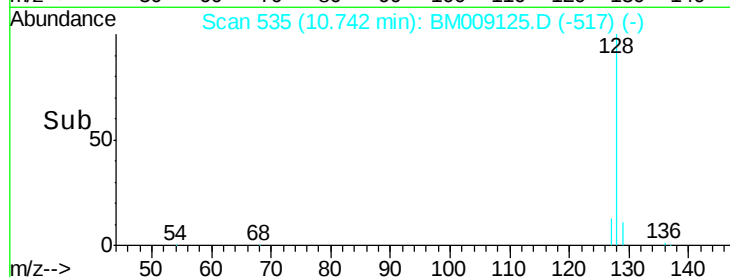
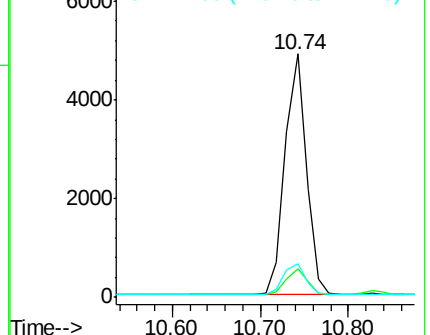
127 13.7 12.8 19.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 2.75 ng/ul

RT: 12.35 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM009125.D

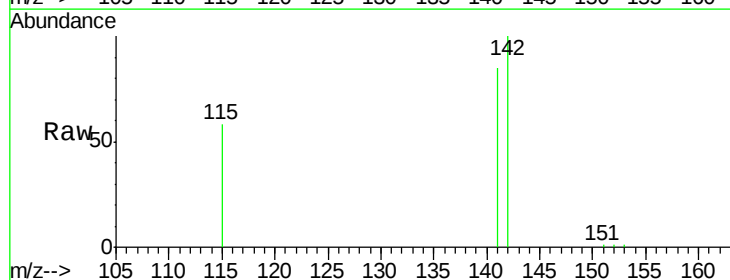
Acq: 09 Mar 2017 02:48

Tgt Ion:142 Resp: 7108

Ion Ratio Lower Upper

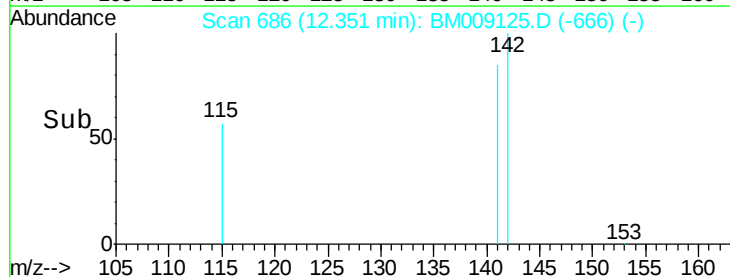
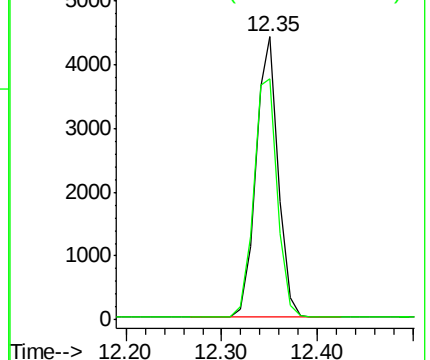
142 100

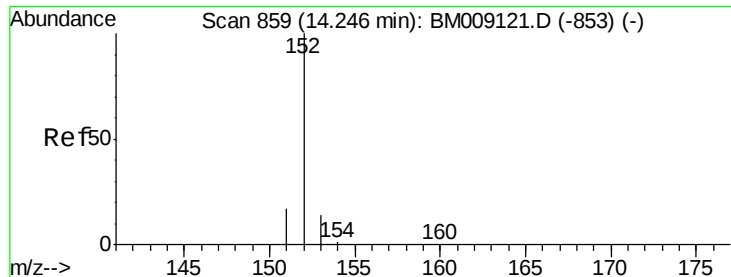
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

ClientSampled :

C0AK6

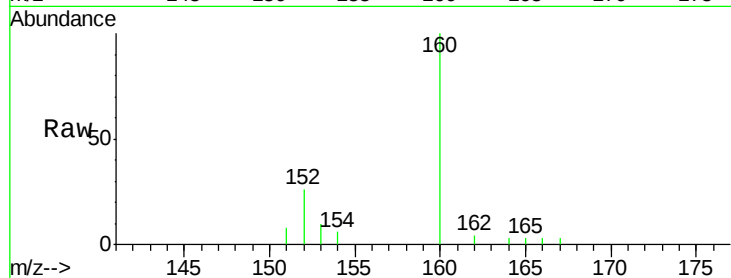
Tgt Ion:152 Resp: 631

Ion Ratio Lower Upper

152 100

151 31.3 17.1 25.7#

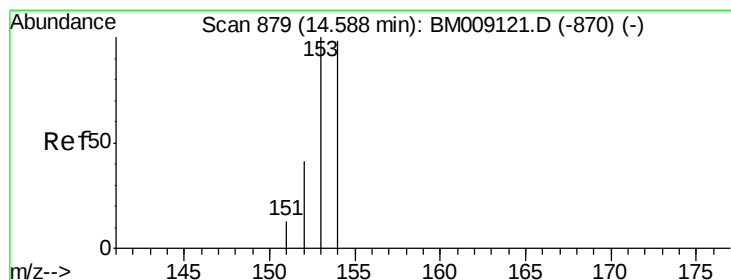
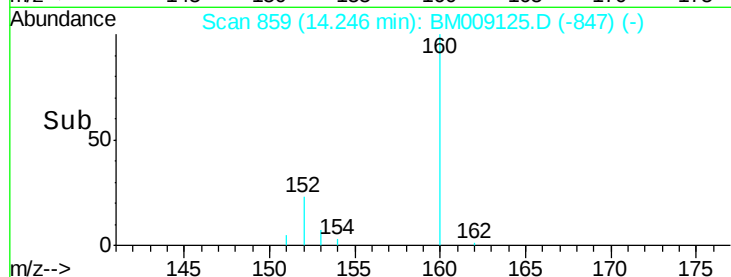
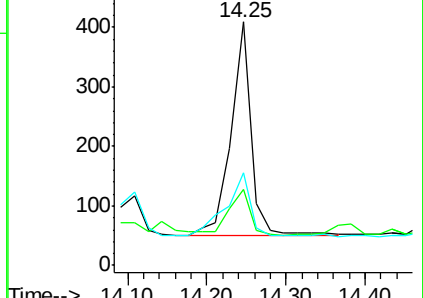
153 37.9 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.09 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

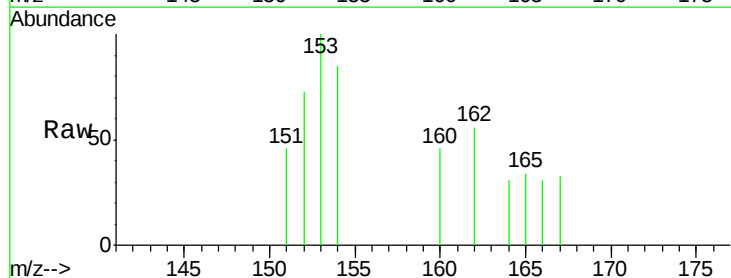
Tgt Ion:153 Resp: 289

Ion Ratio Lower Upper

153 100

152 73.0 40.3 60.5#

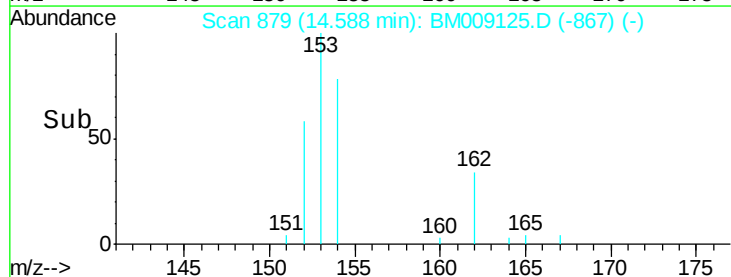
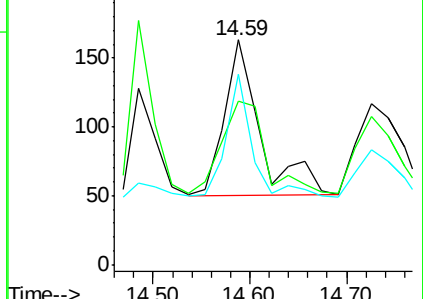
154 84.7 71.4 107.2

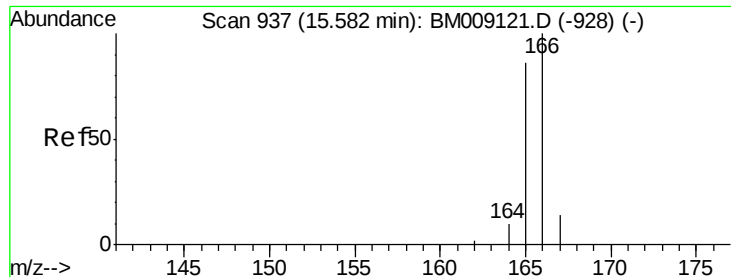


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

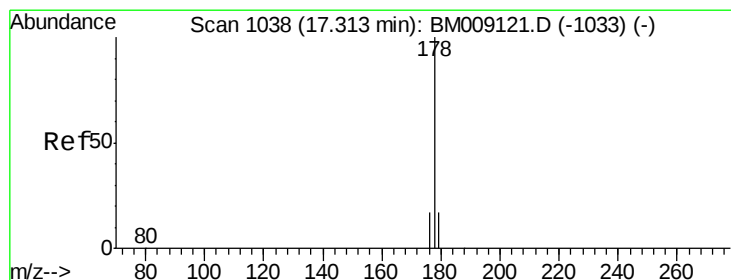
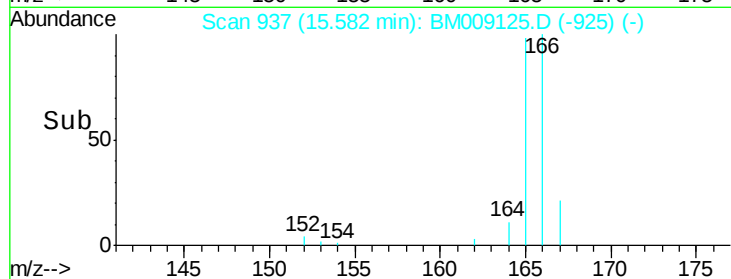
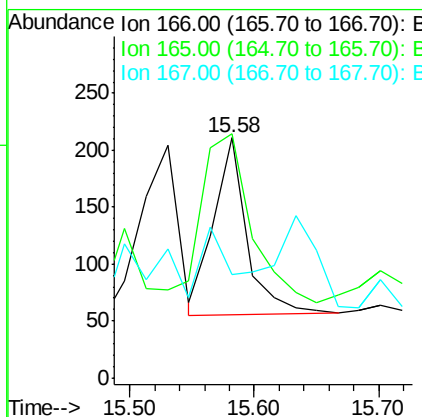
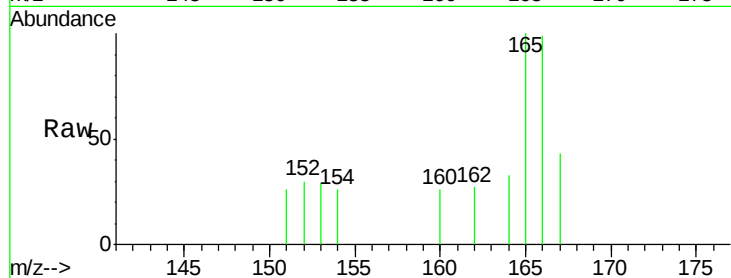




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.58 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

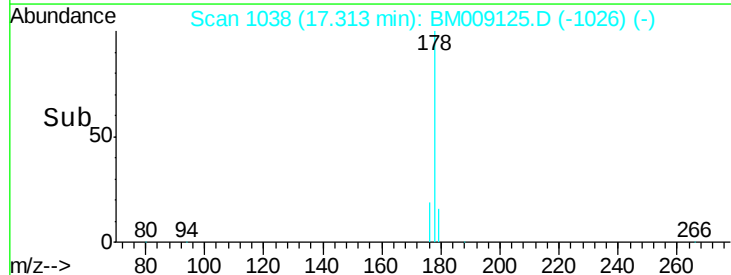
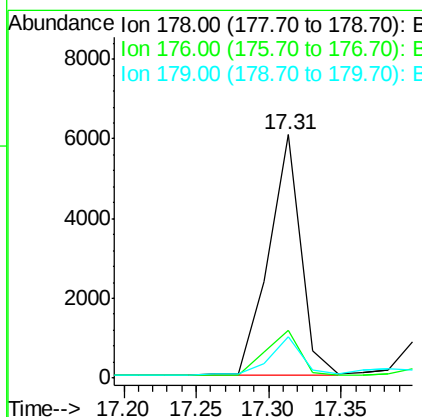
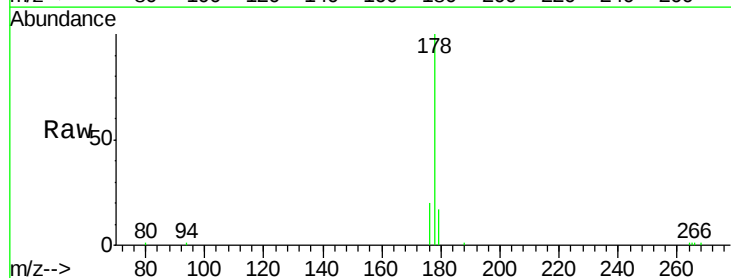
Instrument :
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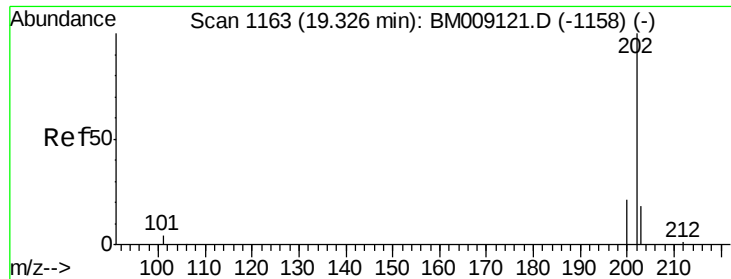
Tgt Ion:166 Resp: 289
 Ion Ratio Lower Upper
 166 100
 165 101.4 73.4 110.2
 167 43.1 14.6 22.0#



#12
Phenanthrene
 Concen: 0.02 ng/ul
 RT: 17.31 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Tgt Ion:178 Resp: 9350
 Ion Ratio Lower Upper
 178 100
 176 19.6 18.4 27.6
 179 17.0 13.6 20.4

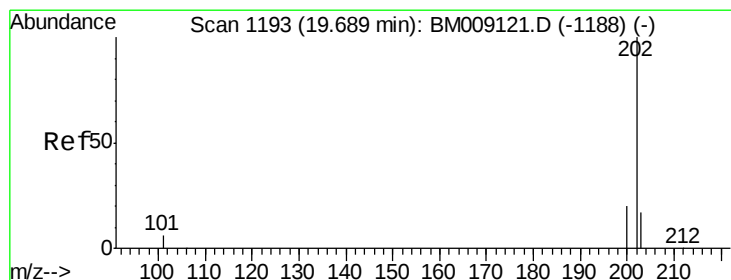
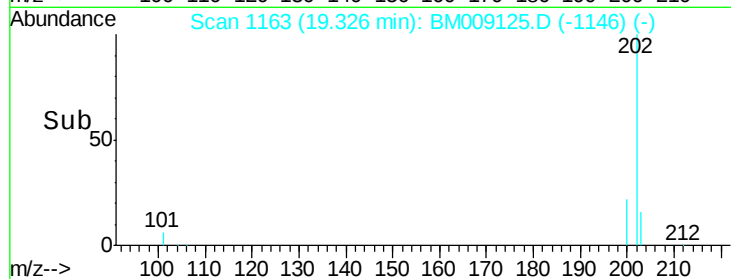
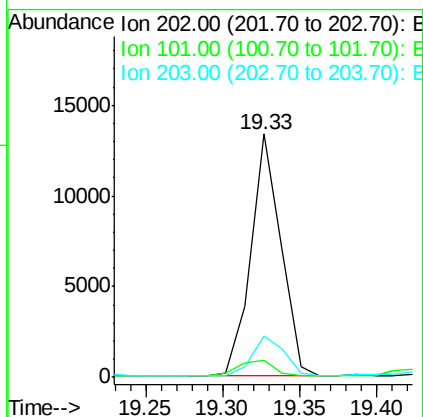
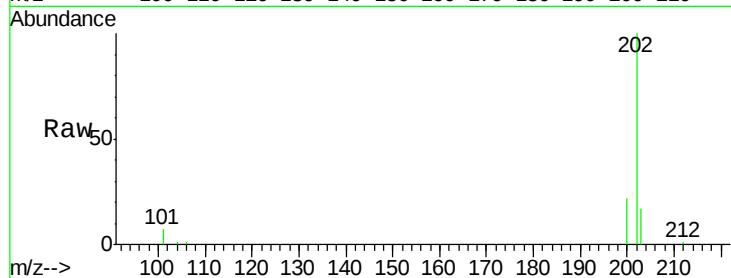




#15
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM009125.D
Acq: 09 Mar 2017 02:48

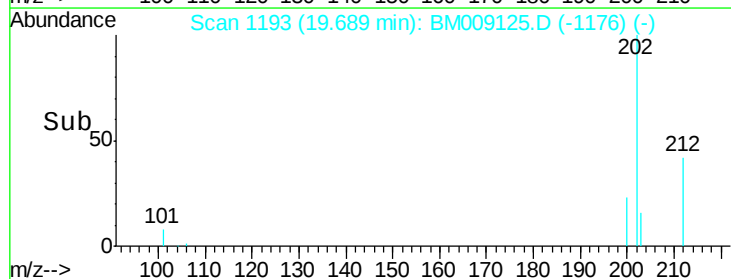
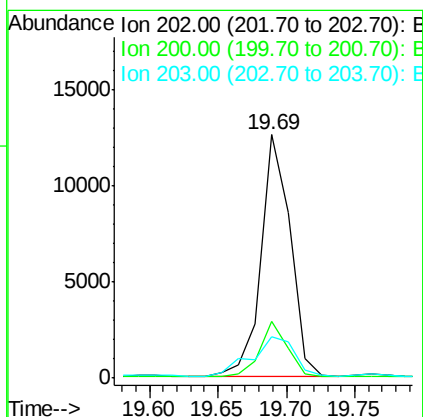
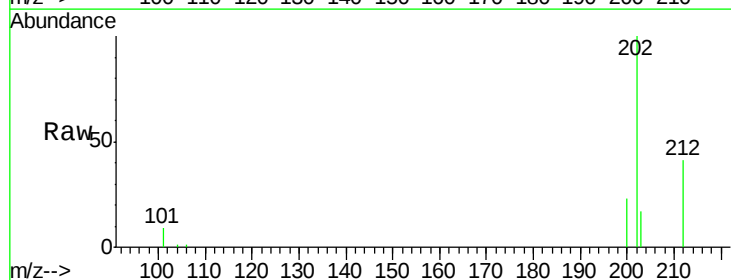
Instrument :
BNA_M
ClientSampleId :
C0AK6

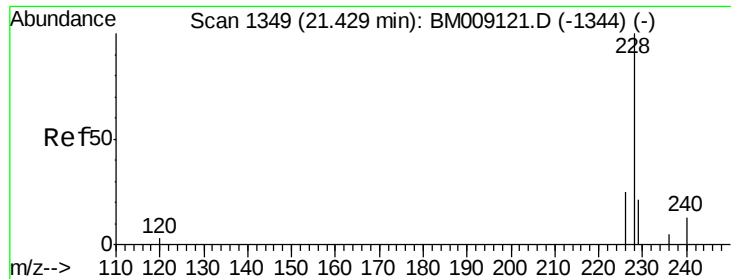
Tgt Ion: 202 Resp: 17996
Ion Ratio Lower Upper
202 100
101 7.0 0.0 30.3
203 16.9 0.0 39.5



#17
Pyrene
Concen: 2.30 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009125.D
Acq: 09 Mar 2017 02:48

Tgt Ion: 202 Resp: 18586
Ion Ratio Lower Upper
202 100
200 23.1 18.2 27.4
203 17.0 15.6 23.4





#18

Benzo(a)anthracene

Concen: 1.41 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

ClientSampleId :

C0AK6

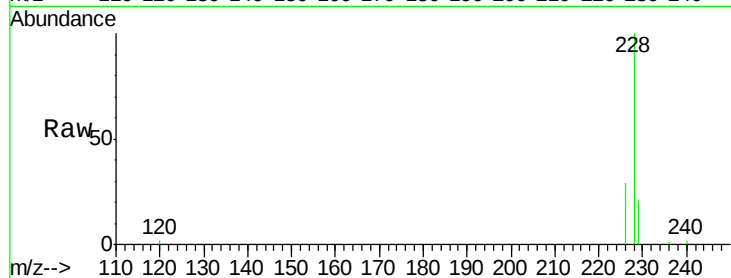
Tgt Ion:228 Resp: 11039

Ion Ratio Lower Upper

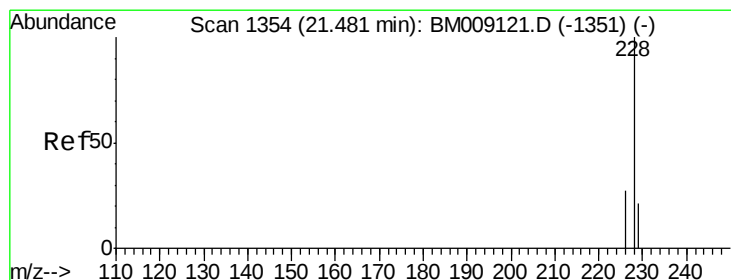
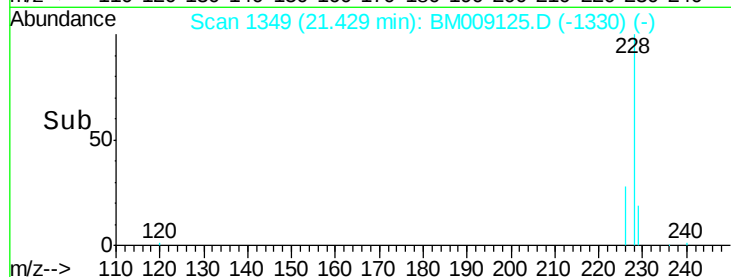
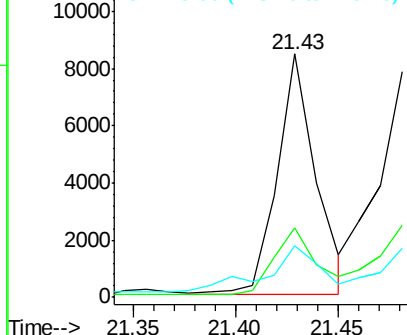
228 100

226 28.7 22.8 34.2

229 21.3 17.0 25.6



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



#19

Chrysene

Concen: 1.57 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

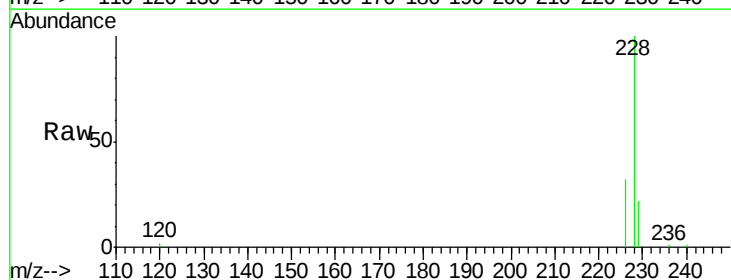
Tgt Ion:228 Resp: 11658

Ion Ratio Lower Upper

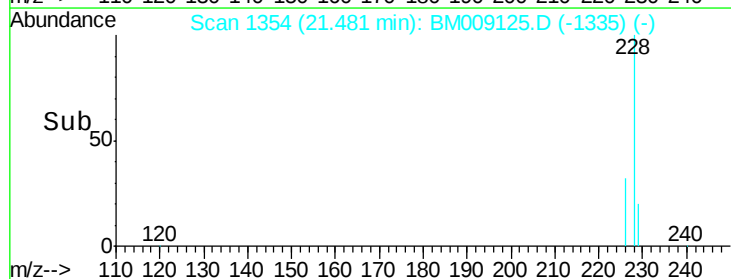
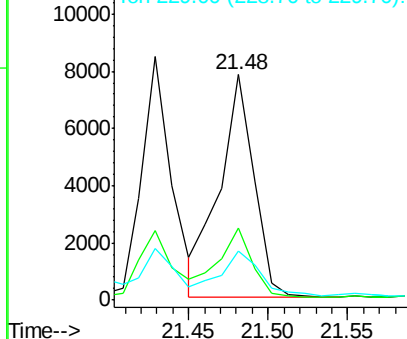
228 100

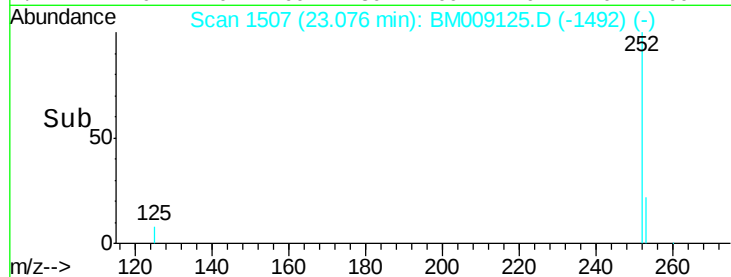
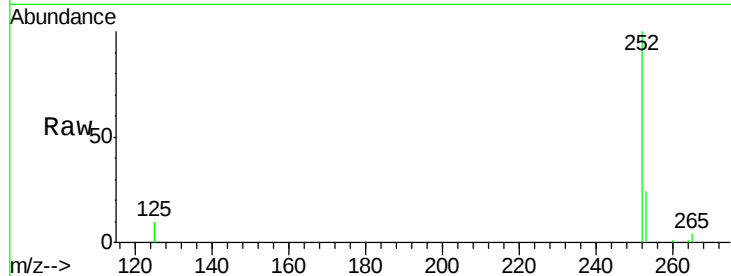
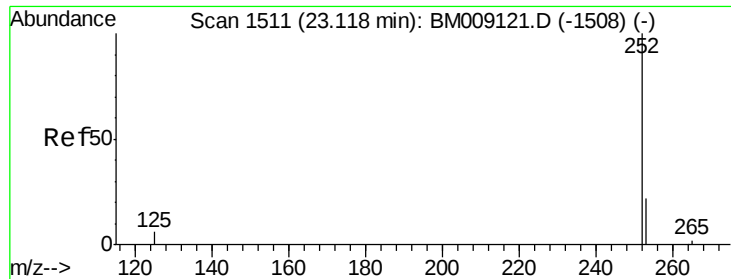
226 32.2 23.4 35.0

229 21.9 17.7 26.5



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





#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 23.08 min Scan# 1507

Delta R.T. -0.04 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

ClientSampleId :

C0AK6

Tgt Ion: 252 Resp: 21507

Ion Ratio Lower Upper

252 100

253 23.9 24.5 36.7#

125 10.3 13.7 20.5#

