

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002974.D
 Acq On : 22 Oct 2015 12:44
 Operator : UM/IZ
 Sample : G4074-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K0

Quant Time: Oct 23 01:03:22 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:01:42 2015
 Response via : Initial Calibration

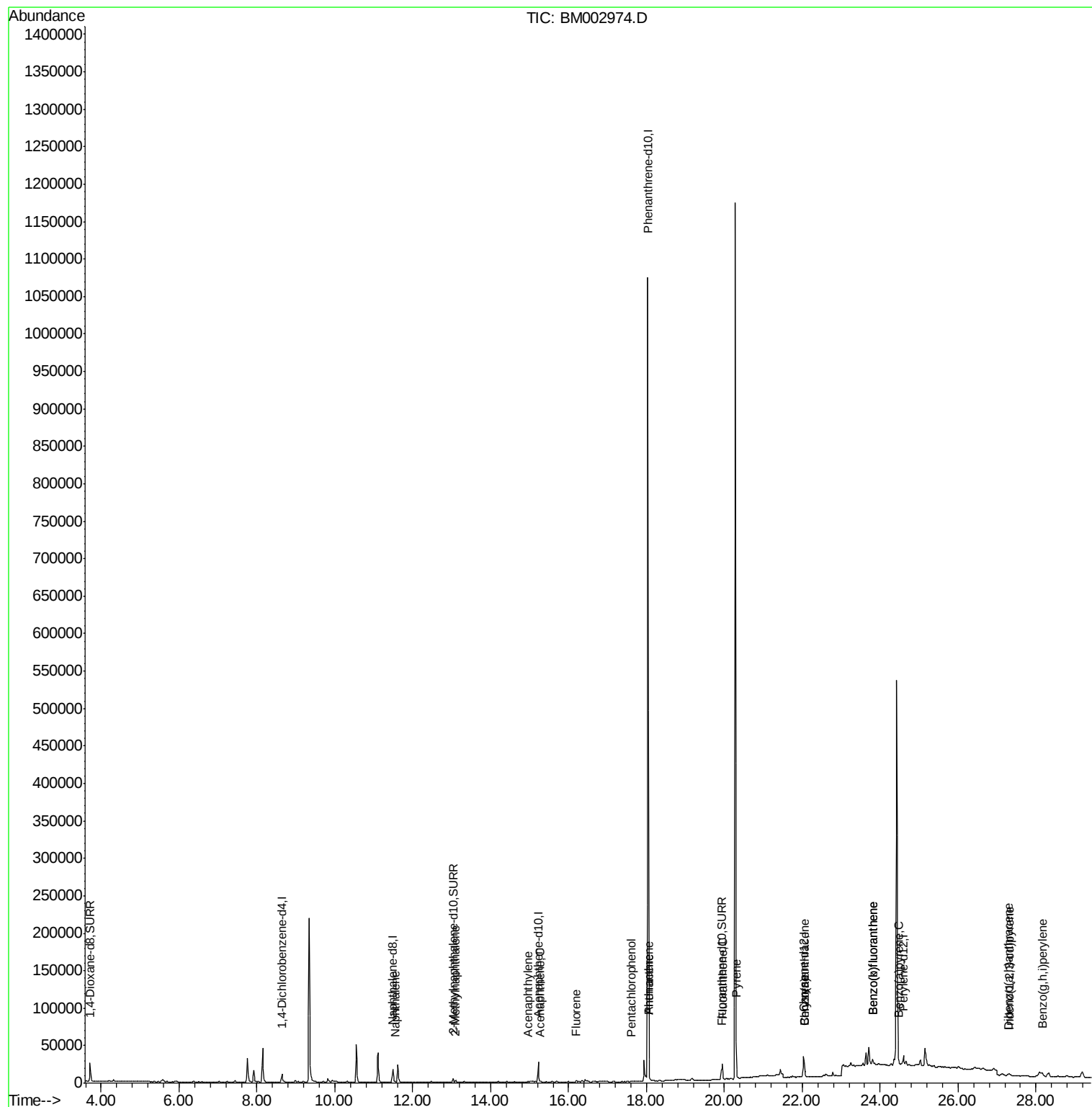
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7107	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	30593	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	16510	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1345862	0.40	ng/ul	0.09
18) Chrysene-d12	22.03	240	24039	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	21115	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	20547	2.71	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	8835	0.17	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	16009	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	2010	0.02	ng/ul#	79
7) 2-Methylnaphthalene	13.10	142	2881	0.05	ng/ul	99
9) Acenaphthylene	14.96	152	1894	0.02	ng/ul#	77
10) Acenaphthene	15.28	153	165	0.00	ng/ul#	36
11) Fluorene	16.20	166	2474	0.03	ng/ul#	15
13) Pentachlorophenol	17.61	266	191	0.00	ng/ul	91
14) Phenanthrene	18.06	178	2546	0.00	ng/ul#	48
15) Anthracene	18.06	178	2260	0.00	ng/ul#	48
17) Fluoranthene	19.95	202	20516	0.00	ng/ul	88
19) Pyrene	20.30	202	19681	0.23	ng/ul#	86
20) Benzo(a)anthracene	22.07	228	15221	0.19	ng/ul#	64
21) Chrysene	22.07	228	15221	0.19	ng/ul#	69
23) Benzo(b)fluoranthene	23.80	252	15342	0.21	ng/ul#	1
24) Benzo(k)fluoranthene	23.80	252	15342	0.21	ng/ul#	1
25) Benzo(a)pyrene	24.48	252	2601	0.04	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.31	276	5329	0.07	ng/ul#	24
27) Dibenzo(a,h)anthracene	27.29	278	1130	0.02	ng/ul#	1
28) Benzo(a,h,i)perylene	28.16	276	11379	0.18	ng/ul#	1

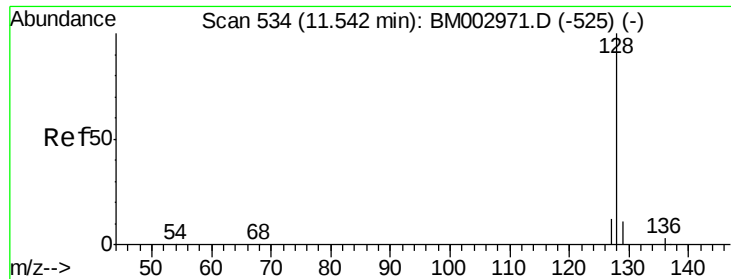
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 01:01:42 2015
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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

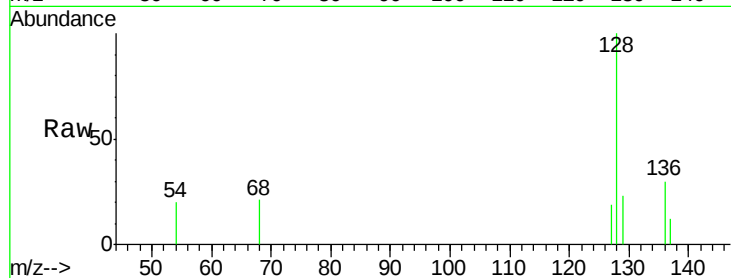
Tot Ion:128 Resp: 2010

Ion Ratio Lower Upper

128 100

129 23.0 9.8 14.8#

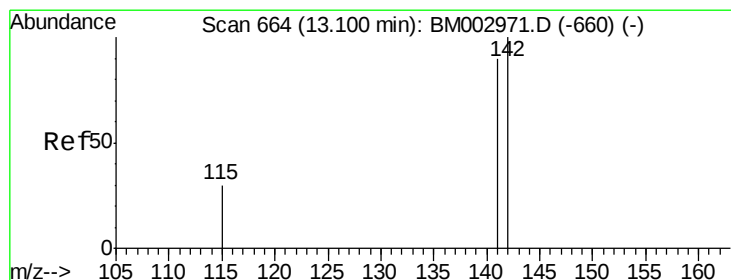
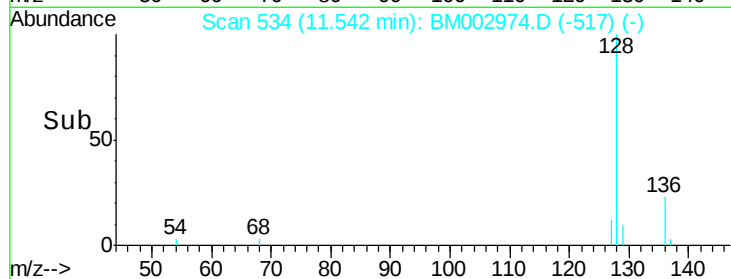
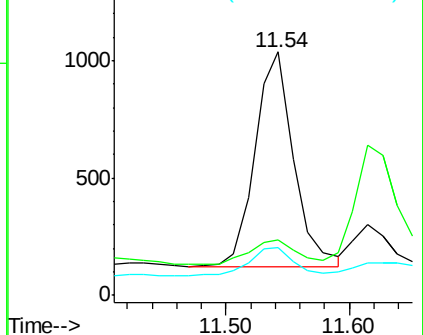
127 19.5 10.7 16.1#



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



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 13.10 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM002974.D

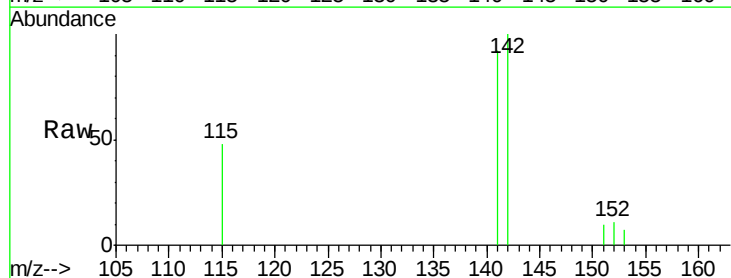
Acq: 22 Oct 2015 12:44

Tgt Ion:142 Resp: 2881

Ion Ratio Lower Upper

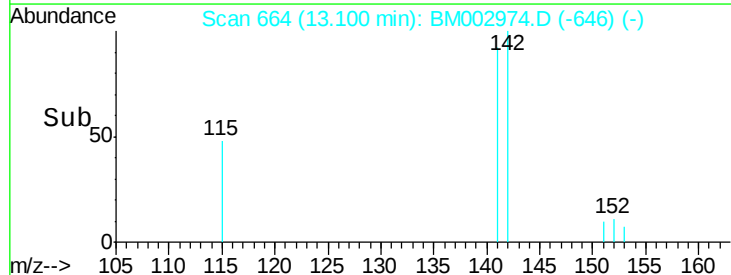
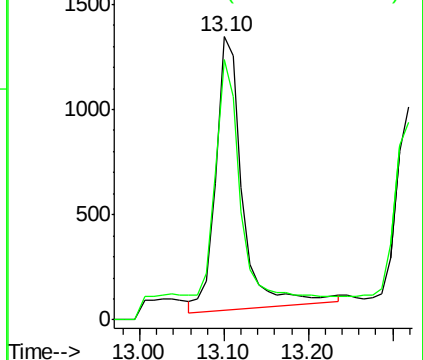
142 100

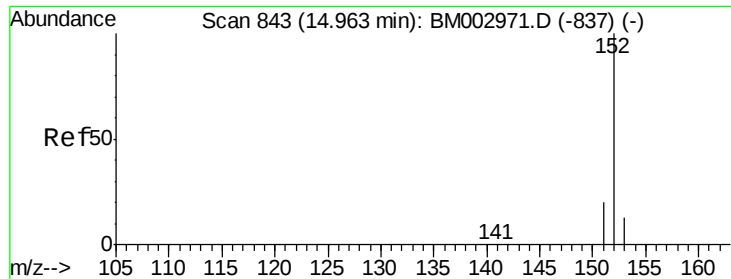
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

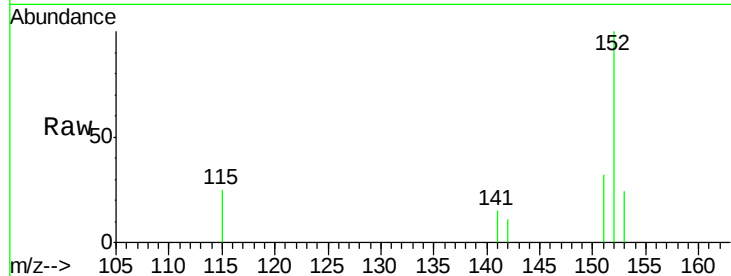
Tot Ion:152 Resp: 1894

Ion Ratio Lower Upper

152 100

151 31.7 16.8 25.2#

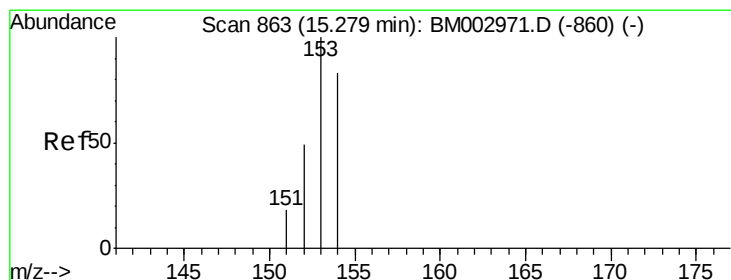
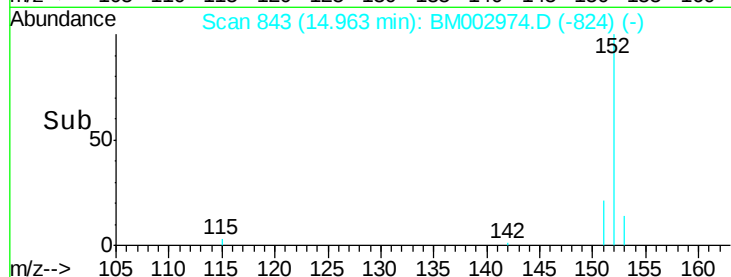
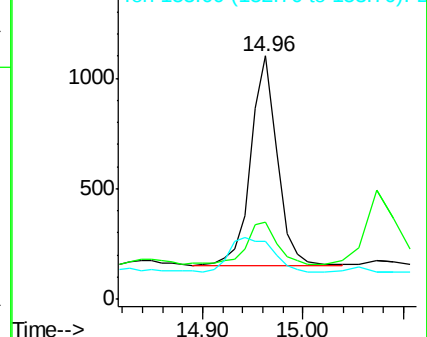
153 24.0 11.3 16.9#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.28 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

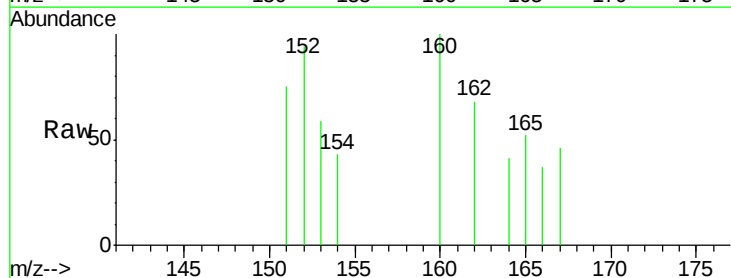
Tgt Ion:153 Resp: 165

Ion Ratio Lower Upper

153 100

152 158.7 42.3 63.5#

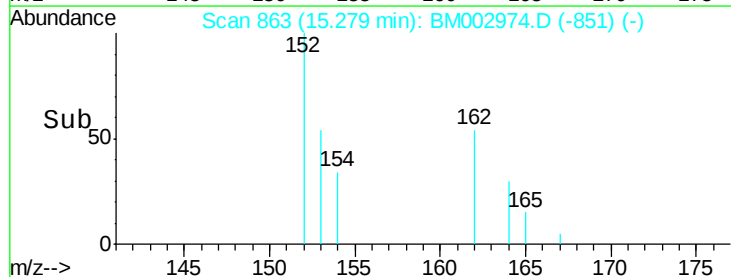
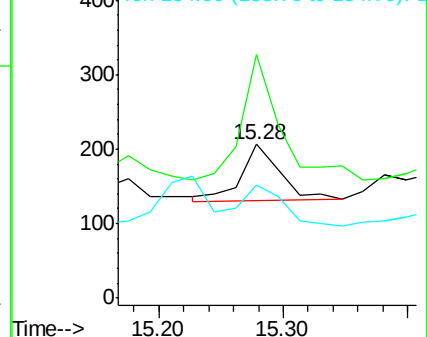
154 73.3 64.7 97.1

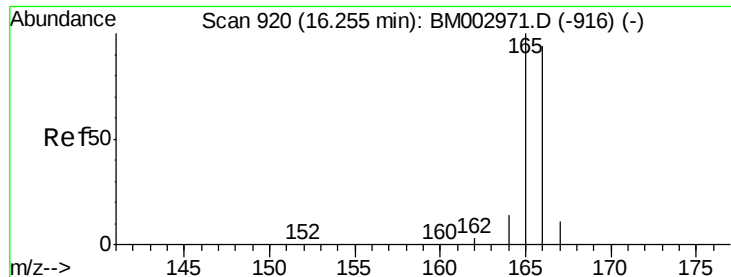


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

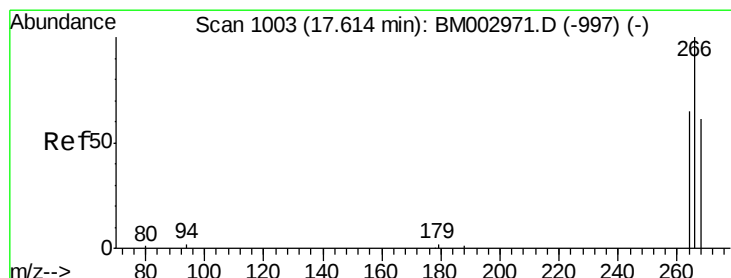
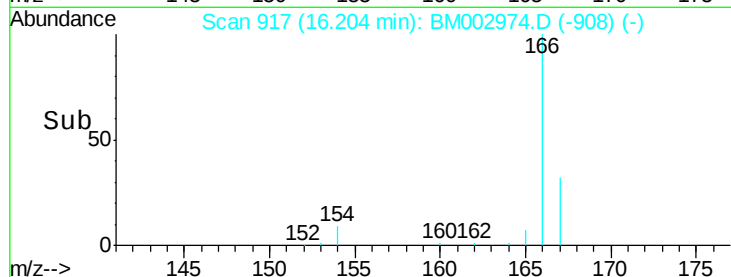
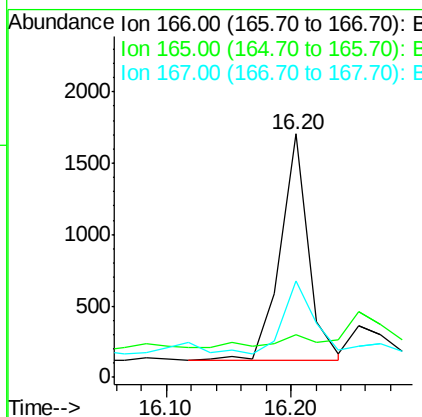
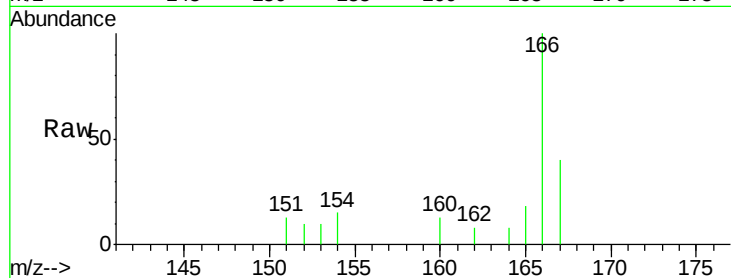




#11
 Fluorene
 Concen: 0.03 ng/ul
 RT: 16.20 min Scan# 917
 Delta R.T. -0.05 min
 Lab File: BM002974.D
 Acq: 22 Oct 2015 12:44

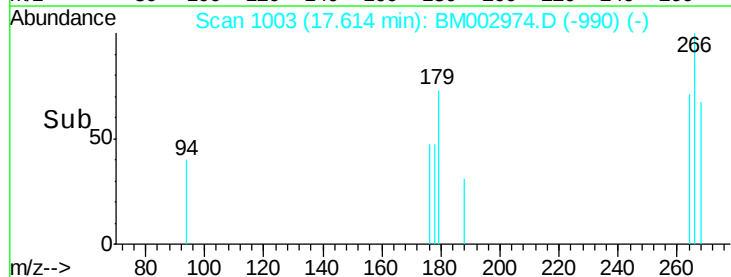
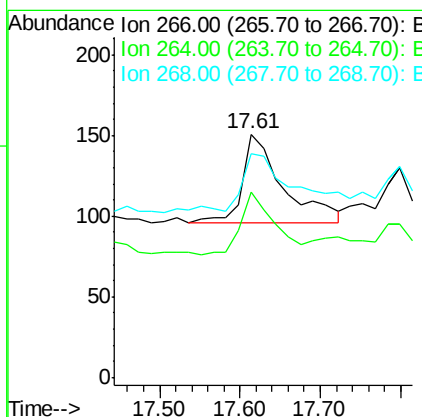
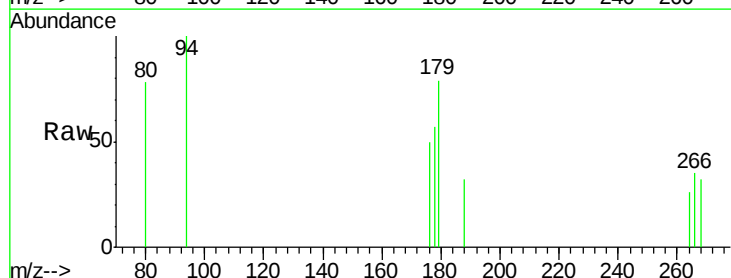
Instrument :
 BNA_M
 ClientSampleId :
 JG9K0

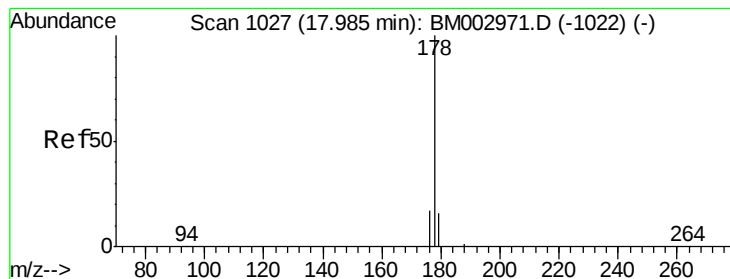
Tot Ion:166 Resp: 2474
 Ion Ratio Lower Upper
 166 100
 165 17.6 87.6 131.4#
 167 39.8 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 17.61 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM002974.D
 Acq: 22 Oct 2015 12:44

Tgt Ion:266 Resp: 191
 Ion Ratio Lower Upper
 266 100
 264 59.2 53.5 80.3
 268 74.3 54.2 81.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.06 min Scan# 1032

Delta R.T. 0.08 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

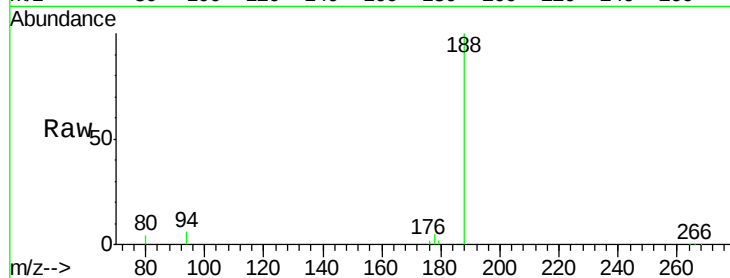
Tot Ion:178 Resp: 2546

Ion Ratio Lower Upper

178 100

176 35.1 16.2 24.4#

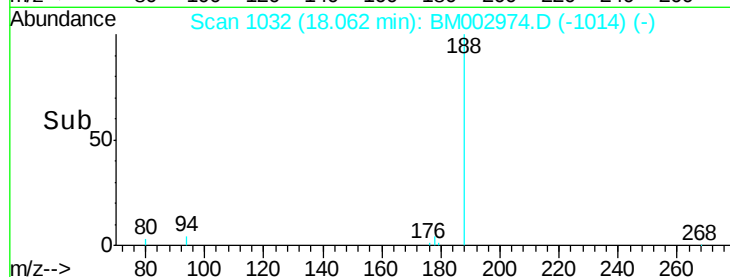
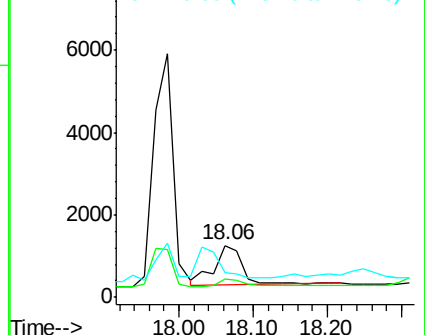
179 48.6 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.06 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

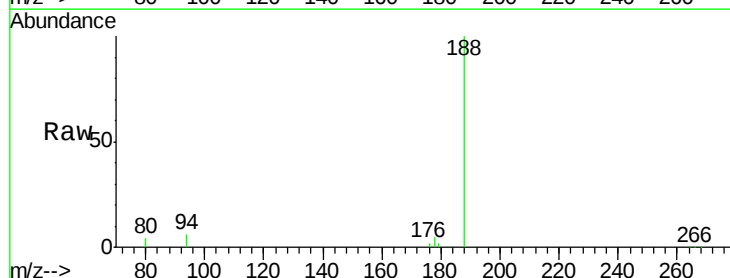
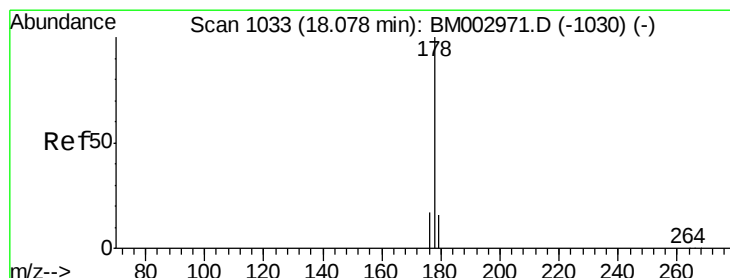
Tgt Ion:178 Resp: 2260

Ion Ratio Lower Upper

178 100

176 35.1 15.8 23.8#

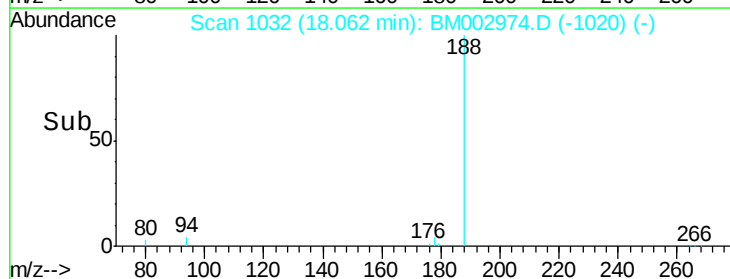
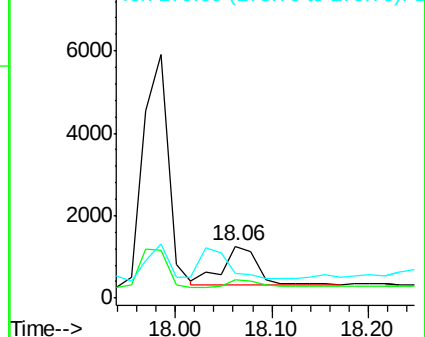
179 48.6 13.3 19.9#

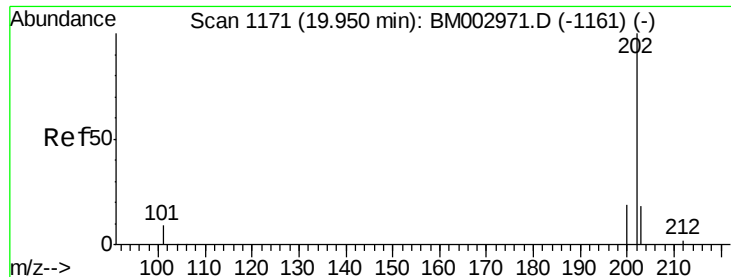


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

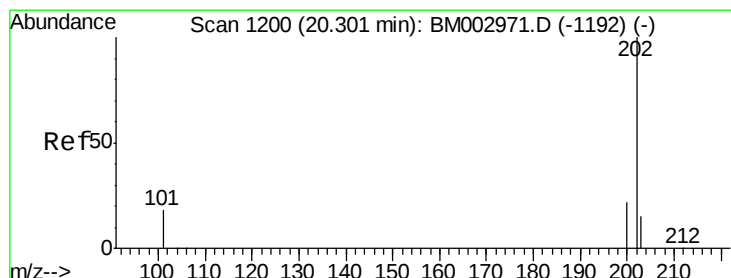
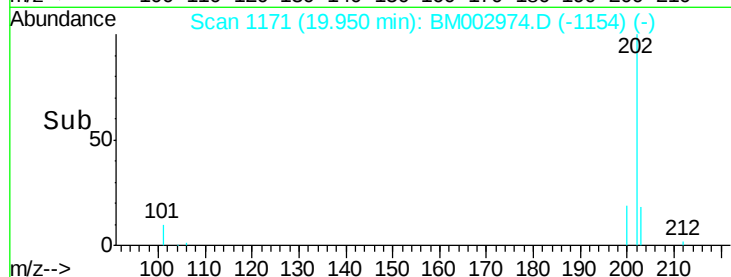
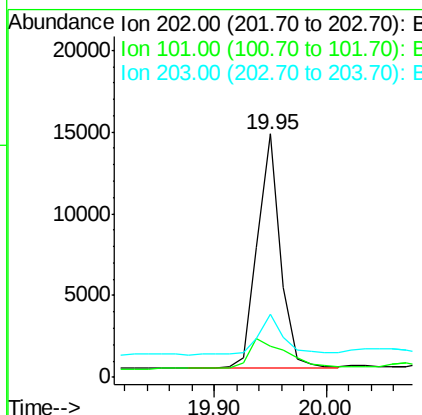
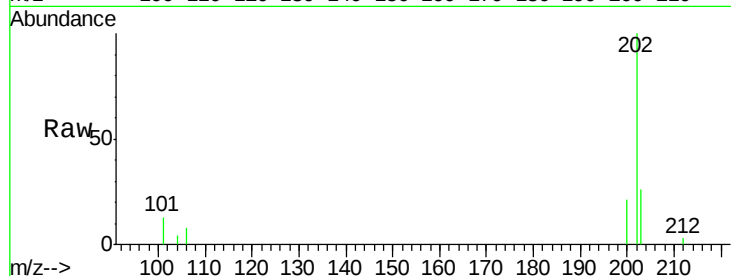




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BM002974.D
 Acq: 22 Oct 2015 12:44

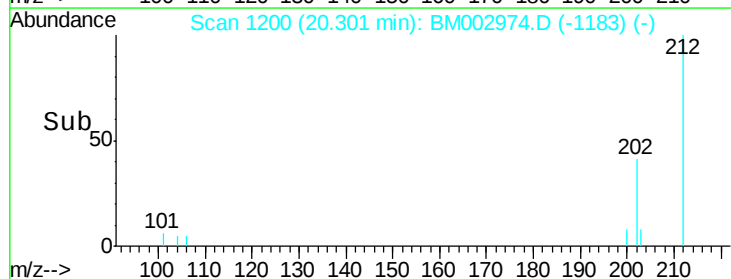
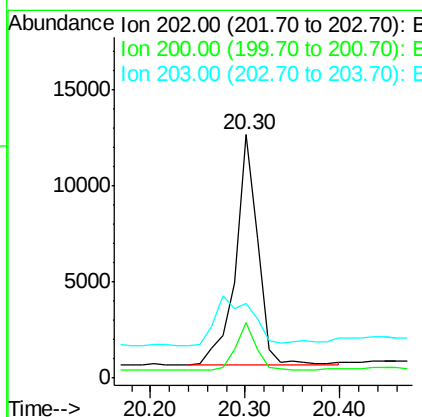
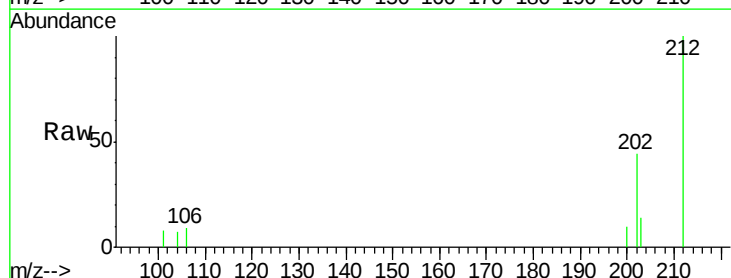
Instrument :
 BNA_M
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 JG9K0

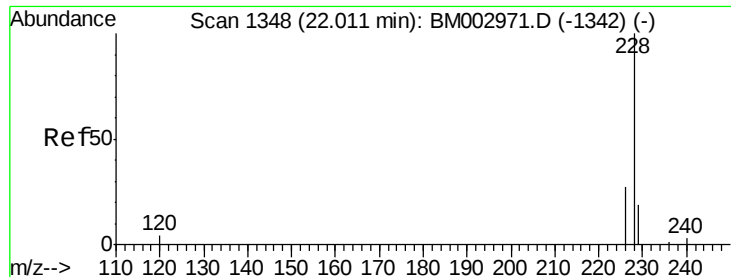
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.1
203	26.1	0.0	37.2



#19
Pyrene
 Concen: 0.23 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BM002974.D
 Acq: 22 Oct 2015 12:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.0	27.0
203	30.8	13.8	20.6#





#20

Benzo(a)anthracene

Concen: 0.19 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. 0.06 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

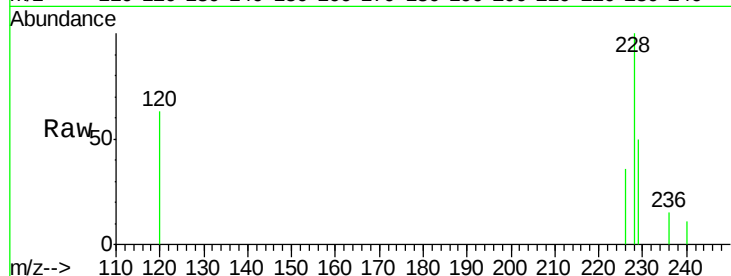
Tot Ion:228 Resp: 15221

Ion Ratio Lower Upper

228 100

226 36.5 23.0 34.4#

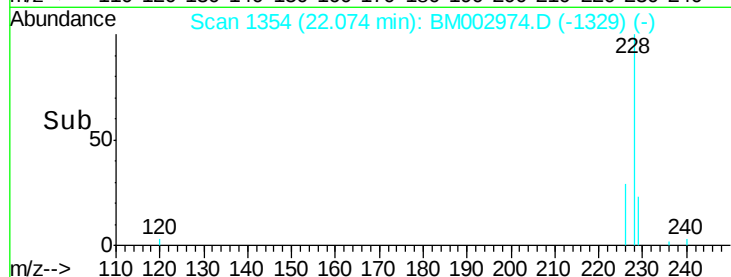
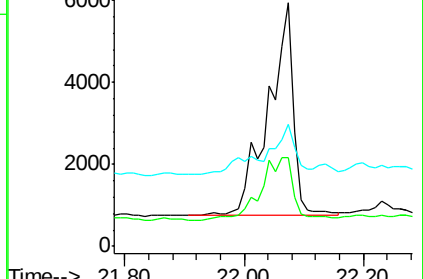
229 50.3 15.2 22.8#



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



#21

Chrysene

Concen: 0.19 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

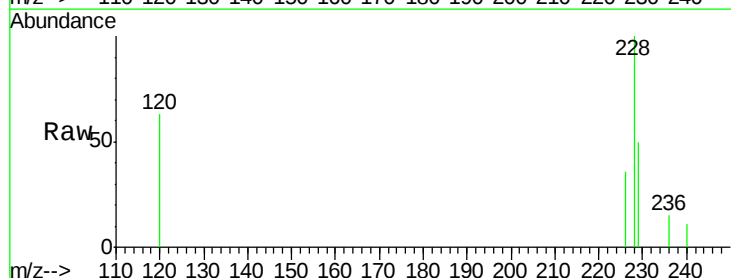
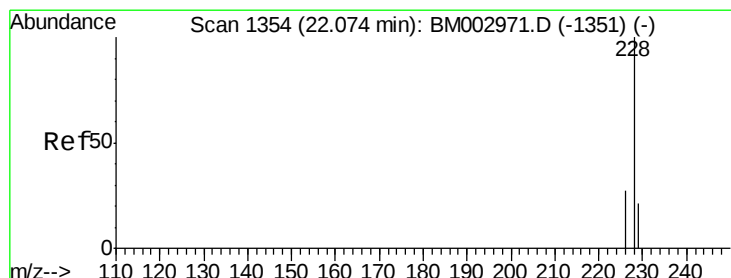
Tgt Ion:228 Resp: 15221

Ion Ratio Lower Upper

228 100

226 36.5 25.7 38.5

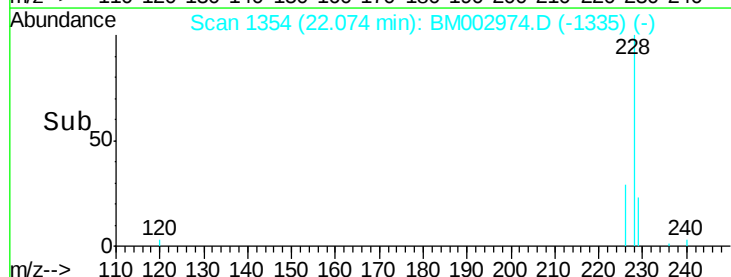
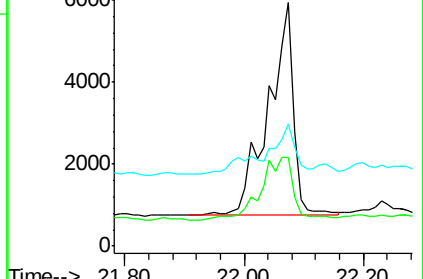
229 50.3 15.2 22.8#

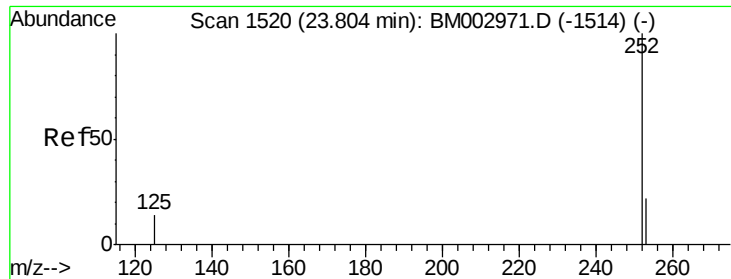


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.21 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

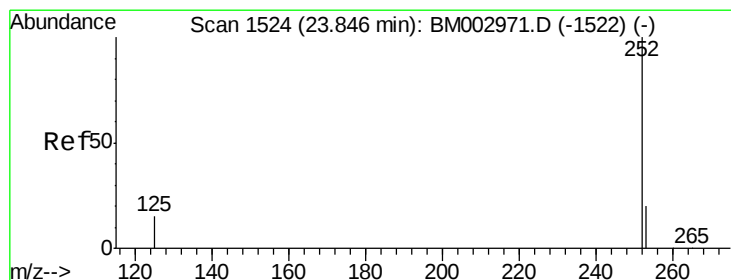
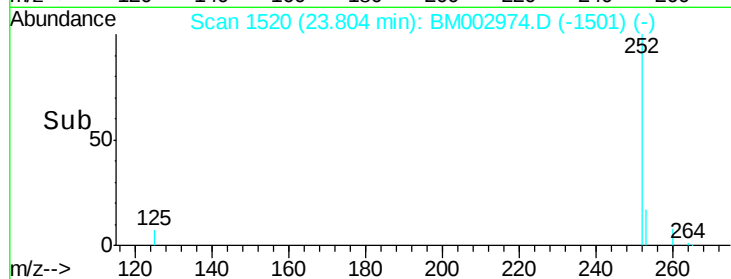
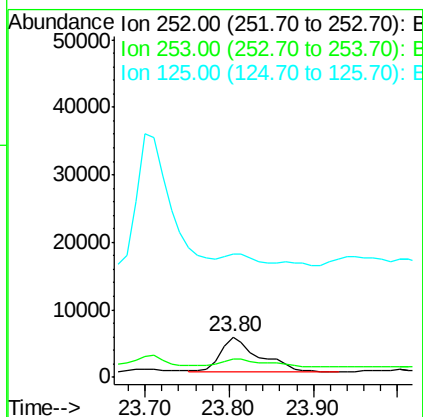
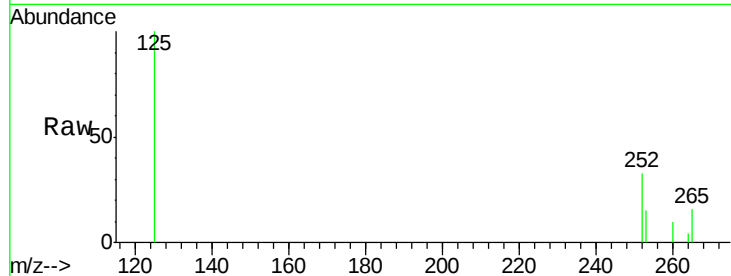
Tot Ion:252 Resp: 15342

Ion Ratio Lower Upper

252 100

253 45.9 0.0 48.0

125 306.2 0.0 36.6#



#24

Benzo(k)fluoranthene

Concen: 0.21 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.04 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

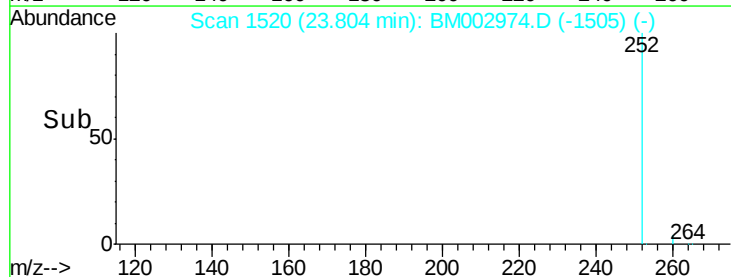
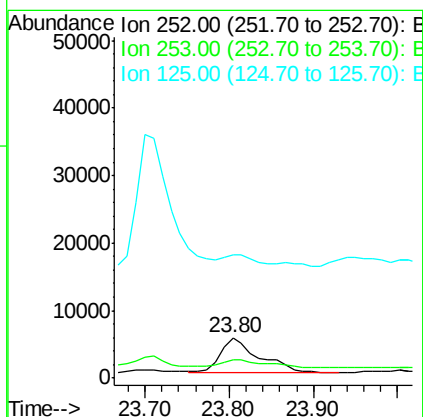
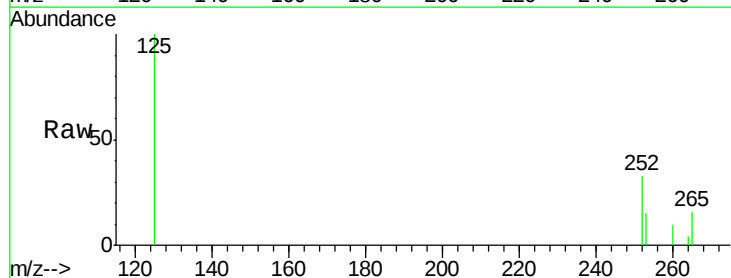
Tgt Ion:252 Resp: 15342

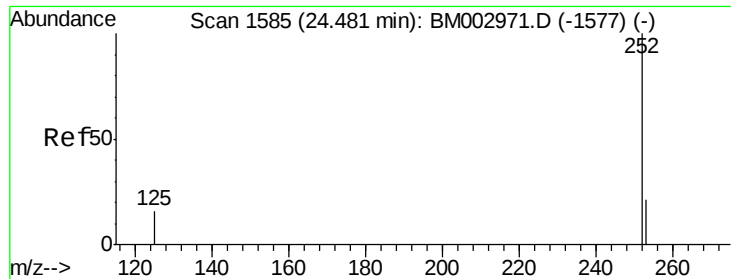
Ion Ratio Lower Upper

252 100

253 45.9 20.8 31.2#

125 306.2 12.2 18.4#





#25

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 24.48 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

Instrument :

BNA_M

ClientSampleId :

JG9K0

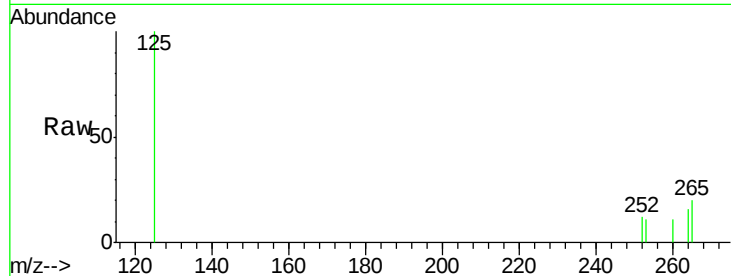
Tot Ion:252 Resp: 2601

Ion Ratio Lower Upper

252 100

253 91.4 21.8 32.8#

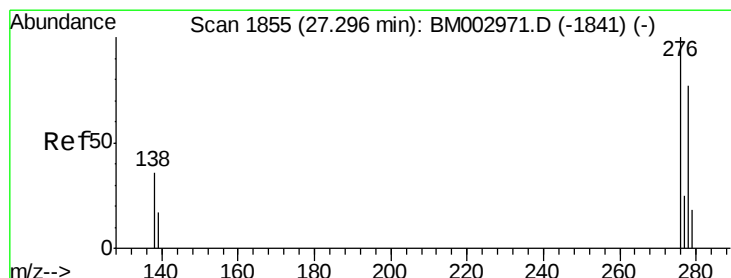
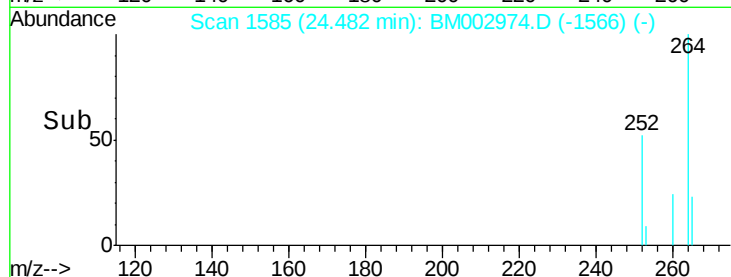
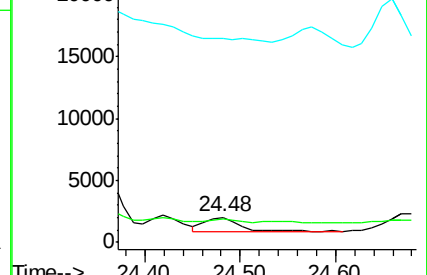
125 814.2 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM002974.D

Acq: 22 Oct 2015 12:44

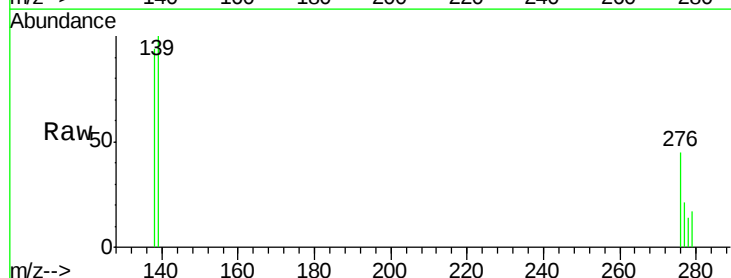
Tgt Ion:276 Resp: 5329

Ion Ratio Lower Upper

276 100

138 108.0 27.5 41.3#

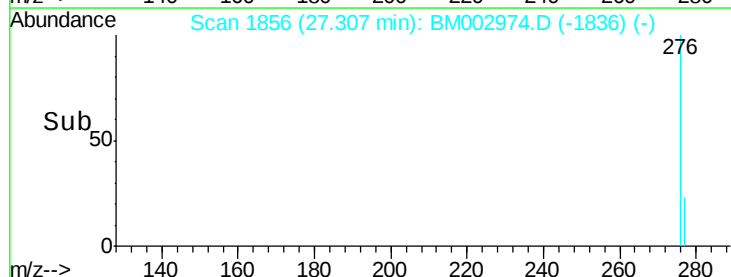
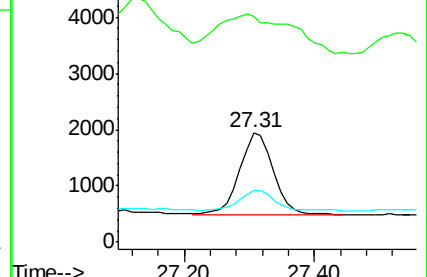
277 25.7 19.3 28.9

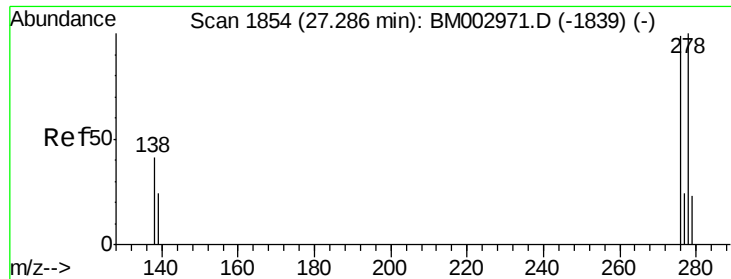


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

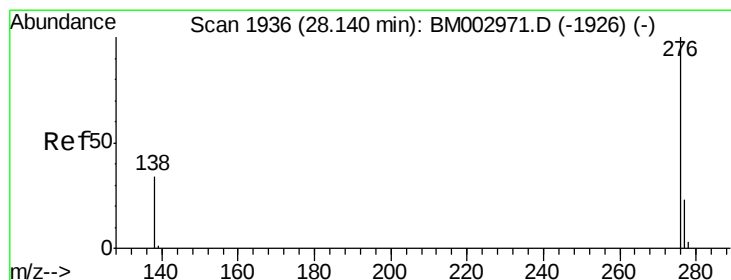
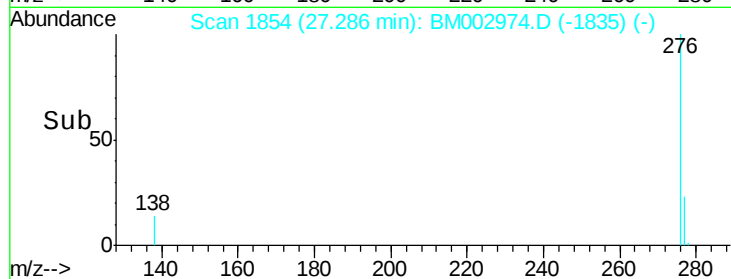
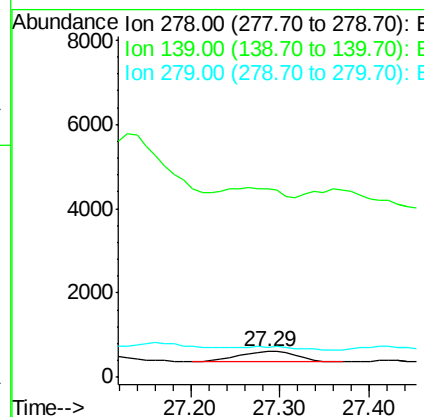
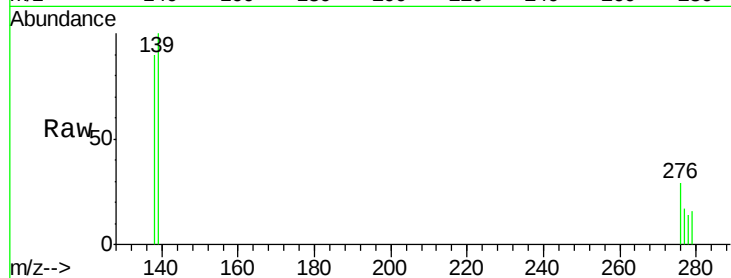




#27
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 27.29 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM002974.D
Acq: 22 Oct 2015 12:44

Instrument :
BNA_M
ClientSampleId :
JG9K0

Tot Ion:278 Resp: 1130
Ion Ratio Lower Upper
278 100
139 732.3 21.7 32.5#
279 118.5 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 28.16 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BM002974.D
Acq: 22 Oct 2015 12:44

Tgt Ion:276 Resp: 11379
Ion Ratio Lower Upper
276 100
277 39.2 21.3 31.9#
138 151.7 25.5 38.3#

