

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071416\
 Data File : BM006423.D
 Acq On : 14 Jul 2016 22:22
 Operator : UM/SJ
 Sample : H3990-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ72

Quant Time: Jul 15 04:36:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	107456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	452146	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	284836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	707655	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	913208	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	970535	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4771	1.87	ng/uL	0.00
5) Phenol-d5	6.80	99	235122	26.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	148058	27.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	189557	26.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	185352	26.49	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	92581	27.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104153	26.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	185377	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	239661	31.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	659998	28.31	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	774311	26.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	95285	23.53	ng/ul	0.00
57) Fluorene-d10	15.27	176	572962	27.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84667	20.68	ng/ul	0.00
70) Anthracene-d10	17.12	188	924938	27.65	ng/ul	0.00
76) Pyrene-d10	19.42	212	1126489	27.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1298485	29.26	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.80	77	145	0.03	ng/ul#	4
6) Phenol	6.83	94	8188	0.88	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.05	93	898	0.13	ng/ul#	60
14) Acetophenone	8.45	105	752	0.07	ng/ul#	45
15) N-Nitroso-di-n-propylamine	8.33	70	4971	0.85	ng/ul#	1
16) 4-Methylphenol	8.39	108	2403	0.32	ng/ul	83
20) Nitrobenzene	8.77	77	710	0.08	ng/ul#	42
21) Isophorone	9.49	82	10576	0.65	ng/ul#	73
28) Naphthalene	10.45	128	703	0.03	ng/ul#	69
44) Dimethylphthalate	13.73	163	228442	9.66	ng/ul	98
45) 2,6-Dinitrotoluene	13.73	165	2582	0.55	ng/ul#	51
47) Acenaphthylene	13.99	152	4569	0.15	ng/ul	97
49) Acenaphthene	14.34	153	226	0.01	ng/ul#	69
56) Diethylphthalate	15.11	149	873	0.03	ng/ul#	59
58) Fluorene	15.33	166	485	0.02	ng/ul#	85
64) N-Nitrosodiphenylamine	15.41	169	742	0.04	ng/ul#	33
69) Phenanthrene	17.06	178	12344	0.32	ng/ul	96
71) Anthracene	17.06	178	12344	0.31	ng/ul	96
72) Carbazole	17.43	167	296	0.01	ng/ul#	60
73) Di-n-butylphthalate	17.99	149	6236	0.13	ng/ul#	95
74) Fluoranthene	19.09	202	66136	1.46	ng/ul	98
77) Pyrene	19.45	202	63882	1.17	ng/ul	98
78) Butylbenzylphthalate	20.36	149	1572	0.07	ng/ul#	74

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

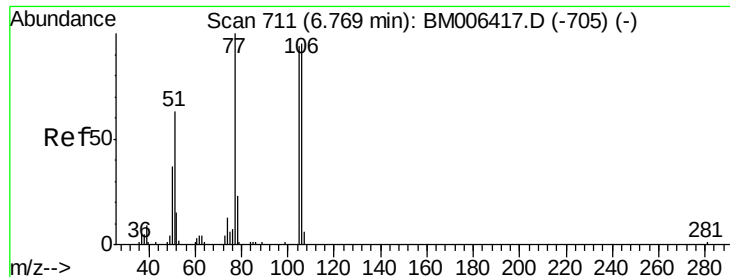
Instrument :
 BNA_M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 3,3'-Dichlorobenzidine	21.26	252	614	0.03	ng/ul#	1
80) Benzo(a)anthracene	21.20	228	50345	0.90	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.14	149	22876	0.69	ng/ul	98
82) Chrysene	21.26	228	49875	0.95	ng/ul	92
84) Di-n-octyl phthalate	22.02	149	2049	0.04	ng/ul#	1
85) Benzo(b)fluoranthene	22.76	252	65938	1.14	ng/ul	96
86) Benzo(k)fluoranthene	22.76	252	65938	1.21	ng/ul	96
88) Benzo(a)pyrene	23.32	252	52999	0.95	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	29517	0.46	ng/ul	98
90) Dibenzo(a,h)anthracene	25.61	278	5584	0.10	ng/ul#	75
91) Benzo(g,h,i)perylene	26.29	276	24448	0.43	ng/ul	95

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



#4

Benzaldehyde

Concen: 0.03 ng/ul

RT: 6.80 min Scan# 716

Delta R.T. 0.03 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampled :

BDJ72

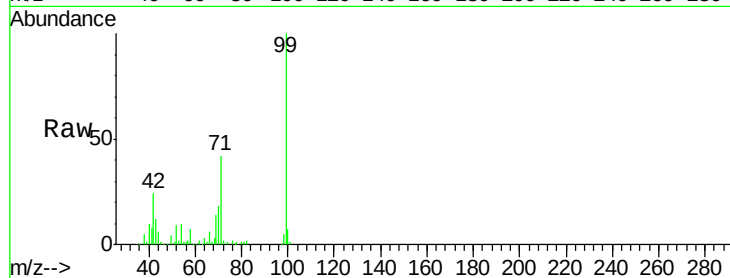
Tgt Ion: 77 Resp: 145

Ion Ratio Lower Upper

77 100

105 0.0 74.9 112.3#

106 0.0 70.7 106.1#



Abundance Ion 77.00 (76.70 to 77.70): BM006417.D (-705) (-)

Ion 105.00 (104.70 to 105.70): BM006417.D (-705) (-)

Ion 106.00 (105.70 to 106.70): BM006417.D (-705) (-)

6.80

400

300

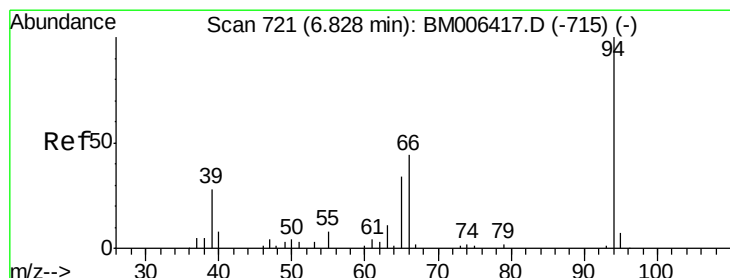
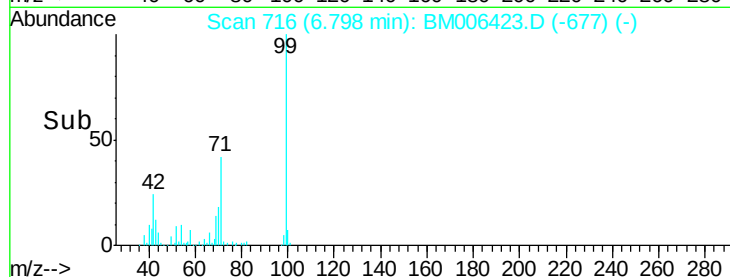
200

100

0

6.79 6.80 6.81

Time-->



#6

Phenol

Concen: 0.88 ng/ul

RT: 6.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

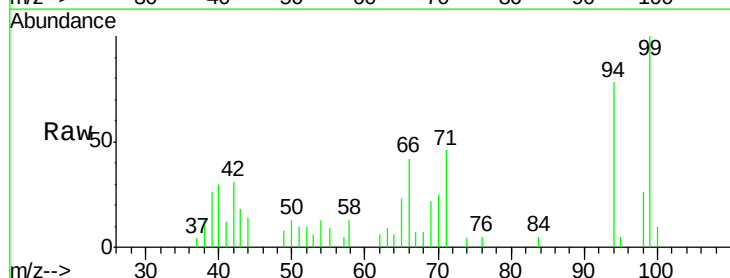
Tgt Ion: 94 Resp: 8188

Ion Ratio Lower Upper

94 100

65 29.1 25.8 38.8

66 54.1 35.7 53.5#



Abundance Ion 94.00 (93.70 to 94.70): BM006417.D (-715) (-)

Ion 65.00 (64.70 to 65.70): BM006417.D (-715) (-)

Ion 66.00 (65.70 to 66.70): BM006417.D (-715) (-)

6.83

12000

10000

8000

6000

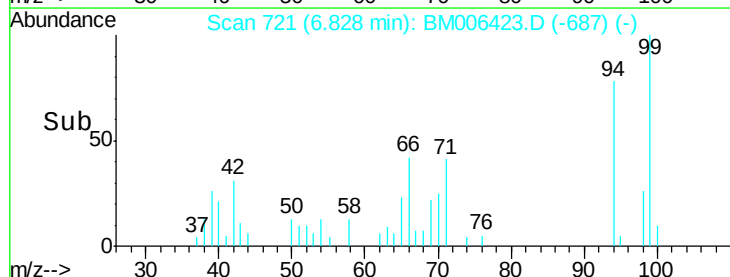
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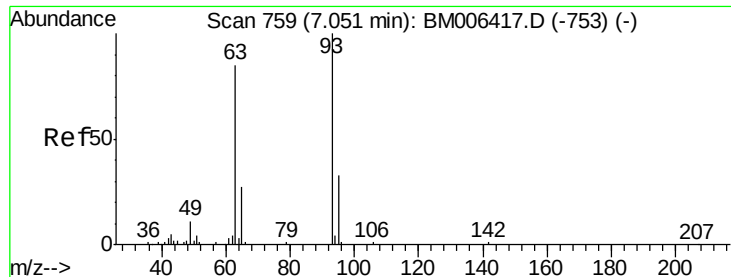
2000

0

6.80 6.85

Time-->





#8

Bis(2-Chloroethyl)ether

Concen: 0.13 ng/ul

RT: 7.05 min Scan# 759

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

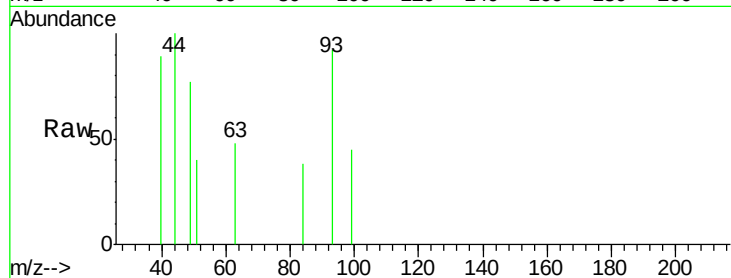
Tgt Ion: 93 Resp: 898

Ion Ratio Lower Upper

93 100

63 51.6 64.2 96.4#

95 0.0 26.0 39.0#

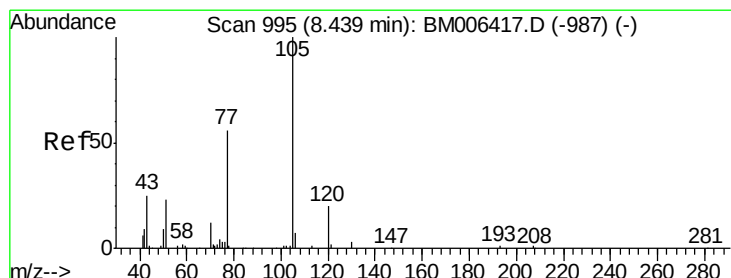
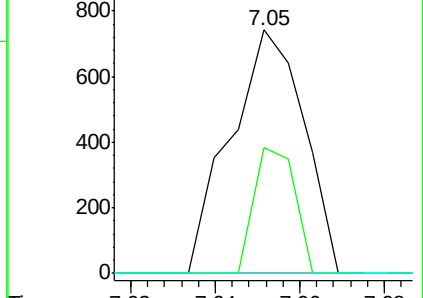
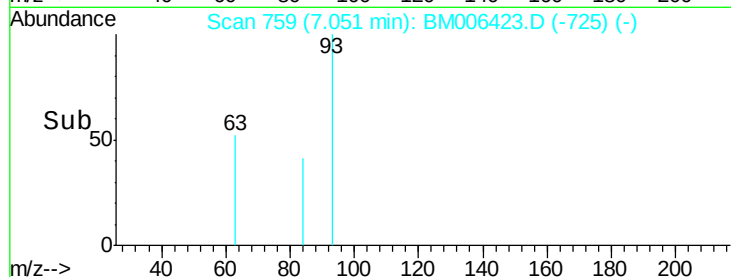


Abundance Ion 93.00 (92.70 to 93.70): BM006423.D (-725) (-)

Ion 63.00 (62.70 to 63.70): BM006423.D (-725) (-)

Ion 95.00 (94.70 to 95.70): BM006423.D (-725) (-)

Time-->



#14

Acetophenone

Concen: 0.07 ng/ul

RT: 8.45 min Scan# 996

Delta R.T. 0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

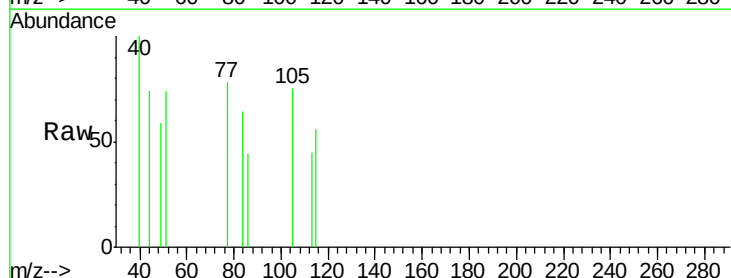
Tgt Ion: 105 Resp: 752

Ion Ratio Lower Upper

105 100

77 103.9 62.8 94.2#

51 98.6 26.5 39.7#

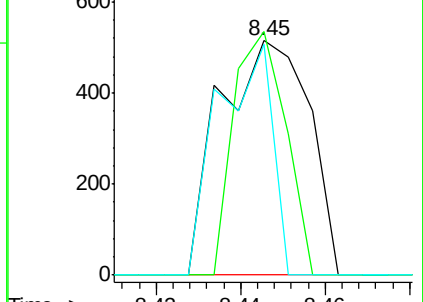
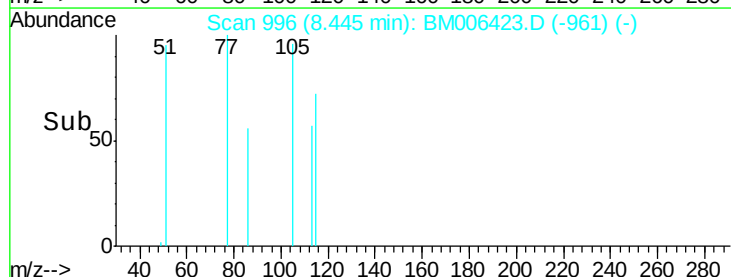


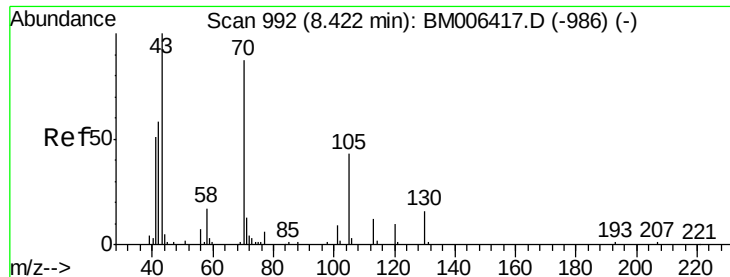
Abundance Ion 105.00 (104.70 to 105.70): BM006423.D (-961) (-)

Ion 77.00 (76.70 to 77.70): BM006423.D (-961) (-)

Ion 51.00 (50.70 to 51.70): BM006423.D (-961) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 0.85 ng/ul

RT: 8.33 min Scan# 976

Delta R.T. -0.09 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

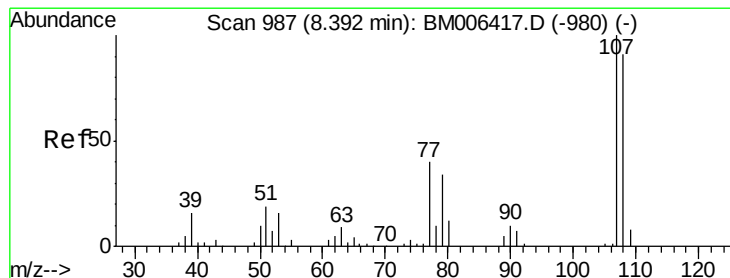
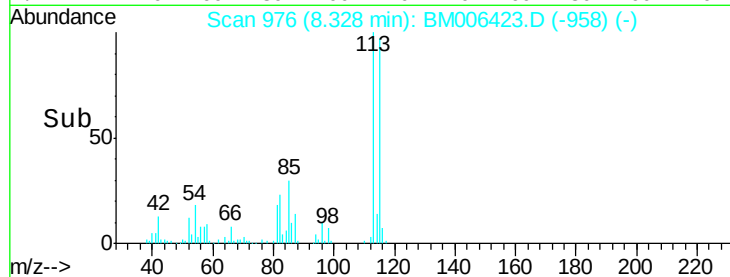
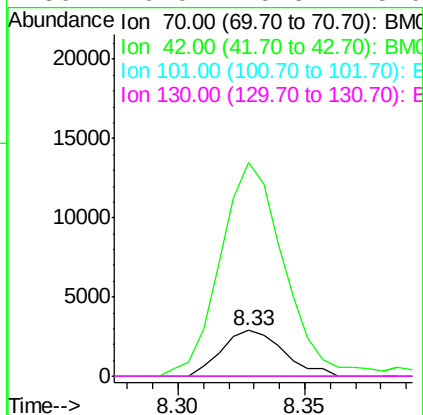
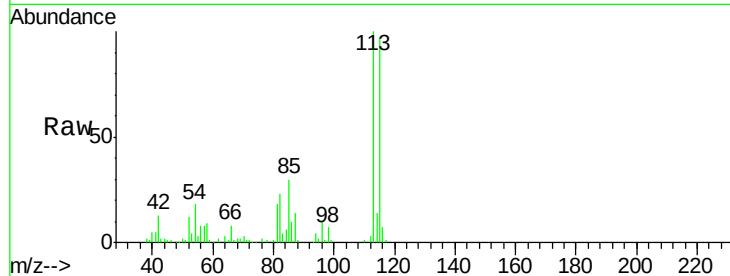
Instrument :

BNA_M

ClientSampleId :

BDJ72

Tgt Ion:	70	Resp:	4971
Ion	Ratio	Lower	Upper
70	100		
42	464.1	50.6	75.8#
101	0.0	7.9	11.9#
130	0.0	15.8	23.6#



#16

4-Methylphenol

Concen: 0.32 ng/ul

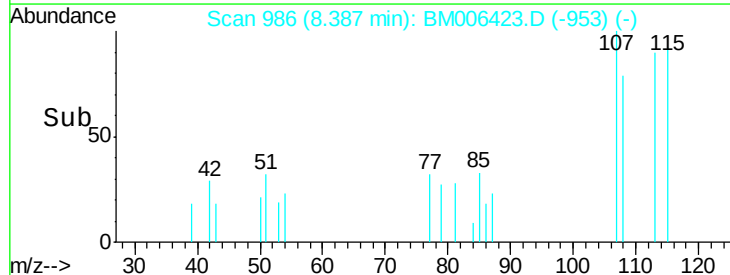
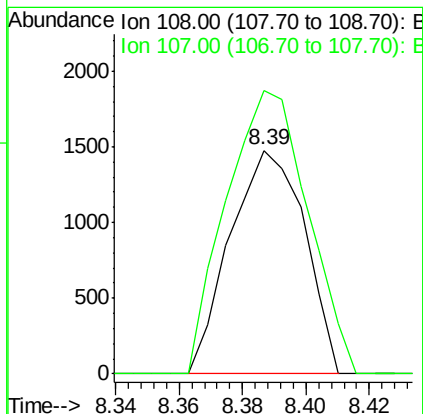
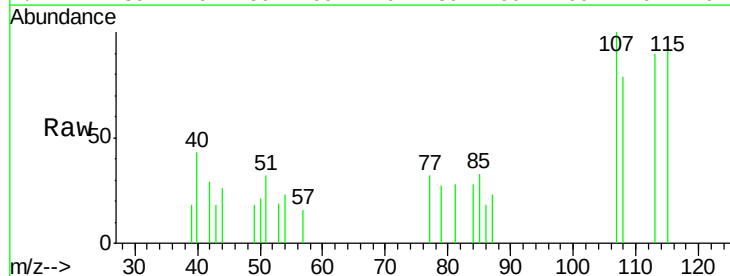
RT: 8.39 min Scan# 986

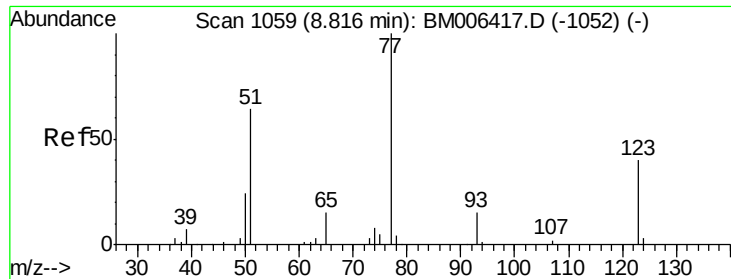
Delta R.T. -0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Tgt Ion:	108	Resp:	2403
Ion	Ratio	Lower	Upper
108	100		
107	126.6	87.4	131.0

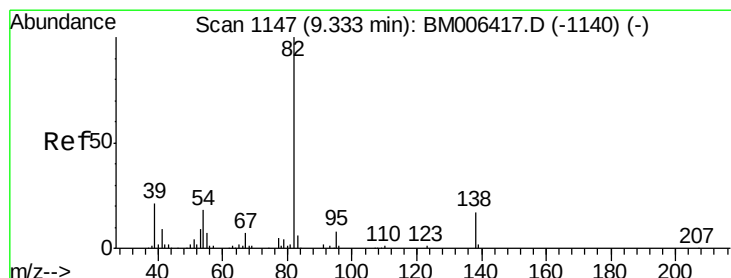
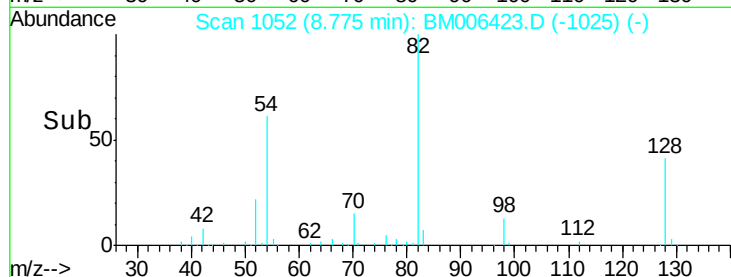
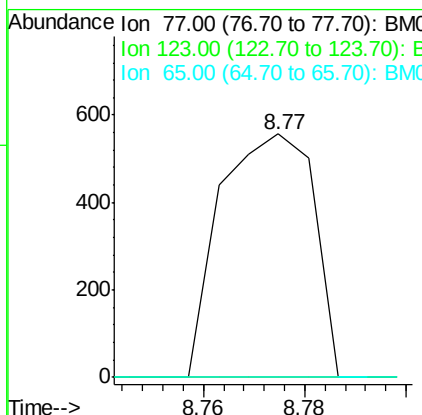
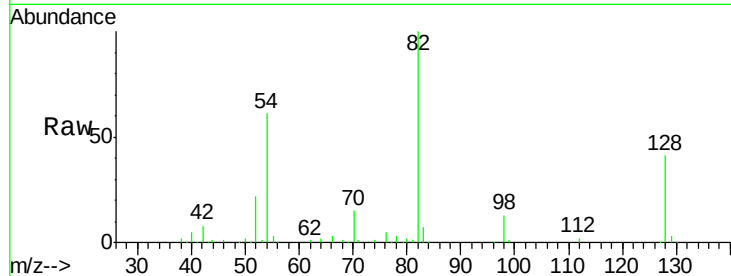




#20
 Nitrobenzene
 Concen: 0.08 ng/ul
 RT: 8.77 min Scan# 1052
 Delta R.T. -0.04 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

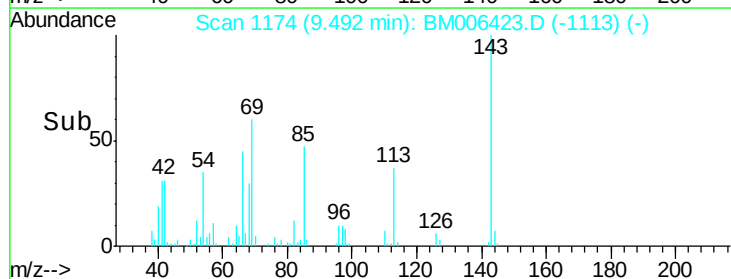
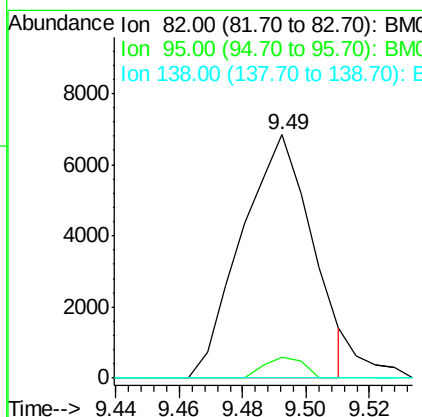
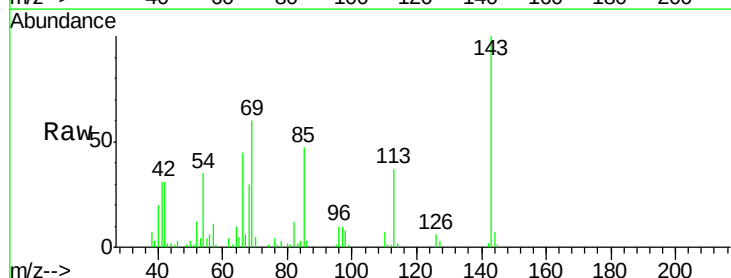
Instrument :
 BNA_M
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 BDJ72

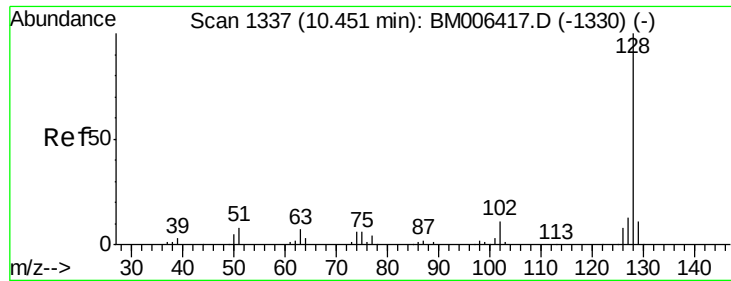
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	0.0	11.5	17.3#



#21
 Isophorone
 Concen: 0.65 ng/ul
 RT: 9.49 min Scan# 1174
 Delta R.T. 0.16 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.0	9.0
138	0.0	13.0	19.4#

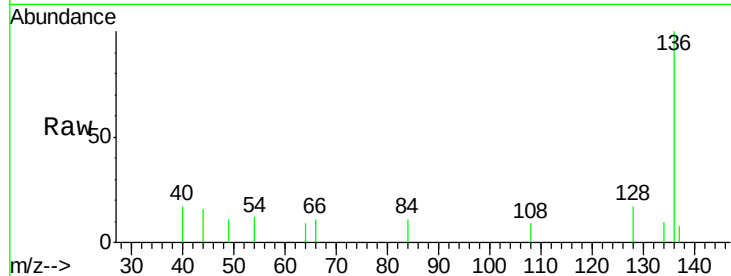




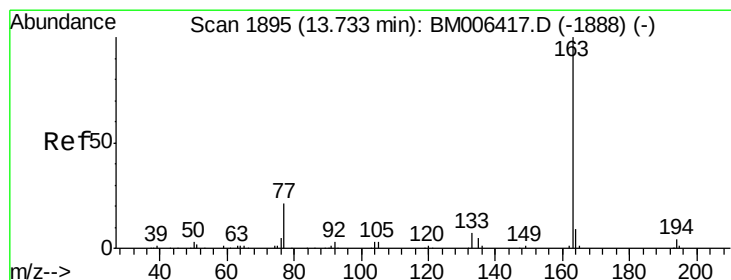
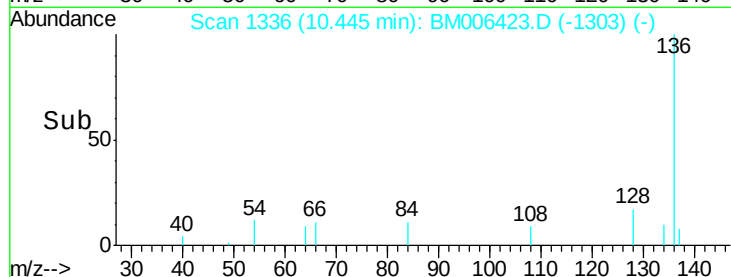
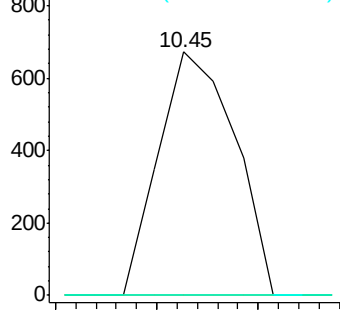
#28
Naphthalene
Concen: 0.03 ng/ul
RT: 10.45 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

Instrument :
BNA_M
ClientSampleId :
BDJ72

Tgt Ion:128 Resp: 703
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.9 16.3#

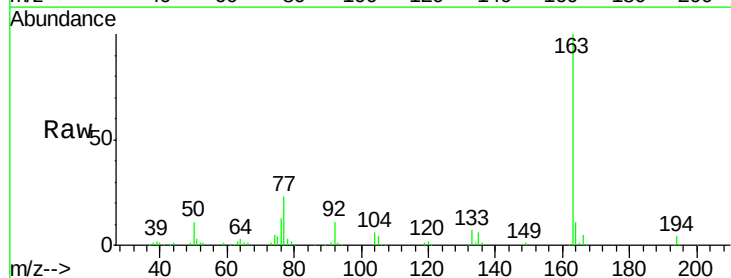


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

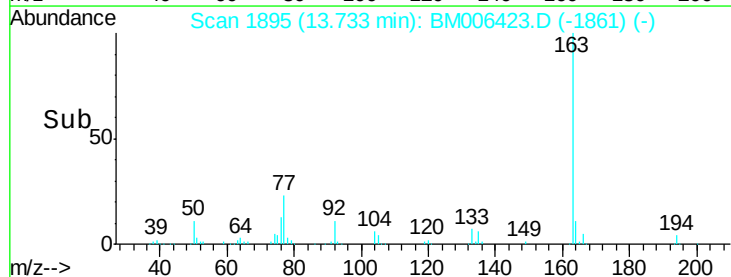
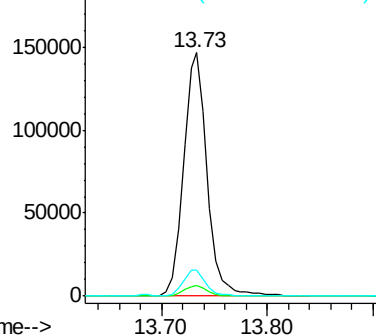


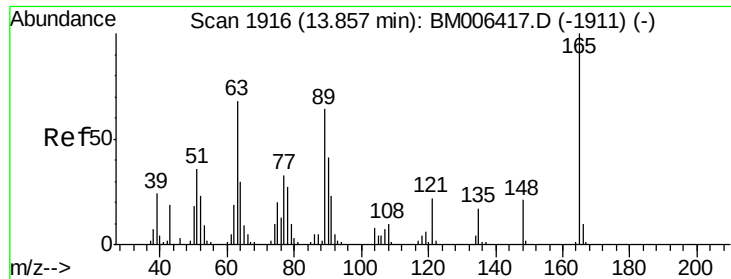
#44
Dimethylphthalate
Concen: 9.66 ng/ul
RT: 13.73 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

Tgt Ion:163 Resp: 228442
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

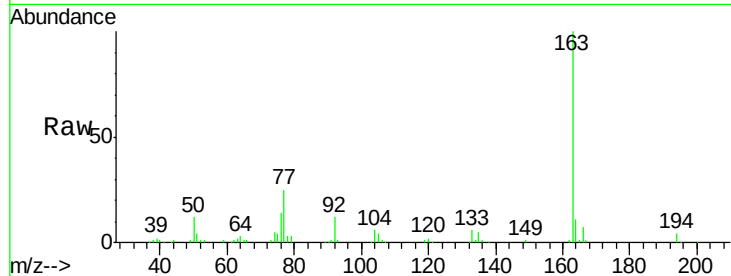




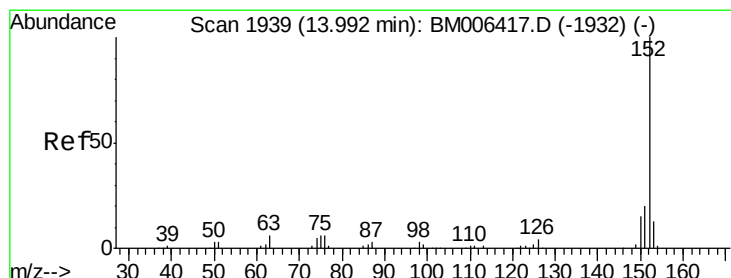
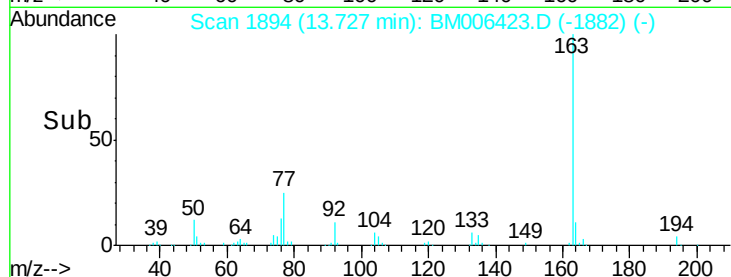
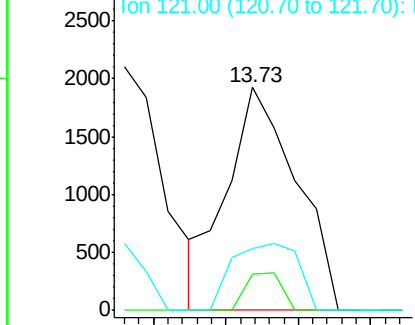
#45
 2,6-Dinitrotoluene
 Concen: 0.55 ng/ul
 RT: 13.73 min Scan# 1894
 Delta R.T. -0.13 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 BDJ72

Tgt Ion:165 Resp: 2582
 Ion Ratio Lower Upper
 165 100
 89 16.5 52.1 78.1#
 121 27.6 17.3 25.9#

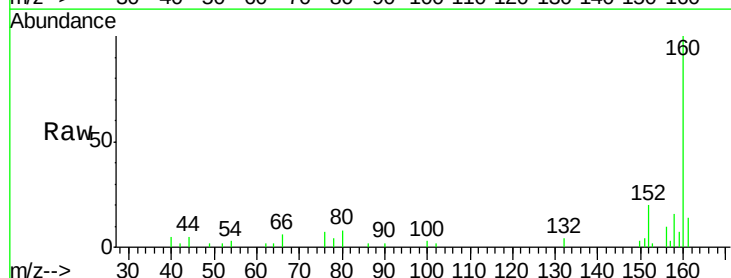


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM006417.D (-1911) (-)
 Ion 121.00 (120.70 to 121.70): E

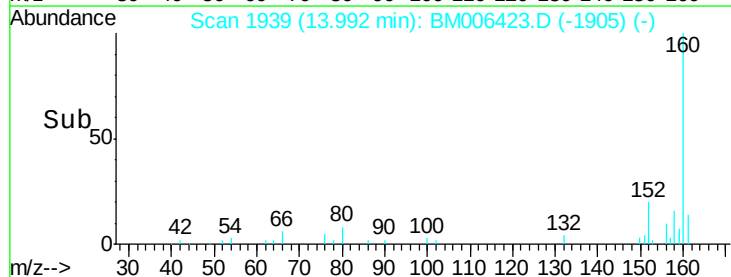
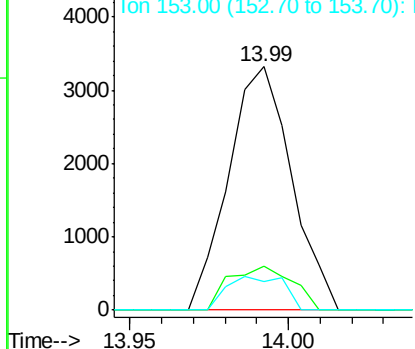


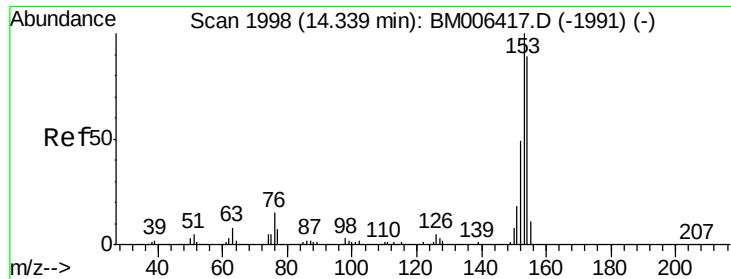
#47
 Acenaphthylene
 Concen: 0.15 ng/ul
 RT: 13.99 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

Tgt Ion:152 Resp: 4569
 Ion Ratio Lower Upper
 152 100
 151 18.2 15.6 23.4
 153 11.5 10.3 15.5



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





#49

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.34 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

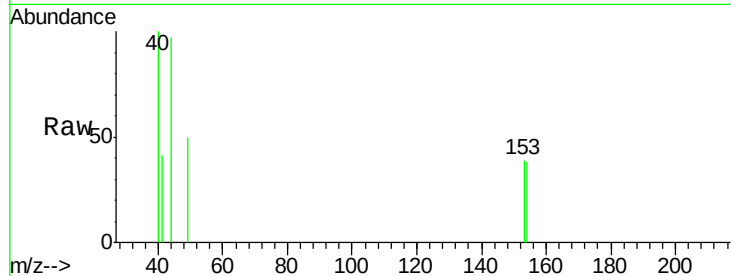
Tgt Ion:153 Resp: 226

Ion Ratio Lower Upper

153 100

152 0.0 37.7 56.5#

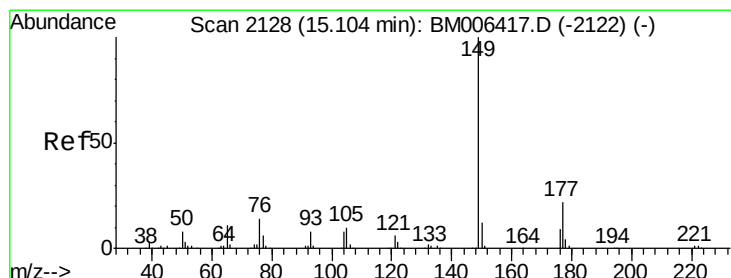
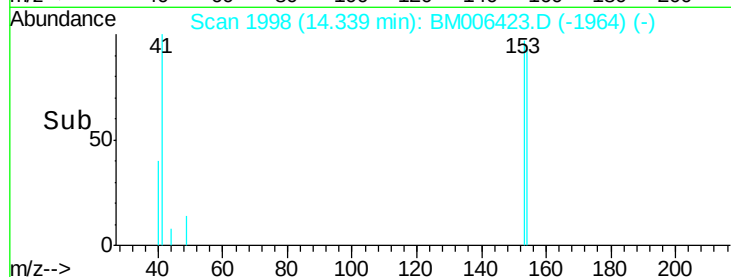
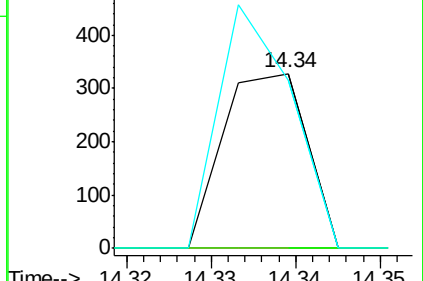
154 96.0 70.0 105.0



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



#56

Diethylphthalate

Concen: 0.03 ng/ul

RT: 15.11 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

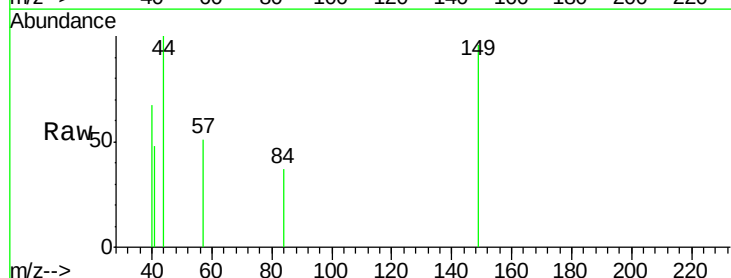
Tgt Ion:149 Resp: 873

Ion Ratio Lower Upper

149 100

177 0.0 17.7 26.5#

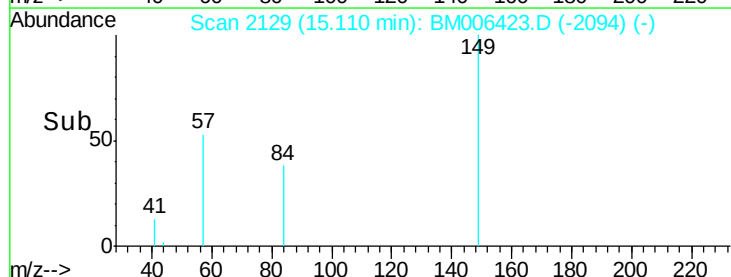
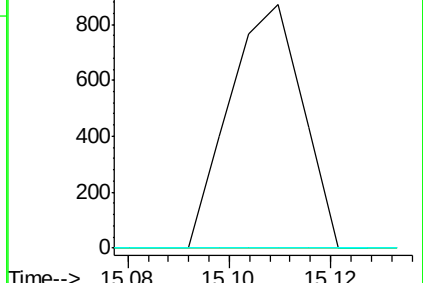
150 0.0 9.8 14.8#

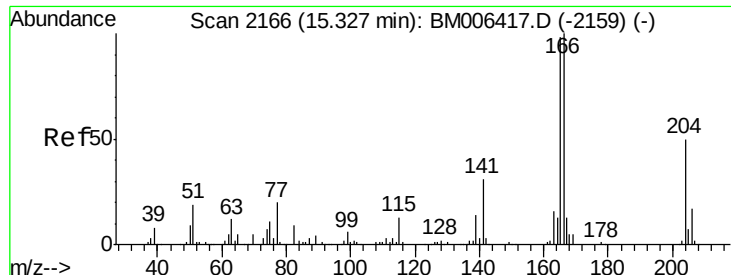


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

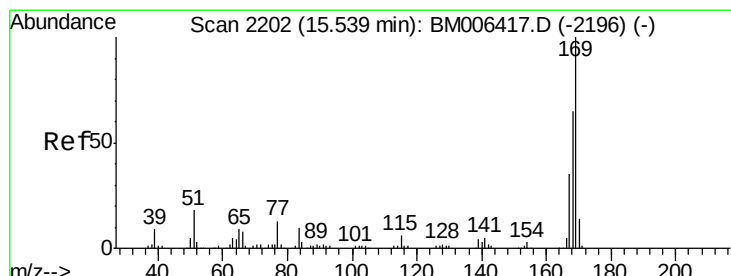
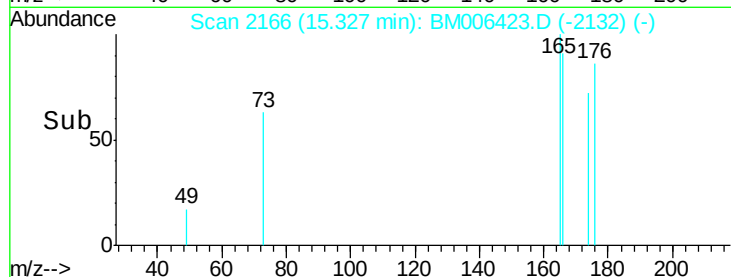
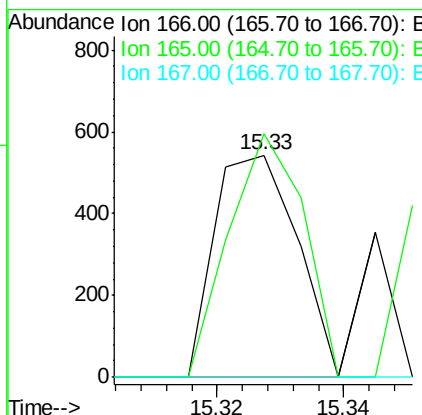
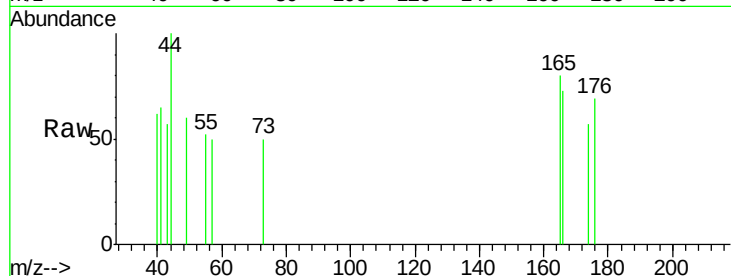




#58
 Fluorene
 Concen: 0.02 ng/ul
 RT: 15.33 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

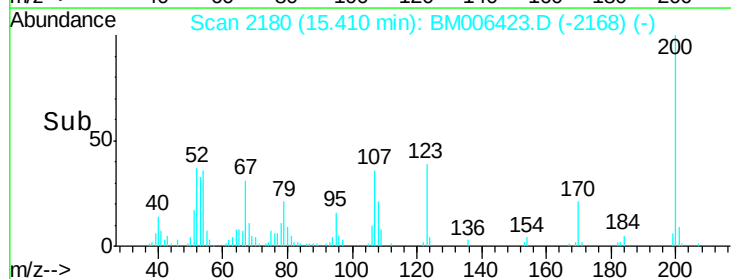
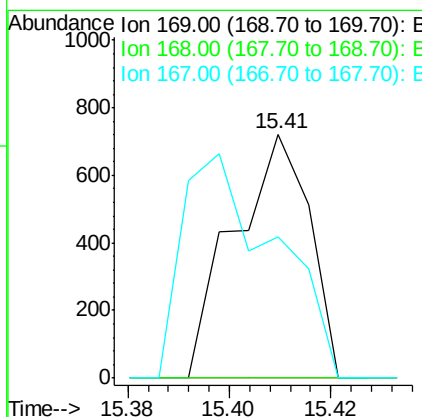
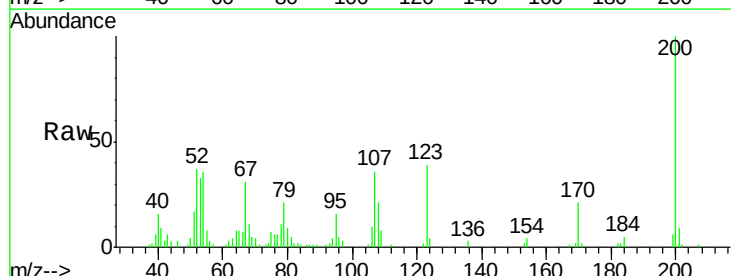
Instrument :
 BNA_M
 ClientSampleId :
 BDJ72

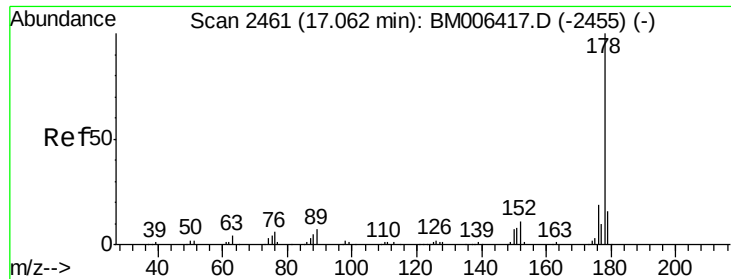
Tgt Ion:166 Resp: 485
 Ion Ratio Lower Upper
 166 100
 165 109.6 77.5 116.3
 167 0.0 10.8 16.2#



#64
 N-Nitrosodiphenylamine
 Concen: 0.04 ng/ul
 RT: 15.41 min Scan# 2180
 Delta R.T. -0.13 min
 Lab File: BM006423.D
 Acq: 14 Jul 2016 22:22

Tgt Ion:169 Resp: 742
 Ion Ratio Lower Upper
 169 100
 168 0.0 52.9 79.3#
 167 57.8 28.7 43.1#





#69

Phenanthrene

Concen: 0.32 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

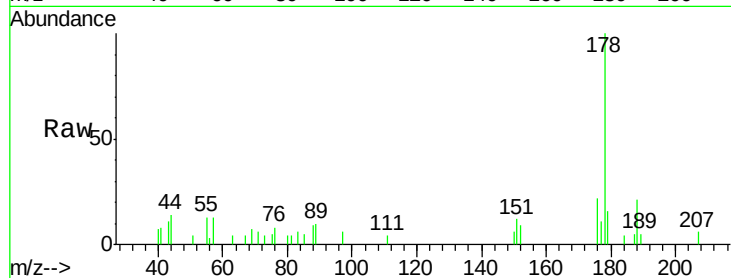
Tgt Ion:178 Resp: 12344

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

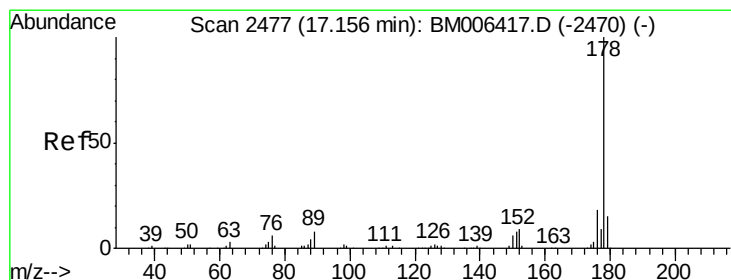
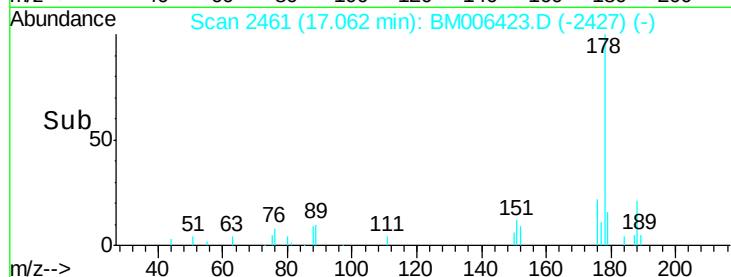
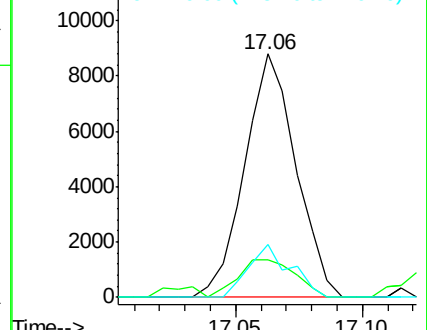
176 21.9 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.31 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. -0.09 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

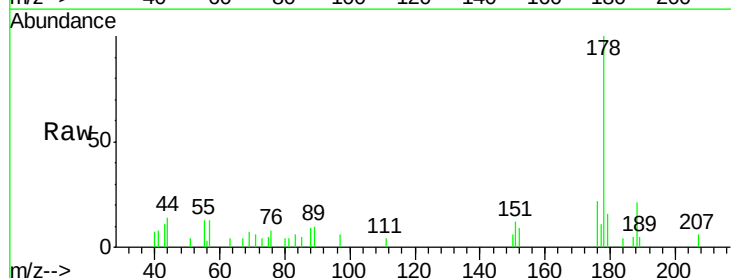
Tgt Ion:178 Resp: 12344

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

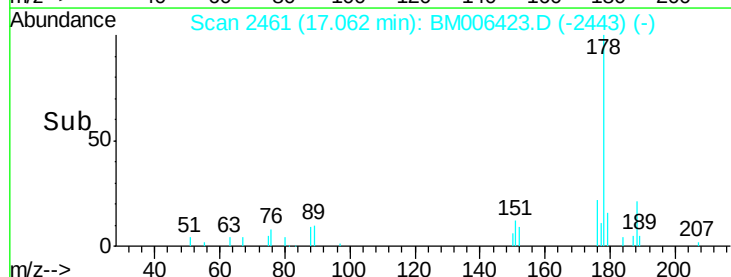
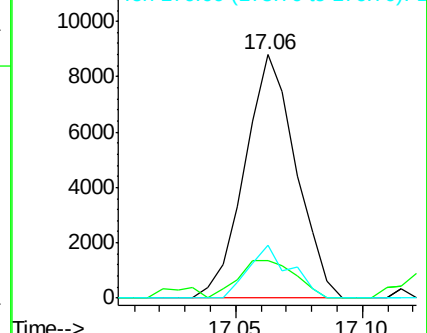
176 21.9 15.0 22.6

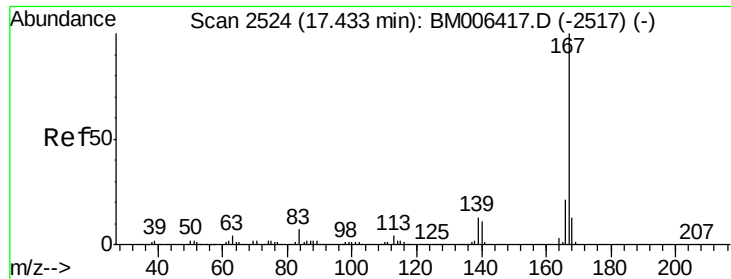


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.01 ng/ul

RT: 17.43 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

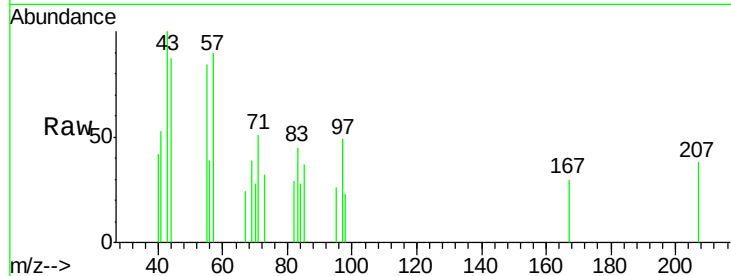
Tgt Ion:167 Resp: 296

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.6#

139 0.0 10.2 15.4#



Abundance Ion 167.00 (166.70 to 167.70): E

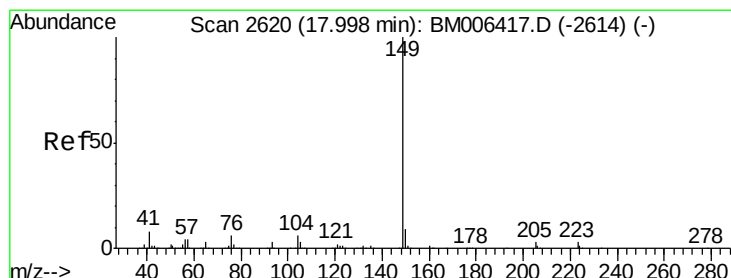
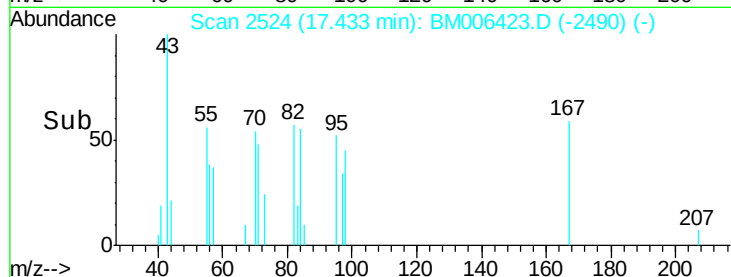
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.43

17.44

Time-->



#73

Di-n-butylphthalate

Concen: 0.13 ng/ul

RT: 17.99 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

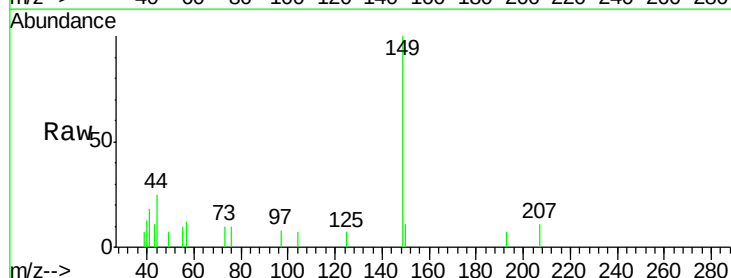
Tgt Ion:149 Resp: 6236

Ion Ratio Lower Upper

149 100

150 10.8 7.1 10.7#

104 6.7 4.4 6.6#



Abundance Ion 149.00 (148.70 to 149.70): E

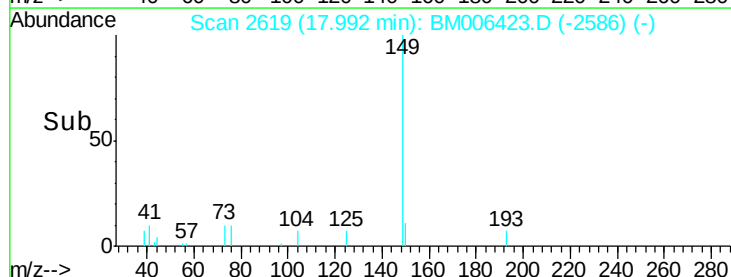
Ion 150.00 (149.70 to 150.70): E

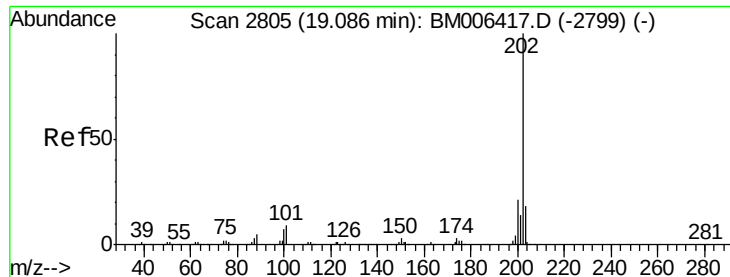
Ion 104.00 (103.70 to 104.70): E

17.99

18.00

Time-->





#74

Fluoranthene

Concen: 1.46 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

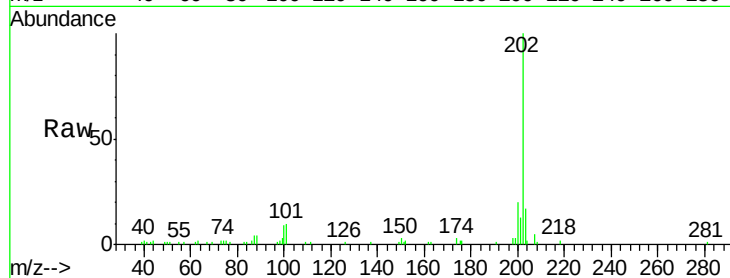
Tgt Ion:202 Resp: 66136

Ion Ratio Lower Upper

202 100

101 10.4 8.6 12.8

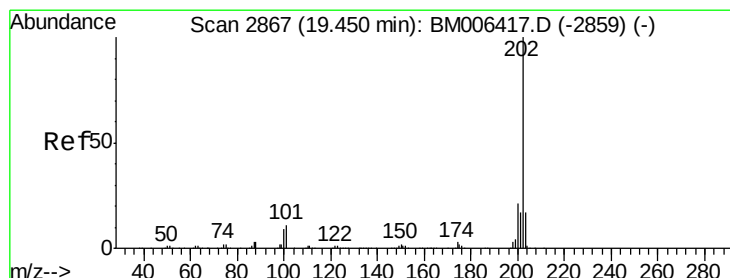
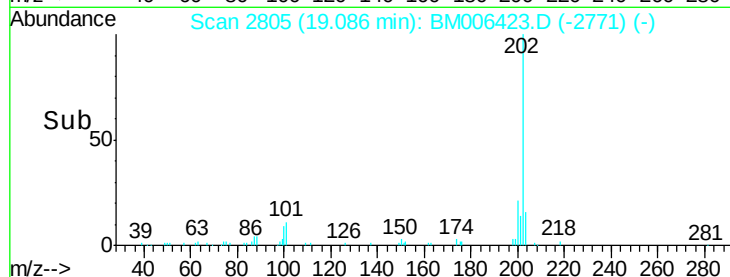
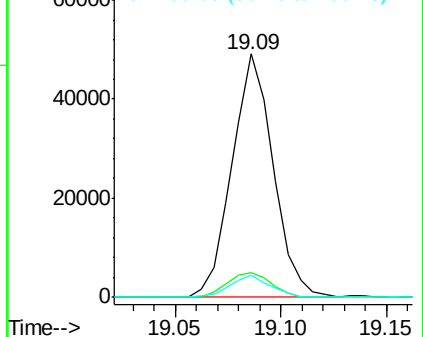
100 9.1 6.4 9.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 1.17 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

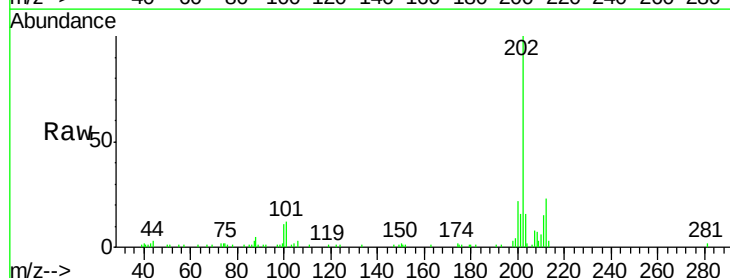
Tgt Ion:202 Resp: 63882

Ion Ratio Lower Upper

202 100

101 12.0 10.0 15.0

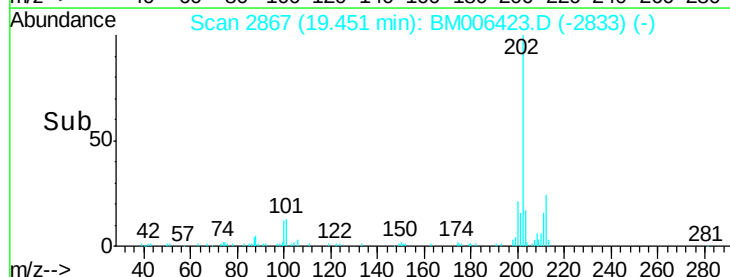
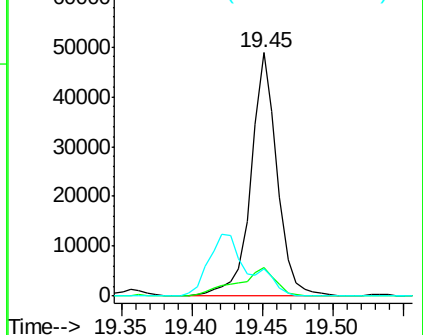
100 11.0 7.9 11.9

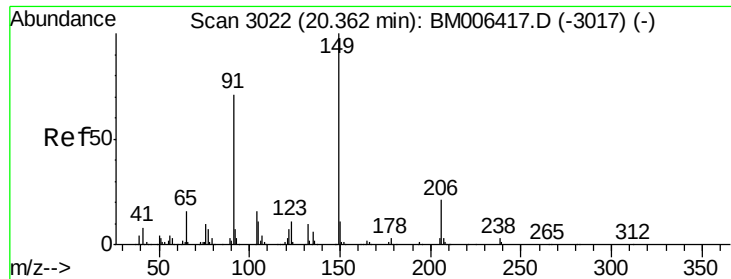


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

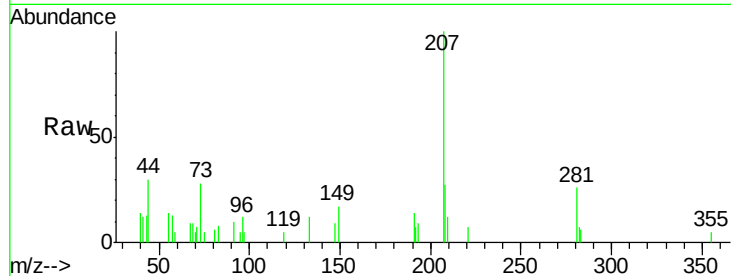




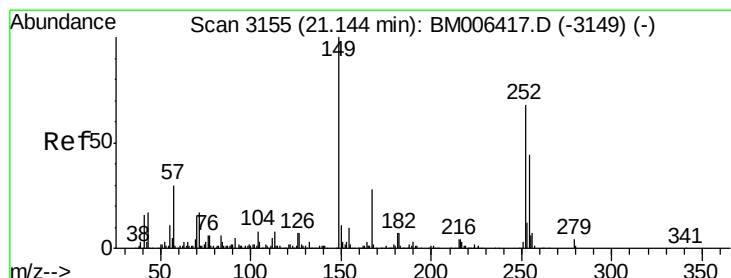
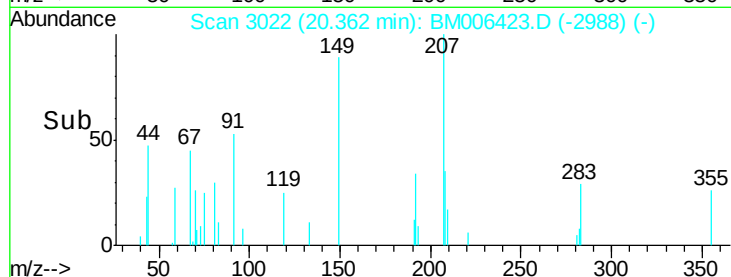
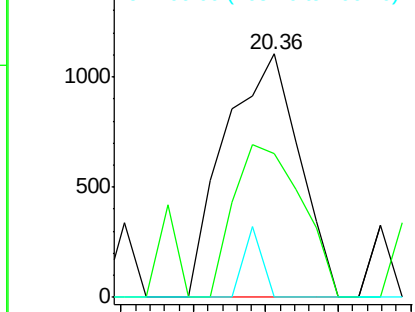
#78
Butylbenzylphthalate
Concen: 0.07 ng/ul
RT: 20.36 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

Instrument :
BNA_M
ClientSampleId :
BDJ72

Tgt Ion:149 Resp: 1572
Ion Ratio Lower Upper
149 100
91 59.0 60.9 91.3#
206 0.0 17.2 25.8#

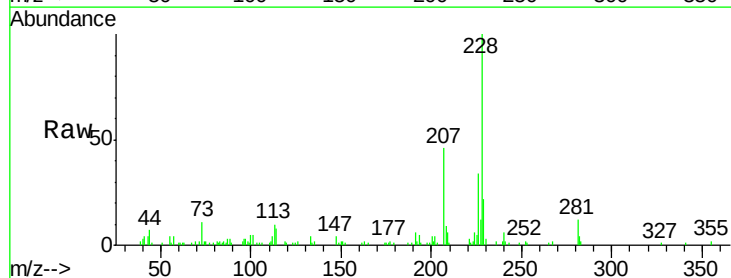


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

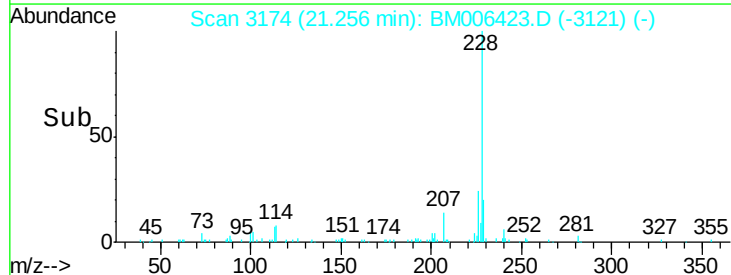
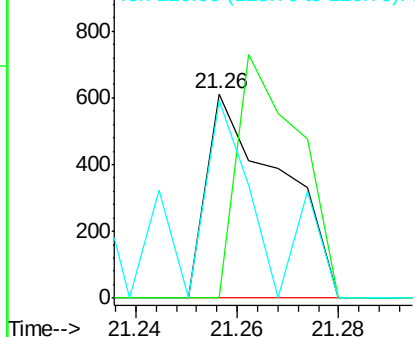


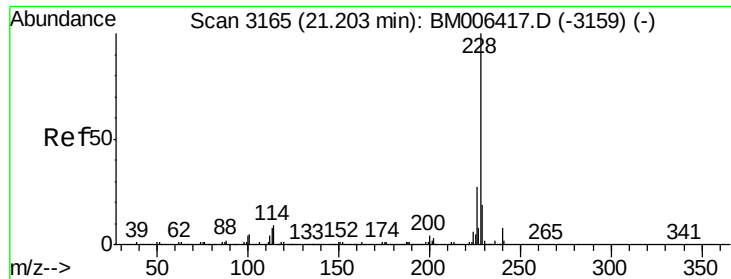
#79
3,3'-Dichlorobenzidine
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.11 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

Tgt Ion:252 Resp: 614
Ion Ratio Lower Upper
252 100
254 0.0 50.8 76.2#
126 96.6 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 0.90 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

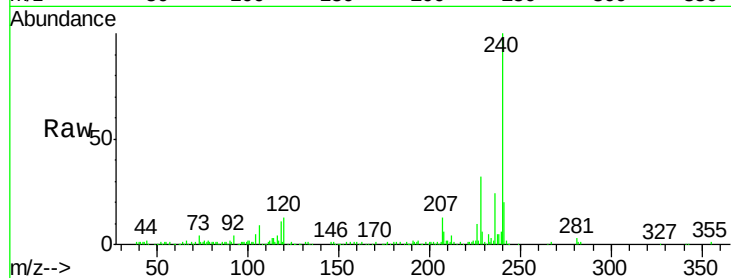
Tgt Ion:228 Resp: 50345

Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

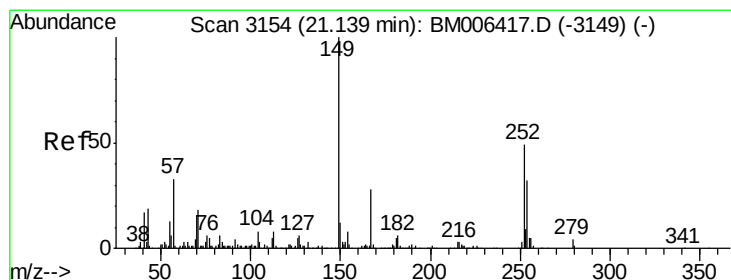
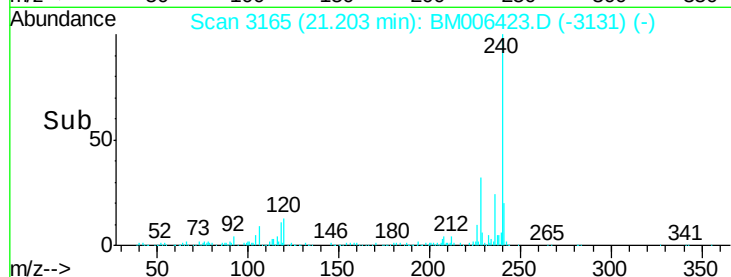
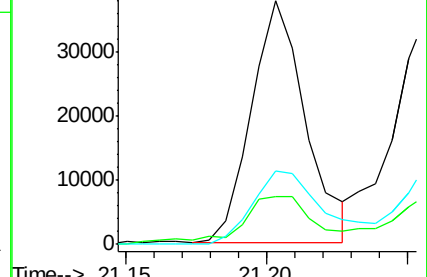
226 29.9 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.69 ng/ul

RT: 21.14 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

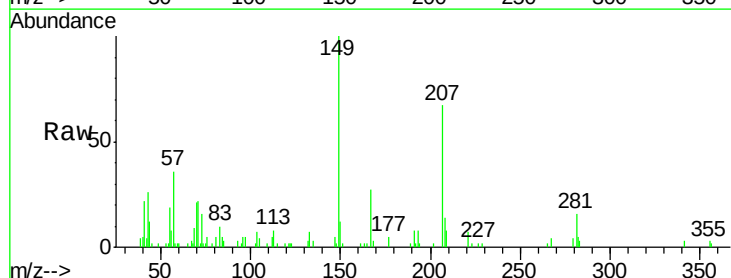
Tgt Ion:149 Resp: 22876

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

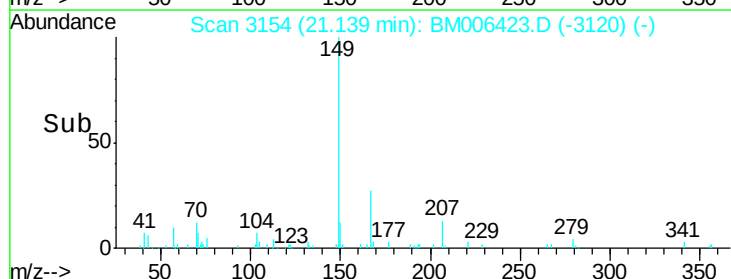
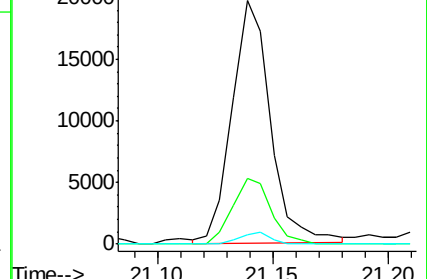
279 4.1 3.1 4.7

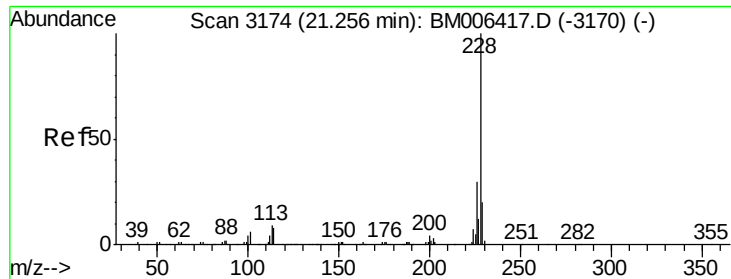


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.95 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

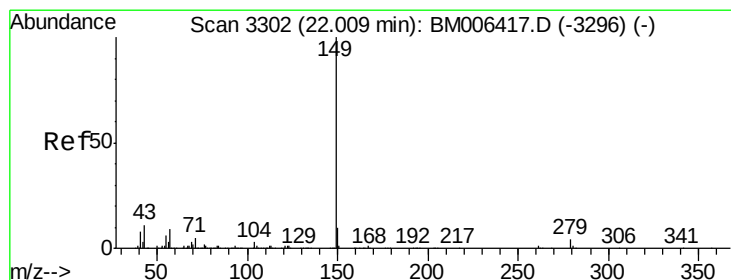
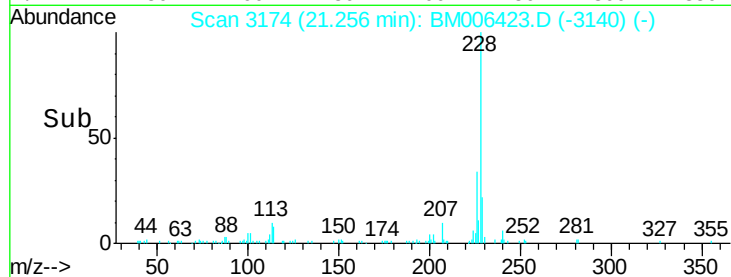
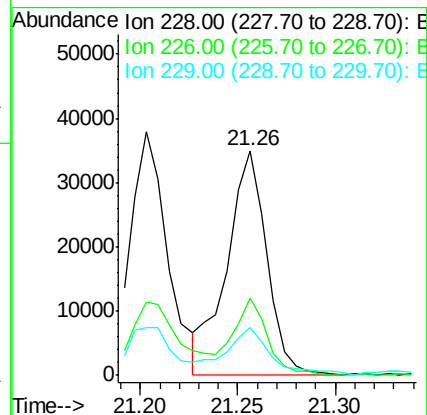
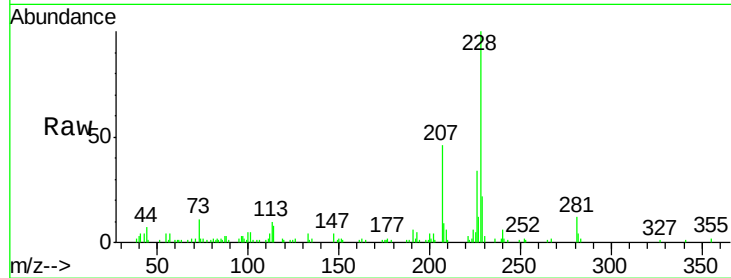
Tgt Ion:228 Resp: 49875

Ion Ratio Lower Upper

228 100

226 34.5 23.3 34.9

229 21.5 15.8 23.8



#84

Di-n-octyl phthalate

Concen: 0.04 ng/ul

RT: 22.02 min Scan# 3303

Delta R.T. 0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

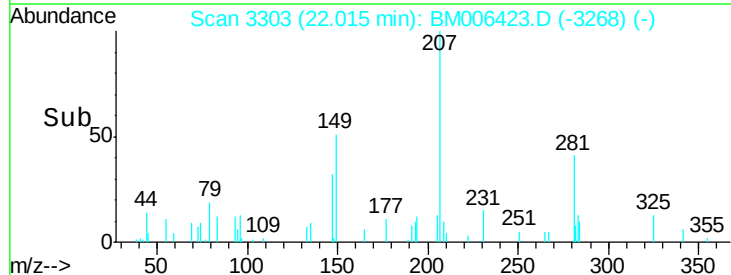
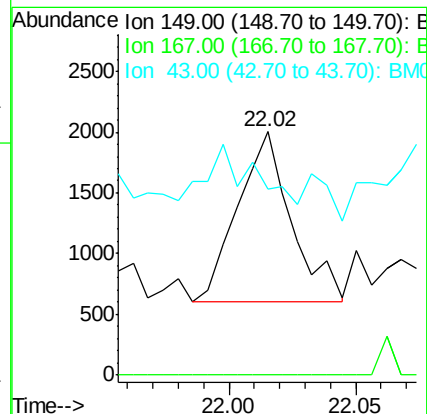
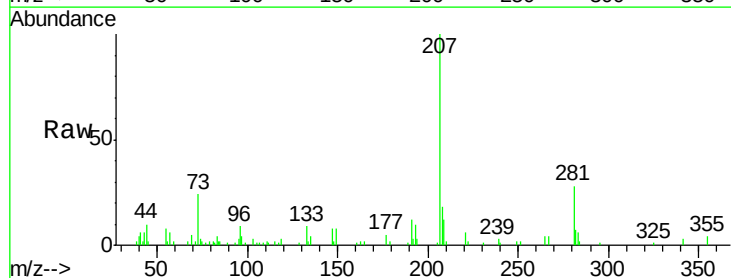
Tgt Ion:149 Resp: 2049

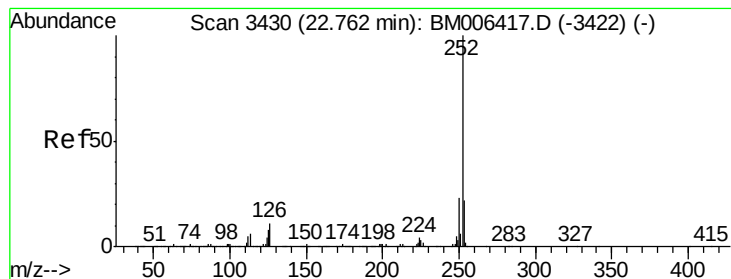
Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 76.6 9.1 13.7#





#85

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

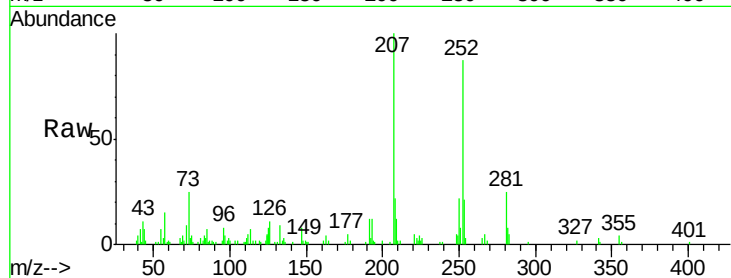
Tgt Ion:252 Resp: 65938

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

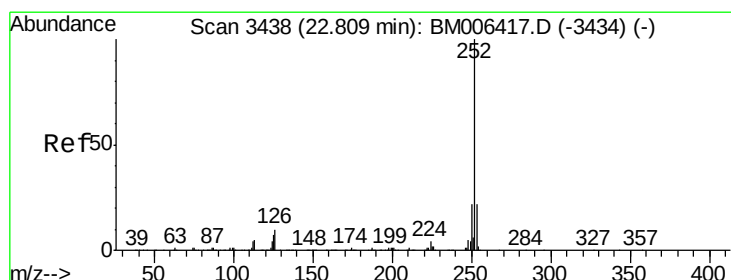
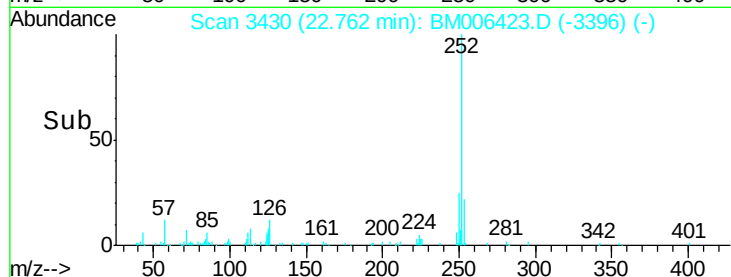
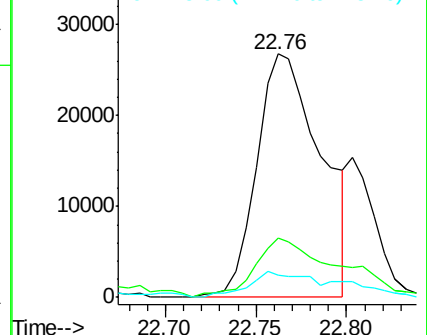
125 8.9 6.7 10.1



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



#86

Benzo(k)fluoranthene

Concen: 1.21 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. -0.05 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

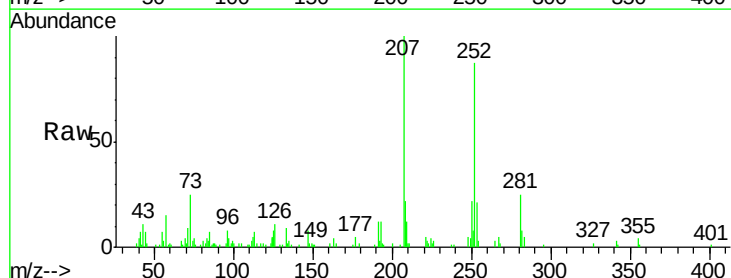
Tgt Ion:252 Resp: 65938

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

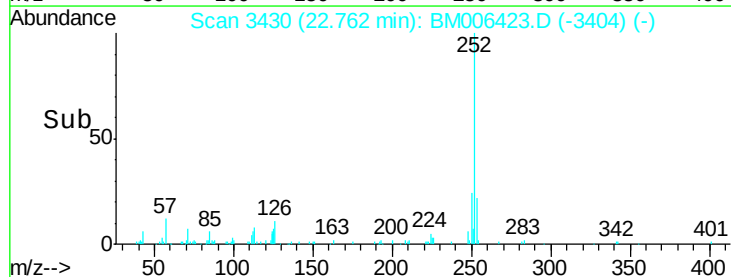
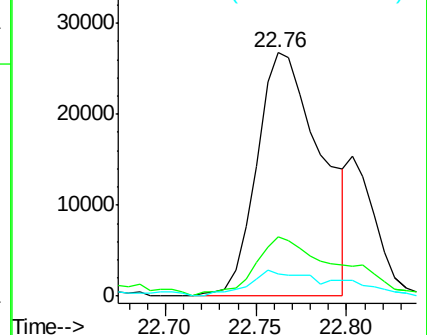
125 8.9 7.0 10.4

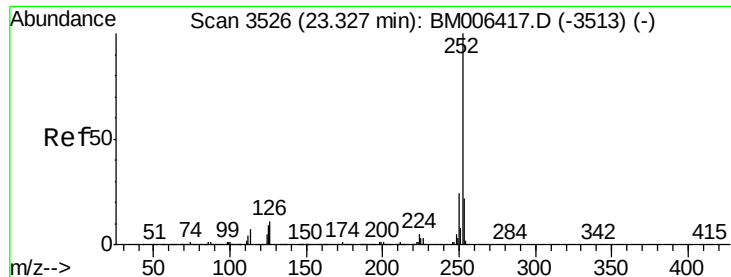


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.95 ng/ul

RT: 23.32 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

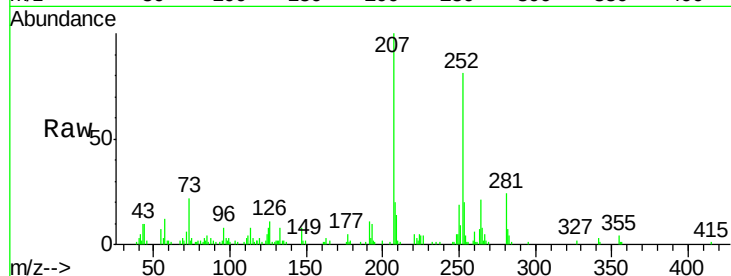
Tgt Ion:252 Resp: 52999

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

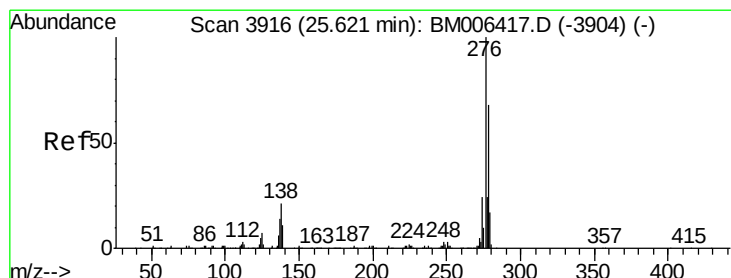
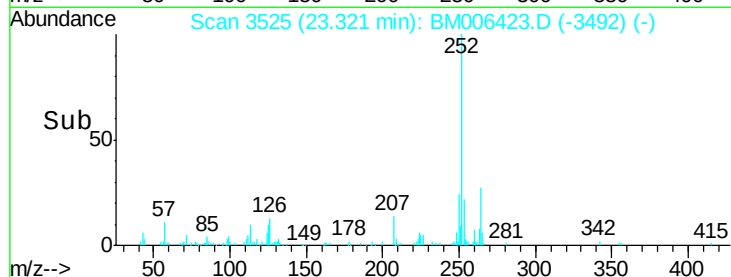
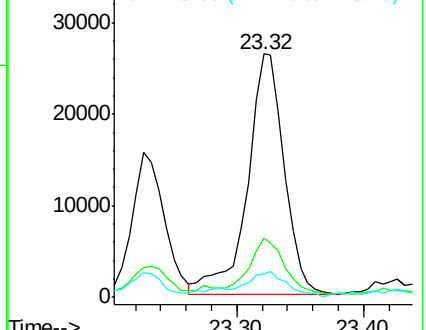
125 9.5 7.6 11.4



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.46 ng/ul

RT: 25.61 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

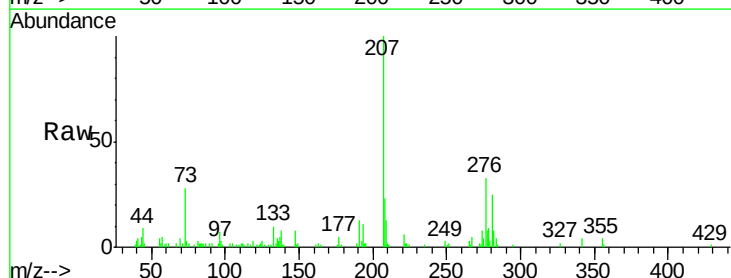
Tgt Ion:276 Resp: 29517

Ion Ratio Lower Upper

276 100

138 23.5 17.8 26.6

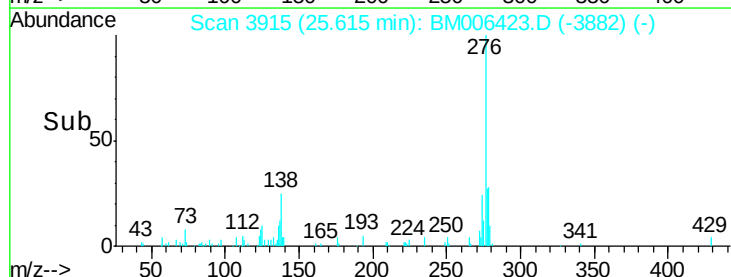
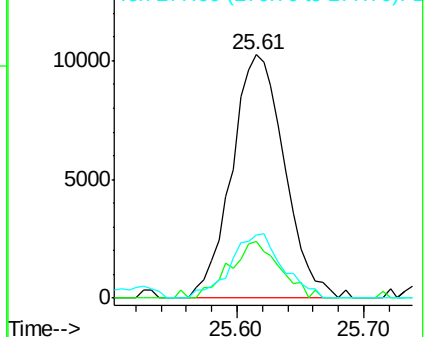
277 25.7 20.1 30.1

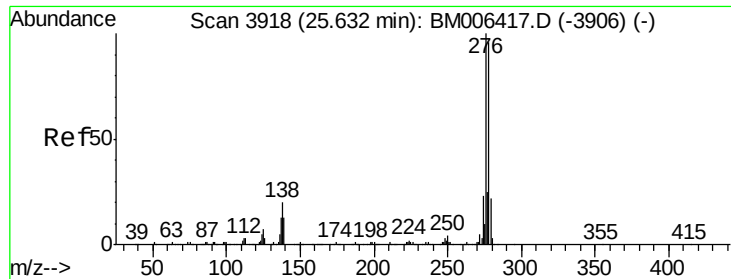


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.10 ng/ul

RT: 25.61 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

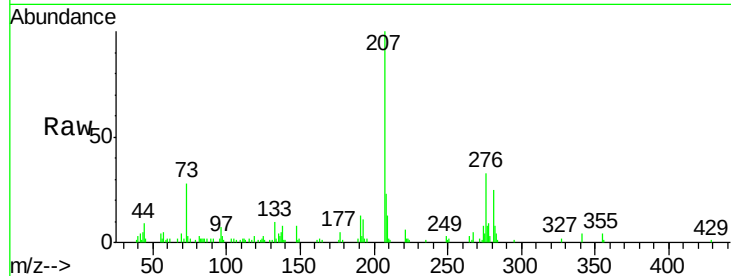
Tgt Ion:278 Resp: 5584

Ion Ratio Lower Upper

278 100

139 27.5 11.7 17.5#

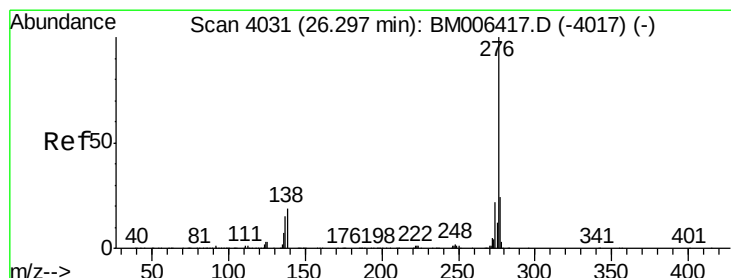
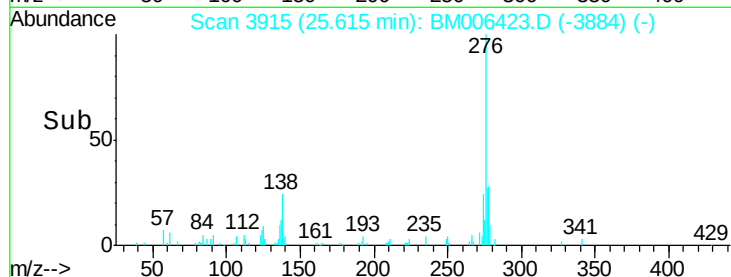
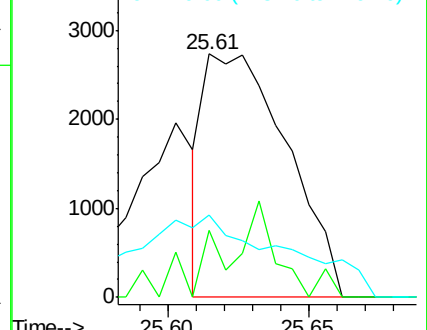
279 34.0 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.43 ng/ul

RT: 26.29 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

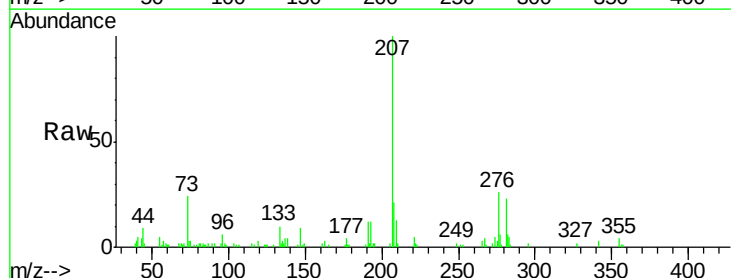
Tgt Ion:276 Resp: 24448

Ion Ratio Lower Upper

276 100

138 16.2 15.0 22.4

277 21.7 19.0 28.4



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

