

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000181.D
 Acq On : 13 Jan 2015 22:58
 Operator : TP/IZ
 Sample : G1063-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AP7

Quant Time: Jan 14 12:59:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 12:47:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	113114	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	461814	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.46	164	312639	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.20	188	637336	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	708600	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	678711	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	392426	201.15	ng/uL	-0.03
5) Phenol-d5	6.99	99	68452	7.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	188192	31.29	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	177141	25.39	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	117669	15.54	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	102143	31.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	113323	34.76	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	209032	29.02	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.75	131	11511	1.41	ng/ul	-0.03
43) Dimethylphthalate-d6	13.87	166	793804	34.43	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	881218	31.90	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	19840	5.29	ng/ul	-0.01
57) Fluorene-d10	15.46	176	676966	34.19	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	97959	32.43	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1082416	36.73	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1219659	37.31	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.53	264	1180862	38.33	ng/ul	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	205470	75.99	ng/uL	91
4) Benzaldehyde	6.97	77	267	0.04	ng/ul#	38
8) Bis(2-Chloroethyl)ether	7.26	93	1211	0.16	ng/ul	96
14) Acetophenone	8.63	105	2000	0.15	ng/ul#	17
15) N-Nitroso-di-n-propylamine	8.53	70	3687	0.53	ng/ul#	1
17) Hexachloroethane	8.92	117	360	0.11	ng/ul#	4
20) Nitrobenzene	8.99	77	1446	0.15	ng/ul#	44
21) Isophorone	9.70	82	16483	0.90	ng/ul#	75
28) Naphthalene	10.67	128	28240	1.20	ng/ul#	89
30) 4-Chloroaniline	10.67	127	1923	0.23	ng/ul#	1
34) 2-Methylnaphthalene	12.29	142	3067	0.18	ng/ul#	67
42) 2-Nitroaniline	13.55	65	283	0.05	ng/ul#	33
44) Dimethylphthalate	13.92	163	30853	1.34	ng/ul	96
45) 2,6-Dinitrotoluene	14.00	165	362	0.09	ng/ul#	25
56) Diethylphthalate	15.28	149	14992	0.62	ng/ul	95
58) Fluorene	15.46	166	1827	0.08	ng/ul#	2
60) 4-Nitroaniline	15.57	138	346	0.07	ng/ul#	1
64) N-Nitrosodiphenylamine	15.59	169	118	0.01	ng/ul#	13
69) Phenanthrene	17.24	178	1495	0.04	ng/ul#	61
71) Anthracene	17.30	178	562	0.02	ng/ul#	3
72) Carbazole	17.60	167	533	0.02	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	9047	0.24	ng/ul#	96
74) Fluoranthene	19.27	202	967	0.02	ng/ul#	80

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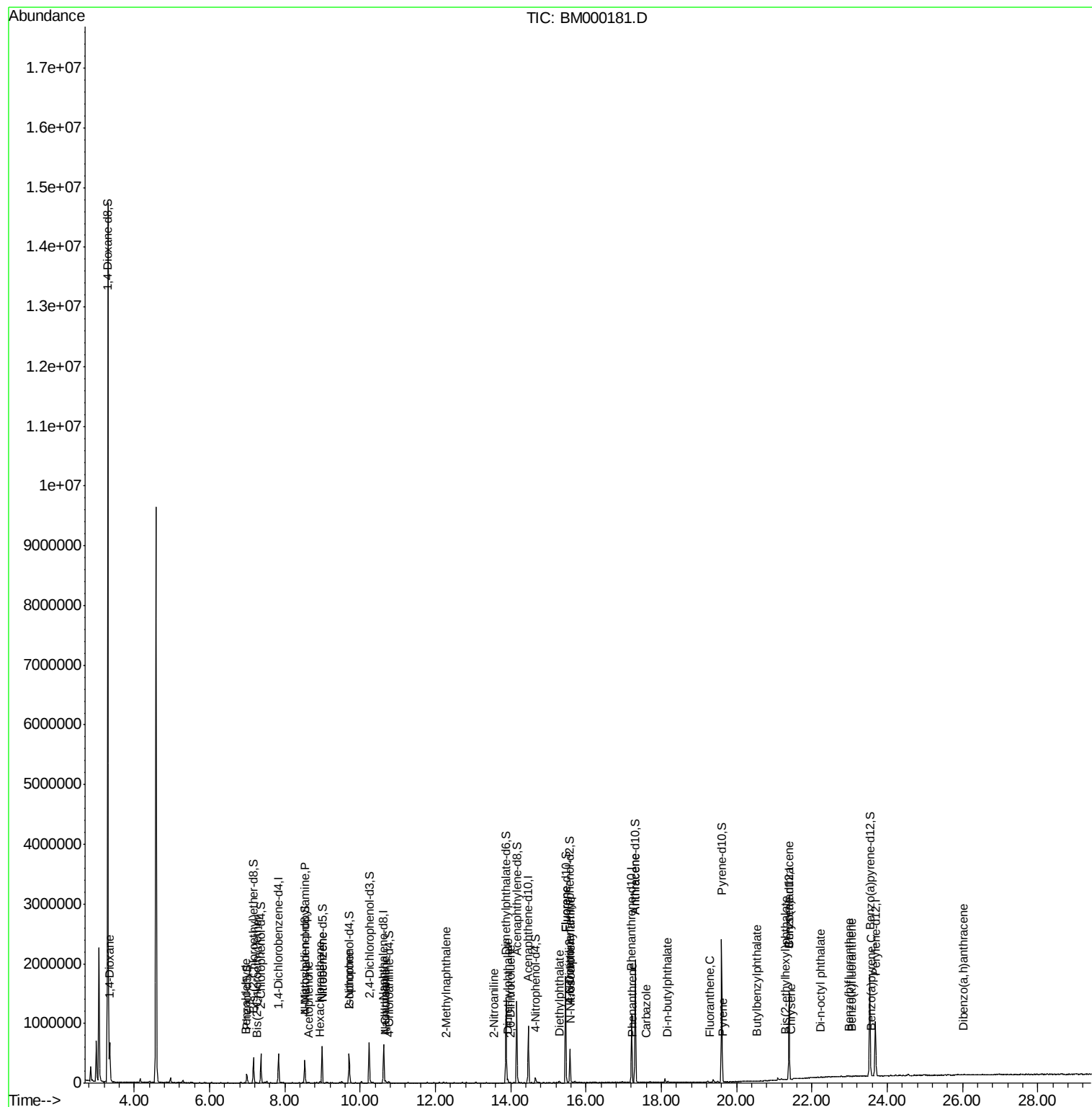
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	19.63	202	436	0.01	ng/ul#	78
78) Butylbenzylphthalate	20.53	149	440	0.03	ng/ul#	69
80) Benzo(a)anthracene	21.39	228	2426	0.06	ng/ul#	59
81) Bis(2-ethylhexyl)phthalate	21.30	149	2589	0.10	ng/ul#	91
82) Chrysene	21.43	228	635	0.02	ng/ul#	51
84) Di-n-octyl phthalate	22.22	149	450	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	786	0.02	ng/ul#	1
86) Benzo(k)fluoranthene	23.04	252	150	0.00	ng/ul#	61
88) Benzo(a)pyrene	23.59	252	330	0.01	ng/ul#	1
90) Dibenzo(a,h)anthracene	26.01	278	524	0.02	ng/ul#	57

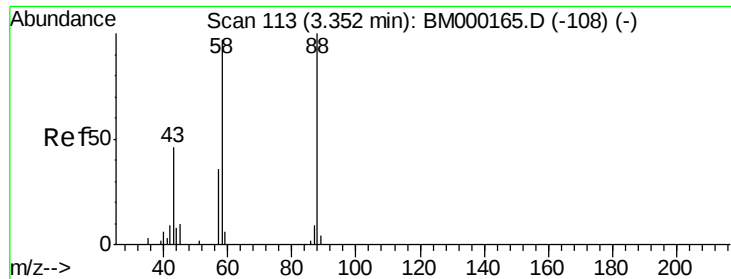
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 75.99 ng/uL

RT: 3.35 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

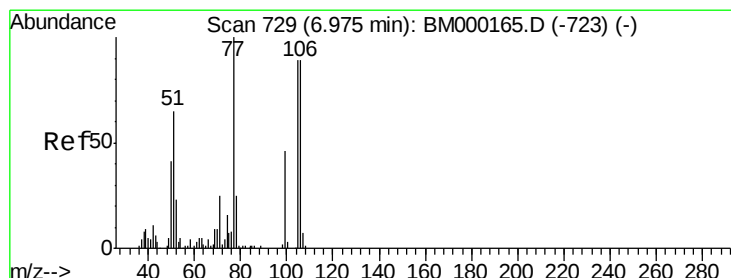
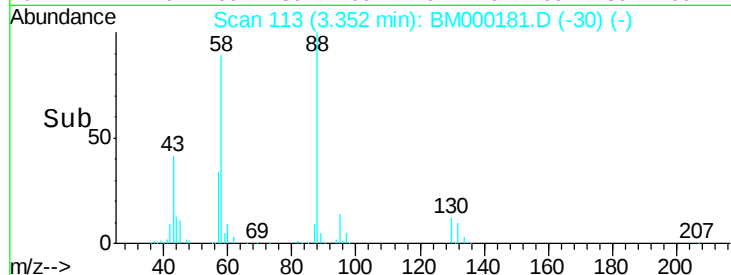
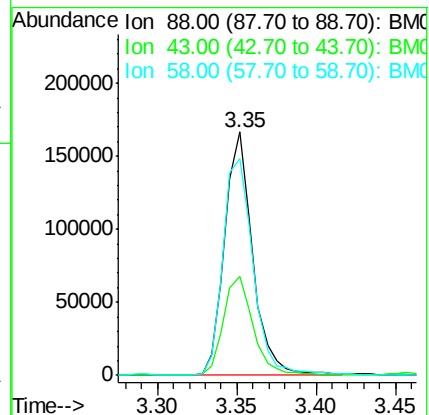
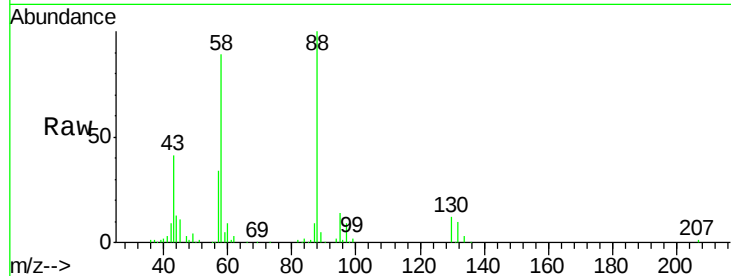
Tgt Ion: 88 Resp: 205470

Ion Ratio Lower Upper

88 100

43 43.0 34.9 52.3

58 95.5 67.3 100.9



#4

Benzaldehyde

Concen: 0.04 ng/uL

RT: 6.97 min Scan# 728

Delta R.T. -0.02 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

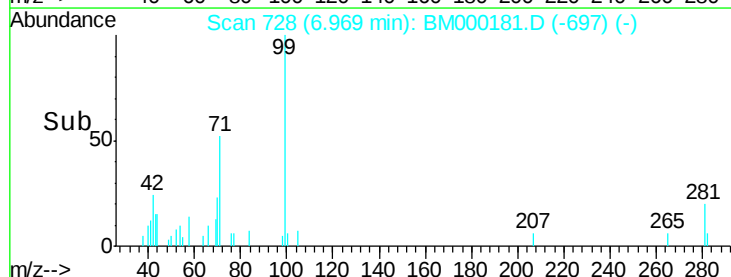
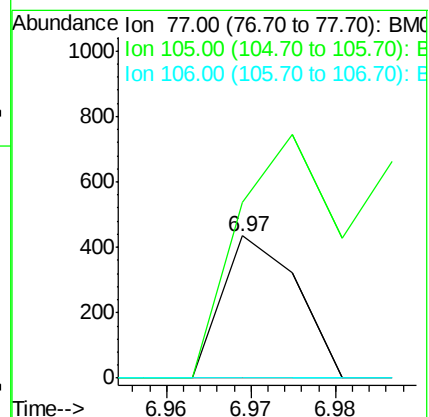
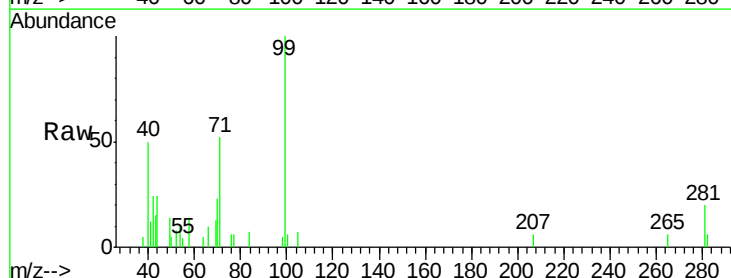
Tgt Ion: 77 Resp: 267

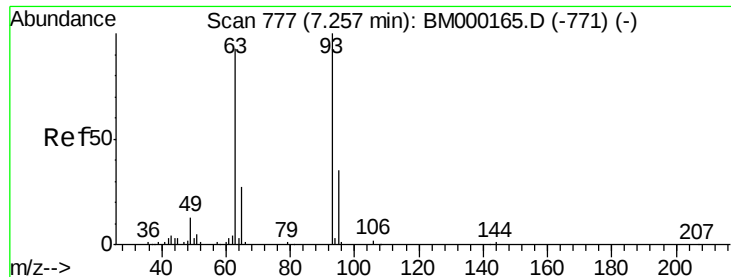
Ion Ratio Lower Upper

77 100

105 124.0 73.5 110.3#

106 0.0 67.9 101.9#





#8

Bis(2-Chloroethyl)ether

Concen: 0.16 ng/ul

RT: 7.26 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

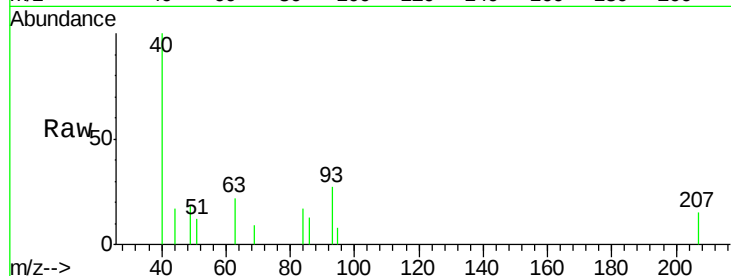
Tgt Ion: 93 Resp: 1211

Ion Ratio Lower Upper

93 100

63 81.3 68.9 103.3

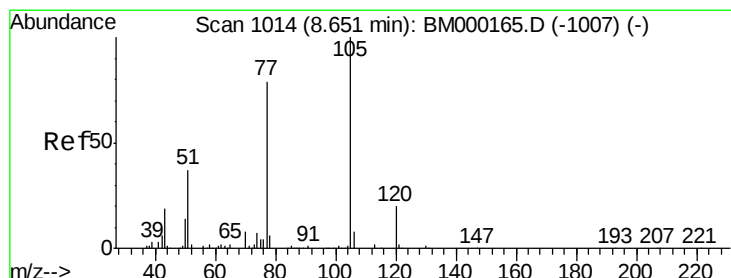
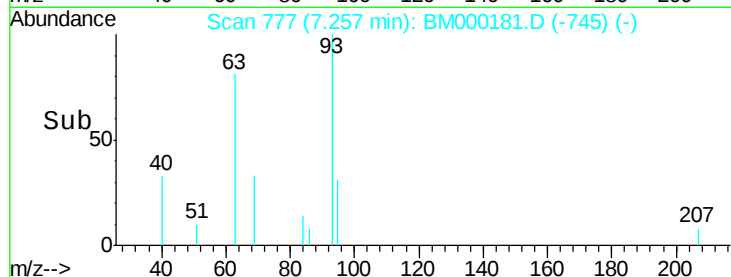
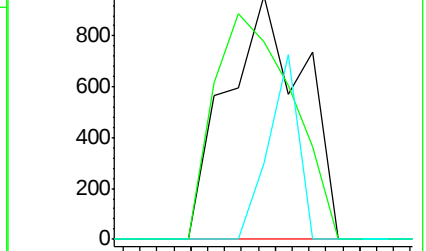
95 31.4 24.6 37.0



Abundance Ion 93.00 (92.70 to 93.70): BM000181.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM000181.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM000181.D (-745) (-)



#14

Acetophenone

Concen: 0.15 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

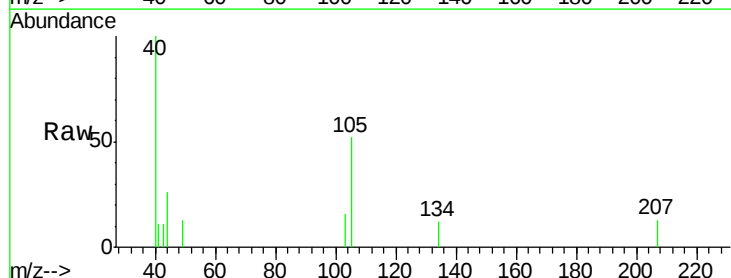
Tgt Ion: 105 Resp: 2000

Ion Ratio Lower Upper

105 100

77 0.0 66.3 99.5#

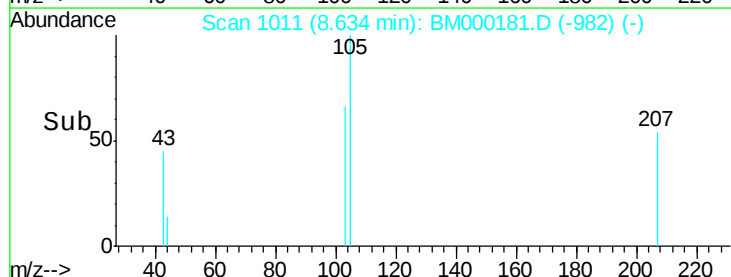
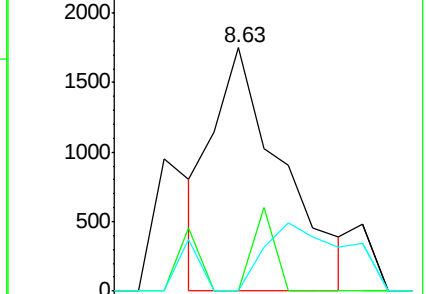
51 0.0 26.5 39.7#

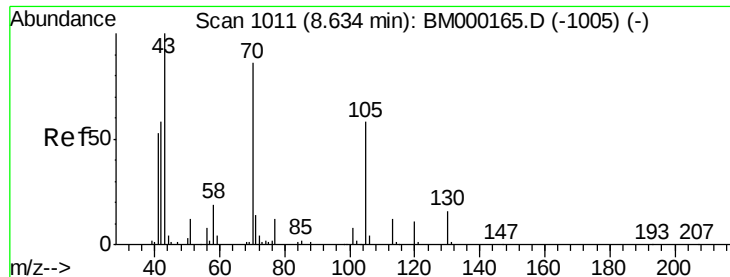


Abundance Ion 105.00 (104.70 to 105.70): BM000181.D (-982) (-)

Ion 77.00 (76.70 to 77.70): BM000181.D (-982) (-)

Ion 51.00 (50.70 to 51.70): BM000181.D (-982) (-)

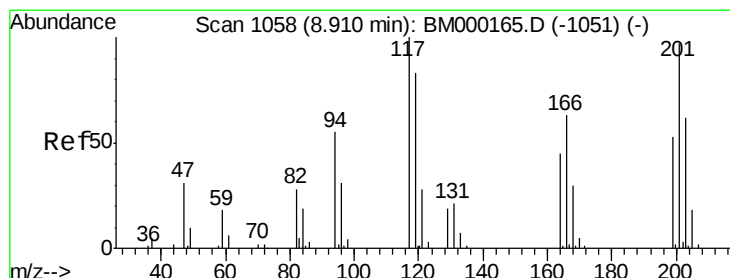
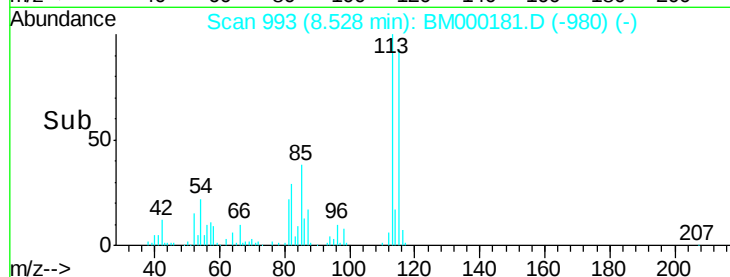
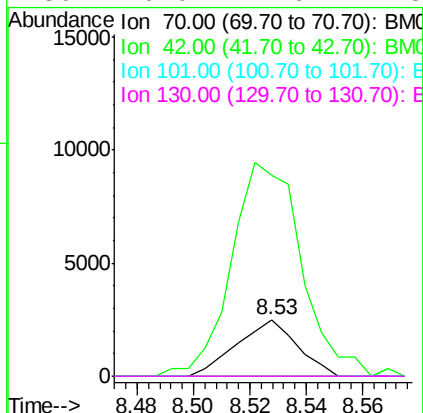
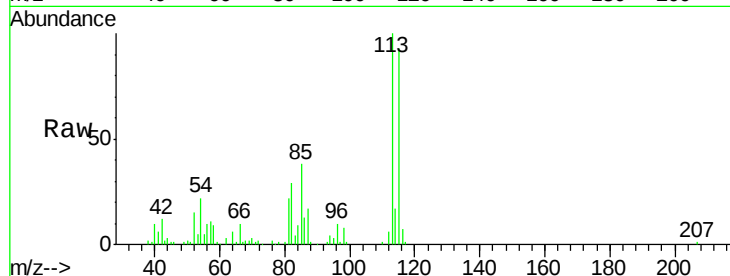




#15
N-Nitroso-di-n-propylamine
Concen: 0.53 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. -0.13 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

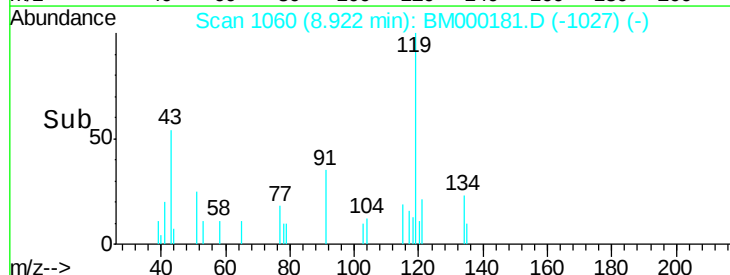
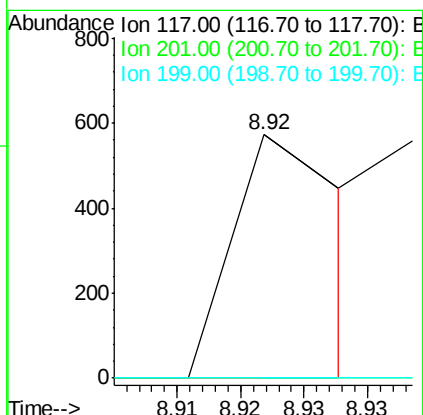
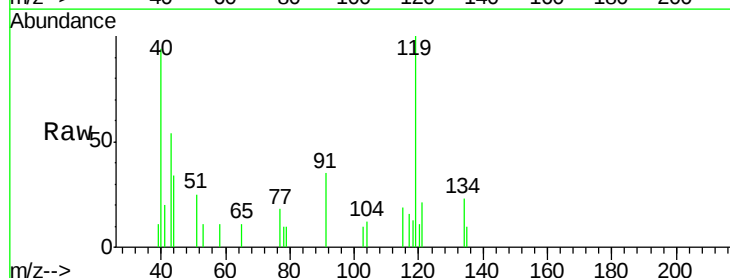
Instrument :
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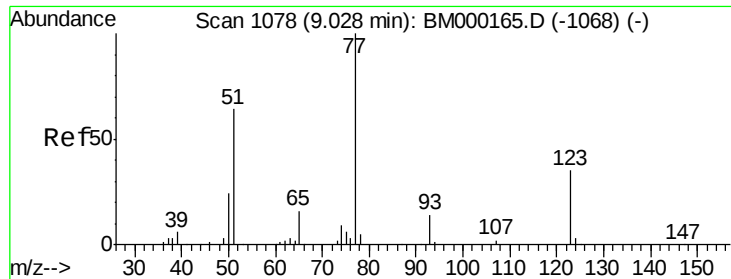
Tgt Ion: 70 Resp: 3687
Ion Ratio Lower Upper
70 100
42 356.0 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 14.6 21.8#



#17
Hexachloroethane
Concen: 0.11 ng/ul
RT: 8.92 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Tgt Ion: 117 Resp: 360
Ion Ratio Lower Upper
117 100
201 0.0 85.2 127.8#
199 0.0 55.1 82.7#

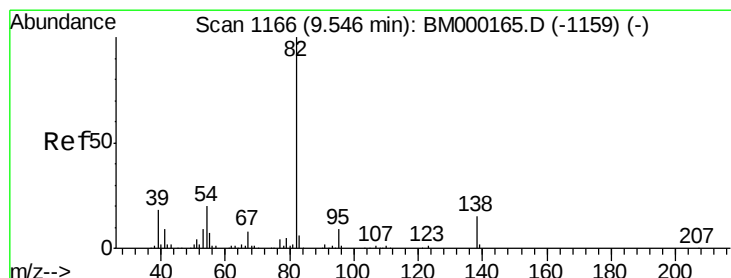
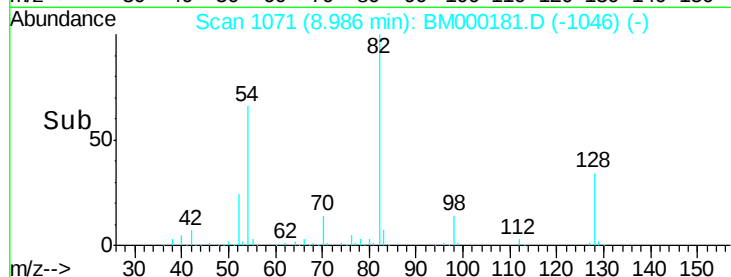
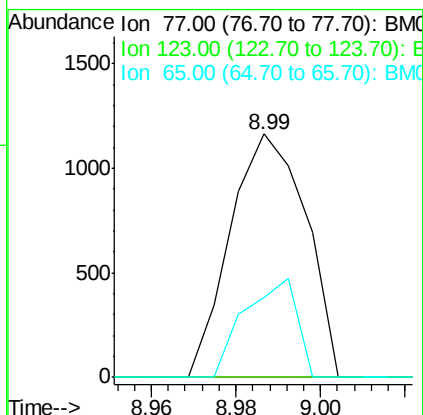
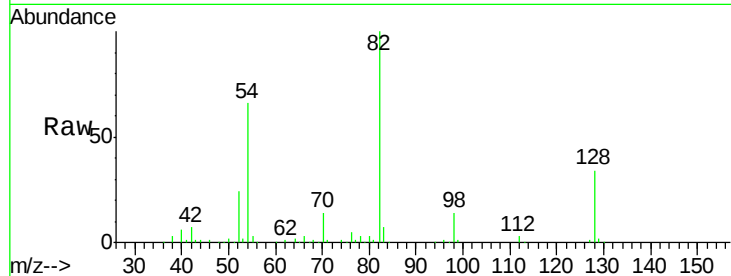




#20
Nitrobenzene
Concen: 0.15 ng/ul
RT: 8.99 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

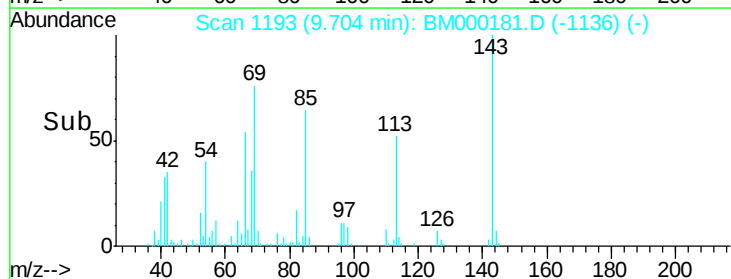
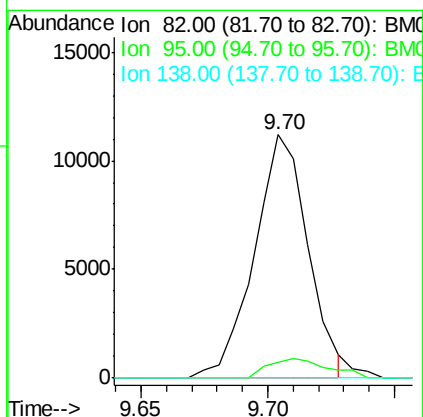
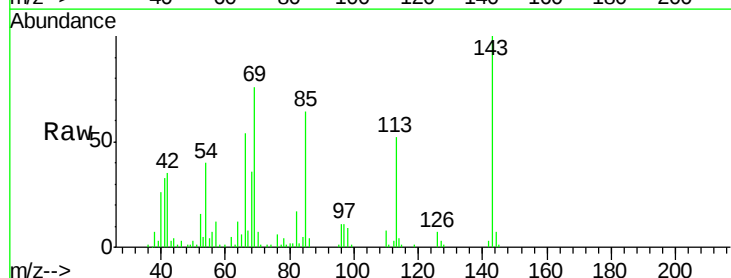
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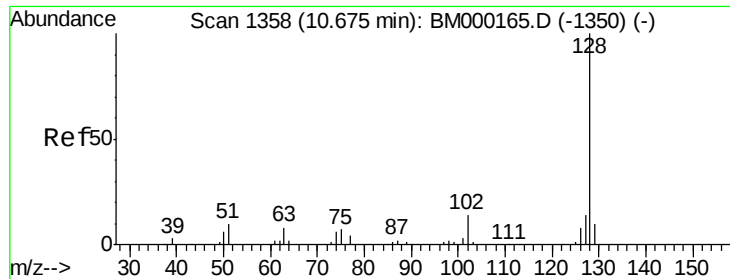
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.2	43.8#
65	32.8	12.4	18.6#



#21
Isophorone
Concen: 0.90 ng/ul
RT: 9.70 min Scan# 1193
Delta R.T. 0.14 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	6.9	10.3#
138	0.0	12.1	18.1#





#28

Naphthalene

Concen: 1.20 ng/ul

RT: 10.67 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

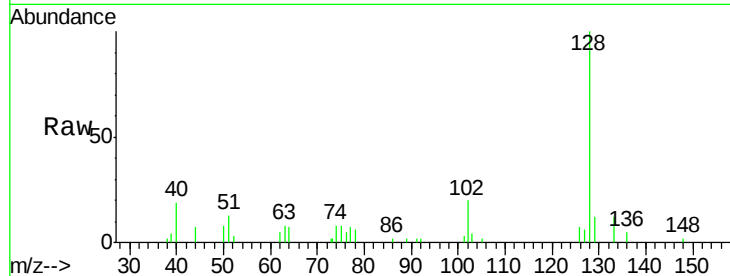
Tgt Ion:128 Resp: 28240

Ion Ratio Lower Upper

128 100

129 12.1 8.6 13.0

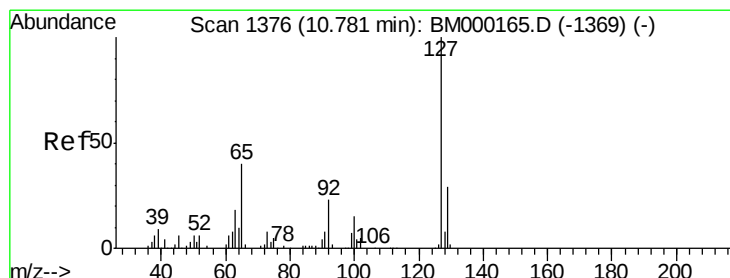
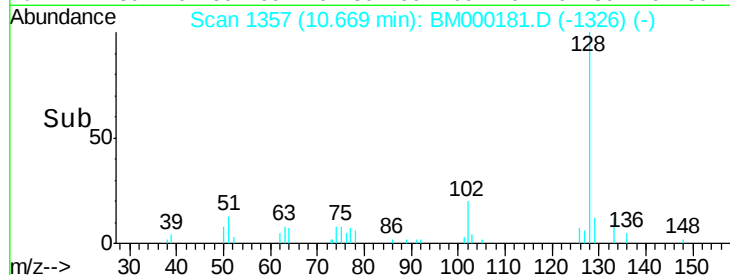
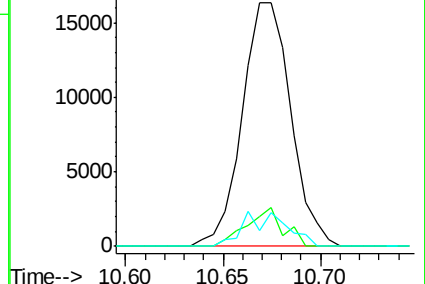
127 6.4 10.3 15.5#



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



#30

4-Chloroaniline

Concen: 0.23 ng/ul

RT: 10.67 min Scan# 1358

Delta R.T. -0.13 min

Lab File: BM000181.D

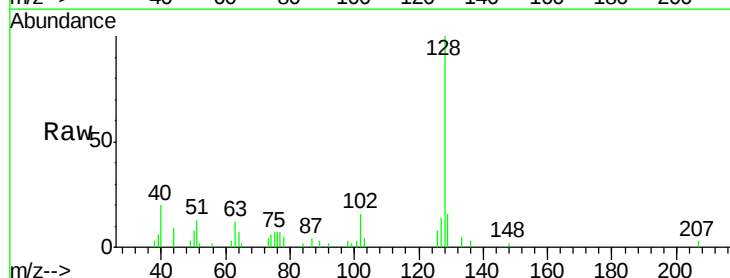
Acq: 13 Jan 2015 22:58

Tgt Ion:127 Resp: 1923

Ion Ratio Lower Upper

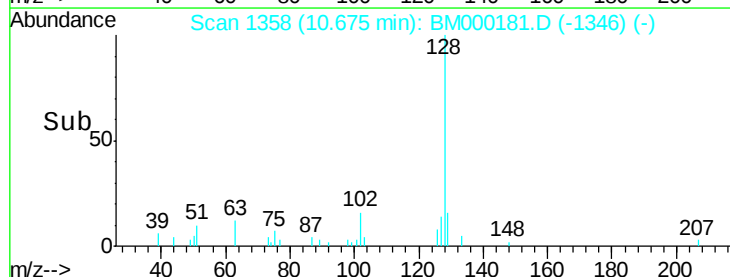
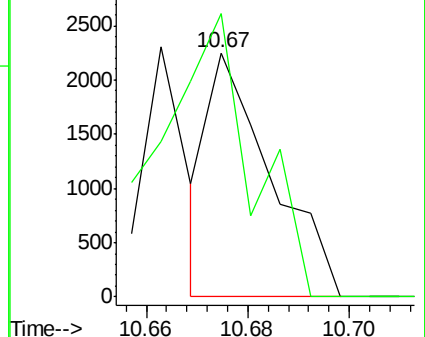
127 100

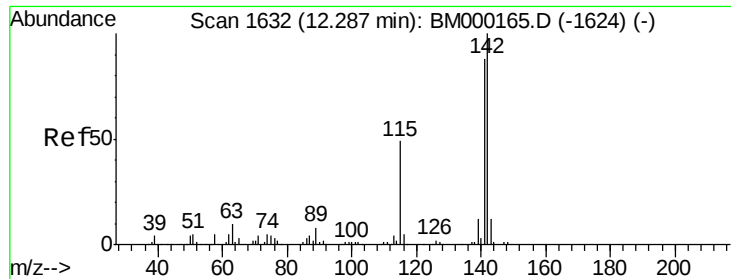
129 116.1 26.5 39.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

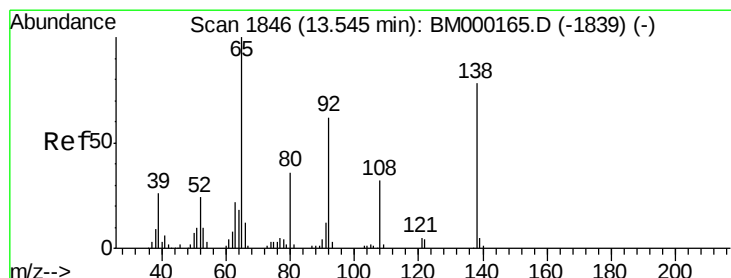
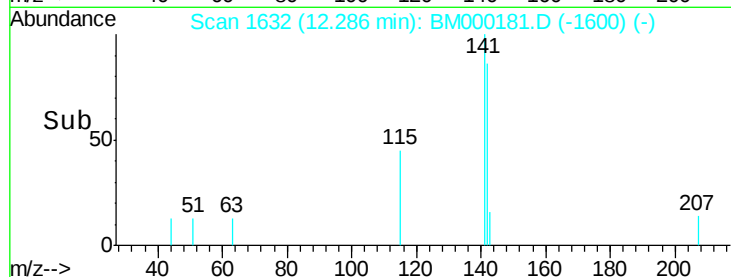
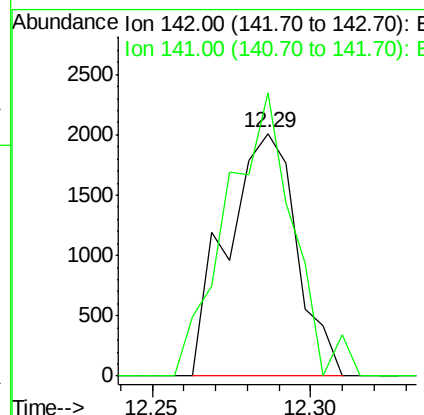
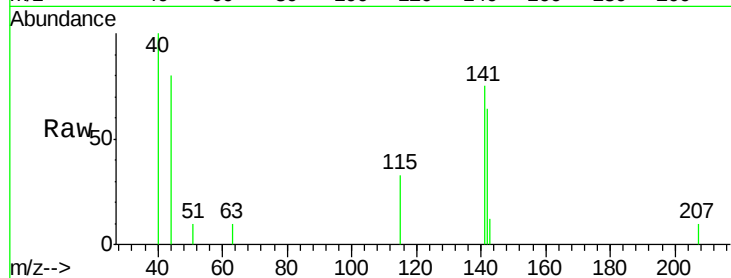




#34
 2-Methylnaphthalene
 Concen: 0.18 ng/ul
 RT: 12.29 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM000181.D
 Acq: 13 Jan 2015 22:58

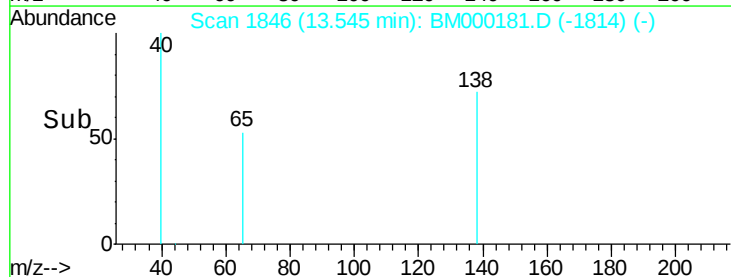
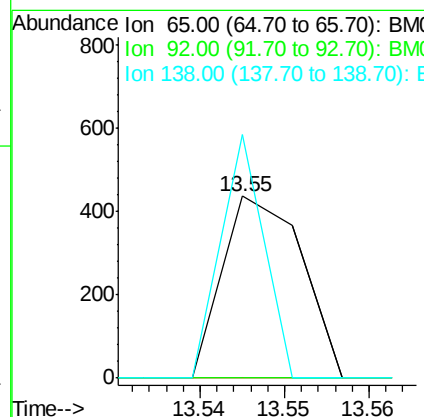
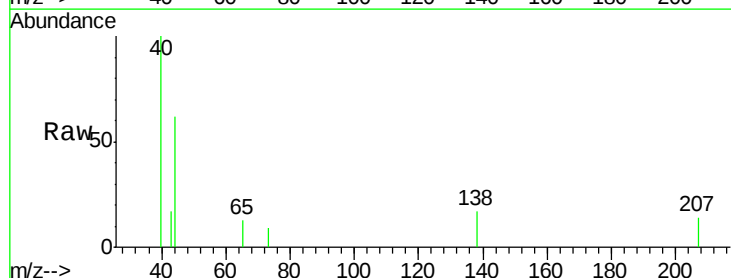
Instrument :
 BNA_M
 ClientSampleId :
 C0AP7

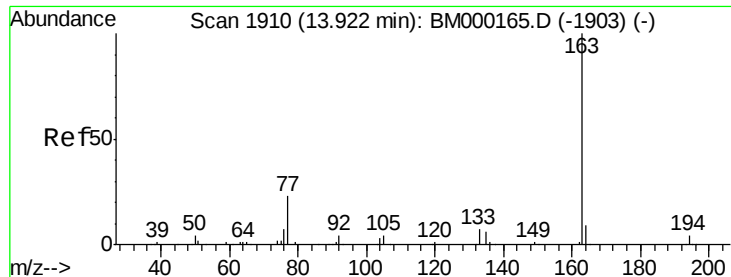
Tgt Ion: 142 Resp: 3067
 Ion Ratio Lower Upper
 142 100
 141 116.7 69.3 103.9#



#42
 2-Nitroaniline
 Concen: 0.05 ng/ul
 RT: 13.55 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BM000181.D
 Acq: 13 Jan 2015 22:58

Tgt Ion: 65 Resp: 283
 Ion Ratio Lower Upper
 65 100
 92 0.0 50.4 75.6#
 138 134.2 66.9 100.3#

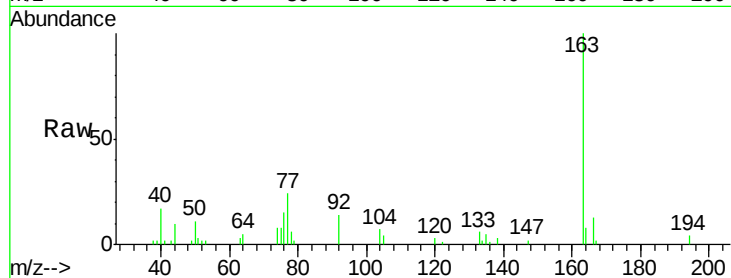




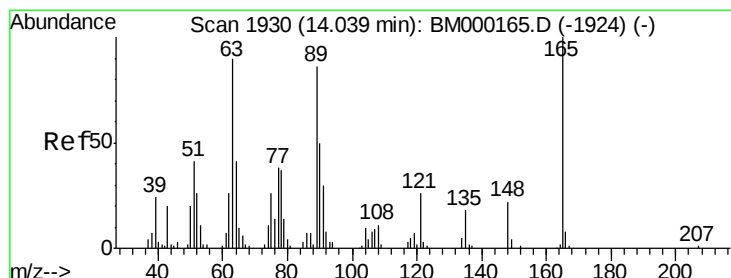
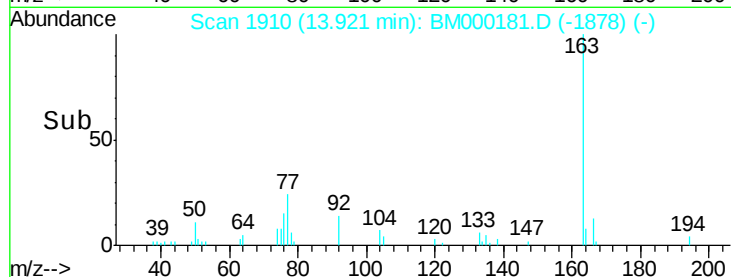
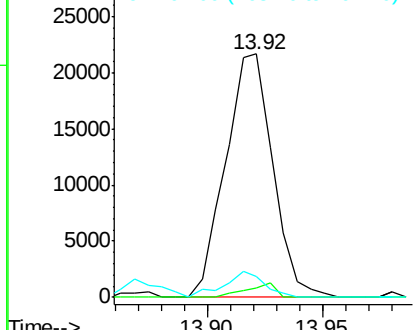
#44
Dimethylphthalate
Concen: 1.34 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Instrument :
BNA_M
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	8.5	8.5	12.7

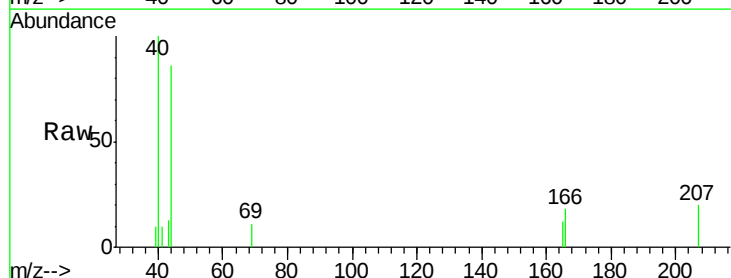


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

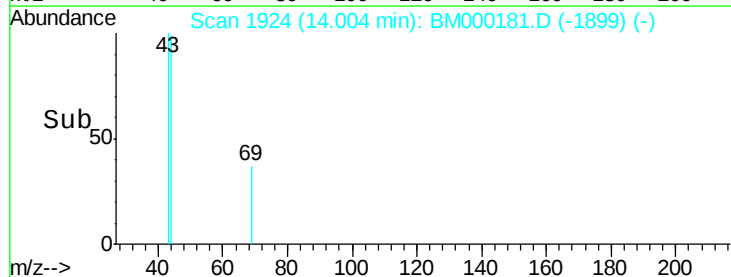
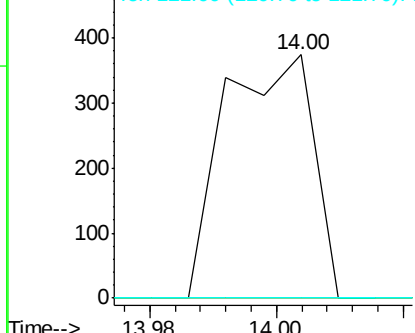


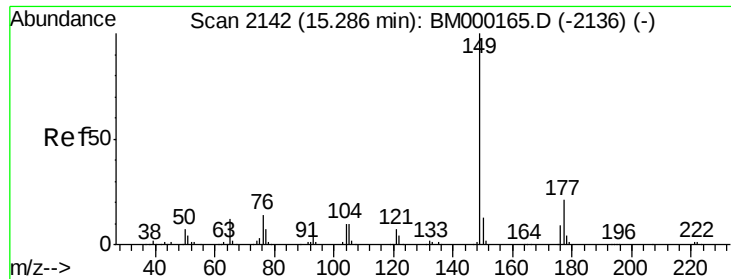
#45
2,6-Dinitrotoluene
Concen: 0.09 ng/ul
RT: 14.00 min Scan# 1924
Delta R.T. -0.06 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	54.4	81.6#
121	0.0	18.6	28.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#56

Diethylphthalate

Concen: 0.62 ng/ul

RT: 15.28 min Scan# 2141

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

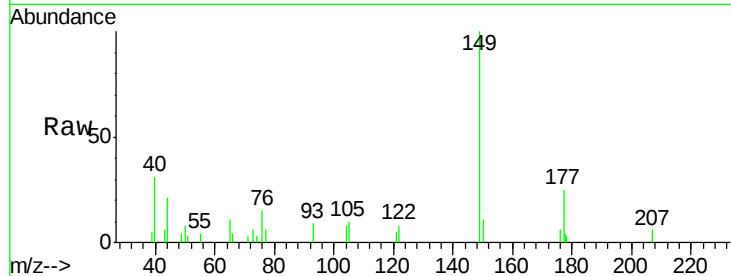
Tgt Ion:149 Resp: 14992

Ion Ratio Lower Upper

149 100

177 24.6 17.4 26.2

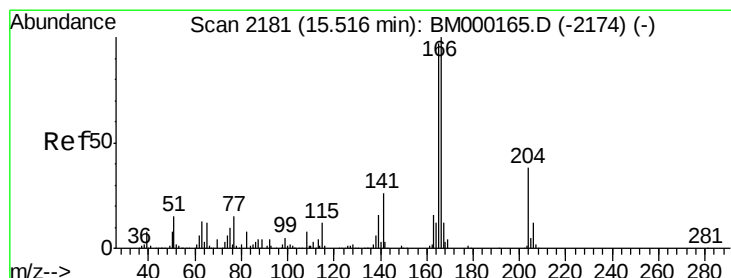
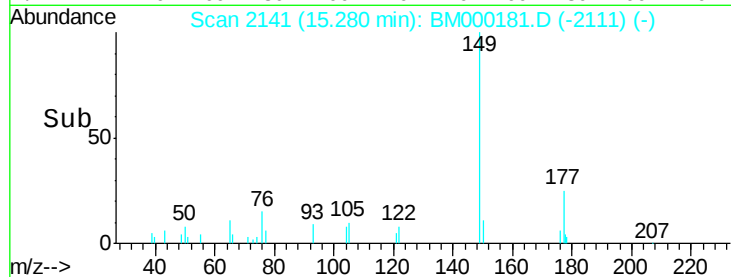
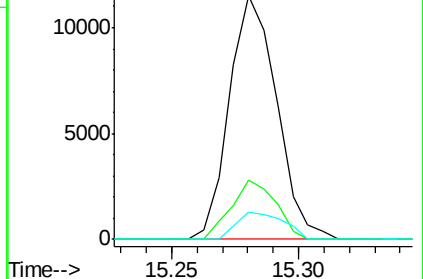
150 11.5 10.5 15.7



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: 0.08 ng/ul

RT: 15.46 min Scan# 2171

Delta R.T. -0.08 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

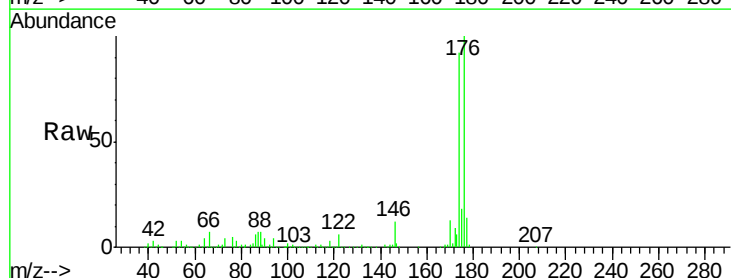
Tgt Ion:166 Resp: 1827

Ion Ratio Lower Upper

166 100

165 0.0 76.0 114.0#

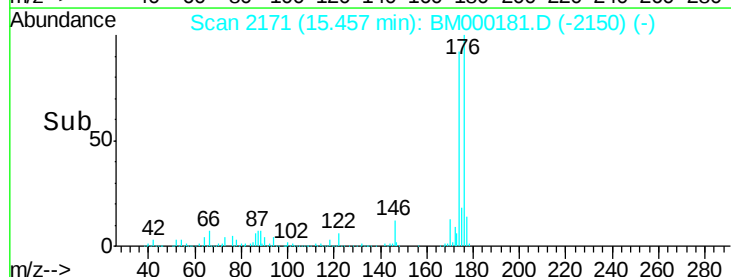
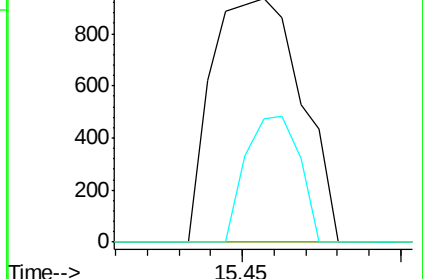
167 50.5 10.2 15.4#

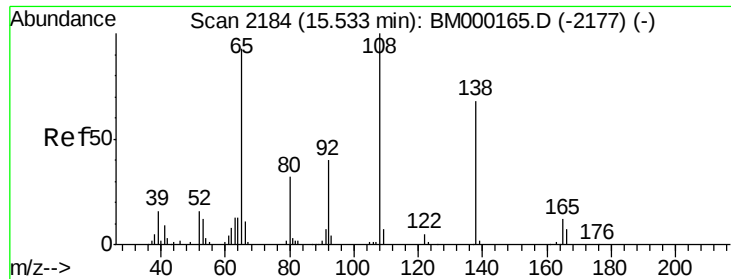


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

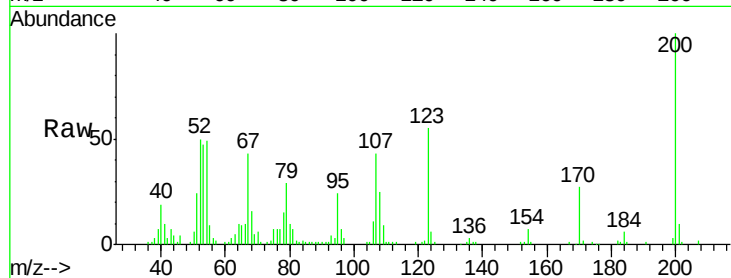




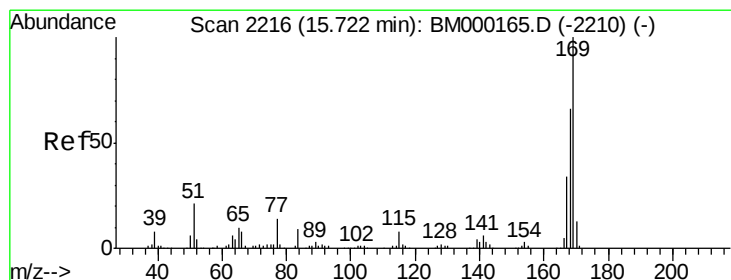
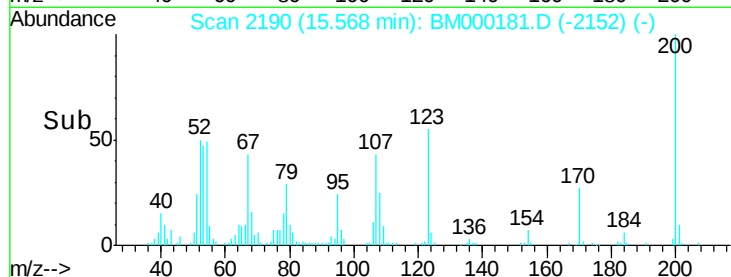
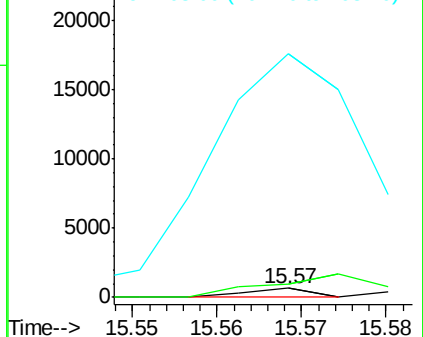
#60
4-Nitroaniline
Concen: 0.07 ng/ul
RT: 15.57 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Instrument :
BNA_M
ClientSampleId :
C0AP7

Tgt Ion:138 Resp: 346
Ion Ratio Lower Upper
138 100
92 152.5 49.3 73.9#
108 2684.6 110.3 165.5#

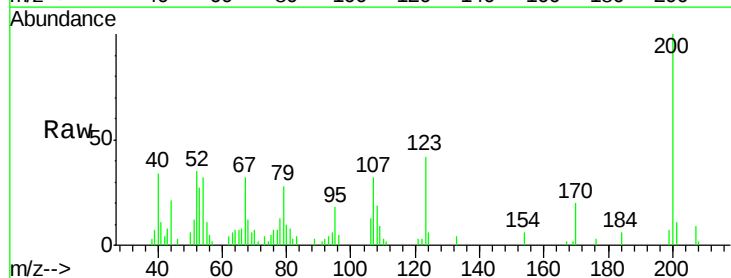


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

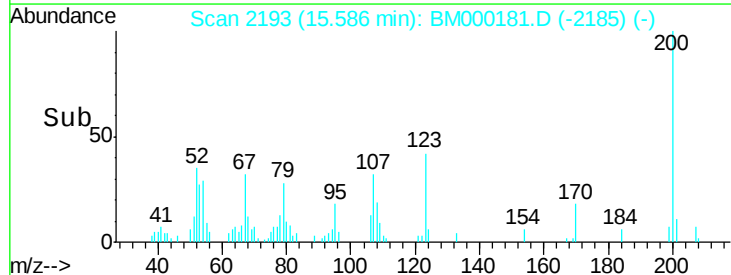
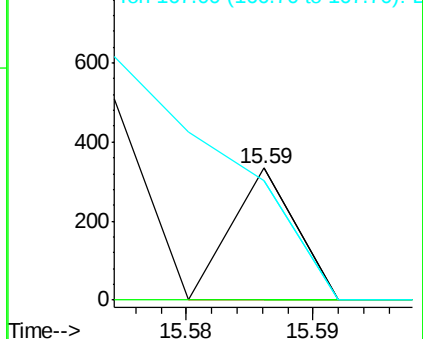


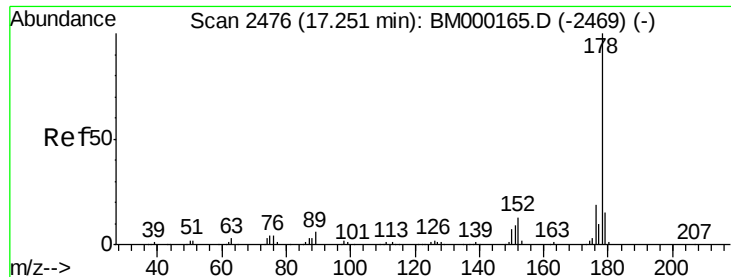
#64
N-Nitrosodiphenylamine
Concen: 0.01 ng/ul
RT: 15.59 min Scan# 2193
Delta R.T. -0.15 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Tgt Ion:169 Resp: 118
Ion Ratio Lower Upper
169 100
168 0.0 51.8 77.6#
167 91.0 28.1 42.1#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.24 min Scan# 2475

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

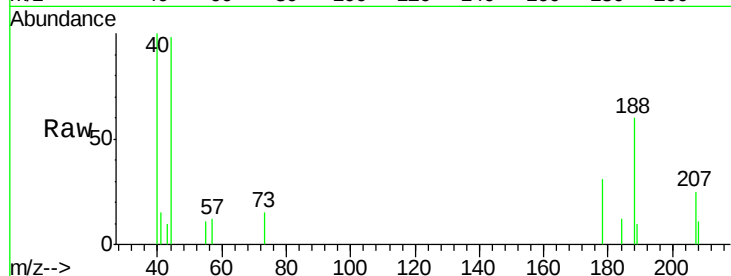
Tgt Ion:178 Resp: 1495

Ion Ratio Lower Upper

178 100

179 0.0 11.6 17.4#

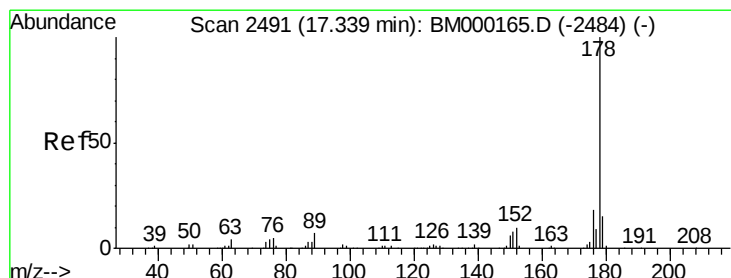
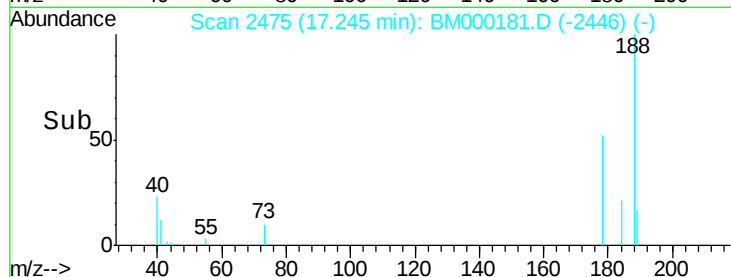
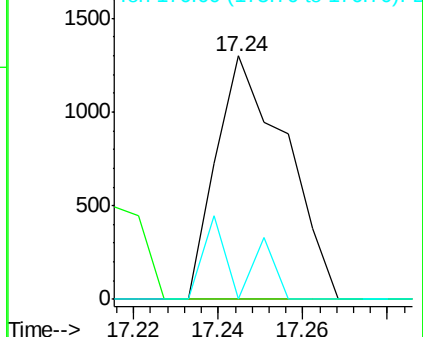
176 0.0 14.6 22.0#



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: 0.02 ng/ul

RT: 17.30 min Scan# 2485

Delta R.T. -0.05 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

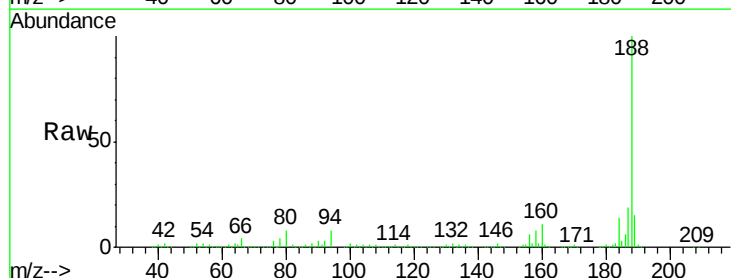
Tgt Ion:178 Resp: 562

Ion Ratio Lower Upper

178 100

179 83.6 12.6 18.8#

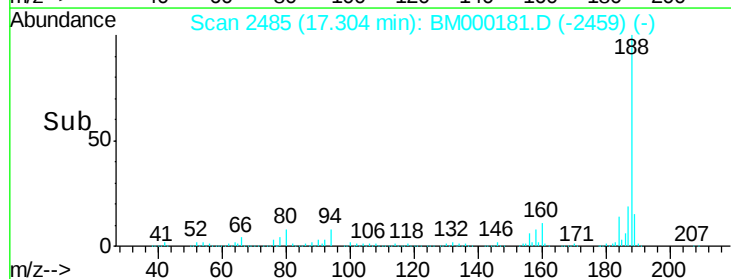
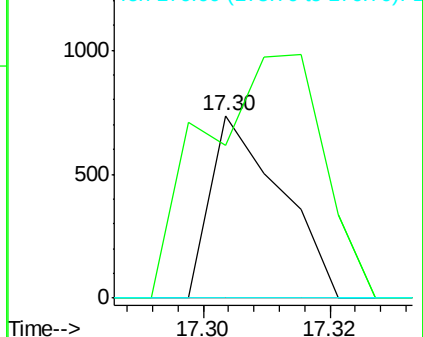
176 0.0 14.6 21.8#

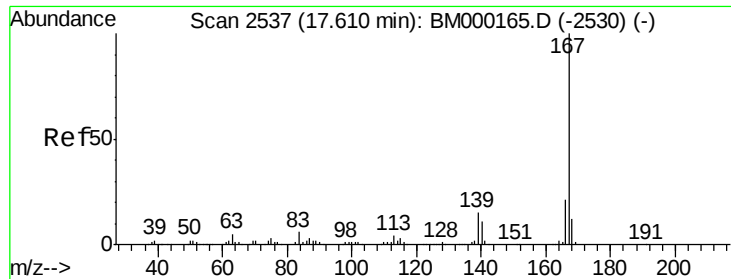


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.02 ng/ul

RT: 17.60 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

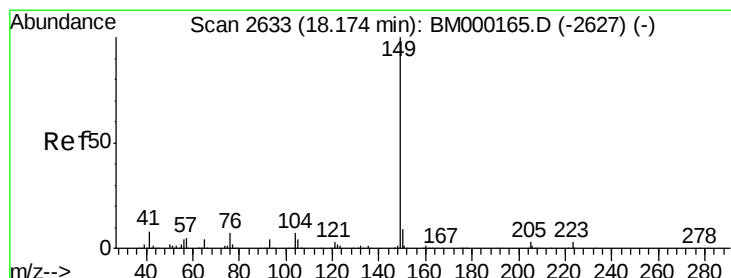
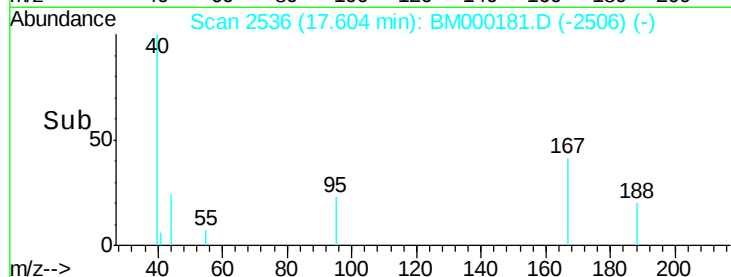
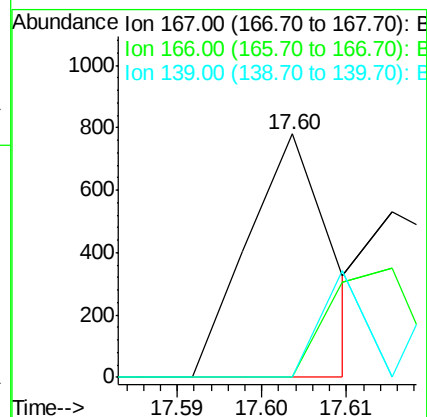
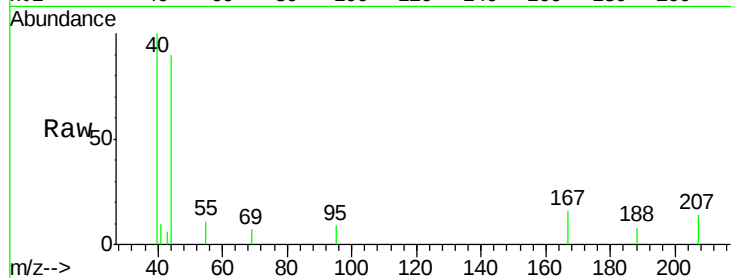
Tgt Ion:167 Resp: 533

Ion Ratio Lower Upper

167 100

166 0.0 16.2 24.4#

139 0.0 10.7 16.1#



#73

Di-n-butylphthalate

Concen: 0.24 ng/ul

RT: 18.17 min Scan# 2632

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

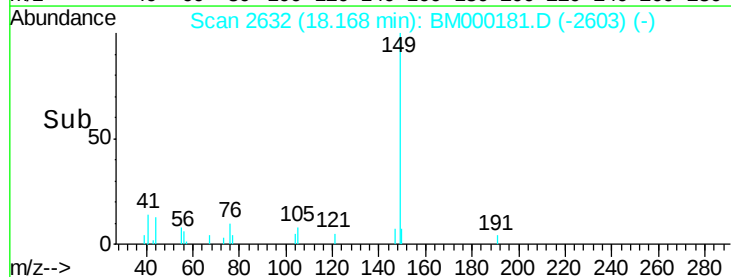
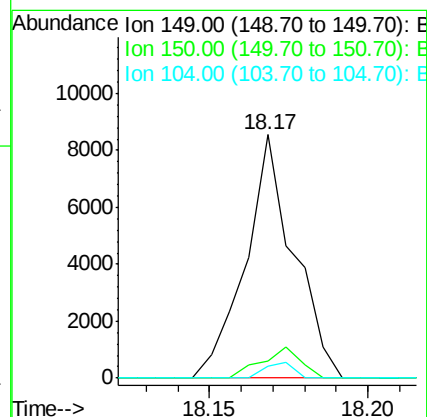
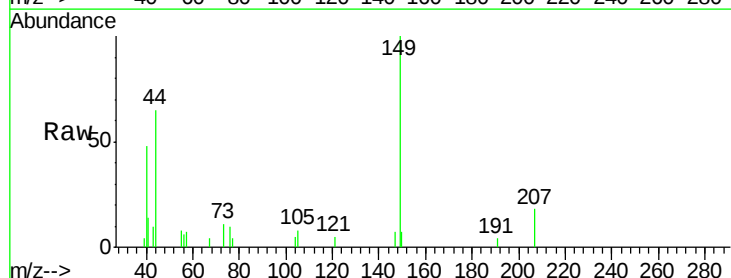
Tgt Ion:149 Resp: 9047

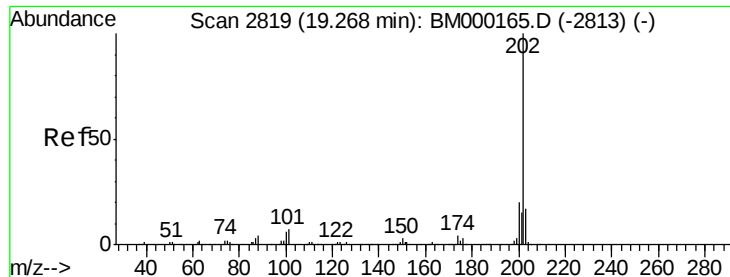
Ion Ratio Lower Upper

149 100

150 7.0 7.1 10.7#

104 4.9 4.8 7.2

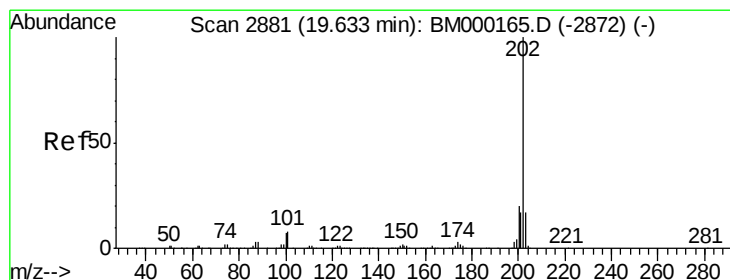
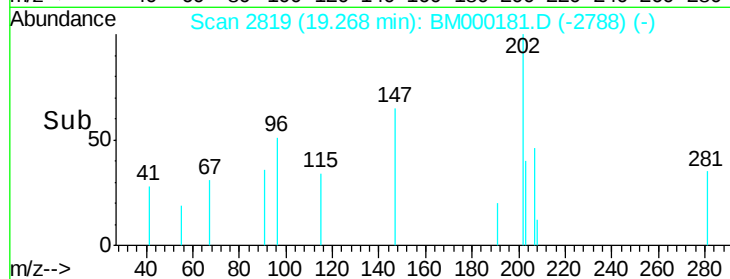
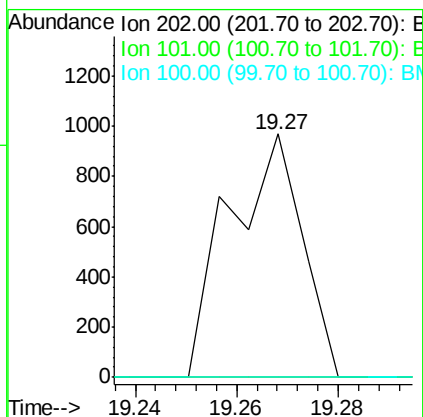
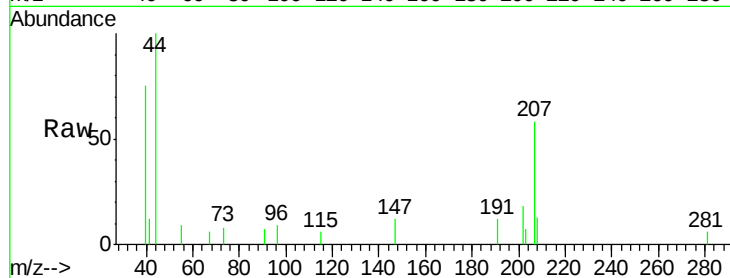




#74
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.27 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

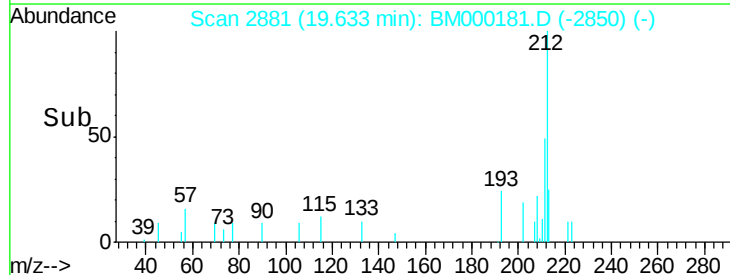
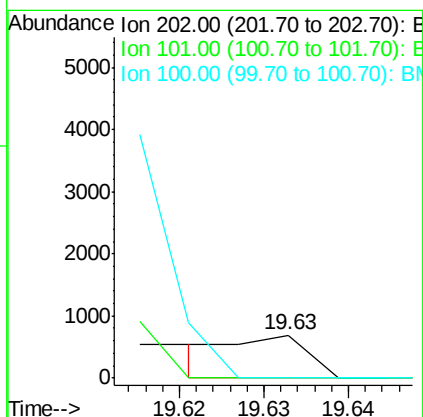
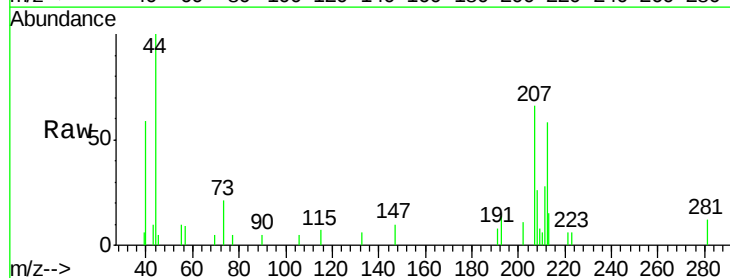
Instrument :
BNA_M
ClientSampleId :
C0AP7

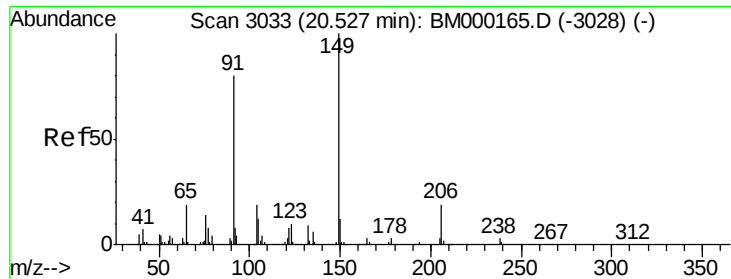
Tgt Ion:202 Resp: 967
Ion Ratio Lower Upper
202 100
101 0.0 6.4 9.6#
100 0.0 4.6 7.0#



#77
Pyrene
Concen: 0.01 ng/ul
RT: 19.63 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BM000181.D
Acq: 13 Jan 2015 22:58

Tgt Ion:202 Resp: 436
Ion Ratio Lower Upper
202 100
101 0.0 6.9 10.3#
100 0.0 5.5 8.3#





#78

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.53 min Scan# 3033

Delta R.T. -0.02 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

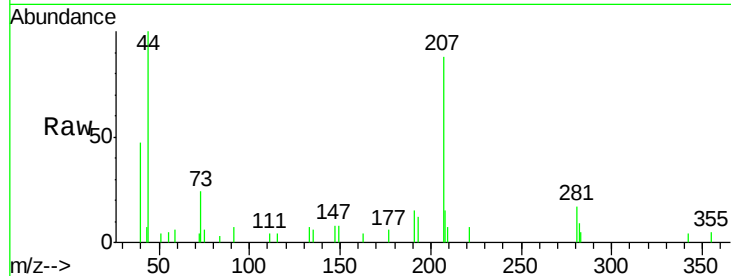
Tgt Ion:149 Resp: 440

Ion Ratio Lower Upper

149 100

91 92.5 56.6 84.8#

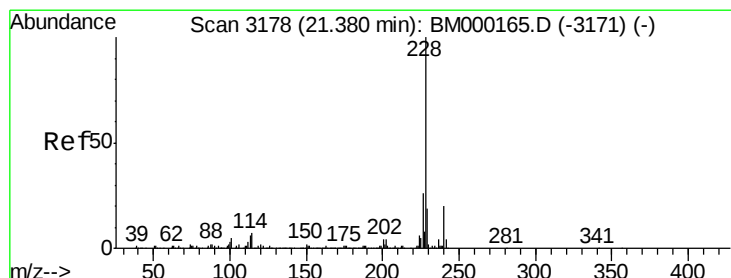
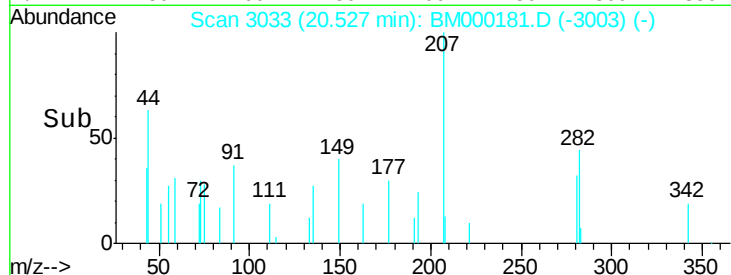
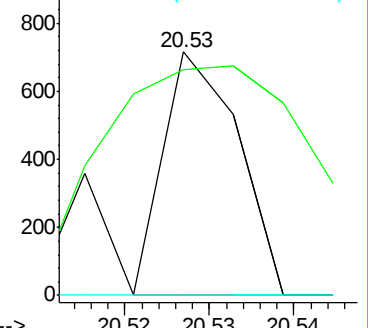
206 0.0 16.8 25.2#



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



#80

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.39 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

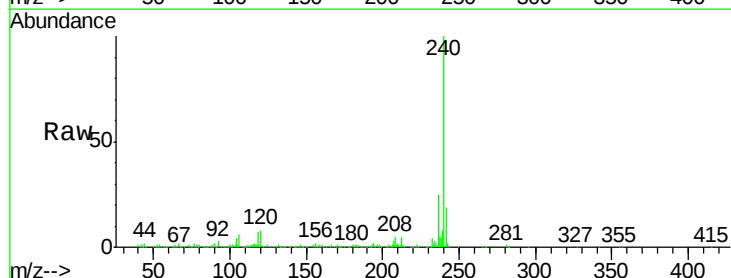
Tgt Ion:228 Resp: 2426

Ion Ratio Lower Upper

228 100

229 32.7 15.8 23.8#

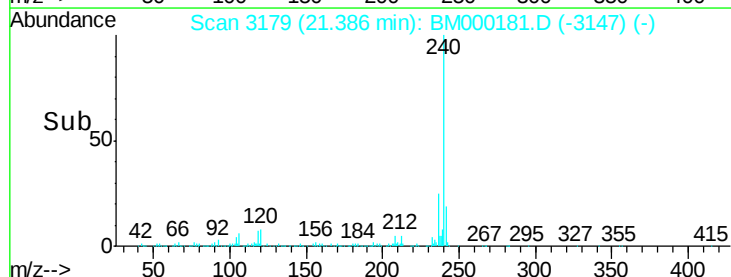
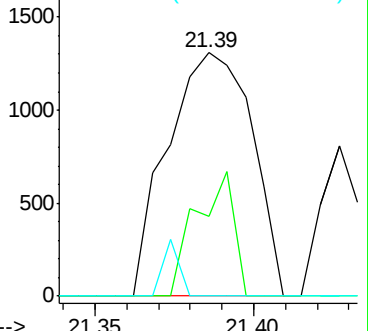
226 0.0 20.7 31.1#

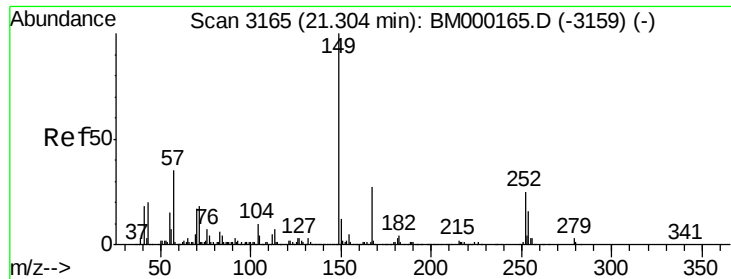


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

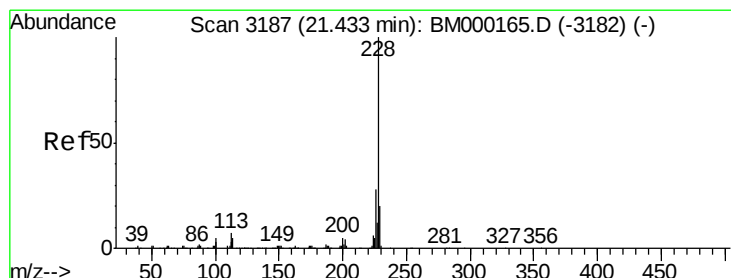
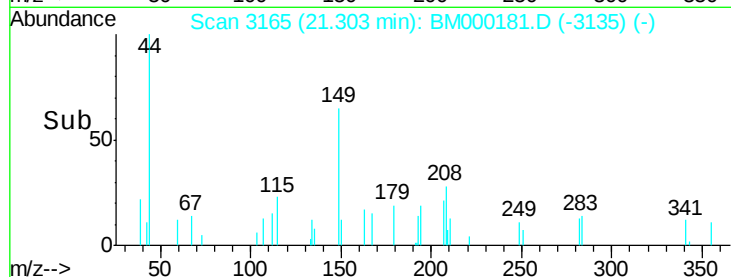
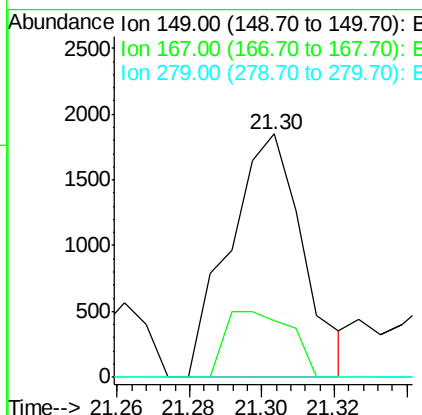
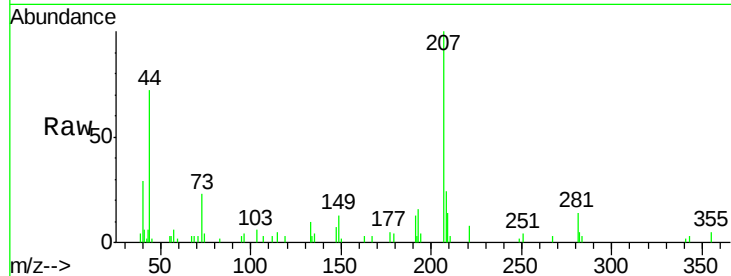




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng/ul
 RT: 21.30 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BM000181.D
 Acq: 13 Jan 2015 22:58

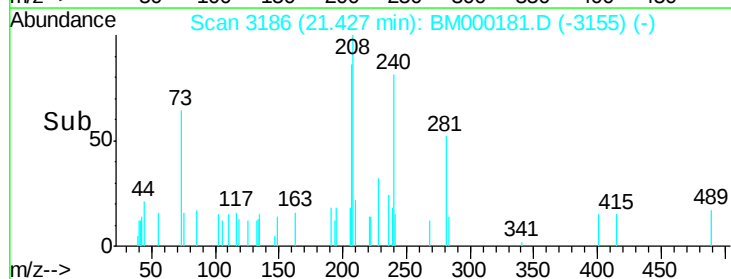
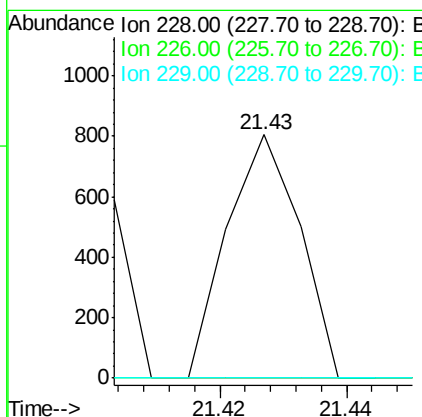
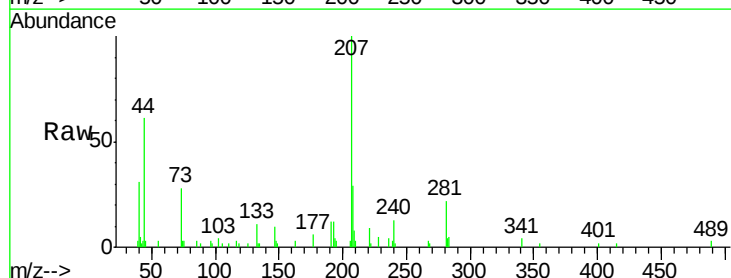
Instrument :
 BNA_M
 ClientSampleId :
 C0AP7

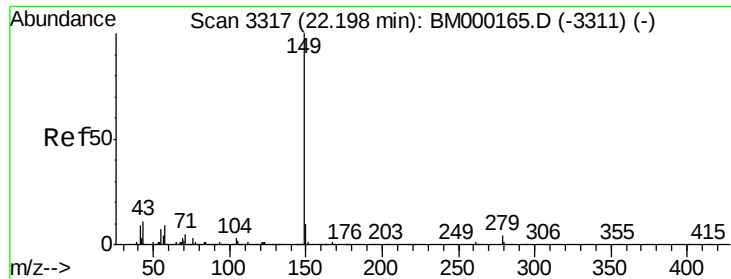
Tgt Ion:149 Resp: 2589
 Ion Ratio Lower Upper
 149 100
 167 23.1 22.1 33.1
 279 0.0 3.0 4.6#



#82
 Chrysene
 Concen: 0.02 ng/ul
 RT: 21.43 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BM000181.D
 Acq: 13 Jan 2015 22:58

Tgt Ion:228 Resp: 635
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.0 34.4#
 229 0.0 15.6 23.4#





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.22 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

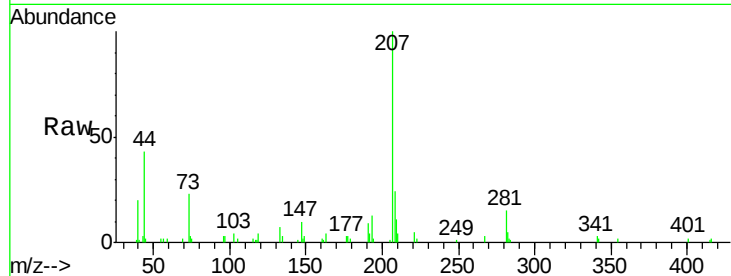
Instrument :

BNA_M

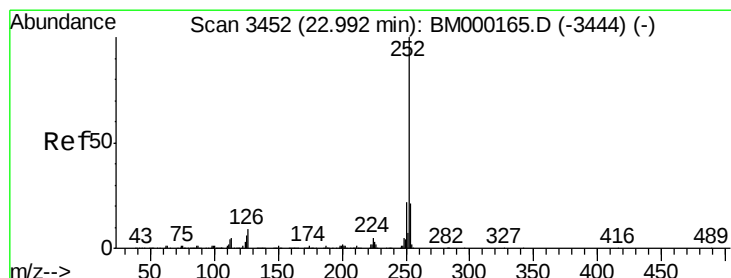
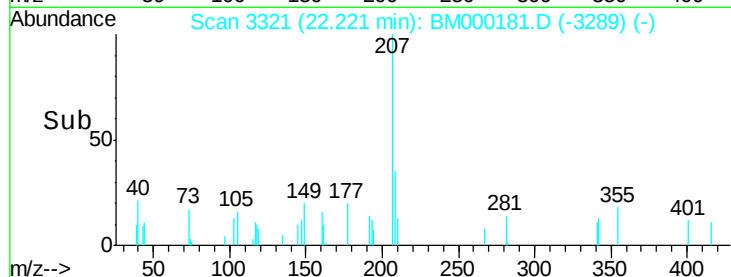
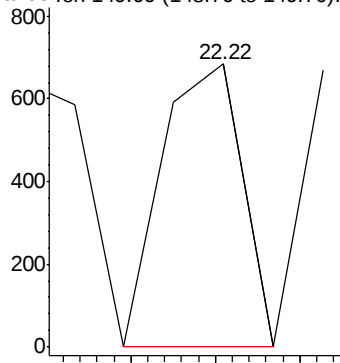
ClientSampleId :

C0AP7

Tgt Ion:149 Resp: 450



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.99 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

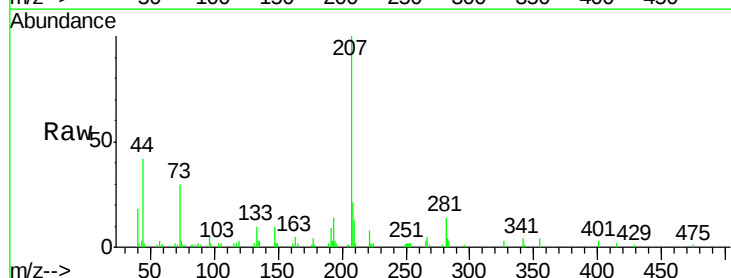
Tgt Ion:252 Resp: 786

Ion Ratio Lower Upper

252 100

253 94.2 17.1 25.7#

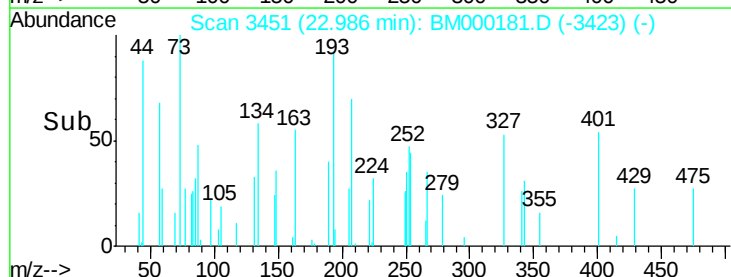
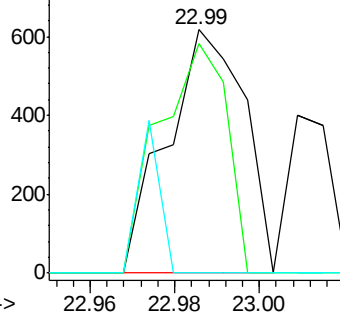
125 0.0 4.8 7.2#

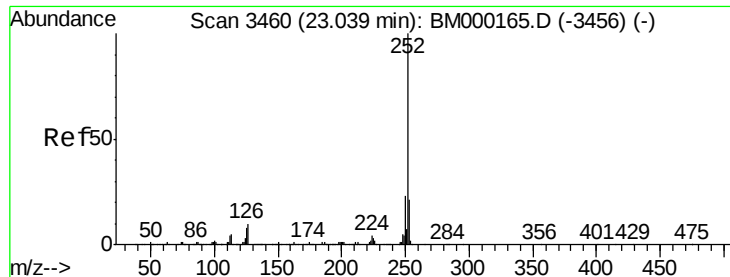


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 23.04 min Scan# 3461

Delta R.T. -0.02 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

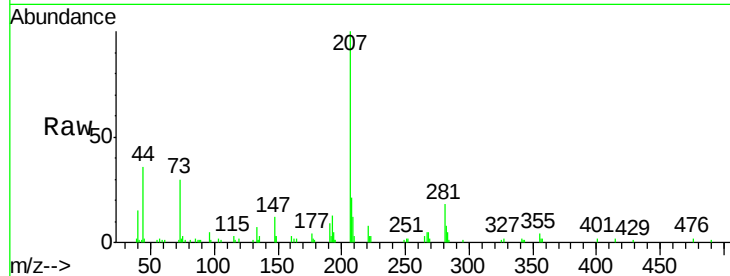
Tgt Ion:252 Resp: 150

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

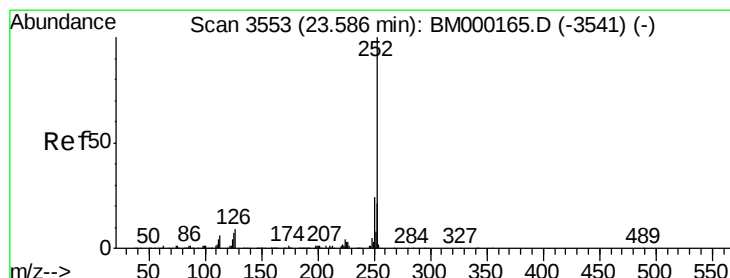
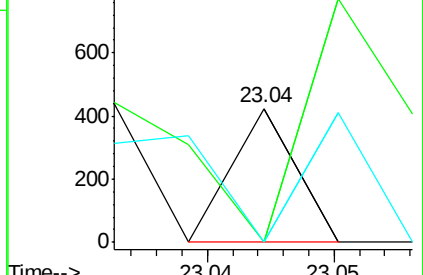
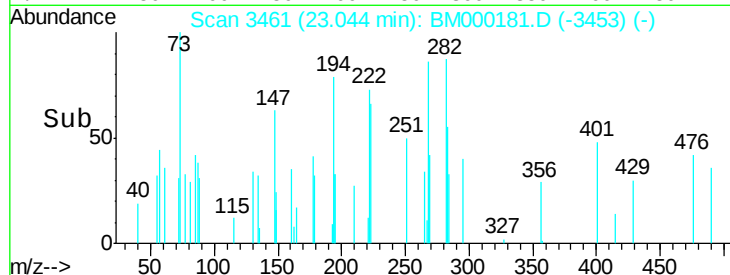
125 0.0 4.9 7.3#



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: 0.01 ng/u1

RT: 23.59 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

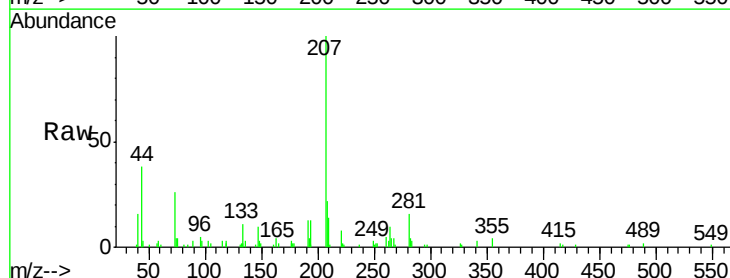
Tgt Ion:252 Resp: 330

Ion Ratio Lower Upper

252 100

253 94.2 17.0 25.6#

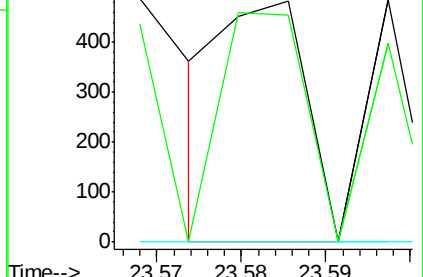
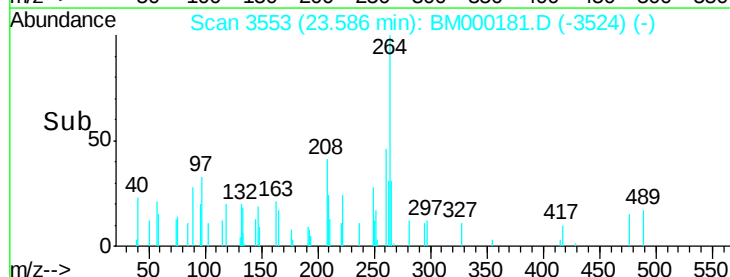
125 0.0 5.8 8.6#

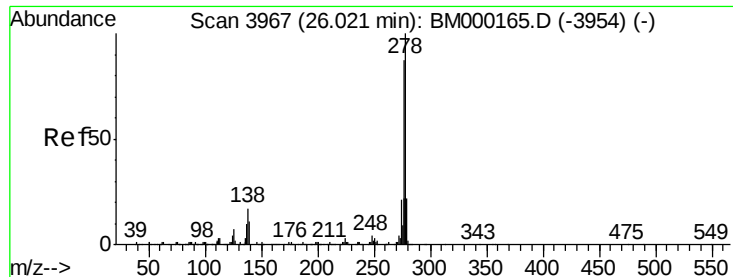


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 26.01 min Scan# 3966

Delta R.T. -0.05 min

Lab File: BM000181.D

Acq: 13 Jan 2015 22:58

Instrument :

BNA_M

ClientSampleId :

C0AP7

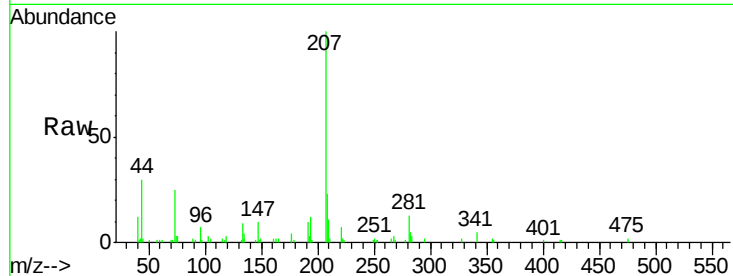
Tgt Ion: 278 Resp: 524

Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

279 0.0 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

