

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000179.D
 Acq On : 13 Jan 2015 21:47
 Operator : TP/IZ
 Sample : G1063-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AN9

Quant Time: Jan 14 12:58:52 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	117937	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	471187	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.46	164	322292	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.20	188	637130	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	717347	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	674309	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	3308	1.63	ng/uL	0.00
5) Phenol-d5	6.99	99	63680	6.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	196881	31.39	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	181617	24.97	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	121912	15.45	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	111637	34.26	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	120870	36.34	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	214868	29.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	13098	1.57	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	893002	37.57	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	974617	34.22	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	19019	4.92	ng/ul	-0.01
57) Fluorene-d10	15.46	176	737231	36.12	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	100666	33.34	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1191216	40.43	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1308473	39.54	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.53	264	1230100	40.19	ng/ul	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	3064	1.09	ng/uL	86
8) Bis(2-Chloroethyl)ether	7.26	93	978	0.12	ng/ul#	79
12) 2,2'-oxybis(1-Chloropropan	8.53	45	1269	0.10	ng/ul#	70
14) Acetophenone	8.65	105	525	0.04	ng/ul#	62
15) N-Nitroso-di-n-propylamine	8.52	70	3376	0.47	ng/ul#	1
20) Nitrobenzene	8.99	77	1532	0.16	ng/ul#	30
21) Isophorone	9.70	82	17431	0.93	ng/ul#	75
28) Naphthalene	10.66	128	126	0.01	ng/ul#	69
44) Dimethylphthalate	13.92	163	42289	1.79	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	1032	0.24	ng/ul#	25
49) Acenaphthene	14.53	153	466	0.02	ng/ul#	43
53) Dibenzofuran	14.86	168	403	0.01	ng/ul#	34
56) Diethylphthalate	15.28	149	14795	0.59	ng/ul	95
58) Fluorene	15.51	166	491	0.02	ng/ul#	44
60) 4-Nitroaniline	15.57	138	479	0.10	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.57	198	116	0.04	ng/ul#	1
64) N-Nitrosodiphenylamine	15.58	169	762	0.04	ng/ul#	36
69) Phenanthrene	17.24	178	3068	0.09	ng/ul#	90
71) Anthracene	17.24	178	3068	0.09	ng/ul#	91
72) Carbazole	17.61	167	1479	0.05	ng/ul#	87
73) Di-n-butylphthalate	18.17	149	3442	0.09	ng/ul#	90
74) Fluoranthene	19.26	202	2349	0.06	ng/ul#	80
77) Pyrene	19.62	202	585	0.01	ng/ul#	1

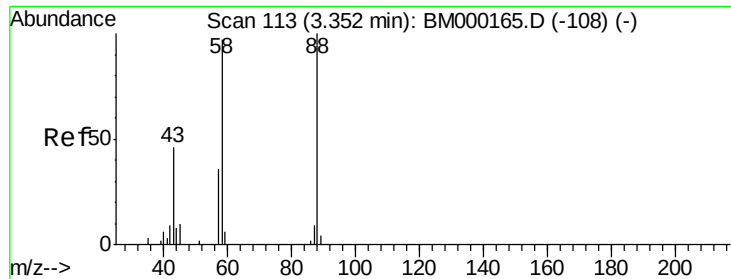
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000179.D
Acq On : 13 Jan 2015 21:47
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Quant Time: Jan 14 12:58:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Butylbenzylphthalate	20.53	149	633	0.04	ng/ul#	75
80) Benzo(a)anthracene	21.38	228	3385	0.08	ng/ul#	70
81) Bis(2-ethylhexyl)phthalate	21.30	149	3390	0.13	ng/ul#	95
82) Chrysene	21.43	228	1315	0.03	ng/ul#	56
84) Di-n-octyl phthalate	22.20	149	736	0.02	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	880	0.02	ng/ul#	57
86) Benzo(k)fluoranthene	23.03	252	1830	0.05	ng/ul#	64
88) Benzo(a)pyrene	23.59	252	478	0.01	ng/ul#	2
89) Indeno(1,2,3-cd)pyrene	26.03	276	192	0.00	ng/ul#	55
90) Dibenzo(a,h)anthracene	26.03	278	1131	0.03	ng/ul#	57
91) Benzo(g,h,i)perylene	26.74	276	242	0.01	ng/ul#	56

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



#2

1,4-Dioxane

Concen: 1.09 ng/uL

RT: 3.36 min Scan# 114

Delta R.T. -0.00 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

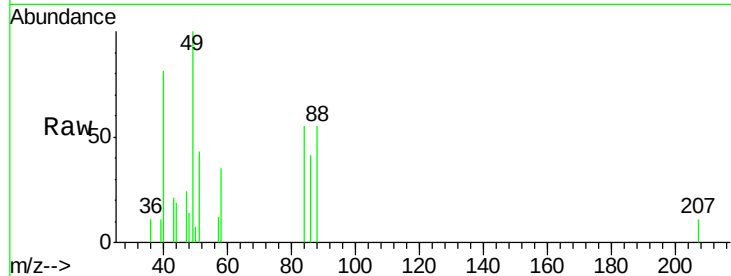
Tgt Ion: 88 Resp: 3064

Ion Ratio Lower Upper

88 100

43 46.7 34.9 52.3

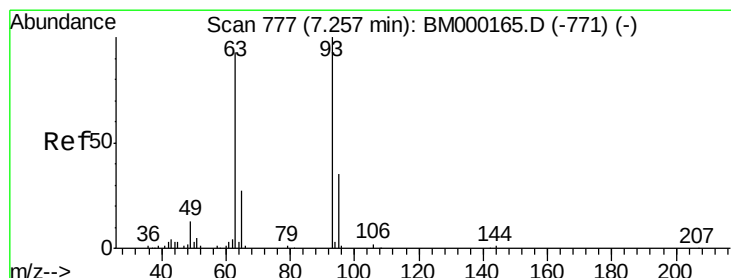
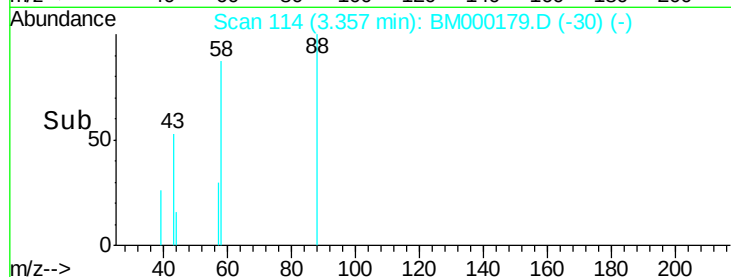
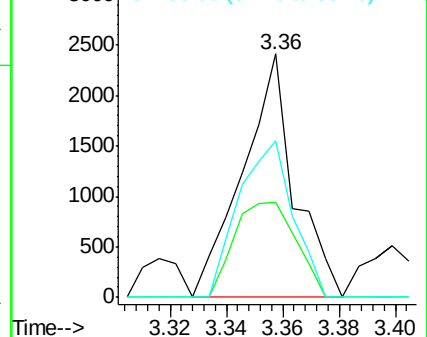
58 67.5 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000179.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM000179.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM000179.D (-30) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 0.12 ng/uL

RT: 7.26 min Scan# 778

Delta R.T. -0.01 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

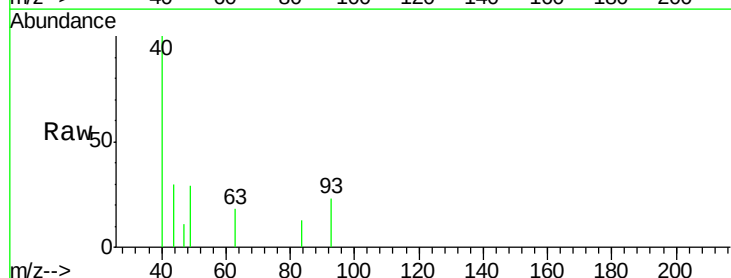
Tgt Ion: 93 Resp: 978

Ion Ratio Lower Upper

93 100

63 78.4 68.9 103.3

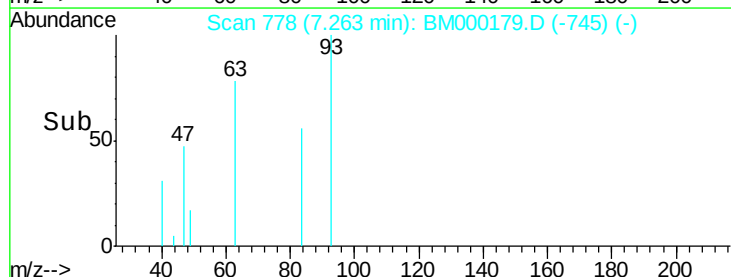
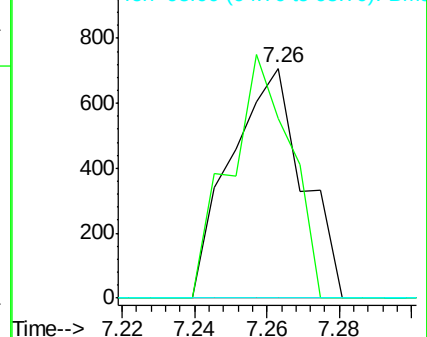
95 0.0 24.6 37.0#

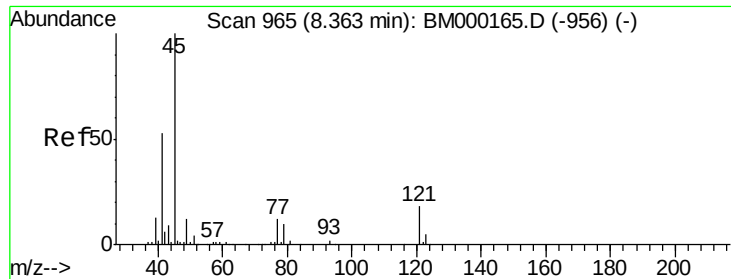


Abundance Ion 93.00 (92.70 to 93.70): BM000179.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM000179.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM000179.D (-745) (-)

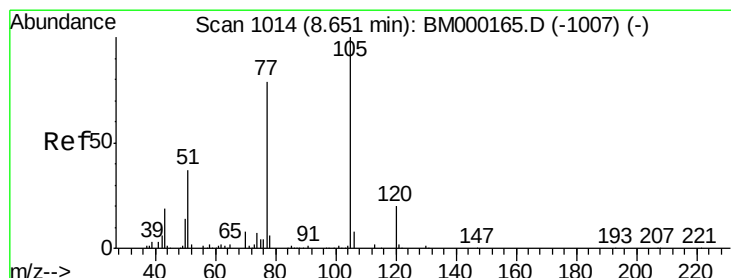
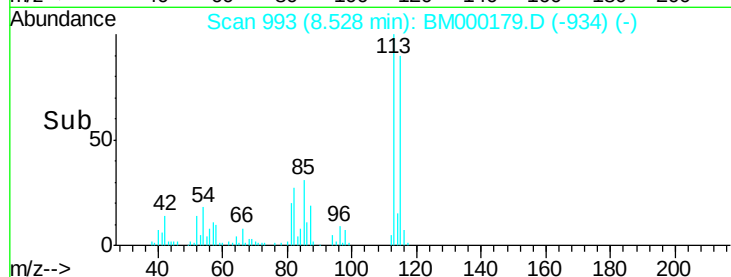
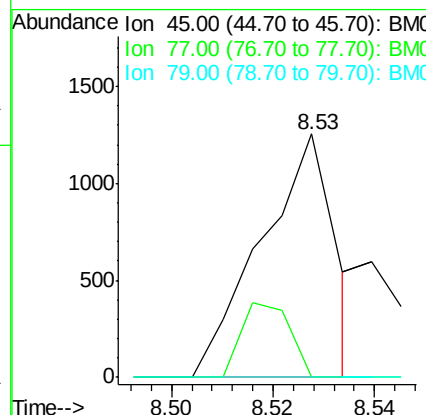
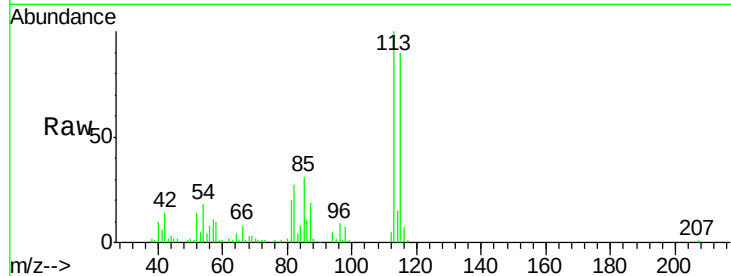




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.10 ng/ul
 RT: 8.53 min Scan# 993
 Delta R.T. 0.15 min
 Lab File: BM000179.D
 Acq: 13 Jan 2015 21:47

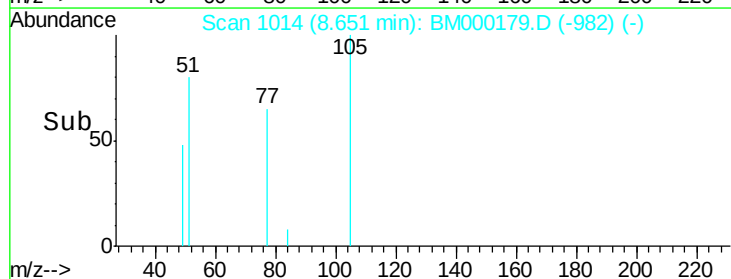
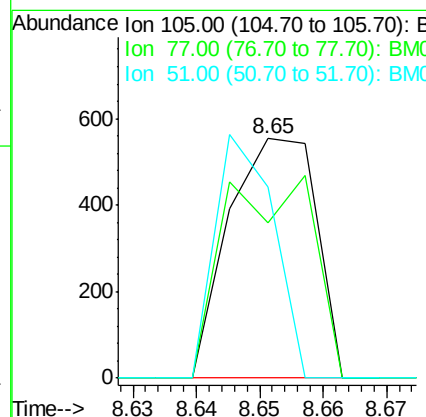
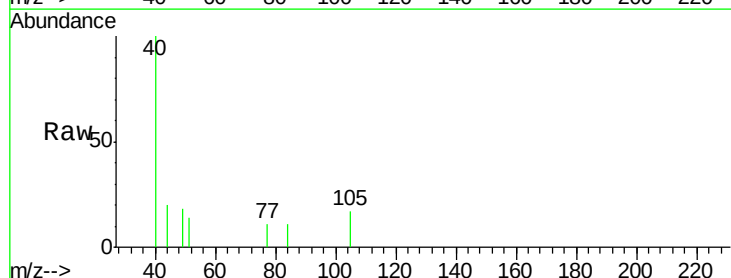
Instrument :
 BNA_M
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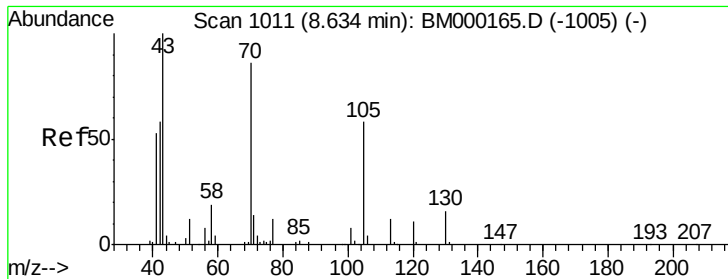
Tgt Ion: 45 Resp: 1269
 Ion Ratio Lower Upper
 45 100
 77 0.0 9.9 14.9#
 79 0.0 8.3 12.5#



#14
 Acetophenone
 Concen: 0.04 ng/ul
 RT: 8.65 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM000179.D
 Acq: 13 Jan 2015 21:47

Tgt Ion: 105 Resp: 525
 Ion Ratio Lower Upper
 105 100
 77 64.8 66.3 99.5#
 51 79.8 26.5 39.7#

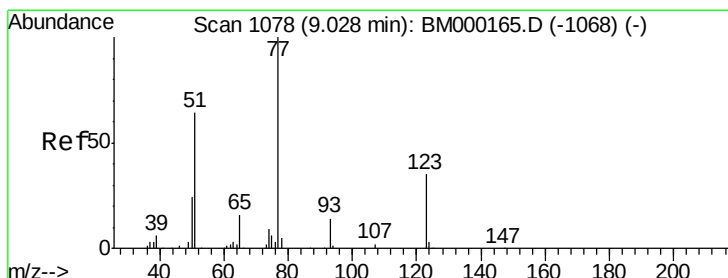
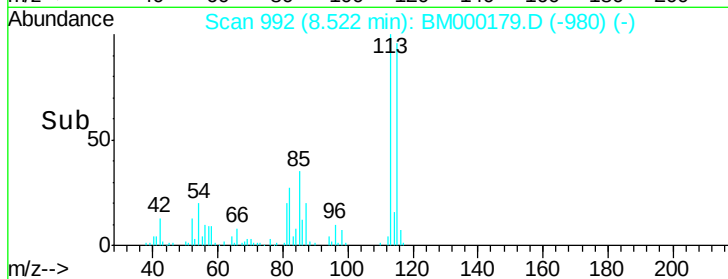
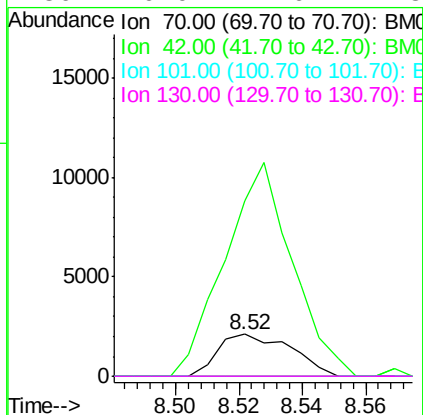
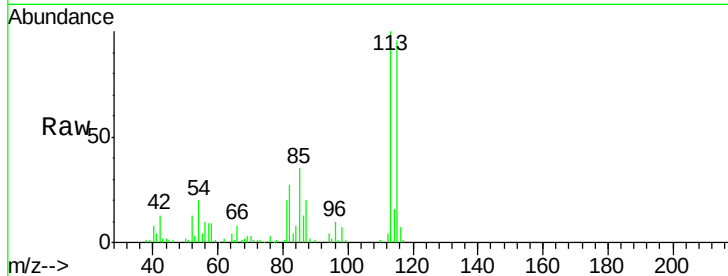




#15
N-Nitroso-di-n-propylamine
Concen: 0.47 ng/ul
RT: 8.52 min Scan# 992
Delta R.T. -0.13 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

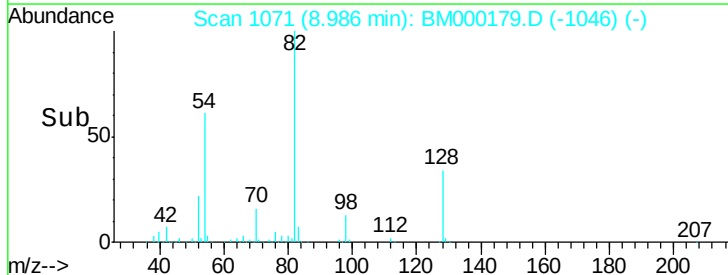
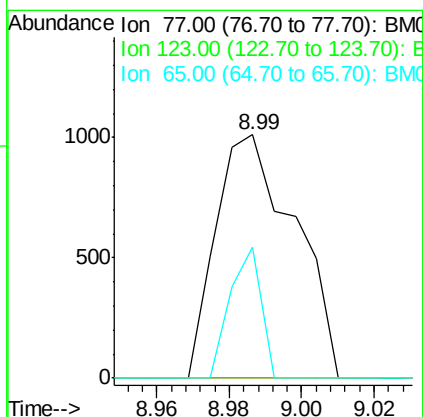
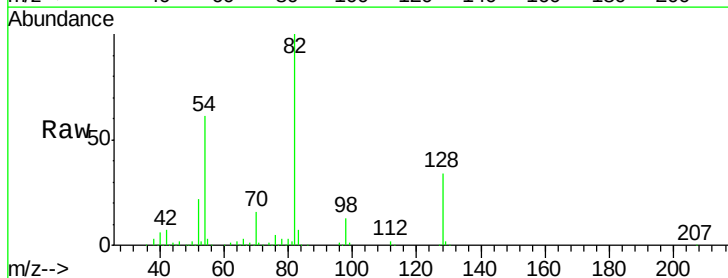
Instrument :
BNA_M
ClientSampleId :
C0AN9

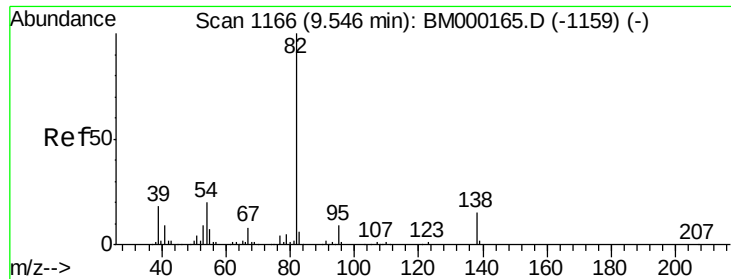
Tgt Ion:	70	Resp:	3376
Ion	Ratio	Lower	Upper
70	100		
42	420.2	46.4	69.6#
101	0.0	7.8	11.8#
130	0.0	14.6	21.8#



#20
Nitrobenzene
Concen: 0.16 ng/ul
RT: 8.99 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

Tgt Ion:	77	Resp:	1532
Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.2	43.8#
65	53.8	12.4	18.6#





#21

Isophorone

Concen: 0.93 ng/ul

RT: 9.70 min Scan# 1193

Delta R.T. 0.14 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

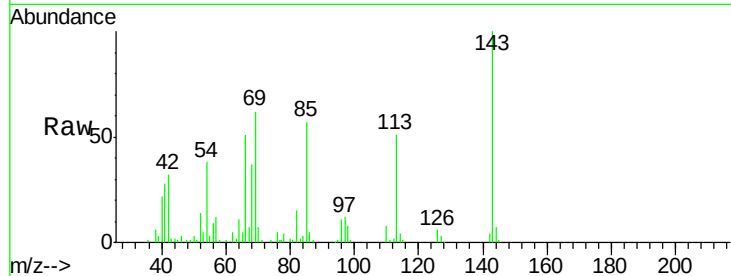
Tgt Ion: 82 Resp: 17431

Ion Ratio Lower Upper

82 100

95 6.4 6.9 10.3#

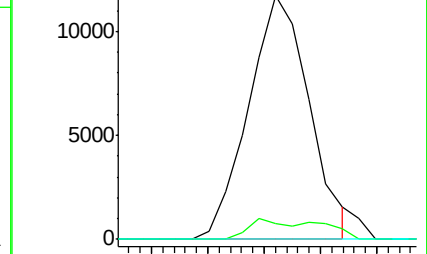
138 0.0 12.1 18.1#



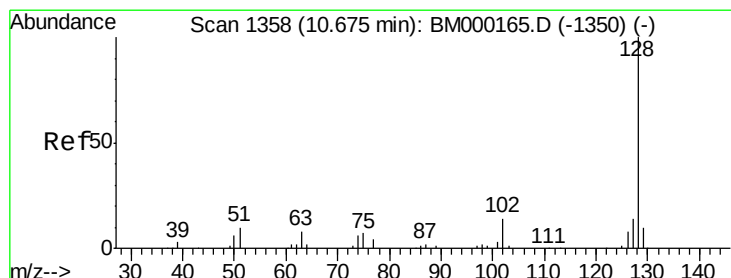
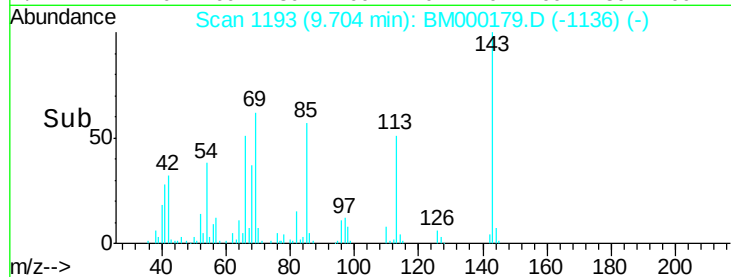
Abundance Ion 82.00 (81.70 to 82.70): BM000165.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM000165.D (-1159) (-)

Ion 138.00 (137.70 to 138.70): BM000165.D (-1159) (-)



Time-->



#28

Naphthalene

Concen: 0.01 ng/ul

RT: 10.66 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

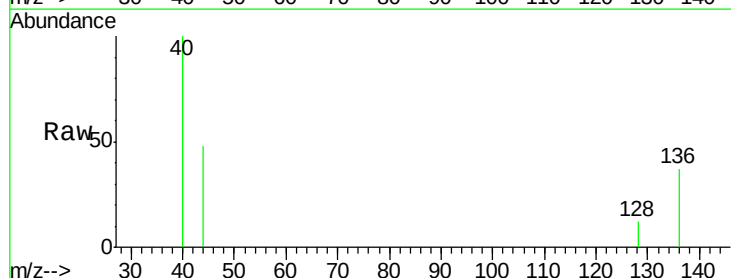
Tgt Ion: 128 Resp: 126

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

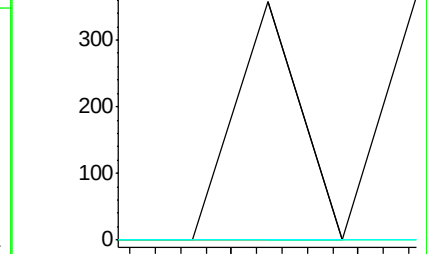
127 0.0 10.3 15.5#



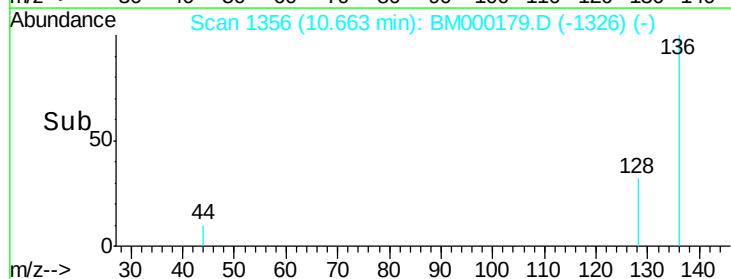
Abundance Ion 128.00 (127.70 to 128.70): BM000165.D (-1350) (-)

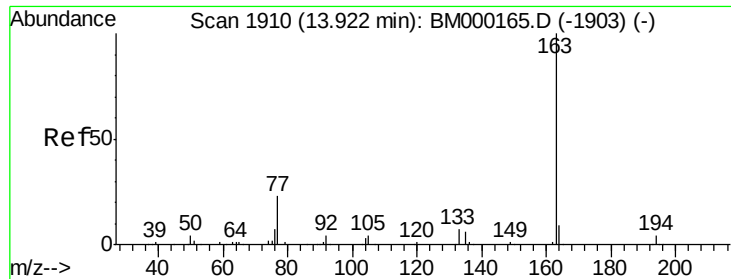
Ion 129.00 (128.70 to 129.70): BM000165.D (-1350) (-)

Ion 127.00 (126.70 to 127.70): BM000165.D (-1350) (-)



Time-->

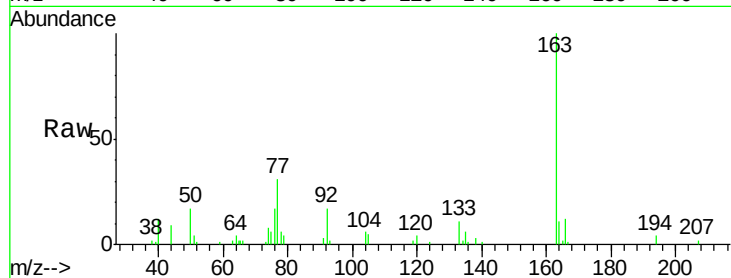




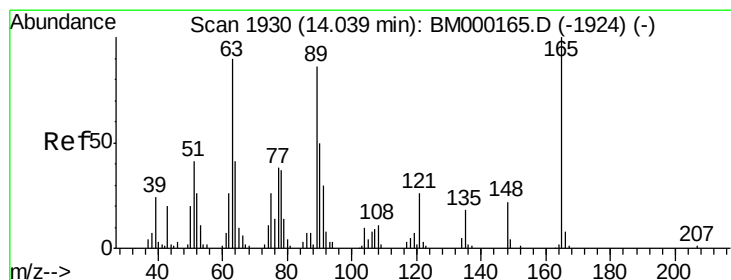
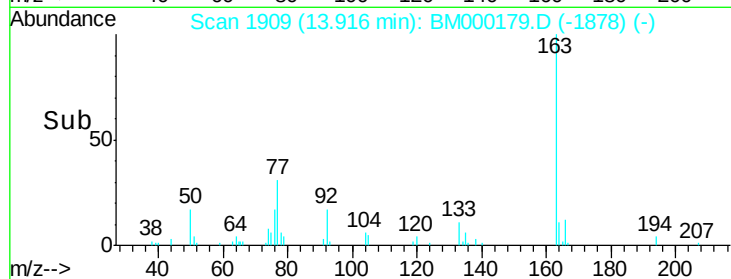
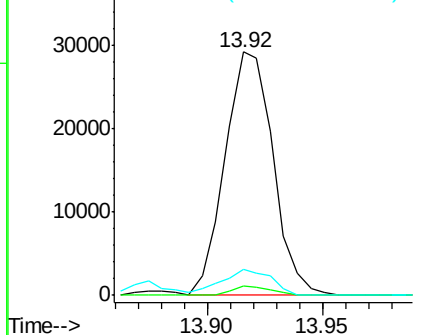
#44
 Dimethylphthalate
 Concen: 1.79 ng/ul
 RT: 13.92 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BM000179.D
 Acq: 13 Jan 2015 21:47

Instrument :
 BNA_M
 ClientSampleId :
 C0AN9

Tgt Ion:163 Resp: 42289
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 10.6 8.5 12.7

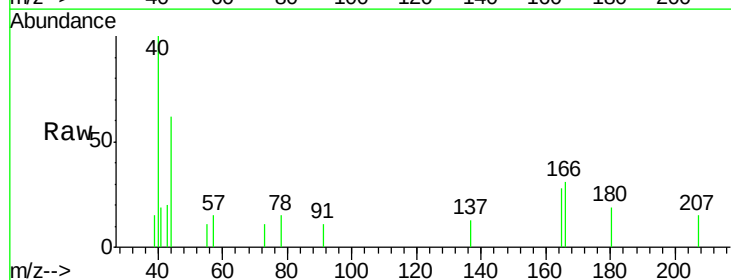


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

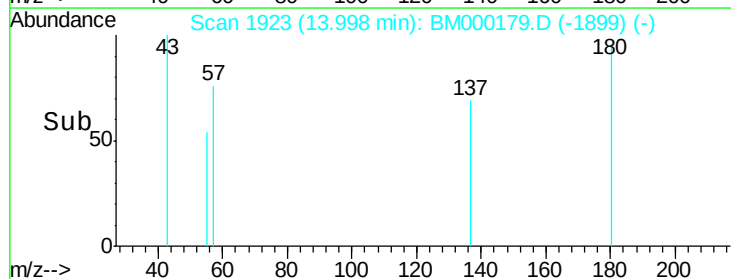
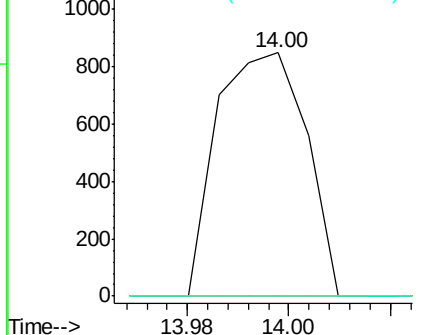


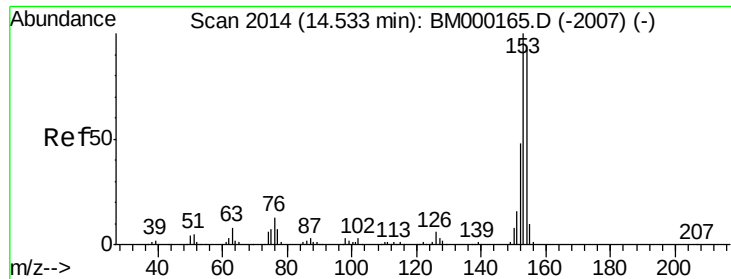
#45
 2,6-Dinitrotoluene
 Concen: 0.24 ng/ul
 RT: 14.00 min Scan# 1923
 Delta R.T. -0.06 min
 Lab File: BM000179.D
 Acq: 13 Jan 2015 21:47

Tgt Ion:165 Resp: 1032
 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





#49

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.53 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

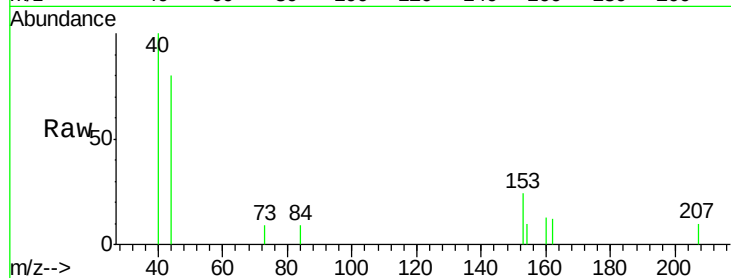
Tgt Ion:153 Resp: 466

Ion Ratio Lower Upper

153 100

152 0.0 37.5 56.3#

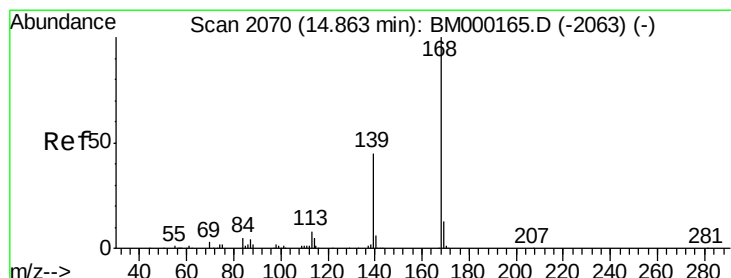
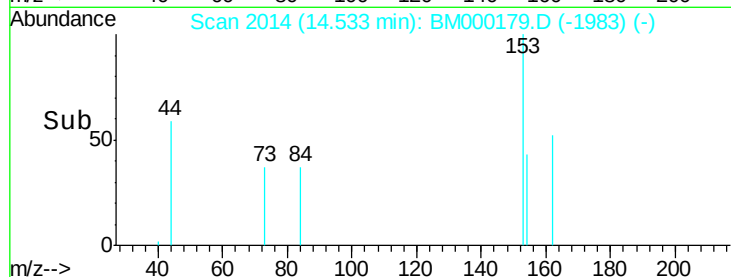
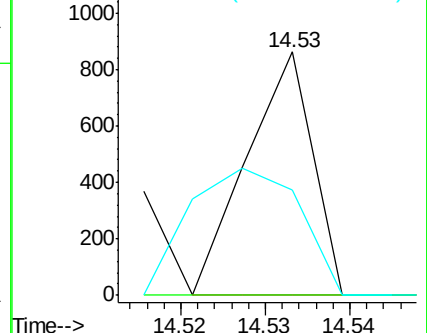
154 43.1 72.2 108.4#



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



#53

Dibenzofuran

Concen: 0.01 ng/ul

RT: 14.86 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BM000179.D

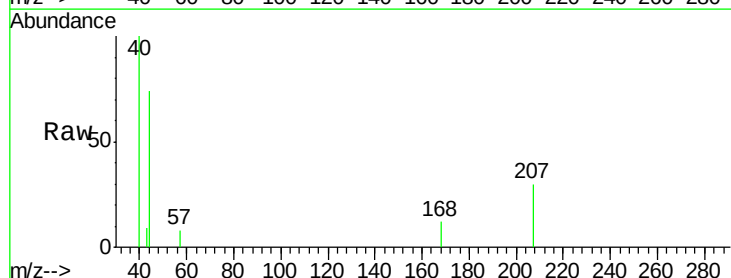
Acq: 13 Jan 2015 21:47

Tgt Ion:168 Resp: 403

Ion Ratio Lower Upper

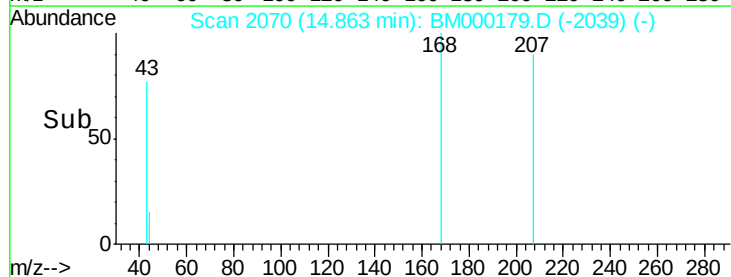
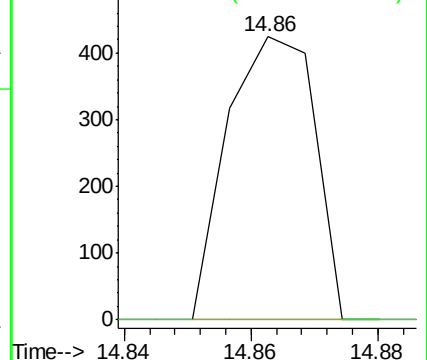
168 100

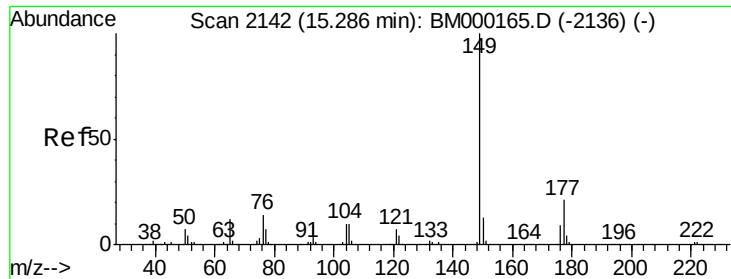
139 0.0 33.6 50.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

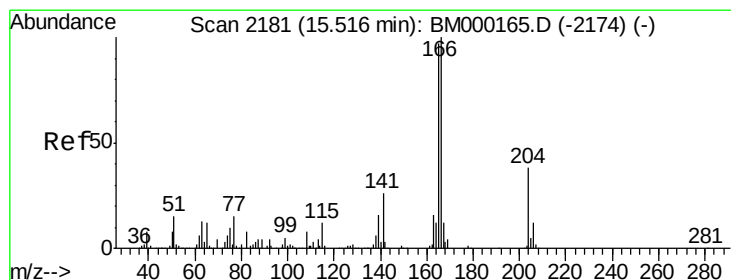
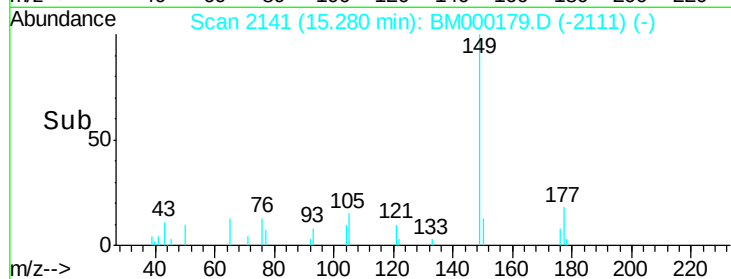
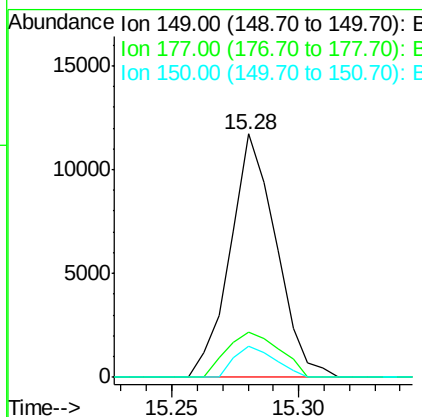
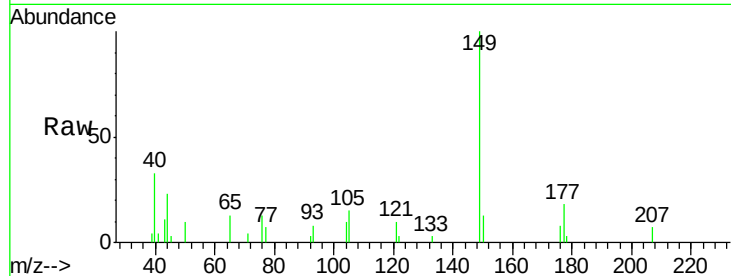




#56
Diethylphthalate
Concen: 0.59 ng/ul
RT: 15.28 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

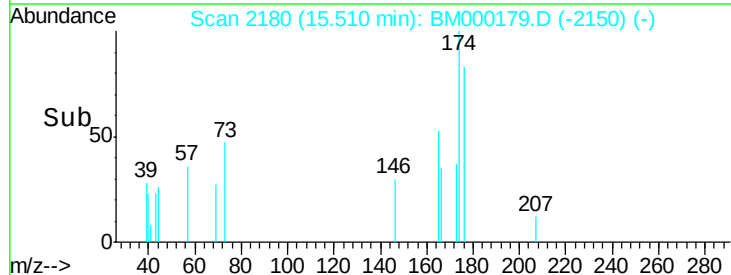
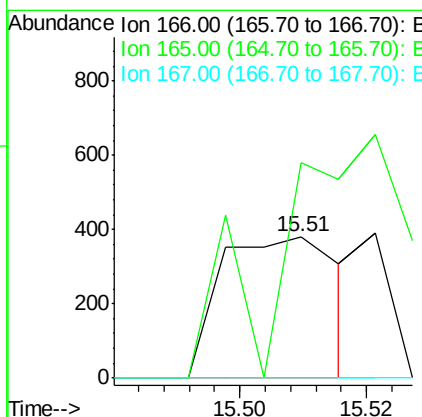
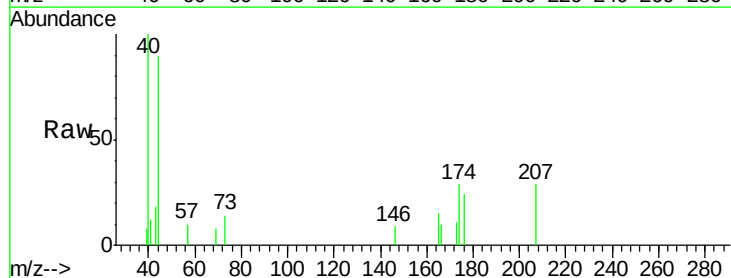
Instrument :
BNA_M
ClientSampleId :
C0AN9

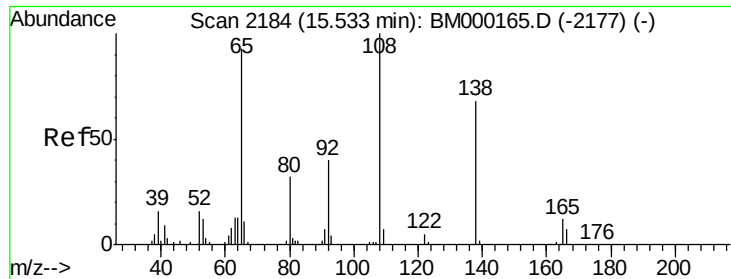
Tgt Ion:149 Resp: 14795
Ion Ratio Lower Upper
149 100
177 18.3 17.4 26.2
150 12.6 10.5 15.7



#58
Fluorene
Concen: 0.02 ng/ul
RT: 15.51 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

Tgt Ion:166 Resp: 491
Ion Ratio Lower Upper
166 100
165 152.5 76.0 114.0#
167 0.0 10.2 15.4#

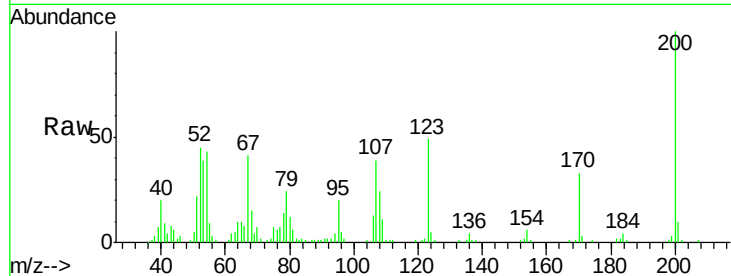




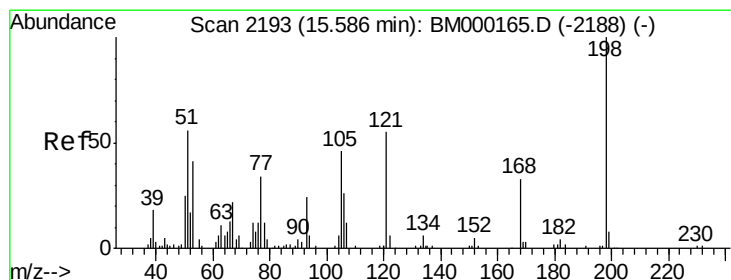
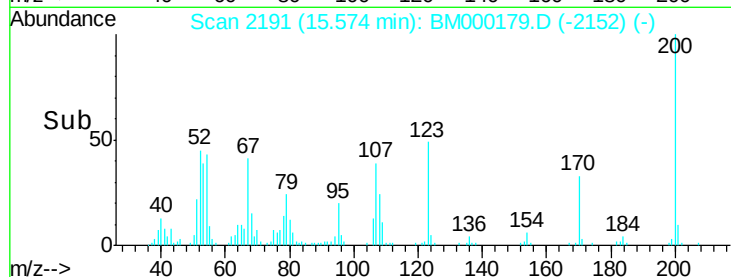
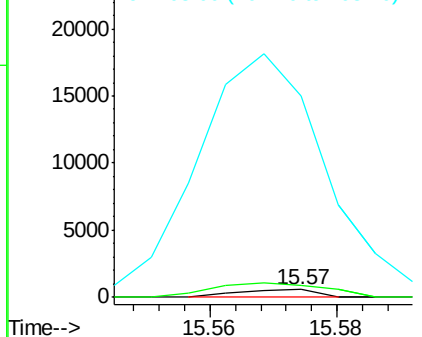
#60
4-Nitroaniline
Concen: 0.10 ng/ul
RT: 15.57 min Scan# 2191
Delta R.T. 0.03 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

Instrument :
BNA_M
ClientSampleId :
C0AN9

Tgt Ion:138 Resp: 479
Ion Ratio Lower Upper
138 100
92 166.2 49.3 73.9#
108 2664.6 110.3 165.5#

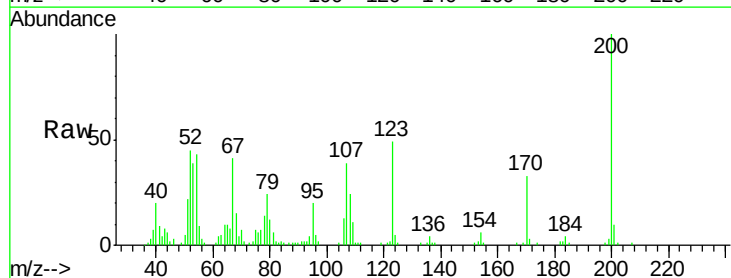


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

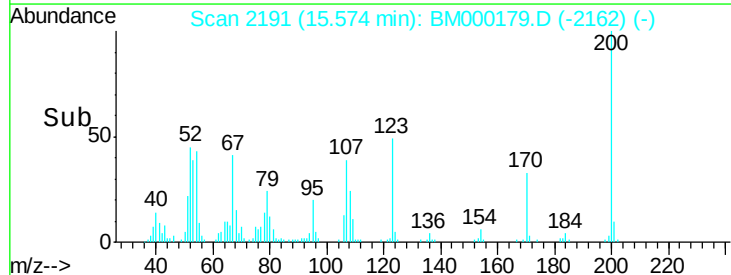
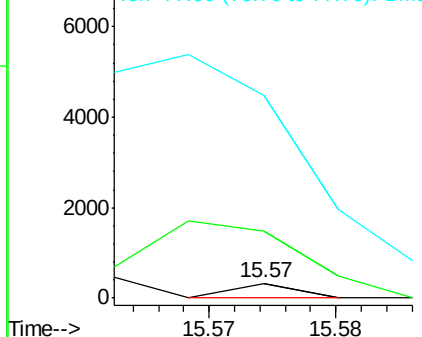


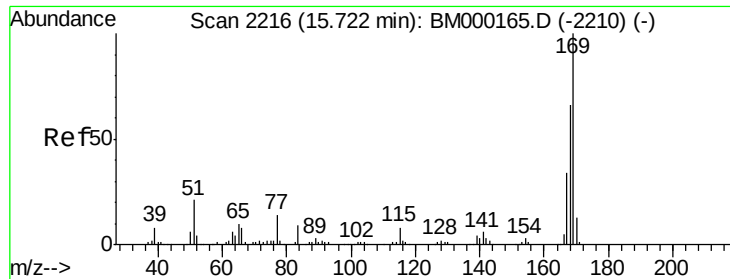
#63
4,6-Dinitro-2-methylphenol
Concen: 0.04 ng/ul
RT: 15.57 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BM000179.D
Acq: 13 Jan 2015 21:47

Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
182 447.0 2.6 4.0#
77 1355.5 25.2 37.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM0





#64

N-Nitrosodiphenylamine

Concen: 0.04 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. -0.16 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

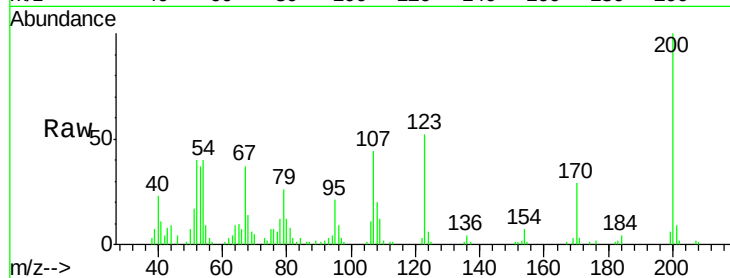
Tgt Ion:169 Resp: 762

Ion Ratio Lower Upper

169 100

168 0.0 51.8 77.6#

167 52.0 28.1 42.1#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

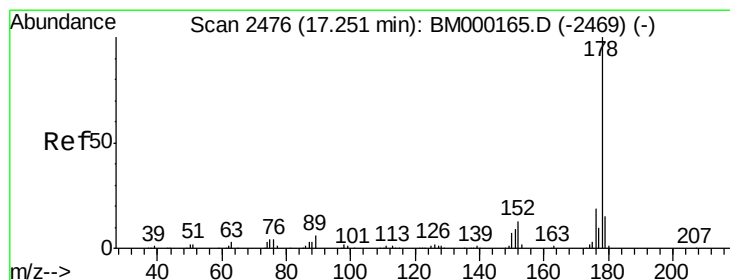
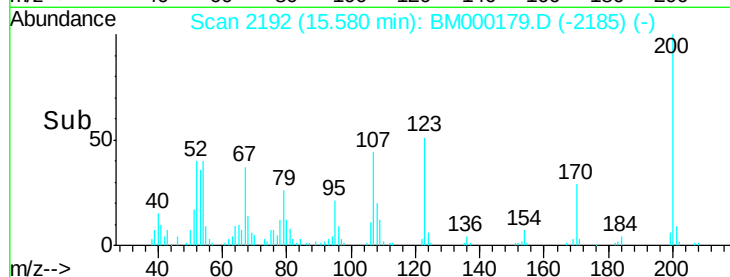
Ion 167.00 (166.70 to 167.70): E

1000

500

15.58

Time-->



#69

Phenanthrene

Concen: 0.09 ng/ul

RT: 17.24 min Scan# 2475

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

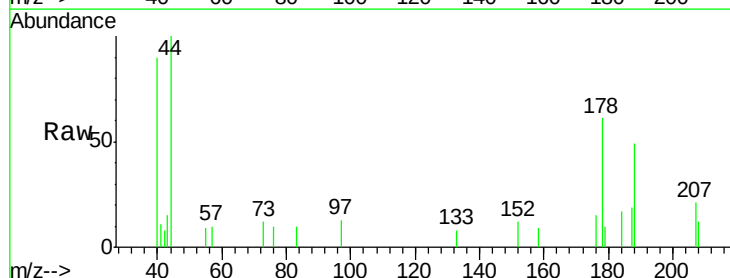
Tgt Ion:178 Resp: 3068

Ion Ratio Lower Upper

178 100

179 17.0 11.6 17.4

176 24.2 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

3000

2500

2000

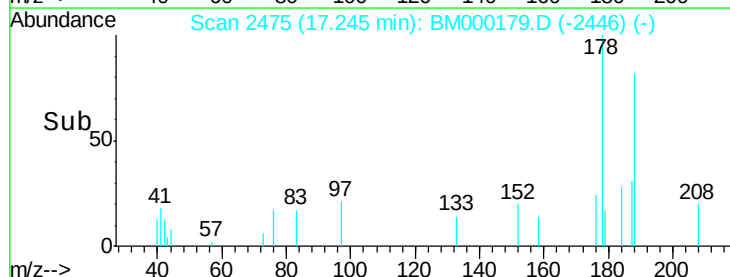
1500

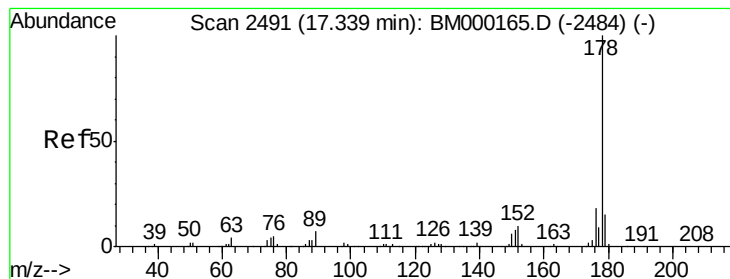
1000

500

17.24

Time-->





#71

Anthracene

Concen: 0.09 ng/ul

RT: 17.24 min Scan# 2475

Delta R.T. -0.11 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

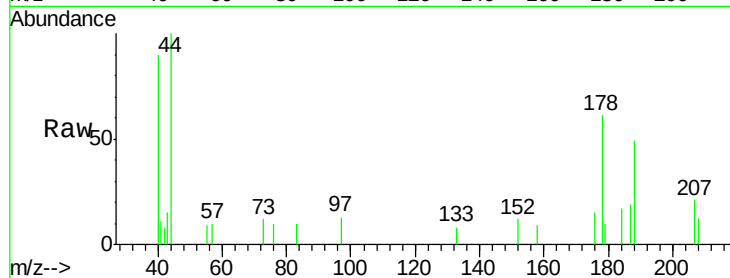
Tgt Ion:178 Resp: 3068

Ion Ratio Lower Upper

178 100

179 17.0 12.6 18.8

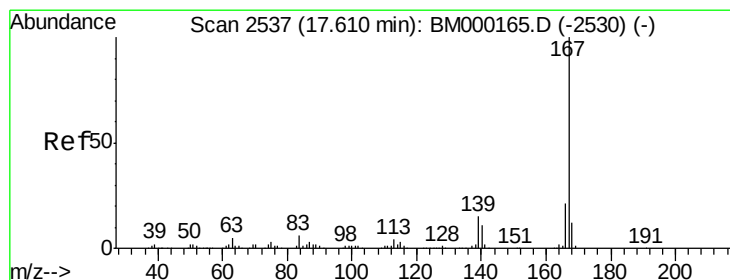
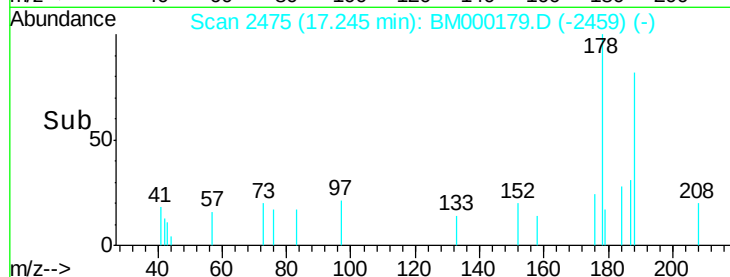
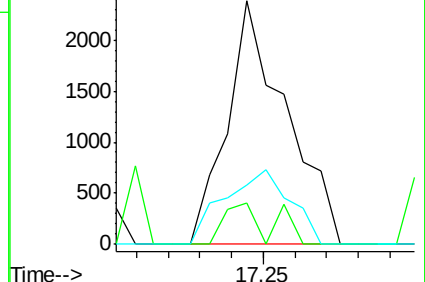
176 24.2 14.6 21.8#



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: 0.05 ng/ul

RT: 17.61 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

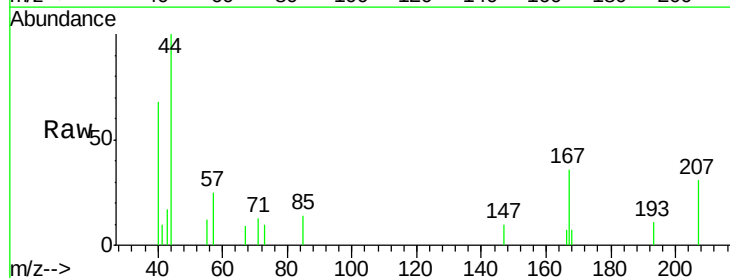
Tgt Ion:167 Resp: 1479

Ion Ratio Lower Upper

167 100

166 20.2 16.2 24.4

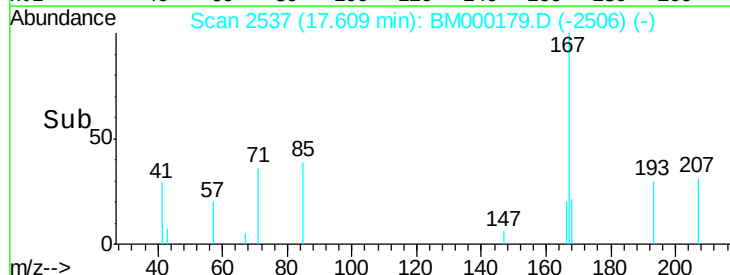
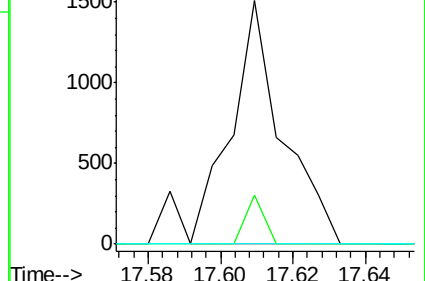
139 0.0 10.7 16.1#

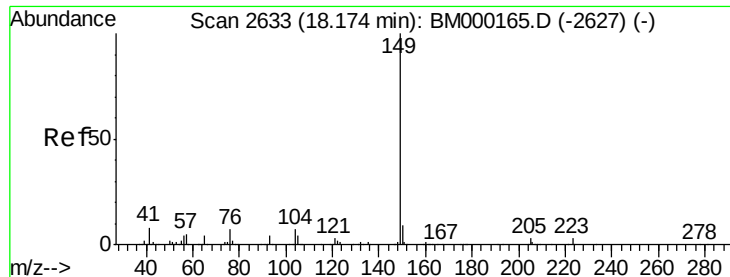


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.09 ng/ul

RT: 18.17 min Scan# 2632

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

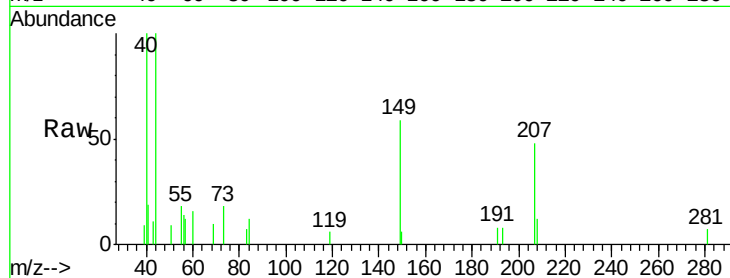
Tgt Ion:149 Resp: 3442

Ion Ratio Lower Upper

149 100

150 10.8 7.1 10.7#

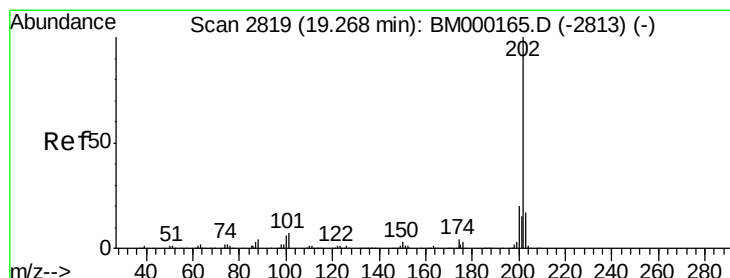
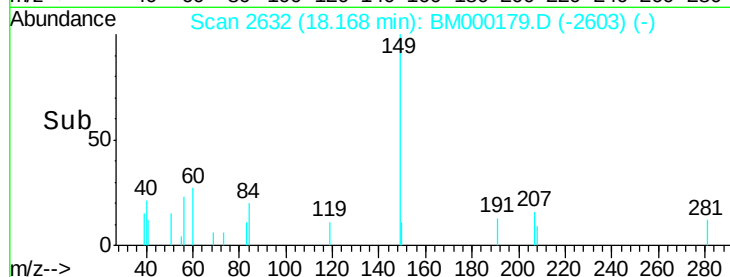
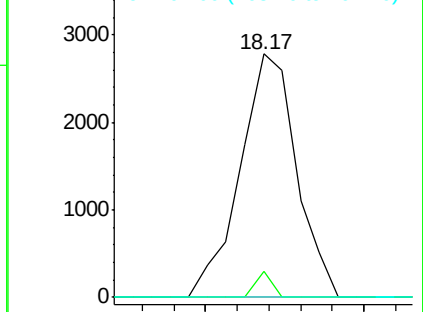
104 0.0 4.8 7.2#



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



#74

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.26 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

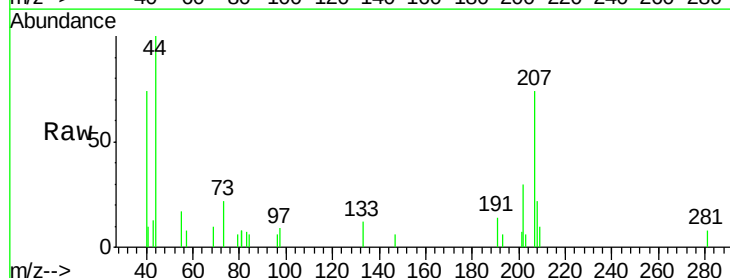
Tgt Ion:202 Resp: 2349

Ion Ratio Lower Upper

202 100

101 0.0 6.4 9.6#

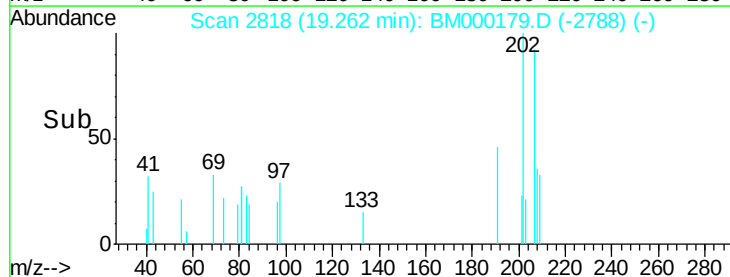
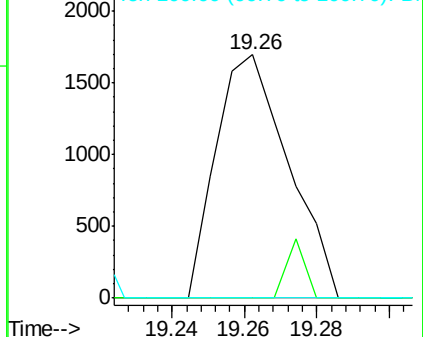
100 0.0 4.6 7.0#

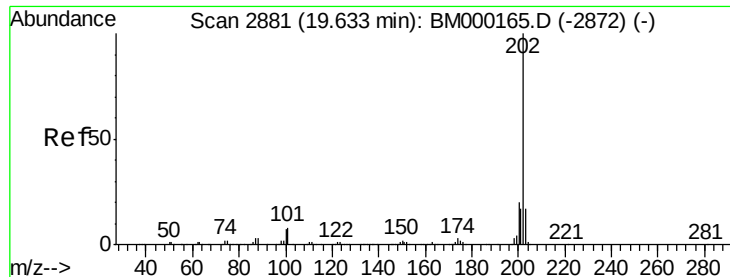


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 0.01 ng/ul

RT: 19.62 min Scan# 2879

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

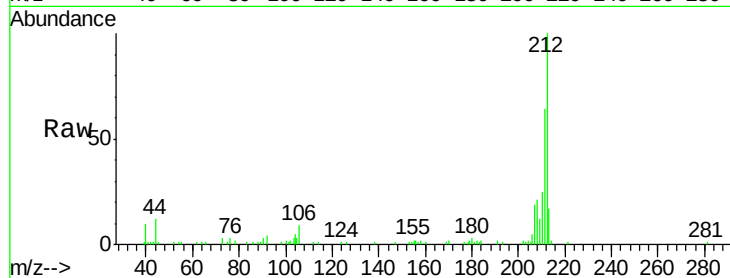
Tgt Ion:202 Resp: 585

Ion Ratio Lower Upper

202 100

101 30.1 6.9 10.3#

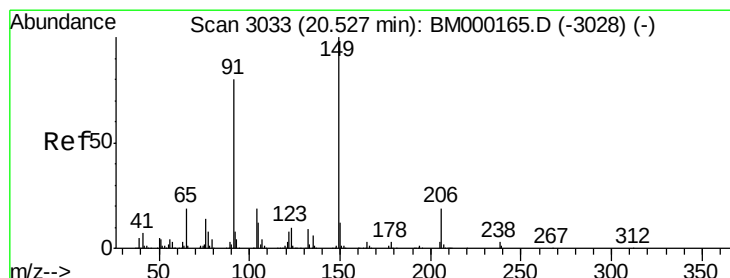
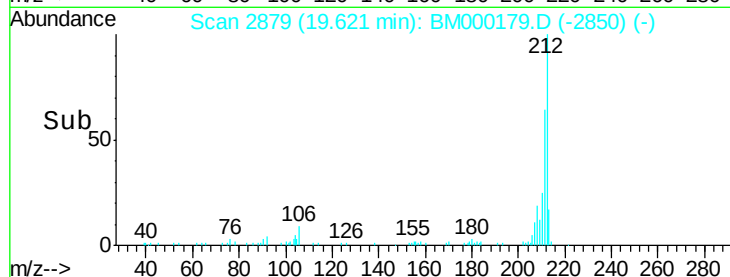
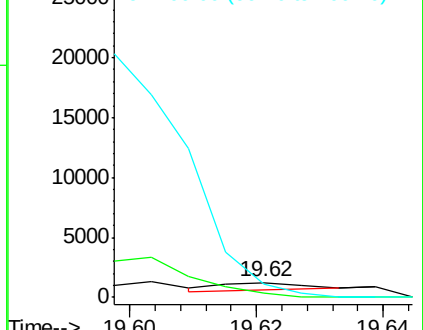
100 88.3 5.5 8.3#



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: 0.04 ng/ul

RT: 20.53 min Scan# 3033

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

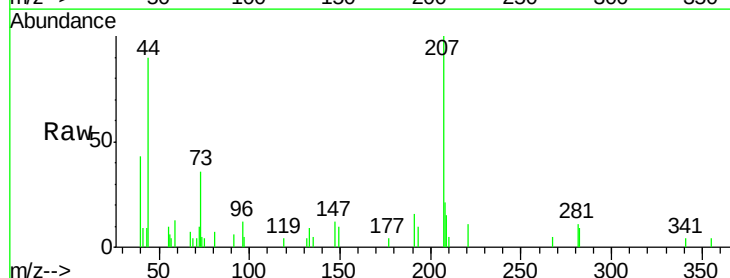
Tgt Ion:149 Resp: 633

Ion Ratio Lower Upper

149 100

91 55.1 56.6 84.8#

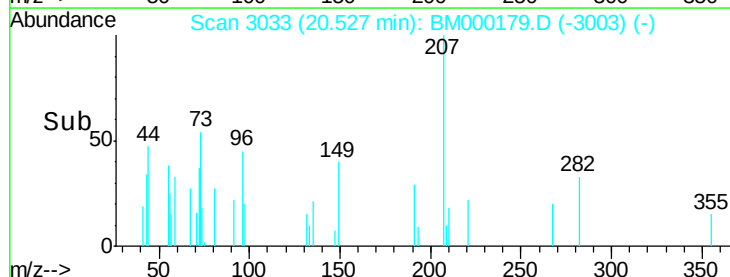
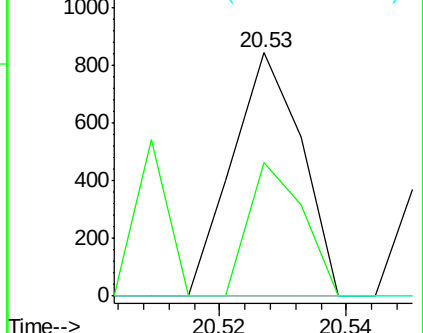
206 0.0 16.8 25.2#

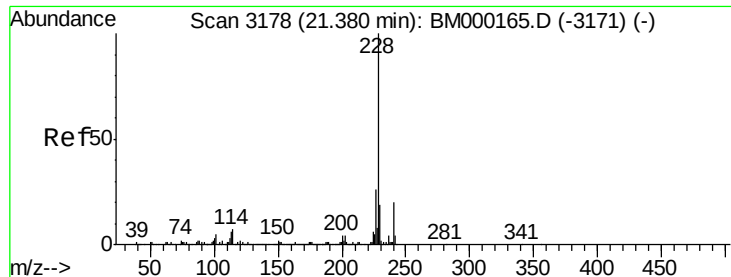


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.38 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampled :

COAN9

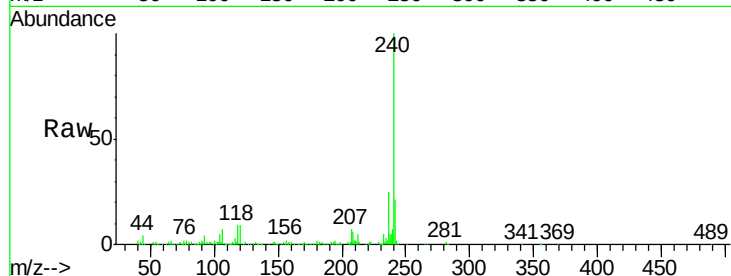
Tgt Ion:228 Resp: 3385

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.8

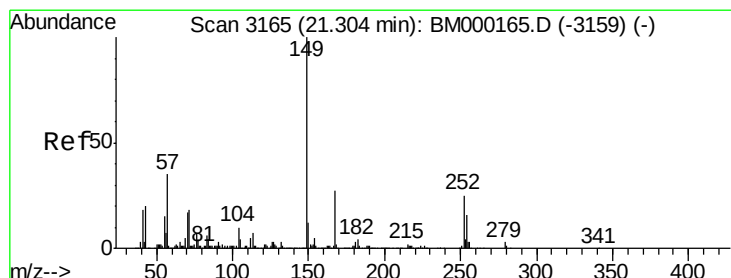
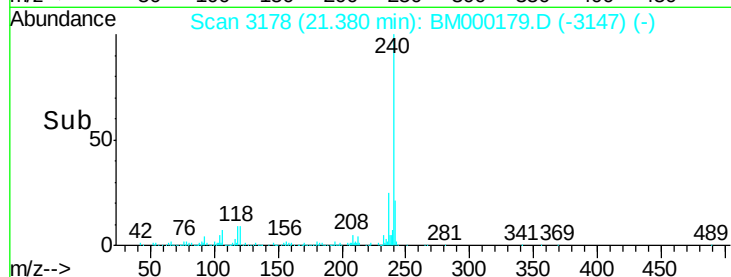
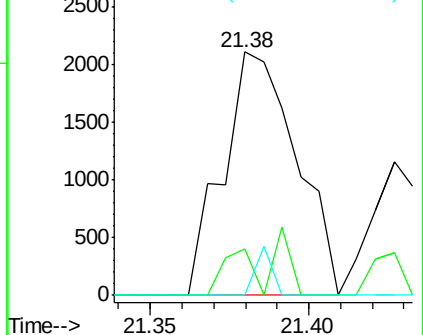
226 0.0 20.7 31.1#



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: 0.13 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

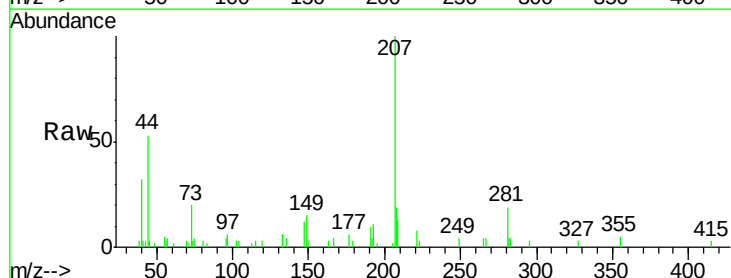
Tgt Ion:149 Resp: 3390

Ion Ratio Lower Upper

149 100

167 29.8 22.1 33.1

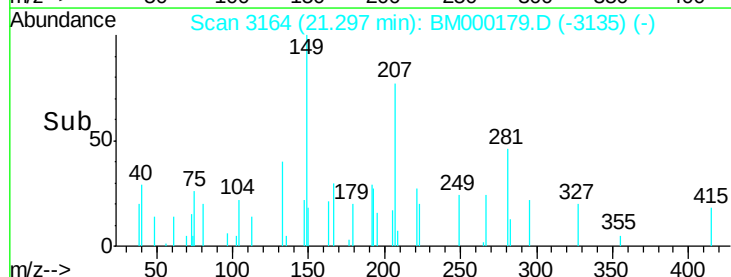
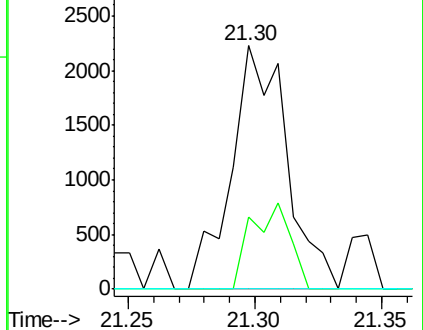
279 0.0 3.0 4.6#

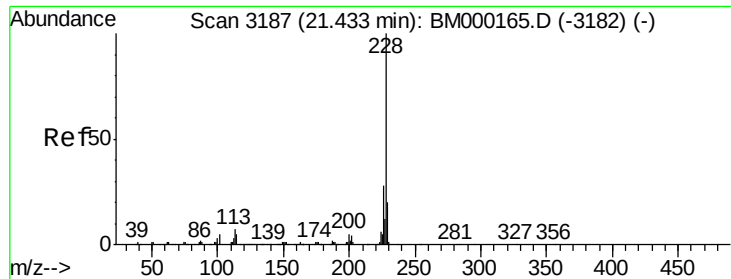


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.03 ng/ul

RT: 21.43 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

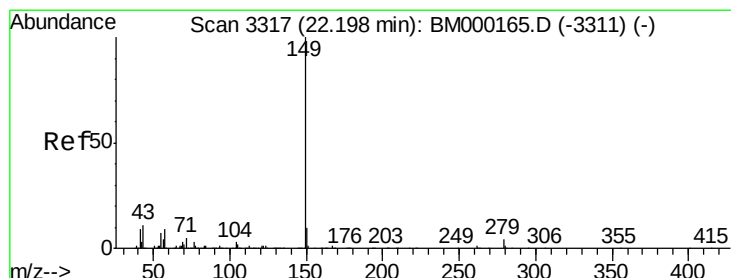
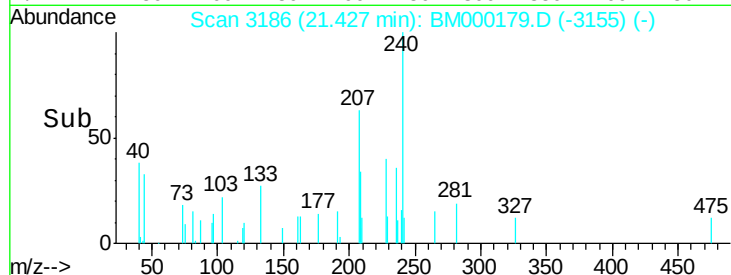
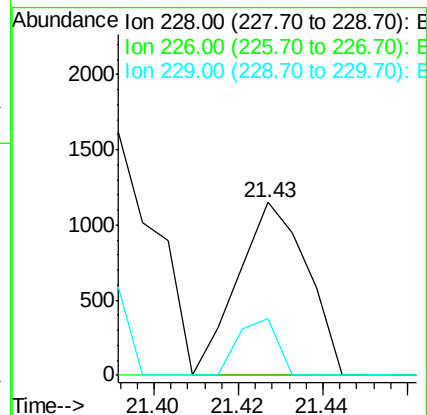
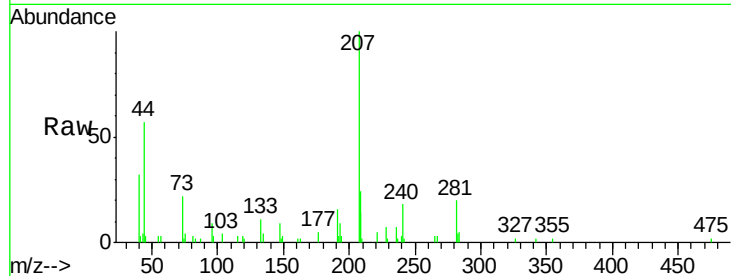
Tgt Ion:228 Resp: 1315

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

229 32.4 15.6 23.4#



#84

Di-n-octyl phthalate

Concen: 0.02 ng/ul

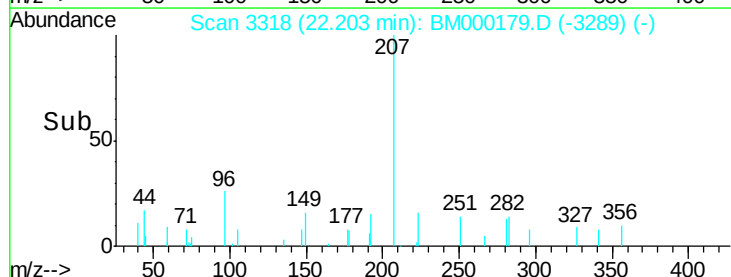
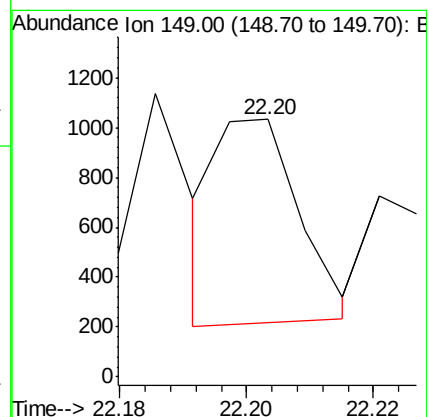
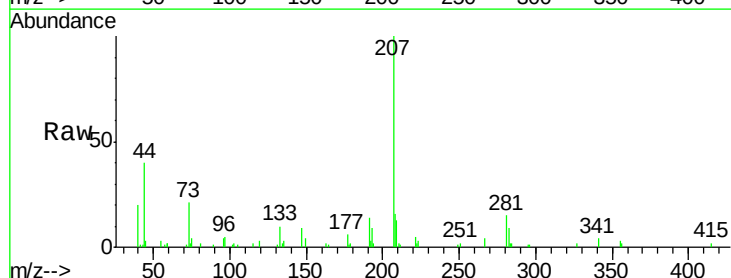
RT: 22.20 min Scan# 3318

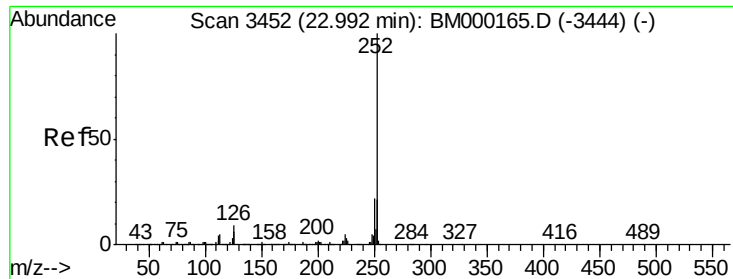
Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Tgt Ion:149 Resp: 736





#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.99 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampled :

C0AN9

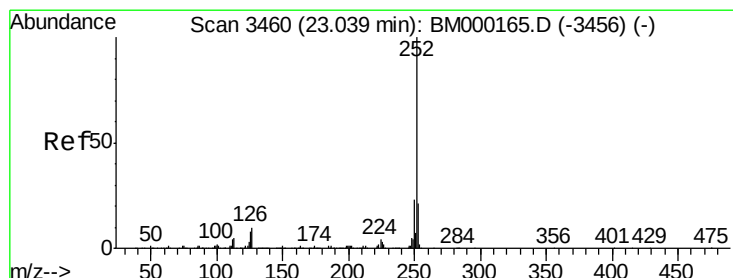
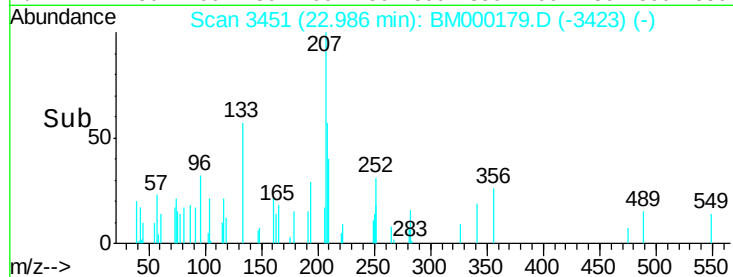
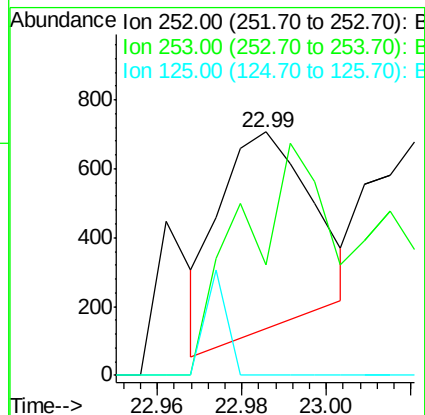
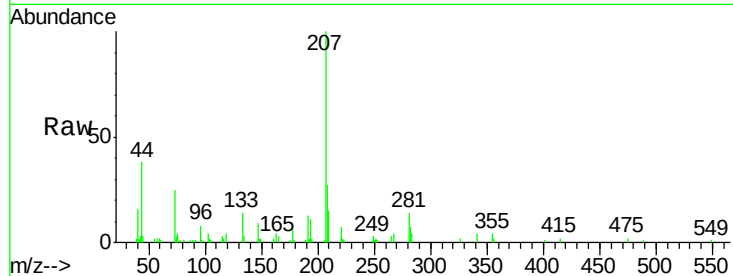
Tgt Ion:252 Resp: 880

Ion Ratio Lower Upper

252 100

253 45.3 17.1 25.7#

125 0.0 4.8 7.2#



#86

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 23.03 min Scan# 3459

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

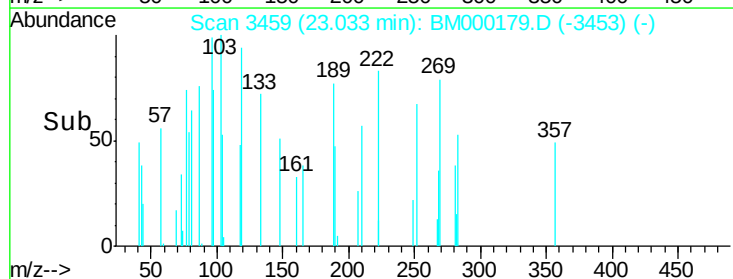
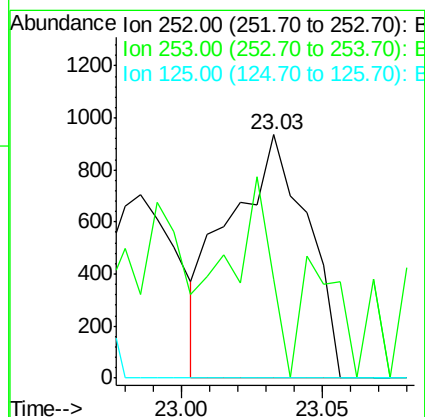
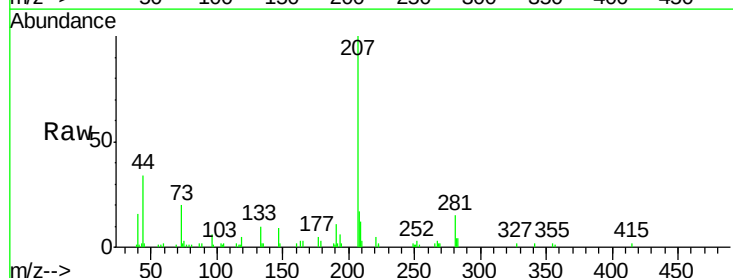
Tgt Ion:252 Resp: 1830

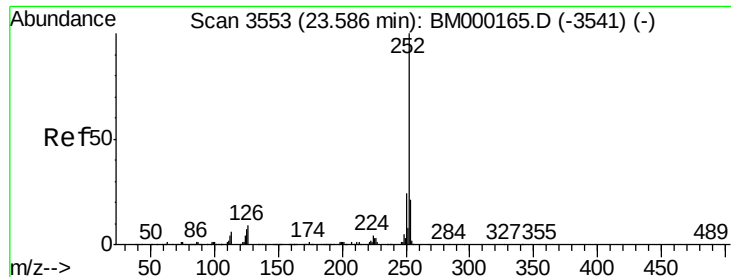
Ion Ratio Lower Upper

252 100

253 40.8 17.2 25.8#

125 0.0 4.9 7.3#





#88

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.59 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampleId :

C0AN9

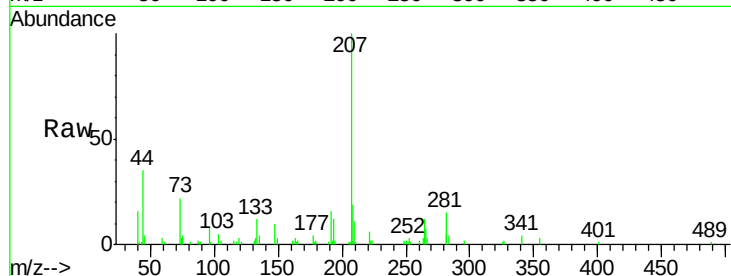
Tgt Ion: 252 Resp: 478

Ion Ratio Lower Upper

252 100

253 79.5 17.0 25.6#

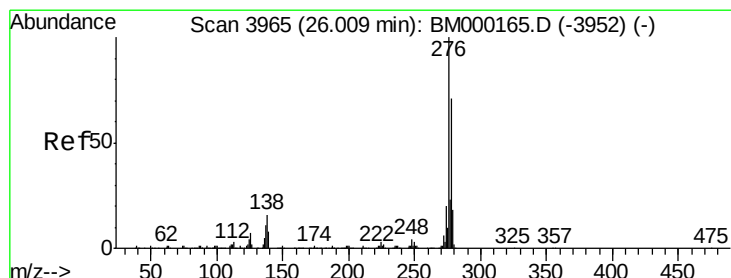
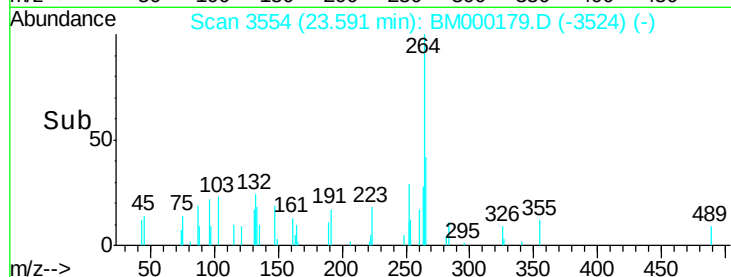
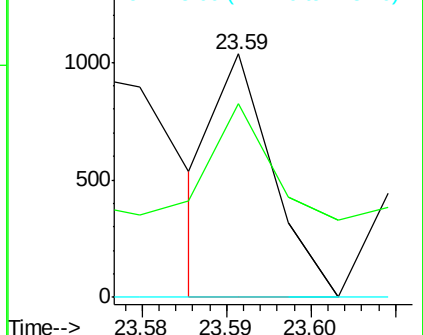
125 0.0 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

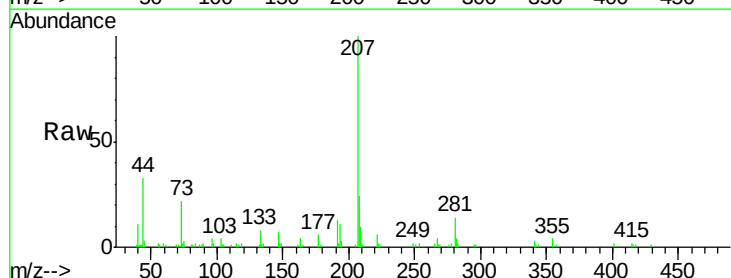
Tgt Ion: 276 Resp: 192

Ion Ratio Lower Upper

276 100

138 0.0 14.2 21.2#

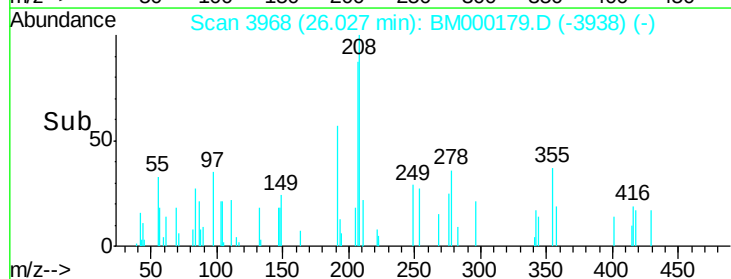
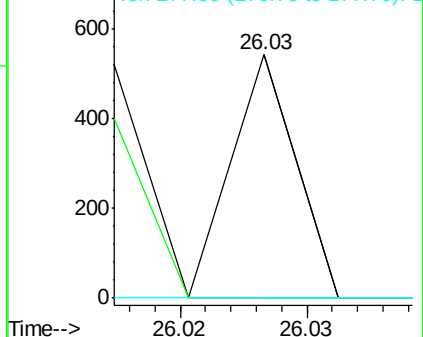
277 0.0 18.8 28.2#

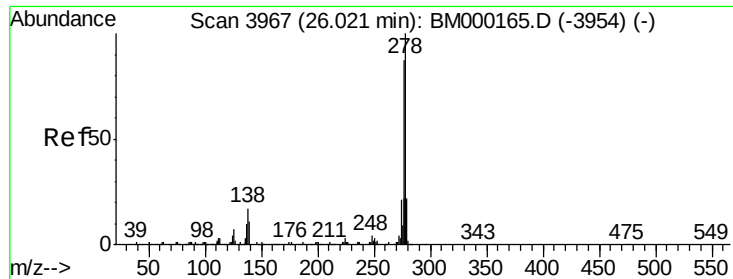


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

Instrument :

BNA_M

ClientSampled :

C0AN9

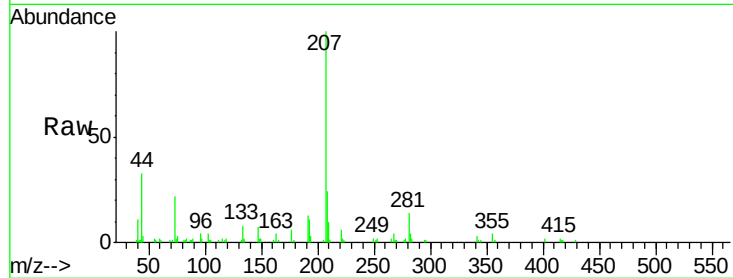
Tgt Ion:278 Resp: 1131

Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

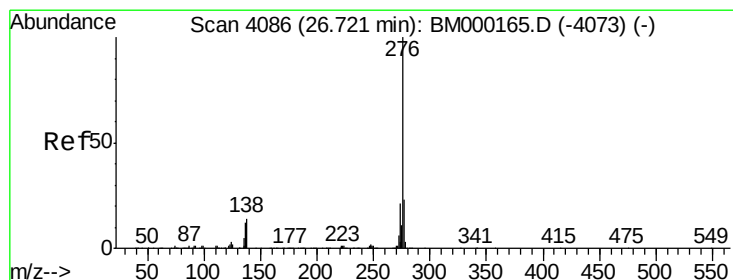
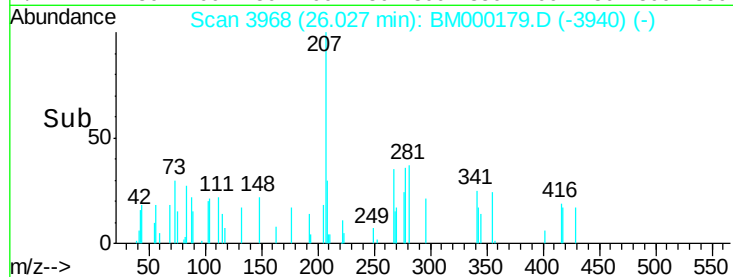
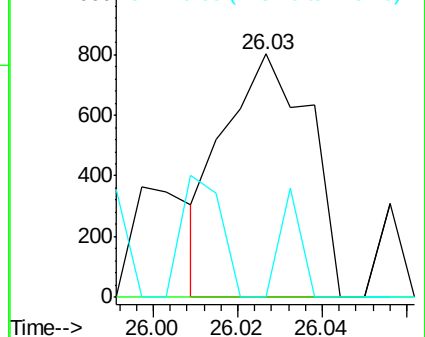
279 0.0 19.2 28.8#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.74 min Scan# 4089

Delta R.T. -0.03 min

Lab File: BM000179.D

Acq: 13 Jan 2015 21:47

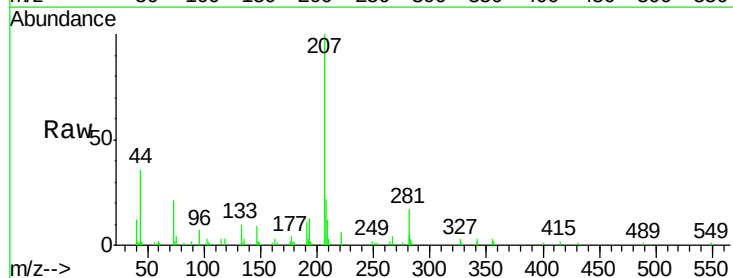
Tgt Ion:276 Resp: 242

Ion Ratio Lower Upper

276 100

138 0.0 12.1 18.1#

277 0.0 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

