

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000170.D
 Acq On : 13 Jan 2015 15:52
 Operator : TP/IZ
 Sample : G1063-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL8

Quant Time: Jan 14 12:57:02 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	117020	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	474319	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.46	164	321625	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.21	188	649946	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	710637	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	675339	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	74893	37.11	ng/uL	-0.03
5) Phenol-d5	6.99	99	54764	5.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	179869	28.91	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	163956	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	102837	13.13	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	102141	31.14	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	107363	32.06	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	195352	26.41	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	11734	1.40	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	779073	32.84	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	875426	30.80	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.66	143	13926	3.61	ng/ul	0.00
57) Fluorene-d10	15.46	176	658194	32.31	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	84492	27.43	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1035999	34.47	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1151953	35.14	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.54	264	1030886	33.63	ng/ul	-0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	11352	4.06 ng/uL	98
6) Phenol	7.02	94	5633	0.54 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.25	93	786	0.10 ng/ul#	58
12) 2,2'-oxybis(1-Chloropropan	8.52	45	435	0.03 ng/ul#	70
14) Acetophenone	8.65	105	151	0.01 ng/ul#	17
15) N-Nitroso-di-n-propylamine	8.53	70	3382	0.47 ng/ul#	1
20) Nitrobenzene	8.99	77	1060	0.11 ng/ul#	43
21) Isophorone	9.70	82	15592	0.83 ng/ul#	75
28) Naphthalene	10.67	128	4615	0.19 ng/ul#	89
30) 4-Chloroaniline	10.68	127	249	0.03 ng/ul#	42
34) 2-Methylnaphthalene	12.29	142	822	0.05 ng/ul	85
44) Dimethylphthalate	13.92	163	12158	0.51 ng/ul	97
45) 2,6-Dinitrotoluene	13.87	165	6038	1.43 ng/ul#	25
56) Diethylphthalate	15.28	149	2329	0.09 ng/ul#	59
58) Fluorene	15.52	166	270	0.01 ng/ul#	10
60) 4-Nitroaniline	15.57	138	255	0.05 ng/ul#	1
64) N-Nitrosodiphenylamine	15.58	169	335	0.02 ng/ul#	12
69) Phenanthrene	17.25	178	1760	0.05 ng/ul#	61
71) Anthracene	17.32	178	300	0.01 ng/ul#	1
72) Carbazole	17.62	167	895	0.03 ng/ul#	60
73) Di-n-butylphthalate	18.17	149	2539	0.07 ng/ul#	78
74) Fluoranthene	19.26	202	643	0.02 ng/ul#	80
77) Pyrene	19.63	202	734	0.02 ng/ul#	78

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AL8

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

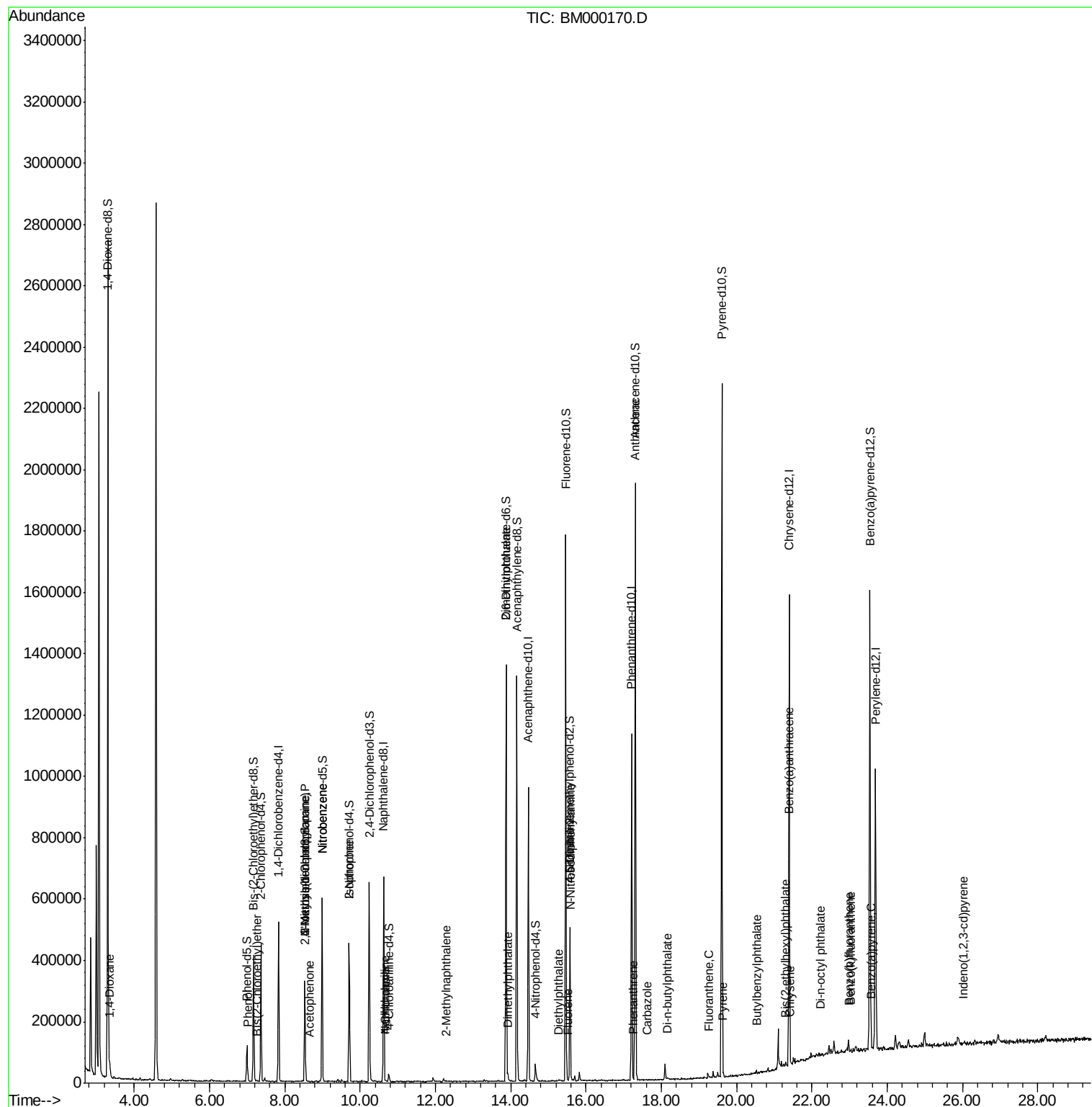
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Butylbenzylphthalate	20.53	149	880	0.05	ng/ul#	83
80) Benzo(a)anthracene	21.37	228	746	0.02	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	3617	0.14	ng/ul#	96
82) Chrysene	21.43	228	1005	0.03	ng/ul#	51
84) Di-n-octyl phthalate	22.21	149	606	0.01	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	851	0.02	ng/ul#	28
86) Benzo(k)fluoranthene	23.03	252	672	0.02	ng/ul#	36
88) Benzo(a)pyrene	23.59	252	372	0.01	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.01	276	176	0.00	ng/ul#	55

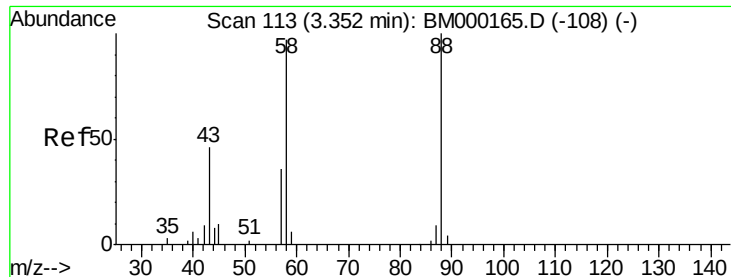
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.06 ng/uL

RT: 3.35 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

C0AL8

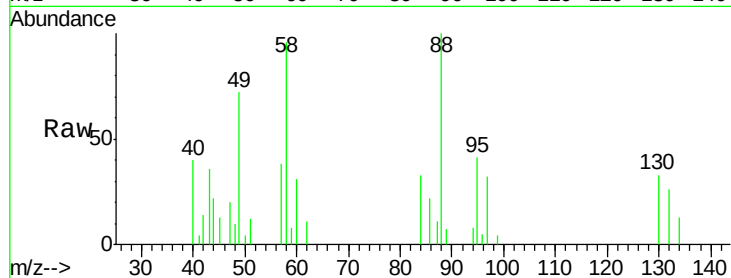
Tgt Ion: 88 Resp: 11352

Ion Ratio Lower Upper

88 100

43 43.2 34.9 52.3

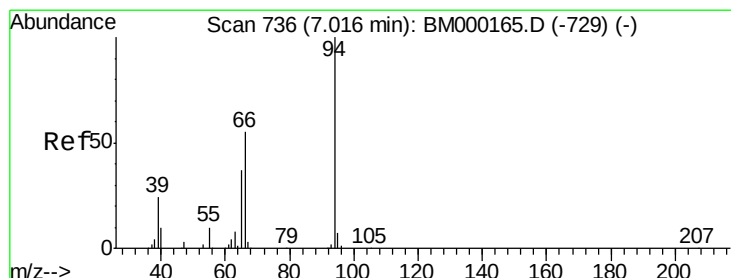
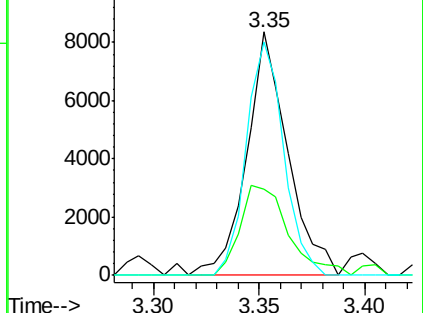
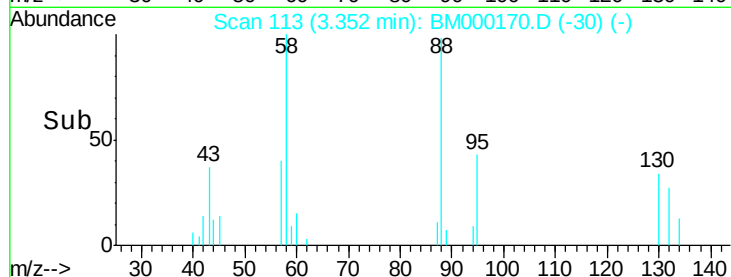
58 86.9 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000170.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM000170.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM000170.D (-30) (-)



#6

Phenol

Concen: 0.54 ng/uL

RT: 7.02 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

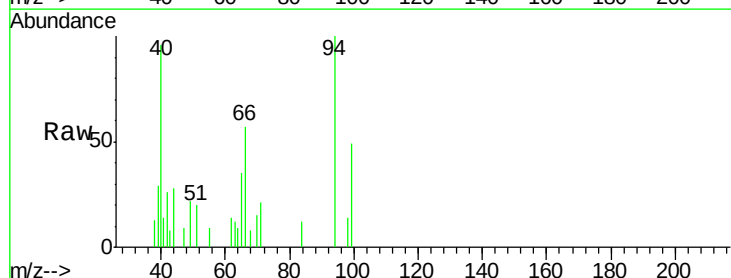
Tgt Ion: 94 Resp: 5633

Ion Ratio Lower Upper

94 100

65 34.6 27.4 41.0

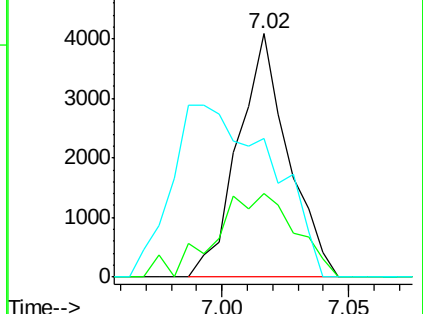
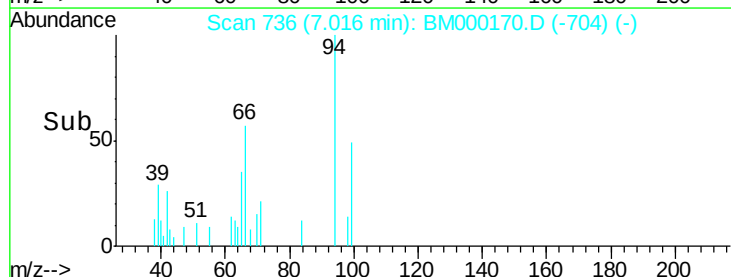
66 57.2 42.5 63.7

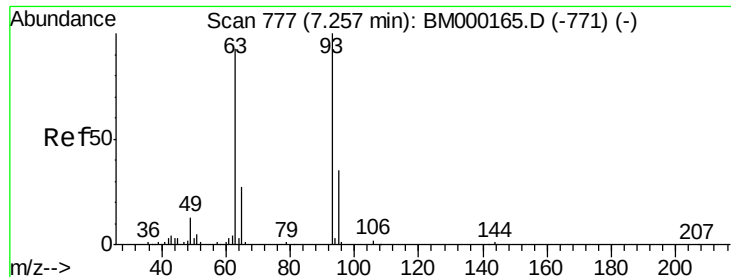


Abundance Ion 94.00 (93.70 to 94.70): BM000170.D (-704) (-)

Ion 65.00 (64.70 to 65.70): BM000170.D (-704) (-)

Ion 66.00 (65.70 to 66.70): BM000170.D (-704) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 0.10 ng/ul

RT: 7.25 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampled :

C0AL8

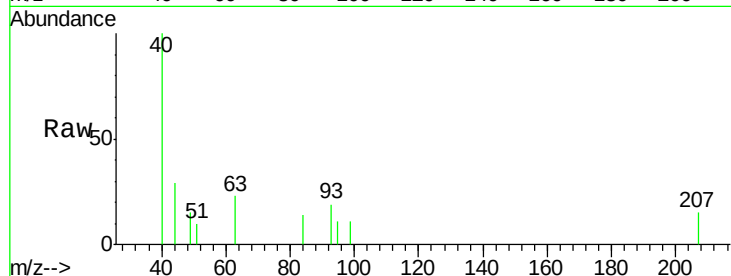
Tgt Ion: 93 Resp: 786

Ion Ratio Lower Upper

93 100

63 122.1 68.9 103.3#

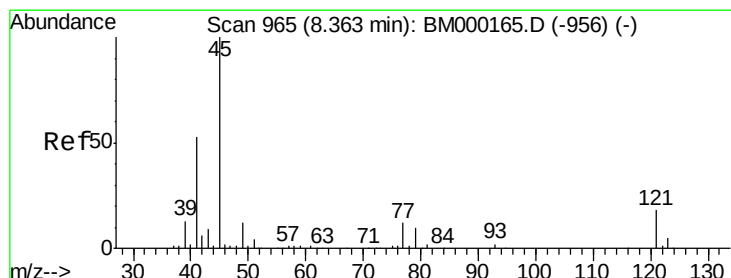
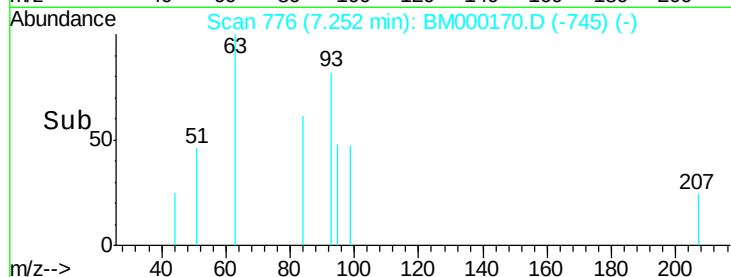
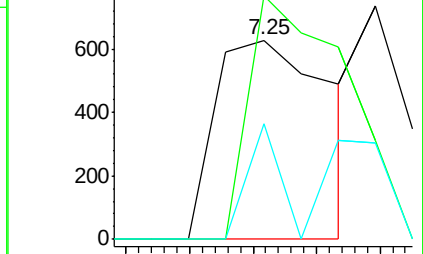
95 58.3 24.6 37.0#



Abundance Ion 93.00 (92.70 to 93.70): BM000165.D (-771) (-)

Ion 63.00 (62.70 to 63.70): BM000165.D (-771) (-)

Ion 95.00 (94.70 to 95.70): BM000165.D (-771) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng/ul

RT: 8.52 min Scan# 991

Delta R.T. 0.14 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

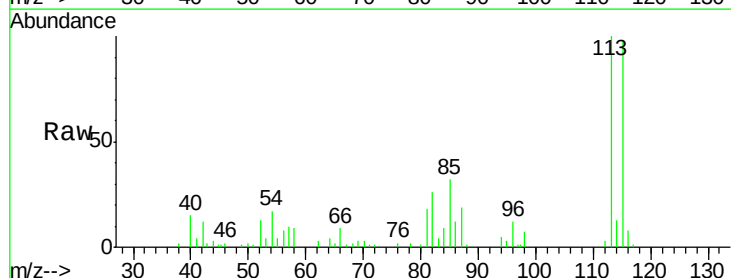
Tgt Ion: 45 Resp: 435

Ion Ratio Lower Upper

45 100

77 0.0 9.9 14.9#

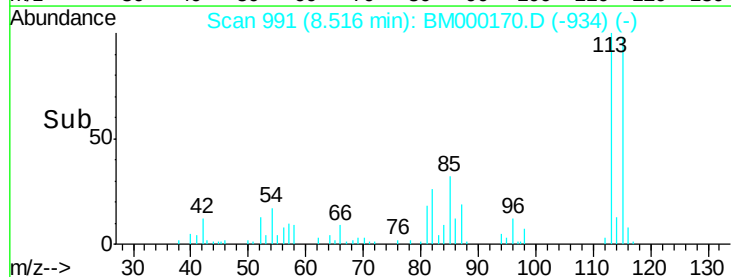
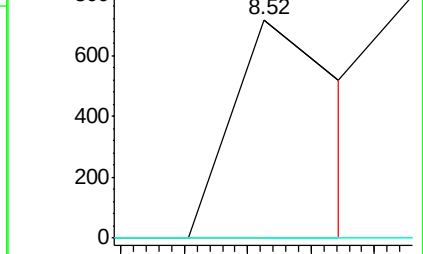
79 0.0 8.3 12.5#

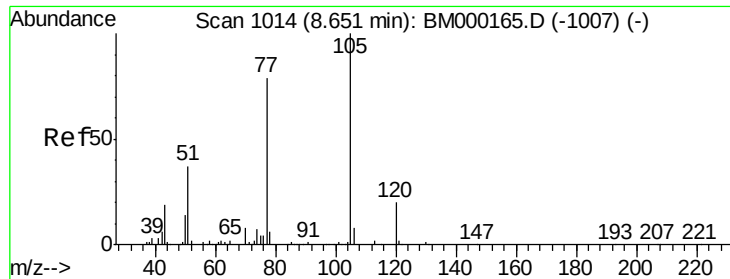


Abundance Ion 45.00 (44.70 to 45.70): BM000165.D (-956) (-)

Ion 77.00 (76.70 to 77.70): BM000165.D (-956) (-)

Ion 79.00 (78.70 to 79.70): BM000165.D (-956) (-)

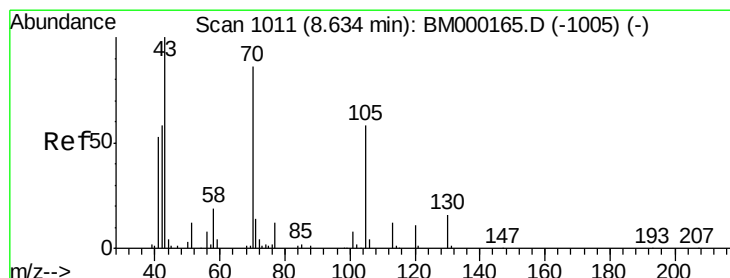
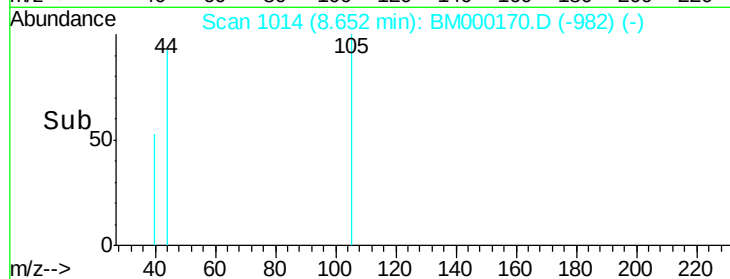
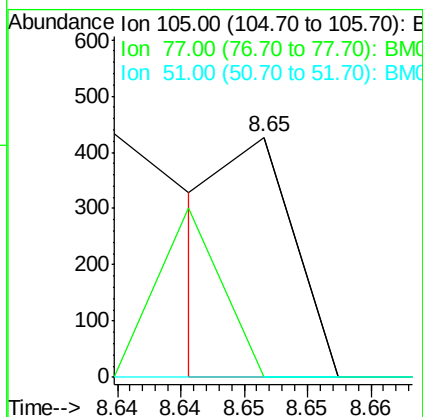
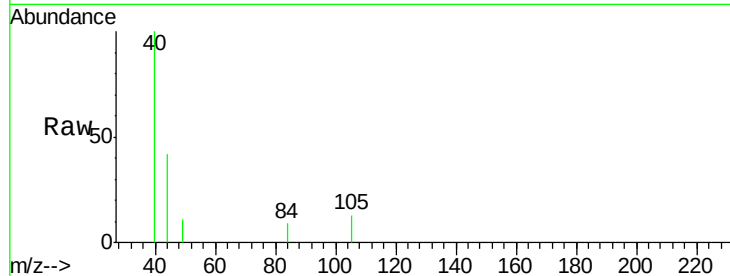




#14
Acetophenone
Concen: 0.01 ng/ul
RT: 8.65 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

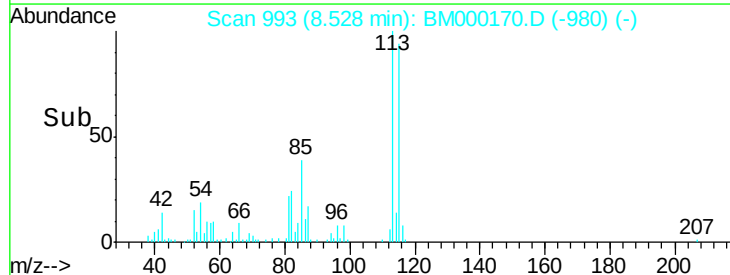
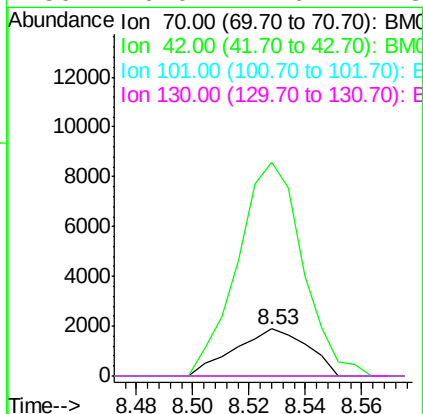
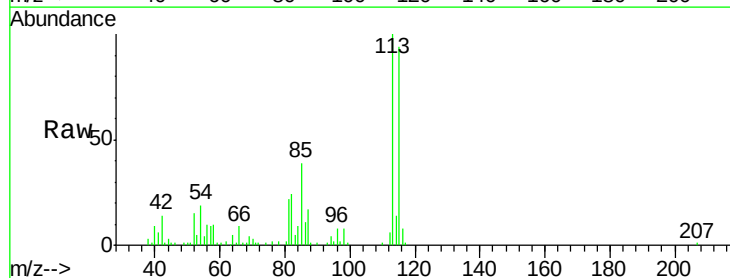
Instrument :
BNA_M
ClientSampleId :
C0AL8

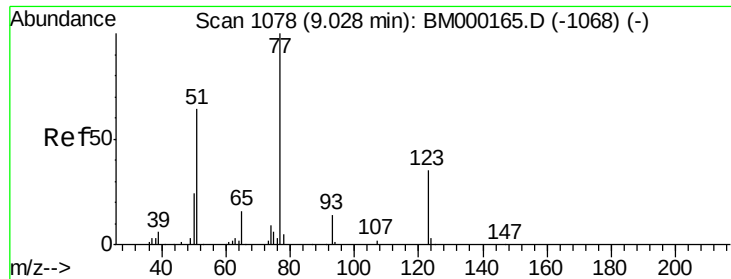
Tgt Ion	Ratio	Lower	Upper
105	100		
77	0.0	66.3	99.5#
51	0.0	26.5	39.7#



#15
N-Nitroso-di-n-propylamine
Concen: 0.47 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. -0.13 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

Tgt Ion	Ratio	Lower	Upper
70	100		
42	455.5	46.4	69.6#
101	0.0	7.8	11.8#
130	0.0	14.6	21.8#

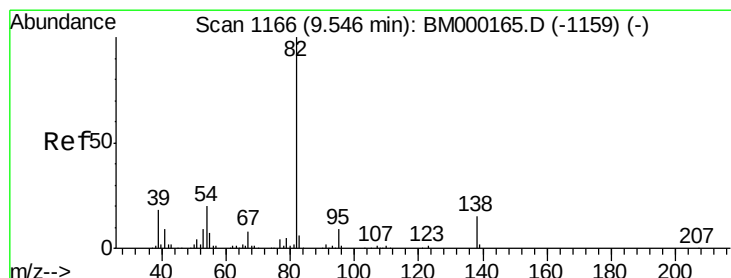
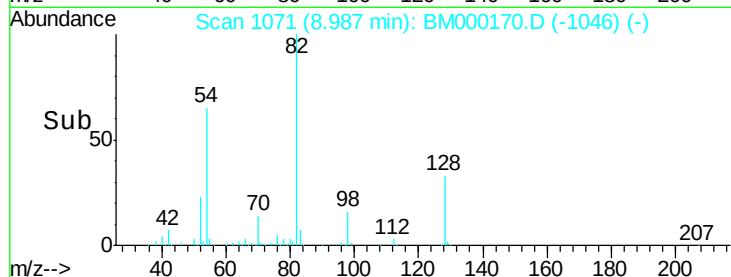
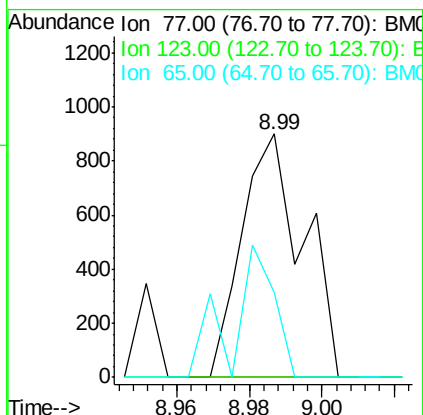
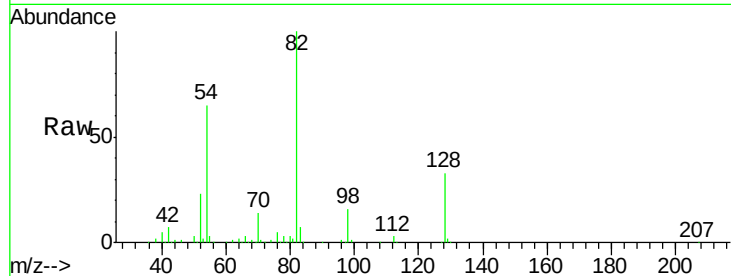




#20
Nitrobenzene
Concen: 0.11 ng/ul
RT: 8.99 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

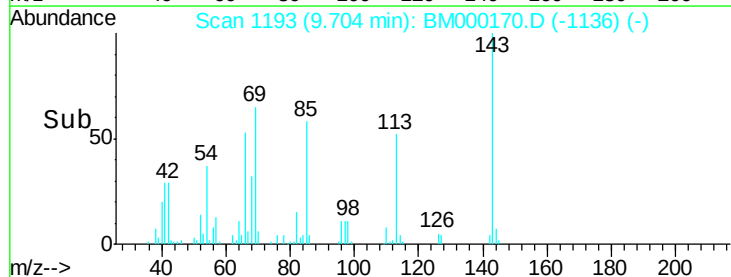
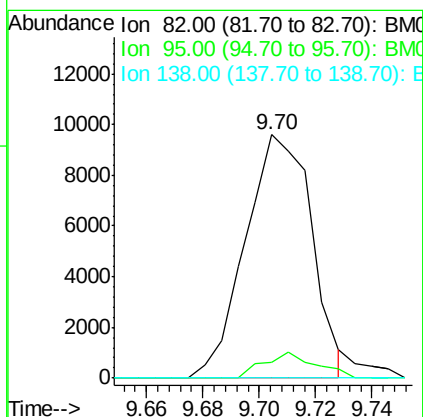
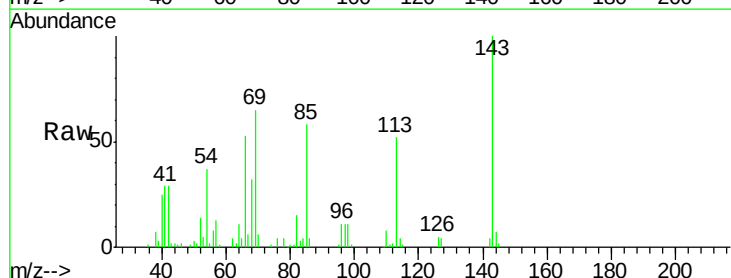
Instrument :
BNA_M
ClientSampled :
C0AL8

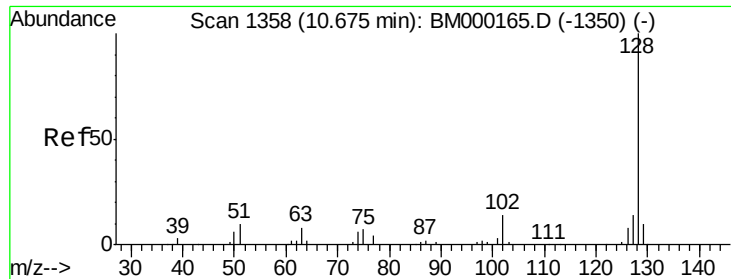
Tgt Ion: 77 Resp: 1060
Ion Ratio Lower Upper
77 100
123 0.0 29.2 43.8#
65 35.0 12.4 18.6#



#21
Isophorone
Concen: 0.83 ng/ul
RT: 9.70 min Scan# 1193
Delta R.T. 0.14 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

Tgt Ion: 82 Resp: 15592
Ion Ratio Lower Upper
82 100
95 6.6 6.9 10.3#
138 0.0 12.1 18.1#





#28

Naphthalene

Concen: 0.19 ng/ul

RT: 10.67 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

COAL8

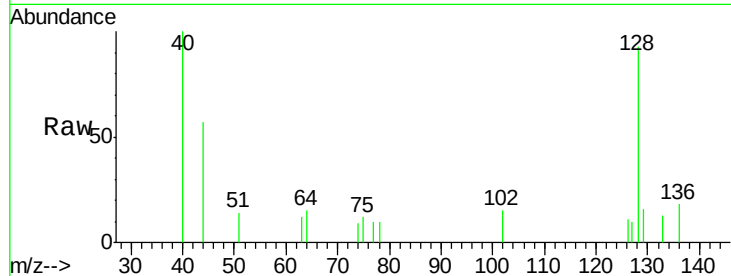
Tgt Ion:128 Resp: 4615

Ion Ratio Lower Upper

128 100

129 16.9 8.6 13.0#

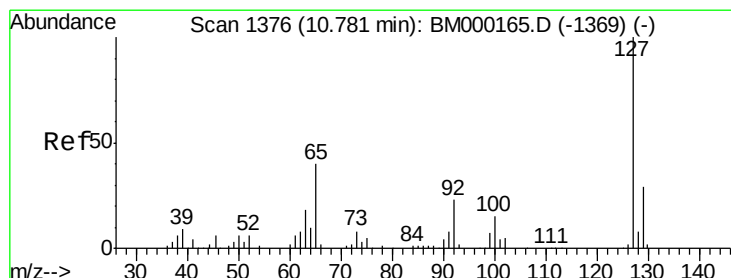
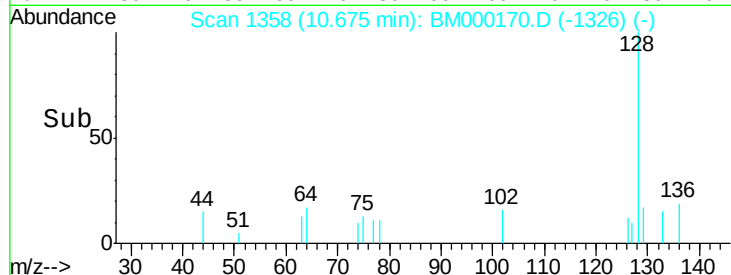
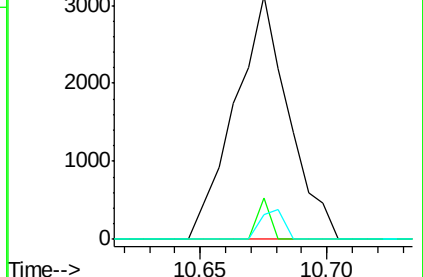
127 10.4 10.3 15.5



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: 0.03 ng/ul

RT: 10.68 min Scan# 1359

Delta R.T. -0.12 min

Lab File: BM000170.D

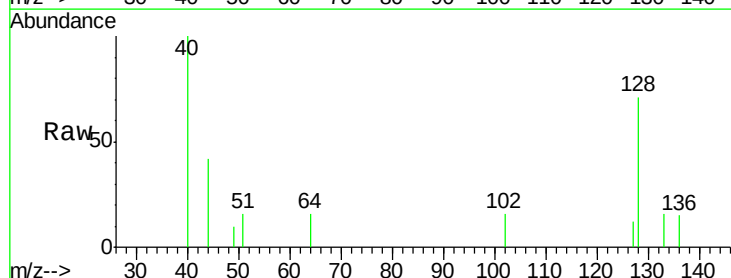
Acq: 13 Jan 2015 15:52

Tgt Ion:127 Resp: 249

Ion Ratio Lower Upper

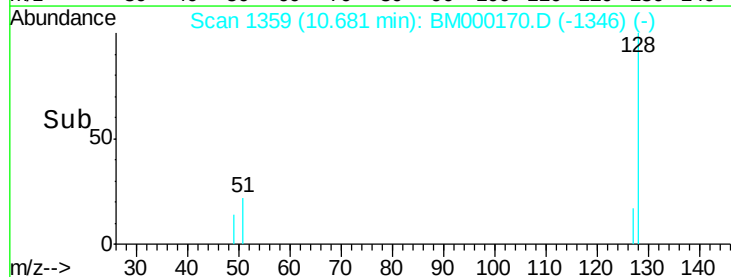
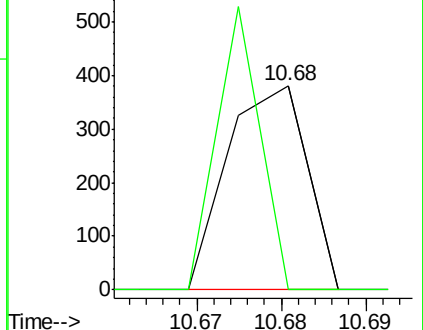
127 100

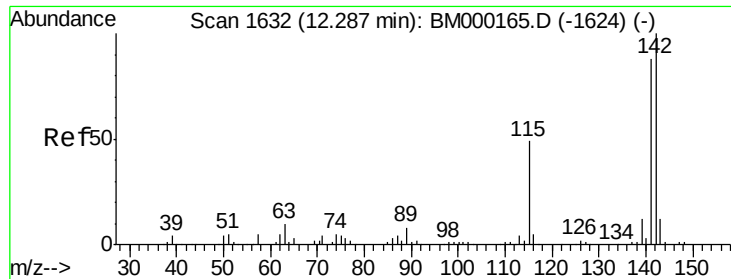
129 0.0 26.5 39.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

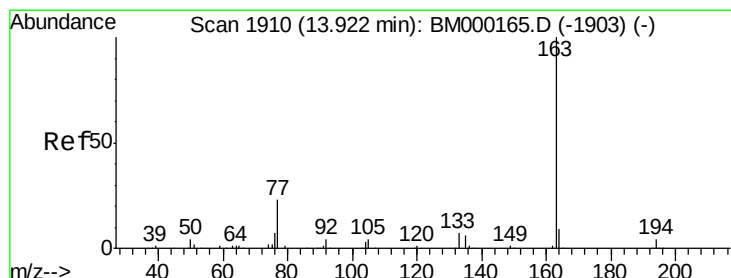
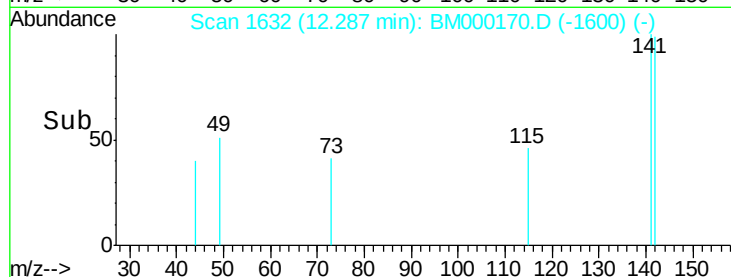
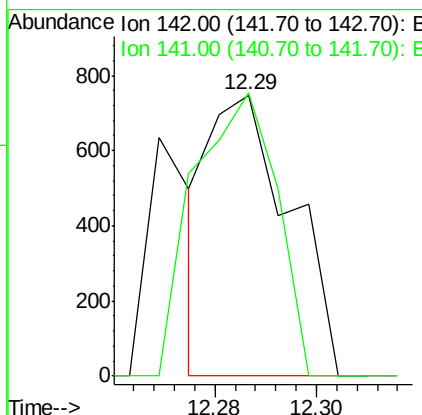
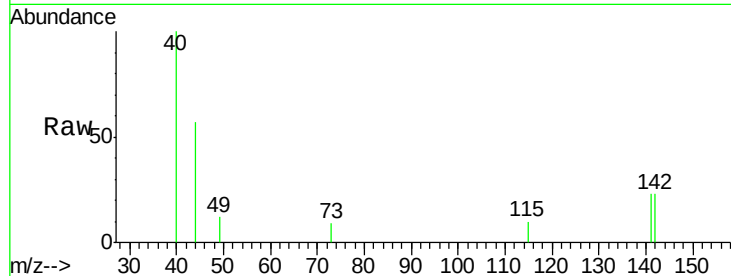




#34
 2-Methylnaphthalene
 Concen: 0.05 ng/ul
 RT: 12.29 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM000170.D
 Acq: 13 Jan 2015 15:52

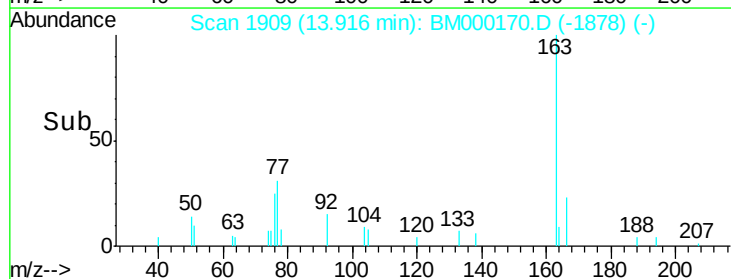
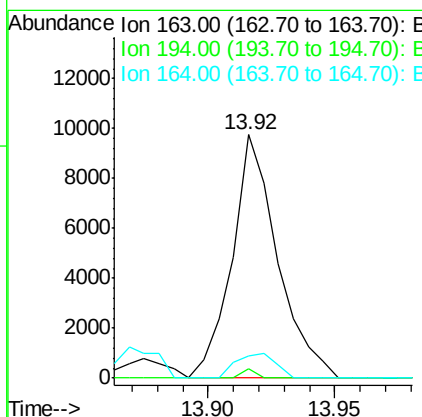
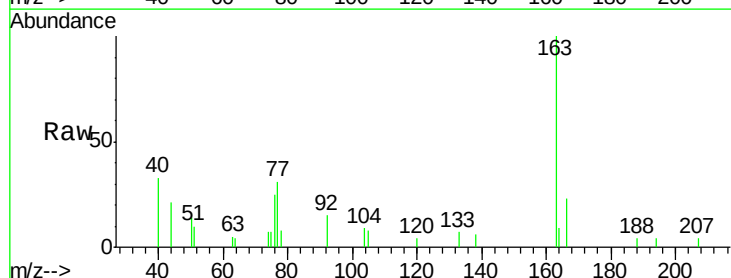
Instrument :
 BNA_M
 ClientSampleId :
 C0AL8

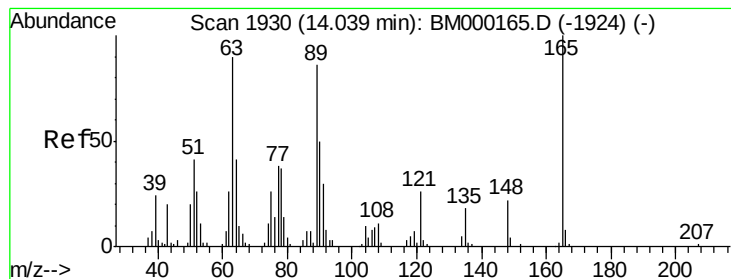
Tgt Ion:142 Resp: 822
 Ion Ratio Lower Upper
 142 100
 141 100.5 69.3 103.9



#44
 Dimethylphthalate
 Concen: 0.51 ng/ul
 RT: 13.92 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BM000170.D
 Acq: 13 Jan 2015 15:52

Tgt Ion:163 Resp: 12158
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 9.1 8.5 12.7





#45

2,6-Dinitrotoluene

Concen: 1.43 ng/ul

RT: 13.87 min Scan# 1902

Delta R.T. -0.18 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampled :

COAL8

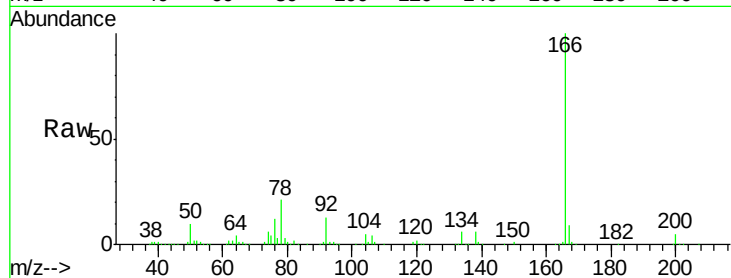
Tgt Ion:165 Resp: 6038

Ion Ratio Lower Upper

165 100

89 0.0 54.4 81.6#

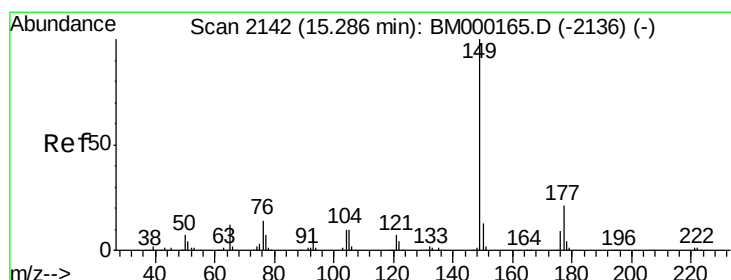
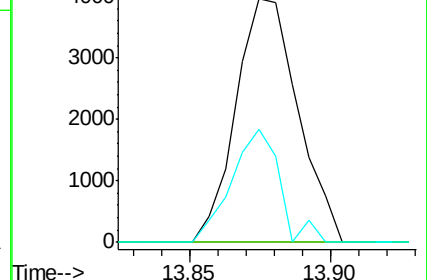
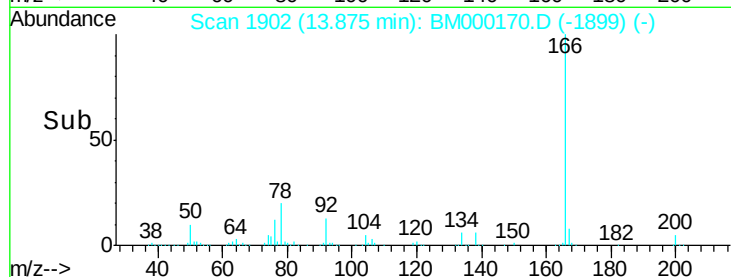
121 46.3 18.6 28.0#



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: 0.09 ng/ul

RT: 15.28 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

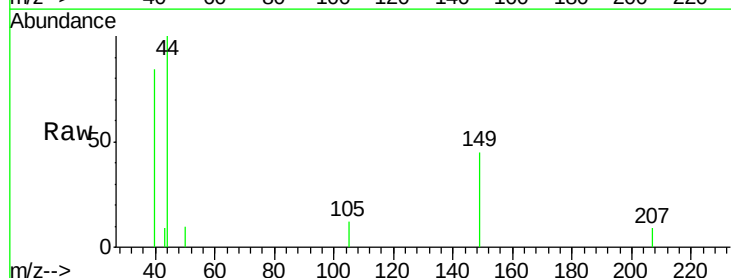
Tgt Ion:149 Resp: 2329

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

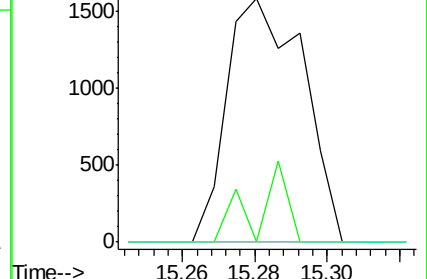
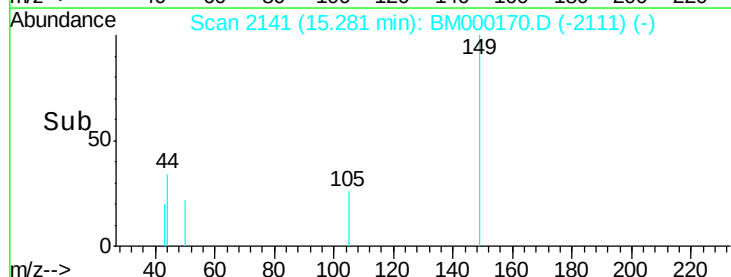
150 0.0 10.5 15.7#

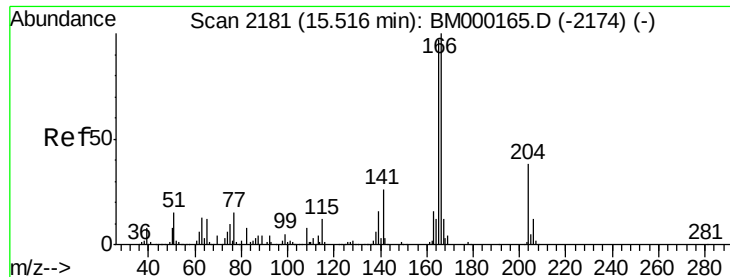


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 0.01 ng/ul

RT: 15.52 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampled :

COAL8

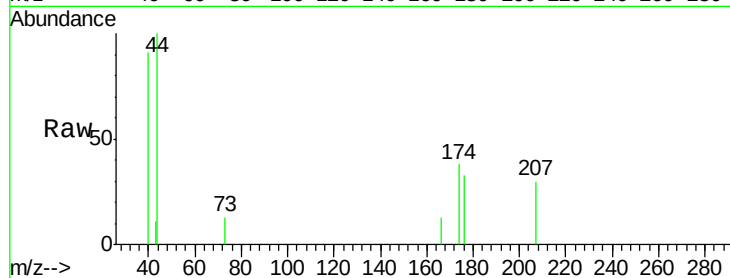
Tgt Ion:166 Resp: 270

Ion Ratio Lower Upper

166 100

165 0.0 76.0 114.0#

167 0.0 10.2 15.4#

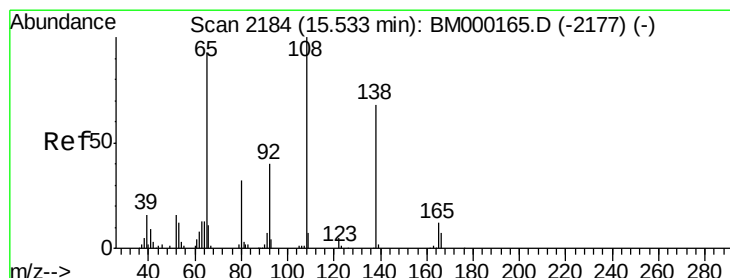
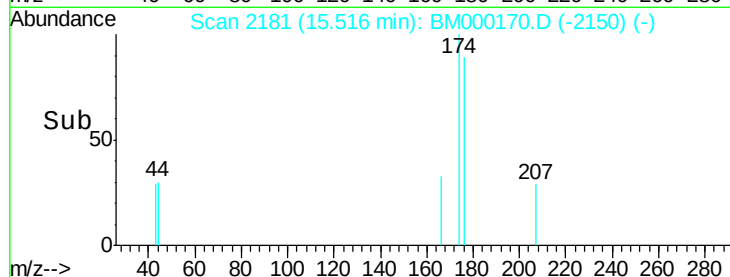
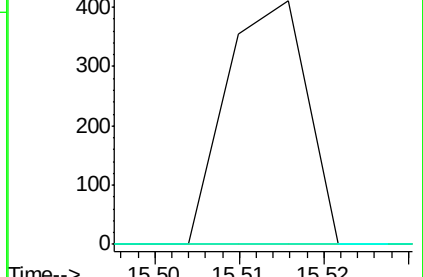


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.52



#60

4-Nitroaniline

Concen: 0.05 ng/ul

RT: 15.57 min Scan# 2191

Delta R.T. 0.03 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

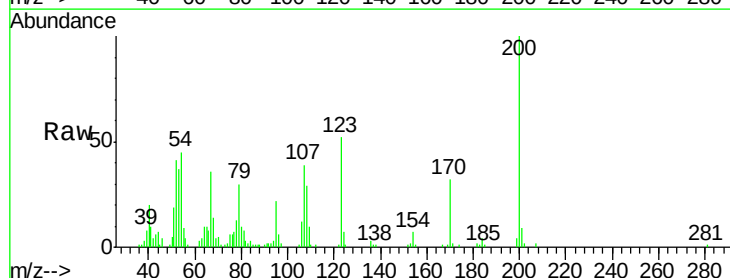
Tgt Ion:138 Resp: 255

Ion Ratio Lower Upper

138 100

92 233.8 49.3 73.9#

108 4241.8 110.3 165.5#

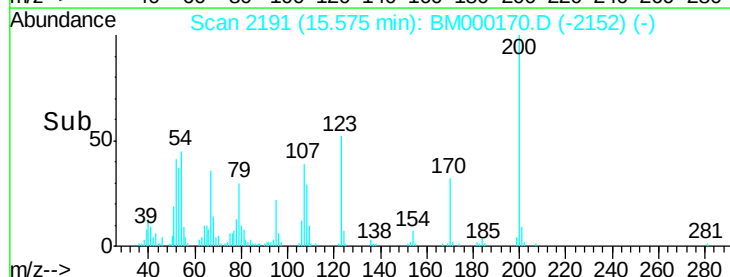
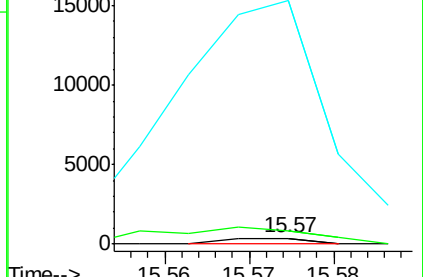


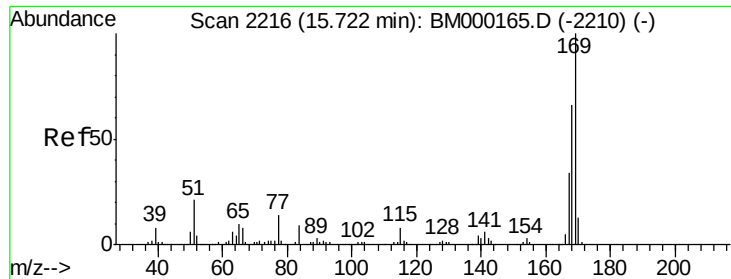
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

15.57





#64

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.58 min Scan# 2192

Delta R.T. -0.16 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

C0AL8

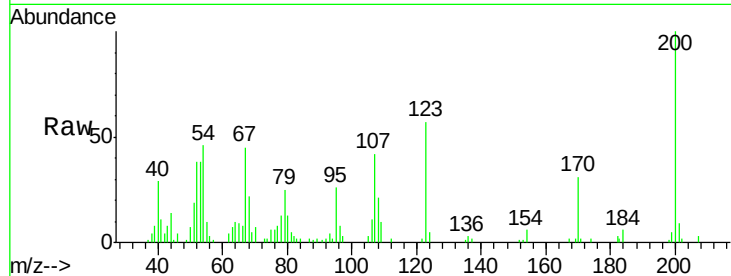
Tgt Ion:169 Resp: 335

Ion Ratio Lower Upper

169 100

168 0.0 51.8 77.6#

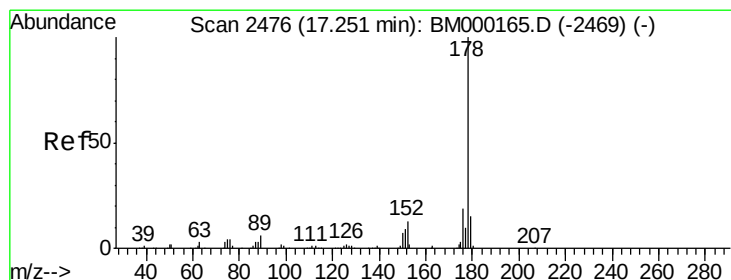
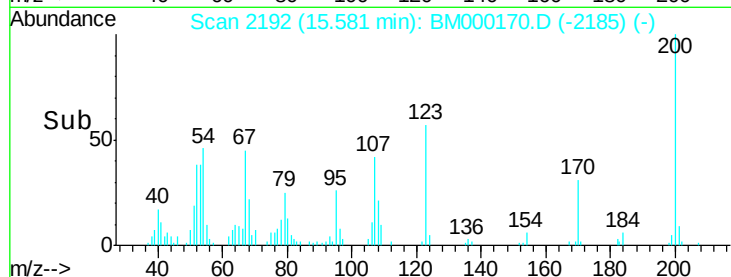
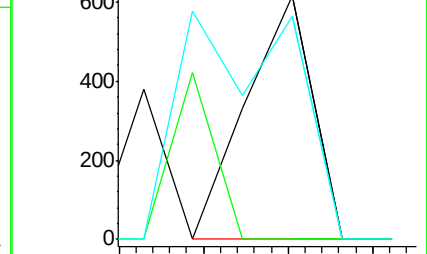
167 91.7 28.1 42.1#



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: 0.05 ng/ul

RT: 17.25 min Scan# 2476

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

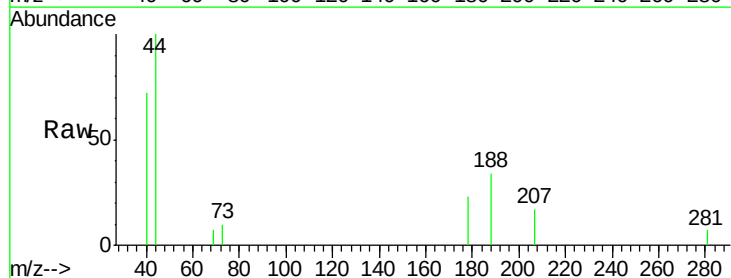
Tgt Ion:178 Resp: 1760

Ion Ratio Lower Upper

178 100

179 0.0 11.6 17.4#

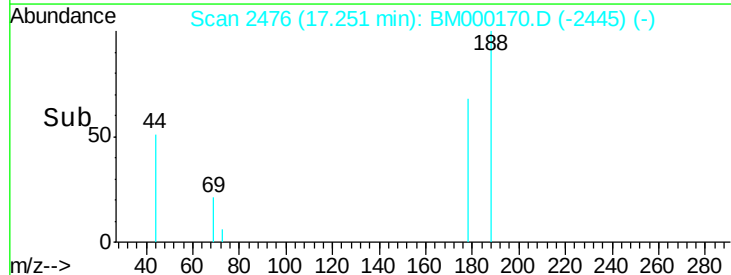
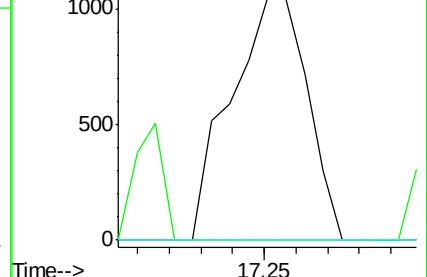
176 0.0 14.6 22.0#

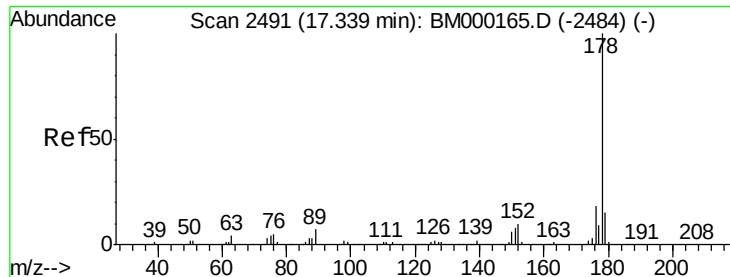


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 0.01 ng/ul

RT: 17.32 min Scan# 2487

Delta R.T. -0.04 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampled :

COAL8

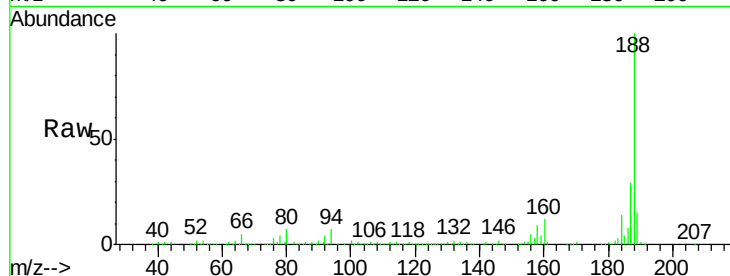
Tgt Ion:178 Resp: 300

Ion Ratio Lower Upper

178 100

179 161.4 12.6 18.8#

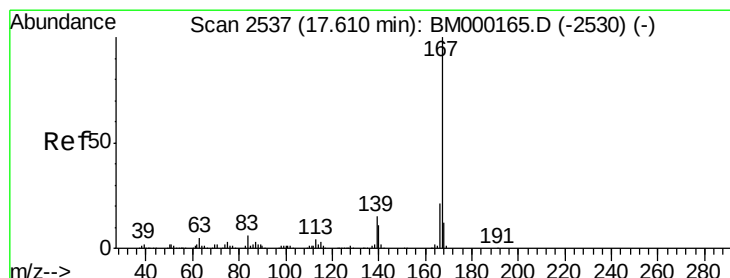
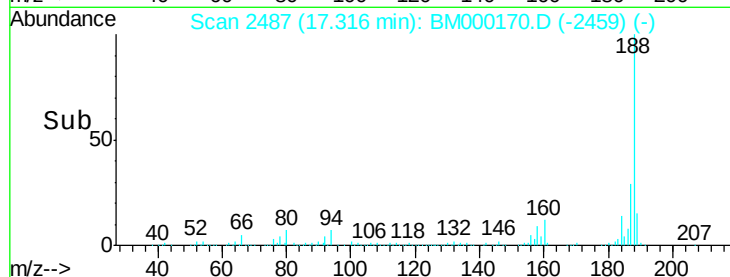
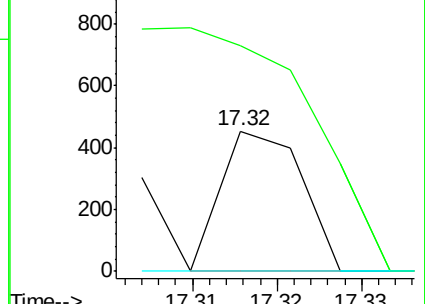
176 0.0 14.6 21.8#



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: 0.03 ng/ul

RT: 17.62 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

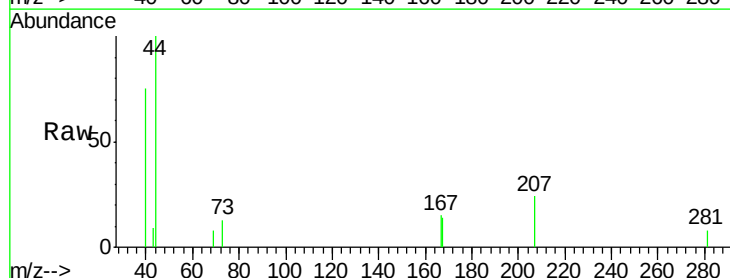
Tgt Ion:167 Resp: 895

Ion Ratio Lower Upper

167 100

166 0.0 16.2 24.4#

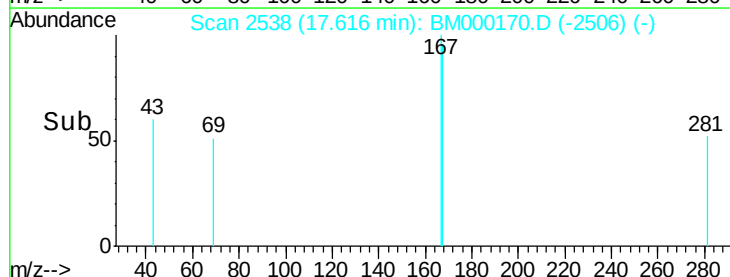
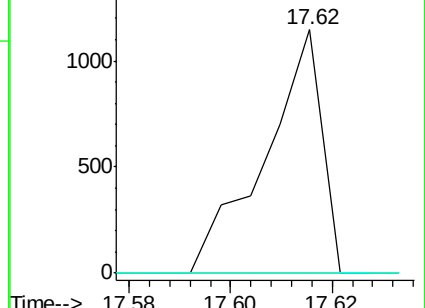
139 0.0 10.7 16.1#

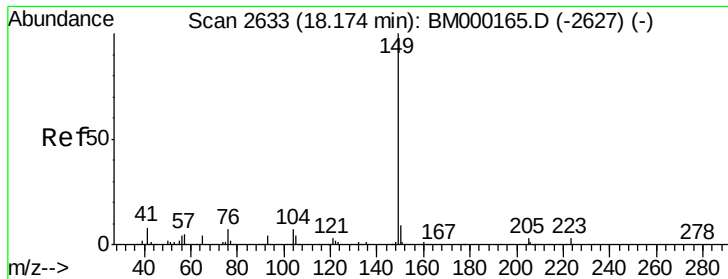


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

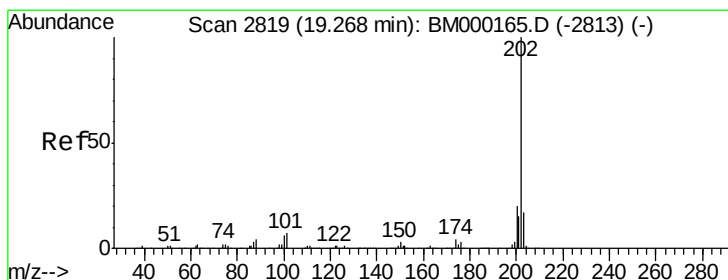
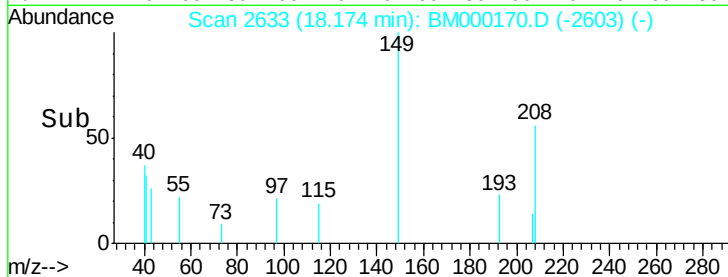
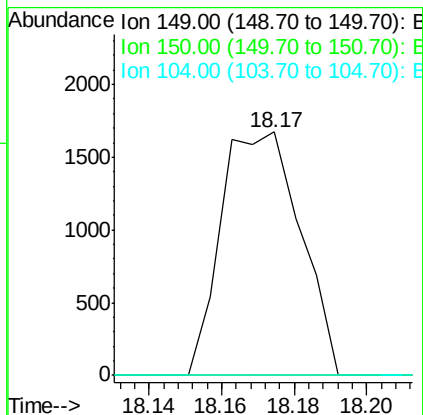
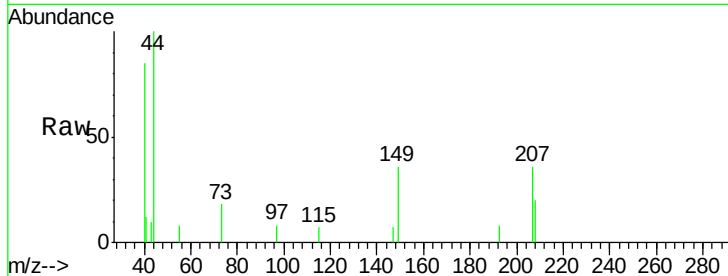




#73
Di-n-butylphthalate
Concen: 0.07 ng/ul
RT: 18.17 min Scan# 2633
Delta R.T. -0.02 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

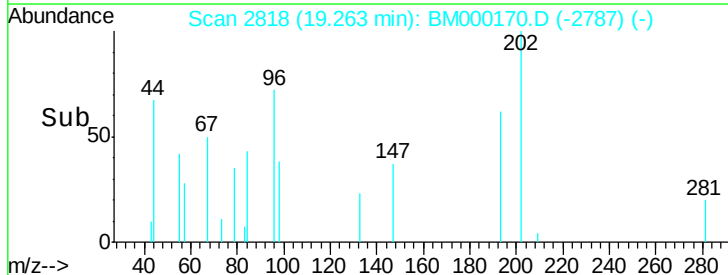
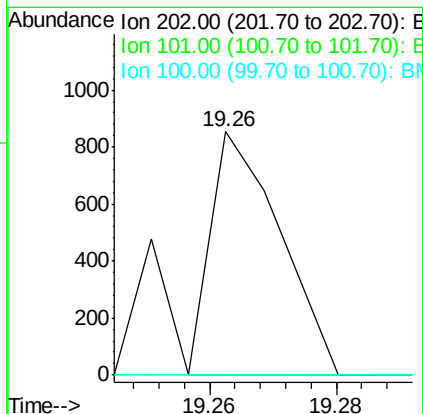
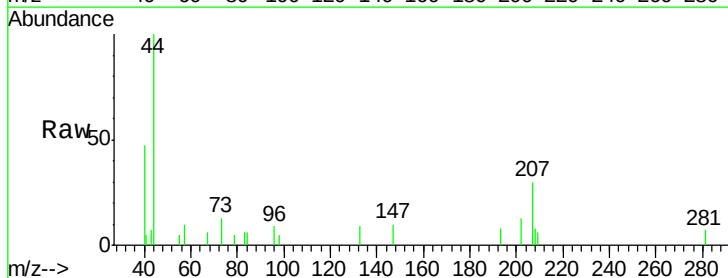
Instrument :
BNA_M
ClientSampleId :
C0AL8

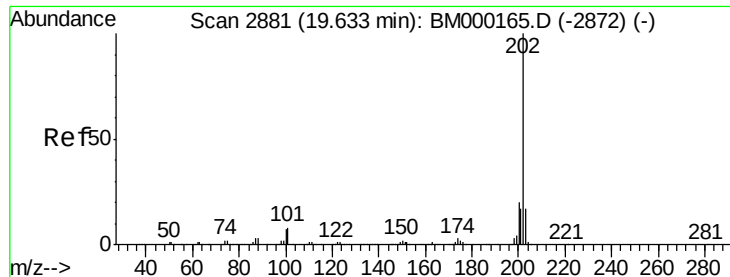
Tgt Ion:149 Resp: 2539
Ion Ratio Lower Upper
149 100
150 0.0 7.1 10.7#
104 0.0 4.8 7.2#



#74
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.26 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BM000170.D
Acq: 13 Jan 2015 15:52

Tgt Ion:202 Resp: 643
Ion Ratio Lower Upper
202 100
101 0.0 6.4 9.6#
100 0.0 4.6 7.0#





#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.63 min Scan# 2881

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

C0AL8

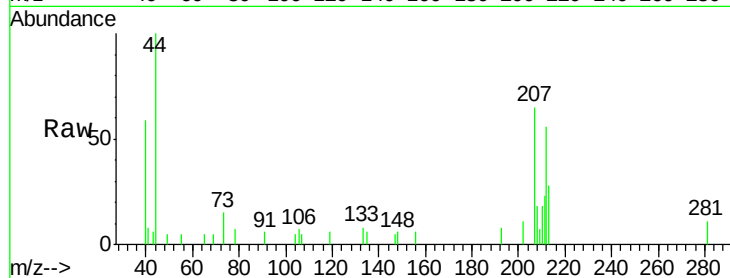
Tgt Ion:202 Resp: 734

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

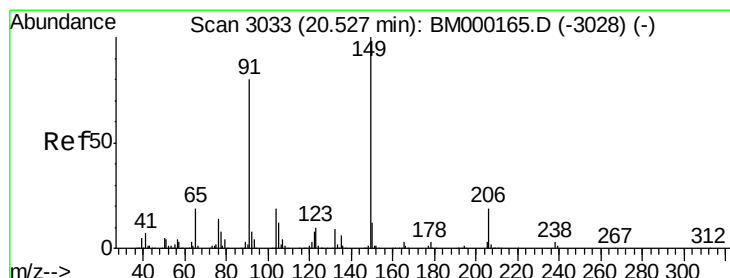
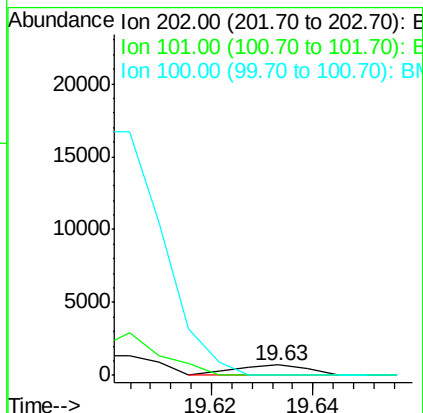
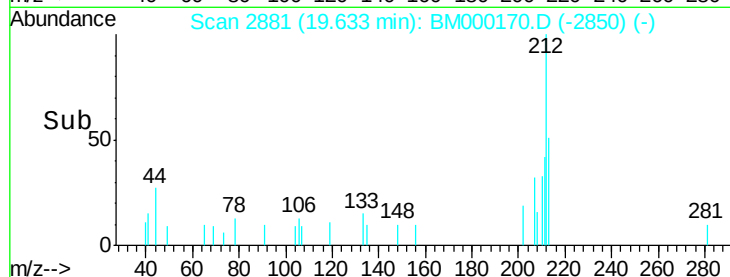
100 0.0 5.5 8.3#



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: 0.05 ng/ul

RT: 20.53 min Scan# 3033

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

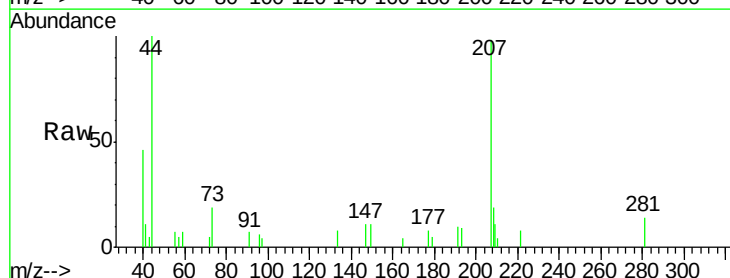
Tgt Ion:149 Resp: 880

Ion Ratio Lower Upper

149 100

91 63.6 56.6 84.8

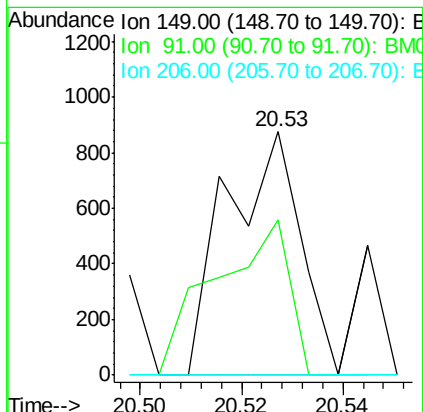
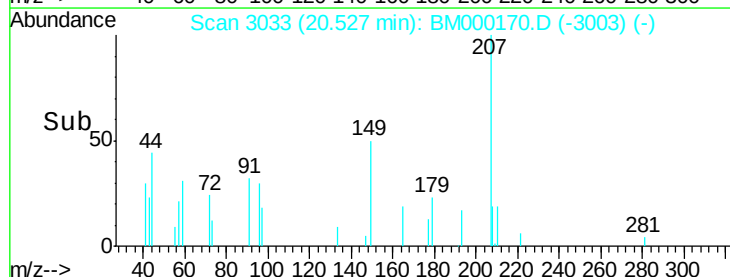
206 0.0 16.8 25.2#

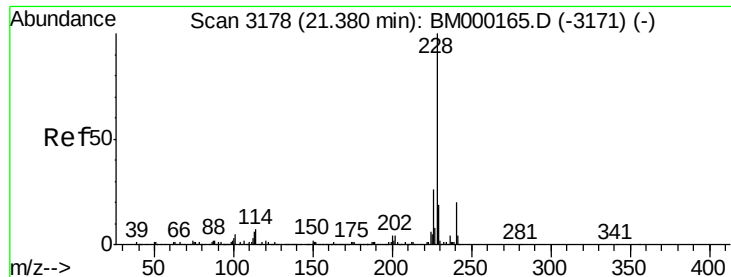


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.37 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

COAL8

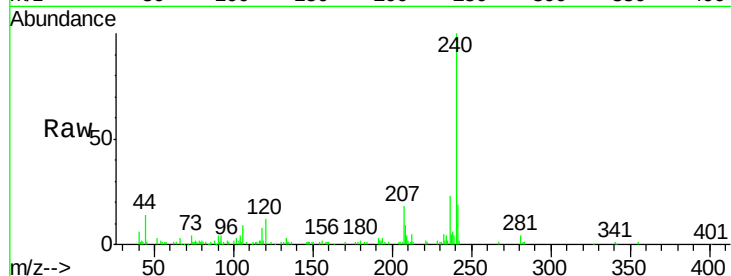
Tgt Ion:228 Resp: 746

Ion Ratio Lower Upper

228 100

229 0.0 15.8 23.8#

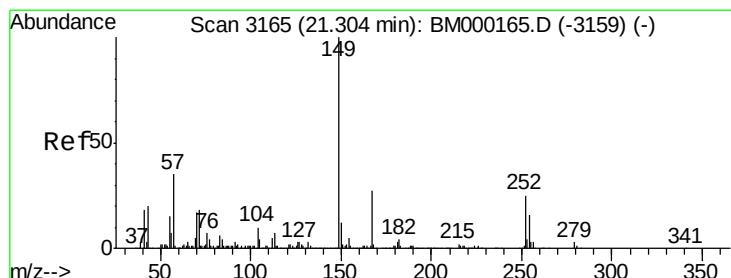
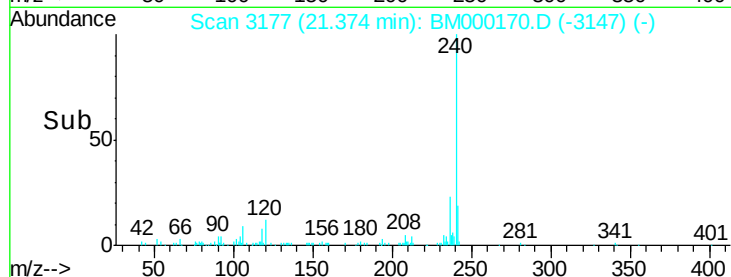
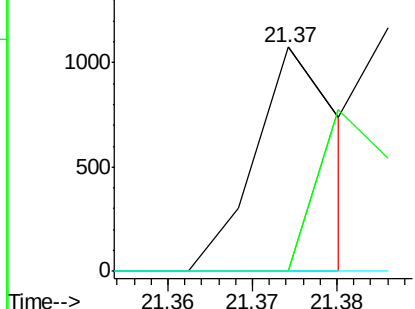
226 0.0 20.7 31.1#



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: 0.14 ng/ul

RT: 21.30 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

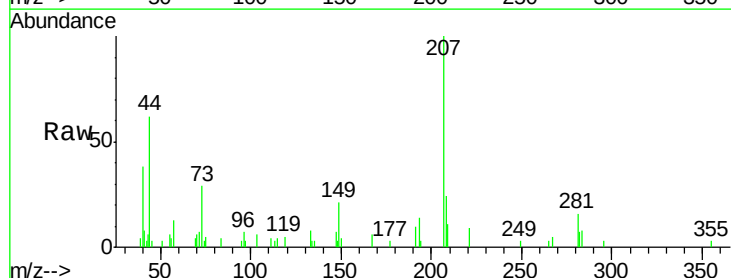
Tgt Ion:149 Resp: 3617

Ion Ratio Lower Upper

149 100

167 26.2 22.1 33.1

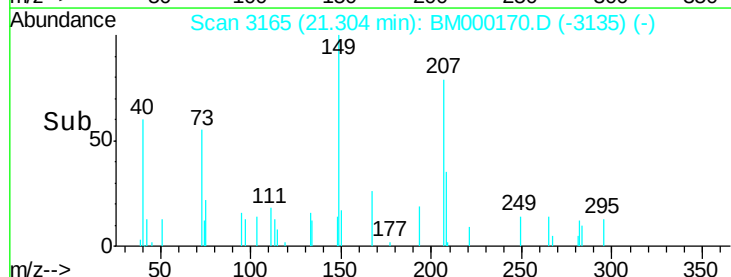
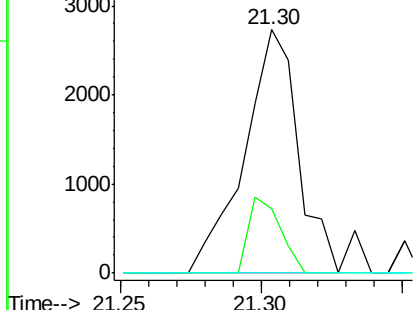
279 0.0 3.0 4.6#

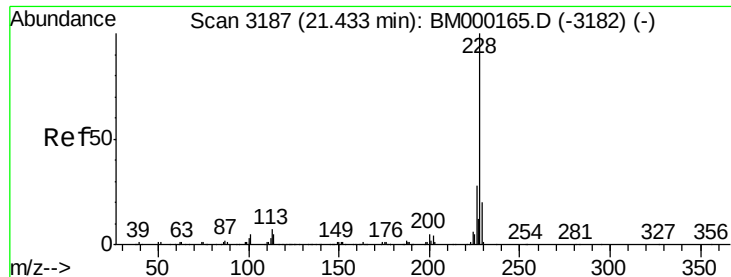


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

COAL8

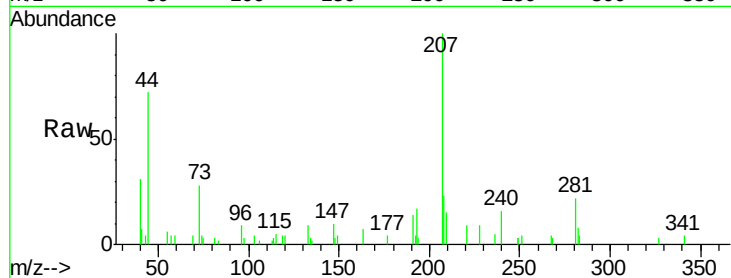
Tgt Ion:228 Resp: 1005

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

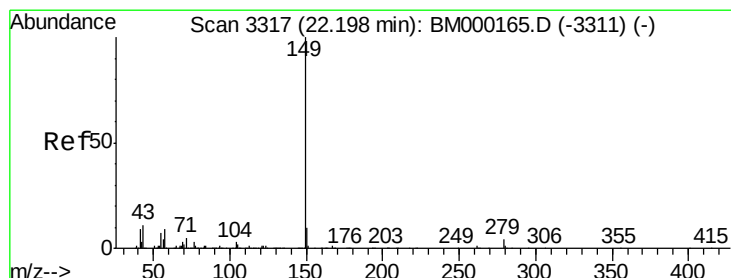
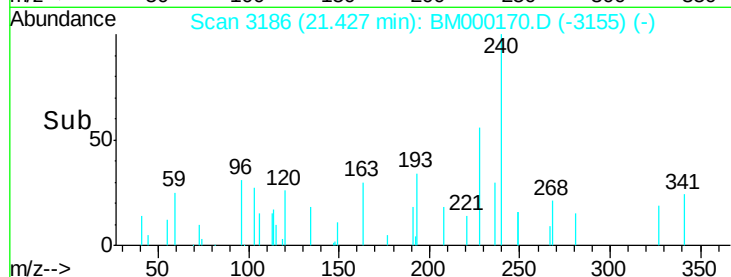
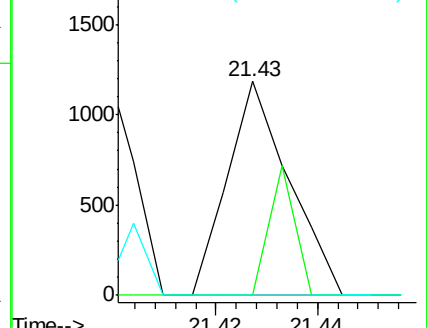
229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

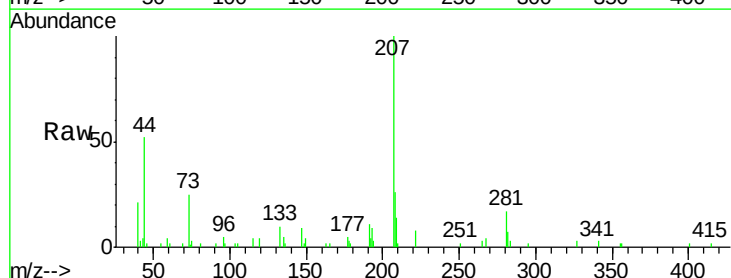
RT: 22.21 min Scan# 3319

Delta R.T. -0.02 min

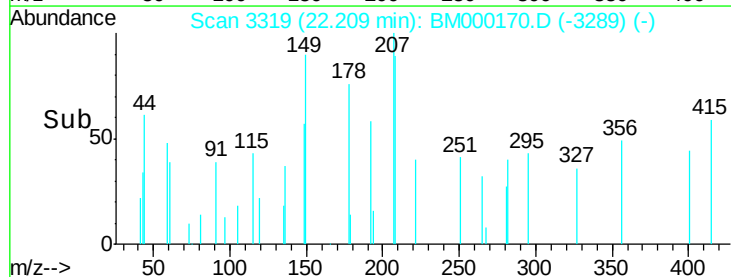
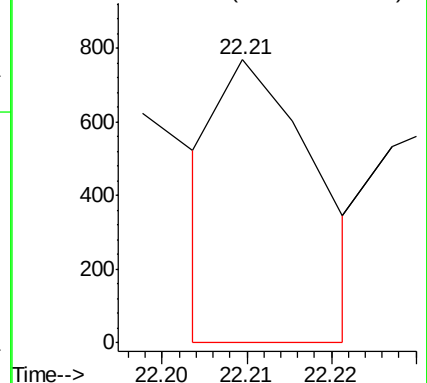
Lab File: BM000170.D

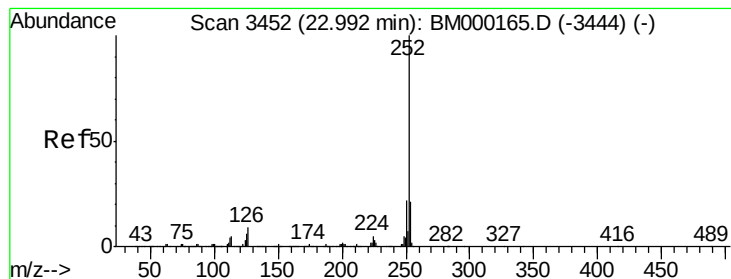
Acq: 13 Jan 2015 15:52

Tgt Ion:149 Resp: 606



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 23.00 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampled :

COAL8

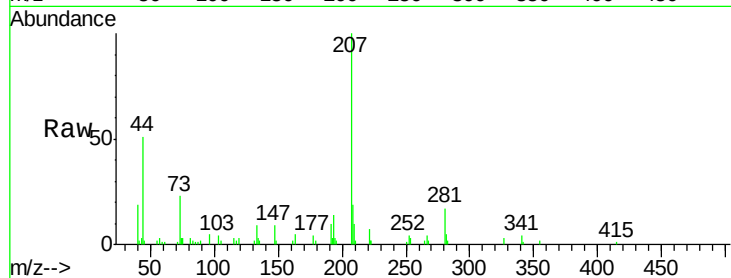
Tgt Ion:252 Resp: 851

Ion Ratio Lower Upper

252 100

253 62.7 17.1 25.7#

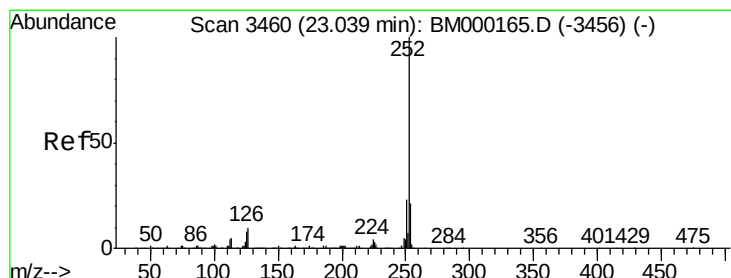
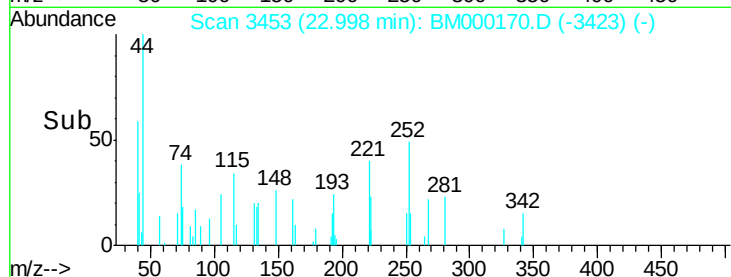
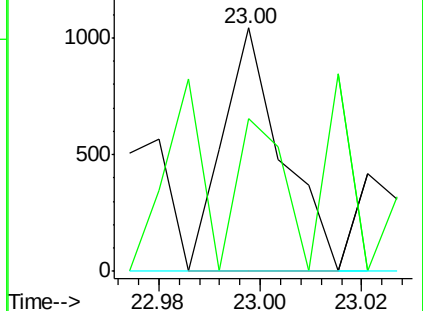
125 0.0 4.8 7.2#



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: 0.02 ng/ul

RT: 23.03 min Scan# 3459

Delta R.T. -0.03 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

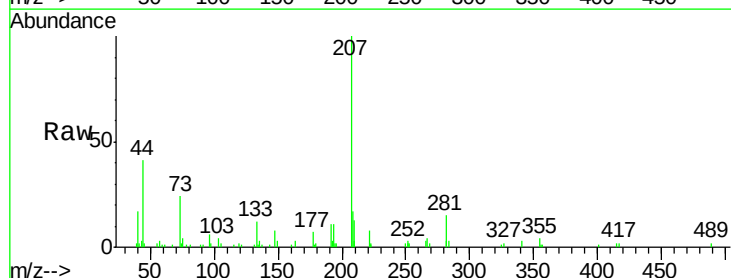
Tgt Ion:252 Resp: 672

Ion Ratio Lower Upper

252 100

253 58.0 17.2 25.8#

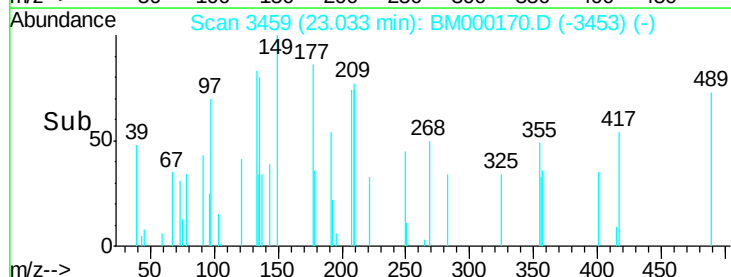
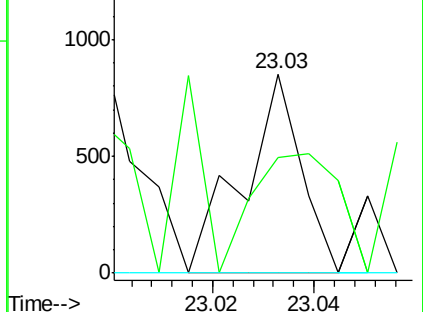
125 0.0 4.9 7.3#

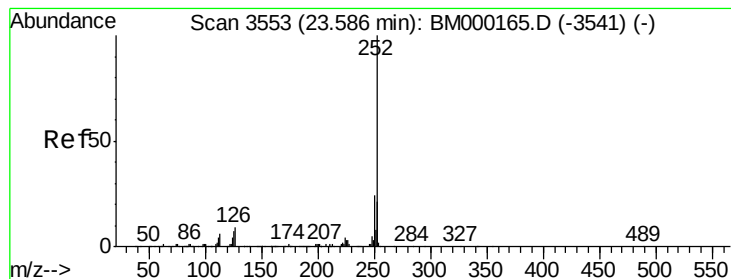


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 23.59 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Instrument :

BNA_M

ClientSampleId :

C0AL8

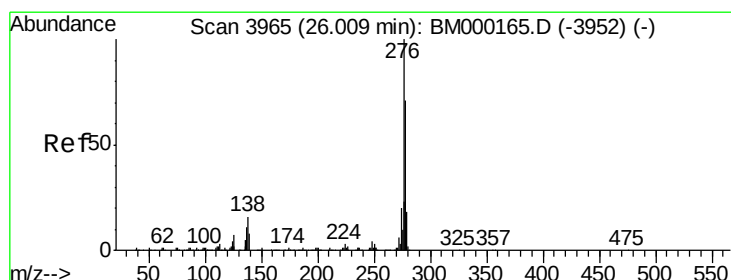
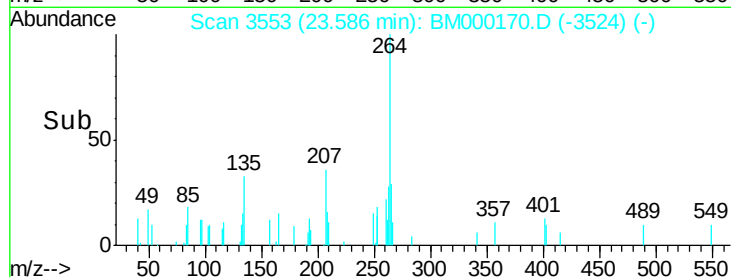
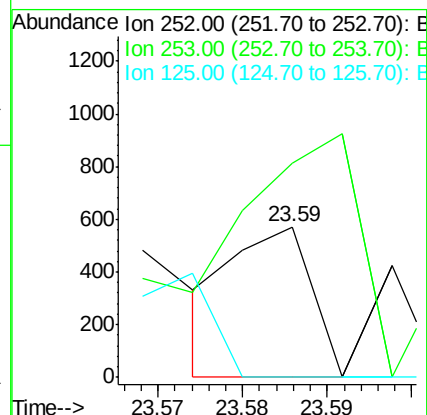
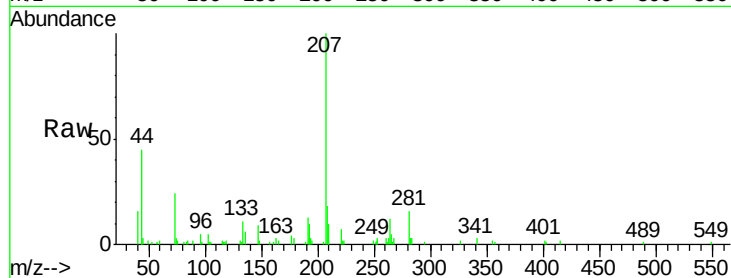
Tgt Ion:252 Resp: 372

Ion Ratio Lower Upper

252 100

253 142.2 17.0 25.6#

125 0.0 5.8 8.6#



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 26.01 min Scan# 3965

Delta R.T. -0.04 min

Lab File: BM000170.D

Acq: 13 Jan 2015 15:52

Tgt Ion:276 Resp: 176

Ion Ratio Lower Upper

276 100

138 0.0 14.2 21.2#

277 0.0 18.8 28.2#

