

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005240.D
 Acq On : 05 May 2016 18:26
 Operator : UM/SJ
 Sample : H2729-02RX
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

Quant Time: May 06 04:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:17:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	91959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	460255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	294928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	703620	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	680560	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	707068	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	4018	2.05	ng/uL	0.00
5) Phenol-d5	6.95	99	98962	11.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	59224	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	76492	12.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	82601	11.98	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	37749	11.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	43502	11.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	83582	12.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	78468	9.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	294967	12.48	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	352595	12.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	39600	9.18	ng/ul	0.00
57) Fluorene-d10	15.41	176	270391	13.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	40238	10.17	ng/ul	0.00
70) Anthracene-d10	17.27	188	433723	13.94	ng/ul	0.00
76) Pyrene-d10	19.57	212	468961	14.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	444498	14.20	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.97	94	2978	0.35 ng/ul#	75
11) 2-Methylphenol	8.23	108	374	0.06 ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.47	45	271	0.03 ng/ul#	67
14) Acetophenone	8.60	105	1793	0.18 ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	1846	0.35 ng/ul#	1
16) 4-Methylphenol	8.56	108	2965	0.40 ng/ul	97
21) Isophorone	9.65	82	3494	0.22 ng/ul#	67
24) 2,4-Dimethylphenol	9.75	107	477	0.06 ng/ul#	68
28) Naphthalene	10.61	128	163598	7.06 ng/ul	99
30) 4-Chloroaniline	10.61	127	21043	2.48 ng/ul#	9
34) 2-Methylnaphthalene	12.23	142	49641	2.87 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	27501	1.18 ng/ul	96
41) 2-Chloronaphthalene	13.40	162	534	0.03 ng/ul#	39
44) Dimethylphthalate	13.87	163	24491	1.04 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	2085	0.45 ng/ul#	41
47) Acenaphthylene	14.14	152	203902	6.95 ng/ul	99
49) Acenaphthene	14.48	153	99014	5.12 ng/ul	99
53) Dibenzofuran	14.82	168	197125	7.03 ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	250	0.04 ng/ul#	8
56) Diethylphthalate	15.23	149	497	0.02 ng/ul#	59
58) Fluorene	15.47	166	226852	10.34 ng/ul	99
60) 4-Nitroaniline	15.46	138	2436	0.46 ng/ul#	14
64) N-Nitrosodiphenylamine	15.67	169	2777	0.14 ng/ul#	1

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 ALS Vial : 13 Sample Multiplier: 1

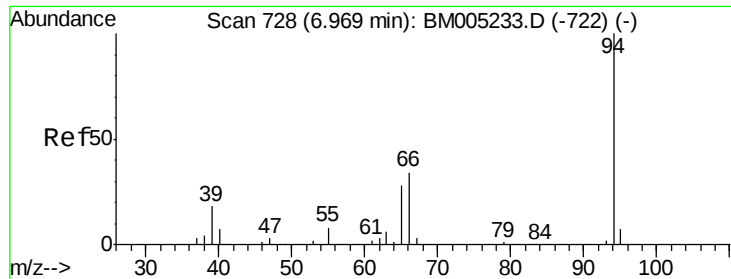
Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

Quant Time: May 06 04:19:17 2016
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

69) Phenanthrene	17.22	178	2594396	70.13	ng/ul	99
71) Anthracene	17.30	178	844766	22.90	ng/ul	99
72) Carbazole	17.57	167	231388	7.13	ng/ul	99
73) Di-n-butylphthalate	18.13	149	4604	0.12	ng/ul#	79
74) Fluoranthene	19.24	202	3602482	87.89	ng/ul	96
77) Pyrene	19.60	202	3310466	83.87	ng/ul	97
78) Butylbenzylphthalate	20.46	149	119	0.01	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.29	252	414	0.03	ng/ul#	62
80) Benzo(a)anthracene	21.35	228	1736454	44.36	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	8544	0.38	ng/ul	93
82) Chrysene	21.40	228	1596064	42.98	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	610	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.96	252	1946420	47.09	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	1946420	50.02	ng/ul	98
88) Benzo(a)pyrene	23.55	252	1466431	37.51	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.94	276	795145	18.64	ng/ul	94
90) Dibenzo(a,h)anthracene	25.94	278	192938	5.41	ng/ul#	81
91) Benzo(g,h,i)perylene	26.66	276	678215	18.77	ng/ul	99

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



#6

Phenol

Concen: 0.35 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

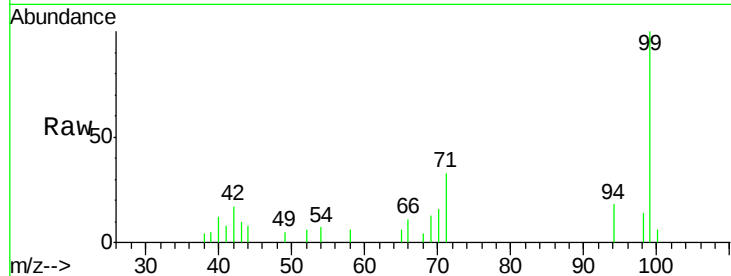
Tgt Ion: 94 Resp: 2978

Ion Ratio Lower Upper

94 100

65 34.0 22.7 34.1

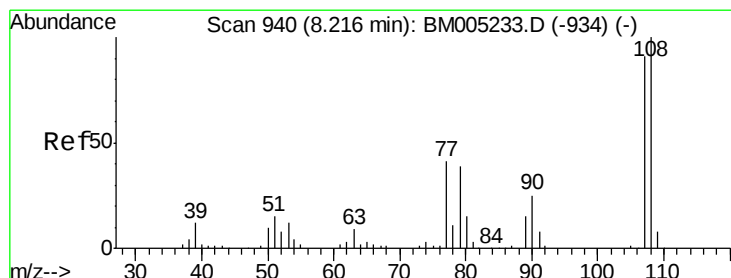
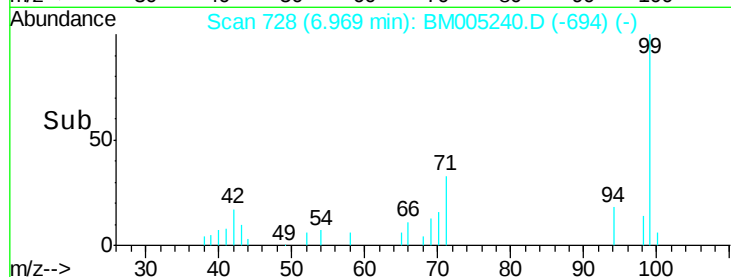
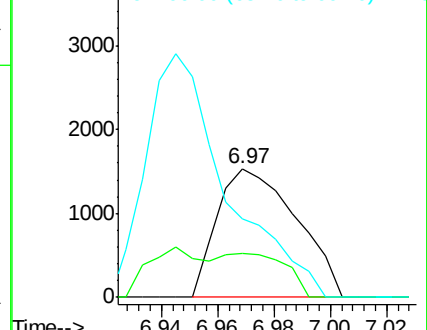
66 61.3 31.7 47.5#



Abundance Ion 94.00 (93.70 to 94.70): BM005233.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005233.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005233.D (-722) (-)



#11

2-Methylphenol

Concen: 0.06 ng/ul

RT: 8.23 min Scan# 943

Delta R.T. 0.02 min

Lab File: BM005240.D

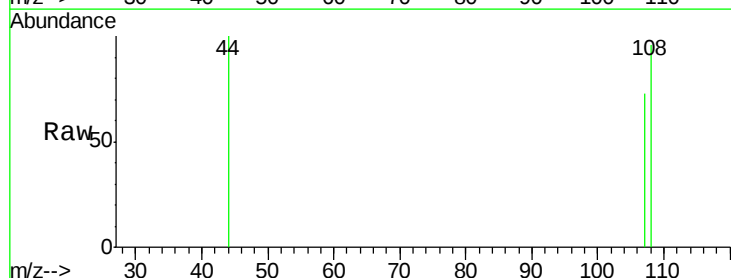
Acq: 05 May 2016 18:26

Tgt Ion: 108 Resp: 374

Ion Ratio Lower Upper

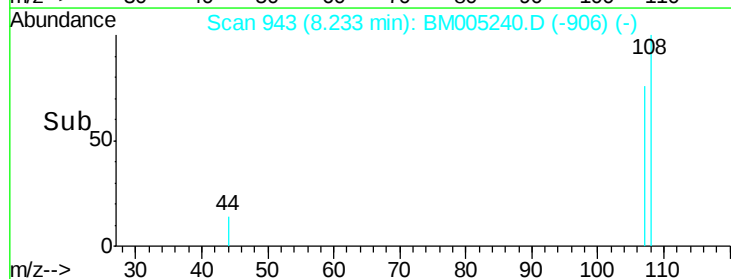
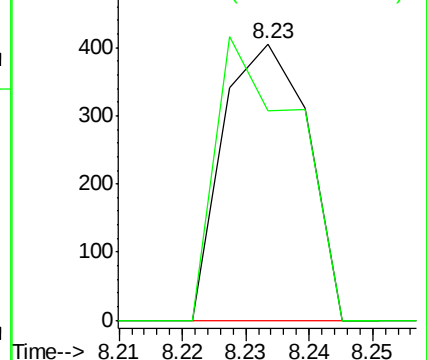
108 100

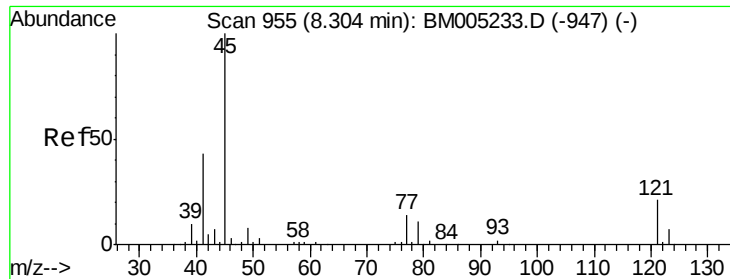
107 75.9 73.4 110.0



Abundance Ion 108.00 (107.70 to 108.70): BM005233.D (-934) (-)

Ion 107.00 (106.70 to 107.70): BM005233.D (-934) (-)

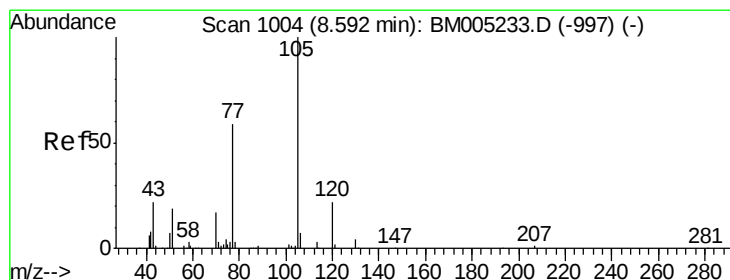
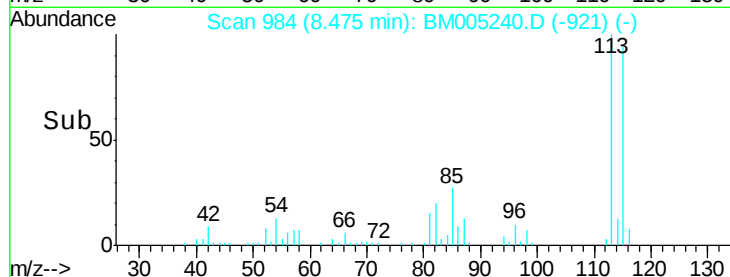
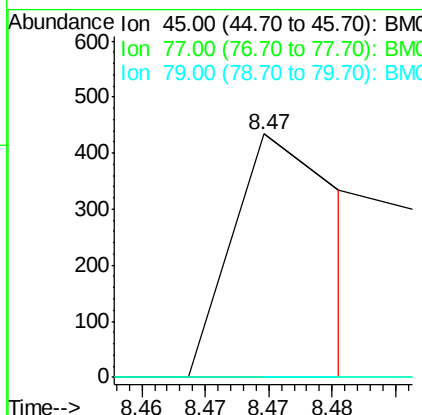
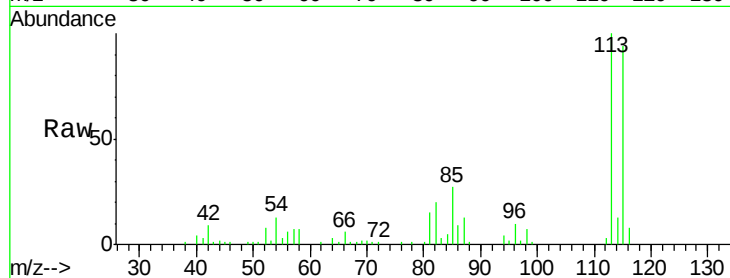




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.03 ng/ul
 RT: 8.47 min Scan# 984
 Delta R.T. 0.17 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

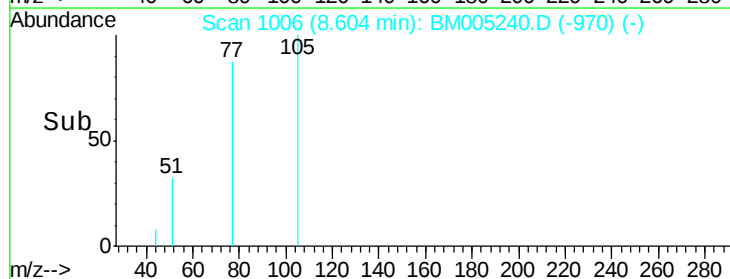
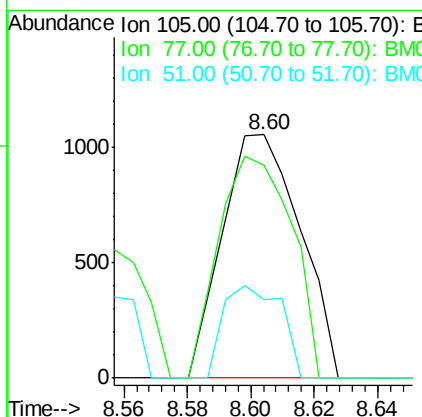
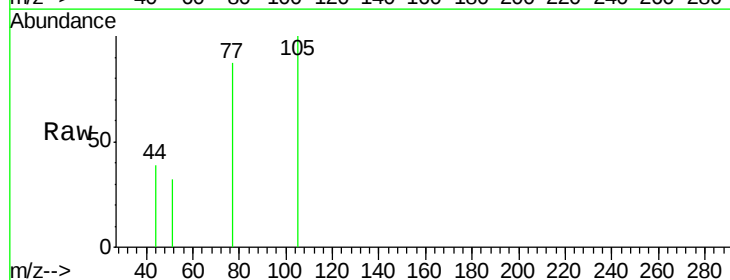
Instrument :
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 ClientSampleId :
 BD3D0ME

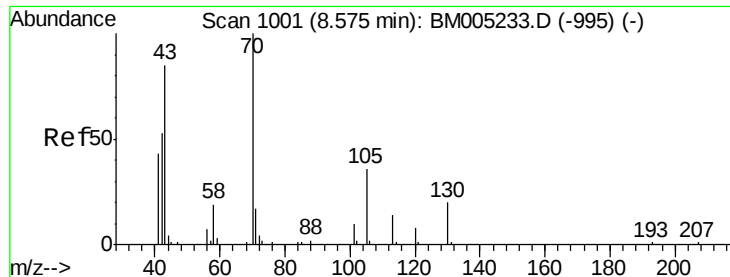
Tgt Ion: 45 Resp: 271
 Ion Ratio Lower Upper
 45 100
 77 0.0 12.1 18.1#
 79 0.0 9.0 13.4#



#14
 Acetophenone
 Concen: 0.18 ng/ul
 RT: 8.60 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Tgt Ion: 105 Resp: 1793
 Ion Ratio Lower Upper
 105 100
 77 87.5 61.2 91.8
 51 32.1 21.2 31.8#

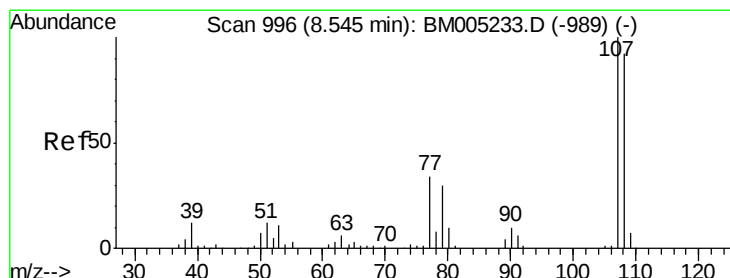
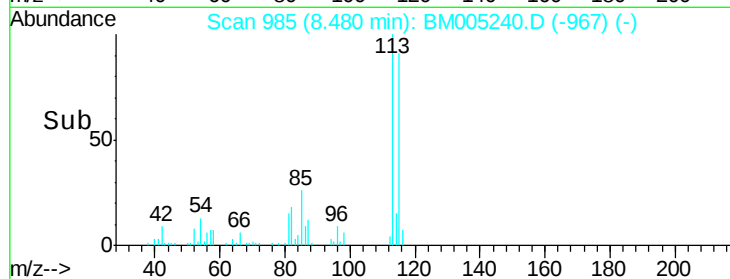
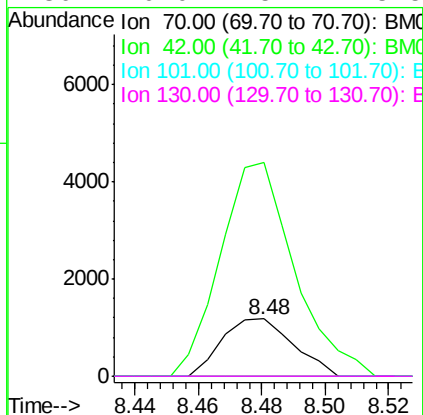
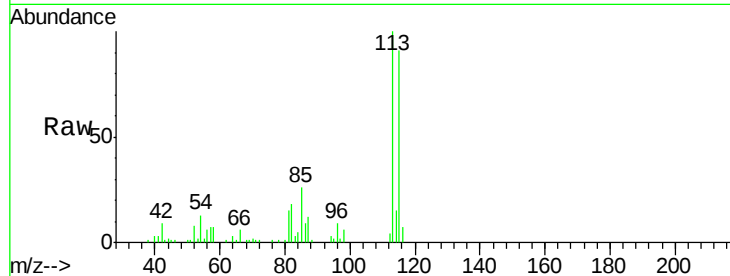




#15
N-Nitroso-di-n-propylamine
Concen: 0.35 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. -0.09 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

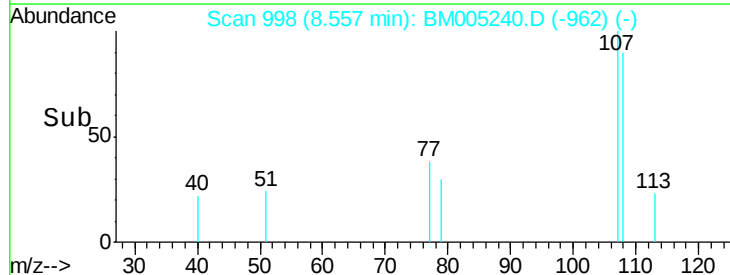
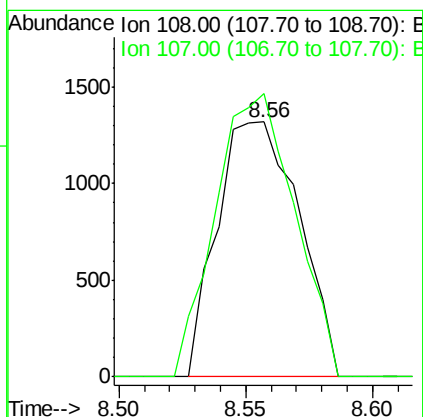
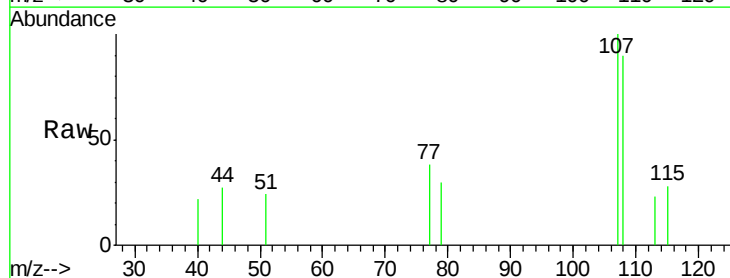
Instrument :
BNA_M
ClientSampleId :
BD3D0ME

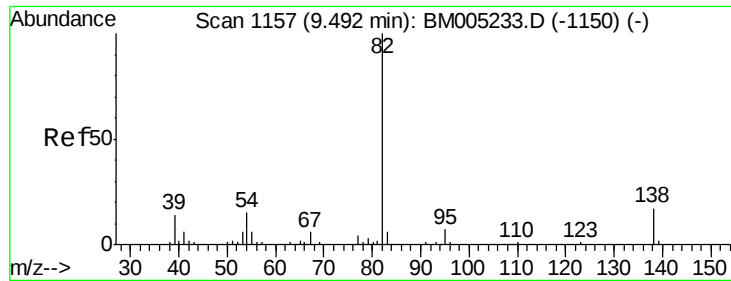
Tgt Ion: 70 Resp: 1846
Ion Ratio Lower Upper
70 100
42 374.7 42.8 64.2#
101 0.0 7.8 11.6#
130 0.0 15.7 23.5#



#16
4-Methylphenol
Concen: 0.40 ng/ul
RT: 8.56 min Scan# 998
Delta R.T. 0.01 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

Tgt Ion: 108 Resp: 2965
Ion Ratio Lower Upper
108 100
107 111.2 91.1 136.7





#21

Isophorone

Concen: 0.22 ng/ul

RT: 9.65 min Scan# 1183

Delta R.T. 0.15 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

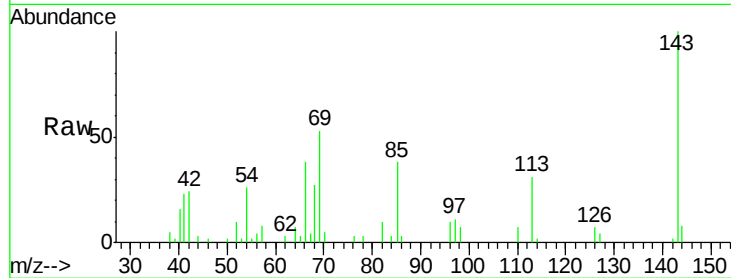
Tgt Ion: 82 Resp: 3494

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.2#

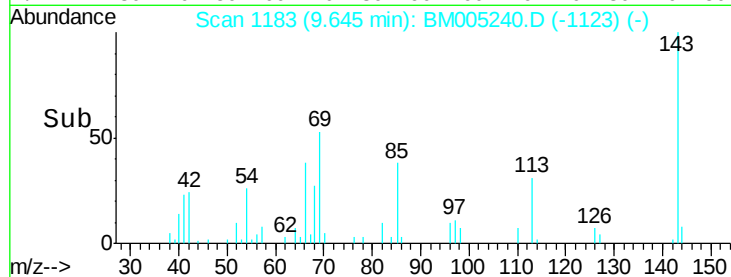


Abundance Ion 82.00 (81.70 to 82.70): BM005233.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BM005233.D (-1150) (-)

Ion 138.00 (137.70 to 138.70): BM005233.D (-1150) (-)

Time-->

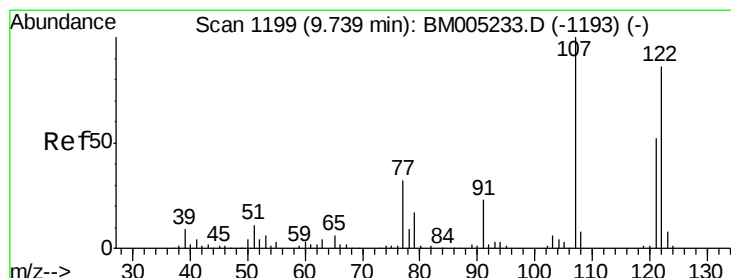


Abundance Ion 82.00 (81.70 to 82.70): BM005233.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BM005233.D (-1150) (-)

Ion 138.00 (137.70 to 138.70): BM005233.D (-1150) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 0.06 ng/ul

RT: 9.75 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

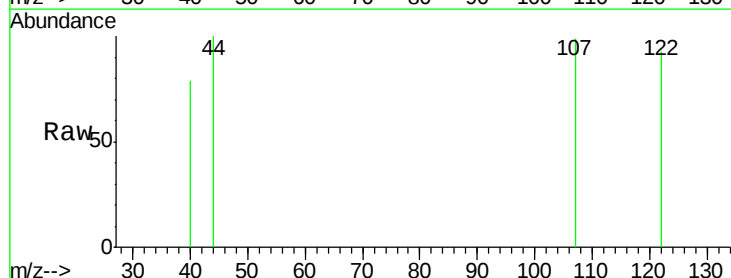
Tgt Ion: 107 Resp: 477

Ion Ratio Lower Upper

107 100

121 0.0 39.1 58.7#

122 93.2 67.8 101.6

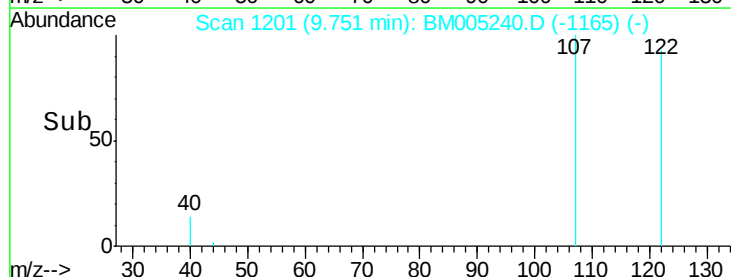


Abundance Ion 107.00 (106.70 to 107.70): BM005233.D (-1193) (-)

Ion 121.00 (120.70 to 121.70): BM005233.D (-1193) (-)

Ion 122.00 (121.70 to 122.70): BM005233.D (-1193) (-)

Time-->

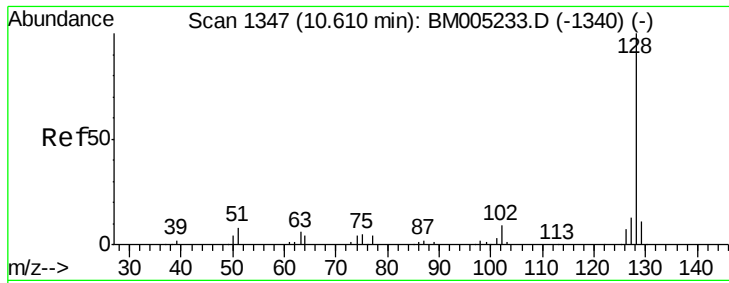


Abundance Ion 107.00 (106.70 to 107.70): BM005233.D (-1193) (-)

Ion 121.00 (120.70 to 121.70): BM005233.D (-1193) (-)

Ion 122.00 (121.70 to 122.70): BM005233.D (-1193) (-)

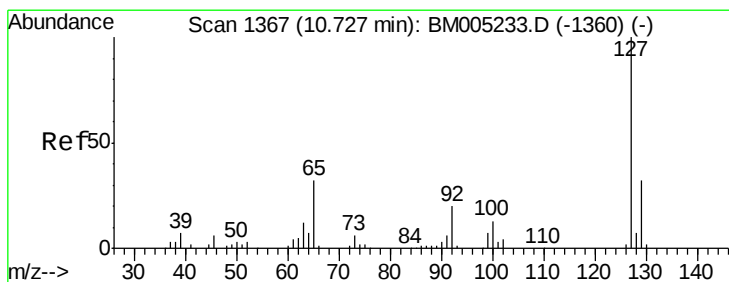
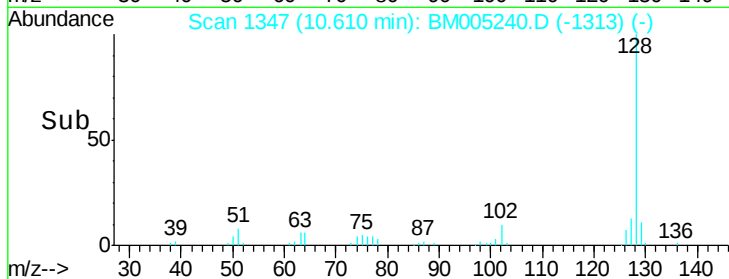
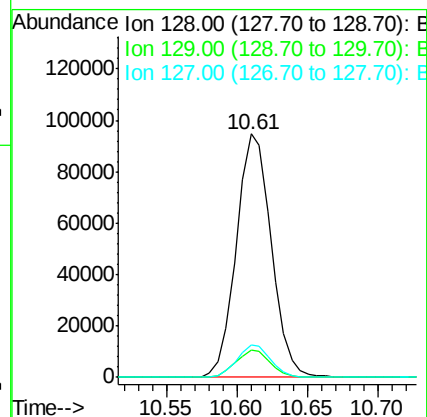
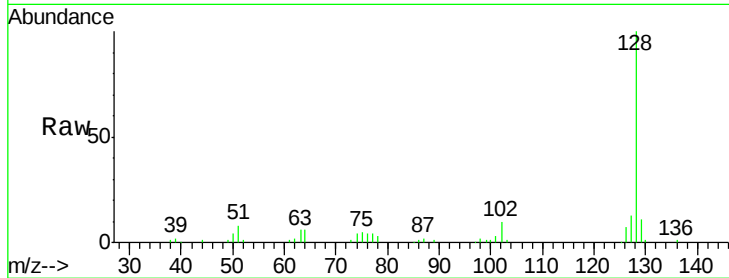
Time-->



#28
Naphthalene
Concen: 7.06 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

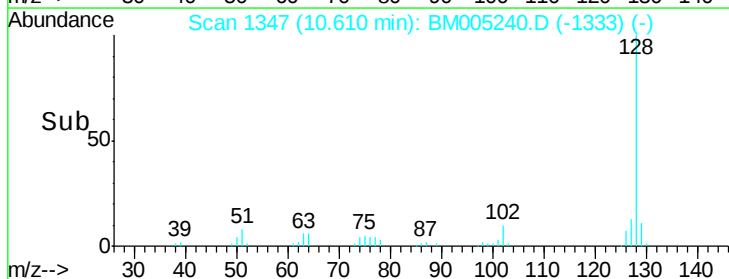
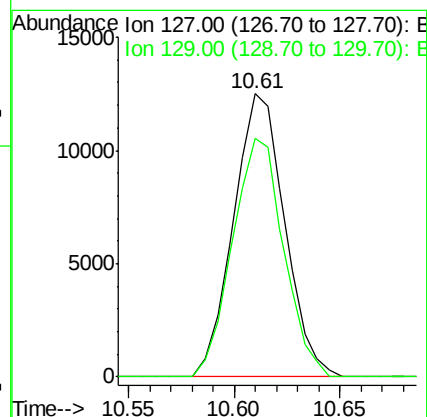
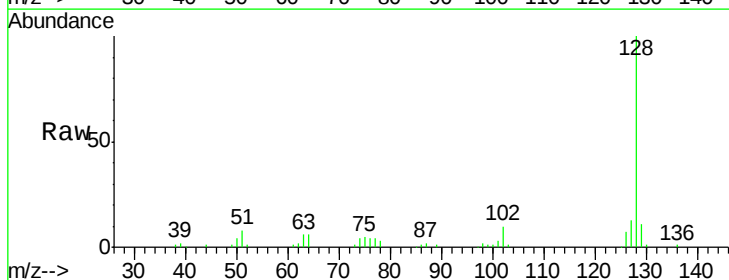
Instrument :
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BD3D0ME

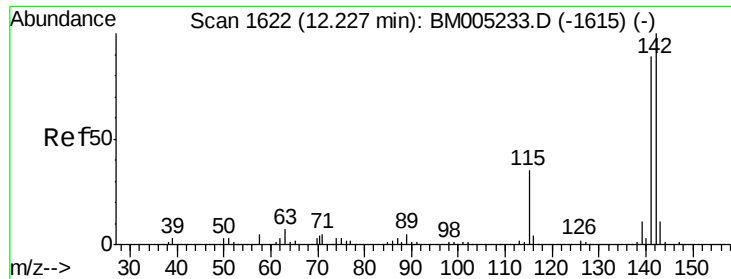
Tgt Ion:128 Resp: 163598
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 10.8 16.2



#30
4-Chloroaniline
Concen: 2.48 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.12 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

Tgt Ion:127 Resp: 21043
Ion Ratio Lower Upper
127 100
129 84.5 26.5 39.7#

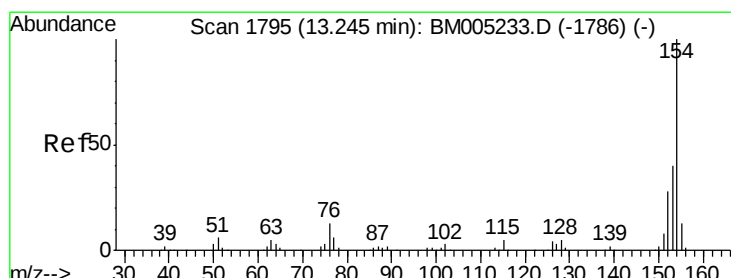
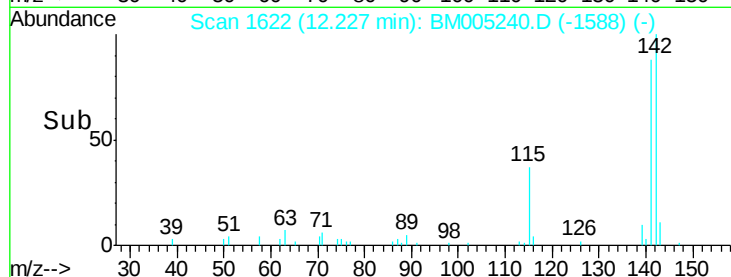
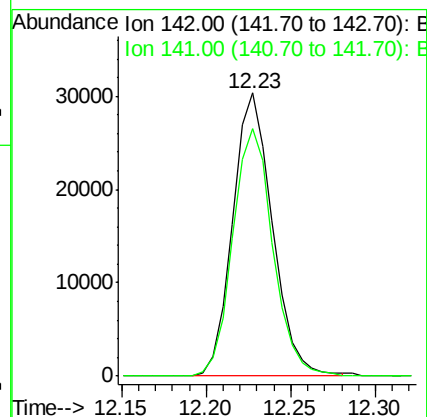
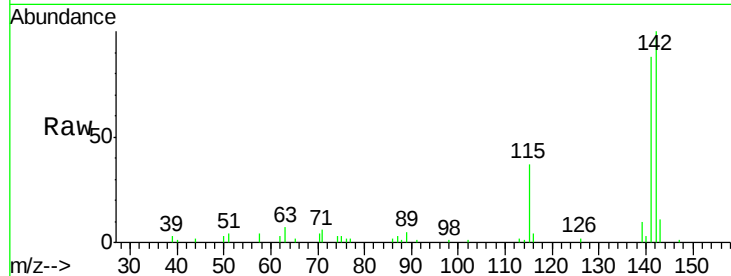




#34
 2-Methylnaphthalene
 Concen: 2.87 ng/ul
 RT: 12.23 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

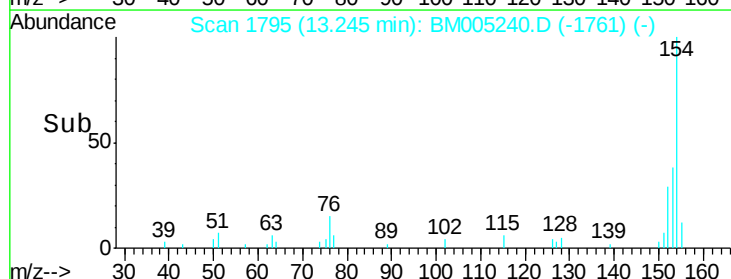
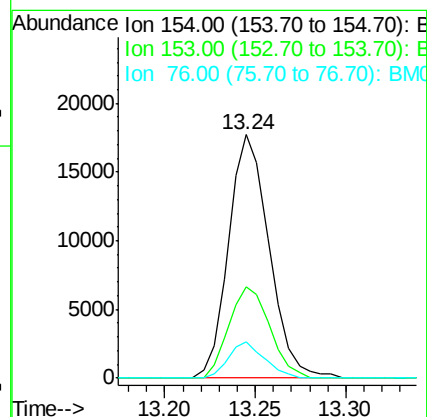
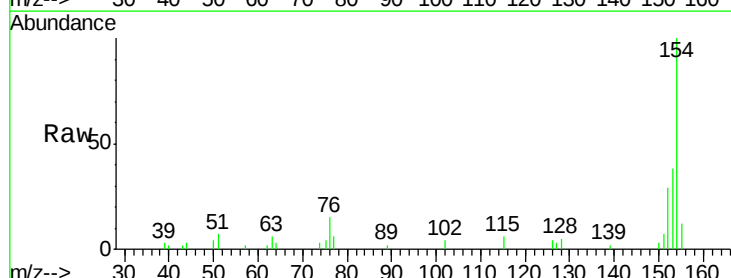
Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

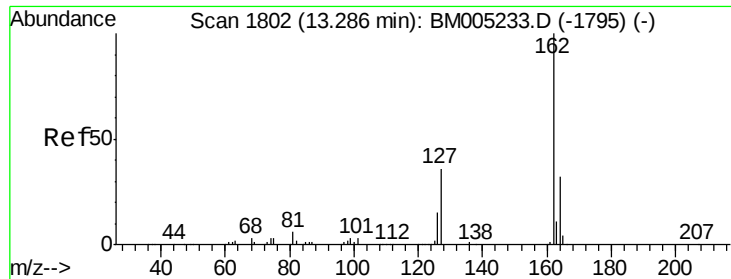
Tgt Ion:142 Resp: 49641
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 1.18 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Tgt Ion:154 Resp: 27501
 Ion Ratio Lower Upper
 154 100
 153 37.5 32.1 48.1
 76 14.7 10.6 15.8

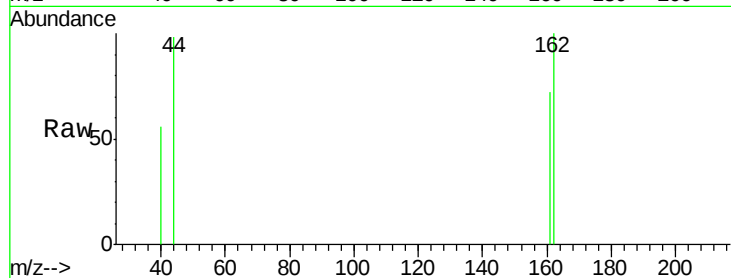




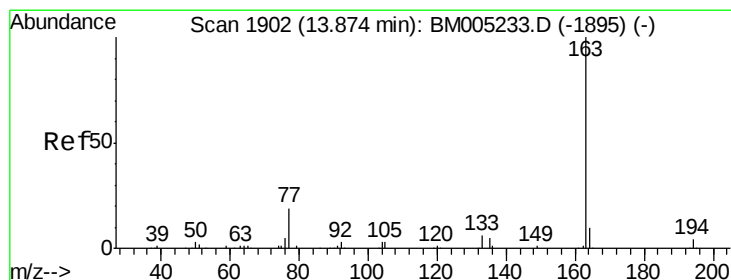
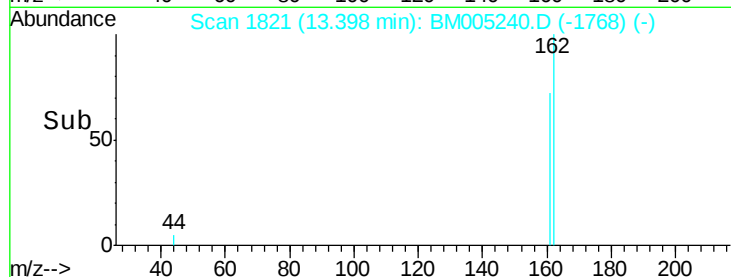
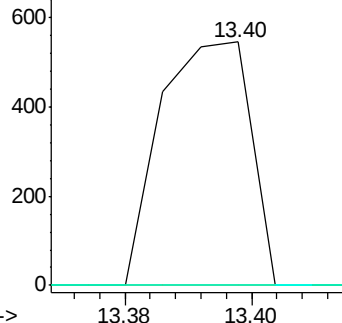
#41
2-Chloronaphthalene
Concen: 0.03 ng/ul
RT: 13.40 min Scan# 1821
Delta R.T. 0.11 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

Instrument :
BNA_M
ClientSampleId :
BD3D0ME

Tgt Ion:162 Resp: 534
Ion Ratio Lower Upper
162 100
164 0.0 25.5 38.3#
127 0.0 31.9 47.9#

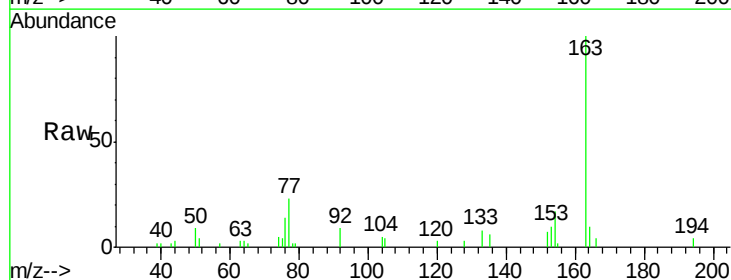


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

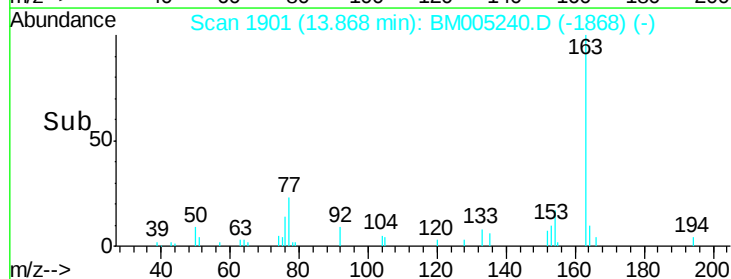
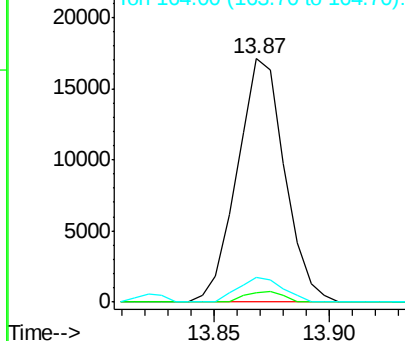


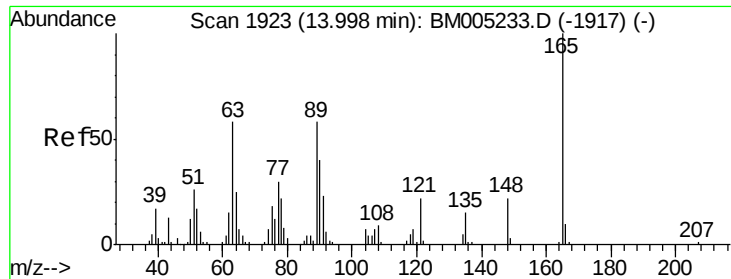
#44
Dimethylphthalate
Concen: 1.04 ng/ul
RT: 13.87 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

Tgt Ion:163 Resp: 24491
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.2 7.9 11.9



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

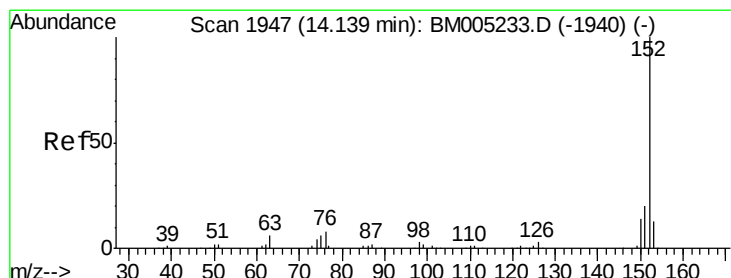
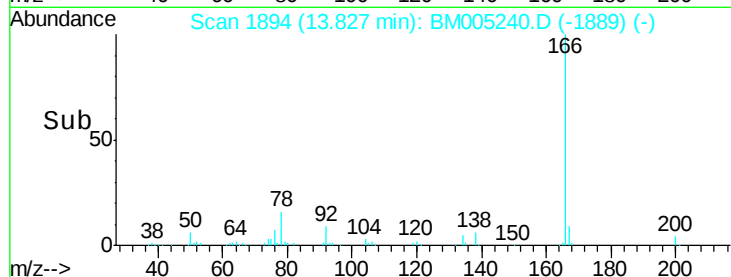
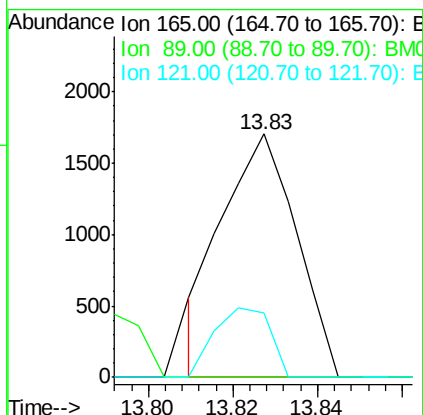
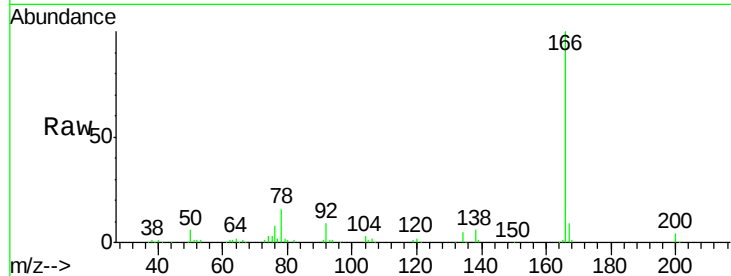




#45
 2,6-Dinitrotoluene
 Concen: 0.45 ng/ul
 RT: 13.83 min Scan# 1894
 Delta R.T. -0.17 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

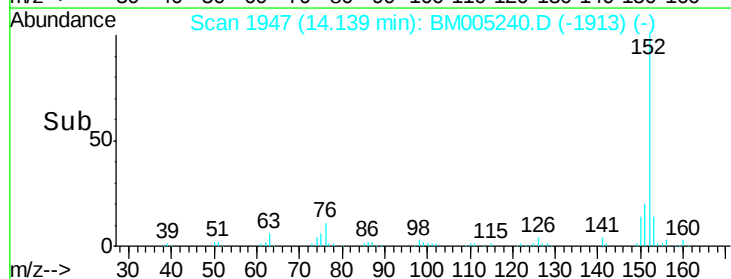
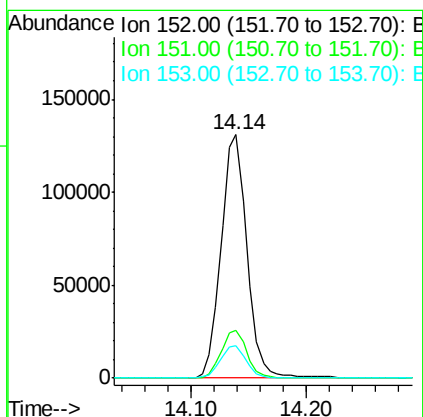
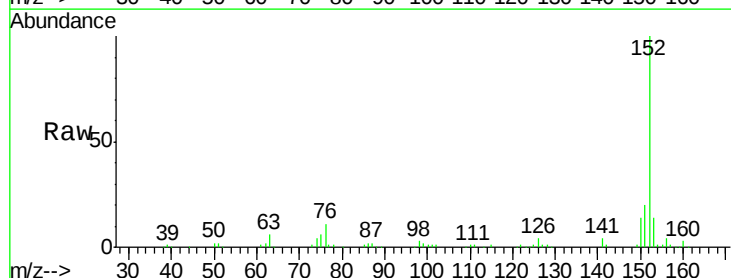
Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

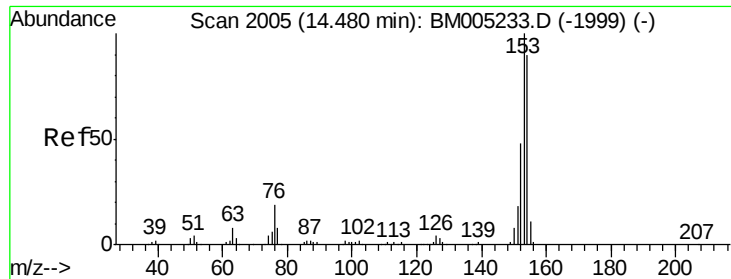
Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	26.7	21.0	31.4



#47
 Acenaphthylene
 Concen: 6.95 ng/ul
 RT: 14.14 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.3	15.5





#49

Acenaphthene

Concen: 5.12 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

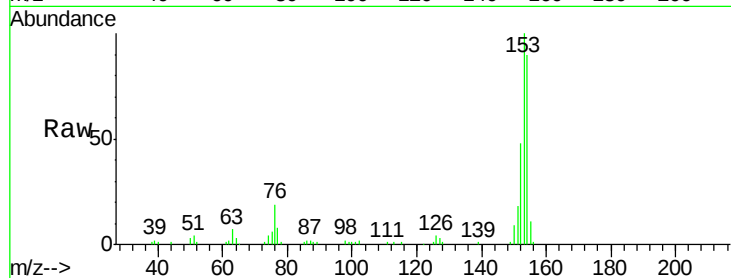
Tgt Ion:153 Resp: 99014

Ion Ratio Lower Upper

153 100

152 48.2 38.9 58.3

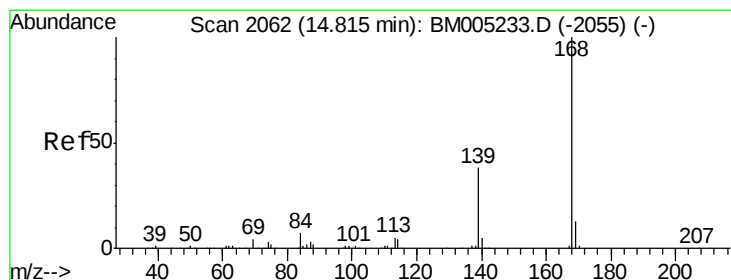
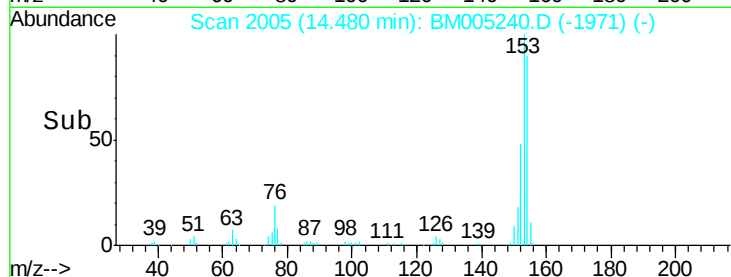
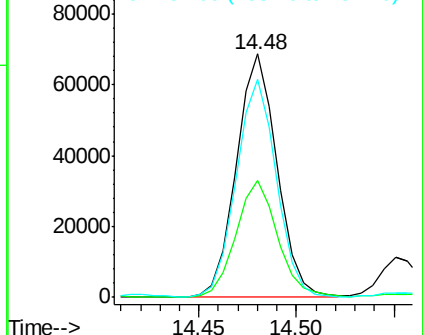
154 89.6 70.3 105.5



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: 7.03 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM005240.D

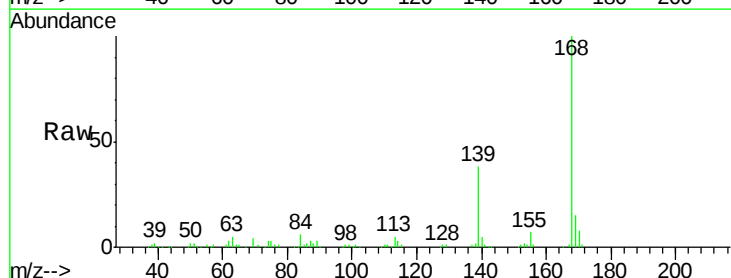
Acq: 05 May 2016 18:26

Tgt Ion:168 Resp: 197125

Ion Ratio Lower Upper

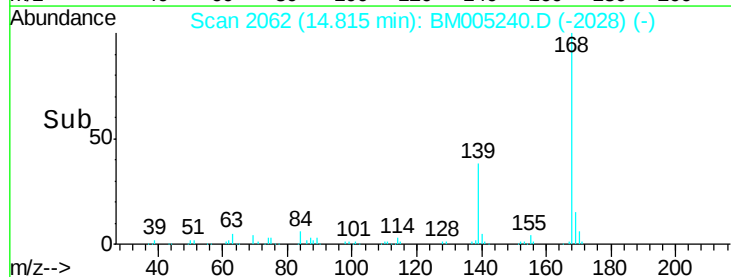
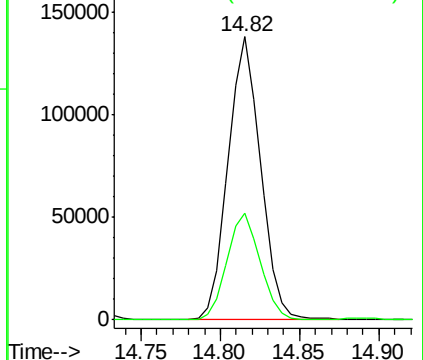
168 100

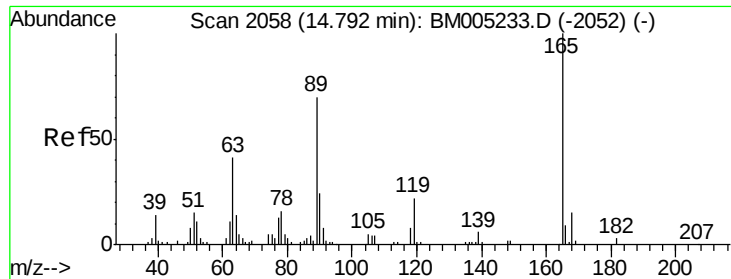
139 37.6 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 0.04 ng/ul

RT: 14.77 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

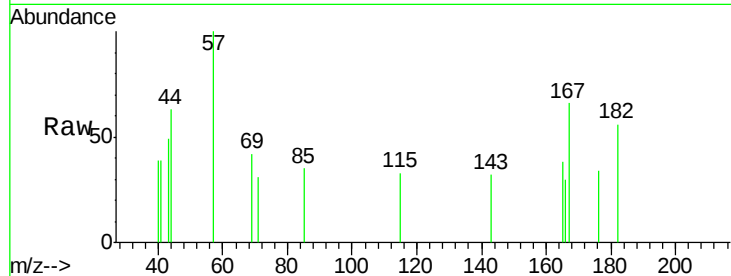
Tgt Ion:165 Resp: 250

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

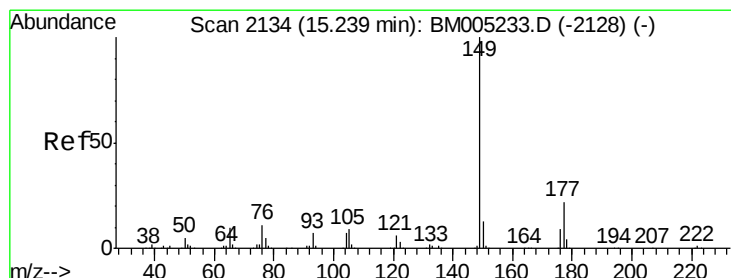
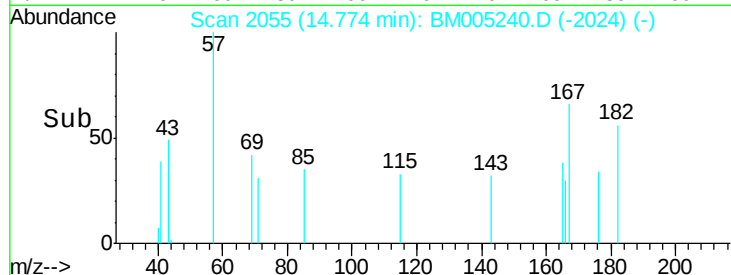
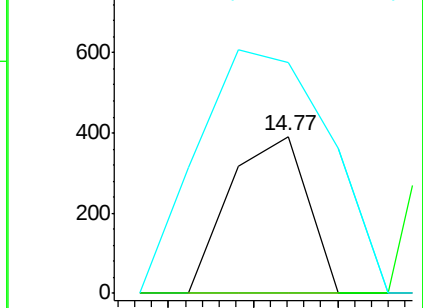
182 147.1 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#56

Diethylphthalate

Concen: 0.02 ng/ul

RT: 15.23 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

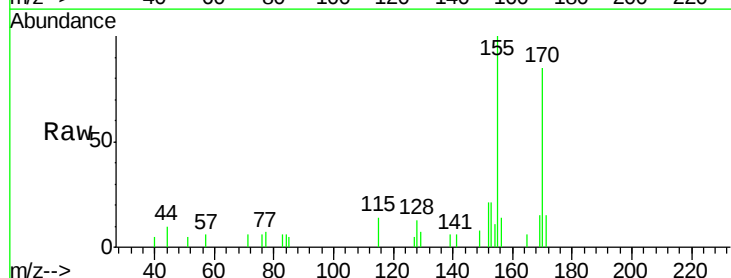
Tgt Ion:149 Resp: 497

Ion Ratio Lower Upper

149 100

177 0.0 17.6 26.4#

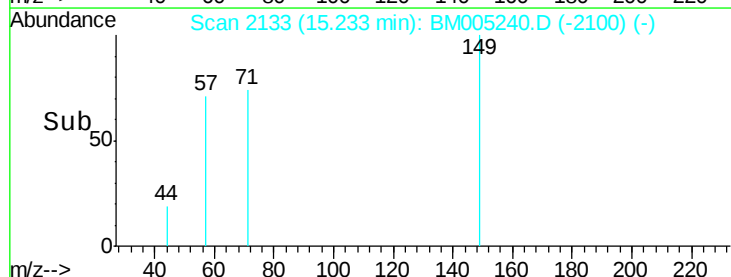
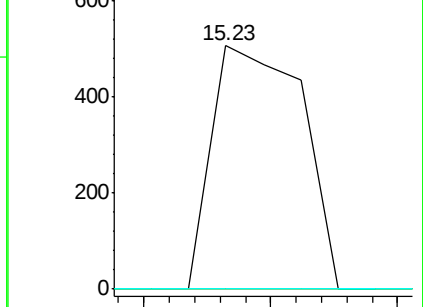
150 0.0 9.8 14.8#

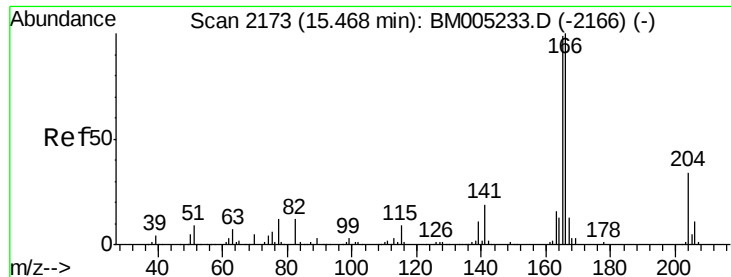


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 10.34 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

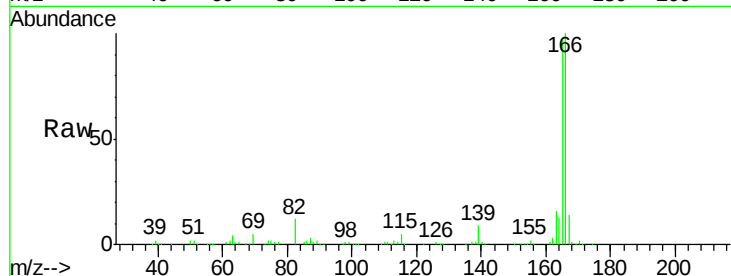
Tgt Ion:166 Resp: 226852

Ion Ratio Lower Upper

166 100

165 96.9 77.9 116.9

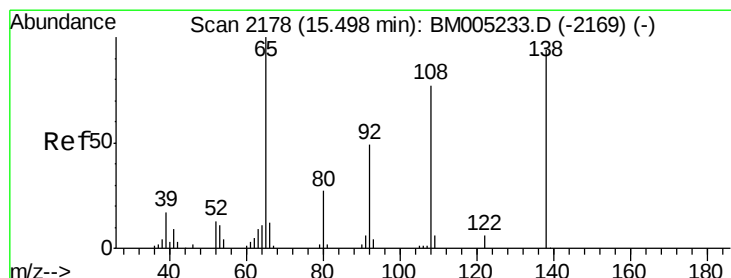
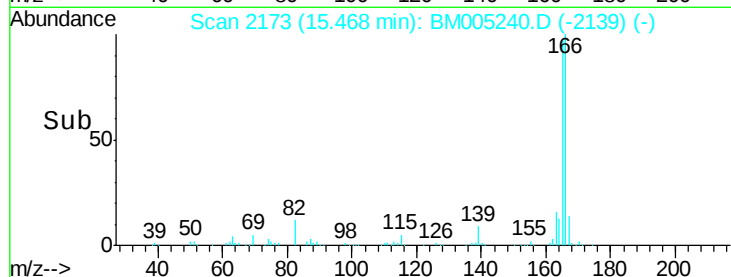
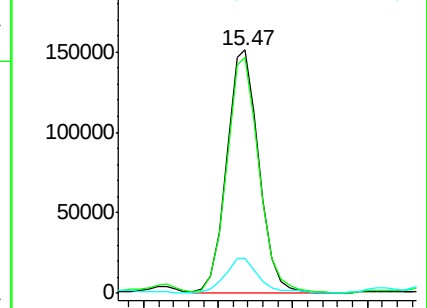
167 14.1 10.6 16.0



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: 0.46 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.04 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

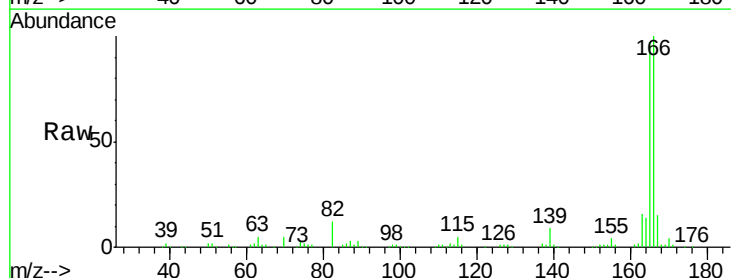
Tgt Ion:138 Resp: 2436

Ion Ratio Lower Upper

138 100

92 0.0 44.3 66.5#

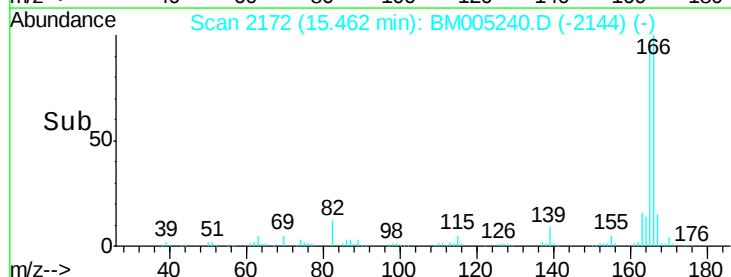
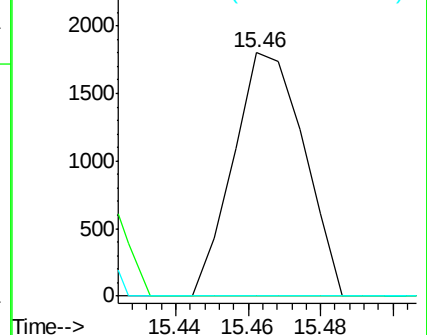
108 0.0 66.3 99.5#

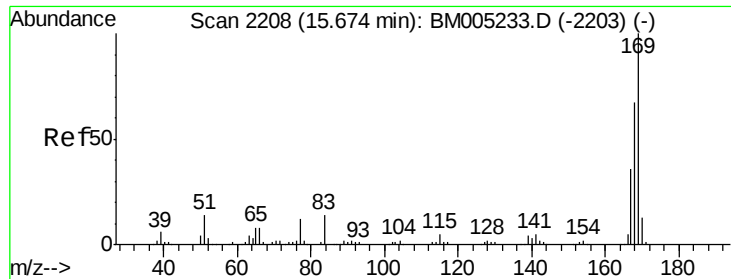


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#64

N-Nitrosodiphenylamine

Concen: 0.14 ng/ul

RT: 15.67 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

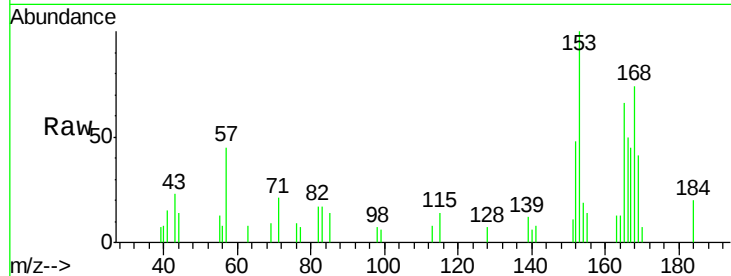
Tgt Ion:169 Resp: 2777

Ion Ratio Lower Upper

169 100

168 182.6 52.9 79.3#

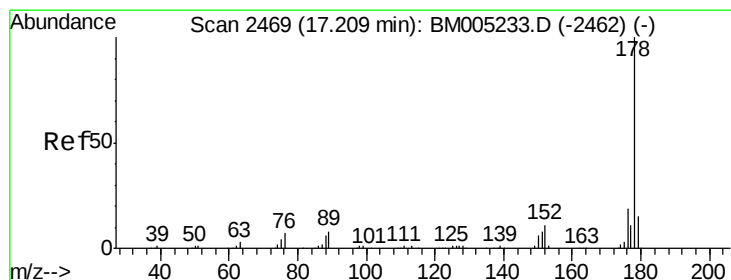
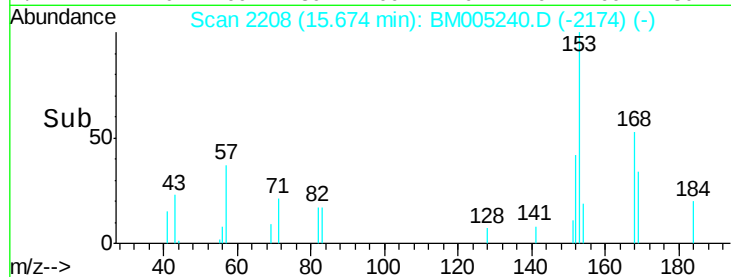
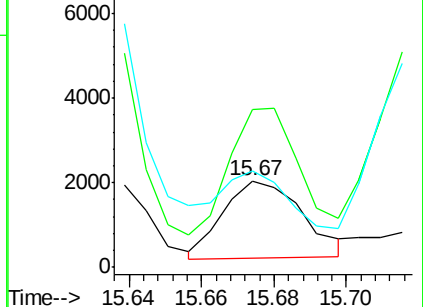
167 111.2 28.2 42.4#



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: 70.13 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

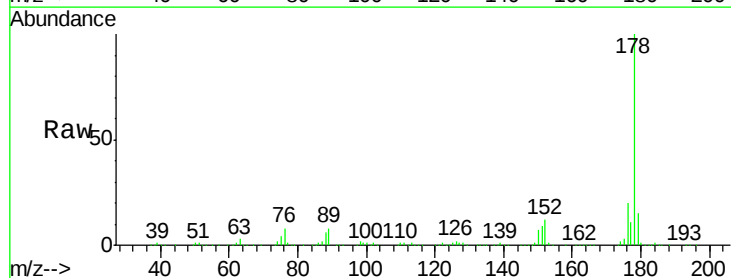
Tgt Ion:178 Resp: 2594396

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

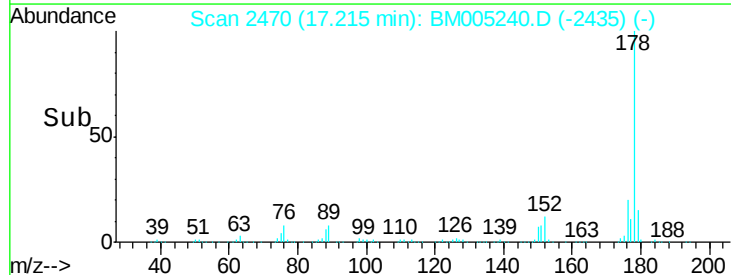
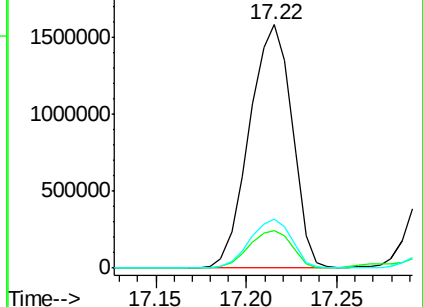
176 20.0 15.2 22.8

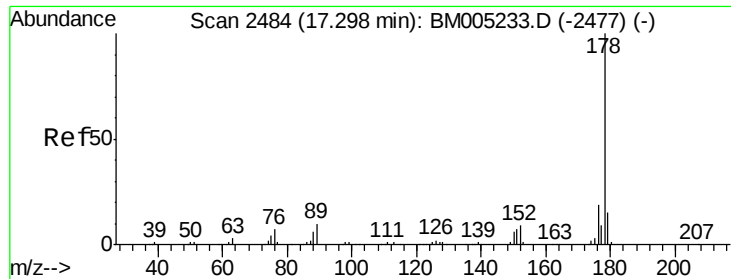


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

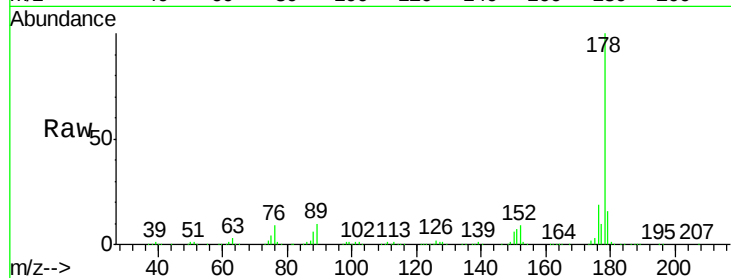




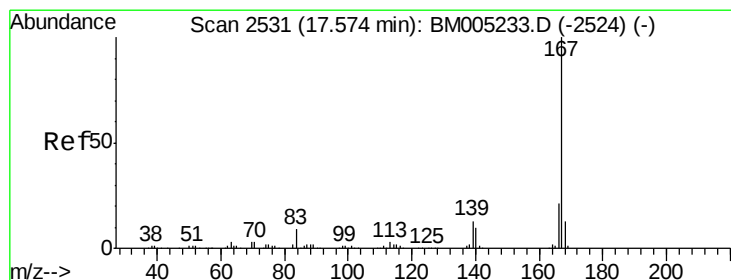
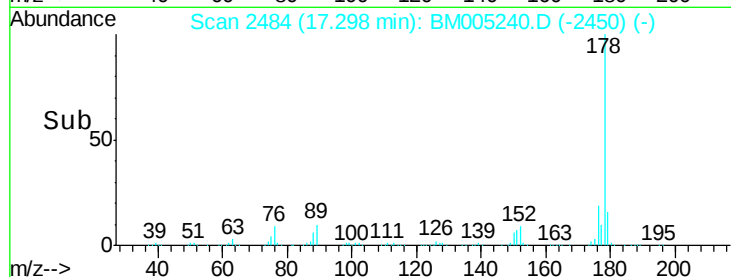
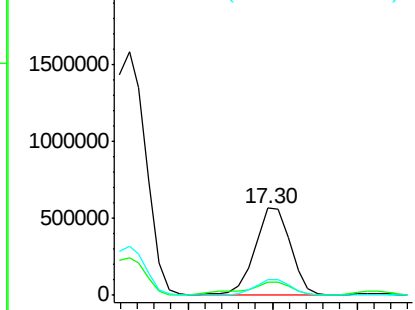
#71
 Anthracene
 Concen: 22.90 ng/ul
 RT: 17.30 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

Tgt Ion:178 Resp: 844766
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 18.5 15.1 22.7

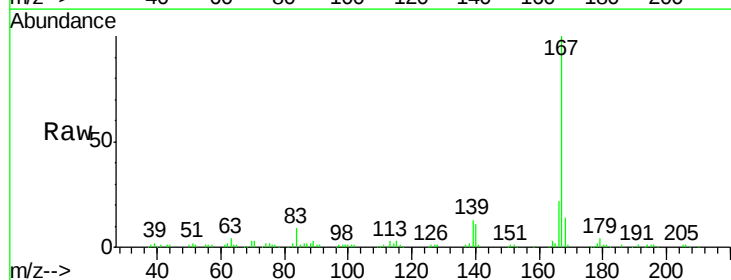


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

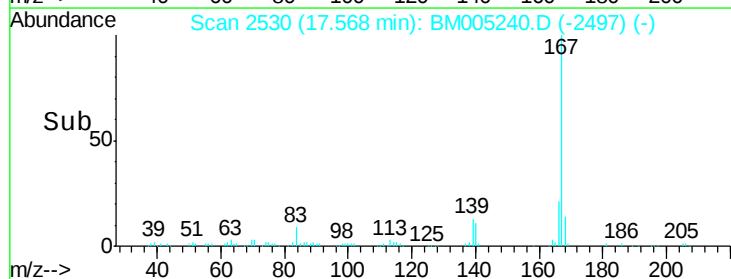
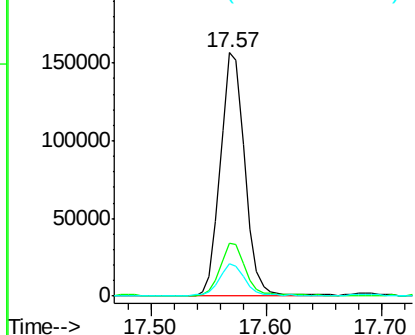


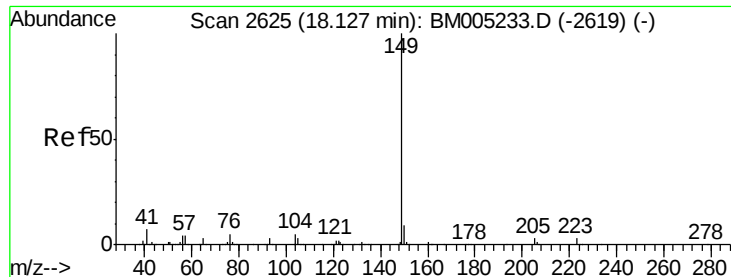
#72
 Carbazole
 Concen: 7.13 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Tgt Ion:167 Resp: 231388
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.3 10.2 15.2



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: 0.12 ng/ul

RT: 18.13 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

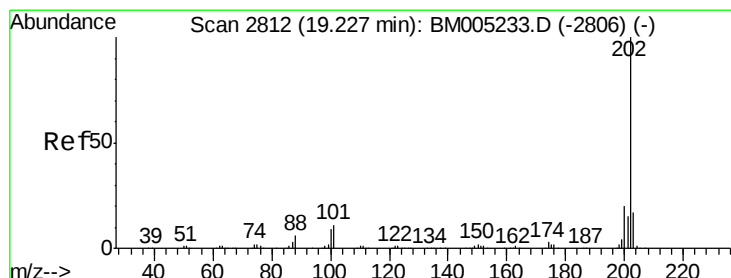
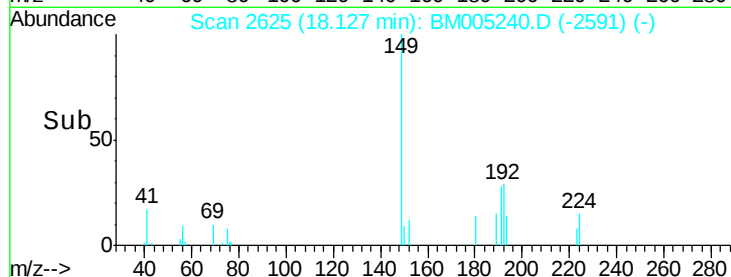
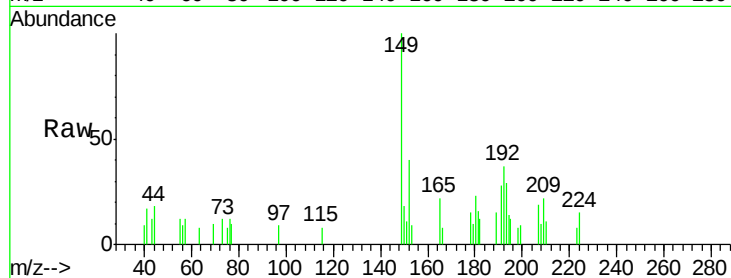
Tgt Ion:149 Resp: 4604

Ion Ratio Lower Upper

149 100

150 17.7 7.3 10.9#

104 0.0 4.1 6.1#



#74

Fluoranthene

Concen: 87.89 ng/ul

RT: 19.24 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

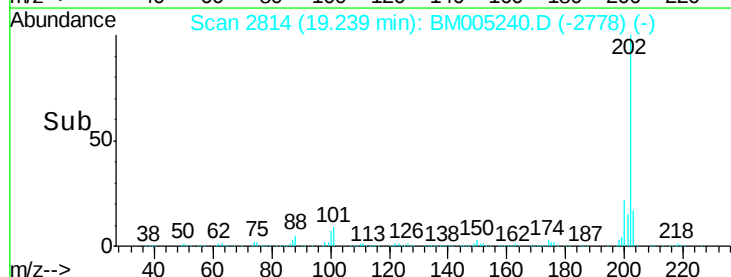
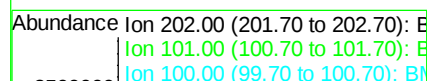
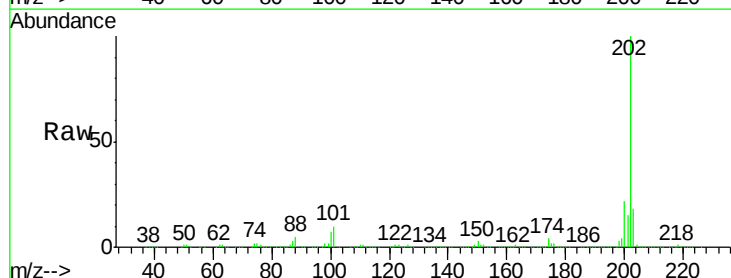
Tgt Ion:202 Resp: 3602482

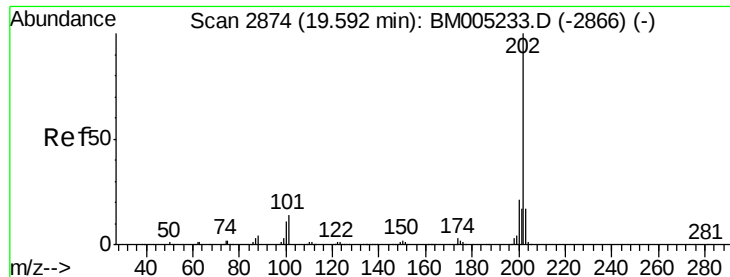
Ion Ratio Lower Upper

202 100

101 9.7 9.2 13.8

100 7.4 7.1 10.7





#77

Pyrene

Concen: 83.87 ng/ul

RT: 19.60 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

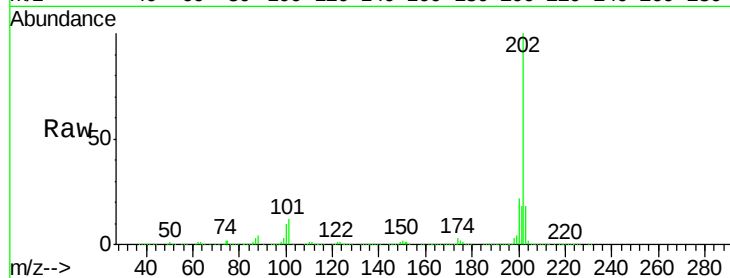
Tgt Ion:202 Resp: 3310466

Ion Ratio Lower Upper

202 100

101 11.8 10.8 16.2

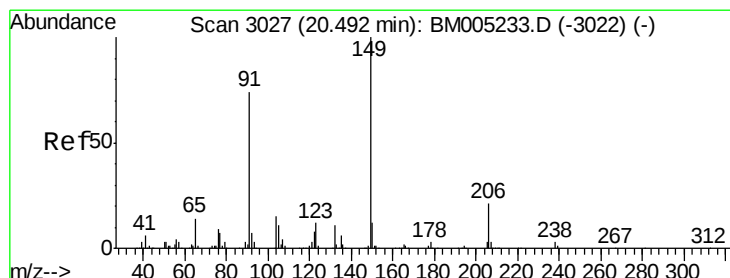
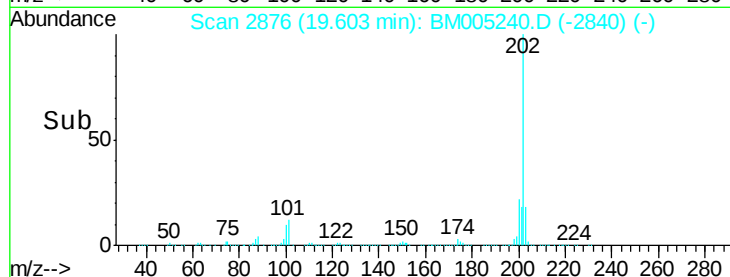
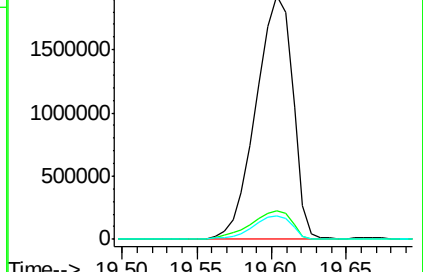
100 9.6 8.4 12.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.46 min Scan# 3022

Delta R.T. -0.03 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

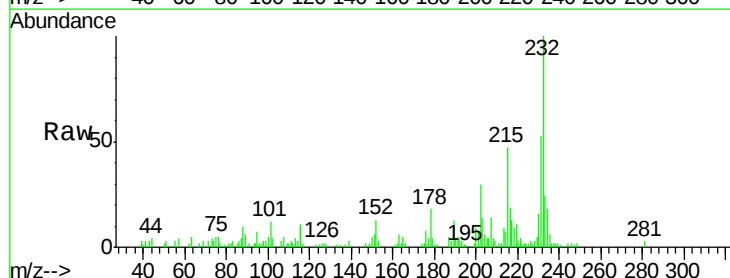
Tgt Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

91 98.2 58.4 87.6#

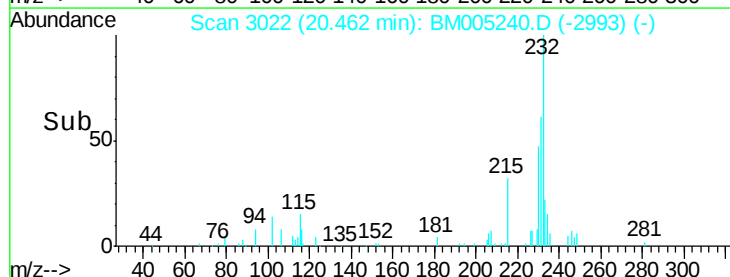
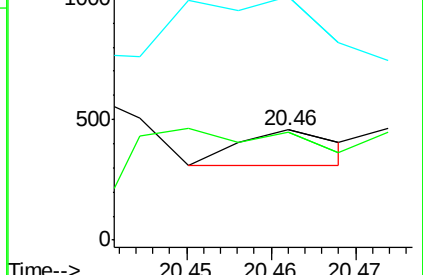
206 220.8 17.3 25.9#

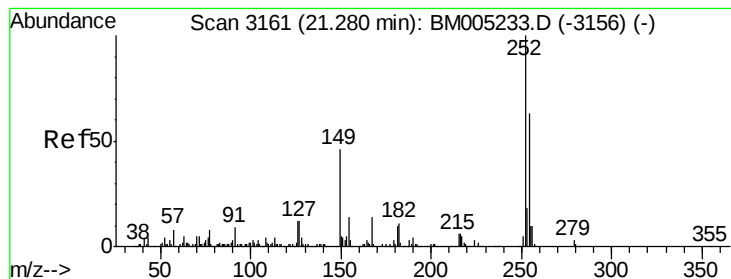


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

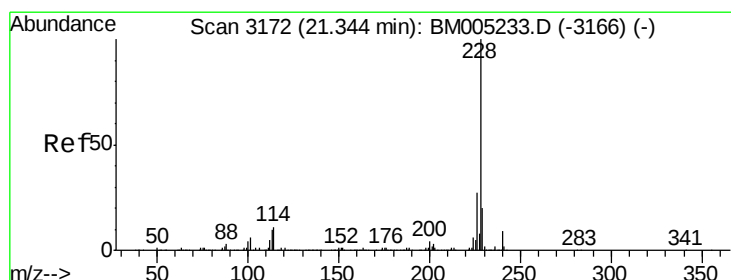
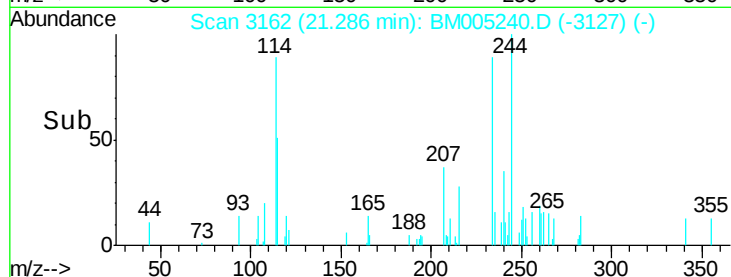
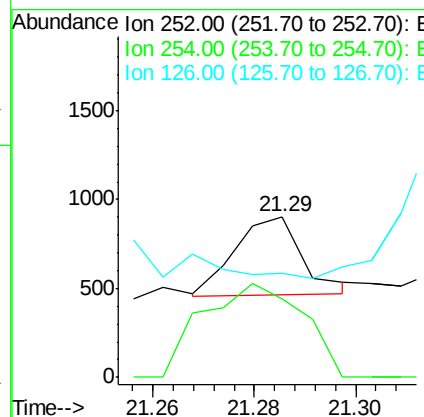
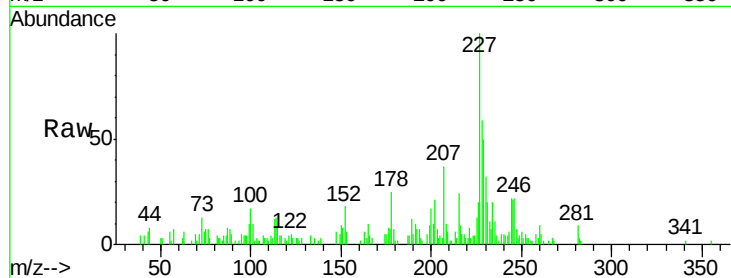




#79
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng/ul
 RT: 21.29 min Scan# 3162
 Delta R.T. 0.01 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

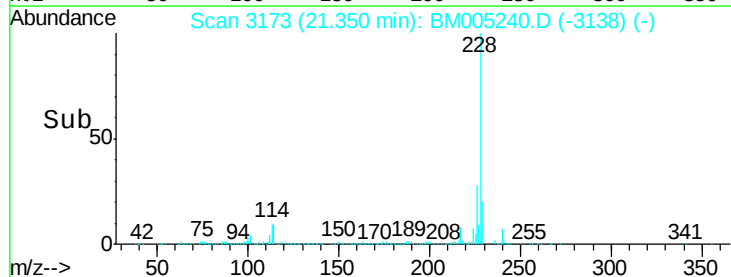
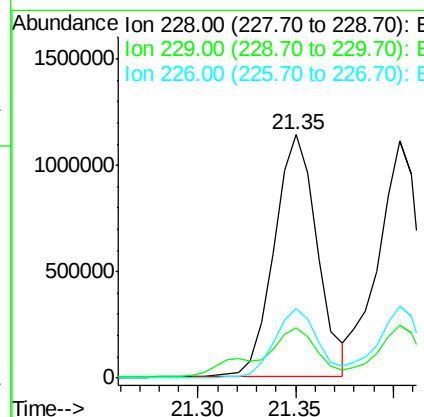
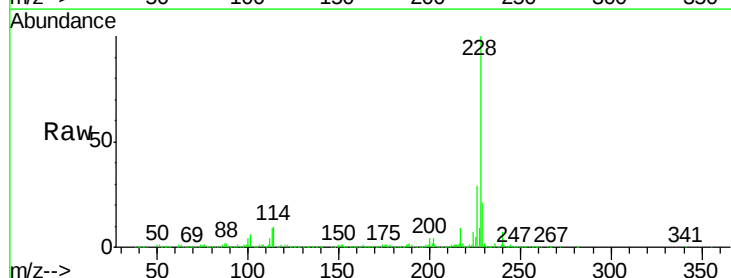
Instrument :
 BNA_M
 ClientSampleId :
 BD3D0ME

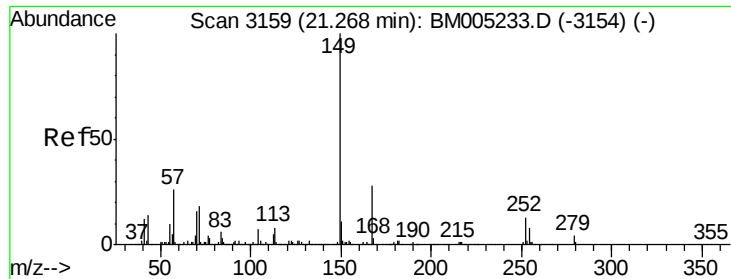
Tgt Ion:252 Resp: 414
 Ion Ratio Lower Upper
 252 100
 254 49.2 52.1 78.1#
 126 64.5 9.8 14.8#



#80
 Benzo(a)anthracene
 Concen: 44.36 ng/ul
 RT: 21.35 min Scan# 3173
 Delta R.T. 0.01 min
 Lab File: BM005240.D
 Acq: 05 May 2016 18:26

Tgt Ion:228 Resp: 1736454
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.5 23.3
 226 28.6 21.8 32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng/ul

RT: 21.27 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

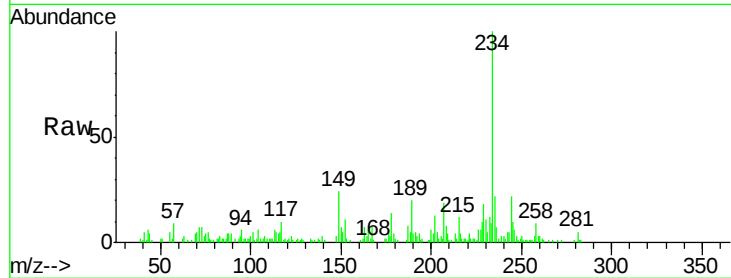
Tgt Ion:149 Resp: 8544

Ion Ratio Lower Upper

149 100

167 31.6 21.9 32.9

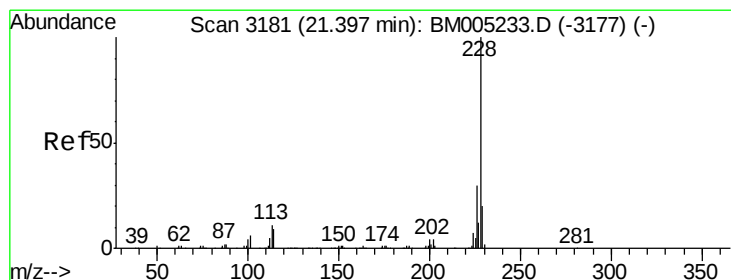
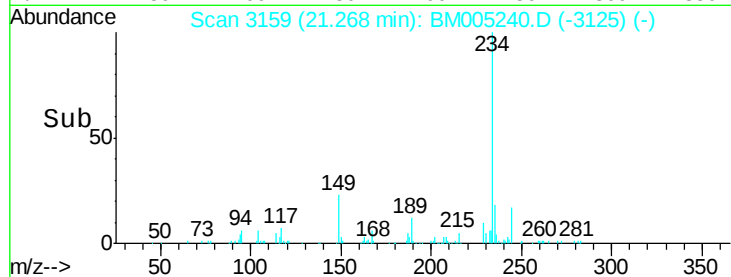
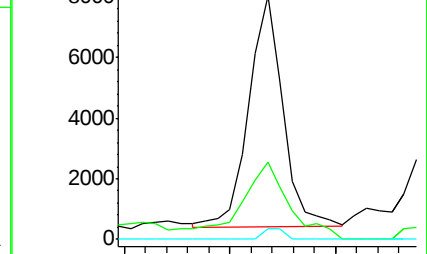
279 4.2 3.0 4.4



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: 42.98 ng/ul

RT: 21.40 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

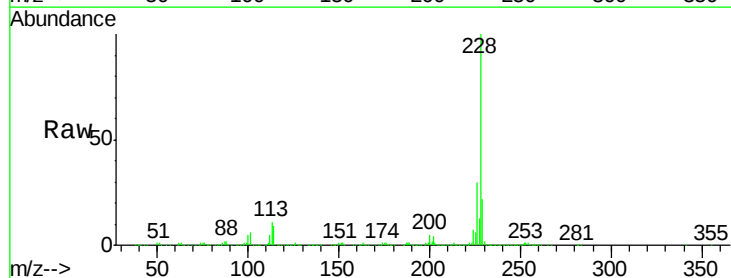
Tgt Ion:228 Resp: 1596064

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

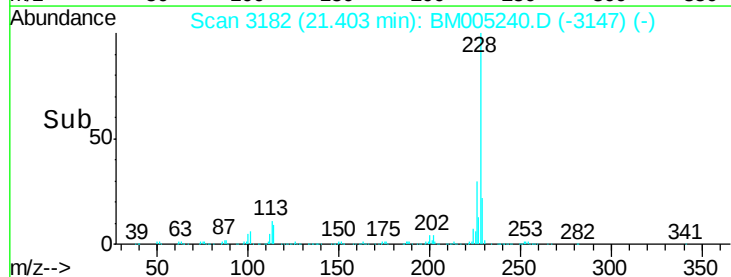
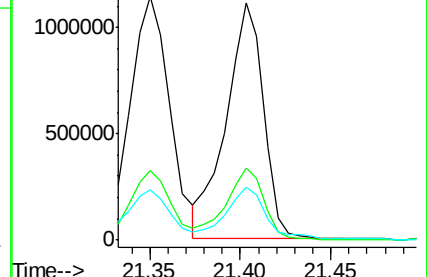
229 22.4 15.4 23.0

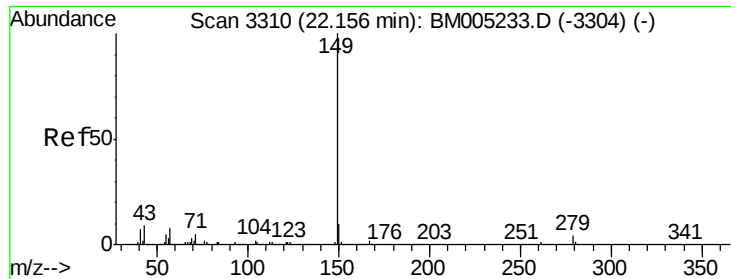


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.16 min Scan# 3311

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

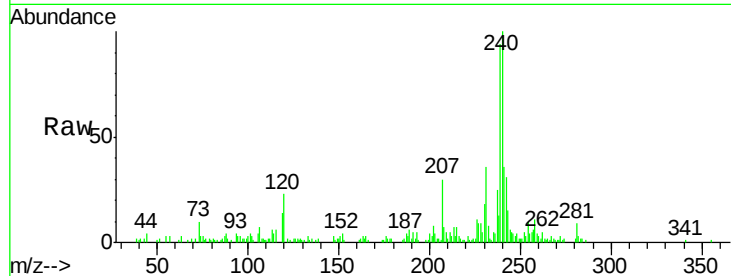
Tgt Ion:149 Resp: 610

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

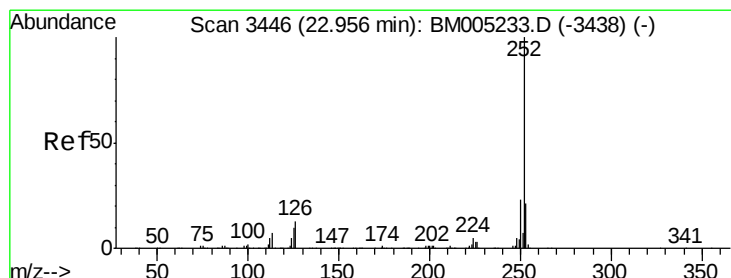
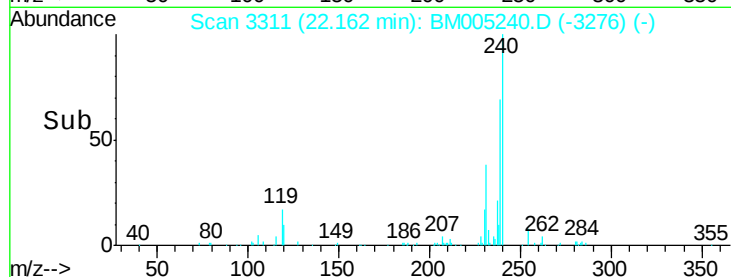
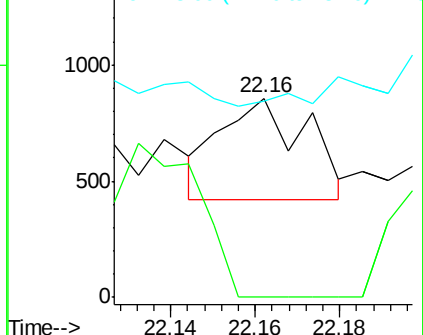
43 98.4 7.4 11.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 47.09 ng/ul

RT: 22.96 min Scan# 3447

Delta R.T. 0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

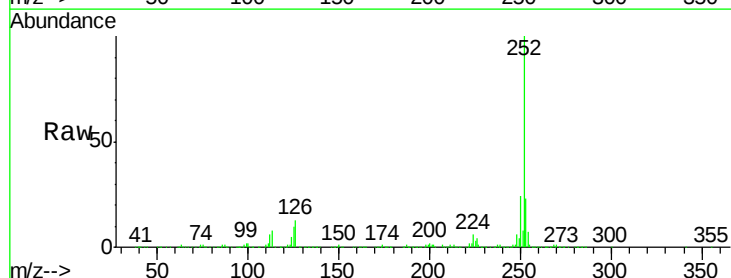
Tgt Ion:252 Resp: 1946420

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

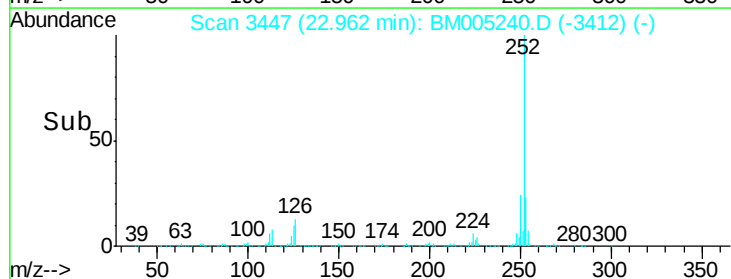
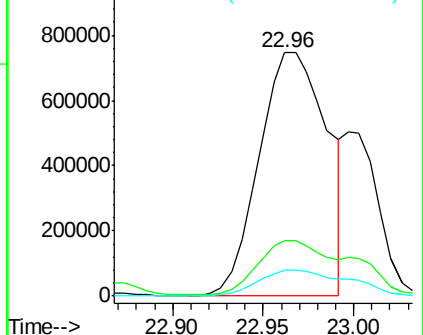
125 10.4 8.4 12.6

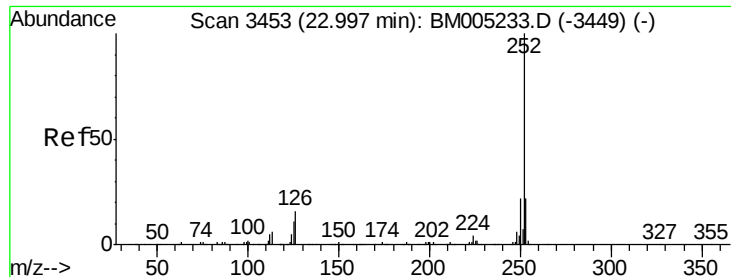


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

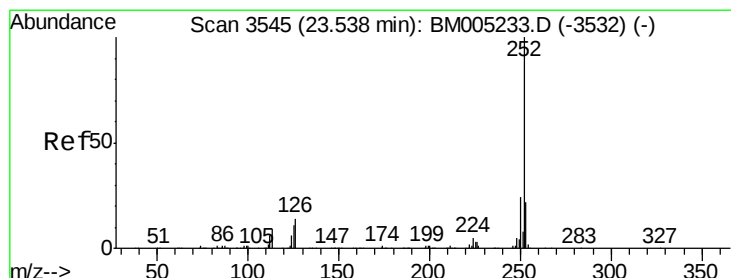
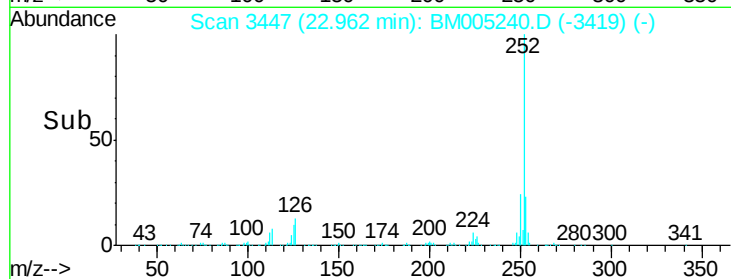
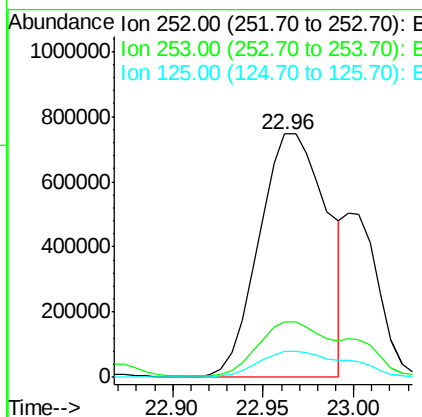
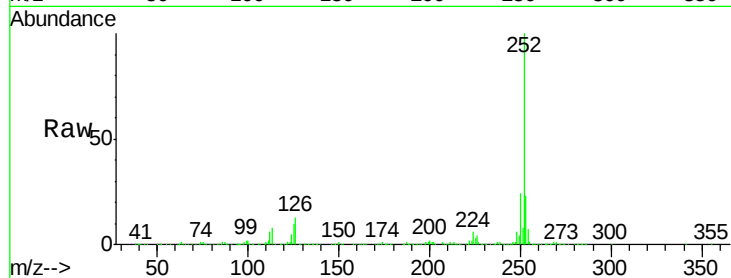




#86
Benzo(k)fluoranthene
Concen: 50.02 ng/ul
RT: 22.96 min Scan# 3447
Delta R.T. -0.04 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

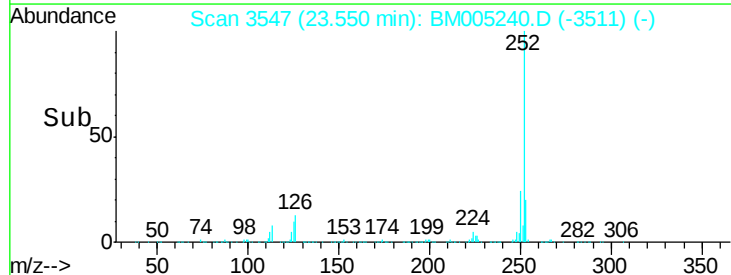
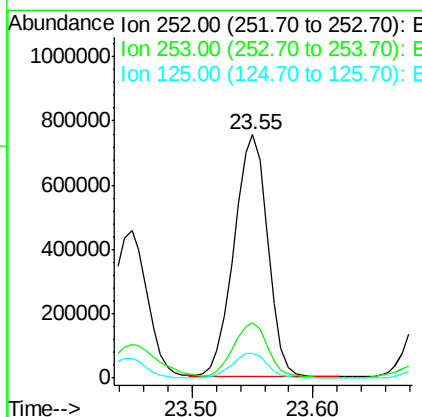
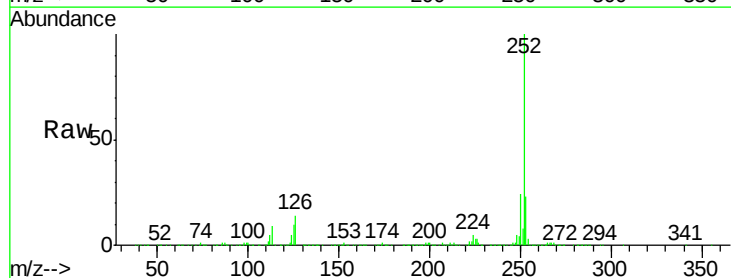
Instrument :
BNA_M
ClientSampleId :
BD3D0ME

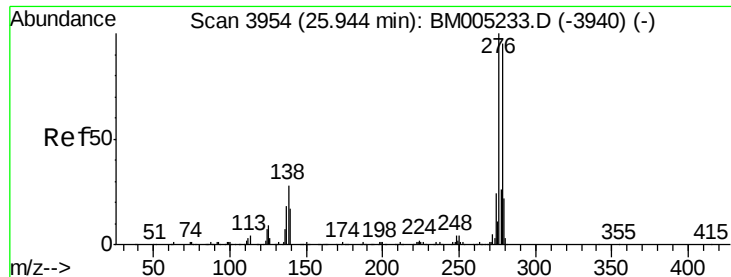
Tgt Ion:252 Resp: 1946420
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.4 8.0 12.0



#88
Benzo(a)pyrene
Concen: 37.51 ng/ul
RT: 23.55 min Scan# 3547
Delta R.T. 0.01 min
Lab File: BM005240.D
Acq: 05 May 2016 18:26

Tgt Ion:252 Resp: 1466431
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.4 8.7 13.1





#89

Indeno(1,2,3-cd)pyrene

Concen: 18.64 ng/ul

RT: 25.94 min Scan# 3954

Delta R.T. -0.00 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME

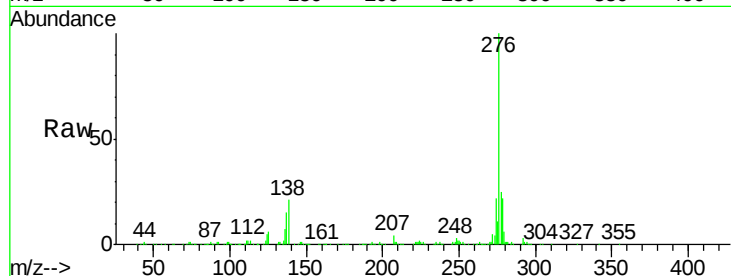
Tgt Ion:276 Resp: 795145

Ion Ratio Lower Upper

276 100

138 21.1 21.0 31.6

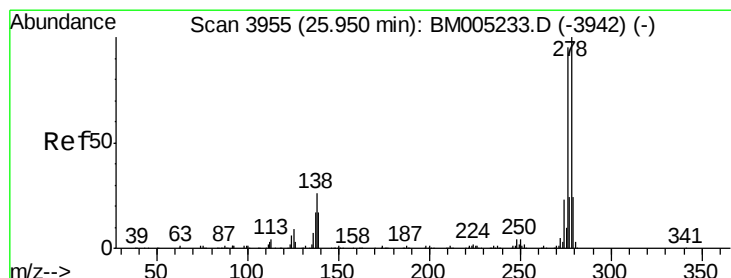
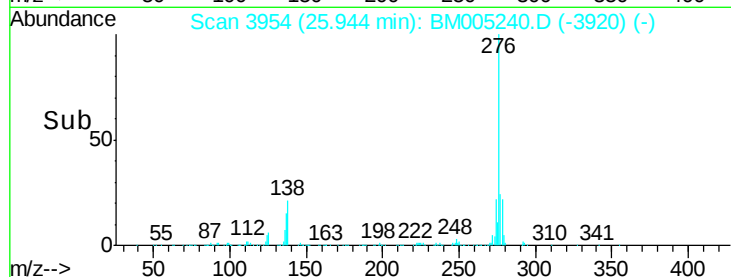
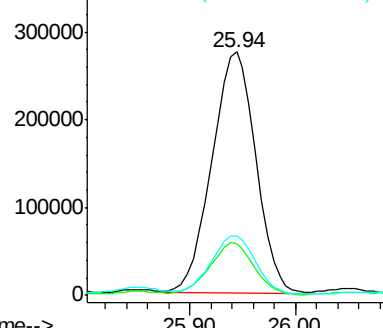
277 24.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.41 ng/ul

RT: 25.94 min Scan# 3953

Delta R.T. -0.01 min

Lab File: BM005240.D

Acq: 05 May 2016 18:26

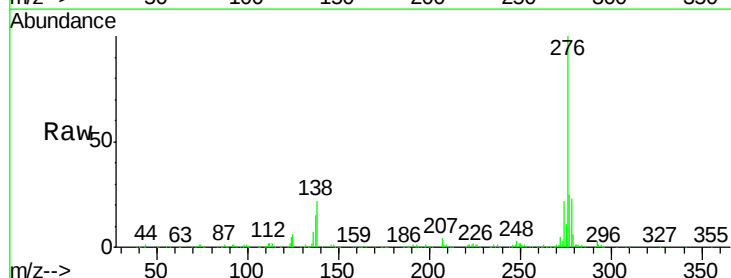
Tgt Ion:278 Resp: 192938

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

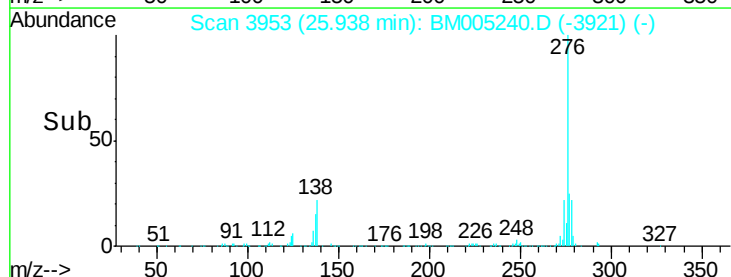
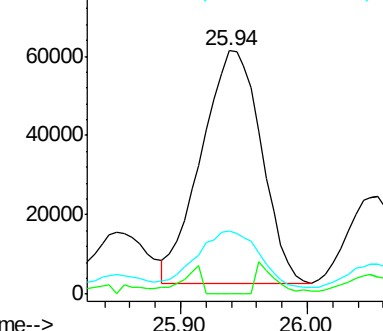
279 25.7 18.9 28.3

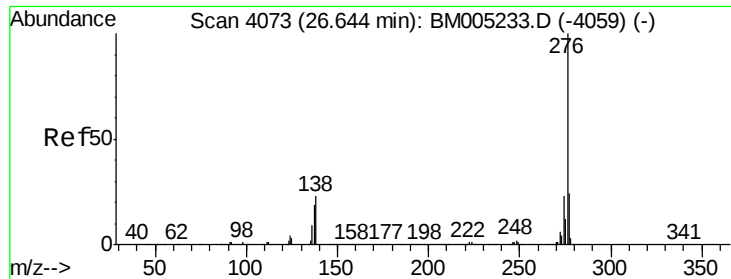


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.77 ng/ul

RT: 26.66 min Scan# 4075

Delta R.T. 0.01 min

Lab File: BM005240.D

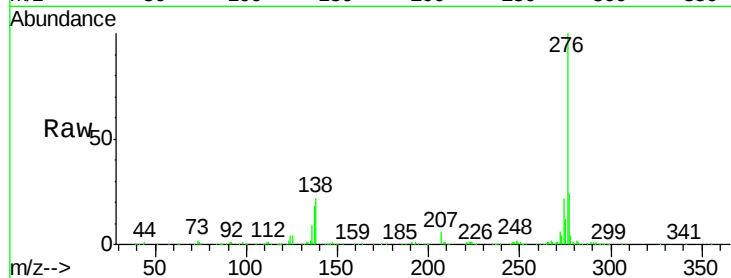
Acq: 05 May 2016 18:26

Instrument :

BNA_M

ClientSampleId :

BD3D0ME



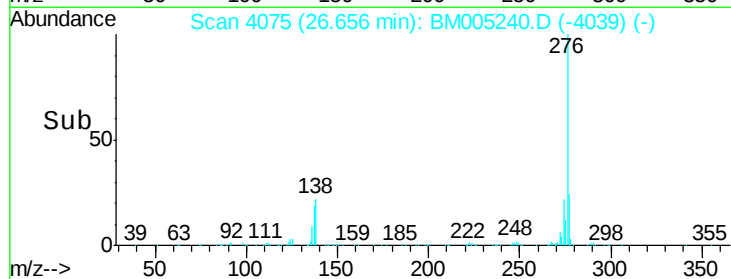
Tgt Ion: 276 Resp: 678215

Ion Ratio Lower Upper

276 100

138 22.1 18.2 27.4

277 24.2 19.4 29.2



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

