

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023174.D
 Acq On : 15 Oct 2019 19:46
 Operator : JU
 Sample : K5202-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Quant Time: Oct 16 06:49:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	2678	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	2229373	20.00	ng/ul	0.09
78) Chrysene-d12	21.39	240	699	20.00	ng/ul	0.12
86) Perylene-d12	23.62	264	322	20.00	ng/ul	0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	31683	5242.16	ng/uL	0.00
5) Phenol-d5	6.85	99	575903	24859.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	350026	26704.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	455962	25715.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	452738	24327.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	213936	12603.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	209117	12937.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	475584	11569.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	567240	11343.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1635562	7969.30	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1899787	7892.63	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	147952	4453.27	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1410663	8068.16	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	109395	12.38	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2229373	20.74	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2720535	80367.57	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2838667	173912.06	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.22	88	422	66.805	ng/uL#	24
4) Benzaldehyde	6.83	77	838	55.050	ng/ul	85
6) Phenol	6.88	94	39862	1668.495	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.22	93	1096	62.211	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.25	45	127	4.939	ng/ul#	1
14) Acetophenone	8.50	105	4905	169.078	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.53	70	108	6.740	ng/ul#	1
16) 4-Methylphenol	8.45	108	2436	122.323	ng/ul	95
20) Nitrobenzene	8.89	77	174	3.836	ng/ul#	42
21) Isophorone	9.40	82	474	4.859	ng/ul#	66
28) Naphthalene	10.52	128	6558	50.570	ng/ul#	94
30) 4-Chloroaniline	10.51	127	1007	19.463	ng/ul#	27
32) Caprolactam	11.40	113	2588	179.458	ng/ul	91
34) 2-Methylnaphthalene	12.14	142	4274	44.290	ng/ul	92
35) 1-Methylnaphthalene	12.36	142	3279	35.111	ng/ul#	79
41) 1,1'-Biphenyl	13.16	154	1091	5.354	ng/ul#	71
45) Dimethylphthalate	13.79	163	619014	3013.539	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	738	22.883	ng/ul#	30
48) Acenaphthylene	14.05	152	16289	66.187	ng/ul	97
50) Acenaphthene	14.39	153	11850	69.148	ng/ul	92
53) 4-Nitrophenol	14.51	109	433	14.468	ng/ul#	1
54) Dibenzofuran	14.73	168	8469	34.812	ng/ul#	81
55) 2,4-Dinitrotoluene	14.70	165	375	7.949	ng/ul#	37

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

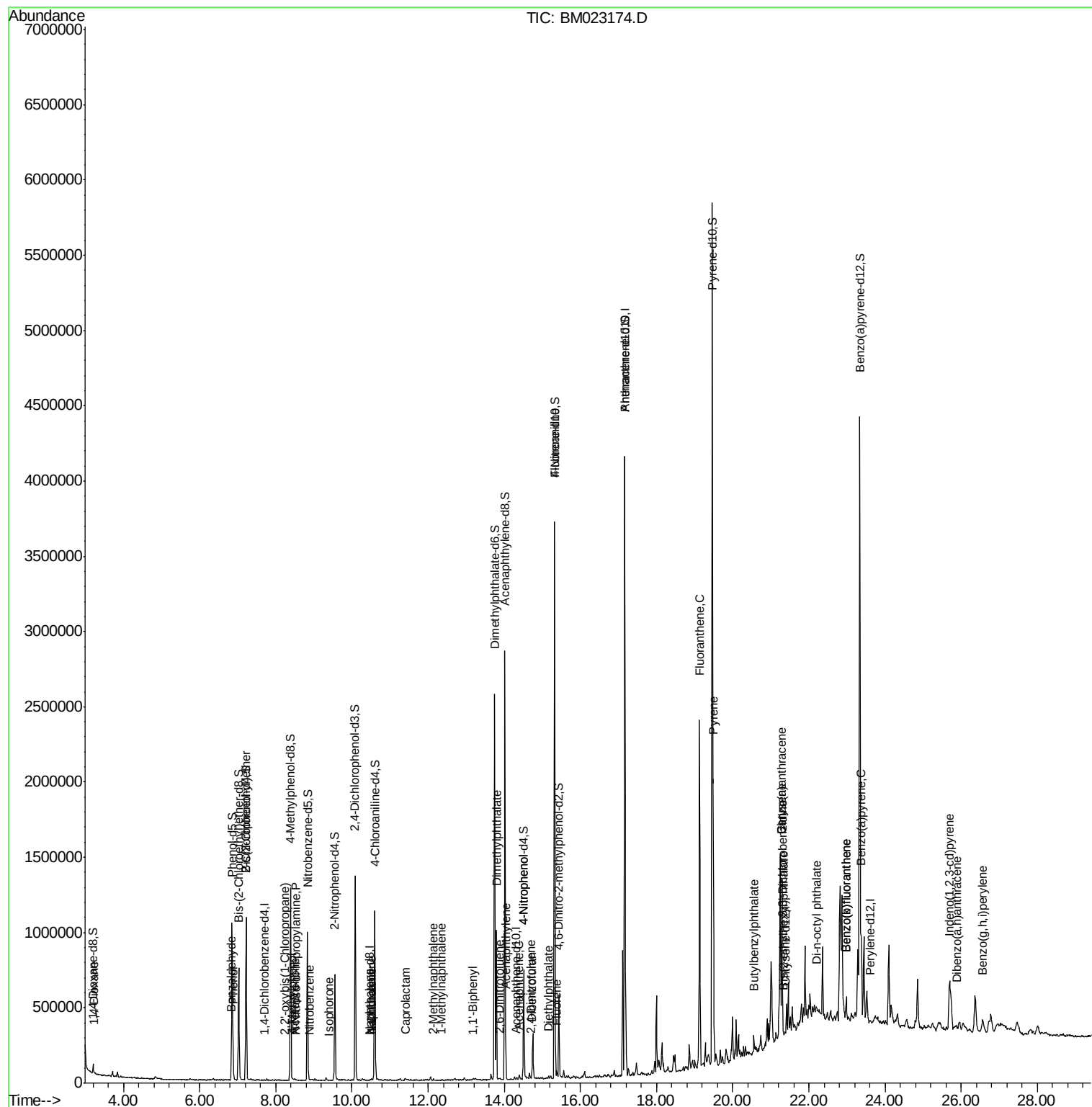
57) Diethylphthalate	15.16	149	3757	17.909	ng/ul#	93
59) Fluorene	15.38	166	17452	87.434	ng/ul	99
61) 4-Nitroaniline	15.32	138	776	18.559	ng/ul#	1
77) Fluoranthene	19.13	202	1384326	9.303	ng/ul	98
80) Pyrene	19.49	202	1113010	25417.344	ng/ul	98
81) Butylbenzylphthalate	20.55	149	194	12.738	ng/ul#	20
82) 3,3'-Dichlorobenzidine	21.31	252	4050	239.183	ng/ul#	1
83) Benzo(a)anthracene	21.29	228	599833	12664.722	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.34	149	441	18.210	ng/ul#	90
85) Chrysene	21.29	228	599624	13634.729	ng/ul	98
87) Di-n-octyl phthalate	22.22	149	1509	90.835	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	89467	4582.636	ng/ul#	91
89) Benzo(k)fluoranthene	22.98	252	89467	4772.519	ng/ul#	90
91) Benzo(a)pyrene	23.38	252	509457	27199.328	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	222450	9983.155	ng/ul	98
93) Dibenzo(a,h)anthracene	25.89	278	114	6.119	ng/ul#	1
94) Benzo(g,h,i)perylene	26.56	276	1893	103.183	ng/ul#	1

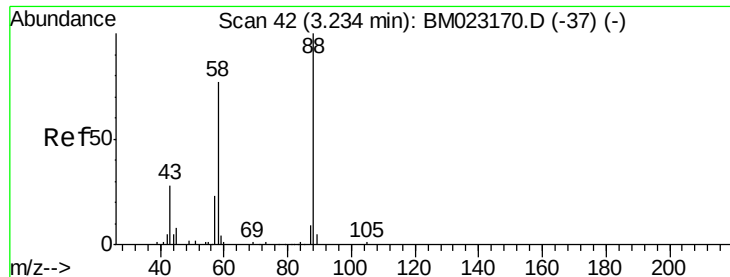
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 66.805 ng/uL

RT: 3.22 min Scan# 40

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

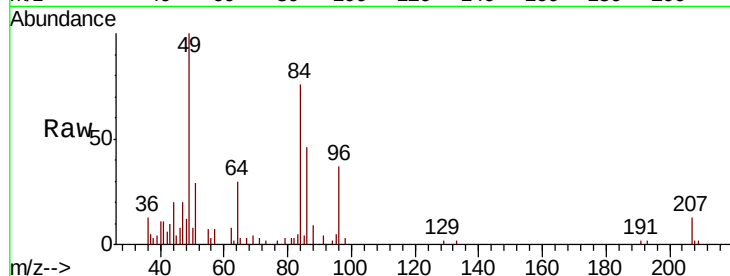
Tot Ion: 88 Resp: 422

Ion Ratio Lower Upper

88 100

43 112.0 52.2 78.4#

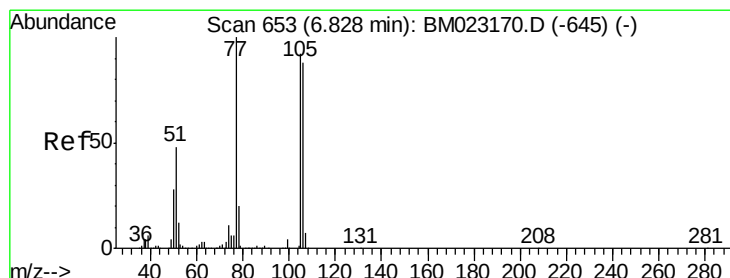
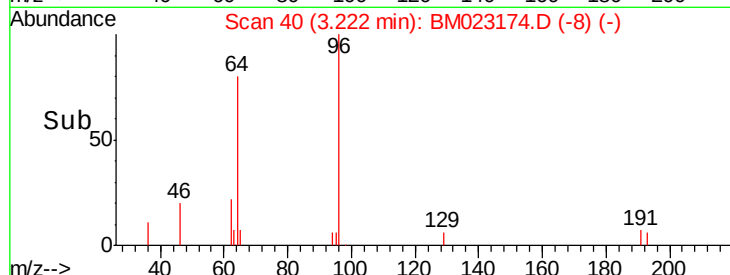
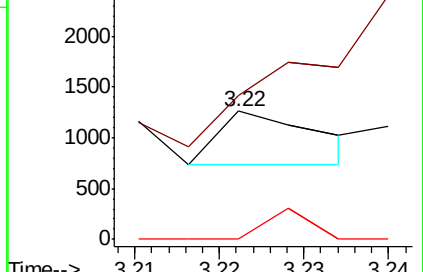
58 0.0 63.8 95.8#



Abundance Ion 88.00 (87.70 to 88.70): BM023174.D (-37) (-)

Ion 43.00 (42.70 to 43.70): BM023174.D (-37) (-)

Ion 58.00 (57.70 to 58.70): BM023174.D (-37) (-)



#4

Benzaldehyde

Concen: 55.050 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

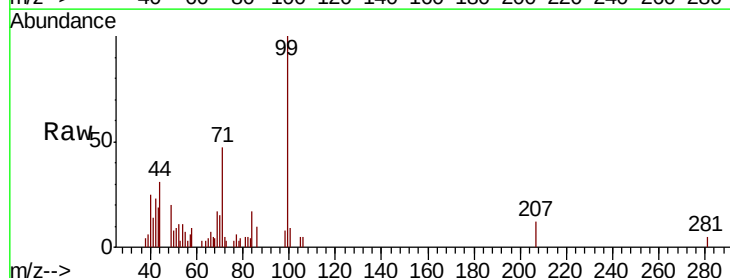
Tgt Ion: 77 Resp: 838

Ion Ratio Lower Upper

77 100

105 80.1 74.6 111.8

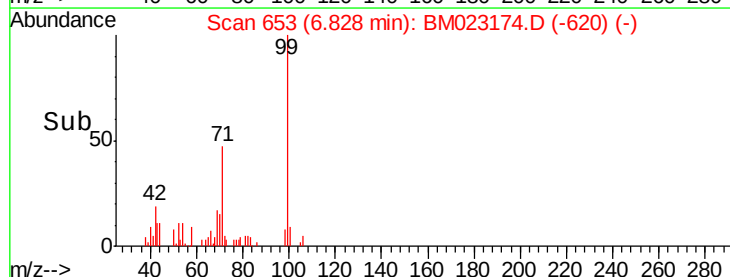
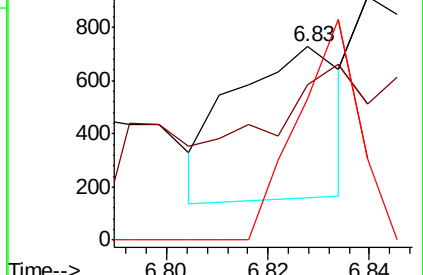
106 72.9 70.2 105.2

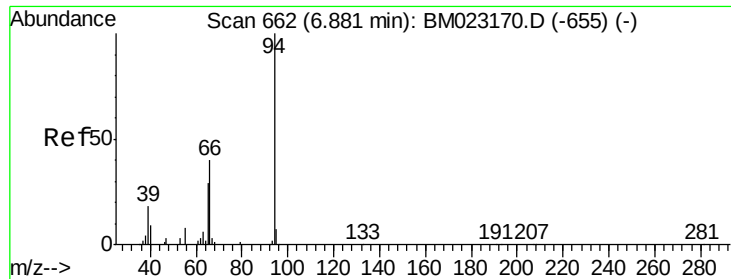


Abundance Ion 77.00 (76.70 to 77.70): BM023174.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM023174.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM023174.D (-645) (-)





#6

Phenol

Concen: 1668.495 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

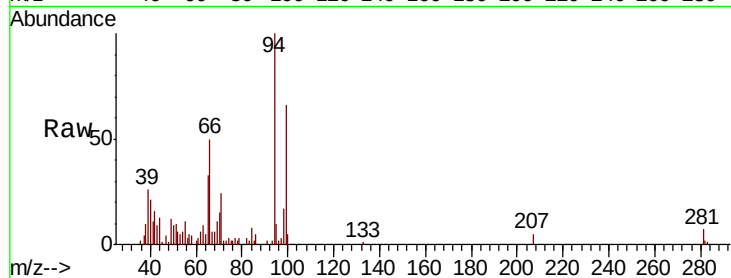
Tot Ion: 94 Resp: 39862

Ion Ratio Lower Upper

94 100

65 32.8 23.7 35.5

66 49.9 32.9 49.3#

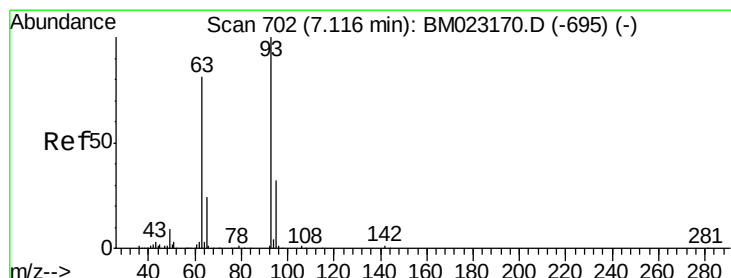
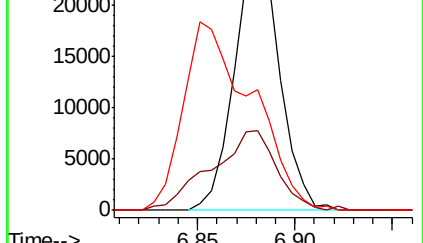
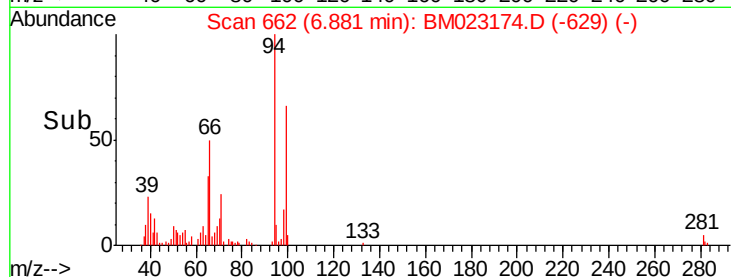


Abundance Ion 94.00 (93.70 to 94.70): BM023174.D (-655) (-)

Ion 65.00 (64.70 to 65.70): BM023174.D (-655) (-)

Ion 66.00 (65.70 to 66.70): BM023174.D (-655) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 62.211 ng/ul

RT: 7.22 min Scan# 720

Delta R.T. 0.10 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

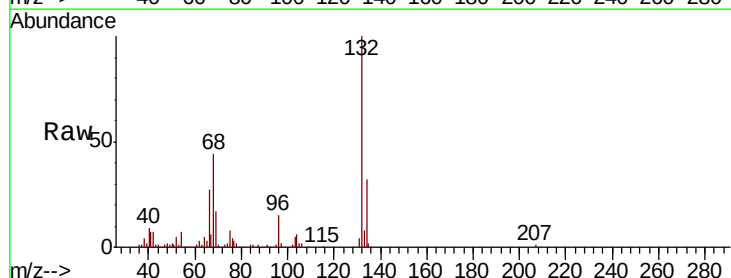
Tgt Ion: 93 Resp: 1096

Ion Ratio Lower Upper

93 100

63 443.4 63.0 94.4#

95 263.7 26.8 40.2#

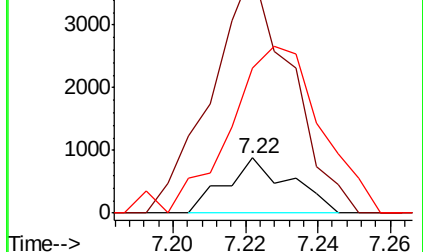
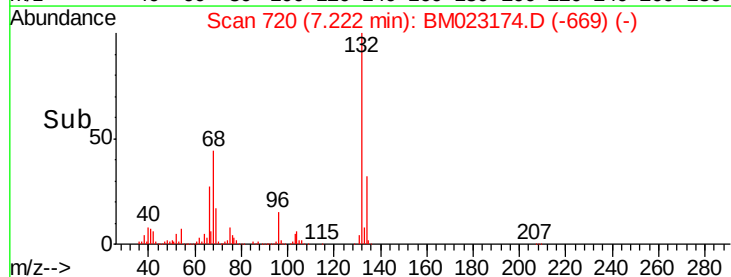


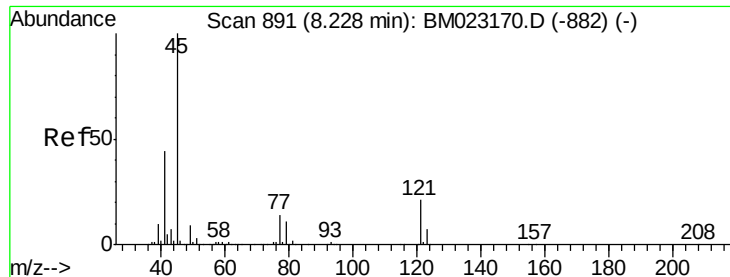
Abundance Ion 93.00 (92.70 to 93.70): BM023174.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BM023174.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM023174.D (-695) (-)

Time-->





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 4.939 ng/ul

RT: 8.25 min Scan# 894

Delta R.T. 0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

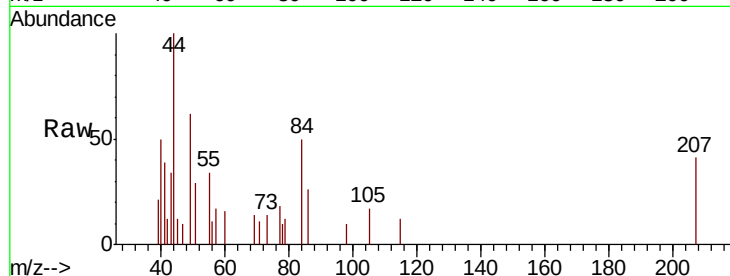
Tot Ion: 45 Resp: 127

Ion Ratio Lower Upper

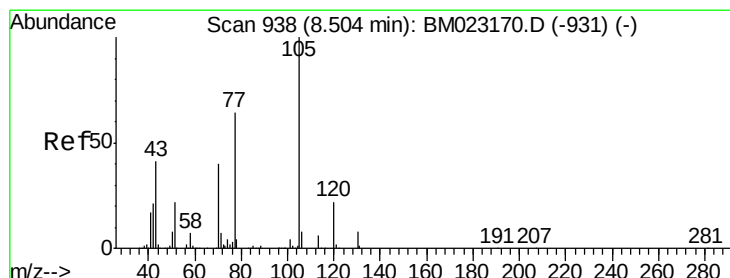
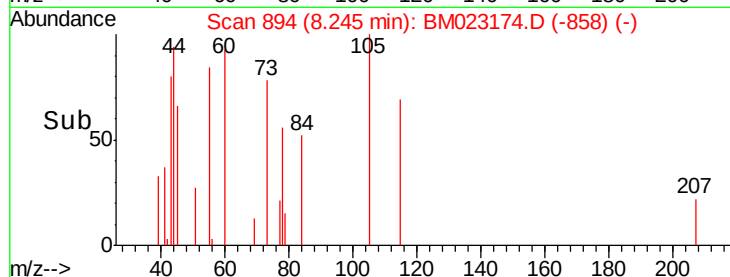
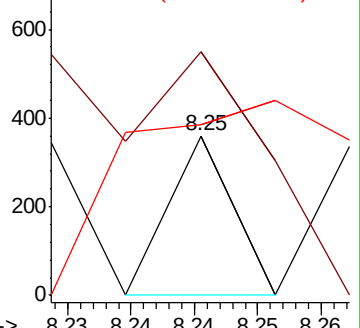
45 100

77 152.5 12.0 18.0#

79 106.9 9.0 13.4#



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0



#14

Acetophenone

Concen: 169.078 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

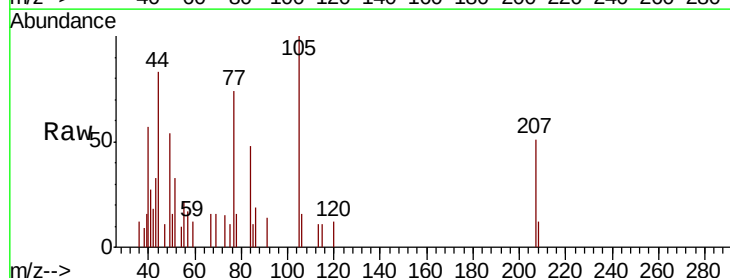
Tgt Ion: 105 Resp: 4905

Ion Ratio Lower Upper

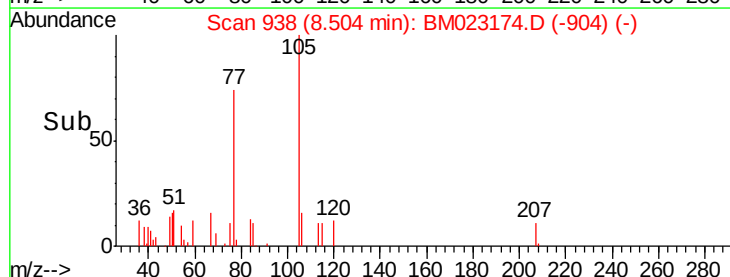
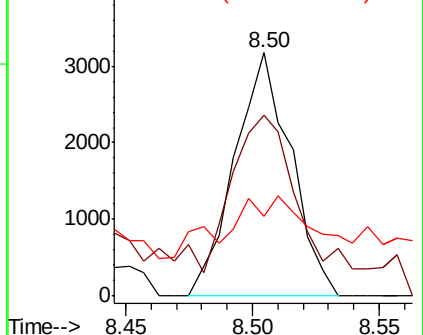
105 100

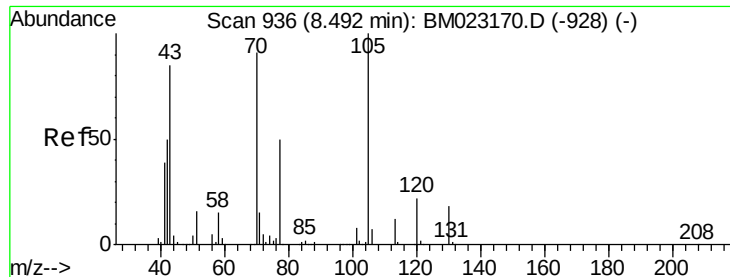
77 74.4 63.9 95.9

51 32.7 21.6 32.4#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 6.740 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. 0.03 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

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ClientSampleId :

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Tot Ion: 70 Resp: 108

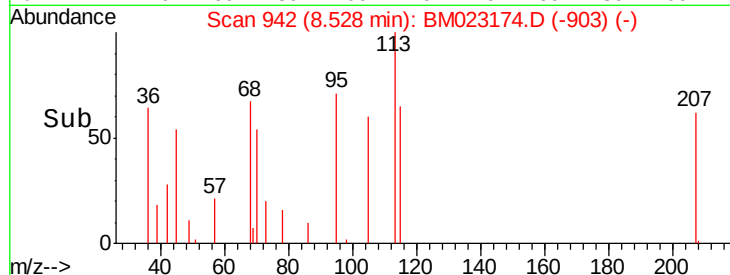
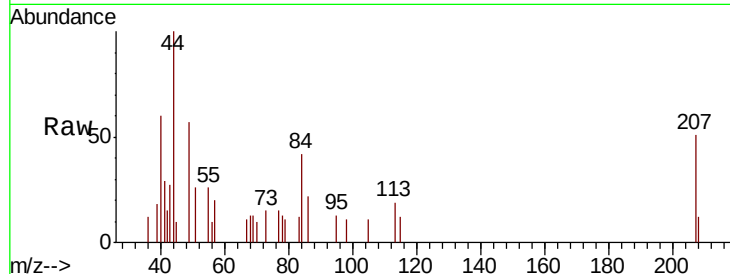
Ion Ratio Lower Upper

70 100

42 153.7 45.4 68.0#

101 0.0 7.4 11.0#

130 0.0 15.9 23.9#

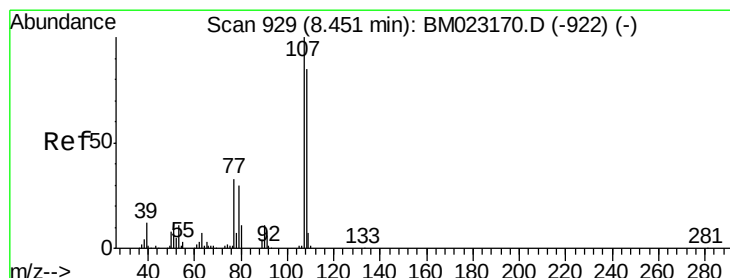
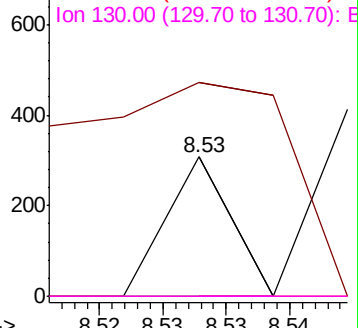


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 122.323 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM023174.D

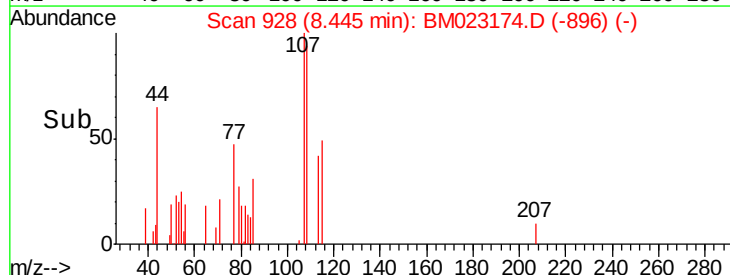
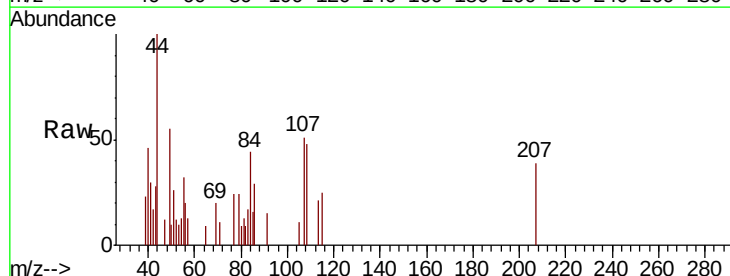
Acq: 15 Oct 2019 19:46

Tgt Ion: 108 Resp: 2436

Ion Ratio Lower Upper

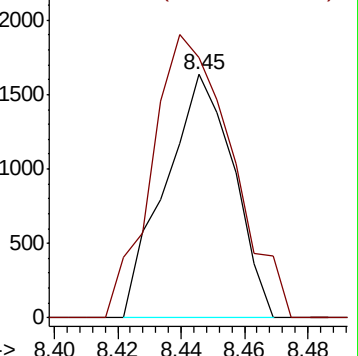
108 100

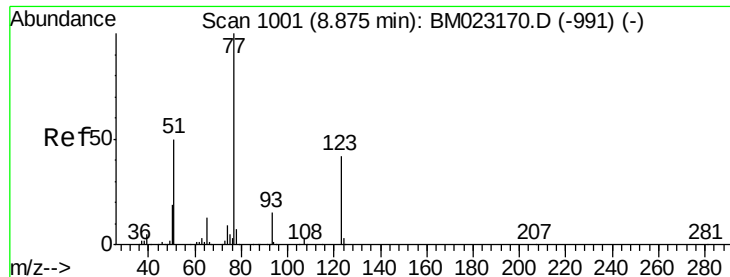
107 106.7 89.3 133.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

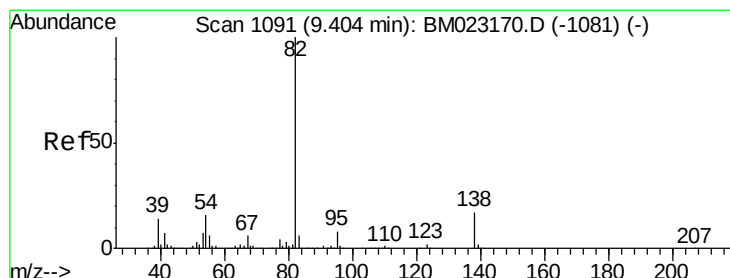
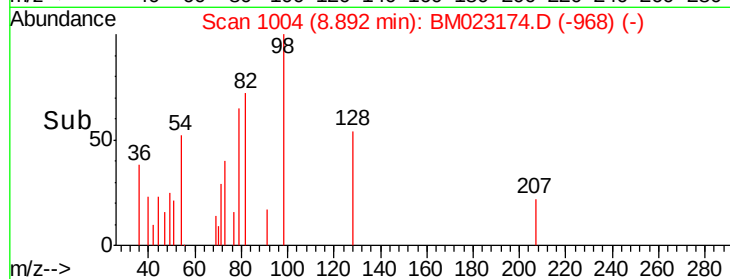
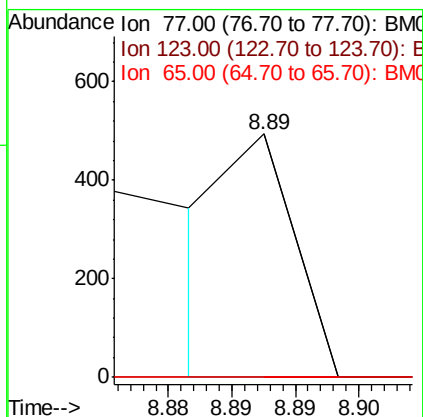
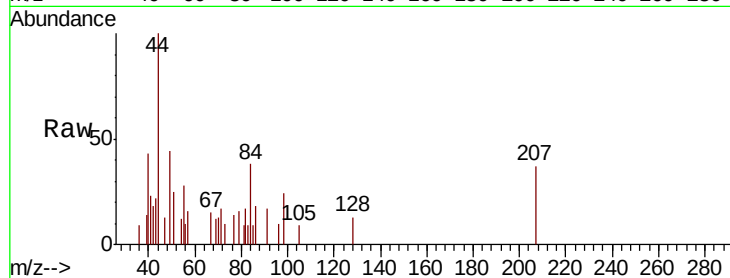




#20
Nitrobenzene
Concen: 3.836 ng/ul
RT: 8.89 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BM023174.D
Acq: 15 Oct 2019 19:46

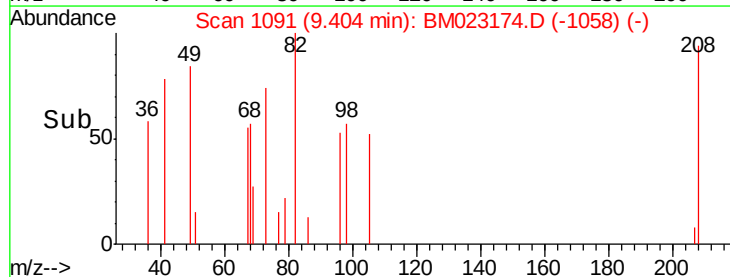
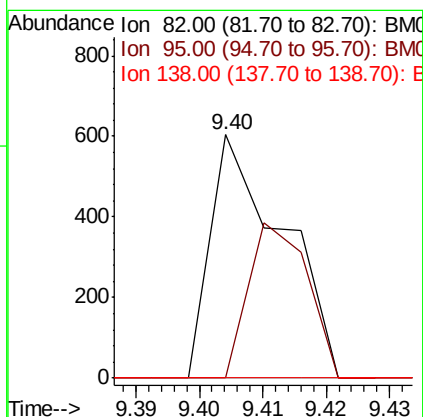
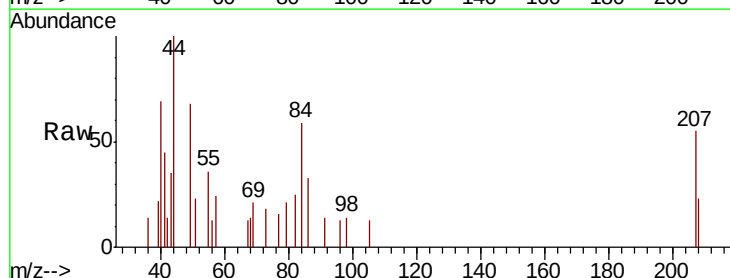
Instrument :
BNA_M
ClientSampled :
C0AA0

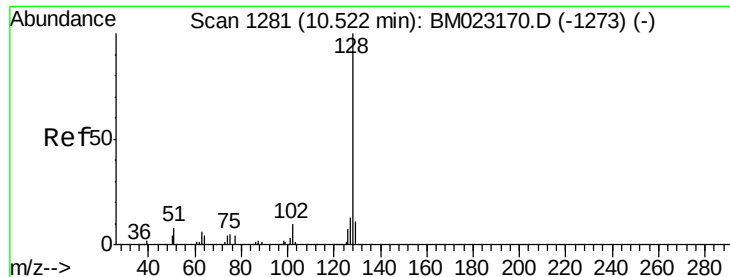
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	0.0	10.3	15.5#



#21
Isophorone
Concen: 4.859 ng/ul
RT: 9.40 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BM023174.D
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.4#
138	0.0	13.8	20.8#





#28

Naphthalene

Concen: 50.570 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

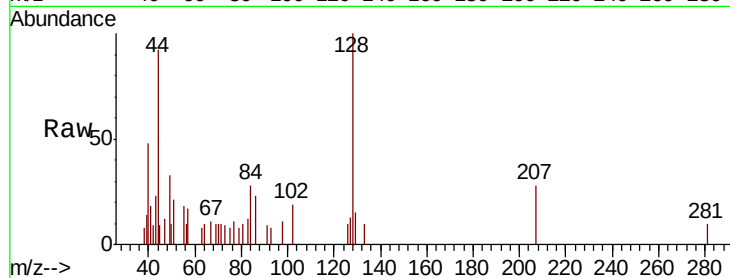
Tot Ion:128 Resp: 6558

Ion Ratio Lower Upper

128 100

129 14.6 8.3 12.5#

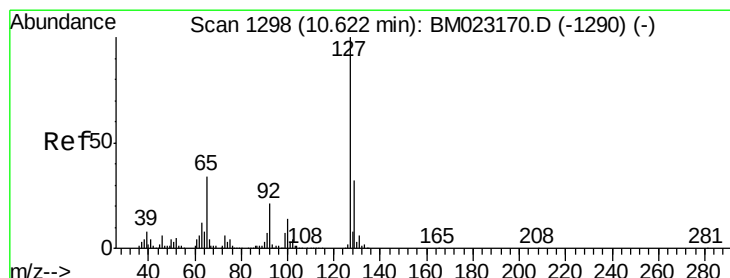
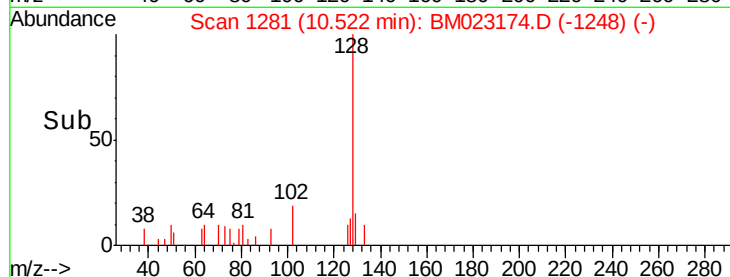
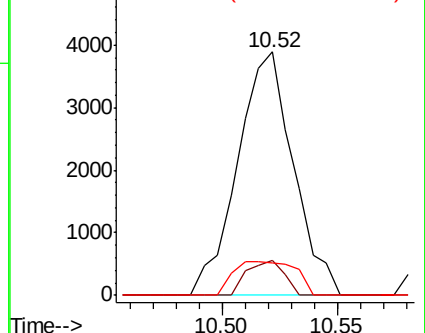
127 13.2 10.2 15.4



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: 19.463 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. -0.12 min

Lab File: BM023174.D

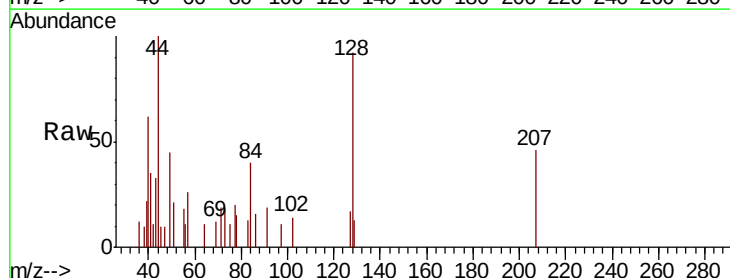
Acq: 15 Oct 2019 19:46

Tgt Ion:127 Resp: 1007

Ion Ratio Lower Upper

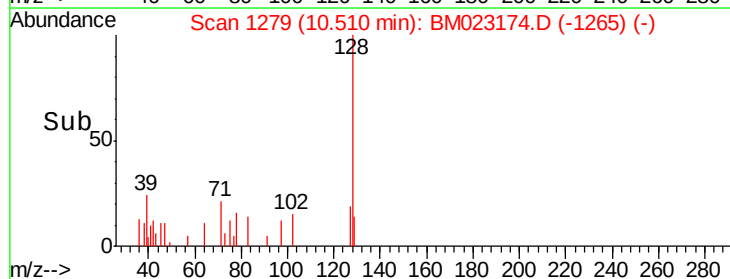
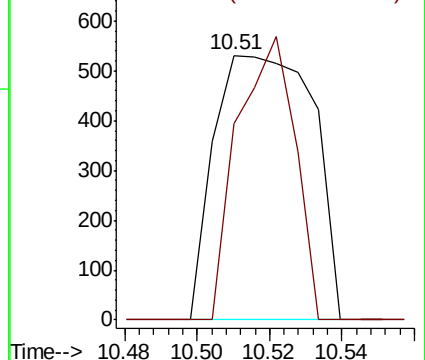
127 100

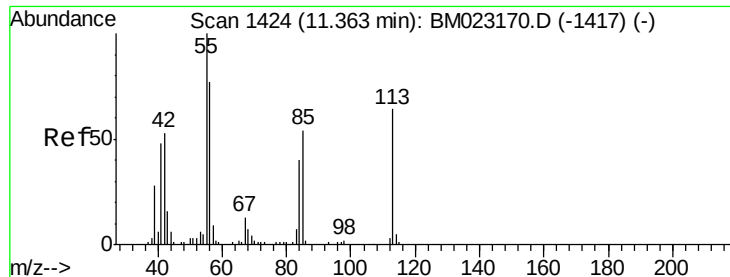
129 74.2 26.3 39.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 179.458 ng/ul

RT: 11.40 min Scan# 1431

Delta R.T. 0.04 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

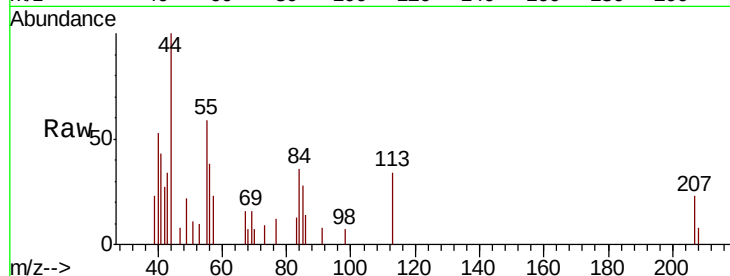
Tot Ion:113 Resp: 2588

Ion Ratio Lower Upper

113 100

55 174.3 145.0 217.6

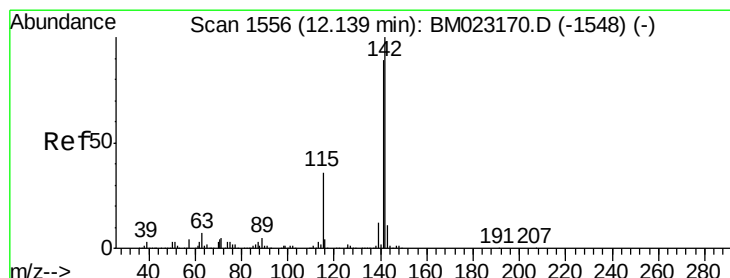
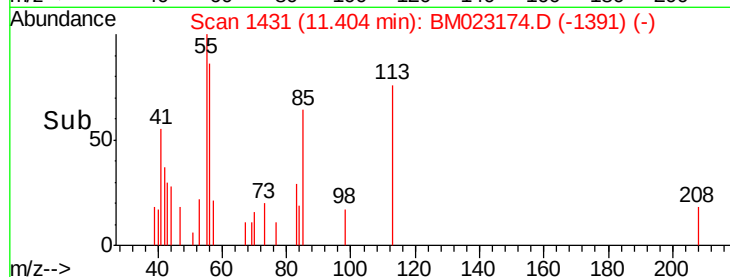
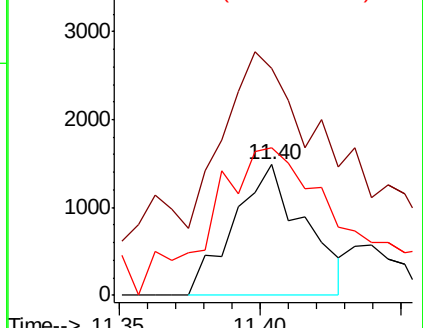
56 113.1 103.0 154.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 44.290 ng/ul

RT: 12.14 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BM023174.D

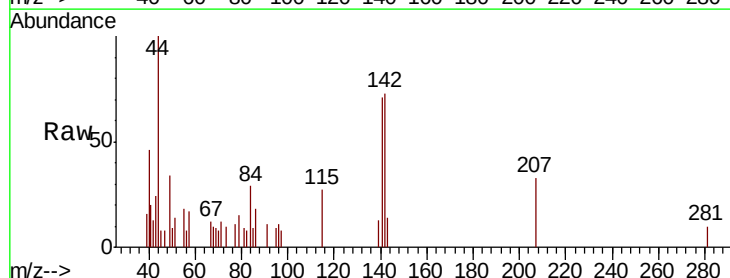
Acq: 15 Oct 2019 19:46

Tgt Ion:142 Resp: 4274

Ion Ratio Lower Upper

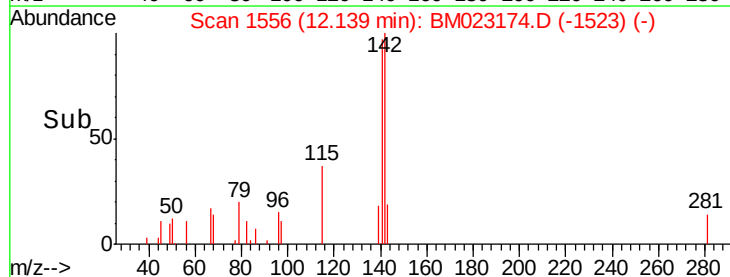
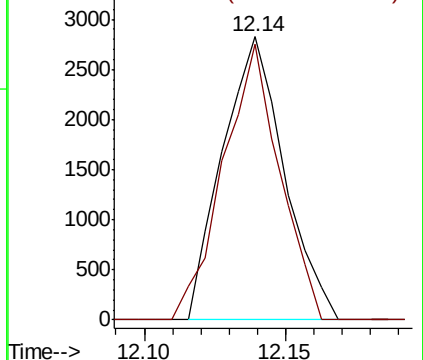
142 100

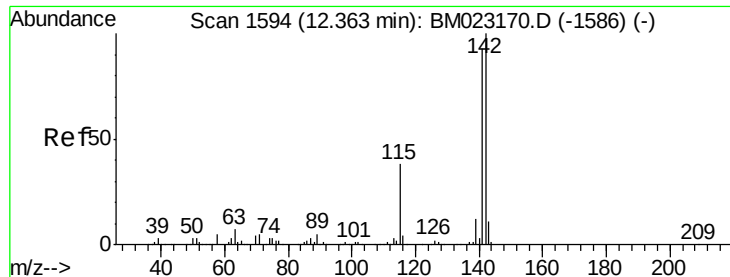
141 97.2 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 35.111 ng/ul

RT: 12.36 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

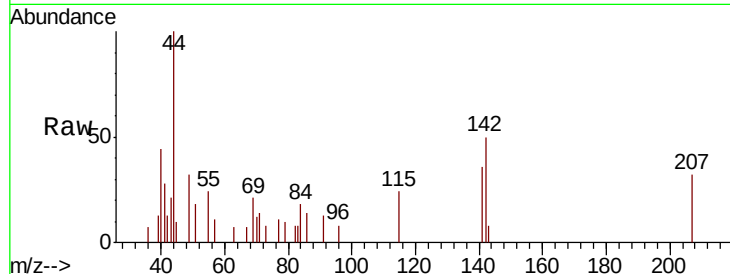
Tot Ion:142 Resp: 3279

Ion Ratio Lower Upper

142 100

141 71.9 74.2 111.2#

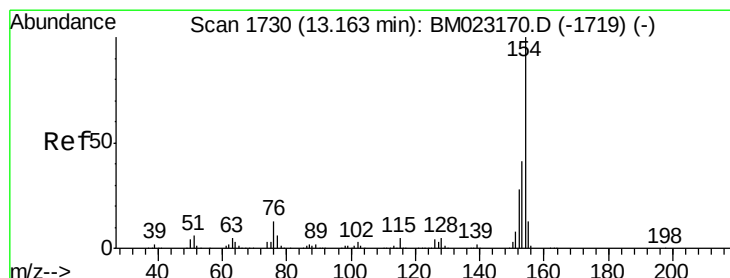
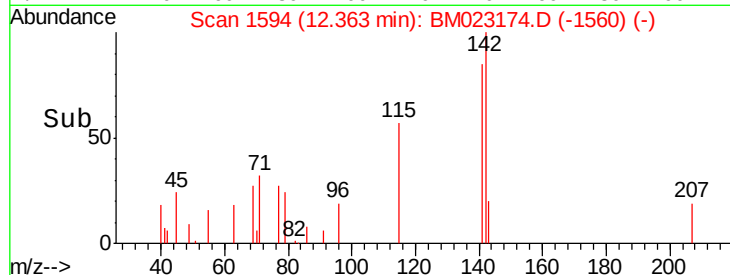
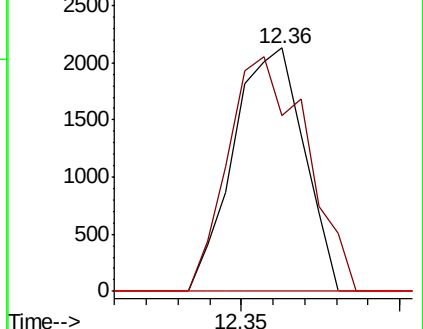
116 0.0 3.3 4.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 5.354 ng/ul

RT: 13.16 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

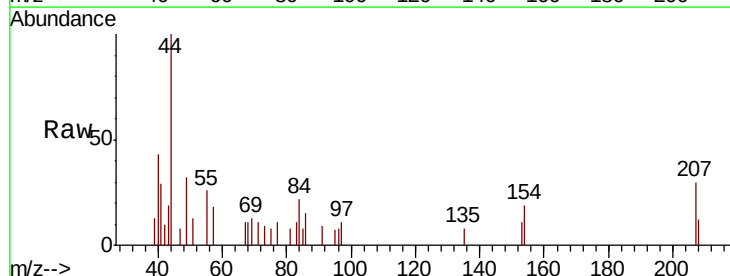
Tgt Ion:154 Resp: 1091

Ion Ratio Lower Upper

154 100

153 58.6 33.1 49.7#

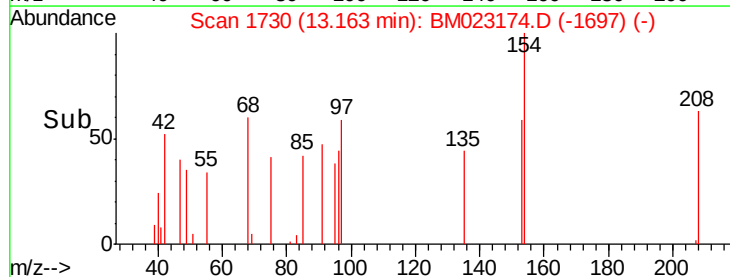
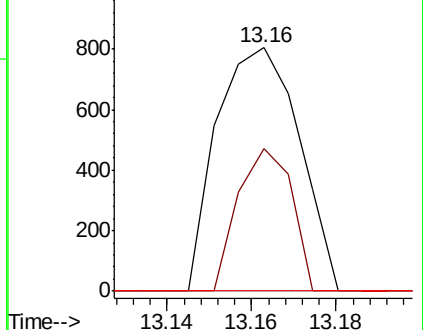
76 0.0 10.6 15.8#

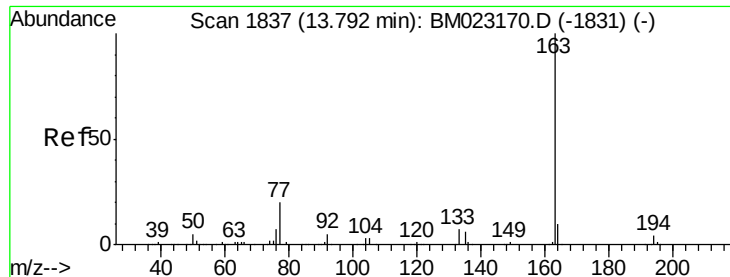


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#45

Dimethylphthalate

Concen: 3013.539 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

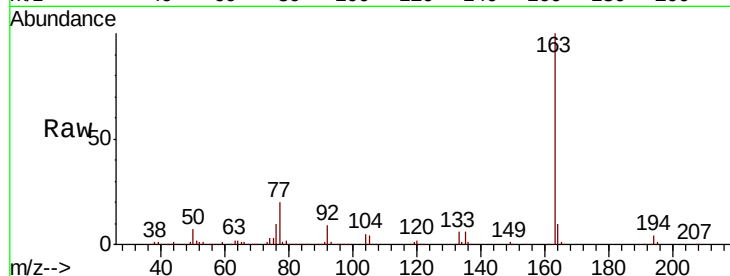
Tot Ion:163 Resp: 619014

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

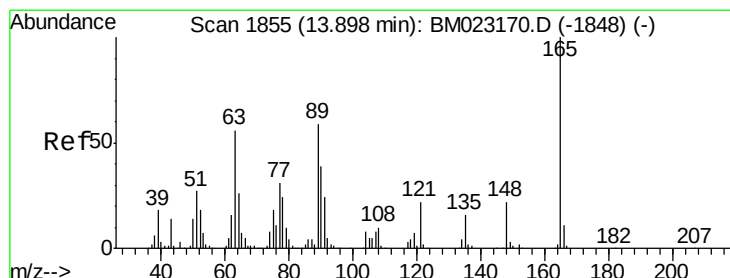
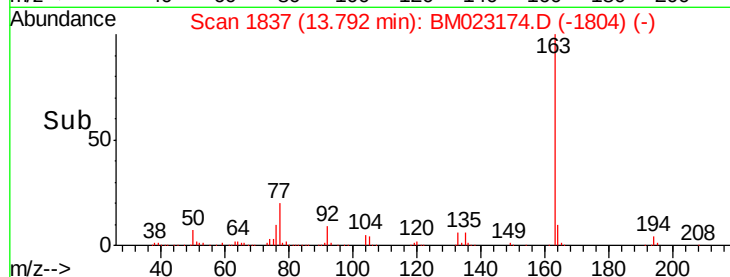
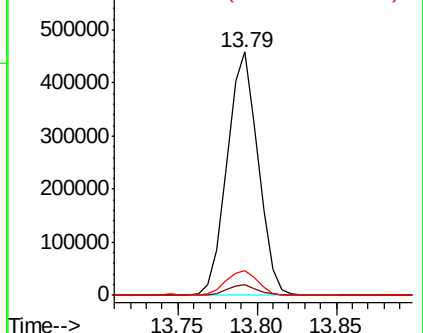
164 10.0 8.0 12.0



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



#46

2,6-Dinitrotoluene

Concen: 22.883 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

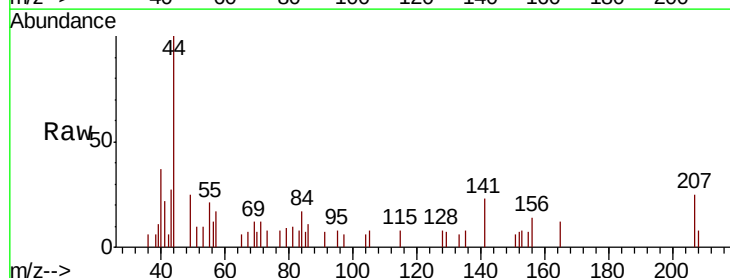
Tgt Ion:165 Resp: 738

Ion Ratio Lower Upper

165 100

89 0.0 46.8 70.2#

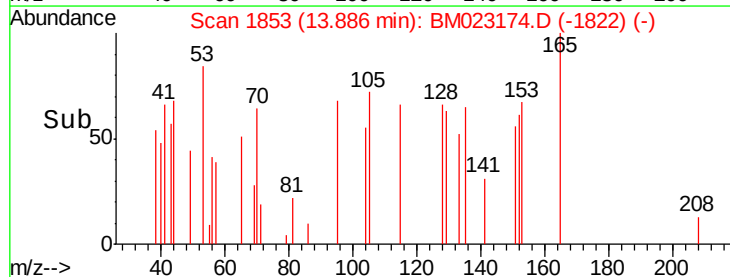
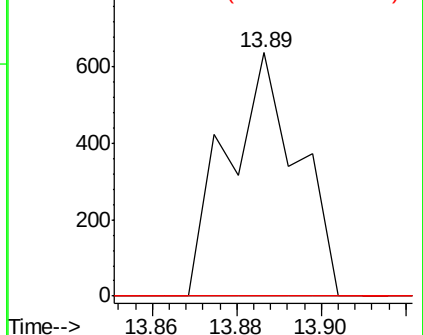
121 0.0 18.4 27.6#

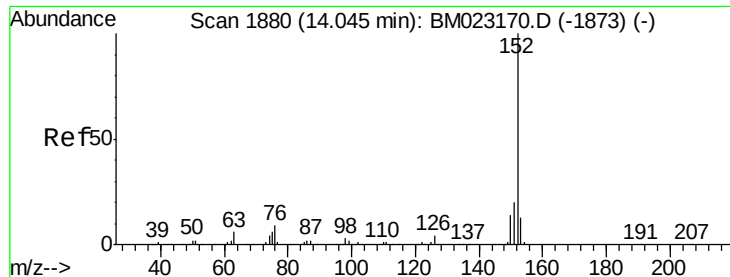


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 66.187 ng/ul

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

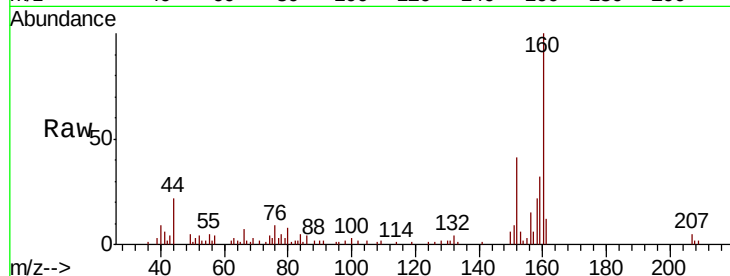
Tot Ion:152 Resp: 16289

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.6

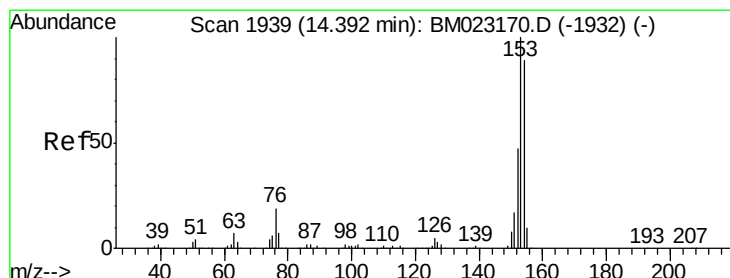
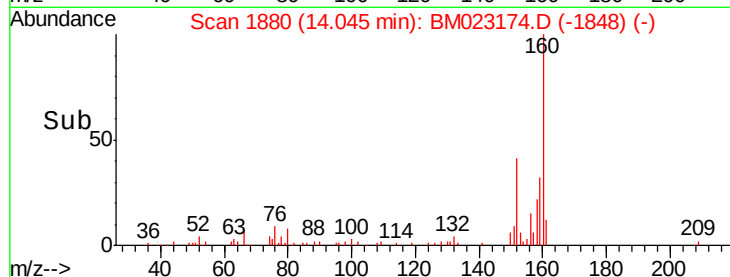
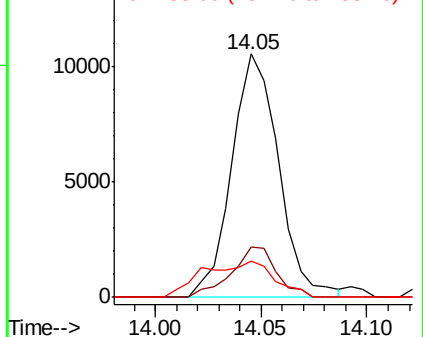
153 14.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 69.148 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

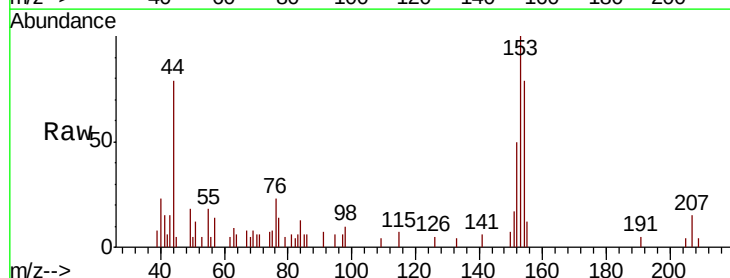
Tgt Ion:153 Resp: 11850

Ion Ratio Lower Upper

153 100

152 50.1 38.0 57.0

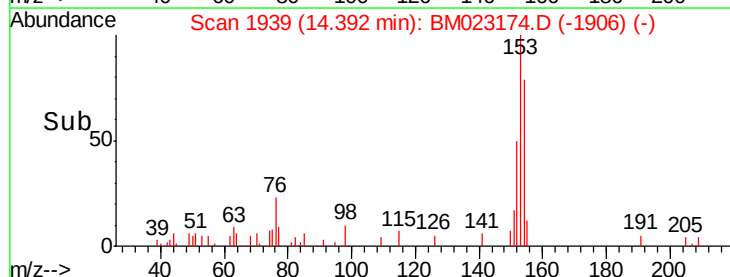
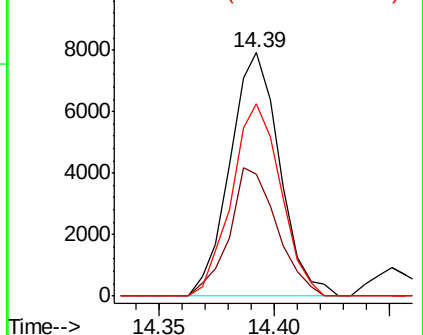
154 79.1 70.4 105.6

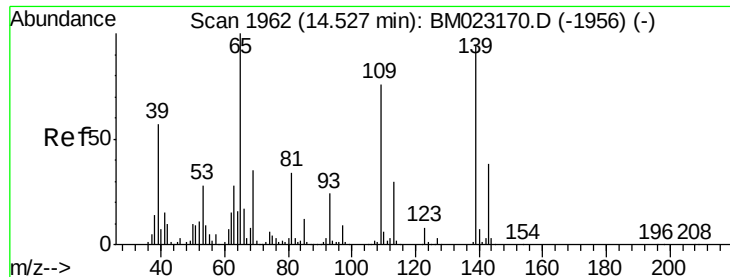


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 14.468 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

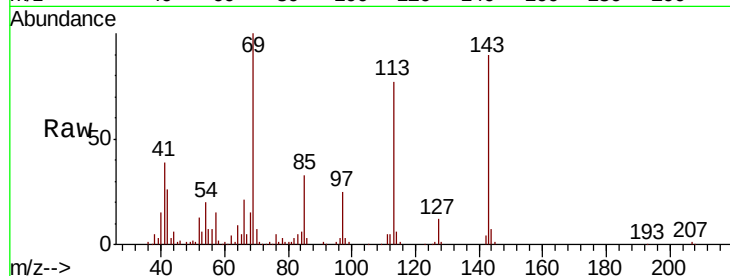
Tot Ion:109 Resp: 433

Ion Ratio Lower Upper

109 100

139 0.0 92.3 138.5#

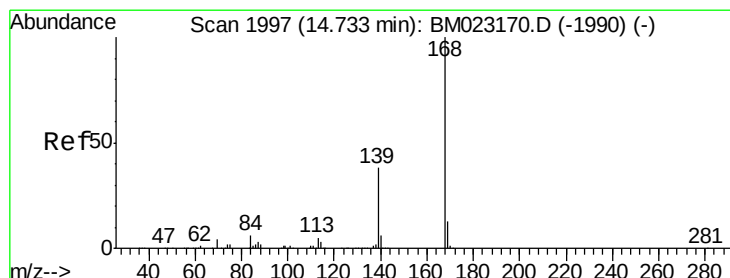
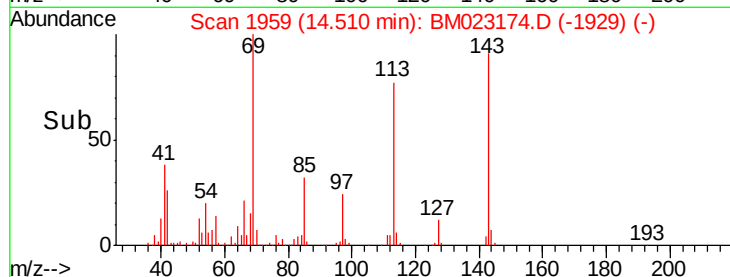
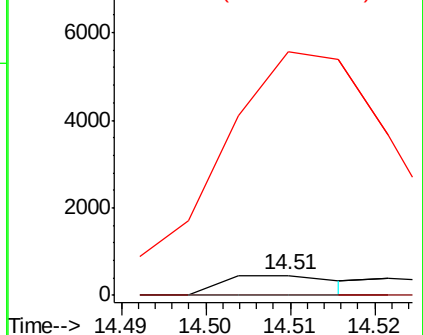
65 1227.8 100.2 150.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

Dibenzofuran

Concen: 34.812 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM023174.D

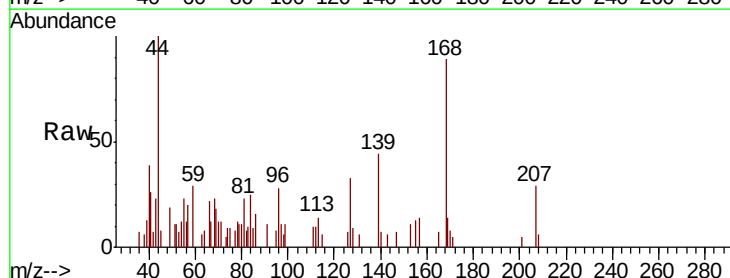
Acq: 15 Oct 2019 19:46

Tgt Ion:168 Resp: 8469

Ion Ratio Lower Upper

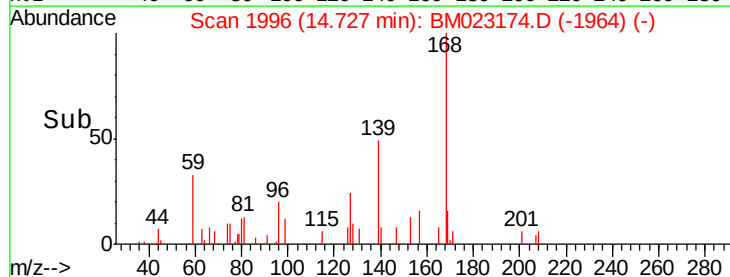
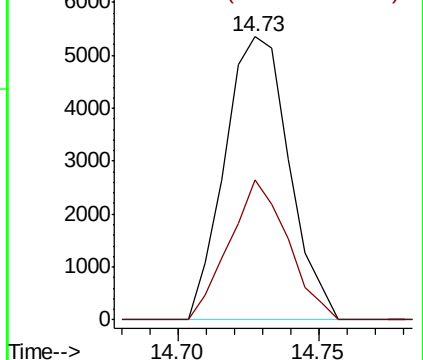
168 100

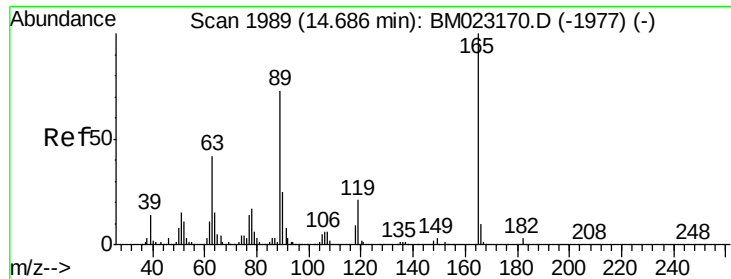
139 49.3 30.1 45.1#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

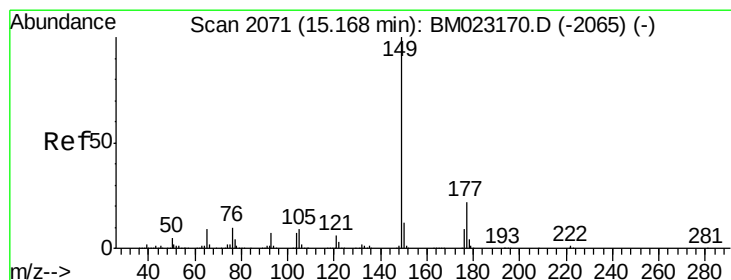
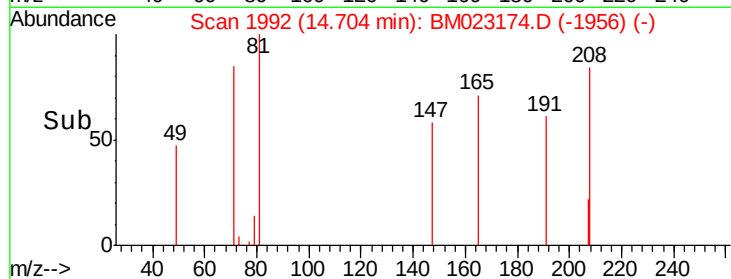
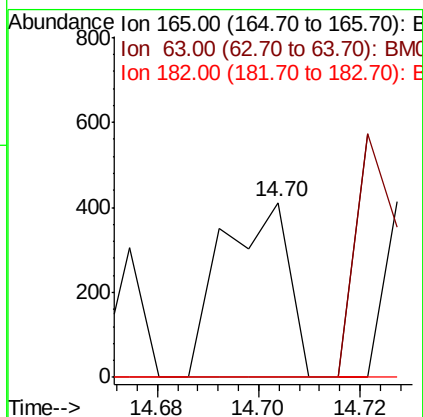
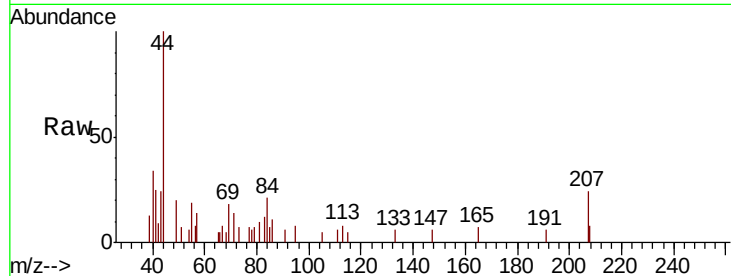




#55
 2,4-Dinitrotoluene
 Concen: 7.949 ng/ul
 RT: 14.70 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BM023174.D
 Acq: 15 Oct 2019 19:46

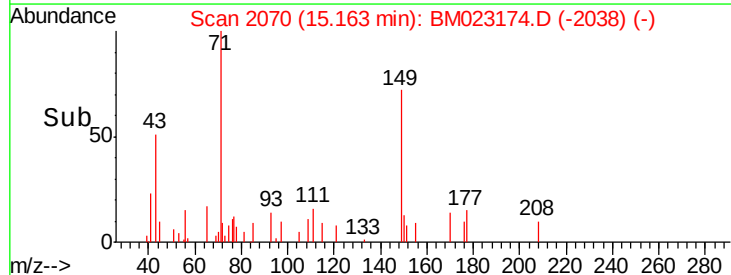
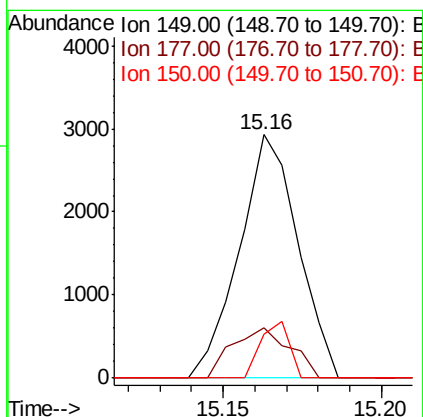
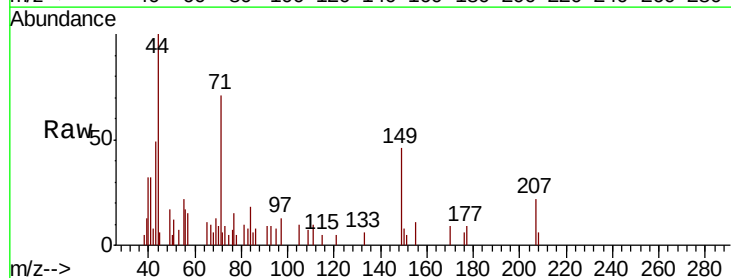
Instrument :
 BNA_M
 ClientSampleID :
 C0AA0

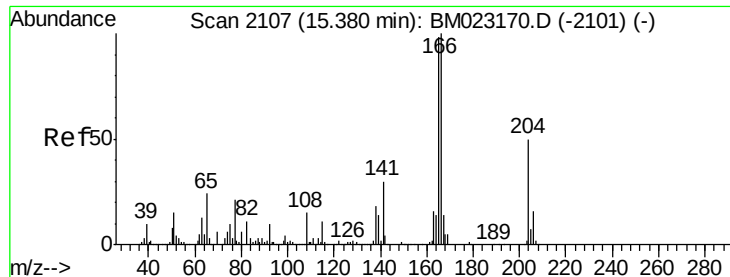
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.9	50.9#
182	0.0	2.3	3.5#



#57
 Diethylphthalate
 Concen: 17.909 ng/ul
 RT: 15.16 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BM023174.D
 Acq: 15 Oct 2019 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.8
150	17.9	9.9	14.9#





#59

Fluorene

Concen: 87.434 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

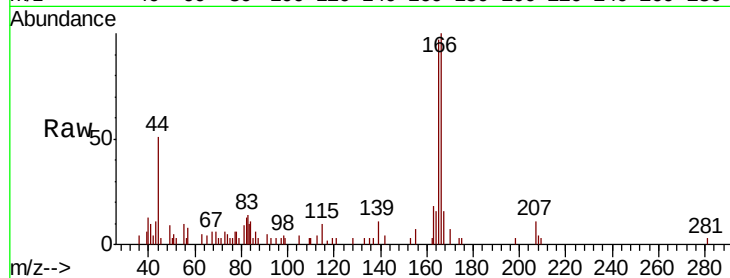
Tot Ion:166 Resp: 17452

Ion Ratio Lower Upper

166 100

165 96.6 77.4 116.0

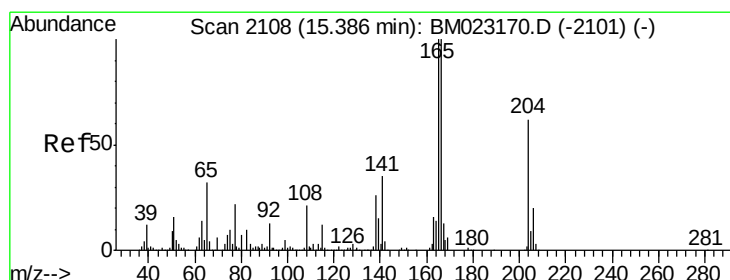
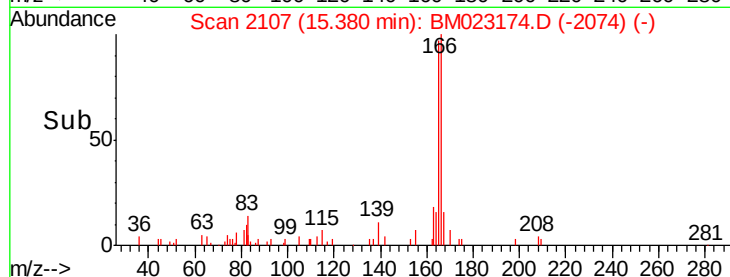
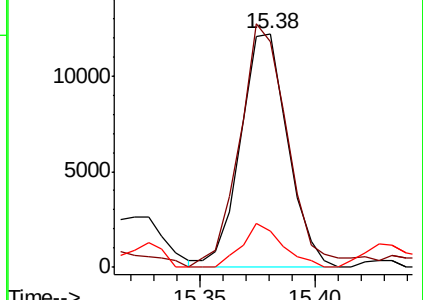
167 15.6 10.8 16.2



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



#61

4-Nitroaniline

Concen: 18.559 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.08 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

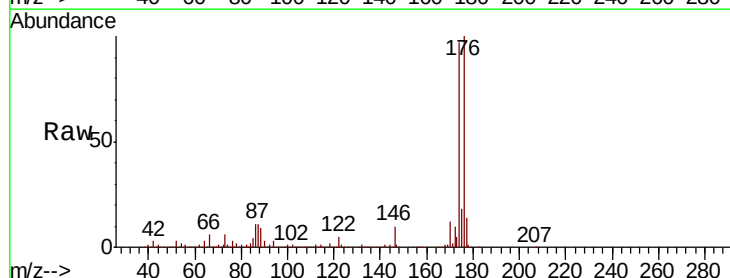
Tgt Ion:138 Resp: 776

Ion Ratio Lower Upper

138 100

92 1107.4 42.6 64.0#

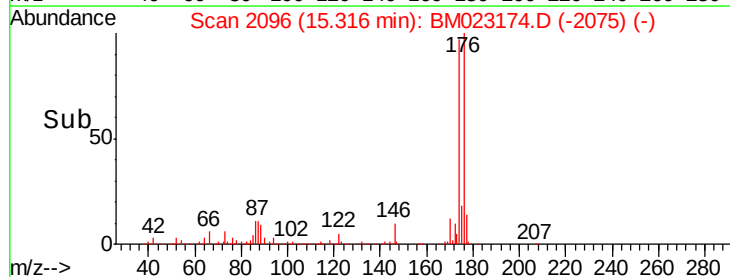
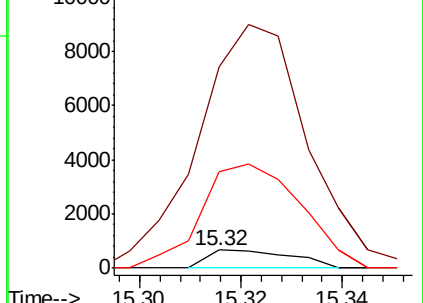
108 527.8 71.9 107.9#

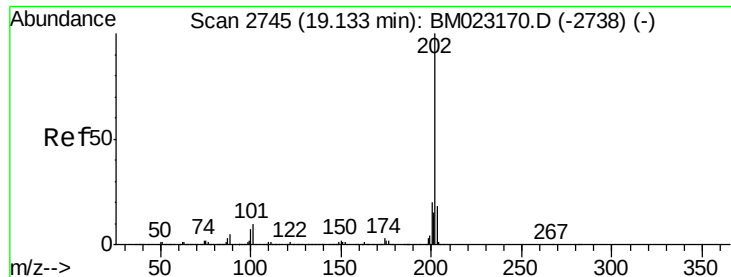


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

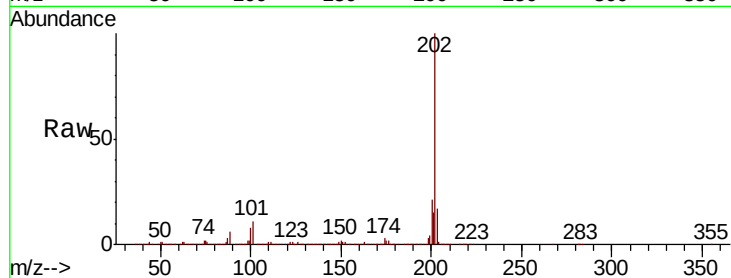




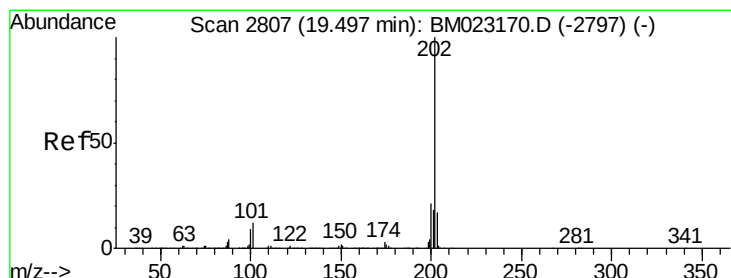
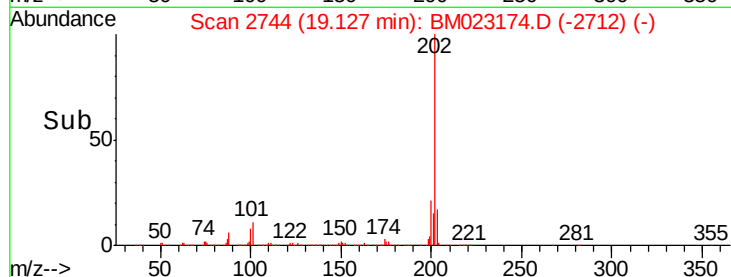
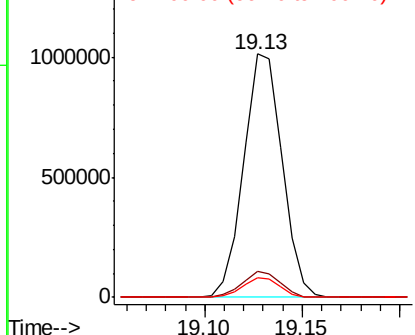
#77
Fluoranthene
Concen: 9.303 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM023174.D
Acq: 15 Oct 2019 19:46

Instrument :
BNA_M
ClientSampleId :
C0AA0

Tot Ion:202 Resp: 1384326
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.8
100 8.1 6.1 9.1

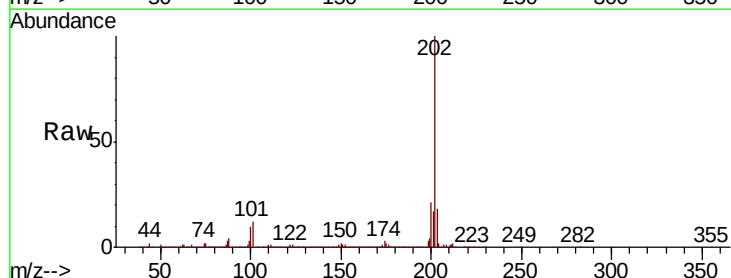


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

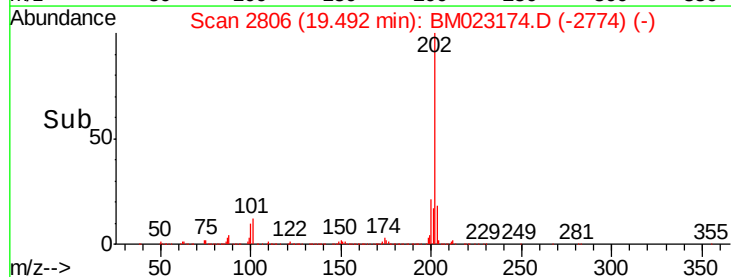
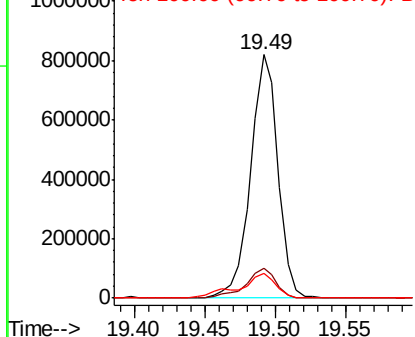


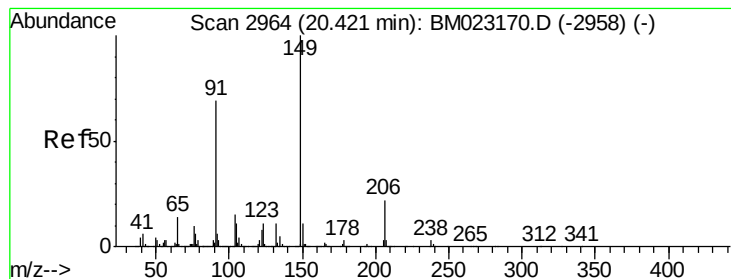
#80
Pyrene
Concen: 25417.344 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023174.D
Acq: 15 Oct 2019 19:46

Tgt Ion:202 Resp: 1113010
Ion Ratio Lower Upper
202 100
101 12.3 9.1 13.7
100 10.1 7.5 11.3



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





#81

Butylbenzylphthalate

Concen: 12.738 ng/ul

RT: 20.55 min Scan# 2986

Delta R.T. 0.12 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

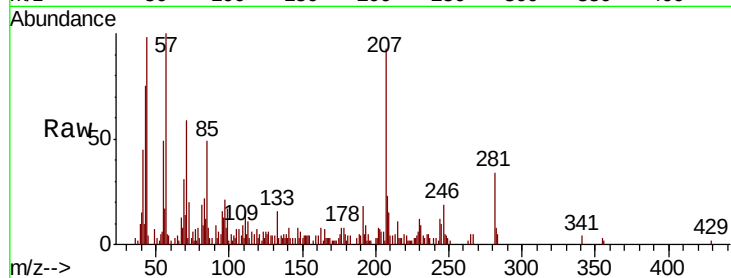
Tot Ion:149 Resp: 194

Ion Ratio Lower Upper

149 100

91 156.4 59.9 89.9#

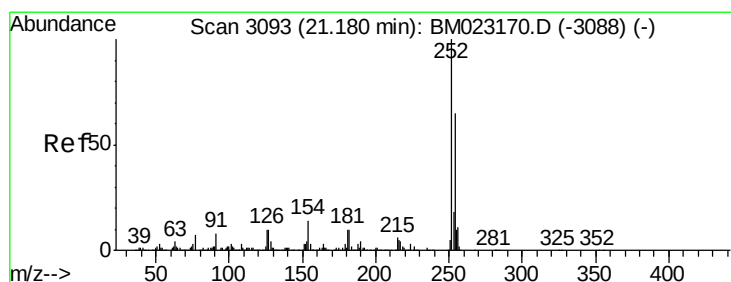
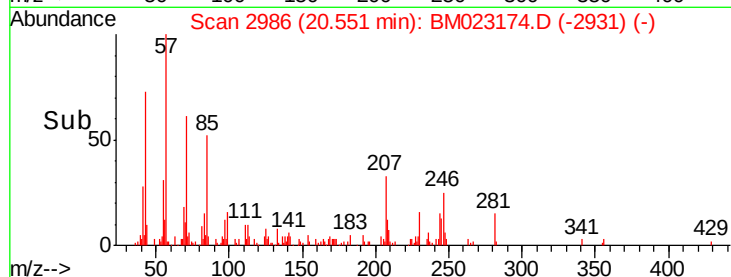
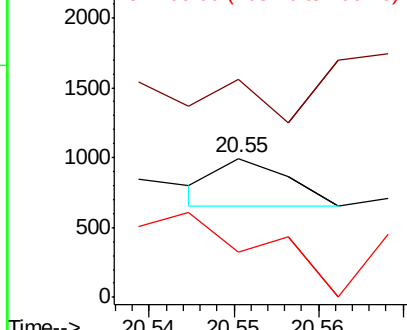
206 32.6 17.1 25.7#



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



#82

3,3'-Dichlorobenzidine

Concen: 239.183 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.12 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

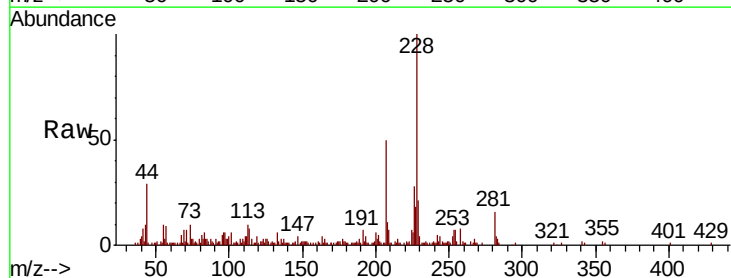
Tgt Ion:252 Resp: 4050

Ion Ratio Lower Upper

252 100

254 167.3 51.8 77.6#

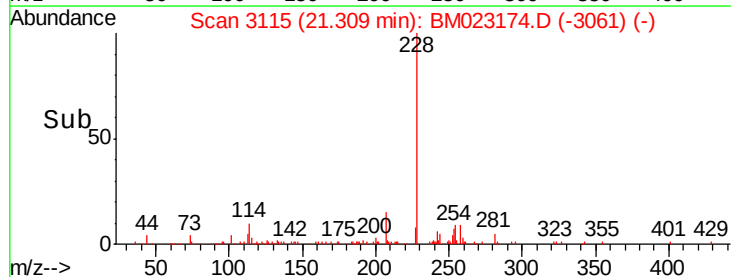
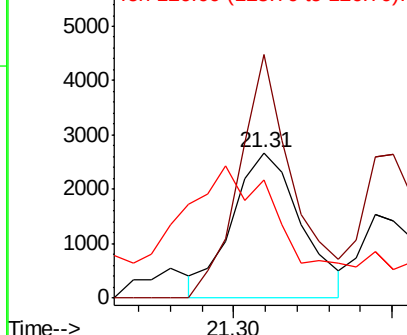
126 81.4 8.0 12.0#

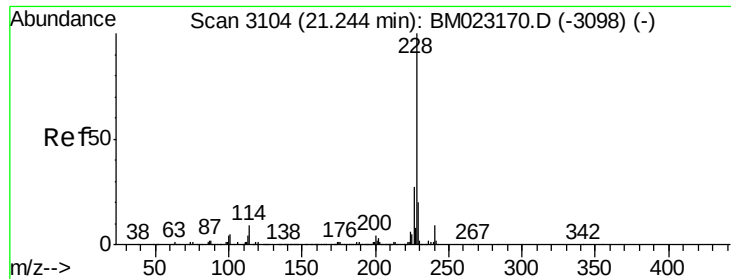


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 12664.722 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.04 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

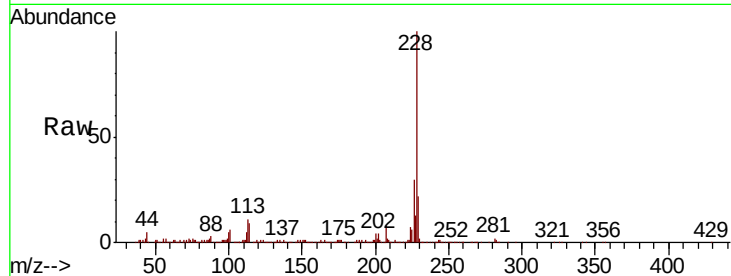
Tot Ion:228 Resp: 599833

Ion Ratio Lower Upper

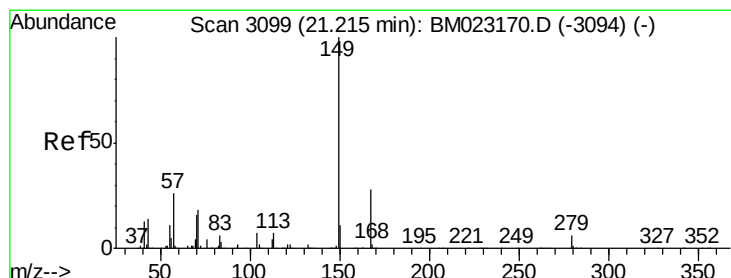
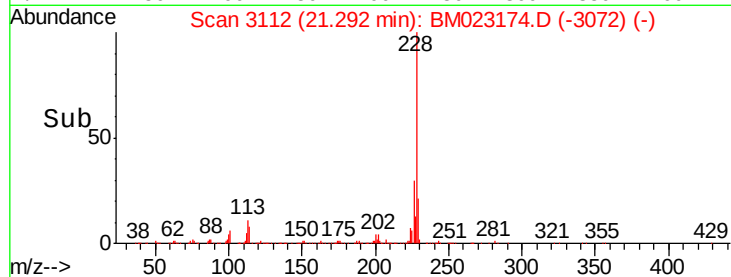
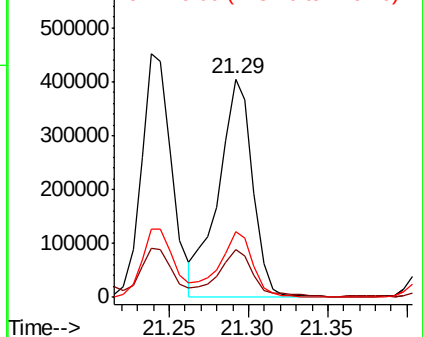
228 100

229 21.6 15.7 23.5

226 30.2 21.6 32.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.210 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. 0.12 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

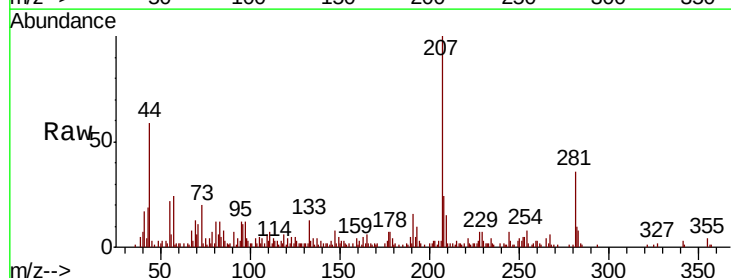
Tgt Ion:149 Resp: 441

Ion Ratio Lower Upper

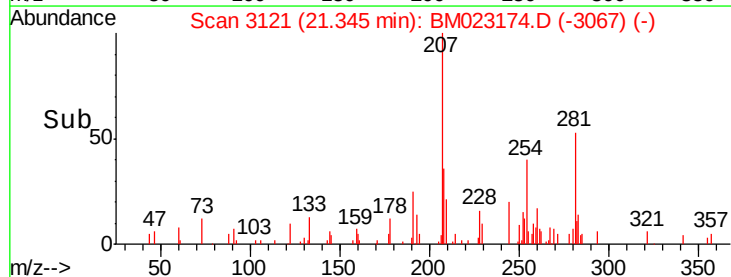
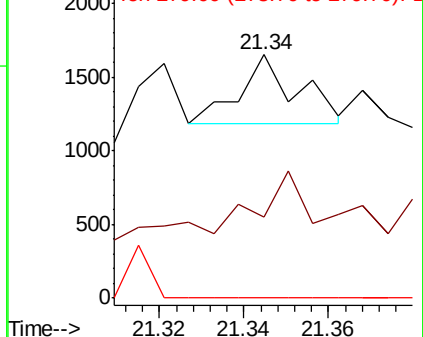
149 100

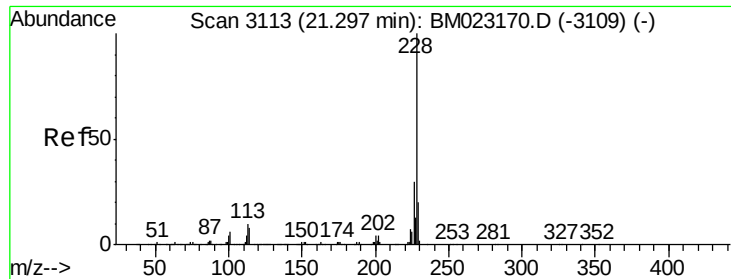
167 33.1 22.5 33.7

279 0.0 4.0 6.0#



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





#85

Chrysene

Concen: 13634.729 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

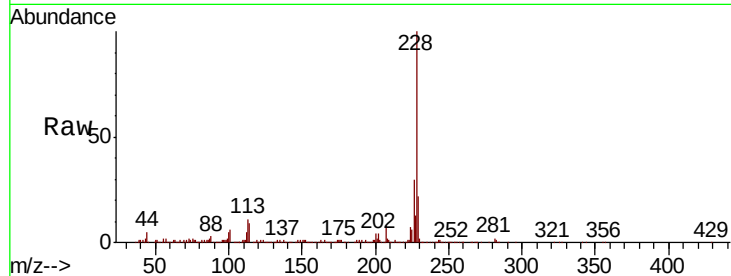
Tot Ion:228 Resp: 599624

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

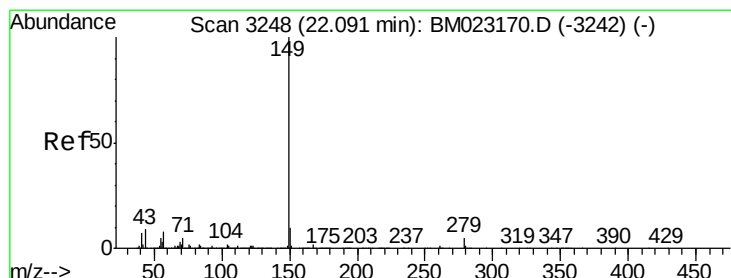
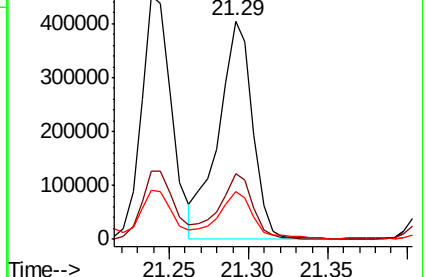
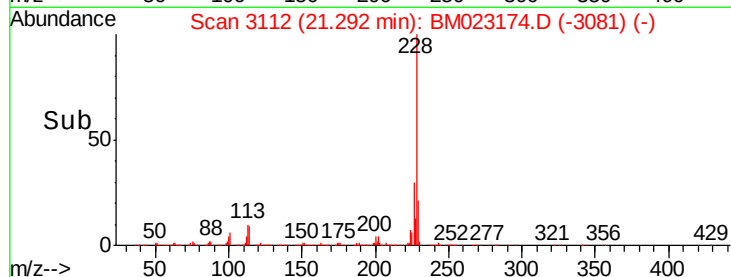
229 21.6 15.5 23.3



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



#87

Di-n-octyl phthalate

Concen: 90.835 ng/ul

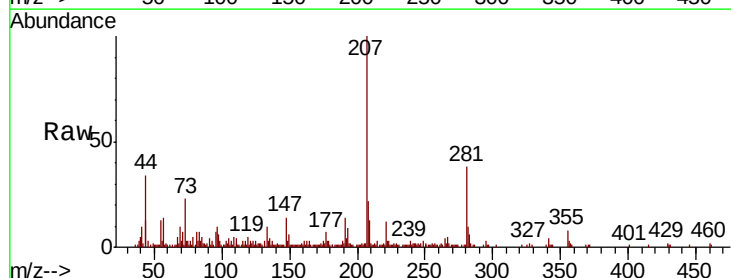
RT: 22.22 min Scan# 3270

Delta R.T. 0.11 min

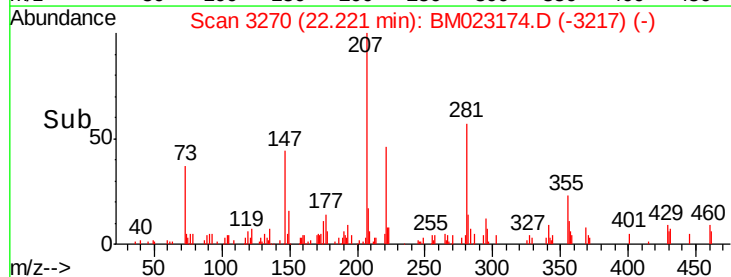
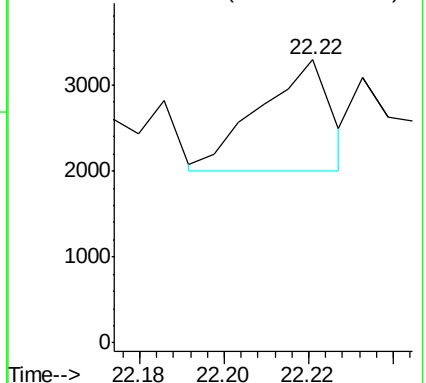
Lab File: BM023174.D

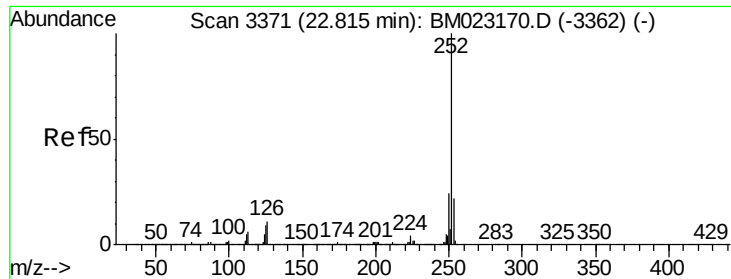
Acq: 15 Oct 2019 19:46

Tgt Ion:149 Resp: 1509



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 4582.636 ng/ul

RT: 22.98 min Scan# 3399

Delta R.T. 0.15 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

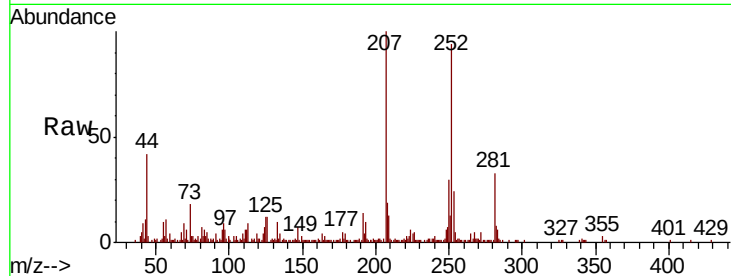
Tot Ion:252 Resp: 89467

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

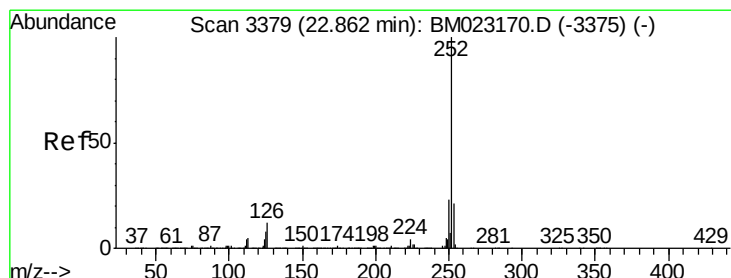
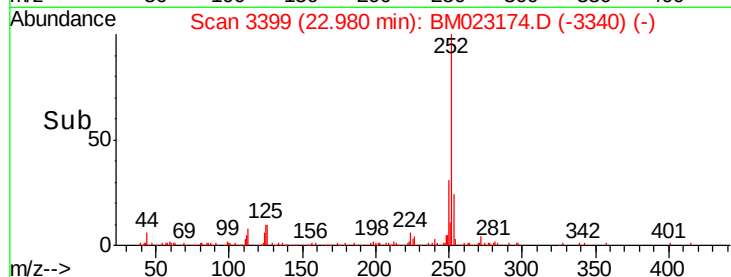
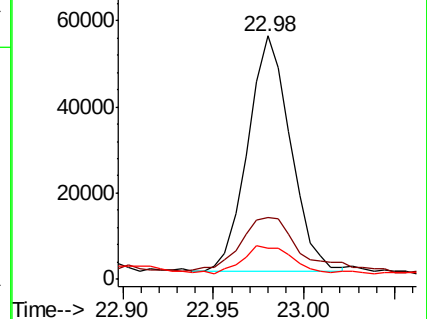
125 13.0 6.4 9.6#



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

Benzo(k)fluoranthene

Concen: 4772.519 ng/ul

RT: 22.98 min Scan# 3399

Delta R.T. 0.11 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

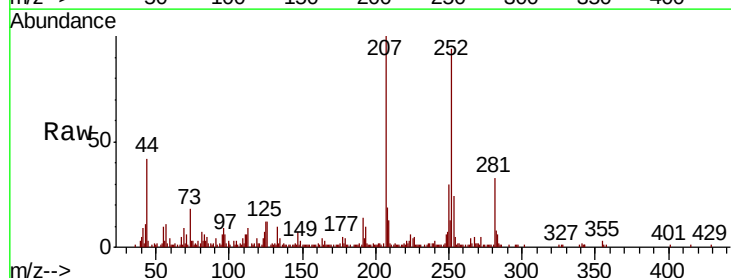
Tgt Ion:252 Resp: 89467

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.0

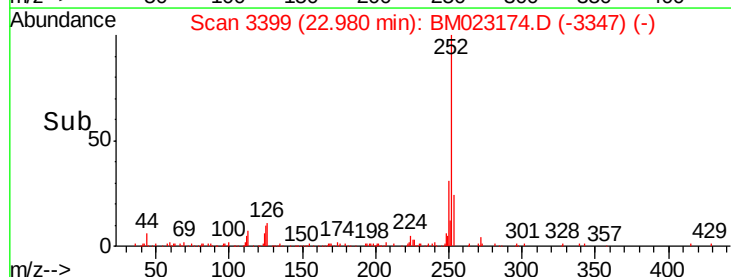
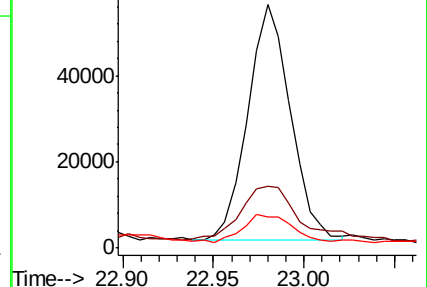
125 13.0 6.5 9.7#

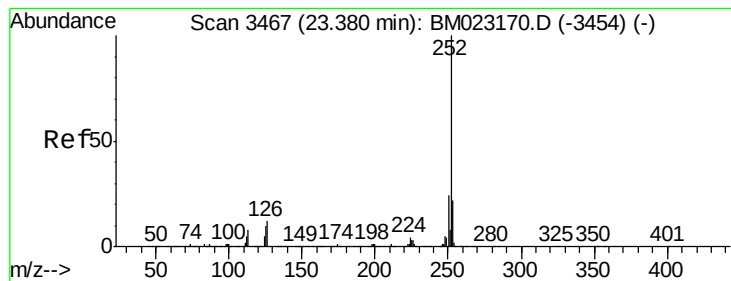


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 27199.328 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.02 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

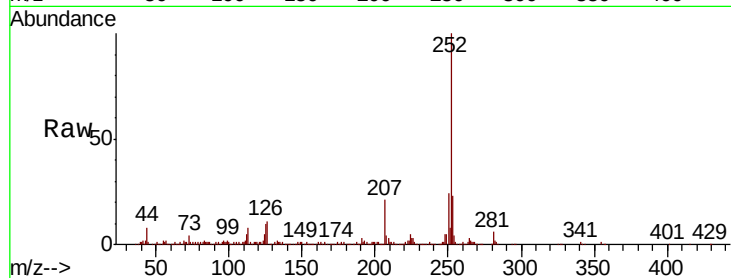
Tot Ion:252 Resp: 509457

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

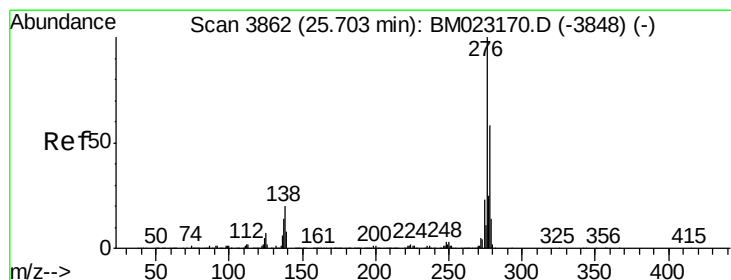
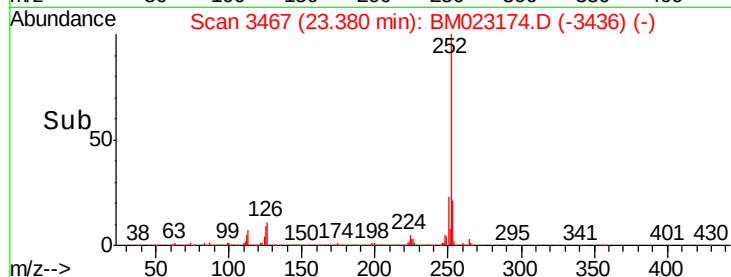
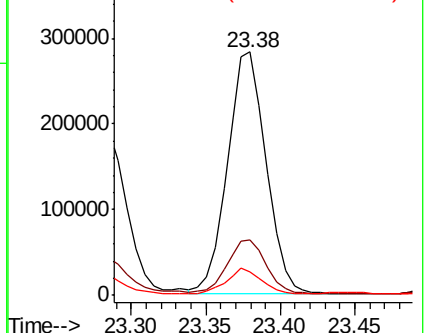
125 9.5 7.4 11.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 9983.155 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. -0.04 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

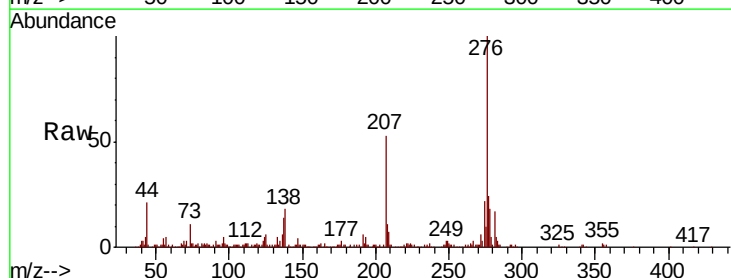
Tgt Ion:276 Resp: 222450

Ion Ratio Lower Upper

276 100

138 17.7 14.9 22.3

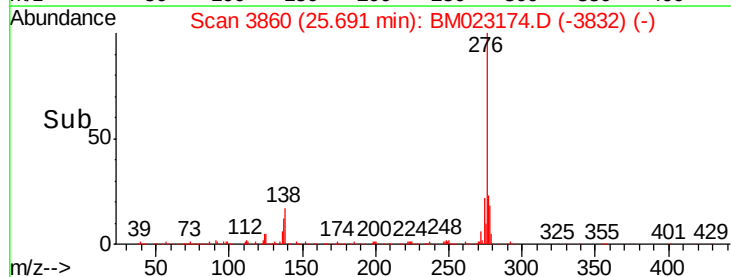
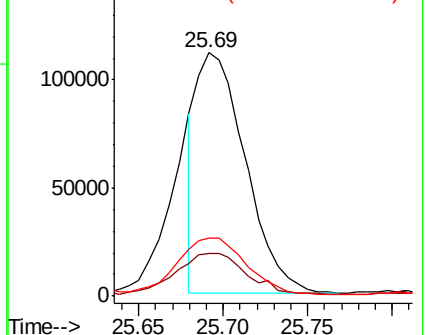
277 23.7 19.8 29.8

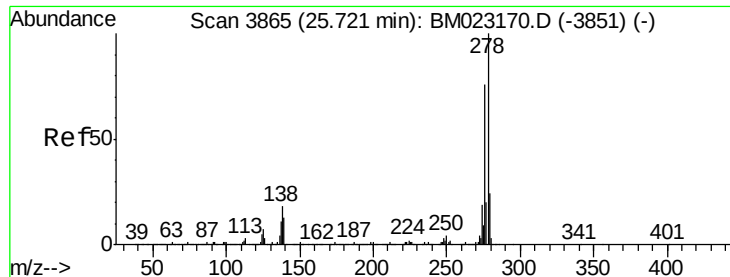


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 6.119 ng/ul

RT: 25.89 min Scan# 3893

Delta R.T. 0.14 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

Instrument :

BNA_M

ClientSampleId :

C0AA0

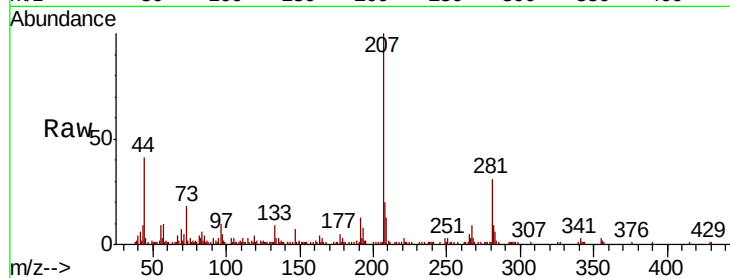
Tot Ion:278 Resp: 114

Ion Ratio Lower Upper

278 100

139 71.6 10.0 15.0#

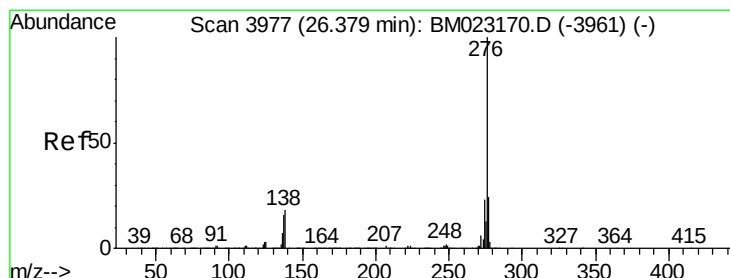
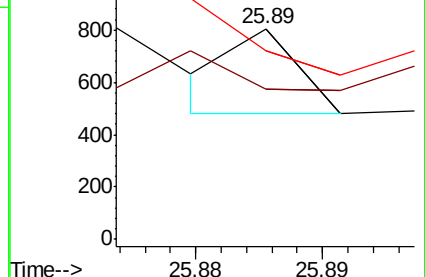
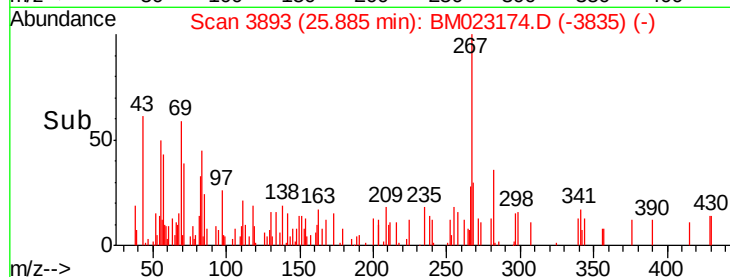
279 89.6 19.4 29.0#



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



#94

Benzo(g,h,i)perylene

Concen: 103.183 ng/ul

RT: 26.56 min Scan# 4008

Delta R.T. 0.16 min

Lab File: BM023174.D

Acq: 15 Oct 2019 19:46

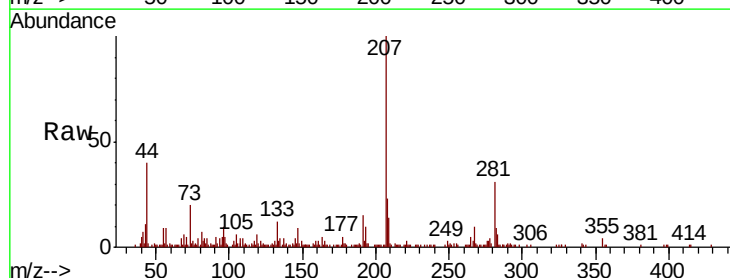
Tgt Ion:276 Resp: 1893

Ion Ratio Lower Upper

276 100

138 37.9 14.4 21.6#

277 104.6 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

